



AGENDA
CHARTER TOWNSHIP OF MERIDIAN
TOWNSHIP BOARD – REGULAR MEETING
September 18, 2018 6:00 pm

1. CALL MEETING TO ORDER
 2. PLEDGE OF ALLEGIANCE/INTRODUCTIONS
 3. ROLL CALL
 4. PRESENTATION
 - A. Deer Management-Jane Greenway, Parks & Land Management Coordinator
 - B. Lucas Chest Compression Device-Mike Hamel, Fire Chief
 5. CITIZENS ADDRESS AGENDA ITEMS AND NON-AGENDA ITEMS*
 6. TOWNSHIP MANAGER REPORT
 7. BOARD MEMBER REPORTS AND ANNOUNCEMENTS
 8. APPROVAL OF AGENDA
 9. CONSENT AGENDA
 - A. Communications
 - B. Minutes-September 4, 2018 Regular Meeting
 - C. Bills
 - D. Disposal of Surplus Vehicles
 10. QUESTIONS FOR THE ATTORNEY
 11. HEARINGS (CANARY)
 12. ACTION ITEMS (PINK)
 - A. Summer Park Realty (Walnut Hills) Consent Judgement
 - B. 2019 Recommended Budget
 - C. Final Preliminary Plat #00012 (Ember Oaks) Extension
 - D. Resolution Commemorating the Signing of the Constitution of the United States
 13. BOARD DISCUSSION ITEMS (ORCHID)
 - A. Medical Marihuana Ordinance
 - B. Rezoning #18080 (Giguere Homes)
 - C. Traffic Control Orders
 - D. Michigan Utility Association Membership
 - E. Citizen Survey Questions
 - F. Deer Management Properties
 14. COMMENTS FROM THE PUBLIC
 15. OTHER MATTERS AND BOARD MEMBER COMMENTS
 16. ADJOURNMENT
 17. POSTSCRIPT-KATHY ANN SUNDLAND
-

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: Jane Greenway and Kelsey Dillon
Parks and Recreation Department
Date: September 18, 2018
Re: Deer Management Recommendation

In 2017, the Township acquired five new properties through the Land Preservation program. The purpose of this memo is to update the Board on the status of the deer management program and to formally request permission to add the five new properties as well as three additional properties that have not been in the deer management program previously.

The proposed new additions are the following:

1. Ponderosa Preserve (92 acres located north of the Bonanza/Ponderosa subdivision)
2. Mandenberg Woods (4 acres located on Hamilton Road and Kenmore Drive)
3. Serafine/SW Uplands (14 acres located east of Hagadorn on the south side of Mt. Hope)
4. Mitroka (1 acre adjacent to the Towar Woods Preserve and neighborhood)
5. Tihart Preserve (90 acres located north of Tihart Road, east of Van Atta Road)
6. Newman Equities Preserve (1 acre along Central Park Drive, near MSUFCU and Kohl's)
7. Potter (5 acres located north of Haslett Road, west of Carlton Drive)
8. North Meridian Road Park (60 acres located west of Meridian Road, north of Grand River)

Background

Meridian Township's eighth year of deer management will officially commence on October 1, 2018 and will run until January 1, 2019. This popular program places volunteer archery hunters on select Township and County owned properties to manage the deer population. Meridian Township has an over-population of deer that has resulted in an increase of damage to landscaping, reports of vehicle/deer accidents, concern for public health, and a disruption to the ecological balance of our natural areas. In response, the Meridian Township Board directed staff to develop and implement a deer management plan that outlines measures for a highly managed program to harvest white-tailed deer in a number of selected township-owned properties.

The program began in 2011 and has been conducted each year since that time. The harvest is held during the regular archery season, October 1st through January 1st. The managed harvest is NOT open to the general public. All hunters must be approved by the Township and are tested for proficiency at the MSU Demmer Archery Center. Only approved, qualified, competent and experienced hunters will be considered to access Township property for the managed harvest. Neighboring property owners are notified of the harvest each year. All parks and land preserves remain open to the public during archery season. The hunters have proven to be valuable partners

and act as the eyes and ears on Township-owned properties. The program continues to receive accolades statewide and serves as a model for suburban wildlife management.

Deer Management Program Statistics

(Collision based on data provided on the MSP "Traffic Crash Reporting System – Crash Statistics Report Selection Criteria")

| | Total Hunters | Properties Hunted | Deer Harvested | Reported Deer/Car Collisions |
|-------------|----------------------|--------------------------|-----------------------|-------------------------------------|
| 2011 | 25 | 7 | 43 | 152 |
| 2012 | 50 | 18 | 90 | 153 |
| 2013 | 60 | 20 | 127 | 180 |
| 2014 | 73 | 21 | 150 | 137 |
| 2015 | 30 | 19 | 63 | 144 |
| 2016 | 73 | 31 | 73 | 164 |
| 2017 | 66 | 30 | 80 | 129 |
| 2018 | 74 | 38 (proposed) | TBD | TBD |

Chronic Wasting Disease (CWD)

CWD is a deadly neurological disease found in the state's free-ranging deer population. Since the discovery of CWD deer in Meridian Township in May 2015, over 2,000 deer from Meridian Township have been tested for CWD in order to gauge the extent of the disease across the landscape. To date, nine deer in Ingham and Clinton counties have tested positive for the disease with five of them found in Meridian Township. To date, more than 31,000 deer in Michigan have been tested for chronic wasting disease, and CWD has been confirmed in 60 free-ranging deer in six Michigan counties: Clinton, Ingham, Ionia, Jackson, Kent and Montcalm.

In addition, the Michigan Department of Natural Resources works with the United States Department of Agriculture Wildlife Services to place sharpshooters on Township property in an effort to aggressively curtail the spread of chronic wasting disease. These sharpshooters have been working in the Township since 2015 but stop their management during archery season.

In summary, the discovery of CWD somewhat complicated the Meridian Deer Management program because the hunters are no longer allowed to utilize bait to attract the deer. This has resulted in a significant drop in deer harvested (seen from 2014 to 2015). In addition, local processors who processed the Township's deer are no longer participating in the Michigan Sportsmen Against Hunger program due to concerns over CWD. The World Health Organization

has advised against consuming venison that is contaminated with CWD, although no link to harmful effects in humans has yet been proven. Many processors will not take deer within the core CWD zone to be sure they are not contaminating their equipment which would have to be thrown out if a CWD positive deer was processed. The DNR is unsure of when the CWD restrictions can be lifted but they advised it will be at least a few more years. Until that time, the closest processor that works with Michigan Sportsmen against Hunger is in Howell. However, many of our hunters donate their venison through other private programs or directly provide venison to families in need. A few local processors will still process deer in the core zone and then the hunters take it upon themselves to donate the meat to charity.

Michigan State University Research Project

Johnathan Trudeau, a PhD student with the MSU Department of Fisheries and Wildlife, is conducting a long-term research project on white-tailed deer movement that started in January 2018. This research is part of a large-scale collaboration between Michigan State University (MSU), the Michigan Department of Natural Resources (MDNR), and the United States Department of Agriculture (USDA) aimed at characterizing deer movement across a landscape with varying human development. With the emergence of chronic wasting disease (CWD) in mid-Michigan, it is crucial to understand deer movement patterns to best inform effective disease management practices. The study area spans Ionia, Clinton, Ingham, and Shiawassee counties. In January, Jonathan's team captured 20 adult white-tailed deer and fit them with a global positioning system (GPS) collars so their movements can be monitored over an extended period of time.

The following properties are being utilized for the study: Central Park, North Meridian Road Park, Ted Black Woods, Nancy Moore Park, Towar Woods, Central Meridian Uplands, Davis Foster Preserve, Red Cedar River East Preserve, Tihart/Cornell Wetland Preserve, Legg Park, Forest Grove Preserve, North Ridge Preserve, the Transfer station, and Tihart Preserve.

Future Plans

The intention is to continue the volunteer archery deer management program in 2018-2019 with the hope that our volunteer's efforts will continue to reduce the herd and provide valuable data on Chronic Wasting Disease to the Michigan DNR.

Conclusion

Anecdotal evidence reveals that residents in the Haslett area are seeing fewer deer, while many residents in the Okemos are still experiencing issues with deer due to over-population. The Parks and Recreation office regularly fields calls from residents complaining about deer damage to personal property. Our environmental consultants and staff continue to report severe ecological damage to the natural areas due to over-browsing.

Memo to Township Board
September 18, 2018
Re: Deer Management Recommendation
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The onset of CWD has also raised concerns about the health of the deer herd in Meridian Township. While not its original intention, the deer management program now plays a vital role in providing the Michigan DNR and MSU with valuable data on the disease. Although, this now means one of the goals of the program to donate all harvested venison is not a possibility at this time. We will keep encouraging hunters to privately donate the venison they harvest and as soon as the CWD restrictions are lifted, we hope to resume all donations to Sportsman Against Hunger.

Attachment:

1. Meridian Township 2018 Deer Management Areas Map
2. Resolution for consideration

RESOLUTION TO APPROVE

Deer Management Recommendation

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 18th day of September, 2018, at 6:00 p.m. local time.

PRESENT: _____

ABSENT: _____

The following Resolution was offered by _____ and supported by _____.

WHEREAS, the Charter Township of Meridian has documented numerous complaints relative to the issue of the overpopulation of white-tailed deer including: over-grazing of landscape plants, a high number of deer/car collisions, threats to public health, and threats to the ecological health of natural areas; and

WHEREAS, a Deer Management Plan has been developed for the purpose of outlining measures for conducting a highly managed, safe, and humane managed deer harvest on Township-owned properties (and other properties.. county); and

WHEREAS, it is recognized that controlled hunting may help control the overpopulation of white-tailed deer; and

WHEREAS, the Charter Township of Meridian has authorized staff to conduct a managed deer harvest on Township-owned properties that will occur seven days per week during the regular archery season (October 1, 2018, through January 1, 2019); and

WHEREAS, the managed deer harvest will utilize qualified, competent, and experienced volunteer hunters; and

WHEREAS, the Township-owned properties are not open to unauthorized hunting; and

WHEREAS, the Charter Township of Meridian will work with the Michigan Department of Natural Resources to operate under the Disease Control Permit system for the purpose of acquiring 200 antlerless deer permits; and

WHEREAS, the Charter Township of Meridian’s Deer Management Program will comply with all State of Michigan rules and hunting regulations; and

WHEREAS, the public will be notified of the deer harvest through posted signs on the designated hunting properties, Township website postings, press releases to the local newspapers, and letters to owners of properties adjacent to designated hunting properties; and

WHEREAS, the Charter Township of Meridian has constructed an enclosure within Lake Lansing North Park for the purpose of visually observing areas that are open to deer browsing versus areas that are not, which has indicated a significant level of damage due to over-browsing of the natural vegetation; and

WHEREAS, parks, land preserves, and other natural areas provide ecological and aesthetic beauty, improve water quality, protect groundwater, prevent flooding, improve the quality of the air we breathe, provide vegetative buffers to development, and produce habitat for wildlife; and

WHEREAS, the Charter Township of Meridian recognizes the benefits derived from parks and land preserves and appreciates benefits of local wildlife.

NOW, THEREFORE, BE IT RESOLVED by the Township Board of the Charter Township of Meridian that a Township-managed deer harvest will occur on the following thirty eight properties in 2018: Central Park; Towner Road Park; Wonch Park; Ferguson Park; Harris Nature Center; Eastgate Park; Legg Park; Hartrick Park; Ted Black Woods; North Meridian Road Park; Red Cedar Natural Area; Forest Hills Natural Area; Tacoma Hills Park; Orlando Outlot B; Davis/Foster Preserve; Hubbel Preserve; Lake Lansing North Preserve; Newman Equities Preserve; Towar Woods Preserve; Lake Lansing South Preserve; Central Meridian Uplands; Sower Woods Preserve; Tihart/Cornell Wetland; Southwest Meridian Uplands; Sumbal Preserve; Red Cedar Glen Preserve; Towner Wetland Preserve; Meridian Central Wetland; Red Cedar River East Preserve; Forest Grove Preserve; North Ridge Preserve; Mandenberg Woods; Tihart Preserve; Ponderosa Preserve; Glendale Cemetery; Riverside Cemetery; Ingham County Farm; Transfer Station.

ADOPTED: YEAS:
 NAYS:

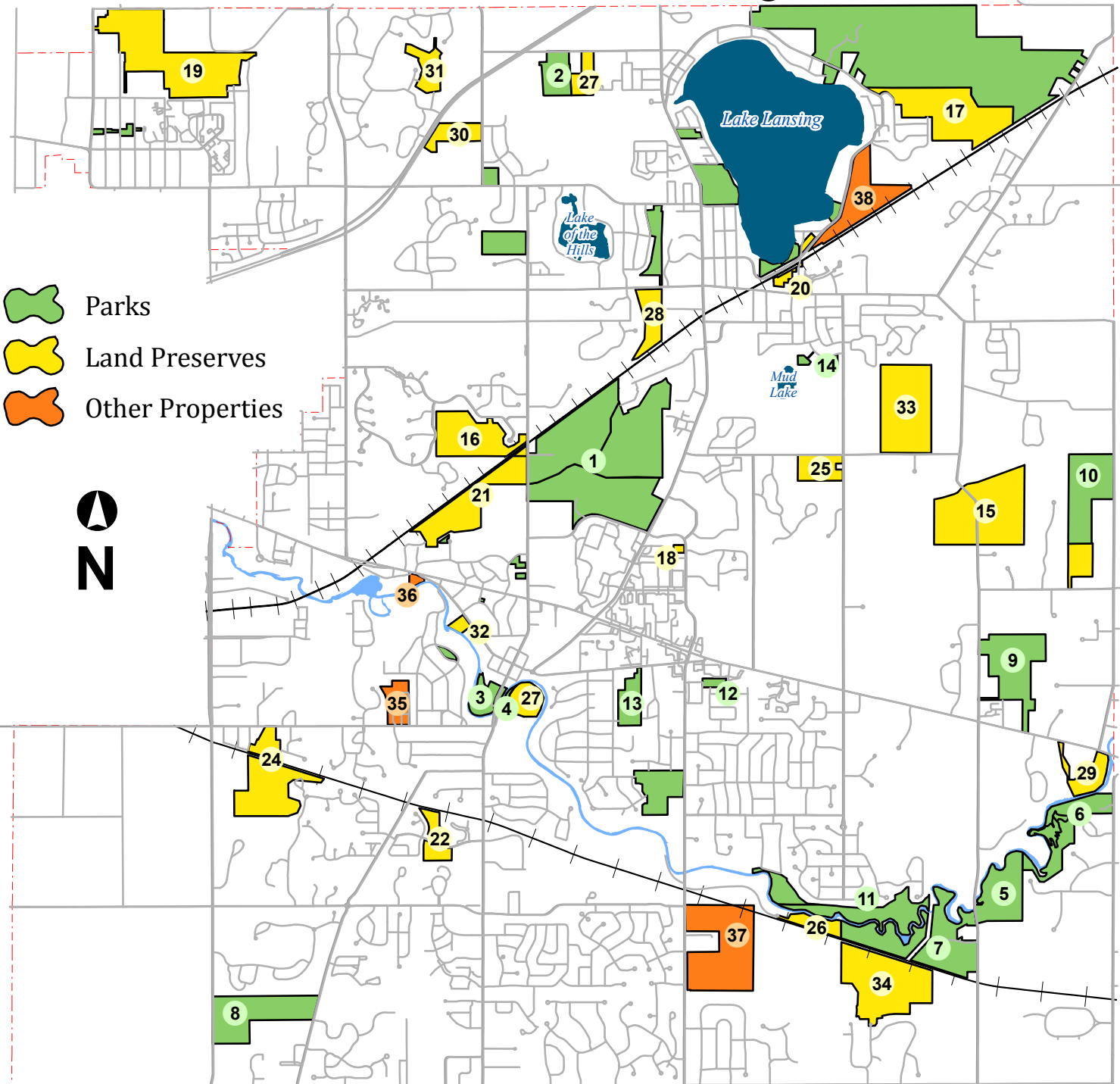
STATE OF MICHIGAN)
) ss:
COUNTY OF INGHAM)

I, the undersigned, the duly qualified and acting Clerk for the Charter Township of Meridian, Ingham County, Michigan, do hereby certify that the foregoing is a true and complete copy of a resolution adopted at a regular meeting of the Township Board on the 18th day of September 2018.

Brett Dreyfus, CMMC
Township Clerk

Meridian Township Deer Management Areas

- 1 Central Park
- 2 Towner Road Park
- 3 Wonch Park
- 4 Ferguson Park
- 5 Harris Nature Center
- 6 Eastgate Park
- 7 Legg Park
- 8 Hartrick Park
- 9 Ted Black Woods
- 10 North Meridian Rd. Park
- 11 Red Cedar Natural Area
- 12 Forest Hills Natural Area
- 13 Tacoma Hills Park
- 14 Orlando Outlot B
- 15 Davis/Foster Preserve
- 16 Hubbel Preserve
- 17 Lake Lansing North Preserve
- 18 Newman Equities Preserve
- 19 Towar Woods Preserve
- 20 Lake Lansing South Preserve
- 21 Central Meridain Uplands
- 22 Sower Woods Preserve
- 23 Tihart/Cornell Wetland
- 24 Southwest Meridian Uplands
- 25 Sumbal Preserve
- 26 Red Cedar Glen Preserve
- 27 Towner Wetland Preserve
- 28 Meridian Central Wetland
- 29 Red Cedar River East Preserve
- 30 Forest Grove Preserve
- 31 Northridge Preserve
- 32 Mandenberg Woods
- 33 Tihart Preserve
- 34 Ponderosa Preserve
- 35 Glendale Cemetery
- 36 Riverside Cemetery
- 37 Ingham County Farm
- 38 Transfer Station



**CLERK'S OFFICE BOARD
COMMUNICATIONS
September 18, 2018**

Dear Meridian Township Board,

I know you've put a lot of effort into negotiating this agreement and I want to thank you for that effort. We live on Dawn Ave, on the east side of Walnut Hills near Lake Lansing Road. I have seven questions or concerns that I would like to highlight.

Issues concerning the mediated settlement details:

1. Why are the detention ponds allowed within setback area?

In all our research, we have consistently found that detention ponds have three major issues

- 1) Persistent wetness
- 2) Mosquito issues
- 3) Significant depreciation of adjacent property values.

The developer is building on land that has significant water issues. The soil has poor drainage and there is significant surface water that develops during heavy rains. The area already has a high water table. The back of my property and adjacent land is already under water during a heavy rain.

Drainage and mosquitos will be a major issue he will have to deal with. It is not appropriate or just for him to force the long term residents and current tax payers to bear the burden of the water issues he will be creating. **Rather, detention ponds should be required to be more internal to the development and not placed in our backyards.**

2. If we sign off on the consent agreement, what other hurdles does the developer have to pass in order to have his final plans accepted by the township? What challenges can be raised to those plans after the consent agreement is passed? What issues have to be put into the consent agreement because they cannot be addressed later? For example: Do we need to have a wetlands protection guarantee in the consent agreement?

Issues concerning water run-off.

3. We are concerned about chemical spraying, leaching, and volatilization onto our property and how all the residential drainage and associated pollutants and chemicals will impact our health and safety (we are directly downwind from detention pond plans).

4. What occurs if I find drainage from the development is causing increased water saturation on my property? When the residence next door was built, the north side of my basement flooded. At that time the previous owners raised the issue with the township and the township said it had no way to verify the cause and couldn't do anything. That was ONE house, this is over 300. HOW will you guarantee this is different? Will the township take measurements of the existing water table around our property as reference? It is already really high.

Unanswered questions that were raised at the initial meetings

5. It has been over one year since the community asked the board to reject the re-zoning of the property. The resistance of the developer to produce a site plan played a large role in this rejection. The maps sent out with the consent agreement are the same "scenario maps" that the developer produced and later distanced himself from. The community didn't trust the developer and requested that he draw up actual plans that could be discussed and agreed on. How is it that one year later we're allowing the mediated settlement to proceed without a real site plan in place?

6. Increased traffic were major concerns brought up during the prior meetings. What were the results of the traffic studies, and how much of an increase in traffic is considered acceptable?

7. Drainage issues were major concerns brought up during the prior meetings. What were the results of the drainage assessment, and what type of remediation will be required for 311 houses? Are detention ponds required, and how many/how large?

I know these are hard questions, but the time to be asking them is now. It is my expectation that we will get exactly what we request in the consent agreement and nothing more. If something is not spelled out the result will be the developer using another lawsuit to strong arm the township. I ask that as a board you be extra cautious and listen to feedback from all of the residents.

Thank you,

A handwritten signature in black ink, appearing to read 'Erin and Geoff Recktenwald', with a long horizontal flourish extending to the right.

Erin and Geoff Recktenwald

6035 Dawn Ave

Riley Millard

From: Dersch, Eckhart <dersch@msu.edu>
Sent: Friday, September 07, 2018 1:19 PM
To: Board
Subject: Road Repaving Question

Dear Board Members,

I know you try hard to make best use of our limited road repaving funds. In light of the many roads in our community that require replacement, why was White Owl Way in Riverwood Park subdivision selected for repaving this year? If you have a chance, take a look at this road, and you will see that it is still in relatively good shape and that a couple of small problem spots have already been patched.

Eckhart

Riley Millard

From: Brett Dreyfus
Sent: Friday, September 07, 2018 3:44 PM
To: Riley Millard
Subject: FW: Thank you

From: Judy Kindel [mailto:kindelj1@gmail.com]
Sent: Friday, September 07, 2018 12:51 PM
To: Township Board; Derek Perry; Frank Walsh
Subject: Thank you

We would like to extend our thanks to the Board members and staff involved in resolution of the Walnut Hills property.

