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**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING**

Tuesday, June 16, 2015
7:00 PM



- A. CALL TO ORDER** at _____ **P.M.**
- B. PLEDGE OF ALLEGIANCE TO THE FLAG**
- C. ROLL CALL:** Kay Arnold _____, Nancy Conzelman _____, Chuck Curmi _____,
Bob Doroshewitz _____, Ron Edwards _____, Mike Kelly _____,
Shannon Price _____

D. APPROVAL OF AGENDA

Regular Meeting - Tuesday, June 16, 2015

- E. Life Saving Award** - Adam Johnson and Joseph Micallef

F. APPROVAL OF CONSENT AGENDA

E.1 Approval of Minutes:

BOT Minutes 05-19-15 Proposed

E.2 Acceptance of Utility Easements:

E.3 Acceptance of Communications, Resolutions, Reports:

Building Department Report - May 2015
Fire Department Report - May 2015
FOIA Monthly Report - May 2015

E.4 Approval of Township Bills:

		Year 2015
General Fund	(101)	\$408,699.65
Solid Waste Fund	(226)	5,217.99
Improvement Revolving Fund (Capital Projects)	(246)	122,477.55
Drug Forfeiture Fund	(265)	11,278.06
Golf Course Fund	(510)	3,692.65
Water and Sewer Fund	(592)	914,201.46
Trust and Agency Fund	(701)	-0-
Police Bond Fund	(702)	6,352.00
Tax Fund	(703)	-0-
Special Assessment Fund	(805)	16,030.50
Total:		\$1,487,949.86

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING**

Tuesday, June 16, 2015
7:00 PM



G. PUBLIC COMMENTS AND QUESTIONS

H. PUBLIC HEARING

I. COMMUNITY DEVELOPMENT

J. UNFINISHED BUSINESS

K. NEW BUSINESS

- 1) Request for Board Action - Los Tres Amigos Liquor License Application
Resolution 2015-06-16-21
- 2) Request for Board Action - Replace firefighter SCBA cylinders
- 3) Request for Board Action - SAD for Deer Creek Subdivision
- 4) Request for Board Action - SAD for Hunters Creek Subdivision
- 5) Request for Board Action - SAD for Plymouth Gardens and Finch Subdivisions
- 6) Request for Board Action - SAD for Plymouth Notch Subdivision (Litchfield Drive)
- 7) Request for Board Action - SAD for Ridgewood Hills Nos. 2, 3 & 4 Subdivisions
- 8) Request for Board Action - 2015 Road Crack Sealing for past SAD Road Projects
- 9) Request for Board Action - Approve new FOIA procedures
- 10) Request for Board Action - Contract Award Lake Pointe Tank Overcoat Project
- 11) Request for Board Action- Bid Award for Lake Pointe Soccer Park Drainage

L. SUPERVISOR AND TRUSTEE COMMENTS

M. PUBLIC COMMENTS

N. CLOSED SESSION:

At _____ p.m., _____ moved that a closed session be called for the permissible purposes of discussing pending litigation under OMA Section 8(e).

Seconded by _____

Arnold ___ Conzelman ___ Curmi ___ Doroshewitz ___ Edwards ___ Kelly ___ Price

At ___ p.m., _____ moved to return to open session.

Seconded by _____

Arnold___ Conzelman___ Curmi___Doroshewitz___Edwards___ Kelly___Price___

O. ADJOURNMENT

PLEASE TAKE NOTE: The Charter Township of Plymouth will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audio tapes of printed materials being considered at all Township Meetings, to individuals with disabilities at the Meetings/Hearings upon two weeks notice to the Charter Township of Plymouth by writing or calling the following: Human Resource Office, 9955 N Haggerty Road, Plymouth, MI 48170. Phone number (734) 354-3202 TDD units: 1-800-649-3777 (Michigan Relay Services)



Ms. Nancy Williams
Plymouth Township Supervisor's Office
9955 North Haggerty
Plymouth, MI 48170
NWilliams@PlymouthTwp.org

June 1, 2015

RE: LIFE-SAVING EFFORTS OF TEAM MEMBERS AT THE INN AT ST. JOHN'S

Dear Ms. Williams;

Thank you for taking my Assistant General Manager, Jim Fowler's, call concerning the life-saving efforts of Mr. Adam Johnson, a Security Supervisor, and Mr. Joseph Micallef, a Golf Ranger, at The Inn at St. John's last week. Here are the particulars to this frightening but ultimately wonderful story....

On Thursday, May 25, a guest was playing golf as a member of a weekly golf league held at St. John's Golf course at The Inn at St. John's. At approximately 5:19 PM, he was teeing off at the 19th hole. By all reports, he had just hit the best shot of his life when he suffered cardiac arrest.

At that time, his brother (and playing partner) immediately called 911. Noticing concern with his condition, the Golf Ranger on duty, Mr. Joseph Micallef, radioed to his supervisor, PGA Golf Professional and Director of Golf, Mr. James Mrozinski, for assistance.

Jim contacted Mr. Adam Johnson, Security Supervisor, who quickly responded by taking an AED to the 19th tee. His response time was less than five minutes from the original event. Here is what Adam wrote on the In-house Security Report:

At 5:23pm, I was notified by Jim Mrozinski of a league golfer who was unconscious from cardiac arrest. I retrieved the AED and went to the 19th tee. Upon arrival, I observed the golfer lying on the ground. His brother was present and informed me that he had already phoned 911.

I applied the AED pads to his chest as I was unable to obtain a pulse and he was blueish in skin tone. At 5:26 pm, I delivered one shock from the AED and gave him three cycles of CPR. He began to regain consciousness just as the EMS was arriving. He was transported by EMS to St. Mary Mercy Hospital in Livonia.

Today, Jim Fowler spoke with a member of this gentleman's league. He stated that he was doing well and has since been released from the hospital. He also said that had our team not responded in the manner in which they had been trained for such emergencies and had the property not had an AED available that his friend's chances of surviving this incident would have been grave....likely fatal.

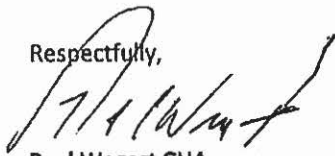
41015 Five Mile Road • Plymouth, Michigan 48170 • Tel: 734-414-0600 • Fax: 734-414-0606
www.theinnatstjohns.com

The Inn at St. John's takes our responsibility to provide a safe and fun environment for our guests and associates seriously. We have over 50 CPR and First Aid trained hospitality professionals on staff covering every department. Our 24-hour security team is made up of several current and former police officers whose life-long training and dedication to public safety has never been as evident as it was this past week.

We are EXTREMELY proud of Mr. Micallef and Mr. Johnson and their efforts to save our guest's life. While The Inn at St. John's is showing our appreciation by awarding them gift certificates and recognition via our newsletter, we would appreciate any recognition that might be available through Plymouth Township.

Thank you for your kind consideration in this matter.

Respectfully,

A handwritten signature in black ink, appearing to read 'Paul Wegert', written in a cursive style.

Paul Wegert CHA
General Manager



CHARTER TOWNSHIP OF PLYMOUTH

9955 N HAGGERTY RD • PLYMOUTH, MICHIGAN 48170-4673
www.plymouthtp.org

June 16, 2015

The Plymouth Township Board of Trustees takes pleasure in presenting this **LIFE SAVING AWARD** to:

ADAM JOHNSON

On Thursday, May 25, 2015 a guest was playing golf as a member of a weekly golf league held at St. John's Golf course at The Inn at St. John's. At approximately 5:19 pm, he was teeing off at the 19th hole. By all reports, he had just hit the best shot of his life when he suffered cardiac arrest.

At that time, his brother (and playing partner) immediately called 911. Noticing concern with his condition, the Golf Ranger on duty, Mr. Joseph Micallef, radioed to his supervisor, PGA Golf Professional and Director of Golf, Mr. James Mrozinski, for assistance.

Jim contacted Mr. Adam Johnson, Security Supervisor, who quickly responded by taking an AED to the 19th tee. His response time was less than five minutes from the original event. Here is what Adam wrote on the in-house Security Report:

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Had the team at St. John's not responded in the manner in which they had been trained for such emergencies and had the property not had an AED available this individual may not have survived this incident.

For his actions, Mr. Johnson is presented this Life Saving Award.

SUPERVISOR
Shannon G. Price
(734) 354-3201

CLERK
Nancy C. Conzelman
(734) 354-3224

TREASURER
Ron Edwards
(734) 354-3214

TRUSTEES
Kay Arnold, Robert Doroshewitz
Michael Kelly, Charles Curmi

CHARTER TOWNSHIP OF PLYMOUTH



The Plymouth Township Board of Trustees awards to

Adam Johnson

this

Life Saving Award

In recognition of the Recipient's Valuable Contribution to the Community.



6-16-2015

Date

Shannon Price

Shannon Price, Plymouth Township Supervisor



CHARTER TOWNSHIP OF PLYMOUTH

9955 N HAGGERTY RD • PLYMOUTH, MICHIGAN 48170-4673
www.plymouthtwp.org

June 16, 2015

The Plymouth Township Board of Trustees takes pleasure in presenting this **LIFE SAVING AWARD** to:

JOSEPH MICALLEF

On Thursday, May 25, 2015 a guest was playing golf as a member of a weekly golf league held at St. John's Golf course at The Inn at St. John's. At approximately 5:19 pm, he was teeing off at the 19th hole. By all reports, he had just hit the best shot of his life when he suffered cardiac arrest.

At that time, his brother (and playing partner) immediately called 911. Noticing concern with his condition, the Golf Ranger on duty, Mr. Joseph Micallef, radioed to his supervisor, PGA Golf Professional and Director of Golf, Mr. James Mrozinski, for assistance.

Jim contacted Mr. Adam Johnson, Security Supervisor, who quickly responded by taking an AED to the 19th tee. His response time was less than five minutes from the original event. Here is what Adam wrote on the in-house Security Report:

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Had the team at St. John's not responded in the manner in which they had been trained for such emergencies and had the property not had an AED available this individual may not have survived this incident.

For his actions, Mr. Micallef is presented this Life Saving Award.

SUPERVISOR
Shannon G. Price
(734) 354-3201

CLERK
Nancy C. Conzelman
(734) 354-3224

TREASURER
Ron Edwards
(734) 354-3214

TRUSTEES
Kay Arnold, Robert Doroshewitz
Michael Kelly, Charles Curmi

CHARTER TOWNSHIP OF PLYMOUTH



The Plymouth Township Board of Trustees awards to

Joseph Micallef

this

Life Saving Award

In recognition of the Recipient's Valuable Contribution to the Community.



6-16-2015

Date

Shannon Price

Shannon Price, Plymouth Township Supervisor

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, MAY 19, 2015**

MINUTES

Supervisor Price called the meeting to order at 7:10 p.m. and led in the Pledge of Allegiance to the Flag.