The plan as outlined in the judgement seems to address many of the concerns that residents posed.

We appreciate the willingness of Township officials to listen to and help resolve concerns of the residents.

Sincerely,
Judy and Paul Kindel
2915 Margate Lane
Skyline Hills

Riley Millard

From: Anas Aljanadi <aaljanadi@yahoo.com>
Sent: Monday, September 03, 2018 8:37 PM
To: Board
Subject: Sanctuary rezoning

Dear board members,

My wife and I bought lot #26 in the Sanctuary subdivision from Mr. Giguere in 2012 and we contracted him to built our house there. We choose this lot specifically and paid a higher price (\$120k to be exact) compared to another lot(I believe #43 or #48) that was available for about \$40k less. We chose this lot after Mr. Giguere voluntarily and repeatedly assured us that the land across the street from our future house is a protected wetland and will never be developed for any kind of buildings, residential or otherwise.

Now Mr. Giguere is applying for rezoning of that area to build new homes (app # 18080). I am planning to attend the public hearing scheduled for tomorrow 9/4/18 but I wanted to write to you and ask the board's consideration to deny this application. Mr. Giguere clearly has failed to work with the residents of Sanctuary subdivision and engage us in the process. Mr. Giguere is clearly not concerned about the future of our properties as a result of his intended project. It appears that he lied intentionally to us when he stated above assurances to unload lot #26 with false claims and assurances.

The construction traffic to this limited access area located near the col-de-sac will disrupt the daily life of all of the subdivision residents for a few years at least.

On behalf of my family and neighbors, I truly appreciate your attention to this serious matter and hope that the board denies this application that seems to be ill-conceived and poorly planned.

Sincerely,

The family of:
Anas Al-Janadi, MD
Associate Professor
College of Human Medicine
Michigan State University

Sent from [Mail](#) for Windows 10

September 6, 2018

Trustees
Meridian Township
5151 Marsh Rd.
Okemos, MI 48864

Dear Sir,

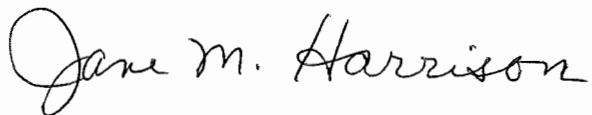
Jim and I attended the recent meeting where the status of the WHCC was discussed. We were impressed with the sincerity and empathy of your feelings for the Skyline Dr. neighbors. It was obvious you had spent considerable time studying this issue and we very much appreciate the effort you put on our behalf.

I have lived next to the golf course (twelfth tee) for 50+ years and will miss it terribly but I believe the Mediation produced a result that I can live with. The 150-foot buffer, especially, is a remarkable achievement and I hope it's not up for future negotiation.

Jim and I want to thank you, so very much, for all the time you spent over the past two years on this problem!

We know there is much to do and feel comfortable that you will do what's best for the residents of Skyline and Dawn.

Sincerely,



Jane M Harrison
6054 Skyline Drive
East Lansing, MI 48823
517-337-0558
jharrison@chemistry.msu.edu





Groundwater
Management
Board

9/10/2018

Ms. Julie Brixie
Meridian Township
5151 Marsh Road
Okemos, MI 48864-1198

RE: Groundwater Management Board 2018 Annual Dues Request

Dear Ms. Brixie:

The 2017-2018 year has been another successful one for the Groundwater Management Board (GMB). The GMB continues to receive national recognition for its pioneering work on groundwater protection. I want to thank you for your continued support in and commitment to protecting our groundwater to provide healthy and safe drinking water to our region and communities.

2017-2018 Groundwater and Wellhead Protection Highlights and Ongoing Efforts include:

- The *Tri-County Water Policies & Programs Guide*, which was a collaboration of experts in water and land-use management from Clinton, Eaton, and Ingham counties to examine efforts to protect Mid-Michigan's water resources and groundwater protection, continued to guide the direction and efforts of the GMB.
- The Groundwater Management Board communities of East Lansing-Meridian Water & Sewer Authority, Lansing Board of Water & Light, and Lansing Charter Township, received and completed Michigan DEQ Wellhead Protection Grants. Through collaborative efforts, each worked closely with GMB members, municipalities, and their respective communities to promote groundwater protection as follows:
 - Outreach and education on importance of groundwater protection to local business and civic groups, as well as local elected officials, boards, and commissions
 - Completed an upgrade to the Wellhead Protection Viewer and provided training to regional economic and community development planners to demonstrate how to utilize the Viewer and Potential Contaminant Source Inventory during planning to ensure continued protection of regional groundwater resources
 - Updated and submitted Wellhead Protection Plan
 - Updated 10-year and 40-year time of travel areas
 - Completed Memorial Park study to examine the effects, if any, of cemeteries on local groundwater resources
 - Outreach and education to local elementary school children, including presentations, to impart upon the next generation the importance of groundwater protection. As part of the outreach campaign, LCT donated water bottles



Groundwater Management Board

- Groundwater Quality Survey received funding to continue sampling and testing wells in the remaining townships throughout Ingham County. The survey has been a collaborative effort among USGS, Lansing Board of Water and Light, East Lansing Meridian Water and Sewer Authority, several area townships, MSU, and homeowners. The objective of the study is to sample wells throughout the region to investigate current groundwater quality compared to the previous 1986 study, assess whether groundwater quality has changed due to current land use practices, and whether the quality of groundwater is adequate for human and environmental uses. Updated results of the study are provided at GMB/GTAC meetings.
- The Groundwater Management Board provided support for Michigan State University's Science Fair in the spring of 2018. The Groundwater Simulator was used to demonstrate to local elementary, middle, and high schools the water cycle, the importance of groundwater protection, and how potential contaminants can move through the aquifer. The demonstration received hundreds of students throughout the day.
- The Groundwater Management Board reconvened its Geothermal Working Group to review and make recommendations to Michigan Department of Environmental Quality's proposed statewide geothermal legislation. The Working Group was invited by MDEQ to become stakeholders and participants in any future geothermal regulation discussions. The Working group toured the Capitol Grounds Infrastructure Upgrades grounds and the Glencairn Elementary School grounds to ensure geothermal projects were conducted in accordance with DEQ's Best Management Practices and that regional groundwater resources remain protected. To further ensure the integrity of regional groundwater resources, the Groundwater Management Board shared geothermal recommendations with the City of East Lansing.
- Ingham County formed a committee to review proposed changes to its sanitary code. The Groundwater Management Board is an active stakeholder and participant of the committee. Of importance to note, the committee will review sewage disposal systems; the 10-year inspection program, which will replace the County's Point of Sale program; the certification of installers and engineers/maintenance providers; and water supply systems.
- The Groundwater Management Board addressed and deliberated on important regional groundwater issues and invited speakers to meetings to present on groundwater matters. Topics included, but were not limited to, MiWell Program, which tests water quality of private wells; House Bill 5272/5753, which addresses the proposed 10-year septic inspection program; Groundwater Quality Survey updates; Ingham County Point of Sale presentation; City of Williamston Observation Wells presentation; and the aforementioned geothermal site tours. At the October GMB meeting, Dr. Kurt Guter will present on the emerging microplastics issue.



Groundwater Management Board

- The Groundwater Management Board communities participated in the National Groundwater Association's Protect Your Groundwater Day, utilizing social media to showcase its regional groundwater protection efforts, including its 23rd annual Groundwater Guardian designation. The National Groundwater Association designated the Groundwater Management Board as a Groundwater Protector.
- The Groundwater Management Board submitted its Annual Report to the Groundwater Foundation and is anticipating its 24th annual Groundwater Guardian designation in November 2018.

Plans for 2018-2019 include:

- The Groundwater Management Board will continue to use the *Tri-County Water Policies & Programs Guide* to direct the Board's efforts of protecting the region's groundwater resources.
- The Groundwater Management Board will continue to be active participant of Ingham County's Sanitary Code Review committee, providing insight into proposed sanitary codes in relation to local groundwater matters.
- The Geothermal Working Group will reconvene as necessary to discuss and deliberate on geothermal projects in the Tri-County region and will participate in Michigan Department of Environmental Quality's Geothermal Stakeholder group upon request.
- The Groundwater Quality Survey team will continue to sample and test wells in the region and will seek additional funding to expand to other areas of interest.
- Dependent upon the Lansing Board of Water & Light's Wellhead Protection Grant submission to Michigan Department of Environmental Quality, the Board will utilize social media to promote regional groundwater efforts. The Board will also explore regional geothermal Best Management Practices to complement current geothermal regulatory efforts.
- The Groundwater Management Board will continue to support Michigan State University's Science Festival in the spring of 2019. The Board will utilize its aquifer model to demonstrate to K-12 students and other participants, the water cycle, effects of contaminants on groundwater supplies, and how contaminants travel through the various geological layers.
- In collaboration with City of Williamston, explore eligible wellhead protection activities to address observation wells.




Groundwater Management Board

- The GMB communities will continue to participate in the Groundwater Foundation's Groundwater Guardian initiatives, as well as the National Groundwater Association's Protect Your Groundwater Day as a designated Groundwater Protector.
- The Groundwater Management Board will continue to serve as a forum for regional coordination of groundwater matters, including reviewing and deliberating on projects that may have an adverse effect on the region's groundwater supply.

The GMB provides a unique service to this region through your support. This innovative group receives continuous input from your community and other member units regarding the groundwater and drinking water needs of this area. Because of its structure, the GMB can quickly adjust its priorities to reflect the services most needed and wanted by its members. GMB was designated by the Michigan Department of Environmental Quality as the local Large Water Users Group. Should there be a water use dispute the GMB will act as the organizing body for discussion and mediation of the dispute. Coordinate groundwater activities within the tri-county region and review and comment on land use and/or water development project which have potential significant impact on groundwater management.

Enclosed please find an invoice for your fiscal year 2019 GMB dues. If you have any questions regarding GMB efforts, please contact me at (517) 393-0342 x30. I would be happy to meet with you or make a presentation to your policy board to discuss the general activities of the GMB.

Sincerely,
Dennis Louney


Groundwater Management Board Chair
Mid-Michigan Environmental Action Council
Enclosure

L.I-County Regional Planning Commission

3135 Pine Tree Rd STE 2C

LANSING, MI 48911

PHONE (517)393-0342

FAX (517)393-4424

INVOICE #

881

DATE: September 17, 2018

TAX I.D # 38-6034852

Julie Brixie
Meridian Twp.

Description

Amount

FAIR SHARE PLEDGE OF GROUNDWATER \$
MANAGEMENT BOARD 2018 - 2019

13,702

Total Due \$

13,702

| |
|--------------------------------------|
| <p>PROPOSED BOARD MINUTES</p> |
|--------------------------------------|

PROPOSED MOTION:

Move to approve and ratify the minutes of the Regular Meeting of September 4, 2018 as submitted.

ALTERNATE MOTION:

**Move to approve and ratify the minutes of the September 4, 2018 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, SEPTEMBER 4, 2018 **6:00 pm.**

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

ABSENT: Trustee Sundland

STAFF: Township Manager Frank Walsh, Director of Public Works Derek Perry, Township Attorney William Fahey, Police Chief Ken Plaga, Information Technology Director Stephen Gebes, Principal Planner Peter Menser, Community Planning Director Mark Kieselbach, HOM-TV Executive Producer Brandie Yates, Human Resources Director Joyce Marx, Fire Chief Mike Hamel, Economic Development Director Chris Buck, Finance Director Miriam Mattison,

1. CALL MEETING TO ORDER

Supervisor Styka called the meeting to order at 6:01 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

A. HOM-TV Program Sponsorship

Brandi Yates, HOM-TV Executive Producer, provided details on the HOM-TV sponsorship program and its goals in seeking additional revenue. Sept 20th, 5 -7 pm, Open House at HOM-TV Studio.

B. 2019 Recommended Budget

Township Manager Frank Walsh presented the 2019 Recommended Budget.

5. CITIZENS ADDRESS AGENDA ITEMS AND NON-AGENDA ITEMS

Supervisor Styka opened public remarks at 6:28 pm.

Neil Bowlby, 6020 Beechwood, Haslett; supported 2019 Recommended Budget (Item 11A). Also in support of Walnut Hills Consent Judgment (Item 11B); Supports Medical Marijuana (Item 13A), stated that as a Prime Community, Township Board needs to consider the needs of all citizens when

deliberating and keep an open mind, some citizens need access to marijuana as a medicine (Item 13A).

Bryan Madle, 1434 Smithfield Ave, East Lansing; supported Medical Marihuana Ordinance (Item 13A); Stated that the Board should not worry about caps on number of facilities – zoning and regulation process will reduce applicants, and Township should allow provisioning centers in retail zoning, not just industrial, because retail provides a safe location for access to medicine.

Cathleen Heath, 2607 Robins Way, Okemos; opposed Rezoning #18080 (Item 13C), worried of the impact on the surrounding community. Stated that if development is to take place, it should be within current zoning and restricted to seven homes. Presented 69 signatures in opposition.

Thomas Wolff, 2595 Robins Way, Okemos; opposed 13C. Concerned with the smaller sizes of homes and higher density that would be permitted, and its inconsistency with surrounding developments.

Jim Giguere, 6253 Bennet Court, East Lansing; supported Item 13C. Stated that current proposal would allow for a development that would limit impact on the surrounding properties and meet concerns of neighbors.

Travis Wilson, 2180 Cider Mill Drive, East Lansing; supported Item 13A. Opinion that his current work as a hospice nurse illustrated positive impact of medical marijuana, previous job as paramedic resulted in treating many alcohol and drug overdoses – but none for marijuana, asked Board to set-aside stigmas and keep an open mind to provide access to medicine for those who may need it.

Alina Gorelik, 2577 Robins Way, Okemos; opposed to 13C. Seconded concern with density inconsistencies.

Brent Felton, 2470 Robin’s Way; opposed to 13C. Stated that it would make more sense to make zoning density consistent.

Supervisor Styka closed public remarks at 6:48 pm.

- 6. TOWNSHIP MANAGER REPORT
- 7. BOARD MEMBER REPORTS AND ANNOUNCEMENTS

Supervisor moved to remove Item 7 from the Agenda. Supported by Treasurer Brixie.

- 8. APPROVAL OF AGENDA

Trustee Jackson moved to approve the Agenda with amendments. Seconded by Treasurer Brixie.

VOICE VOTE: Motion carried 6-0

- 9. CONSENT AGENDA

Supervisor Styka reviewed the consent agenda.

Clerk Dreyfus moved to adopt the Consent Agenda. Seconded by Trustee Opsommer.

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

NAYS:
Motion carried 6-0

A. Communications

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 Trustee Opsommer.

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

NAYS:
Motion carried 6-0

B. Minutes – August 21, 2018 Regular Meeting

Clerk Dreyfus moved to approve and ratify the minutes of the Regular Meeting of August 21st, 2018 as submitted. Seconded by Trustee Opsommer.

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

NAYS:
Motion carried 6-0

C. Bills

Clerk Dreyfus moved to approve that the Township Board approve the Manager’s Bills as follows, seconded by Trustee Opsommer:

| | | | |
|--|------------------------|----|---------------------|
| Common Cash | | \$ | 372,444.64 |
| Public Works | | \$ | 129,477.59 |
| Trust & Agency | | \$ | 5,731,445.54 |
| | Total Checks | \$ | 6,233,367.77 |
| Credit Card Transactions | | \$ | 8,324.55 |
| Aug. 16 th to Aug. 29 th | | | |
| | Total Purchases | \$ | <u>6,241,692.32</u> |
| ACH Payments | | \$ | <u>550,204.14</u> |

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

NAYS:
Motion carried 6-0

9. QUESTIONS FOR THE ATTORNEY - NONE

10. HEARINGS

A. 2019 Recommended Budget

Public hearing called to order at 6:50 pm

Neil Bowlby, 6020 Beechwood, Haslett; commented on the use of “outside services” and the definition of “policy governance,” thinks it needs to be removed. Concerned with general fund numbers and opinion that the numbers don’t account for proper percentages or inflation.

Public hearing closed at 6:54 pm

Manager Walsh responded to citizen concerns: current general fund percentage is a healthy number and the funds spent that have lowered the balance have been necessary expenditures.

Board member response that initial Board expectation about Fund Balance was based on operating expenditures, not total expenditures.

B. Summer Park Realty (Walnut Hills) Consent Judgment

Public hearing called to order at 6:56 pm

Director Kieselbach presented details of the Consent Judgment; timeline of the initial proposal for rezoning, subsequent denial, and current court-ordered mediation. Discussed Concept Plan (with two variations based on DEQ approval or denial of wetland issue), zoning and attached conditions, including and proposed demolitions of current structures. Density is consistent with the 2005 Master Plan and the current Master Plan (2017). Planned Unit Developments (PUD) requirement that 50% of land (excluding wetlands) remain open space; current plan provides 54%.

Scott Brinkmeyer, Mika Meyers PLC, Consent Judgment Mediator; presented on his role during the mediation; covering his background and the reason for his appointment. Stressed the importance of parties voluntarily coming in to discuss the judgement, dragging the process out can exhaust both parties’ resources. Stated that this process is the chance to sit down and design the results. Noted that the consent judgment was found with integrity and due consideration from all parties.

Alan Greene, Dykema Law Firm, Representative for Summer Park Realty. Presented the developer’s perspective of the consent judgement proceedings. Stated that after being denied the original rezoning, the developer crafted a plan that would take the considerations of the Township Master Plan, as well as those considerations of neighbors and surrounding properties. Noted that the proposed development provides high-end properties that are lower density than most properties in the area, lots of green space, and thoughtfulness to neighbors and their boundaries.

Township Attorney Fahey commented on the status and focus of the mediation. Stated that previous proposals lack of a specific plan that didn’t give a whole picture of the development, and over-all density and development buffers were very important in the mediation.

Neil Bowlby, 6020 Beechwood, Haslett; questioned if the recreational amenities – trails, pocket parks, benches, etc – would be open to the public. Asked if the house spacing is in accordance with fire department.

Ben Louagie, 6118 Skyline Drive, Haslett: questioned if this proposal would be transferable to another developer.

Mr. Fahey: the proposal would be a transferable right, development would be able to proceed even after changing hands. Property owner would decide if public had access to amenities.

Bill Flynn, 6086 Skyline Drive, Haslett; questioned if two driveways to the proposed development would be enough, if the property owner would be paying for traffic lights at new intersections, and if this would negatively impact surrounding schools.

Manager Walsh: Schools had been approached and they have been satisfied with the proposal.

Mr. Fahey: The County decides what traffic signals are needed and it would be included in conditions of the proposal, proposed driveways need to meet Township requirements but would ultimately be determined by the County.

Jan Jenkins, 6063 Skyline, Haslett; questioned what the value of the houses and condos would be, and showed concern with the 10 foot set-backs between the structures.

Mr. Green: Values will be determined as site-plan develops further. Stated that 10 foot set-back between buildings is the minimum, most homes will have larger distances between them.

Candy Bennet, 6305 Skyline; concerned with the home sizes, the historic nature of the property, proposed open space, and what foliage will be used.

Connie Maundu-Tajak, 6025 Dawn Avenue, Haslett: concerned with the detention pond locations, questioned the impact of these ponds on the safety of surrounding properties

Director Kieselbach: Identified existing wetland in the Dawn Avenue area and stated that proposed detention ponds still need full consideration from County Drain Commissioner.

Erin Recktenwald, 6035 Dawn Avenue, Haslett; seconded concern with proposed detention pond locations.

Ben Louagie, 6118 Skyline Drive, Haslett: questioned the process required for any changes to be made to the development after approval.

Mr. Fahey: Any changes have to be mutually agreeable and be in harmony with the spirit of the original agreement. Some specific things (number of homes) will not be allowed to be changed.

Public hearing closed at 7:51 pm

12. ACTION ITEMS

A. Update Property Maintenance Code – Final Adoption

Trustee Deschaine moved to adopt the resolution for final adoption of Ordinance No. 2018-10, an amendment to Article III of Chapter 14 of the Code of Ordinances, the Property Maintenance Code. Seconded by Trustee Opsommer.

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

NAYS:
Motion carried 6-0

B. Order to Maintain Sidewalk Resolution #3

Treasurer Brixie moved to approve the 2018 Order to Maintain Sidewalk Special Assessment District #18, Resolution #3, which approves repair and maintenance of sidewalk in portions of the following areas: Banyon Park; Briarwood #5; East Lansing Athletic Club and Health Service Pavilion; Forest Hills #6; Heritage Hills #4; Heritage Office Park; Hiawatha Lakes #5, 6, 7, & 8; Northport of Meridian Condos; Okemos Point Office Park; Old English Estates #2; Spring Lake #2, & 5; Trails at Lake Lansing #3; Whitehills Lakes #4; Wildflower Estates #2; also 5800 Benson Drive; 2859 & 2947 Eyde Parkway; 4750 Hagadorn; 2841 Hannah; 1660 Haslett; 3950 Heritage; and 3681 Okemos, which are located in Sections: 2, 3, 5, 8, 10, 15, 16, 20, 27, 33, and 34, and to defray the cost by special assessment; approves the cost estimate of \$22,640.96; determines the special assessment district; directs the making of an assessment roll; and directs notices be sent to the property owners indicating they have 20 days to replace or make safe the defective sidewalk. Seconded by Trustee Opsommer.

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

NAYS:
Motion carried 6-0

13. BOARD DISCUSSION ITEMS

A. Medical Marihuana Ordinance

Director Kieselbach reviewed the proposal; covered the current proposed zoning map and all set-back parameters. Discussed overlay districts that could be established to allow for Medical Marijuana Facilities in designated commercial, industrial, and mixed-use zones.