MEMBERS PRESENT: Shannon Price, Supervisor
Nancy Conzelman, Clerk
Ron Edwards, Treasurer
Kay Arnold, Trustee
Charles Curmi, Trustee
Robert Doroshewitz, Trustee

ABSENT: Michael Kelly, Trustee, Excused

OTHERS PRESENT: Patrick Fellrath, Director of Public Utilities
Mark Lewis, Chief Building Official
Dan Phillips, Fire Chief
Jana Radtke, Comm. Dev. Director/Planner
Thomas Tiderington, Police Chief
Kevin Bennett, Township Attorney
David Richmond, Spalding DeDecker Associates
Robert Antal, Police Lieutenant
Susan Vignoe, Solid Waste & Public Serv. Coordinator
Alice Geletzke, Recording Secretary
26 Members of the Public

D. APPROVAL OF AGENDA

Regular Meeting - Tuesday, May 19, 2015

Mr. Price asked that Item G.1, Public Hearing on Application of Federal Mogul Corp., be moved prior to Item F, Public Comment; and that Item J.5, SAD, Plymouth Commons Sub, be moved prior to Item J.1, Contract Award.

Moved by Mr. Curmi and seconded by Ms. Arnold to approve the agenda for the Board of Trustees regular meeting of May 19, 2015 as amended.

Mr. Doroshewitz asked that Item J.3, 2015 General Fund Amendment, be postponed for further study of the audit reports.

The amendment to the motion was accepted by the maker, Mr. Curmi; however, Ms. Arnold, the supporter, asked that the possibility of postponement be made during discussion of the item, rather than removal from the agenda, to which Mr. Doroshewitz agreed.

Vote on original motion: Ayes all.

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, MAY 19, 2015**

MINUTES

E. APPROVAL OF CONSENT AGENDA

- E.1 **Approval of Minutes:**
Regular Meeting - April 21, 2015
Special Meeting - April 30, 2015
- E.2 **Acceptance of Utility Easements:**
- E.3 **Acceptance of Communications, Resolutions, Reports:**
Building Report - April 2015
Fire Department Report - April 2015
Comcast Letter
- E.4 **Approval of Township Bills:**

		Year 2015
General Fund	(101)	\$ 886,084.70
Solid Waste Fund	(226)	140,355.32
Improvement Revolving Fund (Capital Projects)	(246)	2,200.00
Drug Forfeiture Fund	(265)	8,224.05
Golf Course Fund	(510)	1,811.79
Water and Sewer Fund	(592)	408,250.00
Trust and Agency Fund	(701)	650.00
Police Bond Fund	(702)	9,289.00
Tax Fund	(703)	-0-
Special Assessment Fund	(805)	12,392.20
Total:		\$1,469,257.06

Mr. Doroshewitz commented on the content of the minutes, including the minutes of April 30, Page 11, where he asked about the legal bills, as well as credit card bills and detailed finances of the golf course.

Moved by Ms. Conzelman and seconded by Ms. Arnold to approve the consent agenda for the Board of Trustees regular meeting of May 19, 2015.

AYES: Doroshewitz, Curmi, Conzelman, Arnold, Edwards, Price
 NAYS: None
 ABSENT: Kelly

G. PUBLIC HEARING

- 1) Application of Federal-Mogul Corporation for Industrial Facilities Exemption Certificate - **Resolution 2015-05-19-18**

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, MAY 19, 2015**

MINUTES

Mr. Scott Pepin, Vice-President, Global Human Resources, Powertrain, addressed the Board and answered questions.

Mr. Price opened the public hearing at 7:25 p.m.

A resident, a Ford Motor Co. employee who happened to be attending the meeting, spoke in support of Federal-Mogul Corporation's application.

There being no further public comment, the hearing was closed at 7:29 p.m.

Moved by Ms. Conzelman and seconded by Mr. Curmi to approve Resolution 2015-05-19-18 for Federal Mogul Corporation for a twelve (12) year Industrial Facility Tax Exemption Certificate for real and personal property improvements located at 47001 Port Street, Plymouth Township, Wayne County, Michigan.

AYES: Arnold, Conzelman, Curmi, Doroshewitz, Edwards, Price
NAYS: None
ABSENT: Kelly

A copy of the Resolution is on file in the Clerk's office for public perusal.

F. PUBLIC COMMENTS AND QUESTIONS

Harry Jachym spoke on the topic of the Township's quick response to his sewer problem and Joanne Lamar expressed concern regarding the effect of tree removal on the park bat population as mosquito control. Treasurer Edwards explained the timing of the tree removal and described the presence of a robust bat population at the park.

H. COMMUNITY DEVELOPMENT

- 1) Request for Board Action - Approve the Updated Charter Township of Plymouth Master Plan for Land Use - **Resolution 2015-05-19-17**

Jana Radtke, Community Development. Director/Planner, reviewed the Planning Commission procedure for their approval of the updated Master Plan for Land Use.

Moved by Ms. Arnold and seconded by Ms. Conzelman to approve Resolution 2015-05-19-17, to approve the updated Charter Township of Plymouth Master Plan for Land Use

AYES: Arnold, Conzelman, Curmi, Doroshewitz, Edwards, Price
NAYS: None
ABSENT: Kelly

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, MAY 19, 2015**

MINUTES

A copy of the Resolution is on file in the Clerk's office for public perusal.

I. UNFINISHED BUSINESS

J. NEW BUSINESS

- 5) Request for Board Action - Special Assessment District - Plymouth Commons Subdivision

Rhett Gronevelt of OHM Advisors addressed the Board and answered questions regarding the project.

Moved by Ms. Conzelman and seconded by Ms. Arnold to authorize the engineering firm of OHM Advisors to provide preliminary engineering required to establish the level of improvements, location, and estimate of cost for the road rehabilitation of Plymouth Commons Subdivision as submitted and described on the received petitions for a cost not to exceed Seven Thousand Dollars (\$7,000.00). The scope of work for the above shall include:

1. Procure a qualified agent to conduct the necessary geotechnical engineering study for the project. Costs for this portion of the study are to be paid for separately.
2. Take preliminary grade shots and/or prepare preliminary cross section of rehabilitation method showing improvement location and proposed SAD.
3. Meetings with Wayne County to review preliminary plan, cross sections and other information.
4. Prepare preliminary cost estimate for project.
5. Any and all activities needed to proceed with the Public Hearing of Necessity.

AYES: Arnold, Conzelman, Curmi, Doroshewitz, Edwards, Price

NAYS: None

ABSENT: Kelly

- 1) Request for Board Action - Contract Award - Residential Refuse, Recycling and Yard Waste Services

Patrick Fellrath, Director of Public Utilities, and Mary Jo Van Natter of Rizzo Environmental Services addressed the Board and answered questions regarding the bid procedure, service options, and conducting a short resident survey to gather data on cart size preferences. Trustee Doroshewitz objected to voting on this matter so quickly and strongly recommended postponing the decision on vendors until the June meeting. Trustee Arnold, Treasurer Edwards, and Supervisor Price indicated no objection to postponing the vote. Ms. Conzelman noted that Rizzo is by far the lowest bidder, no matter which service option is ultimately supported by residents, so postponement would not result in any different vendor choice, although she would be fine with postponing the vote. Ms. Van Natter confirmed that postponing the vote would not jeopardize Rizzo's ability to begin service in

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, MAY 19, 2015**

MINUTES

September. In addition to bid specifications, contract terms and other background material, board members were presented with the following Bid Tab:

**BID TAB
Residential Refuse, Recycling and Yard Waste Services
For Bids Due May 12, 2015**

SERVICE OPTION 1	YEAR	CURRENT	ADVANCED DISPOSAL	DUNCAN BASE	REPUBLIC BASE BID	RIZZO SERVICES	WASTE MANAGEMENT BASE BID
SAME AS EXISTING SERVICES. NON-AUTOMATED WEEKLY COLLECTION OF REFUSE, RECYCLING AND YARD WASTE	1	10 BJ	\$15.98	\$16.15	\$17.38	\$11.99	\$12.53
	2		\$16.29	\$16.50	\$17.93	\$11.99	\$12.84
	3		\$16.81	\$16.92	\$18.19	\$12.02	\$13.16
	4		\$16.94	\$17.15	\$19.07	\$12.07	\$13.49
	5		\$17.25	\$17.97	\$19.65	\$12.07	\$13.83
	6		\$17.50	\$18.52	\$20.26	\$12.15	\$14.17
	7		\$17.93	\$19.08	\$20.87	\$12.45	\$14.53
AVERAGE			\$16.94	\$17.51	\$19.09	\$12.13	\$13.51

SERVICE OPTION 2	YEAR	CURRENT	ADVANCED DISPOSAL	DUNCAN BASE	REPUBLIC BASE BID	RIZZO SERVICES	WASTE MANAGEMENT BASE BID
AUTOMATED WEEKLY COLLECTION OF REFUSE WITH 95-96 GAL OR 64-65 GAL CART, AND AUTOMATED BI-WEEKLY COLLECTION OF RECYCLABLES WITH 95-96 GAL CART, AND NON-AUTOMATED WEEKLY COLLECTION OF YARD WASTE	1	N/A	\$14.59	\$16.16	\$17.72	\$13.25	\$14.81
	2		\$14.87	\$16.54	\$17.66	\$13.25	\$15.21
	3		\$15.13	\$16.96	\$18.20	\$13.26	\$15.59
	4		\$15.44	\$17.48	\$18.77	\$13.28	\$15.96
	5		\$15.71	\$18.00	\$19.31	\$13.28	\$16.38
	6		\$16.04	\$18.55	\$19.94	\$13.72	\$16.79
	7		\$16.39	\$19.12	\$20.54	\$13.72	\$17.21
AVERAGE			\$15.45	\$17.55	\$18.80	\$13.40	\$16.00

SERVICE OPTION 3	YEAR	CURRENT	ADVANCED DISPOSAL	DUNCAN BASE	REPUBLIC BASE BID	RIZZO SERVICES	WASTE MANAGEMENT BASE BID
AUTOMATED WEEKLY COLLECTION OF REFUSE WITH 95-96 GAL OR 64-65 GAL CART, AND AUTOMATED WEEKLY COLLECTION OF RECYCLABLES WITH 64-65 GAL CART, AND NON-AUTOMATED WEEKLY COLLECTION OF YARD WASTE	1	N/A	\$15.04	\$18.28	\$17.38	\$13.25	\$14.81
	2		\$15.41	\$18.68	\$17.89	\$13.24	\$15.21
	3		\$15.67	\$19.13	\$18.48	\$13.28	\$15.59
	4		\$15.91	\$19.71	\$19.07	\$13.28	\$15.98
	5		\$16.22	\$20.34	\$19.69	\$13.28	\$16.48
	6		\$16.53	\$20.95	\$20.23	\$13.72	\$16.79
	7		\$16.85	\$21.59	\$20.86	\$13.72	\$17.21
AVERAGE			\$15.93	\$19.82	\$19.05	\$13.40	\$16.00

Moved by Mr. Curmi to postpone the Contract Award for Residential Refuse, Recycling and Yard Waste Services to the next meeting.

Motion died for lack of support.

Moved by Ms. Conzelman and seconded by Ms. Arnold to accept the low bid for Residential Refuse, Recycling and Yard Waste Services for the Charter Township of Plymouth as submitted by Rizzo Environmental Services, Inc., as described in their Bid submitted on May 12, 2015, and authorize the Supervisor and Clerk to sign the attached Contract between the Township and Rizzo Environmental Services, Inc., said contract being consistent with the accepted Bid documents, provided the following conditions are met: (1) a resident survey is conducted to gather data on cart size preference and help determine service option and (2) Rizzo Environmental Services, Inc., meets all submittal requirements for contract award.