Board Discussion: overlay district parameters; impact and distances of setbacks on availability of locations, possibility and size of caps for various facilities, current vacancies on potential sites with appropriate zoning and setbacks, grow facility issues/overlays, locations for different types of facilities, impact of passing recreational marijuana, application system (lottery, first-come, review-basis), selection criteria causing "millionaire making," mixed-use inclusion in overlay, compromise proposal of 6 facilities of each kind (total of 30 facilities) at 6 possible overlay sites.

B. Summer Park Realty (Walnut Hills) Consent Judgement

Board Discussion: current property maintenance, vegetation buffer locations, site-plan review process, strengths of consent judgment, detention pond locations, risk of losing lawsuit to keep property zoned RR, possibility of reforestation open-space, current plan status as a concept.

Board consensus to bring the item back for action at the next regular meeting.

C. Rezoning #18080 (Giguere Homes)

Board discussion: neighborhood and developer could meet to discuss concerns, Giguere agreed if rezoning process could continue as scheduled after next Board meeting.

Trustee Jackson moved to table for further discussion. Supported by Treasurer Brixie.

VOICE VOTE: Motion carried 6-0

D. 6365 Newton Road Concept Plan

Director Kieselbach explained the proposed concept plan as a commercial and residential mixed-use zone.

Board discussion: commercial tenant identity, buffer boundaries, impervious surface levels, development proposal language, housing type variety, property use and layout, traffic implications, scale of the site, concern that developer was not present at this Concept Plan meeting, explanation provided was developer incorrectly scheduled meeting.

Board consensus to put the item back on the agenda for further discussion.

E. 2019 Recommended Budget

Director Mattison explained the current status of the 2019 Recommended Budget.

Board discussion: departmental operational costs, budget cuts and increases, departmental staffing costs, Meridian Redevelopment Fund budget allocation concerns, budget surplus impacts, priority expenditures, paying off pension liability in 10 years, budgeting for roads, possible new position for 2019 – Director of Community Sustainability position.

14. COMMENTS FROM THE PUBLIC

Supervisor Styka Opened Public Remarks at 10:24 pm.

Brian Madle, 1434 Smithfield Ave, East Lansing; supported the discussion on Medical Marijuana (Item 13A), stated that zoning choices can make businesses more or less appealing, Meridian currently promotes surrounding communities to come to Township to use business services, likewise, Board should encourage “outsiders” to use Meridian provisioning centers.

Mike Moore, 6092 East Longview Drive, East Lansing; supported Item 11B, stated the site-review process needs to provide for emergency vehicle access to streets in the development; concerned with the proposed sewer system plan.

Supervisor Styka Closed Public Remarks at 10:31 pm.

15. OTHER MATTERS AND BOARD MEMBER COMMENTS

Director Perry discussed sanitary sewer system capacity, existing lift stations, Residential Equivalent Units (REU) to create baseline and impact on system, taxes do not pay for utilities, enterprise funds via utility service charges pay for water and sewer. Discussion on road funding for private vs. public roads, County vs Township responsibilities, emergency vehicle ingress and egress.

Treasurer Brixie reported:

- Summer Property Taxes due Sept. 14th at 5:00 pm
- Criminal Sexual Assault Prevention Committee (CSAP) meeting on Sept. 21st 11 am – noon.
- CSAP Initiative Public Forum with guest panel Sept. 21st
- CSAP “Stewards of Children” training Oct. 18th & 25th 6 -8 pm in the Township Hall Room
- Tri-County Planning Commission has conducted interviews for a new director

Trustee Opsommer reported:

- CATA Redi-Ride service extensions have taken effect
- Thanked Trustee Deschaine for attending CATA Board mtg that he was unable to attend
- Meridian Cares offering discounted fare bus passes
- Downtown Development Association (DDA) subcommittee report will be given at Sept. 11 Township Board special meeting

Clerk Dreyfus reported:

- Video produced on high-speed tabulator problems and sent to Board and County Clerk
- Election Source recommended Meridian Township upgrade to larger tabulator for November 2018 General Election
- Met with Meridian Senior Center Executive Director for election inspector recruitment
- Attended Capital Area Municipal Clerk’s meeting – discussed “Emily FOIA” issues

Trustee Deschaine reported:

- Economic Development Corporation (EDC) meeting Sept. 6th at 7 am in Township Hall Room
- Towner Road Park ribbon cutting Sept. 8th at 12 pm

Supervisor Styka reported:

- Study session on Sept. 11 at 6 pm in Township Hall Room regarding Downtown Okemos proposed development, tax increment financing in that area
- Attended Corridor Improvement Authority meeting
- Attended Capital Area Council of Governments meeting

16. ADJOURNMENT

Trustee Deschaine moved to adjourn. Seconded by Treasurer Brixie

VOICE VOTE: Motion carried 6-0.

Supervisor Styka adjourned the meeting at 10:45 pm

17. POSTSCRIPT - NONE

RONALD J. STYKA,
TOWNSHIP SUPERVISOR

BRETT DREYFUS,
TOWNSHIP CLERK



To: Board Members
From: Miriam Mattison, Finance Director
Date: September 18, 2018
Re: Board Bills

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

| | | |
|--|----|---------------------|
| COMMON CASH | \$ | 418,203.77 |
| PUBLIC WORKS | \$ | 325,905.69 |
| TRUST & AGENCY | \$ | 5,194,773.82 |
| TOTAL CHECKS: | \$ | 5,938,883.28 |
| CREDIT CARD TRANSACTIONS Aug 16th to Aug 29th | \$ | 8,653.08 |
| TOTAL PURCHASES: | \$ | <u>5,947,536.36</u> |
| ACH PAYMENTS | \$ | <u>680,781.96</u> |

| Vendor Name | Description | Amount | Check # |
|--------------------------------|---|-----------|---------|
| 1. 2/42 COMMUNITY CHURCH | FINAL PM'T SENIOR BRUNCH TRIBUTE | 120.00 | |
| 2. A C & E RENTALS INC | BOBCAT AUGER ATTACHMENT | 60.00 | |
| 3. AFFORDABLE TIRE | STATE CONTRACT TIRES | 1,168.56 | |
| | STATE CONTRACT TIRES | 404.12 | |
| | TOTAL | 1,572.68 | |
| 4. AIRGAS GREAT LAKES | STANDING PO - MEDICAL OXYGEN | 57.75 | |
| | STANDING PO - MEDICAL OXYGEN | 490.15 | |
| | TOTAL | 547.90 | |
| 5. AIS CONSTRUCTION EQUIPMENT | EMERGENCY VACTOR REPAIR | 1,212.73 | |
| 6. APOLLO FIRE EQUIPMENT | FIRE HELMET FOR FIRE CHEIF | 298.89 | |
| 7. APPAREL PRINTERS LTD | DEPARTMENT UNIFORM T-SHIRTS | 770.00 | |
| 8. AT & T | MONTHLY SERVICE | 30.00 | |
| 9. AT & T | MONTHLY SERVICE | 128.37 | |
| | MONTHLY SERVICE | 158.29 | |
| | MONTHLY SERVICE | 281.40 | |
| | MONTHLY SERVICE | 160.67 | |
| | MONTHLY SERVICE | 372.90 | |
| | MONTHLY SERVICE | 541.79 | |
| | MONTHLY SERVICE | 581.79 | |
| | TOTAL | 2,225.21 | |
| 10. AUTO VALUE OF EAST LANSING | FLEET REPAIR PARTS 2018 | 48.99 | |
| | FLEET REPAIR PARTS 2018 | 83.29 | |
| | FLEET REPAIR PARTS 2018 | 11.89 | |
| | TOTAL | 144.17 | |
| 11. AVI SYSTEMS INC | ARCHIVE EQUIPMENT PROJECT | 85,119.98 | |
| 12. B & D ELEVATOR INC. | QTR ELEVATOR MAINTENANCE ON 8/30/18 | 145.00 | |
| 13. BAKEWELL, LLC | FARM MARKET VENDOR | 16.00 | |
| 14. BANNASCH WELDING INC | FAGRECAFE FRAME FOR O2 BOTTLE FILLER | 1,653.77 | |
| 15. BARYAMES CLEANERS | STANDING PO FOR UNIFORM CLEANING | 69.00 | |
| 16. BOBCAT OF LANSING | RIGHT DOOR GLASS 26-308 | 500.15 | |
| 17. DEBORAH M BRODSKY, LLC | ARBITRATOR CASE #01-0007-3061 | 3,515.40 | |
| 18. JEFFORY BROUGHTON | RADIO MAINTENANCE FOR POLICE | 221.50 | |
| | RADIO MAINTENANCE FOR POLICE | 13.00 | |
| | RADIO MAINTENANCE FOR POLICE | 146.50 | |
| | RADIO MAINTENANCE FOR POLICE | 75.00 | |
| | TOTAL | 456.00 | |
| 19. BSN SPORTS | BELTS FOR FLAG FOOTBALL | 228.05 | |
| | MESH BALL NETS FOR SOCCER & FLAG FOOTBALL | 238.67 | |
| | TOTAL | 466.72 | |

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DB: Meridian

INVOICE APPROVAL BY INVOICE REPORT FOR CHARTER TOWNSHIP OF MERIDIAN
EXP CHECK RUN DATES 09/18/2018 - 09/18/2018
JOURNALIZED OPEN AND PAID
BANK CODE: GF

| Vendor Name | Description | Amount | Check # |
|--------------------------------------|---|-----------|---------|
| 20. CHRIS BUCK | REIMB MILEAGE TO MEDA ANNUAL MEETING | 80.01 | |
| 21. CAPITAL AERIAL IMAGING | WEBSITE IMPROVEMENTS | 125.00 | |
| 22. CITY PULSE | TWP NOTICES | 33.20 | |
| 23. COMCAST CABLE | MONTHLY SERVICE | 149.85 | |
| 24. COMPLETE BATTERY SOURCE | 12V BATTERY FOR SPEEDBOX | 59.46 | |
| 25. CONSUMERS ENERGY | MONTHLY SERVICE | 7.74 | |
| 26. COURTESY FORD | FLEET REPAIR PARTS 2018 | 336.21 | |
| | FLEET REPAIR PARTS 2018 | 79.81 | |
| | TOTAL | 416.02 | |
| 27. DBI | 12 BINDERS | 23.40 | |
| | WHITE COPY PAPER | 1,016.60 | |
| | BINDERS | 7.77 | |
| | TOTAL | 1,047.77 | |
| 28. DEWITT FENCE CO | SUPPLY AND INSTALL ENTRANCE GATE AND BARRIER FENCE PER QUOTE | 3,750.00 | |
| 29. DIEDERICH AND SONS PRODUCE | FARM MARKET VENDOR | 162.00 | |
| 30. ENVIROSIGN | FOUR SIGNS FOR LAND PRESERVATION PROPERTIES | 4,558.00 | |
| 31. FAHEY SCHULTZ BURZYCH RHODES PLC | LEGAL FEES | 120.00 | |
| | LEGAL FEES | 60.00 | |
| | LEGAL FEES | 80.00 | |
| | LEGAL FEES | 640.00 | |
| | LEGAL FEES | 80.00 | |
| | LEGAL FEES | 460.00 | |
| | LEGAL FEES | 80.00 | |
| | LEGAL FEES | 40.00 | |
| | LEGAL FEES | 60.00 | |
| | LEGAL FEES | 2,820.00 | |
| | LEGAL FEES | 300.00 | |
| | LEGAL FEES | 300.00 | |
| | LEGAL FEES | 60.00 | |
| | LEGAL FEES | 2,374.00 | |
| | LEGAL FEES | 221.00 | |
| | LEGAL FEES | 300.00 | |
| | LEGAL FEES | 60.00 | |
| | LEGAL FEES | 842.00 | |
| | LEGAL FEES-LAND PRESERVE | 1,076.00 | |
| | LEGAL FEES | 434.00 | |
| | LEGAL FEES | 260.00 | |
| | LEGAL FEES | 4,876.00 | |
| | LEGAL FEES | 2,896.00 | |
| | TOTAL | 18,439.00 | |
| 32. FEDEX | SHIPPING | 12.80 | |
| 33. DAVE FELDPAUSCH | FARM MARKET VENDOR | 16.00 | |
| 34. FIRE SERVICE MANAGEMENT | REPAIR FIRE GEAR | 111.25 | |
| 35. FIRST COMMUNICATIONS | MONTHLY SERVICE | 898.44 | |

| Vendor Name | Description | Amount | Check # |
|---------------------------------------|---|-----------|---------|
| 36. FISHBECK, THOMPSON, CARR & HUBER | PROFESSIONAL SERVICES - WUP18-02 | 10,148.15 | |
| 37. FORESIGHT GROUP | NAME PLATES | 55.20 | |
| 38. H.C. BERGER COMPANY | CONTRACT BILLING | 26.89 | |
| 39. HAMMOND FARMS | 5'-6' STONE BENCH FOR HNC | 615.75 | |
| 40. ANN HARVEY | ELECTION INSPECTOR - AUGUST | 248.50 | |
| 41. MITAO HOU | REFUND RENTAL PROPERTY REGISTRATION | 800.00 | |
| 42. IRON MOUNTAIN | RECORD SHREDDING SERVICE | 51.82 | |
| 43. JOHN DEERE FINANCIAL | FLEET FUEL 2018 | 7,963.22 | |
| | FLEET FUEL AUG -DEC 2018 | 1,371.78 | |
| | FLEET FUEL AUG -DEC 2018 | 5,220.00 | |
| | TOTAL | 14,555.00 | |
| 44. JOHNNY MAC'S | 1-8TH GRADE BASEBALL SOFTBALL OKEMOS HASLETT BELTED PANTS | 99.50 | |
| 45. KAMMINGA & ROODVOETS | CONCRETE REPAIR CONTRACT 2018 | 34,955.80 | |
| 46. KEYSTONE PRINTING GROUP | BUSINESS CARDS | 84.85 | |
| 47. LANSING JUNK REMOVAL | JUNK REMOVAL @ 2150 KENT ST | 810.00 | |
| 48. LANSING SANITARY SUPPLY INC | STANDING PO FOR CLEANING SUPPLIES/EQUIPMENT | 144.94 | |
| 49. LANSING UNIFORM COMPANY | STANDING PO FOR UNIFORMS | 232.75 | |
| | STANDING PO FOR UNIFORMS | 109.90 | |
| | STANDING PO FOR UNIFORMS | 175.00 | |
| | STANDING PO FOR UNIFORMS | 219.80 | |
| | STANDING PO FOR UNIFORMS | 219.80 | |
| | TOTAL | 957.25 | |
| 50. LAUX CONSTRUCTION LLC | REFUND OVERPM'T BUILDING PERMIT-LAUNCH TRAMPOLINE PARK | 6,000.00 | |
| 51. IRMA JEAN LILLROSE | ELECTION INSPECTOR - AUGUST | 234.75 | |
| 52. LUKE LANDSCAPE CO | MOWING SERVICES-3203 BIRCH ROW DR | 55.00 | |
| | MOWING SERVICES-1600 JOLLY RD | 85.00 | |
| | MOWING SERVICES-986 JOLLY RD | 85.00 | |
| | MOWING SERVICES-5440 VAN ATTA RD | 105.00 | |
| | MOWING SERVICES-3557 VAN ATTA RD | 105.00 | |
| | TOTAL | 435.00 | |
| 53. MAULDON BROTHERS CONSTRUCTION LLC | GRAND RIVER/SIRHAL-JODON WATER MAIN 2018 | 45,523.75 | |
| 54. MCLAUGHLIN FARM LTD | FARM MARKET VENDOR | 26.00 | |
| 55. MERIDIAN TOWNSHIP | TRANSFER FOR FLEX CKING P/R 9/14/18 | 763.61 | |
| 56. MEDICAL MANAGEMENT SYSTEMS OF | AMBULANCE BILLING SERVICE | 9,262.58 | |
| 57. MERIDIAN MALL | PM'T FOR SHARED PORTION OF FARMERS MKT REVENUE | 720.15 | |
| 58. MICHAEL L METZGER | FARM MARKET VENDOR | 46.00 | |

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 DB: Meridian

INVOICE APPROVAL BY INVOICE REPORT FOR CHARTER TOWNSHIP OF MERIDIAN
 EXP CHECK RUN DATES 09/18/2018 - 09/18/2018
 JOURNALIZED OPEN AND PAID
 BANK CODE: GF

| Vendor Name | Description | Amount | Check # |
|----------------------------------|---|-----------|---------|
| 59. MIKA MEYERS | PROFESSIONAL SERVICES THROUGH 8/31/18 | 1,382.50 | |
| 60. MICHIGAN BATTERY | BATTERY JUL - DEC 2018 | 142.20 | |
| 61. MICHIGAN CAT | REPLACE OIL PUMP AND FUEL INJECTORS WATER VACTOR | 3,858.28 | |
| 62. MID MICHIGAN PONDS | TREATMENT 8/14/18 | 350.00 | |
| 63. MOORE MEDICAL LLC | STANDING PO FOR MEDICAL SUPPLIES/EQUIPMENT | 24.45 | |
| | STANDING PO FOR MEDICAL SUPPLIES/EQUIPMENT | 1,948.72 | |
| | BATTERIES FOR STOCK | 140.38 | |
| | STANDING PO FOR MEDICAL SUPPLIES/EQUIPMENT | 2,260.25 | |
| | TOTAL | 4,373.80 | |
| 64. MICHIGAN STATE UNIVERSITY | PURCHASE OF MSU SURPLUS STREET SWEEPER | 19,000.00 | |
| 65. MUNETRIX LLC | LEVEL 3 MUNICIPAL LICENSE-TRANSPARENCY EDITION | 4,620.70 | |
| 66. NAPA | FLEET REPAIR PARTS 2018 | 47.28 | |
| | FLEET REPAIR PARTS 2018 | (89.92) | |
| | FLEET REPAIR PARTS 2018 | 271.74 | |
| | FLEET REPAIR PARTS 2018 | 218.82 | |
| | TOTAL | 447.92 | |
| 67. NATIONAL RESEARCH CENTER INC | 2018 CITIZEN SURVEY | 9,900.00 | |
| 68. NETWORKFLEET, INC | VEHICLE TRACKING SYSTEM | 56.85 | |
| 69. OHM ADVISORS | RAILROAD QUIET ZONE PROFESSIONAL SERVICES- FEASIBILITY AND ENGINEERING | 8,225.00 | |
| 70. PECKHAM | JANITORIAL SERVICES PSB, HARRIS ,MB,SC 2018 | 6,391.99 | |
| 71. PEOPLEFACTS LLC | PROFESSIONAL SERVICES | 16.67 | |
| 72. MERIDIAN TOWNSHIP PETTY CASH | JEOPARDY ASSESSMENT-PRECISION MOTER TRANSPORT | 30.00 | |
| | PARKING @ HR LAW SEMINAR | 12.00 | |
| | PARKING LAW TRAINING | 28.45 | |
| | TAILOR UNIFORM | 30.00 | |
| | BIKE LOCK-SHARE PROGRAM | 29.99 | |
| | INGHAM CO REGISTER OF DEEDS-PATHWAY EASEMENTS | 4.00 | |
| | INGHAM CO DRAIN-PERMIT OLD RABY DRAIN | 5.00 | |
| | PARKING-TRAINING SOM | 8.00 | |
| | JEOPARDY ASSESSMENT-RUBY TUESDAY | 30.00 | |
| | CATA PASSES | 10.00 | |
| | TOTAL | 187.44 | |
| 73. PITNEY BOWES | LEASING CHARGES | 943.65 | |
| 74. THE POLACK CORPORATION | CONTRACT SERVICES | 976.04 | |
| 75. PRINT MAKERS SERVICE INC | PRINT WORK-EMPLOYEE APPRECIATION GRIDS | 19.95 | |
| 76. PURE GREEN | SEASONAL WEED AND FEED SOCCER/ SOFTBAL FIELDS | 1,725.00 | |
| 77. QUALITY TIRE INC | STATE CONTRACT TIRES 2018 | 518.56 | |

| Vendor Name | Description | Amount | Check # |
|--|---|------------|---------|
| 78. MERIDIAN TOWNSHIP RETAINAGE | | | |
| | CONCRETE REPAIR CONTRACT 2018 | 4,016.35 | |
| | PATHWAY BRIDGE REHAB 2017-YOUNGSTROM | 8,275.50 | |
| | GRAND RIVER/SIRHAL-JODON WATER MAIN 2018 | 2,006.25 | |
| | TOTAL | 14,298.10 | |
| 79. ROWERDINK AUTOMOTIVE PARATS | | | |
| | BATTERY | 165.00 | |
| | BATTERIES & CORE CHARGES | 426.56 | |
| | BATTERY & CORE CHARGE | 120.25 | |
| | TOTAL | 711.81 | |
| 80. BETTY ANNE RUPLEY | | | |
| | FARM MARKET VENDOR | 7.00 | |
| 81. SHAHEEN CHEVROLET INC | | | |
| | EMERGENCY REPAIR-AMBULANCE | 558.23 | |
| 82. SPARROW CARES | | | |
| | CARES - 1ST QUARTER BILLING | 950.00 | |
| | CARES - 2ND QUARTER BILLING | 950.00 | |
| | CARES - 3RD QUARTER BILLING | 950.00 | |
| | TOTAL | 2,850.00 | |
| 83. SPRINT | | | |
| | CELLULAR PHONE SERVICE FOR SGT'S VEHICLES | 97.29 | |
| 84. STANDARD ELECTRIC CO | | | |
| | ELECTRIC SUPPLIES 2018 | 130.86 | |
| | ELECTRIC SUPPLIES 2018 | 130.86 | |
| | TOTAL | 261.72 | |
| 85. SUPREME SANITATION | | | |
| | PORTABLE TOILET RENTAL | 315.00 | |
| 86. VERIZON WIRELESS | | | |
| | MONTHLY SERVICE | 3,002.94 | |
| 87. YOUNGSTROM CONTRACTING | | | |
| | PATHWAY BRIDGE REHAB 2017 | 77,224.50 | |
| 88. ZOLL MEDICAL CORP | | | |
| | STANDING PO FOR EKG SUPPLIES/EQUIPMENT | (596.25) | |
| | STANDING PO FOR EKG SUPPLIES/EQUIPMENT | 981.25 | |
| | TOTAL | 385.00 | |
| TOTAL - ALL VENDORS | | 418,203.77 | |
| FUND TOTALS: | | | |
| Fund 101 - GENERAL FUND | | 95,052.62 | |
| Fund 203 - LOCAL ROADS | | 42,612.85 | |
| Fund 204 - PEDESTRIAN BIKEPATH MILLAGE | | 90,443.30 | |
| Fund 208 - PARK MILLAGE | | 4,709.13 | |
| Fund 209 - Land Preservation Millage | | 5,634.00 | |
| Fund 211 - PARK RESTRICTED/DESIGNATED | | 1,608.90 | |
| Fund 230 - CABLE TV | | 85,301.52 | |
| Fund 246 - TIRF | | 47,530.00 | |
| Fund 250 - COMMUNITY NEEDS FUND | | 10.00 | |
| Fund 661 - MOTOR POOL | | 45,301.45 | |