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, MAY 19, 2015**

MINUTES

It was agreed by the maker and supporter to amend clause (1) of the motion to clarify that it is the Township's responsibility to conduct the resident survey, the amended clause (1) to read as follows: "that the Charter Township of Plymouth will conduct a resident survey to gather data on cart size preference and help determine service option, and".

AYES: Doroshewitz, Conzelman, Arnold, Edwards, Price
NAYS: Curmi
ABSENT: Kelly

Motion carried.

- 2) Request for Board Action - Contract Award - Landscape Maintenance Services for DDA Streetscape - West Phase

Moved by Mr. Curmi and seconded by Ms. Arnold to award the 3-year Landscape Maintenance Service Agreement for the West Phase of the DDA Streetscape to Infinitely Green Landscaping in the amount of \$22,620.00 per year, and further move to award the snow removal services for the West Phase of the DDA Streetscape to Infinitely Green Landscaping in the amount of \$180.00 per snow/ice event.

AYES: Curmi, Doroshewitz, Conzelman, Arnold, Edwards, Price
NAYS: None
ABSENT: Kelly

- 3) Request for Board Action - 2015 General Fund Amendment –
Resolution 2015-05-19-19

The request included adding a Director of Parks and Grants in the Supervisor's department and a part-time Administrative Assistant in the Clerk's department.

Trustee Doroshewitz strongly objected to wording of the "Background" section of the Staff Request, asserting that it is inconsistent with prior organizational charts contained in prior Comprehensive Annual Financial Reports (CAFERs) showing organizational responsibility for parks falling under someone other than the Treasurer. The "Background" section of the Staff Request provided as follows:

BACKGROUND: On September 28, 2010, the Board of Trustees passed Resolution 10-09-28-31, adopting the 2010 Community Park, Recreation, Open Space and Greenway Plan. Due to the financial downturn, as part of the 2010 Plan, Treasurer Edwards committed to overseeing the maintenance and improvements at the parks, coordinating directly with the Supervisor. These responsibilities were over and above his responsibilities as Township Treasurer, at no additional compensation, thus saving the Township hundreds of thousands of dollars in the intervening years. The proposed Director of Parks and Grants position would be responsible for managing the Plymouth

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, MAY 19, 2015**

MINUTES

**Township Parks, Hilltop Golf Course and Grant Application and Management,
and report to the Supervisor.**

Clerk Conzelman indicated that organizational charts in recent CAFERs depict park maintenance, improvements and golf course as the responsibility of the Treasurer. Trustee Doroshewitz also objected to the position description, the need for a full time person, the salary and also felt that posting the position for 10 days was inadequate. Supervisor Price indicated that the parks and recreation duties alone require substantial time, in addition to working with all departments including police, fire and DPS on grant opportunities, and SEMCOG on sidewalk grant opportunities, etc. Treasurer Edwards indicated that prior to 2008, there were two full time people making mid-\$50K and \$38K respectively, and three part time people. At that time, the Township had a contractor cutting the grass at all Township facilities at a cost of mid to high 40's. Treasurer Edwards said that by 2009, both full timers had retired, and were not replaced due to the financial downturn. The contractor was also eliminated and seasonal employees were brought in to cut the grass and care for the park. Doing this saved the Township \$100,000 each year. Treasurer Edwards said there are a lot of hours to be put in and considerable work to be done out at the park particularly from April through October and when the seasonal employees leave, the park director will have to still ensure that maintenance of the park and facilities continues throughout the year.

On the budget amendment pertaining to the part time administrative position in the Clerk's office, Ms. Conzelman indicated that she did not fill this position when it became vacant in November 2012, in order to assess whether or not it was needed. The number of special elections being called, in addition to the regular election cycle, has resulted in the need for part time administrative assistance.

It was moved by Ms. Arnold and seconded by Mr. Edwards to approve **Resolution 2015-05-19-19**, amending the 2015 General Fund Budget.

AYES: Arnold, Edwards, Conzelman, Price
NAYS: Curmi, Doroshewitz

Motion carried.

A copy of the Resolution is on file in the Clerk's office for public perusal.

- 4) Request for Board Action - Amended 2015 Improvement Revolving Fund
Resolution 2015-05-19-20

Mr. Edwards explained the amendment is for the unexpended park project funds from 2014, with \$500,000 being brought forward.

Moved by Ms. Conzelman and seconded by Mr. Edwards to approve Resolution 2015-05-15-20 adopting the Amended Improvement Revolving Fund Budget for 2015.

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, MAY 19, 2015**

MINUTES

AYES: Conzelman, Edwards, Arnold, Curmi, Price
NAYS: Doroshewitz

Motion carried.

A copy of the Resolution is on file in the Clerk's office for public perusal.

K. SUPERVISOR AND TRUSTEE COMMENTS

Mr. Doroshewitz requested the Board set a policy for inclusion of community events in the E-News. He objected to the non-inclusion of the PARC swimming program schedule.

Mr. Curmi had questions regarding sidewalk repair and the RFP for redesign of the website. He also asked to see drafts of the newsletters before they are sent.

Ms. Conzelman congratulated the PCEP high school radio station (88.1 The Park) on their fine work and many awards and wished good luck to all the graduating seniors from that program.

Mr. Edwards gave an update on pavilion work, park sidewalk repair, and sprayscape work.

Mr. Price commented on the sound system, E-news, meeting on sidewalk repair, and meetings with the Council on Aging and status of City of Plymouth's outstanding balance on the dispatch contract, and the legacy costs owed to the Township from the dissolution of the joint fire agreement.