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INVOICE APPROVAL BY INVOICE REPORT FOR CHARTER TOWNSHIP OF MERIDIAN
 EXP CHECK RUN DATES 09/18/2018 - 09/18/2018
 JOURNALIZED OPEN AND PAID
 BANK CODE: PW

| Vendor Name | Description | Amount | Check # |
|--------------------------------------|--|------------|---------|
| 1. MRS. S. ANIBAL | REFUND OVERPMT FIANL #FUHA-001228-0000-01 | 33.53 | |
| 2. BLACKBURN MFG CO | 12 CASES OF BLUE PAINT | 511.24 | |
| 3. MAGESH BOODHAGURU | REIMB PGE#17-29 @ 1383 KALORAMA | 2,000.00 | |
| 4. CUMMINS BRIDGEWAY LLC | EMERGENCY GENERATOR REPAIR | 200.00 | |
| | EMERGENCY GENERATOR REPAIR | 586.38 | |
| | TOTAL | 786.38 | |
| 5. CITY OF EAST LANSING | OPERATION COSTS-SEPTEMBER | 258,171.25 | |
| 6. AUGUST COLANDREA | REFUND OVERPMT FINAL #TOMA-001915-0000-02 | 43.04 | |
| 7. BEVA COMPASS BANK | TANK INSPECTION SERVICE FOX HOLLOW/NEWTON RD | 1,410.00 | |
| 8. DEAN CRAVEN | REFUND OVERPMT FINAL #RABY-002154-0000-01 | 13.82 | |
| 9. FERGUSON WATERWORKS #3386 | 3" COMPOUND METER | 2,404.45 | |
| 10. GIGUERE HOMES INC. | REIMB PGE#18-17 @ 2308/2310 FIELDSTONE | 2,000.00 | |
| | REFUND OVERPMT FINAL #FENW-006247-0000-01 | 45.19 | |
| | REFUND OVERPMT FINAL #GIES-005037-0000-01 | 10.25 | |
| | TOTAL | 2,055.44 | |
| 11. HAMMOND FARMS | PRO SOIL | 145.00 | |
| 12. THUAN HOANG LE | REIMB PGE#18-30 @ 273 CHIMNEY OAKS | 2,000.00 | |
| 13. KAMMINGA & ROODVOETS | CONCRETE REPAIR CONTRACT 2018 | 1,191.35 | |
| 14. KIWANIS CLUB OF HASLETT-OKEMOS | ANNUAL DUES | 135.00 | |
| 15. LAWRENCE BUILDING CORPORATION | REIMB PGE#16-04 @ 1800 NEWMAN RD | 3,325.00 | |
| 16. CORY LEWANDOWSKI | REFUND OVERPMT FIANL #SOWE-002399-0000-02 | 43.53 | |
| 17. LAURA LIEBLER | REFUND OVERPMT FINAL #FIST-002343-0000-02 | 14.51 | |
| 18. MAYBERRY HOMES | REIMB PGE#17-01 @ 2525 LUPINE | 2,000.00 | |
| | REIMB PGE#18-20 @ 1450 KALORAMA | 2,000.00 | |
| | REIMB PGE#18-19 @ 6319 QUAIL | 2,000.00 | |
| | REIMB PGE#18-23 @ 1430 KALORAMA | 2,000.00 | |
| | TOTAL | 8,000.00 | |
| 19. MIDWEST POWER EQUIPMENT | CREDIT FROM 6/7/17 - PAID TWICE? | (154.86) | |
| | CREDIT FROM 9/25/17 - PAID TWICE ? | (51.99) | |
| | REPAIR CUTOFF SAW | 103.93 | |
| | HONDA GENERATOR 2200 WATT INV EAJT | 1,764.00 | |
| | TOTAL | 1,661.08 | |
| 20. PERCEPTIVE CONTROLS | REPAIR OF PLC FAULT | 624.50 | |
| | HMI HARDWARE AND PROGRAMMING | 4,949.00 | |
| | TOTAL | 5,573.50 | |
| 21. PLUMMER'S ENVIRONMENTAL SERVICES | TELEVISED LATERALS FOR INSPECTION | 775.15 | |
| 22. CARL SCHLEGEL INC | SAND, GRAVEL, TOP SOIL 2018 | 880.00 | |

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INVOICE APPROVAL BY INVOICE REPORT FOR CHARTER TOWNSHIP OF MERIDIAN
EXP CHECK RUN DATES 09/18/2018 - 09/18/2018
JOURNALIZED OPEN AND PAID
BANK CODE: PW

| Vendor Name | Description | Amount | Check # |
|-------------------------------------|---|------------|---------|
| 23. SCHROEDER BUILDERS | REIMB PGE#18-03 @ 1389 KALORAMA | 2,000.00 | |
| 24. SIGNATURE LAND DEVELOPMENT CORP | REIMB PARTIAL PGE#17-32 @ WHITEHILLS LAKES SOUTH #2 | 16,715.00 | |
| 25. FELIXA SUPIT | REFUND OVERPM'T FINAL #HEAT-002646-0000-02 | 168.52 | |
| 26. TRI-COUNTY REGIONAL PLANNING | FAIR SHARE PLEDGE GROUNDWATER MGMT 2018/2019 | 13,702.00 | |
| 27. TRI TITLE AGENCY LLC | REFUND OVERPM'T FINAL #JONQ-003926-0000-02 | 135.39 | |
| | REFUND OVERPM'T FINAL #PORT-006282-0000-03 | 197.45 | |
| | REFUND OVERPM'T FINAL #SAPP-002304-0000-01 | 168.92 | |
| | REFUND OVERPM'T FINAL #PORT-006282-0000-03 | 197.45 | |
| | REFUND OVERPM'T FINAL #HASL-001753-0000-01 | 138.05 | |
| | REFUND OVERPM'T FINAL #HAMI-002220-0000-07 | 235.49 | |
| | TOTAL | 1,072.75 | |
| 28. ULINE | CONFINED SPACE HARNESS | 610.32 | |
| 29. VERIZON WIRELESS | MONTHLY SERVICE | 463.83 | |
| TOTAL - ALL VENDORS | | 325,905.69 | |
| FUND TOTALS: | | | |
| Fund 590 - SEWER FUND | | 45,829.50 | |
| Fund 591 - WATER FUND | | 280,076.19 | |

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 DB: Meridian

INVOICE APPROVAL BY INVOICE REPORT FOR CHARTER TOWNSHIP OF MERIDIAN
 EXP CHECK RUN DATES 09/18/2018 - 09/18/2018
 BOTH JOURNALIZED AND UNJOURNALIZED OPEN AND PAID
 BANK CODE: TA

| Vendor Name | Description | Amount | Check # |
|------------------------------------|--|--------------|---------|
| 1. ADAM T DELANEY | REFUND DEC BOR #33-02-02-29-402-055 | 14.71 | |
| 2. AUTOZONE & LAW OFF OF F. GORDON | REFUND OVERPM'T TAX-MMT ORDER#18-002119 | 993.39 | 12389 |
| 3. EAST LANSING PUBLIC SCHOOLS | 2018 SUMMER TAX COLLECTION | 98,563.72 | 12376 |
| | 2018 SUMMER TAX COLLECTION | 455,767.89 | 12382 |
| | TOTAL | 554,331.61 | |
| 4. BETH FAROUGI | REFUND OVERPM'T SUMMER TAX#33-02-02-03-253-026 | 630.00 | 12383 |
| 5. LUIS GONZALEZ | REFUND OVERPM'T SUMMER TAX#33-02-02-22-310-012 | 5.03 | 12384 |
| 6. HASLETT PUBLIC SCHOOLS | 2018 SUMMER TAX COLLECTION | 192,067.62 | 12377 |
| | 2018 SUMMER TAX COLLECTION | 297,898.83 | 12385 |
| | TOTAL | 489,966.45 | |
| 7. INGHAM INTERMEDIATE SCHOOL | 2018 SUMMER TAX COLLECTION | 1,110,466.18 | 12378 |
| | 2018 SUMMER TAX COLLECTION | 891,760.19 | 12386 |
| | TOTAL | 2,002,226.37 | |
| 8. OKEMOS PUBLIC SCHOOLS | 2018 SUMMER TAX COLLECTION | 1,384,046.71 | 12379 |
| | 2018 SUMMER TAX COLLECTION | 728,006.74 | 12387 |
| | TOTAL | 2,112,053.45 | |
| 9. STATE OF MICHIGAN | SOR REGISTRATION ENDING 8/31/18 | 120.00 | |
| 10. WILLIAMSTON SCHOOLS | 2018 SUMMER TAX COLLECTION | 11,506.07 | 12380 |
| | 2018 SUMMER TAX COLLECTION | 22,926.74 | 12388 |
| | TOTAL | 34,432.81 | |
| TOTAL - ALL VENDORS | | 5,194,773.82 | |
| FUND TOTALS: | | | |
| Fund 701 - TRUST & AGENCY | | 5,194,773.82 | |

Cred Card Charges from August 30th to September 12th

| Posting Date | Merchant Name | Amount | Name |
|--------------|---------------------------|-----------|-------------------|
| 2018/09/03 | ACORN NATURALISTS | \$73.99 | CATHERINE ADAMS |
| 2018/09/07 | AIR SCIENCE USA | \$34.00 | KRISTI SCHAEING |
| 2018/09/10 | AIS CONSTRUCTION EQUIP | \$36.75 | TODD FRANK |
| 2018/09/05 | ALRO STEEL CORP | \$56.33 | MATT FOREMAN |
| 2018/09/12 | AMAZON.COM | \$23.35 | KATHERINE RICH |
| 2018/09/06 | AMAZON.COM | \$11.98 | KRISTI SCHAEING |
| 2018/09/11 | AMAZON.COM | \$51.96 | MICHELLE PRINZ |
| 2018/09/12 | AMAZON.COM | \$419.99 | MICHELLE PRINZ |
| 2018/08/31 | AMAZON.COM AMZN.COM/BILL | \$169.79 | MICHELLE PRINZ |
| 2018/09/12 | AMZN MKTP US | \$42.55 | KATHERINE RICH |
| 2018/09/12 | AMZN MKTP US | \$132.78 | ANDREA SMILEY |
| 2018/08/30 | AMZN MKTP US | \$5.52 | MICHELLE PRINZ |
| 2018/09/03 | AMZN MKTP US | \$22.99 | MICHELLE PRINZ |
| 2018/09/11 | AMZN MKTP US | \$35.40 | MICHELLE PRINZ |
| 2018/09/10 | AMZN MKTP US*MT9RS3C70 | \$6.99 | STEPHEN GEBES |
| 2018/09/12 | BECKS PROPANE AND MARINE | \$40.00 | DENNIS ANTONE |
| 2018/09/12 | BEST BUY 00004168 | \$89.99 | KYLE ROYSTON |
| 2018/08/30 | BEST BUY 00004168 | \$99.99 | KEN PLAGA |
| 2018/09/10 | BESTOFSIGNSCOM | \$154.29 | ANDREA SMILEY |
| 2018/09/12 | BLUE CARD COMMAND | \$125.00 | MICHAEL HAMEL |
| 2018/09/10 | CALDERONE CLUB | \$37.67 | DEBORAH GUTHRIE |
| 2018/09/06 | CLEAN IT SUPPLY | \$273.75 | ROBERT MACKENZIE |
| 2018/09/07 | CLEAN IT SUPPLY | (\$24.32) | ROBERT MACKENZIE |
| 2018/09/03 | DICK'S CLOTHING&SPORTING | \$174.95 | MICHAEL DEVLIN |
| 2018/09/06 | DOLLAR TREE | \$9.00 | KELSEY DILLON |
| 2018/09/10 | DOLLAR TREE | \$20.00 | KELSEY DILLON |
| 2018/09/05 | DOMINO'S 1206 | \$28.41 | BENJAMIN MAKULSKI |
| 2018/09/06 | FAYA CORPORATION | \$288.79 | KELSEY DILLON |
| 2018/08/31 | FERGUSON ENT, INC 934 | \$70.40 | TYLER KENNEL |
| 2018/09/11 | FERGUSON WTRWRKS #3386 | \$76.00 | ROBERT STACY |
| 2018/08/31 | FERGUSON WTRWRKS #3386 | \$13.56 | TYLER KENNEL |
| 2018/09/03 | FOX BROTHERS COMPANY | \$10.97 | PETER VASILION |
| 2018/09/10 | GFS STORE #1901 | \$20.97 | KELSEY DILLON |
| 2018/09/03 | GOOD TRUCKIN DINER | \$24.14 | DEBORAH GUTHRIE |
| 2018/09/11 | GOVERNMENT FINANCE OFFIC | \$435.00 | MIRIAM MATTISON |
| 2018/09/12 | HAMMOND FARMSLANDS | \$150.00 | ROBERT STACY |
| 2018/09/07 | HANES COMPANIES WYOMING | \$470.00 | DENISE GREEN |
| 2018/09/03 | HASLETT TRUE VALUE HARDW | \$9.95 | KYLE ROYSTON |
| 2018/09/10 | HASLETT TRUE VALUE HARDW | \$7.96 | KYLE ROYSTON |
| 2018/08/30 | HASLETT TRUE VALUE HARDW | \$41.45 | TAVIS MILLEROV |
| 2018/09/10 | HASLETT TRUE VALUE HARDW | \$11.94 | MATT FOREMAN |
| 2018/09/10 | HILTON HOTELS F&B | \$8.21 | DEBORAH GUTHRIE |
| 2018/09/10 | INT'L ASSOC OF FIRE CH | \$309.00 | MICHAEL HAMEL |
| 2018/08/30 | JIMMY JOHNS - 90055 - MOT | \$43.99 | MICHELLE PRINZ |
| 2018/09/10 | JOANN STORES #2022 | \$33.88 | ROBIN FAUST |
| 2018/09/10 | KROGER #793 | \$12.76 | KELSEY DILLON |
| 2018/09/12 | KULLY SUPPLY | \$200.14 | PETER VASILION |
| 2018/09/10 | LEXISNEXIS RISK SOL EPIC | \$234.90 | KRISTI SCHAEING |
| 2018/09/10 | LOWES #01596* | \$452.00 | DARCIE WEIGAND |
| 2018/08/30 | MAGID GLOVE SAFETY | \$241.25 | DENNIS ANTONE |
| 2018/09/12 | MARCOS PIZZA - 1235 | \$37.70 | MICHELLE PRINZ |
| 2018/09/11 | MARKS LOCK SHOP INC | \$70.00 | LAWRENCE BOBB |

| | | | |
|-------------|---------------------------|------------|--------------------|
| 2018/09/07 | MEIJER INC #025 Q01 | \$38.95 | WILLIAM RICHARDSON |
| 2018/09/10 | MEIJER INC #025 Q01 | \$26.39 | KRISTI SCHAEING |
| 2018/09/05 | MEIJER INC #025 Q01 | \$12.99 | MARK VROMAN |
| 2018/09/10 | MEIJER INC #025 Q01 | \$5.99 | KENNITH PHINNEY |
| 2018/08/30 | MEIJER INC #025 Q01 | \$31.48 | CATHERINE ADAMS |
| 2018/09/07 | MICH FIRE CHIEFS | \$145.00 | MICHAEL HAMEL |
| 2018/09/10 | MONTICELLO'S MARKET | \$72.04 | LUANN MAISNER |
| 2018/09/05 | NATIONAL ASSOC FOR INTER | \$75.00 | KATHERINE RICH |
| 2018/09/05 | NATIONAL ASSOC FOR INTER | \$75.00 | CATHERINE ADAMS |
| 2018/09/05 | OFFICEMAX/DEPOT 6194 | \$29.99 | SCOTT DAWSON |
| 2018/09/07 | OFFICEMAX/DEPOT 6194 | \$64.35 | SCOTT DAWSON |
| 2018/09/10 | OFFICEMAX/DEPOT 6194 | \$98.06 | CATHERINE ADAMS |
| 2018/09/04 | OHIO TURNPIKE REPLENISHME | \$25.24 | WILLIAM PRIESE |
| 2018/08/31 | PARKING EP/PS | \$6.25 | DEREK PERRY |
| 2018/09/10 | PAUL CONWAY SHIELDS | \$62.53 | WILLIAM PRIESE |
| 2018/09/03 | PAYPAL *COPCATERING | \$647.00 | ANDREA SMILEY |
| 2018/09/03 | PETSMART # 0724 | \$181.98 | CATHERINE ADAMS |
| 2018/09/07 | QUALITY DAIRY 31120025 | \$1.99 | KYLE ROYSTON |
| 2018/09/12 | RITE AID STORE - 4599 | \$28.74 | JANE GREENWAY |
| 2018/09/10 | SEARS ROEBUCK 1170 | \$12.68 | KYLE ROYSTON |
| 2018/09/11 | SHAHEEN CHEVROLET | \$293.11 | TODD FRANK |
| 2018/09/03 | SOLDANS FEEDS & PET S | \$148.97 | CATHERINE ADAMS |
| 2018/09/10 | SOLDANS FEEDS & PET S | \$5.37 | CATHERINE ADAMS |
| 2018/09/07 | SPEEDWAY 02298 GRN | \$11.97 | KYLE ROYSTON |
| 2018/09/10 | SPRINGHILL SUITES | \$407.97 | DEBORAH GUTHRIE |
| 2018/09/10 | THE HOME DEPOT #2723 | \$19.88 | LAWRENCE BOBB |
| 2018/09/10 | THE HOME DEPOT #2723 | \$26.52 | ROBERT STACY |
| 2018/09/07 | THE HOME DEPOT #2723 | \$72.98 | KELSEY DILLON |
| 2018/09/10 | THE HOME DEPOT #2723 | (\$72.98) | KELSEY DILLON |
| 2018/09/10 | THE HOME DEPOT #2723 | \$19.97 | KELSEY DILLON |
| 2018/09/06 | THE HOME DEPOT #2723 | \$17.97 | CHAD HOUCK |
| 2018/09/03 | THE HOME DEPOT #2723 | \$9.85 | KYLE ROYSTON |
| 2018/09/10 | THE HOME DEPOT #2723 | \$7.68 | KYLE ROYSTON |
| 2018/09/07 | THE HOME DEPOT #2723 | \$9.99 | WILLIAM RICHARDSON |
| 2018/08/30 | THE HOME DEPOT #2723 | \$18.36 | PETER VASILION |
| 2018/09/10 | THE HOME DEPOT #2723 | \$13.97 | PETER VASILION |
| 2018/09/12 | THE HOME DEPOT #2723 | \$6.98 | PETER VASILION |
| 2018/09/10 | THE HOME DEPOT #2723 | \$14.20 | MIKE ELLIS |
| 2018/09/07 | THE HOME DEPOT #2723 | \$58.81 | DAVID LESTER |
| 2018/09/03 | THE HOME DEPOT #2723 | \$35.88 | KENNITH PHINNEY |
| 2018/09/07 | THE HOME DEPOT #2723 | \$186.20 | MATT FOREMAN |
| 2018/09/07 | THE UPS STORE 0811 | \$9.63 | ROBERT STACY |
| 2018/09/12 | THE UPS STORE 0811 | \$9.63 | TYLER KENNEL |
| 2018/09/06 | TOP HAT CRICKET FARM INC | \$21.63 | CATHERINE ADAMS |
| 2018/09/07 | TRACTOR SUPPLY #1149 | \$75.98 | ROBERT STACY |
| 2018/09/06 | WAL-MART #2866 | \$11.64 | KELSEY DILLON |
| 2018/09/11 | WAL-MART #2866 | \$10.44 | YOUNES ISHRAIDI |
| 2018/09/07 | WEST COAST NETTING INC | \$21.68 | DENNIS ANTONE |
| 2018/09/10 | WHO S ON THIRD MILWAUKEE | \$21.98 | DEBORAH GUTHRIE |
| 2018/08/30 | WM SUPERCENTER #5893 | \$20.69 | BENJAMIN MAKULSKI |
| 2018/09/12 | ZAZZLE USD | \$66.42 | ANDREA SMILEY |
| <hr/> <hr/> | | | |
| | TOTAL | \$8,653.08 | |

ACH Transactions

| <u>Date</u> | <u>Payee</u> | <u>Amount</u> | <u>Purpose</u> |
|-------------|--------------------------------|-------------------|-------------------------------------|
| 09/04/18 | Blue Care Network | 3,302.11 | Employee Health Insurance |
| 09/04/18 | Consumers Energy | 21,314.18 | Electric & Gas |
| 09/04/18 | Health Equity | 1,116.59 | Employee Health Savings |
| 09/04/18 | MERS | 276,159.96 | Employee Retirement |
| 09/12/18 | ICMA | 34,976.98 | Payroll Deductions 09/14/18 Payroll |
| 09/12/18 | IRS | 90,714.85 | Payroll Taxes 09/14/18 Payroll |
| 09/12/18 | Various Financial Institutions | 253,197.29 | Direct Deposit 09/14/18 Payroll |
| | Total ACH Payments | <u>680,781.96</u> | |



9. D.

To: Township Board Members
**From: Derek N. Perry, Assistant Township Manager
Director of Public Works & Engineering**
Date: September 10, 2018
Re: Disposal of Surplus Vehicles

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 188- 2009 Ford Crown Victoria sedan. 143,003 miles
- Unit 200- 2005 Dodge Dakota pickup truck. 74,998 miles
- Unit 201- 2005 Dodge Dakota pickup truck. 41,847 miles
- Unit 297- 1996 Ford E350 camera truck. 92,767 miles
- Unit 460- 2001 Ford F150 pickup truck. 125,000 miles



12.A

To: Township Board

From: Mark Kieselbach, Director of Community Planning and Development

Date: September 14, 2018

Re: Summer Park Realty (Walnut Hills) Consent Judgment

A public hearing on the Consent Judgement was held at the Township Board meeting on September 4, 2018. The Consent Judgement constitutes the Township Board approval of a Planned Unit Development (PUD) with up to 311 single family residential units as depicted on the Conceptual Plan prepared by Allen Design dated May 15, 2018. Approval is also subject to the conditions and terms of the Consent Judgement including the Township approvals and additional agency approvals. Prior to construction of the residential development the final site plan; engineering plans and other permits and approvals must be obtained by the developer. The following motion has been provided for the Board's consideration,

- **Move to authorize and direct the Township Supervisor, Township Clerk and Township attorney to execute the Consent Judgement between Summer Park Realty, LLC and the Charter Township of Meridian for the property commonly known as Walnut Hills, and to submit the Consent Judgment to the Circuit Court for entry.**

G:\Community Planning & Development\Planning\Walnut Hills Consent Judgment\Walnut Hills consent judgment.tb2

x

**Summer Park Realty (Walnut Hills) Consent Judgment
Township Board (September 4, 2018)
Page 2**





To: Township Board
From: Frank L. Walsh, Township Manager and Miriam Mattison, Finance Director
Date: September 14, 2018
Re: 2019 Recommended Budget

Attached is the 2019 Budget Resolution for Township Board approval. This resolution reflects the recommended budgets for the Township.

There will be one significant budget recommendation on Tuesday evening that was not included in the current draft.

As I view the parking on Wednesdays and Saturdays, it is clear that the Farmers' Market needs a new home. The Saturday traffic and parking configurations are a mess. To that end, I'm requesting the Board to consider increasing our 2019 commitment to the new Farmers' Market from \$200,000 to \$400,000. The one stipulation with the funding is the project must be completed by December 31, 2019.

If approved by the Board, our fund balance will be \$5,305,343.

The budget document will be published as soon as practical upon approval of the resolution.

The following motion is proposed:

MOVE THAT THE TOWNSHIP BOARD APPROVE THE 2019 RECOMMENDED BUDGET RESOLUTION.

Attachments:

1. 2019 General Fund Summary and Updated Budget Pages
2. 2019 Budget Resolution

2019 Budget Resolution

At a meeting of the Township Board of the Charter Township of Meridian, Ingham County, Michigan, held at 5151 Marsh Road, Okemos, Michigan 48864-1198, on the 18th day of September 2018, at 6:00 pm local time.

PRESENT: _____

ABSENT: _____

The following budget resolution was offered by _____ and supported by _____.

WHEREAS, the Township Clerk and Board received the proposed 2019 Township Budgets on August 24, 2018, submitted in conformance with 1947 PA 359 Sections 42.24 and 42.25; and

WHEREAS, the Township Board conducted a public hearing and deliberated over the 2019 Township Budgets on September 7, 2018; and

WHEREAS, this resolution serves as the general appropriations act for the Township;

NOW THEREFORE, BE IT RESOLVED THAT THE TOWNSHIP BOARD OF THE CHARTER TOWNSHIP OF MERIDIAN, INGHAM COUNTY, MICHIGAN hereby adopts the 2019 Budget shown below and on the attached Summaries of Special Revenue Funds, Debt Service Funds, and Capital Projects Funds. These budgets are supported by the budget document, and subject to all Township policies regarding the expenditure of funds and technical or typographical corrections to the narrative.

2019 REVENUE SUMMARY

| | GENERAL FUND | SPECIAL REVENUE FUNDS* | DEBT SERVICE FUNDS* | CAPITAL PROJECTS FUNDS* | PUBLIC WORKS FUNDS | INTERNAL SERVICE FUND | DDA |
|--------------------------------|---------------------|------------------------|---------------------|-------------------------|---------------------|-----------------------|-----------------|
| REVENUES | | | | | | | |
| Taxes | \$12,784,200 | \$3,164,450 | \$349,100 | \$0 | \$0 | \$0 | \$15,000 |
| Licenses & Permits | 771,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| Intergovernmental | 3,690,500 | 2,759,050 | 0 | 0 | 0 | 0 | 15,000 |
| Charges For Services | 3,718,700 | 85,000 | 0 | 0 | 10,692,100 | 1,464,275 | 0 |
| Interest | 104,485 | 57,250 | 500 | 15,000 | 1,400 | 100 | 0 |
| Special Assessments | 0 | 0 | 0 | 125,000 | 0 | 0 | 0 |
| Other | 192,160 | 785,600 | 0 | 0 | 29,000 | 5,000 | 0 |
| SUBTOTAL | 21,261,045 | 6,851,350 | 349,600 | 140,000 | 10,722,500 | 1,469,375 | 30,000 |
| OTHER FINANCING SOURCES | | | | | | | |
| Operating Transfers In | 0 | 400,000 | 0 | 0 | 0 | 0 | 0 |
| TOTAL REVENUES | \$21,261,045 | \$7,251,350 | \$349,600 | \$140,000 | \$10,722,500 | \$1,469,375 | \$30,000 |

2019 EXPENDITURE SUMMARY

| | GENERAL FUND | SPECIAL REVENUE FUNDS* | DEBT SERVICE FUNDS* | CAPITAL PROJECTS FUNDS* | PUBLIC WORKS FUNDS | INTERNAL SERVICE FUND | DDA |
|----------------------------------|---------------------|------------------------|---------------------|-------------------------|---------------------|-----------------------|-----------------|
| EXPENDITURES | | | | | | | |
| Legislative | \$82,300 | \$0 | \$0 | \$0 | | \$0 | \$0 |
| General Government | 6,066,695 | 0 | 0 | 0 | | 0 | 7,500 |
| Public Safety | 13,353,340 | 47,000 | 0 | 0 | | 636,725 | 0 |
| Public Works | 0 | 243,115 | 0 | 0 | 9,671,890 | 0 | 0 |
| Health & Welfare | 59,425 | 121,250 | 0 | 0 | | 0 | 0 |
| Community Economic & Development | 130,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| Recreation & Culture | 1,138,045 | 2,184,895 | 0 | 0 | | 0 | 0 |
| Capital Outlay | 412,900 | 3,723,475 | 0 | 120,000 | 750,000 | 529,700 | 0 |
| Debt Service | 0 | 0 | 271,470 | 0 | 130,300 | 0 | 4,485 |
| SUBTOTAL | 21,242,705 | 6,319,735 | 271,470 | 120,000 | 10,552,190 | 1,166,425 | 11,985 |
| OTHER FINANCING USES | | | | | | | |
| Operating Transfers Out | 610,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL EXPENDITURES | \$21,852,705 | \$6,319,735 | \$271,470 | \$120,000 | \$10,552,190 | \$1,166,425 | \$11,985 |

* See attached Summary of Special Revenue Funds, Debt Service Funds, and Capital Projects Funds

BE IT FURTHER RESOLVED that the following millage is ordered to be levied on December 1, 2018, for the purpose of funding the 2019 Township budget with the monies raised to be paid into the appropriate funds:

| <u>PURPOSE</u> | <u>2019</u> |
|------------------------------------|--------------------------|
| CHARTER OPERATING | 4.1670 |
| VOTED OPERATING | |
| Local Roads (2012) | 0.2479 |
| CATA Redi-Ride Service (2009) | 0.1983 |
| Community Services (2012) | 0.1487 |
| Fire (2004) | 0.6353 |
| Land Preservation (2010) | 0.3273 |
| Parks & Recreation (2014) | 0.6612 |
| Pedestrian/Bicycle Pathways (2004) | 0.3316 |
| Police (2004) | 0.6030 |
| Police & Fire Protection (2017) | <u>1.4804</u> |
| TOTAL VOTED OPERATING | <u>4.6337</u> |
| SUB-TOTAL ALL OPERATING | <u>8.8007</u> |
| VOTED DEBT SERVICE | |
| Fire Station Building Debt (2012) | 0.2000 |
| TOTAL ALL MILLAGES | <u>9.0007</u> |

ADOPTED: YEAS: _____
 NAYS: _____

STATE OF MICHIGAN)
) ss
 COUNTY OF INGHAM)

I, the undersigned, the duly qualified and acting Clerk for the Charter Township of Meridian, Ingham County, Michigan, do hereby certify that the foregoing is a true and complete copy of a resolution adopted at a regular meeting of the Township Board held on the 18th day of September, 2018.

 Brett Dreyfus
 Township Clerk

GENERAL FUND
FINANCIAL SUMMARY
2019

Summary of 2019 Operating Activity:

Estimated Revenues & Financing Sources:

| | | |
|----------------------|----------------|--------|
| Taxes | \$12,784,200 | 60.13% |
| Licenses & Permits | 771,000 | 3.63% |
| Intergovernmental | 3,690,500 | 17.36% |
| Charges For Services | 3,718,700 | 17.49% |
| Interest | 104,485 | 0.49% |
| Other Revenues | <u>192,160</u> | 0.90% |

Total Estimated Revenues & Financing Sources \$21,261,045

Estimated Expenditures & Financing Uses:

| | | |
|----------------------------------|------------------|--------|
| Legislative | 82,300 | 0.38% |
| General Government | 6,066,695 | 27.76% |
| Public Safety | 13,353,340 | 61.11% |
| Health & Welfare | 59,425 | 0.27% |
| Community Economic & Development | 130,000 | 0.59% |
| Recreation & Culture | 1,138,045 | 5.21% |
| Other | <u>1,022,900</u> | 4.68% |

Total Estimated Expenditures & Financing Uses 21,852,705

Anticipated Surplus (Deficit) for 2019 (\$591,660)

Statement of Fund Balance

| | |
|---|--------------------|
| Fund Balance as of December 31, 2017 (per audited financial statements) | \$6,857,233 |
| Anticipated Surplus (Deficit) for 2018 | (960,230) |
| | <hr/> |
| Estimated Available Fund Balance as of December 31, 2018 | 5,897,003 |
| Anticipated Surplus (Deficit) for 2019 | (591,660) |
| | <hr/> |
| Estimated Available Fund Balance as of December 31, 2019 | <u>5,305,343</u> |
| Fund Balance/Average Monthly Expenditures | <u><u>3.34</u></u> |

GENERAL FUND

DEPARTMENT:
Township Board

FUNCTION:
Legislative

Activity Description:

The Township Board consists of seven members who serve as the legislative and policy-making body of Township government. Two of its members, the Clerk and Treasurer, are also full-time Officers, whose duties are set forth by statute. The Supervisor is the chief elected official of the Board and chairs its meetings.

| BUDGET SUMMARY | | | | |
|-------------------------------|------------------------|----------------------------|----------------------------|------------------------|
| <u>Account Classification</u> | 2017 Actual | 2018 Original Budget | 2018 Projected Total | 2019 Budget |
| Personnel Costs | \$66,834 | \$67,100 | \$66,940 | \$68,300 |
| Operating Costs | 5,859 | 12,800 | 11,000 | 12,000 |
| Outside Services | 125 | 2,000 | 2,000 | 2,000 |
| Capital Items | 0 | 0 | 0 | 0 |
| TOTAL | <u><u>\$72,818</u></u> | <u><u>\$81,900</u></u> | <u><u>\$79,940</u></u> | <u><u>\$82,300</u></u> |

Personnel Costs: Compensation for all Board members is determined by the Elected Official Compensation Commission.

Operating Costs: Includes Communications \$2,000, Conferences \$7,000, Operating Supplies of \$500, Mileage of \$500, and Employee Recognition \$2,000.

Outside Services: Education programs, training, ~~and monitoring costs associated with policy-governance~~, media relations services, and Board initiatives.

Capital Items: None planned for 2019.

| PERSONNEL SUMMARY | | | |
|------------------------------------|------------|------------|------------|
| <u>Position/Title</u> | 2017 | 2018 | 2019 |
| Supervisor | 1.0 | 1.0 | 1.0 |
| Trustees | 4.0 | 4.0 | 4.0 |
| | <u>5.0</u> | <u>5.0</u> | <u>5.0</u> |
| Clerk - See Clerk Activity | | | |
| Treasurer - See Treasurer Activity | | | |

Activity Description:

The Park Development account is for capital projects related to our parks that are being paid for with our General Fund monies. This activity is under the direct supervision of the Facilities Superintendent, reporting to the Director of Parks and Recreation.

| BUDGET SUMMARY | | | | |
|-------------------------------|------------------------|-------------------------------------|-------------------------------------|------------------------|
| <u>Account Classification</u> | <u>2017 Actual</u> | <u>2018 Original Budget</u> | <u>2018 Projected Total</u> | <u>2019 Budget</u> |
| Capital Items | 42,781 | 8,000 | 8,000 | 400,000 |
| | <u>\$42,781</u> | <u>\$8,000</u> | <u>\$8,000</u> | <u>\$400,000</u> |

Capital Items: Farmers Market Relocation.

| PERSONNEL SUMMARY | | | | |
|--------------------------|--|--|--|--|
| (Not Applicable) | | | | |



To: Township Board

From: Mark Kieselbach, Director of Community Planning and Development
Justin Quagliata, Assistant Planner

Date: September 12, 2018

Re: Final Preliminary Plat #00012 (Ember Oaks) extension

Ember Oaks is a platted subdivision consisting of 156 single family lots on approximately 230 acres located north of Jolly Road and east of Dobie Road. The plat was developed using the Planned Residential Development (PRD) overlay. The preliminary plat for Ember Oaks was approved by the Township Board in 2000. Final Plat approval for Phase I (34 lots) was granted by the Township Board in 2001, Final Plat approval for Phase II (4 lots) was approved in 2006, and Final Plat for Phase III (9 lots) was approved in 2007. The Township Board previously granted final preliminary plat extensions in 2002, 2003, 2005, 2007, 2009, 2012, 2013, and 2016. On July 30, 2018 the applicant submitted a letter requesting a two-year extension of the final preliminary plat for the remaining 109 lots in the Ember Oaks subdivision. If approved the new expiration date will be August 16, 2020.

- **Move to adopt the attached resolution extending final preliminary plat approval for the remaining 109 lots in Ember Oaks until August 16, 2020.**

Township Board Options

The Township Board has the option to approve, approve with modifications, or deny the final preliminary plat extension. If the extension is denied, the applicant must resubmit the final preliminary plat. A resolution to approve the final preliminary plat extension is provided.

Attachments

1. Resolution to approve.
2. Letter from Keith L. Schroeder requesting plat extension dated July 30, 2018.
3. Approved Final Preliminary Plat.

G:\planning\plats\2000\00012 (Ember Oaks)\FPP\2018\FPP 00012 extension request 2018.doc

**RESOLUTION TO APPROVE
(EXTENSION)**

**Final Preliminary Plat #00012
Ember Oaks Co.
Ember Oaks**

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 18th day of September 2018, at 6:00 p.m., Local Time.

PRESENT: _____

ABSENT: _____

The following resolution was offered by _____ and supported by _____.

WHEREAS, Mr. Keith L. Schroeder, on behalf of Ember Oaks Company, in a letter dated July 30, 2018 requested an extension of Final Preliminary Plat #00012, Ember Oaks, a single family subdivision of 156 lots located north of Jolly Road and east of Dobie Road; and

WHEREAS, the Township Board has reviewed the material forwarded by staff under a cover memorandum dated September 11, 2018; and

WHEREAS, the final preliminary plat remains consistent with the design approved by the Township Board on August 16, 2016; and

WHEREAS, the Township’s Land Division Ordinance and the State Land Division Act allow for the extension of a final preliminary plat.

NOW THEREFORE, BE IT RESOLVED THE TOWNSHIP BOARD OF THE CHARTER TOWNSHIP OF MERIDIAN hereby grants the extension of Final Preliminary Plat #00012, Ember Oaks, for a period of two years, from August 16, 2018 to August 16, 2020, with the following condition:

1. All previous conditions placed on the approvals of the final preliminary plat and preliminary plat, including any previous extensions, shall remain in effect.

ADOPTED: YEAS: _____

NAYS: _____

STATE OF MICHIGAN)

) ss

COUNTY OF INGHAM)

Resolution to Approve (Extension)
Final Preliminary Plat #00012 (Ember Oaks Co.)
Ember Oaks
Page 2

I, the undersigned, the duly qualified and acting Clerk of the 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 18th day of September 2018.

Brett Dreyfus
Township Clerk

Ember Oaks Company
4665 Dobie Road, Suite 130
Okemos, MI 48864

RECEIVED
AUG 02 2018

July 30, 2018

Charter Township of Meridian
Department of Planning & Development
5151 Marsh Road
Okemos, MI 48864

Re: Ember Oaks

The approval of the Preliminary Plat #00012 Ember Oaks expires August 16, 2018. Please consider this letter as our formal request to extend the Preliminary Plat an additional two years.

Sincerely,



Keith L. Schroeder
President of Ember Oaks Company

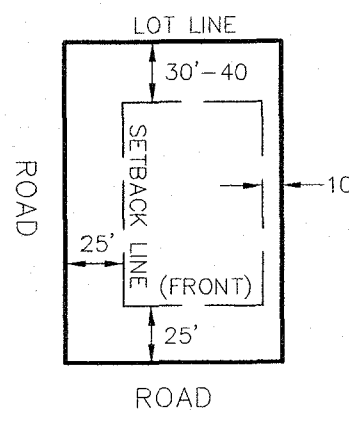
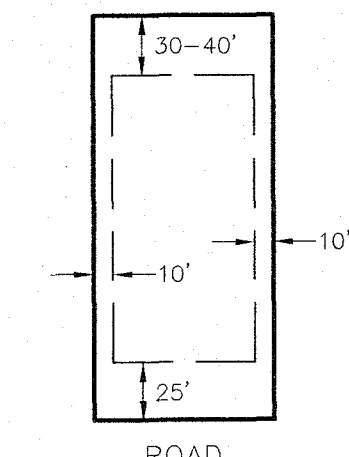
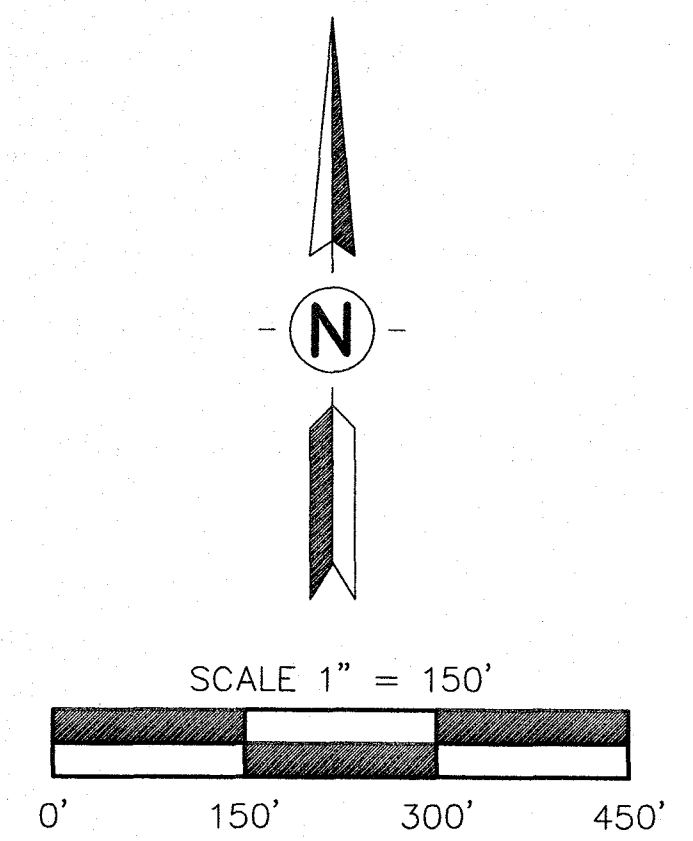
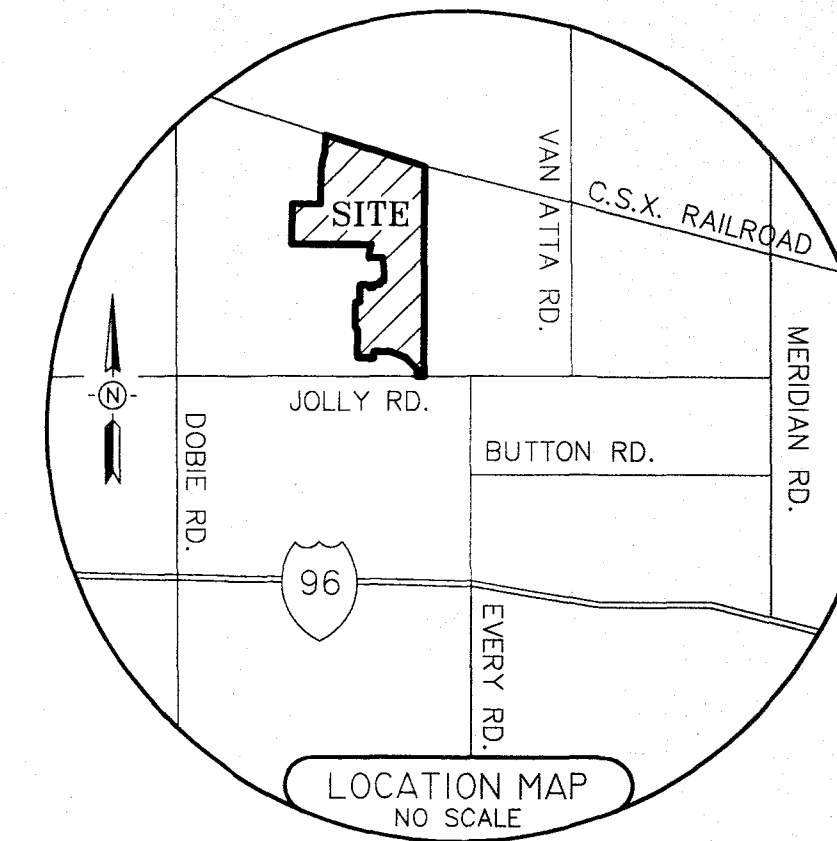
Cc: Ingham County Road Commission
Ingham County Drain Office
Jeff Keyes, KEBS, Inc.