L. PUBLIC COMMENTS

Bryan Bentley spoke on the topic of having public comment on the agenda after comments from the Supervisor and Trustees; Ken Garner's topics included surveys and payment of Bar Assoc. dues; Polly Wise spoke on the hole in the park being filled and then reopened, having the opportunity to ask questions of the board during meetings, and the length of time it takes for the board to move through agenda items; Susan Bondie spoke on the new park position and whether it was written for a particular person; Gloria Rodriguez supports adding the park position, questioned the salary and the different skills for parks and grant writing, tracking hours for the administrative vacancy, and public's opportunity to comment; John Maclaren spoke on how the refuse program survey results will impact the decision about which option will be chosen.

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, MAY 19, 2015**

MINUTES

M. ADJOURNMENT

Moved by Ms. Arnold and seconded by Mr. Edwards to adjourn the meeting at 10:36 p.m. Ayes all.

AYES: Doroshewitz, Conzelman, Arnold, Edwards, Price, Curmi
NAYS: None
ABSENT: Kelly

Nancy Conzelman, Plymouth Township Clerk

CHARTER TOWNSHIP OF PLYMOUTH
DEPARTMENT OF BUILDING & CODE ENFORCEMENT



MONTHLY REPORT

May
2015

New Commerical Building for 2015

Company Name	Property Address	Type of Work	Construction Value	Status	Month
DFCU	855 Ann Arbor RD	Interior to new bldg	500,000	Issued	January
LA Fitness	41128 Ann Arbor RD	New building	2,000,000	Issued	May
Total Construction Value			2,500,000		

New Commercial Additions/Alterations for 2015

Company Name	Property Address	Type of Work	Construction Value	Status	Month
Mobis North America/Hyundai	46501 Commerce Center	Interior Demo	250,000	Issued	January
Magna	46600 Port ST	Addition	2,000,000	Issued	January
Techman Sales Inc	47805 Galleon	Tenant finish	125,000	Issued	January
Michigan Oral Surgeons	41049 Ann Arbor RD	Tenant finish	300,000	Issued	January
SVS Vision	41472 Ann Arbor RD	Tenant finish	120,000	Issued	February
CFCU	14492 Sheldon #310	Tenant finish	8,000	Issued	February
Arbor Pyschology Group	44450 Pine Tree	Tenant finish	11,000	Issued	February
MLLM Properties	1200 Sheldon	Interior repairs	475,000	Issued	February
Clip & Clamps	15050 Keel	Interior remodel	38,000	Issued	February
Hayden McNeil Publishing	14903 Pilot	Interior remodel	834,000	Issued	March
Versatrans	14777 Keel	Interior remodel	40,000	Issued	March
Magna	46600 Port ST	Equipment platform	60,000	Issued	March
Hyundai	46501 Commerce Center	Addition	5,000,000	Issued	March
Magna	46600 Port ST	2nd platform	220,000	Issued	March
Pediatric Dental	9404 Sheldon	Tenant finish	120,000	Issued	April
Materialise	44650 Helm CT	Office remodel	525,000	Issued	April
New Electric	15000 Cleat ST	Modular Office	350,000	Issued	April
PT&C Forensics	44772 Helm	Tenant finish	156,000	Issued	April
Little Gym	44711 Five Mile	Tenant finish	20,000	Issued	April

Company Name	Property Address	Type of Work	Construction Value	Status	Month
Lakeside Management	47091 Five Mile	Tenant finish	50,000	Issued	May
Financial Link	43855 Plymouth Oaks	Install paint booth	20,000	Issued	May
Total Construction Value			10,722,000		
Grand Total Construction Value			<u>13,222,000</u>		

Residential Housing 2015

	<u>Single Family Detached</u>			
	<u>Total # Buildings</u>	<u>Total # Dwelling</u>	<u>Total Value Construction</u>	<u>Total Square Feet</u>
January	1	1	320,000	3,715
February	0			
March	5	5	1,421,230	15,079
April	5	5	1,095,552	11,183
May	1	1	300,000	3,280
June				
July				
August				
September				
October				
November				
December				
Totals	12	12	\$3,136,782	33,257

	<u>Single Family Attached (Townhouses/ Row Houses)</u>			
	<u>Total # Buildings</u>	<u>Total # Dwelling</u>	<u>Total Value Construction</u>	<u>Total Square Feet</u>
January	0			
February	0			
March	0			
April	0			
May	0			
June	0			
July	0			
August	0			
September	0			
October	0			
November	0			
December	0			
Totals	0	0	\$ -	-

	<u>Two-Family Buildings (Duplex)</u>			
	<u>Total # Buildings</u>	<u>Total # Dwelling</u>	<u>Total Value Construction</u>	<u>Total Square Feet</u>
January	0			
February	0			
March	0			
April	0			
May	0			
June				
July				
August				
September				
October				
November				
December				
Totals	0	0	\$ -	-

	<u>Three-or-more Family Building (Apartments/Stacked Condos)</u>			
	<u>Total # Buildings</u>	<u>Total # Dwelling</u>	<u>Total Value Construction</u>	<u>Total Square Feet</u>
January	0			
February	0			
March	0			
April	0			
May	1	5	875,000	9,200
June				
July				
August				
September				
October				
November				
December				
Totals	1	5	\$ 875,000	9,200

	<u>Total # Buildings</u>	<u>Total # Dwelling</u>	<u>Value Construction</u>	<u>Square Feet</u>
Totals all categories	13	17	\$ 4,011,782	42,457