FINAL PRELIMINARY PLAT OF EMBER OAKS (PHASES 4+)

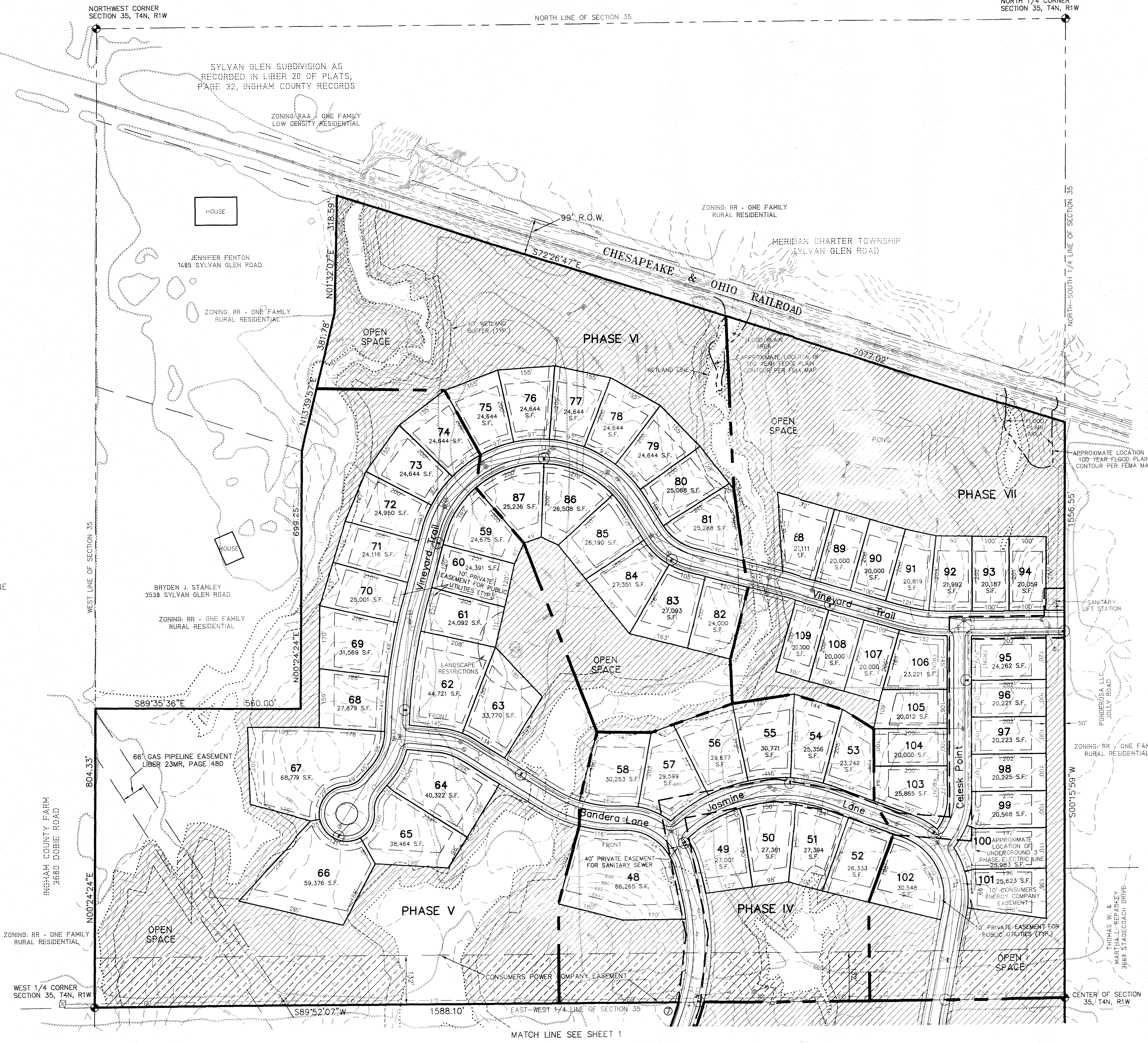
A SUBDIVISION OF PART OF THE NORTHWEST 1/4 & SOUTHWEST 1/4 OF
SECTION 35, T4N, R1W, MERIDIAN TOWNSHIP, INGHAM COUNTY, MICHIGAN

DEVELOPER:
EMBER OAKS COMPANY
4665 DOBIE ROAD SUITE 130
OKEMOS, MI 48864
(517) 349-0560
CONTACT: KEITH SCHROEDER

SURVEYOR/ENGINEER:
KEBS, INC.
2116 HASLETT ROAD
HASLETT, MI 48840
PHONE: (517) 339-1014

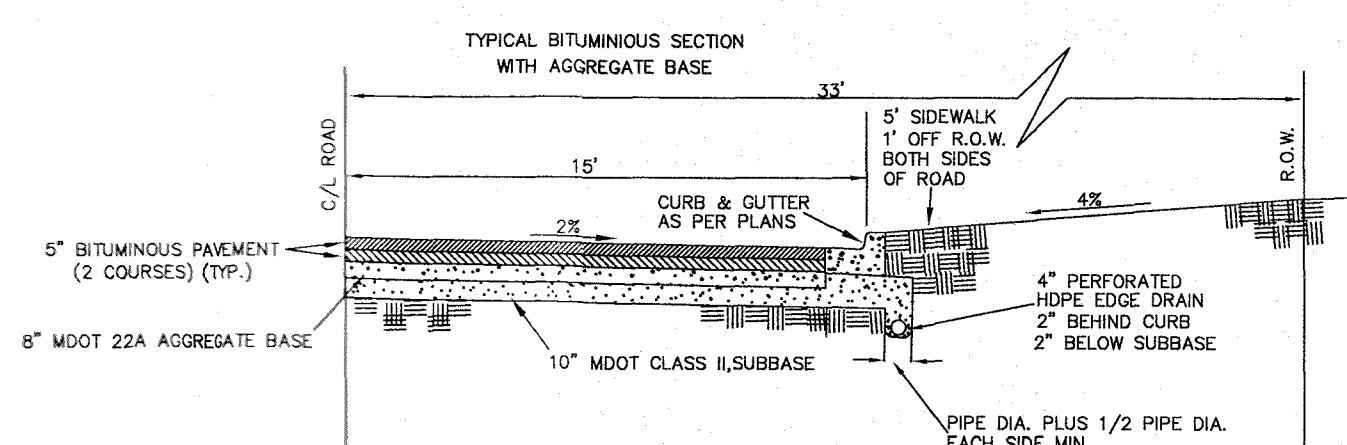
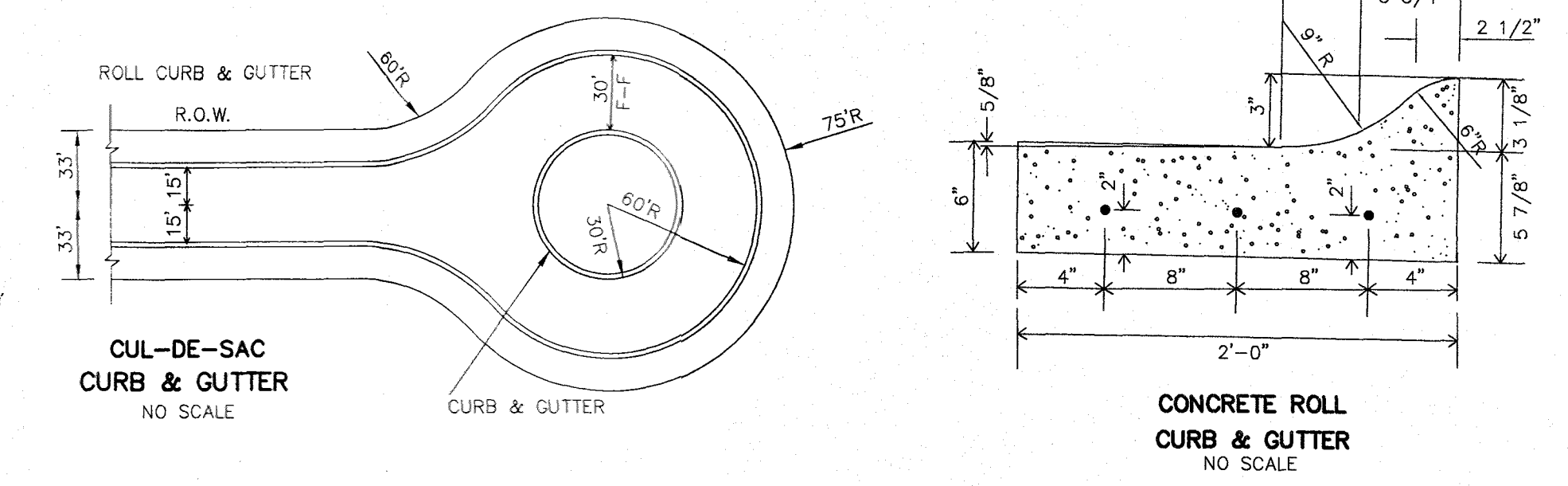


NOTE: THERE IS A 60' BUILDING SETBACK OFF THE PHYSICAL CENTERLINE OF THE GAS PIPELINE EASEMENT.



- LEGEND:**
- = SET 1/2" BAR WITH CAP
 - = FOUND IRON AS NOTED
 - = DEED LINE
 - = DISTANCE NOT TO SCALE
 - = FENCE
 - = ASPHALT
 - = CONCRETE
 - = GRAVEL
 - = EXISTING CONTOUR ELEVATION
 - = EX. SANITARY SEWER
 - = EX. STORM SEWER
 - = EX. WATER LINE
 - = PROP. SANITARY SEWER
 - = PROP. STORM SEWER
 - = PROP. WATER LINE
 - = OVERHEAD WIRES
 - = EDGE OF WOODS
 - = PHASE LINE
 - = WETLAND LINE
 - ⊙ = SANITARY MANHOLE
 - ⊕ = DRAINAGE MANHOLE
 - ⊖ = ELECTRIC MANHOLE
 - ⊗ = TELEPHONE MANHOLE
 - ⊘ = CATCHBASIN
 - ⊙ = SANITARY CLEANOUT
 - ⊙ = FIRE HYDRANT
 - ⊙ = VALVE
 - ⊙ = UTILITY POLE
 - ⊙ = LIGHT POLE
 - ⊙ = GUY WIRE
 - ⊙ = UTILITY PEDESTAL
 - ⊙ = TRANSFORMER
 - ⊙ = ELECTRIC METER
 - ⊙ = GAS METER
 - ⊙ = WATER METER
 - ⊙ = SIGN

BENCHMARKS:
 BM#1 - BIG ARM OF FIRE HYDRANT AT THE NORTHWEST CORNER OF HIAWATHA AND OTSEGO ROADS. ELEVATION = 931.81
 BM#2 - BIG ARM OF FIRE HYDRANT AT THE NORTHEAST CORNER OF JOLLY ROAD AND ARBUSUS DRIVE. ELEVATION = 919.46
 BM#3 - 60D NAIL IN THE WEST SIDE OF A UTILITY POLE, 30' NORTH OF JOLLY ROAD, 30' EAST OF 2-TRACK TO SUBDIVISION. ELEVATION = 903.81



NOTES:
 -ALL ROAD CENTERLINES HAVE A MINIMUM 175' RADIUS
 -ALL PROPOSED ROADS HAVE A 66' RIGHT-OF-WAY, 30' FACE TO FACE ON CURB

- DENOTES PROPOSED HYDRANT LOCATIONS
- ▨ EASEMENTS IN OPEN SPACE
- ▨ OPEN SPACE
- ▨ WETLANDS

STATE OF MICHIGAN
 DANE B. PASCOE
 PROFESSIONAL SURVEYOR
 NO. 54434

Keith Schroeder
 6/20/16

| REVISIONS | COMMENTS | KEBS, INC. ENGINEERING AND LAND SURVEYING | |
|-----------|----------|--|----------------------|
| 6/20/16 | ORIGINAL | 2116 HASLETT ROAD, HASLETT, MI 48840 PH. 517-339-1014 FAX. 517-339-8047 | |
| | | Marshall Office Ph. 269-781-9800 | |
| | | DRAWN BY KDB | SECTION 35, T4N, R1W |
| | | FIELD WORK BY --- | JOB NUMBER: |
| | | SHEET 2 OF 2 | 88515.SUB |



12. D

To: Board Members
From: Ronald J. Styka, Township Supervisor
Date: September 14, 2018
Re: Resolution Commemorating the Signing of the Constitution of the United States

The Constitution of the United States was signed on September 17, 1787. This week marks the 231th anniversary. The attached document has been drafted for Township Board approval.

A motion is prepared for Board consideration:

MOVE TO APPROVE THE RESOLUTION COMMEMORATING THE SIGNING OF THE CONSTITUTION OF THE UNITED STATES.

Attachment:

1. Resolution Commemorating the Signing of the Constitution of the United States

RESOLUTION COMMEMORATING THE SIGNING OF THE CONTITUTION OF THE UNITED STATES

At a regular meeting of the Township Board of the Charter Township of Meridian, Ingham County, Michigan, held on the 18th day of September 2018, at 6:00 p.m. local time.

PRESENT: _____

ABSENT: _____

The following resolution was offered by _____ and supported by _____

WHEREAS, on September 17, 1787, the Constitution of the United States was signed by 39 delegates from 12 States; and

WHEREAS, the Constitution of the United States was subsequently ratified by each of the original 13 States and included the first ten amendments, known as the Bill of Rights; and

WHEREAS, James Madison and the other delegates drafted the Constitution of the United States in order to form a more perfect union, establish justice, insure domestic tranquility, provide for the common defense, promote the general welfare, and secure the blessings of liberty for the people of the United States; and

WHEREAS, the Constitution of the United States has provided the means and structure for the United States and the people of the United States to achieve a level of prosperity, liberty, security, and justice that is unparalleled among nations; and

WHEREAS, the Constitution of the United States was the first permanent constitution in the world adopted by elected representatives; includes seminal ideas about individual rights, the separation of powers, and the rule of law; and has inspired the constitutional systems of government of countries throughout the world; and

WHEREAS, the Constitution of the United States includes amendments that specifically recognize and protect individual rights, eliminate slavery, and expand the franchise; and

WHEREAS, the Congress of the United States has declared September 17, 2018, which is the 231st anniversary of the signing of the Constitution of the United States, to be Constitution Day and the ensuing week to be a time to reflect on the values expressed in the U. S. Constitution, including its amendments.

NOW, THEREFORE, BE IT RESOLVED BY THE TOWNSHIP BOARD OF THE CHARTER TOWNSHIP OF MERIDIAN, INGHAM COUNTY, MICHIGAN, that the residents of the Township be encouraged to join with the members of the Board in reflecting on the democratic values and principles of freedom that are embodied in the Constitution of the United States.

ADOPTED: YEAS: _____

NAYS: _____

STATE OF MICHIGAN)
) ss
COUNTY OF INGHAM)

I, the undersigned, the duly qualified and acting Clerk of the Township Board of the Charter Township of Meridian, Ingham County, Michigan, DO HEREBY CERTIFY that the foregoing is a true and complete copy of a resolution adopted at a regular meeting of the Township Board on the 18th day of September 2018.

Brett Dreyfus, Clerk
Meridian Charter Township



To: Township Board

From: Mark Kieselbach, Director of Community Planning and Development

Date: September 13, 2018

Re: Medical Marihuana ordinance

Since the last Township Board meeting the maps for the six overlay areas have been updated and staff has researched communities using a lottery or review criteria in their selection process.

Overlay Areas

The location of existing buildings was added to the maps. The majority of parcels in the overlay areas have buildings located on the parcel. The setback shown on the maps was modified to show just a 500 foot setback. The setbacks as proposed would be 1,000 feet from public/private schools and preschools and 500 feet from churches and libraries. The Board will need to decide if the boundary of Area 6 should be adjusted as half of the parcels would be with the 1,000 foot setback from a preschool. The Board will also need to decide if colleges and universities are included in the setback for schools. All of the parcels in Area 5 are within the 1,000 foot setback and the useable areas of the parcel are within the 500 foot setback.

Lottery

The City of Grand Rapids and the City of Kalamazoo use a lottery system for the selection process. Neither cities cap the number of medical marihuana facilities but limit the number through zoning. Both cities allow medical marihuana facilities only in specific zoning districts and require setbacks from different land uses similar to what is being proposed by the Township but also require a separation between facilities. The City of Kalamazoo requires 1,000 feet between provisioning centers and 500 feet between all other types of medical marihuana facilities. The City of Grand Rapids requires 2,000 feet between provisioning centers and 1,000 feet from all other types of medical marihuana facilities. In Kalamazoo the lottery is used for those proposed facilities that do not meet the minimum spacing requirement. The lottery system in Grand Rapids determines the order that medical marihuana facilities will be considered by the Planning Commission as all facilities require a special land use approval.

Review Criteria

The City of Lansing and the City of Lapeer use a review criteria process to score applications for provisioning centers. The criteria are based on a business plan, job creation, financial stability, experience, land use, outreach, and stakeholder history. The maximum number of provisioning centers in Lansing is 25 and in Lapeer the maximum number is 6. The City of Lansing also requires 500 feet between provisioning centers. Similar to the lottery system the review criteria system determines the order applications will be processed.

Setbacks/Separation

All of the four communities have the setbacks from other land uses or distance between medical marihuana facilities in their zoning ordinance. This allows for a dimensional variance to be granted when a proposed facility does not meet the required setback or separation requirement.

City of Grand Rapids

| | |
|--|--|
| Provisioning Center | 1,000 feet from public/private school, child care center, park, playground, church, place of worship, and residential zone district. |
| | 2,000 feet from any other medical marihuana facility. |
| Grower, Processor, Safety Compliance, Secure Transporter | 1,000 feet from public/private school, child care center, park, playground, church, place of worship, and residential zone district. |
| | 1,000 feet from any other medical marihuana facility. |

City of Kalamazoo

| | |
|---------------------------------------|---|
| Provisioning Center | 1,000 feet from public/private school, trade school, college, university, park, playground, library, public housing facility. |
| | 500 feet from child care center, church, place of worship, recreation facility, youth center, halfway house. |
| | 1,000 feet from another provisioning center. 500 feet from any other medical marihuana facility. |
| Grower, Processor | 500 feet from a residential zone district. |
| Safety Compliance, Secure Transporter | 500 feet from any other medical marihuana facility. |

**Medical Marihuana
Township Board (9/18/18)
Page 3**

City of Lansing

Provisioning Center

1,000 feet from an operational school.

500 feet from playground, child care center, church.

1,000 feet from another provisioning center.

Grower, Processor, Safety Compliance, Secure Transporter

No setback.

City of Lapeer

Provisioning Center, Grower, Processor, Safety Compliance, Secure Transporter

1,000 feet from public/private school.

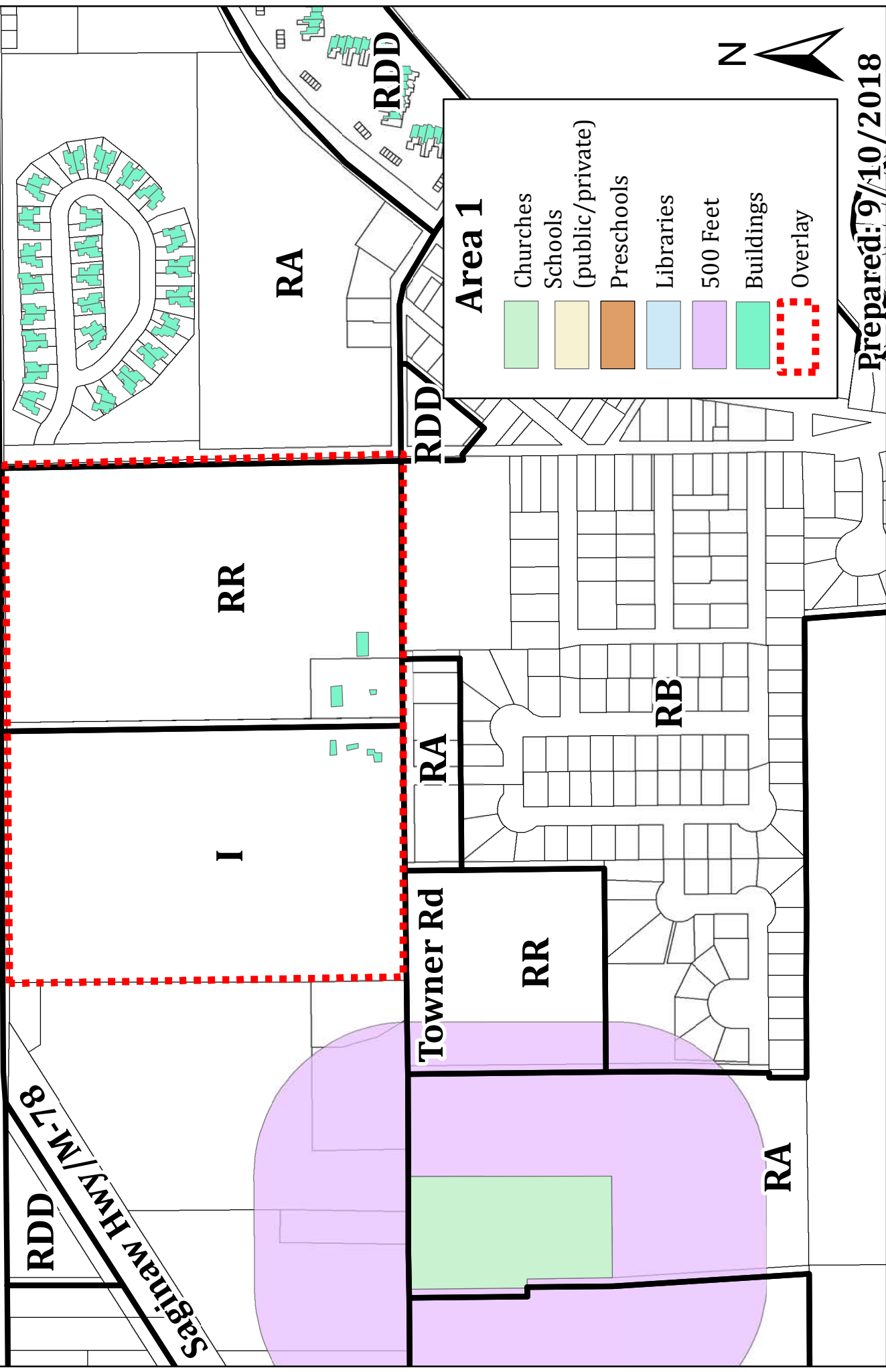
500 feet from child care center, child day care center, nursery school, Federal owned, used, or operated property.

200 feet from a park.

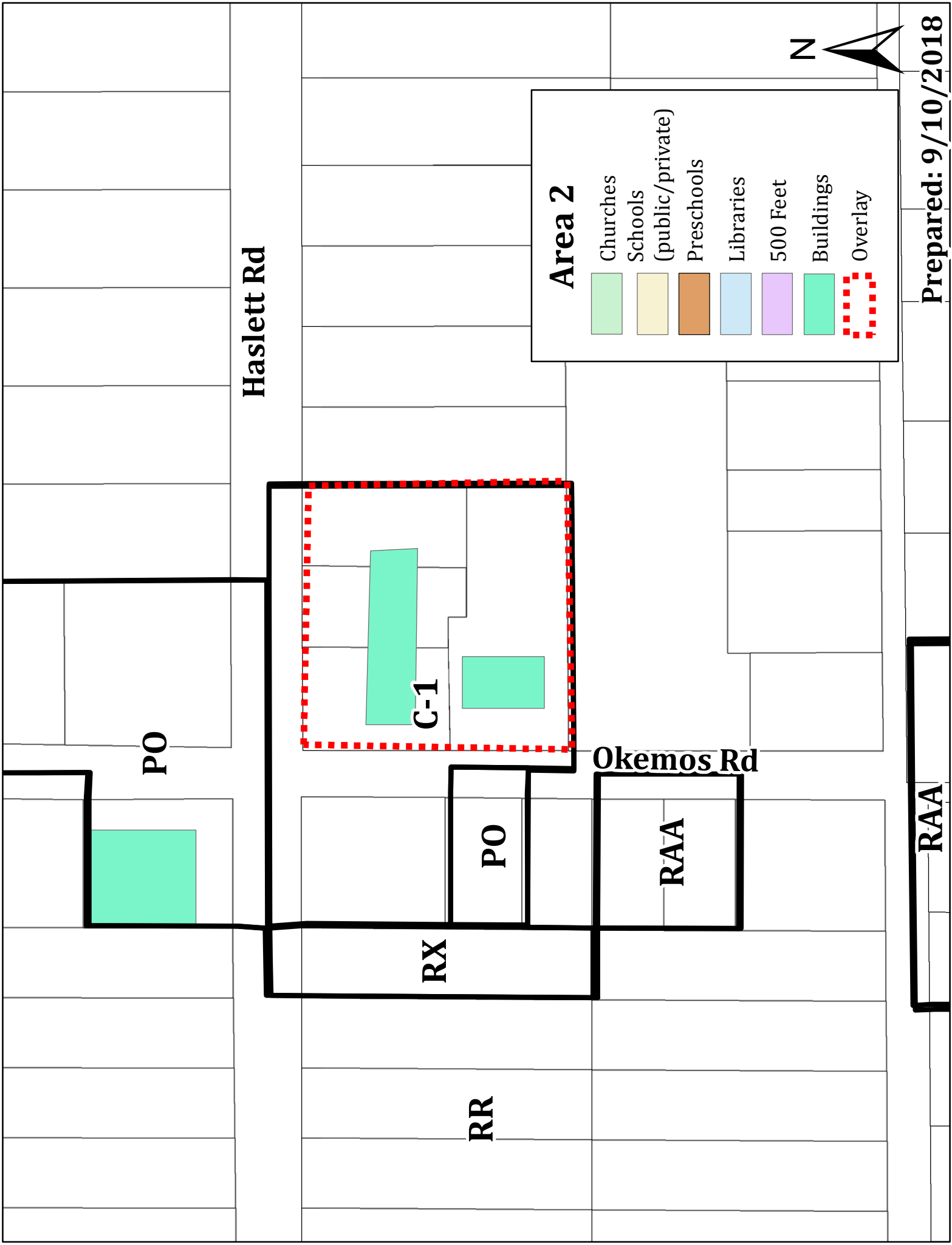
Attachments

1. Overlay Area Maps.
2. City of Lansing Review Criteria.

G:\Community Planning & Development\Planning\Medical Marihuana\medical marihuana.tb3.docx



Prepared: 9/10/2018



Haslett Rd

PO

C-1

Okemos Rd

PO

RAA

RX

RR

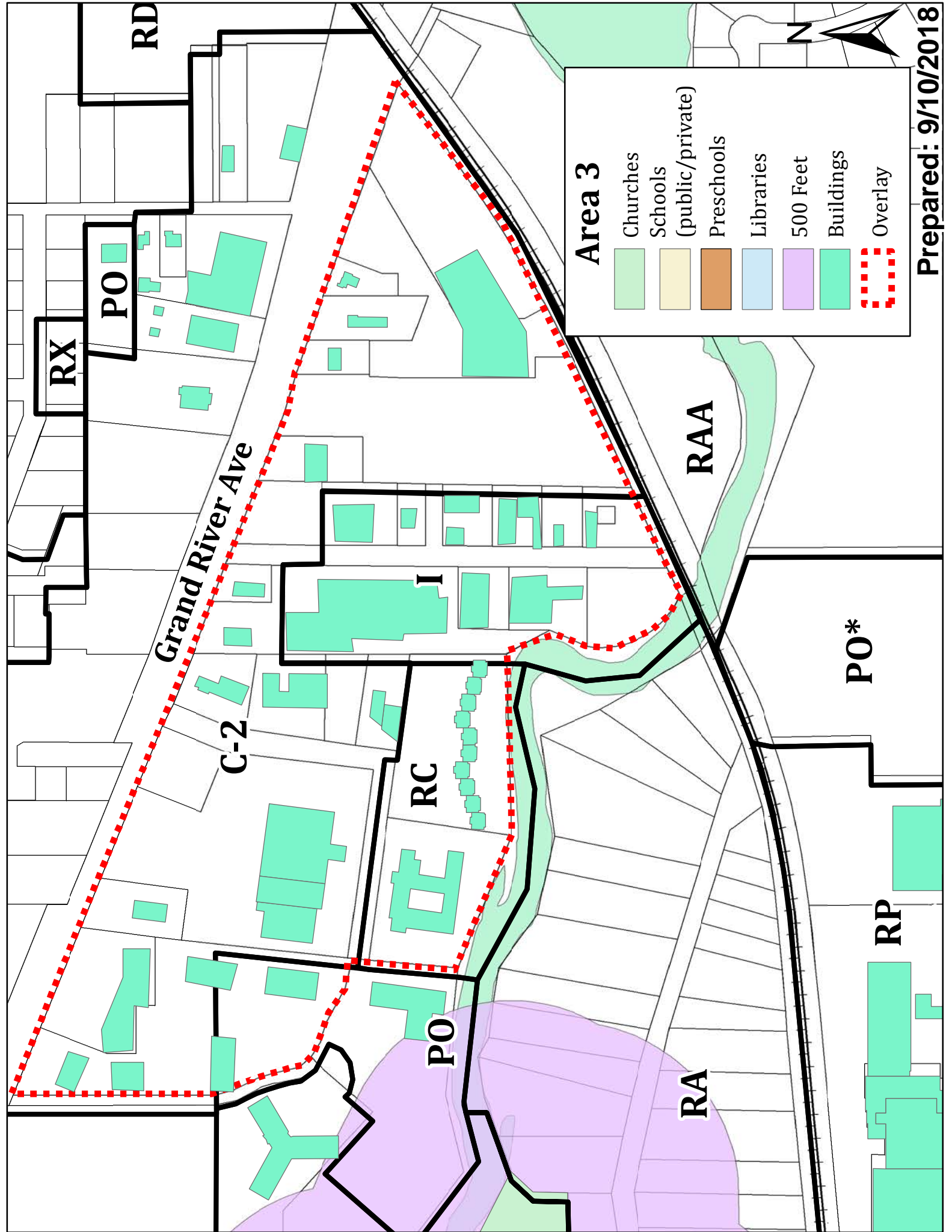
RAA

Area 2

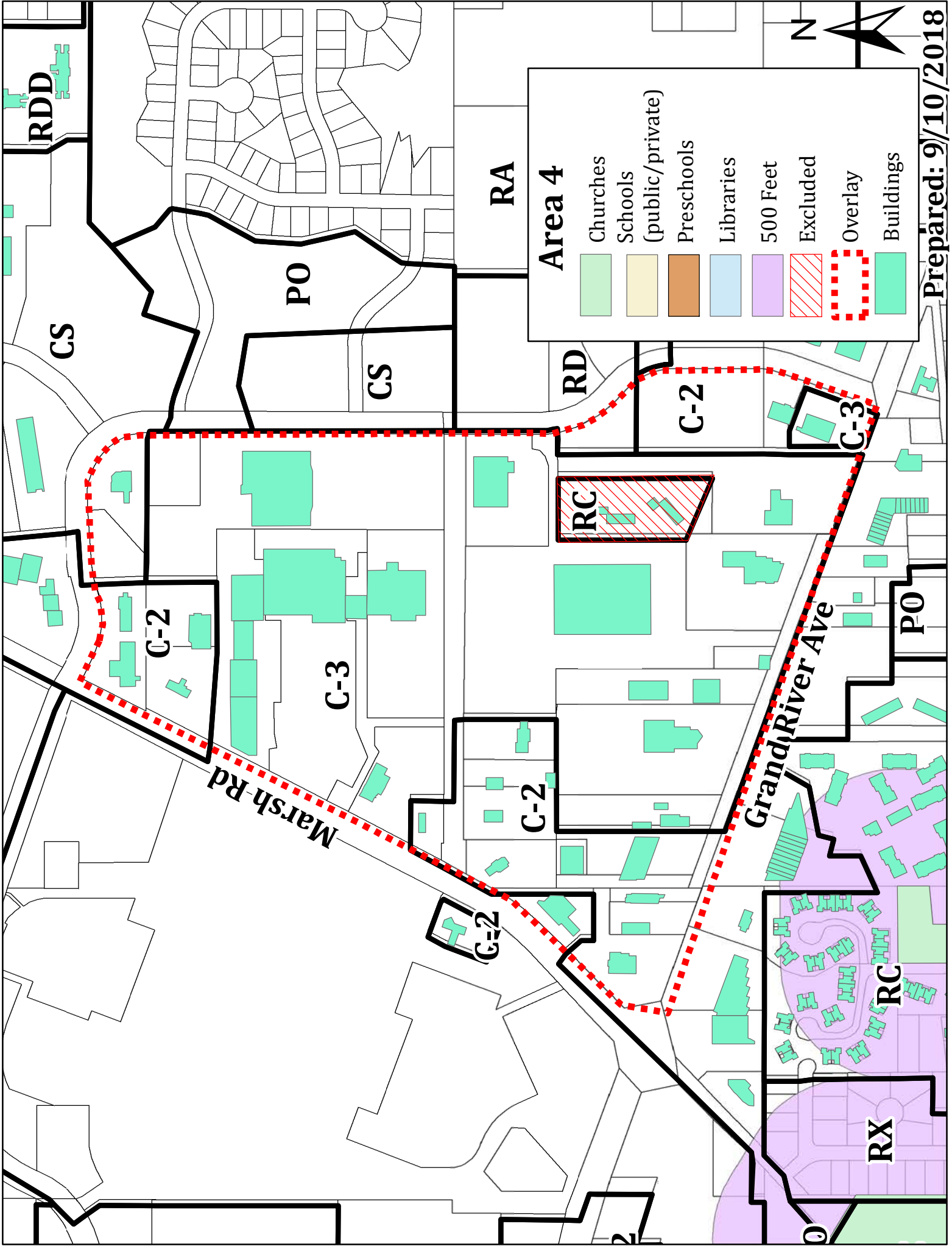
- Churches
- Schools (public/private)
- Preschools
- Libraries
- 500 Feet
- Buildings
- Overlay

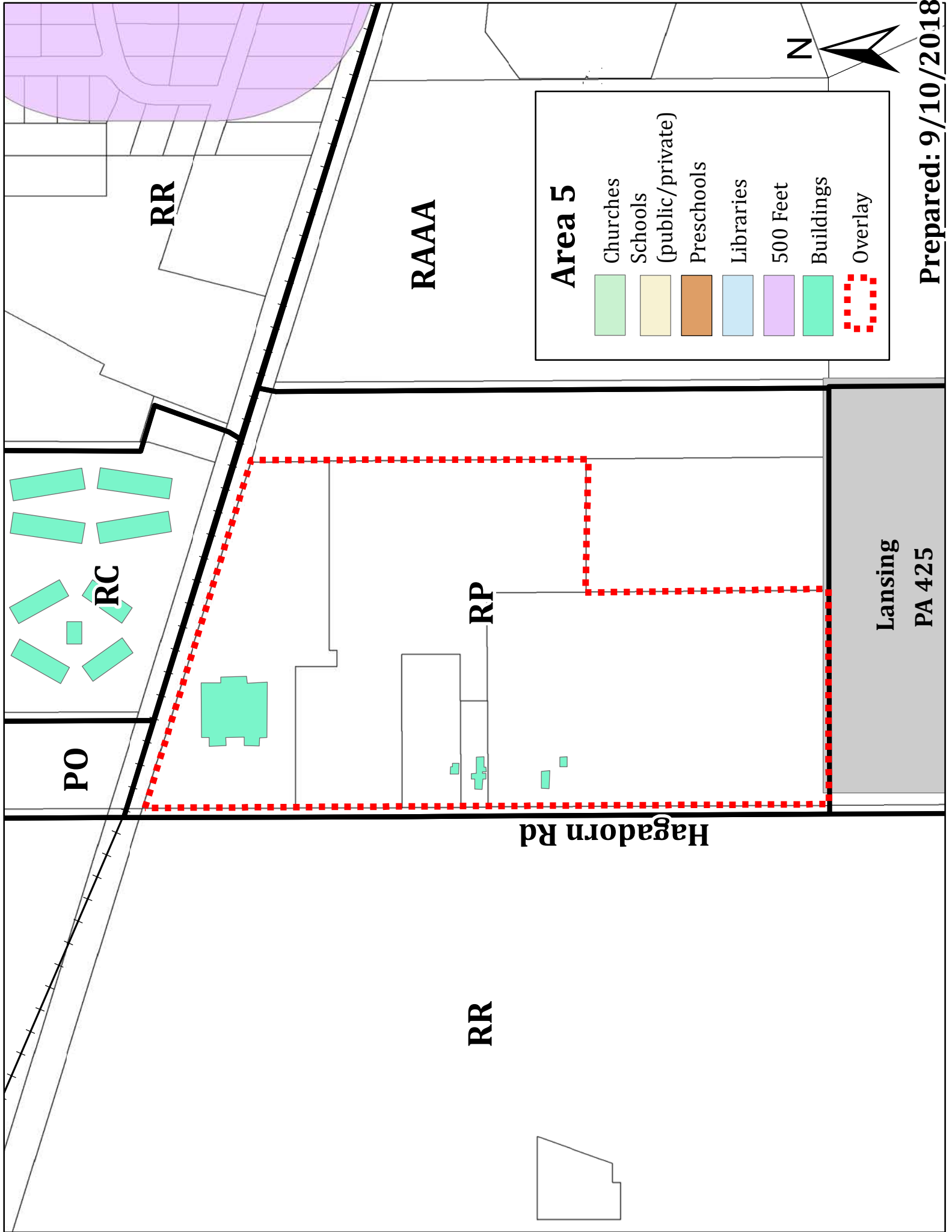


Prepared: 9/10/2018



Prepared: 9/10/2018





PO

RC

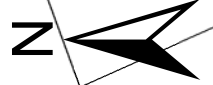
RR

RAAA

RR

RP

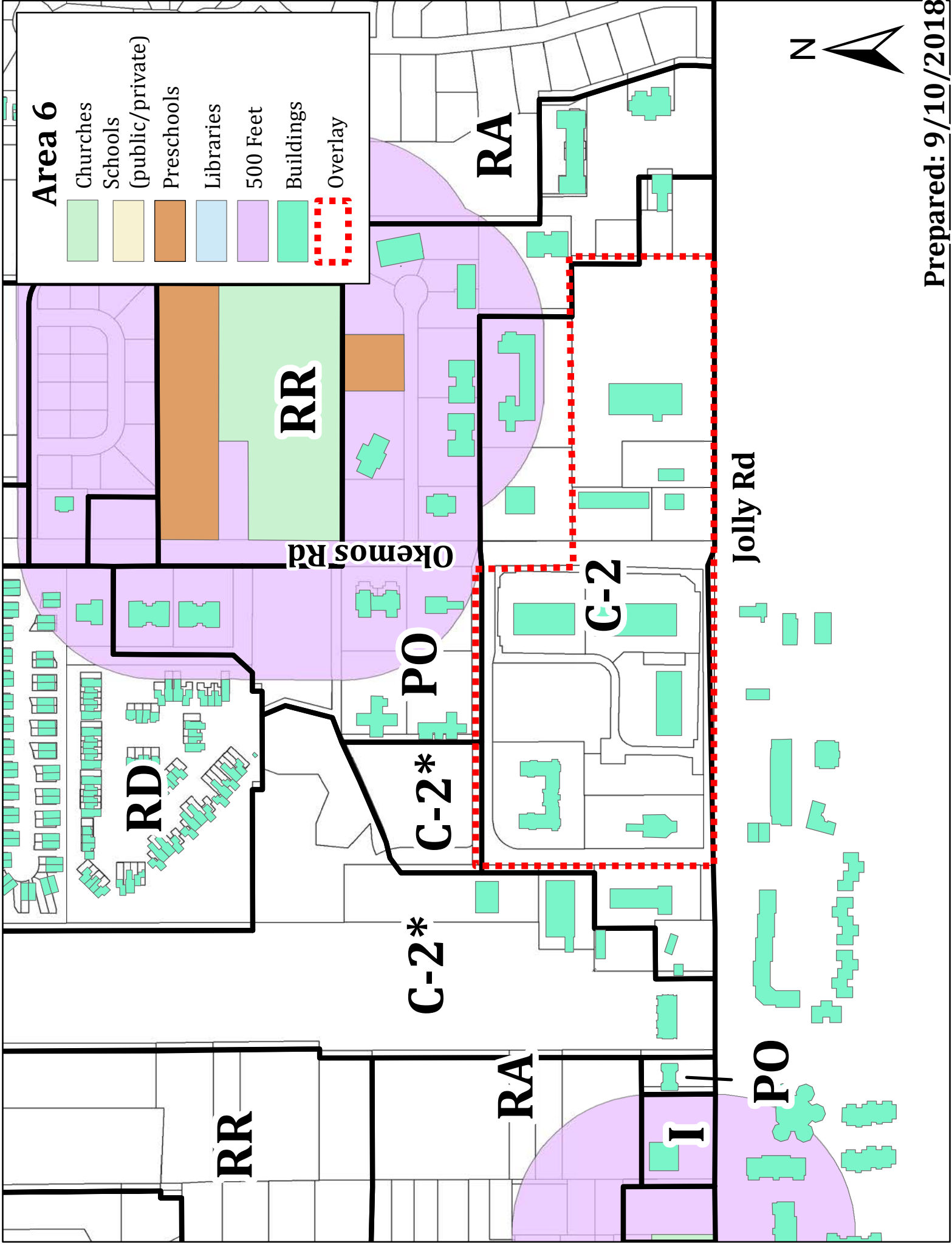
Hagadorn Rd



Area 5

- Churches
- Schools (public/private)
- Preschools
- Libraries
- 500 Feet
- Buildings
- Overlay