Building Department 2015

<u>Classification</u>	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	2015 Totals
Total Building Permits	44	44	110	141	117								456
<u>Trade Permits</u>													
Electrical	28	28	31	42	31								160
Mechanical	29	32	60	51	50								222
Plumbing	25	15	26	34	19								119
Total Trade Permits	126	119	227	268	217	0	0	0	0	0	0	0	957
<u>Miscellaneous</u>													
Special Inspections	0	1	0	0	0								1
Temp Certificate of Occupancy	0	0	0	2	0								2
Re-Occupancy	1	2	0	3	2								8
Plan Review	10	16	22	16	9								73
ZBA	1	0	0	2	1								4
Re-inspection fees	10	7	4	12	5								38
Vacant Land Resigtration	1	0	1	2	1								5
Total Miscellaneous	23	26	27	37	18	0	0	0	0	0	0	0	131
<u>Application Fee's</u>													
Electrical	23	26	25	27	30								131
Mechanical	27	29	57	45	49								207
Plumbing	18	11	24	33	17								103
<u>License & Registration</u>													
Builders	12	3	16	11	14								56
Electrical	9	11	4	10	9								43
Mechanical	4	5	13	11	12								45
Plumbing	4	6	6	4	5								25
Total Misc/License/Application	120	117	172	178	154	0	0	0	0	0	0	0	741
Grand Total	246	236	399	446	371	0	0	0	0	0	0	0	1698
<u>Staffing Levels</u>													
Chief Building Official	1	1	1	1	1	1	1	1	1	1	1	1	1
Part Time Building Inspector	1	1	1	1	1	1	1	1	1	1	1	1	1
Full Time Ordinance Officer	1	1	1	1	1	1	1	1	1	1	1	1	1
Full Time Admin Assistant	1	1	1	1	1	1	1	1	1	1	1	1	1



Revenue Breakdown Report

06/01/2015

Filter: All Records, Transaction.DateToPostOn in <Previous month> [05/01/15 - 05/31/15]

Unit Totals		
Unit Name	Records	Revenue
	221	80,532.00
TOTAL	221	80,532.00

Record Type Totals		
Unit:	Records	Revenue
Bond	1	1,000.00
Enforcement	1	100.00
Name	2	2,000.00
Permit	217	77,432.00
UNIT TOTAL:	221	80,532.00

Record Type Breakdowns		
Unit:	Records	Revenue
Record Type: Bond		
Performance Bond	1	1,000.00
TOTAL:	1	1,000.00

Record Type: Enforcement	Records	Revenue
	1	100.00
TOTAL:	1	100.00

Record Type: Name	Records	Revenue
	2	2,000.00
TOTAL:	2	2,000.00

Record Type: Permit	Records	Revenue
Building	117	62,115.00
Electrical	31	4,595.00
Mechanical	50	7,893.00
Plumbing	19	2,829.00
TOTAL:	217	77,432.00

**Certificates of Occupancy
Issued for the Month of May 2015**

06/02/15

Date Issued	Address	Owner Name	Permit #
May/12/20	15071 41049 ANN ARBOR RD	Michigan Oral Surgeons	PB14-0903
May/15/20	15071 50499 COTTONWOOD	KORCHAK-WOODLAND LLC	PB14-0308
May/15/20	15071 15071 Northville RD	Artistry Dancer	Provincetown Center
May/27/20	15071 9251 Oakview	Miles, Thomas/Lisa	PB14-0313

Occupancies Found: 4

Certificates of Occupancy and Re-Occupancy
Plymouth Township
May 2015*
WTUA

Address	Business Name	Business	Type of work	Business Forms Given Out	
				Yes	No
41049 Ann Arbor RD	Michigan Oral Surgeons	Tenant finish	Dentistry		X
15071 Northville RD	Artistry Dancer	Re-occupancy	Dance Studio	X	

06/01/15

Enforcement List

	Address		Filed	Status	Date Closed
VACANT PROP - RES					
EN09-0444	44424 Greystone Blvd	R-78-064-99-0022-701	07/07/09	1st Reg ltr sent	
EN09-0445	44424 BECK RD	R-78-040-99-0008-000	07/07/09	1st Reg ltr sent	06/14/11
EN13-0989	44424 ANN ARBOR RD	R-78-054-99-0015-000	08/07/13	2nd Notice	03/28/14
EN13-1173	44424 9464 NORTHERN	R-78-059-03-0169-000	10/14/13	Violation Issued	08/15/14
EN15-1313	44424 44424 JOHN ALDEN	R-78-032-01-0001-001	04/01/15	1st Reg ltr sent	

Records: 5

Page: 1

Enforcement List

	Address		Filed	Status	Date Closed
VACANT BLD - RES					
EN09-0375	11346 41681 ANN ARBOR TR	R-78-060-99-0005-000	07/08/09	Insp. Scheduled	
EN09-0436	11346 43916 JOY RD	R-78-059-03-0216-000	07/07/09	Recv'd Registration	
EN09-0626	11346 40925 FIVE MILE	R-78-022-03-0613-000	11/16/09	Complaint Filed	12/11/14
EN10-0186	11346 11677 FRANCIS	R-78-027-01-0129-000	04/09/10	Insp. Completed	09/20/10
EN10-0828	11346 42405 HAMMILL	R-78-017-03-0048-301	08/05/10	Recv'd Registration	03/13/14
EN11-0381	11346 42036 MICOL	R-78-060-01-0029-700	06/09/11	Violation Issued	
EN11-0399	11346 12395 WHITE TAIL CT	R-78-039-03-0060-000	06/10/11	Recv'd Registration	
EN11-0915	11346 9223 BROOKLINE	R-78-059-03-0576-000	10/07/11	Recv'd Registration	12/17/13
EN11-0957	11346 11626 BUTTERNUT	R-78-027-01-0160-002	10/26/11	Recv'd Registration	01/16/14
EN11-1003	11346 46096 FORESTWOOD	R-78-056-01-0169-000	11/01/11	No Violation	11/02/11
EN12-0041	11346 8890 NORTHERN	R-78-059-03-0136-000	01/13/12	Recv'd Registration	
EN12-0245	11346 46021 ANN ARBOR TR	R-78-036-99-0011-000	03/09/12	Recv'd Registration	
EN12-0683	11346 8810 ELMHURST	R-78-059-03-0413-002	05/23/12	Insp. Scheduled	11/08/13
EN12-0893	11346 46821 STRATHMORE	R-78-055-02-0007-000	07/19/12	Recv'd Registration	
EN12-0933	11346 11677 FRANCIS	R-78-027-01-0129-000	08/06/12	Recv'd Registration	
EN13-0329	11346 9440 NORTHERN	R-78-059-03-0167-000	03/21/13	Recv'd Registration	