Lansing
PA 425



FINAL

November 13, 2017

| Medical Marijuana Provisioning Centers Scoring Criteria | | |
|--|---|-----------------------|
| | Criteria | Maximum Points |
| Business Plan & Job Creation | | |
| Ownership structure | Content and Sufficiency of Information; Professionalism of submitted documentation including clear labeling of required items | 5 |
| Organizational chart | | |
| Worker Training Program | | |
| Short term and long term goals and objectives | | |
| Community outreach & education | | |
| Marketing, advertising, promotion | Minimization of exposure to minors | 4 |
| Tangible capital investment in the City of Lansing | Economic benefit to the City of the business plan, real property ownership, grower and/or processor facilities in the City | 15 |
| Job creation | Overall number of jobs created within the City of Lansing (highest), Lansing region, and Michigan (lowest) | 5 |
| Financial Structure and Financing | Net worth/capitalization sufficient for business plan as evidenced by notarized CPA attestation, financial institution statements, or the equivalent. | 3 |
| Plans to integrate grower facility with other establishments | | 2 |
| Charitable plans and strategies | Commitment to fiscal and/or volunteer work | 4 |
| Job creation | Number of jobs at the provisioning center | 5 |
| | Amount and type of compensation | 2 |
| | Percent of employees earning over \$15 per hour | 3 |
| | Projected annual budget and revenue | 2 |
| Total - Business Plan/Job Creation | Incomplete plan will get zero points | 50 |

FINAL

November 13, 2017

| Medical Marijuana Provisioning Centers Scoring Criteria | | |
|--|---|-----------------------|
| | Criteria | Maximum Points |
| Financial Stability & Experience | | |
| Sufficient Financial Resources | Financial forms including debt, bankruptcy, insolvency, tax compliance tax returns and CPA attested, active bank/financial statements. | 5 |
| Business Experience | History of success in operating business or businesses, years of operation, relevant business experience, other commercial licenses, medical certifications and/or licenses | 5 |
| Total - Financial Stability & Experience | | 10 |

FINAL

November 13, 2017

| Medical Marijuana Provisioning Centers Scoring Criteria | | |
|--|--|-----------------------|
| | Criteria | Maximum Points |
| Land Use | | |
| Impact on neighborhood | Buffering between residential zoned areas and establishment | 5 |
| Traffic pattern(s) | Increased traffic on side streets will be scored lower | 5 |
| Resident safety | Entrance and exit on main streets, adequate parking not on residential streets, Quality of Security Plan | 10 |
| Total - Land Use | | 20 |

FINAL

November 13, 2017

| Medical Marijuana Provisioning Centers Scoring Criteria | | |
|--|--|-----------------------|
| | Criteria | Maximum Points |
| Outreach | | |
| Planned outreach | Plan to meet with neighborhood organizations, business association, crime watch, and other neighborhood organizations to provide contact information for questions, concerns, etc. | 1 |
| Improvements made or proposed to building | | 3 |
| Plan to minimize/eliminate traffic | | 1 |
| Plan to minimize/eliminate noise | | 2 |
| Plan to minimize/eliminate odor | | 3 |
| Total - Outreach | | 10 |

FINAL

November 13, 2017

| Medical Marijuana Provisioning Centers Scoring Criteria | | |
|---|--|-----------------------|
| | Criteria | Maximum Points |
| Applicant/Stakeholder History | | |
| Applicant/stakeholders record of acts detrimental to security, safety, morals, good order, general welfare | Lansing Police D complaints/incidents | 4 |
| | Demonstration of regulatory compliance | 4 |
| | Business litigation history | 2 |
| Total - Applicant/Stakeholder History | Will get zero points if found to have violated 2016 Ordinance #1202 Moratorium. | 10 |
| If information found in the application or review is determined to make the applicant ineligible for approval by the State of Michigan, then the application would be removed from consideration. | | |



13.B

To: Township Board

From: Mark Kieselbach, Director of Community Planning & Development
Peter Menser, Principal Planner

Date: September 12, 2018

Re: Rezoning #18080 (Giguere Homes)

The Township Board discussed the rezoning request at its September 4, 2018 meeting. At the meeting the Township Board requested the applicant to meet with representatives from the Sanctuary subdivision to discuss the rezoning and attempt to find common ground on future development of the property. The Township Manager has scheduled a meeting between the parties for Monday, September 17, 2018 at 6:00 p.m. Clifford H. Bloom, an attorney from Grand Rapids law firm Bloom Sluggett, PC will lead the discussion and serve as a neutral, non-binding facilitator. The results of the discussion will be presented at the Township Board's next meeting on September 18, 2018.

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To: Township Board Members

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

**Ken Plaga
Chief of Police**

Date: September 10, 2018

Re: Traffic Control Orders

Historically, when the Township desired the placement of parking regulation signage, we sent a request to the Ingham County Road Department (ICRD) and the Michigan State Police (MSP). The process required the MSP to conduct a field study and determine if the signs were warranted. If they agreed with the request, the MSP approved a Traffic Control Order (TCO) and submitted it to the County for implementation.

Unfortunately for local jurisdictions, the MSP does not view TCO's for parking regulations as a high priority, and they often can take several months for the initial review to even begin. Because of the inability to get these reviewed and approved in a timely manner, we began to explore whether we as a Charter Township could implement our own TCO's in the Township using the Michigan Uniform Traffic Code for Cities, Townships, and Villages (UTC). The Township adopted the UTC in 1974 (Chapter 74. Traffic and Vehicles) and most recently amended it in 2009.

According to our Township Attorneys, we may utilize the UTC in conjunction with the Ingham County Road Department and implement our own TCO's when it is deemed appropriate and in the best interests of our Township. Our process would mirror the process spelled out by R 28.1153 Rule 153. Traffic-control orders of the UTC.

For your review we have attached a copy of Chapter 74 of the Charter Township of Meridian Code of Ordinances, R28.1153 Rule 153. Traffic-control orders of the Michigan Uniform Traffic Code for Cities, Townships, and Villages and a sample of our proposed Charter Township of Meridian Traffic Control Order to be filed with our Township Clerk and the Ingham County Road Department.



13. D.

To: Township Board Members

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

Date: September 10, 2018

Re: Michigan Municipal Association for Utility Issues Membership

In May 2018, Consumers Energy filed an electric rate case (U-20134) for review by the Michigan Public Service Commission (MPSC). A rate case is a regulatory procedure by which the MPSC evaluates the fairness and appropriateness of proposed rates and tariffs.

The proposed tariffs appear to greatly increase rates for LED lights and significantly increase the rates for other lighting technologies. Other tariff changes that may be materially significant to municipalities are also included in the proposal, for example changes to industrial electric rates generally charged for municipal water pumping and treatment activities.

Several communities have agreed that intervening in the rate case and related MPSC proceedings as a coalition will increase the individual and collective capacity of the Communities to secure fair and favorable rates for the installation, operation and maintenance of municipal streetlight facilities, and to investigate and pursue other rate and tariff changes that may be problematic for the Communities.

We are requesting that Meridian Township also participate in the coalition and request that the Township Board adopt the attached Michigan Municipal Association for Utility Issues (MMA-UI) membership resolution and associated Memorandum of Understanding.

Membership is based on number of streetlights in the Township and our participation would cost \$3,829 for our community. The Memorandum of Understanding has a term of two years, but members may resign at any time with a 30 day notice.



To: Township Board Members

**From: Frank L. Walsh
Township Manager**

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

Date: September 11, 2018

Re: Citizen Survey Questions

For your review, we have included the 2018 Citizen Survey template. As you are aware, the Citizen Survey provides for the ability to add community specific questions to the survey (page 4 of the template). We are recommending that the following four questions be included in the survey document:

The Township has 147 miles of paved local roads. Only 26% are rated good to excellent. Our current road millage of 0.2479 generates \$424,400 per year. Our engineering analysis estimates that we need \$3.5 million per year. Would you support increasing the existing road millage from 0.2479 to 2.0 mills (this would cost \$200 per year to an owner of a home valued at \$200,000) to fix and maintain our local roads?

Choices: Strongly Support, Somewhat Support, Somewhat Oppose, Strongly Oppose

Through our dedicated land preservation millage we have acquired 954 acres over the past 18 years. We currently also have over 900 acres of parks. The current land preservation millage of 0.3273, which generates \$559,200, is set to expire in 2019. Would you support allowing the existing land preservation millage to expire and vote to use the 0.3273 mills (\$559,200) to fix and maintain our local roads?

Choices: Strongly Support, Somewhat Support, Somewhat Oppose, Strongly Oppose



13. E.

Please indicate to what extent you would support or oppose a property tax increase for each of the following to fund new facilities, maintenance or services:

- Public safety- police, fire and rescue services
- Energy conservation measures and use of alternative/clean energy sources
- Pathways
- Library services
- Public transportation
- Code enforcement
- Additional street lighting
- Landscaping/beautification to Township buildings/properties

Choices: Strongly Support, Somewhat Support, Somewhat Oppose, Strongly Oppose

Please indicate how much of a source, if at all, you consider each of the following to be for obtaining information about the Township government and its activities, events and services:

- Township Web site (www.meridian.mi.us)
- Local media outlets (newspapers, radio, local television)
- The local government cable channel HOMTV
- Township newsletter (Prime Magazine)
- Township Board meetings and other public meetings
- Talking with Township officials
- Township communications via social media (i.e. Facebook, Twitter, etc.)
- Word-of-mouth

Choices: Major Source, Minor Source, Not a Source

In addition, as requested by Trustee Jackson at a prior Township Board meeting, the 2006 Citizen Survey from the City of St. Joseph is also included.



To: Board Members

**From: Jane Greenway and Kelsey Dillon
Parks and Recreation Department**

Date: September 18, 2018

Re: Deer Management Recommendation

In 2017, the Township acquired five new properties through the Land Preservation program. The purpose of this memo is to update the Board on the status of the deer management program and to formally request permission to add the five new properties as well as three additional properties that have not been in the deer management program previously.

The proposed new additions are the following:

1. Ponderosa Preserve (92 acres located north of the Bonanza/Ponderosa subdivision)
2. Mandenberg Woods (4 acres located on Hamilton Road and Kenmore Drive)
3. Serafine/SW Uplands (14 acres located east of Hagadorn on the south side of Mt. Hope)
4. Mitroka (1 acre adjacent to the Towar Woods Preserve and neighborhood)
5. Tihart Preserve (90 acres located north of Tihart Road, east of Van Atta Road)
6. Newman Equities Preserve (1 acre along Central Park Drive, near MSUFUCU and Kohl's)
7. Potter (5 acres located north of Haslett Road, west of Carlton Drive)
8. North Meridian Road Park (60 acres located west of Meridian Road, north of Grand River)

Background

Meridian Township's eighth year of deer management will officially commence on October 1, 2018 and will run until January 1, 2019. This popular program places volunteer archery hunters on select Township and County owned properties to manage the deer population. Meridian Township has an over-population of deer that has resulted in an increase of damage to landscaping, reports of vehicle/deer accidents, concern for public health, and a disruption to the ecological balance of our natural areas. In response, the Meridian Township Board directed staff to develop and implement a deer management plan that outlines measures for a highly managed program to harvest white-tailed deer in a number of selected township-owned properties.

The program began in 2011 and has been conducted each year since that time. The harvest is held during the regular archery season, October 1st through January 1st. The managed harvest is NOT open to the general public. All hunters must be approved by the Township and are tested for proficiency at the MSU Demmer Archery Center. Only approved, qualified, competent and experienced hunters will be considered to access Township property for the managed harvest. Neighboring property owners are notified of the harvest each year. All parks and land preserves remain open to the public during archery season. The hunters have proven to be valuable partners

and act as the eyes and ears on Township-owned properties. The program continues to receive accolades statewide and serves as a model for suburban wildlife management.

Deer Management Program Statistics

(Collision based on data provided on the MSP "Traffic Crash Reporting System – Crash Statistics Report Selection Criteria")

| | Total Hunters | Properties Hunted | Deer Harvested | Reported Deer/Car Collisions |
|-------------|----------------------|--------------------------|-----------------------|-------------------------------------|
| 2011 | 25 | 7 | 43 | 152 |
| 2012 | 50 | 18 | 90 | 153 |
| 2013 | 60 | 20 | 127 | 180 |
| 2014 | 73 | 21 | 150 | 137 |
| 2015 | 30 | 19 | 63 | 144 |
| 2016 | 73 | 31 | 73 | 164 |
| 2017 | 66 | 30 | 80 | 129 |
| 2018 | 74 | 38 (proposed) | TBD | TBD |

Chronic Wasting Disease (CWD)

CWD is a deadly neurological disease found in the state's free-ranging deer population. Since the discovery of CWD deer in Meridian Township in May 2015, over 2,000 deer from Meridian Township have been tested for CWD in order to gauge the extent of the disease across the landscape. To date, nine deer in Ingham and Clinton counties have tested positive for the disease with five of them found in Meridian Township. To date, more than 31,000 deer in Michigan have been tested for chronic wasting disease, and CWD has been confirmed in 60 free-ranging deer in six Michigan counties: Clinton, Ingham, Ionia, Jackson, Kent and Montcalm.

In addition, the Michigan Department of Natural Resources works with the United States Department of Agriculture Wildlife Services to place sharpshooters on Township property in an effort to aggressively curtail the spread of chronic wasting disease. These sharpshooters have been working in the Township since 2015 but stop their management during archery season.

In summary, the discovery of CWD somewhat complicated the Meridian Deer Management program because the hunters are no longer allowed to utilize bait to attract the deer. This has resulted in a significant drop in deer harvested (seen from 2014 to 2015). In addition, local processors who processed the Township's deer are no longer participating in the Michigan Sportsmen Against Hunger program due to concerns over CWD. The World Health Organization

has advised against consuming venison that is contaminated with CWD, although no link to harmful effects in humans has yet been proven. Many processors will not take deer within the core CWD zone to be sure they are not contaminating their equipment which would have to be thrown out if a CWD positive deer was processed. The DNR is unsure of when the CWD restrictions can be lifted but they advised it will be at least a few more years. Until that time, the closest processor that works with Michigan Sportsmen against Hunger is in Howell. However, many of our hunters donate their venison through other private programs or directly provide venison to families in need. A few local processors will still process deer in the core zone and then the hunters take it upon themselves to donate the meat to charity.

Michigan State University Research Project

Johnathan Trudeau, a PhD student with the MSU Department of Fisheries and Wildlife, is conducting a long-term research project on white-tailed deer movement that started in January 2018. This research is part of a large-scale collaboration between Michigan State University (MSU), the Michigan Department of Natural Resources (MDNR), and the United States Department of Agriculture (USDA) aimed at characterizing deer movement across a landscape with varying human development. With the emergence of chronic wasting disease (CWD) in mid-Michigan, it is crucial to understand deer movement patterns to best inform effective disease management practices. The study area spans Ionia, Clinton, Ingham, and Shiawassee counties. In January, Jonathan's team captured 20 adult white-tailed deer and fit them with a global positioning system (GPS) collars so their movements can be monitored over an extended period of time.

The following properties are being utilized for the study: Central Park, North Meridian Road Park, Ted Black Woods, Nancy Moore Park, Towar Woods, Central Meridian Uplands, Davis Foster Preserve, Red Cedar River East Preserve, Tihart/Cornell Wetland Preserve, Legg Park, Forest Grove Preserve, North Ridge Preserve, the Transfer station, and Tihart Preserve.

Future Plans

The intention is to continue the volunteer archery deer management program in 2018-2019 with the hope that our volunteer's efforts will continue to reduce the herd and provide valuable data on Chronic Wasting Disease to the Michigan DNR.

Conclusion

Anecdotal evidence reveals that residents in the Haslett area are seeing fewer deer, while many residents in the Okemos are still experiencing issues with deer due to over-population. The Parks and Recreation office regularly fields calls from residents complaining about deer damage to personal property. Our environmental consultants and staff continue to report severe ecological damage to the natural areas due to over-browsing.

Memo to Township Board
September 18, 2018
Re: Deer Management Recommendation
Page 4 of 6

The onset of CWD has also raised concerns about the health of the deer herd in Meridian Township. While not its original intention, the deer management program now plays a vital role in providing the Michigan DNR and MSU with valuable data on the disease. Although, this now means one of the goals of the program to donate all harvested venison is not a possibility at this time. We will keep encouraging hunters to privately donate the venison they harvest and as soon as the CWD restrictions are lifted, we hope to resume all donations to Sportsman Against Hunger.

Attachment:

1. Meridian Township 2018 Deer Management Areas Map
2. Resolution for consideration

RESOLUTION TO APPROVE

Deer Management Recommendation

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 18th day of September, 2018, at 6:00 p.m. local time.

PRESENT: _____

ABSENT: _____

The following Resolution was offered by _____ and supported by _____.

WHEREAS, the Charter Township of Meridian has documented numerous complaints relative to the issue of the overpopulation of white-tailed deer including: over-grazing of landscape plants, a high number of deer/car collisions, threats to public health, and threats to the ecological health of natural areas; and

WHEREAS, a Deer Management Plan has been developed for the purpose of outlining measures for conducting a highly managed, safe, and humane managed deer harvest on Township-owned properties (and other properties.. county); and

WHEREAS, it is recognized that controlled hunting may help control the overpopulation of white-tailed deer; and

WHEREAS, the Charter Township of Meridian has authorized staff to conduct a managed deer harvest on Township-owned properties that will occur seven days per week during the regular archery season (October 1, 2018, through January 1, 2019); and

WHEREAS, the managed deer harvest will utilize qualified, competent, and experienced volunteer hunters; and

WHEREAS, the Township-owned properties are not open to unauthorized hunting; and

WHEREAS, the Charter Township of Meridian will work with the Michigan Department of Natural Resources to operate under the Disease Control Permit system for the purpose of acquiring 200 antlerless deer permits; and

WHEREAS, the Charter Township of Meridian’s Deer Management Program will comply with all State of Michigan rules and hunting regulations; and

WHEREAS, the public will be notified of the deer harvest through posted signs on the designated hunting properties, Township website postings, press releases to the local newspapers, and letters to owners of properties adjacent to designated hunting properties; and

WHEREAS, the Charter Township of Meridian has constructed an enclosure within Lake Lansing North Park for the purpose of visually observing areas that are open to deer browsing versus areas that are not, which has indicated a significant level of damage due to over-browsing of the natural vegetation; and

WHEREAS, parks, land preserves, and other natural areas provide ecological and aesthetic beauty, improve water quality, protect groundwater, prevent flooding, improve the quality of the air we breathe, provide vegetative buffers to development, and produce habitat for wildlife; and

WHEREAS, the Charter Township of Meridian recognizes the benefits derived from parks and land preserves and appreciates benefits of local wildlife.

NOW, THEREFORE, BE IT RESOLVED by the Township Board of the Charter Township of Meridian that a Township-managed deer harvest will occur on the following thirty eight properties in 2018: Central Park; Towner Road Park; Wonch Park; Ferguson Park; Harris Nature Center; Eastgate Park; Legg Park; Hartrick Park; Ted Black Woods; North Meridian Road Park; Red Cedar Natural Area; Forest Hills Natural Area; Tacoma Hills Park; Orlando Outlot B; Davis/Foster Preserve; Hubbel Preserve; Lake Lansing North Preserve; Newman Equities Preserve; Towar Woods Preserve; Lake Lansing South Preserve; Central Meridian Uplands; Sower Woods Preserve; Tihart/Cornell Wetland; Southwest Meridian Uplands; Sumbal Preserve; Red Cedar Glen Preserve; Towner Wetland Preserve; Meridian Central Wetland; Red Cedar River East Preserve; Forest Grove Preserve; North Ridge Preserve; Mandenberg Woods; Tihart Preserve; Ponderosa Preserve; Glendale Cemetery; Riverside Cemetery; Ingham County Farm; Transfer Station.

ADOPTED: YEAS:
 NAYS:

STATE OF MICHIGAN)
) ss:
COUNTY OF INGHAM)

I, the undersigned, the duly qualified and acting Clerk for the Charter Township of Meridian, Ingham County, Michigan, do hereby certify that the foregoing is a true and complete copy of a resolution adopted at a regular meeting of the Township Board on the 18th day of September 2018.

Brett Dreyfus, CMMC
Township Clerk

Meridian Township Deer Management Areas

- 1 Central Park
- 2 Towner Road Park
- 3 Wonch Park
- 4 Ferguson Park
- 5 Harris Nature Center
- 6 Eastgate Park
- 7 Legg Park
- 8 Hartrick Park
- 9 Ted Black Woods
- 10 North Meridian Rd. Park
- 11 Red Cedar Natural Area
- 12 Forest Hills Natural Area
- 13 Tacoma Hills Park
- 14 Orlando Outlot B
- 15 Davis/Foster Preserve
- 16 Hubbel Preserve
- 17 Lake Lansing North Preserve
- 18 Newman Equities Preserve
- 19 Towar Woods Preserve
- 20 Lake Lansing South Preserve
- 21 Central Meridain Uplands
- 22 Sower Woods Preserve
- 23 Tihart/Cornell Wetland
- 24 Southwest Meridian Uplands
- 25 Sumbal Preserve
- 26 Red Cedar Glen Preserve
- 27 Towner Wetland Preserve
- 28 Meridian Central Wetland
- 29 Red Cedar River East Preserve
- 30 Forest Grove Preserve
- 31 Northridge Preserve
- 32 Mandenberg Woods
- 33 Tihart Preserve
- 34 Ponderosa Preserve
- 35 Glendale Cemetery
- 36 Riverside Cemetery
- 37 Ingham County Farm
- 38 Transfer Station