Enforcement List

	Address		Filed	Status	Date Closed
EN13-0957	11346 11708 PACIOCCO CT	R-78-040-99-0010-702	08/05/13	Recv'd Registration	
EN13-1022	11346 11432 MONA CT	R-78-064-04-0210-000	08/13/13	Recv'd Registration	
EN13-1109	11346 9464 NORTHERN	R-78-059-03-0169-000	09/17/13		05/15/14
EN13-1175	11346 40651 FIVE MILE	R-78-022-99-0002-001	10/15/13	Recv'd Registration	
EN13-1216	11346 51077 PLYMOUTH RIDGE	R-78-047-01-0230-000	10/23/13	Recv'd Registration	
EN13-1246	11346 11864 HAGGERTY	R-78-027-01-0001-002	10/28/13	Insp. Scheduled	
EN13-1260	11346 9229 HILLCREST	R-78-051-02-0002-000	10/28/13	Resolved	10/30/14
EN13-1281	11346 8810 ELMHURST	R-78-059-03-0413-002	11/08/13	1st Reg ltr sent	
EN13-1405	11346 41451 CRABTREE LN	R-78-017-02-0521-000	11/27/13	Recv'd Registration	
EN14-0019	11346 8810 ELMHURST	R-78-059-03-0413-002	01/13/14	Recv'd Registration	
EN14-0192	11346 44424 JOHN ALDEN	R-78-032-01-0001-001	02/12/14	Insp. Completed	02/12/14
EN14-0272	11346 9081 ELMHURST	R-78-059-03-0486-002	03/14/14	Recv'd Registration	03/31/15
EN14-0385	11346 9139 BRIARWOOD DR	R-78-066-02-0042-000	04/16/14	Recv'd Registration	
EN14-0409	11346 44424 JOHN ALDEN	R-78-032-01-0001-001	04/30/14	1st Reg ltr sent	
EN14-0413	11346 13925 RIDGEWOOD	R-78-015-99-0003-000	04/30/14	Recv'd Registration	
EN14-0415	11346 9229 HILLCREST	R-78-051-02-0002-000	04/30/14	Recv'd Registration	03/31/15
EN14-0419	11346 9464 NORTHERN	R-78-059-03-0169-000	04/30/14	Recv'd Registration	

Enforcement List

	Address		Filed	Status	Date Closed
EN14-0475	11346 11864 HAGGERTY	R-78-027-01-0001-002	05/14/14	Recv'd Registration	
EN14-0489	11346 9037 NORTHERN	R-78-059-03-0201-000	05/14/14	1st Reg ltr sent	
EN14-0535	11346 40925 FIVE MILE	R-78-022-03-0613-000	05/19/14	1st Reg ltr sent	01/15/15
EN14-0760	11346 46643 ANN ARBOR TR	R-78-035-99-0006-006	07/11/14	Recv'd Registration	
EN14-0791	11346 11793 LORENZ WAY	R-78-036-09-0013-000	07/22/14	Recv'd Registration	
EN14-0800	11346 42035 CLEMONS	R-78-020-02-0078-000	07/24/14	Recv'd Registration	
EN14-0806	11346 42405 HAMMILL	R-78-017-03-0048-301	07/28/14	No Violation	08/11/14
EN14-0829	11346 49576 DONOVAN BLVD	R-78-041-02-0047-000	08/13/14	Recv'd Registration	
EN14-0861	11346 9223 BROOKLINE	R-78-059-03-0576-000	09/04/14	Recv'd Registration	03/31/15
EN14-0992	11346 9081 ELMHURST	R-78-059-03-0486-002	10/22/14	Resolved	10/30/14
EN14-0993	11346 45952 CONCORD DR	R-78-036-04-0058-000	10/22/14	Recv'd Registration	
EN14-1018	11346 11346 GENERAL DR	R-78-060-01-0023-000	10/30/14	Recv'd Registration	
EN14-1020	11346 9081 ELMHURST	R-78-059-03-0486-002	10/31/14	Recv'd Registration	
EN14-1022	11346 51077 PLYMOUTH RIDGE	R-78-047-01-0230-000	11/03/14	Resolved	11/05/14
EN14-1040	11346 40925 FIVE MILE	R-78-022-03-0613-000	11/14/14	1st Reg ltr sent	01/14/15
EN15-1123	11346 42082 OAK LANE	R-78-017-99-0033-001	01/16/15	Recv'd Registration	
EN15-1300	11346 9037 NORTHERN	R-78-059-03-0201-000	03/25/15	1st Reg ltr sent	

06/01/15

Enforcement List

	Address		Filed	Status	Date Closed
EN15-1304	11346 40416 NEWPORTE DR	R-78-065-02-0066-000	03/31/15	Recv'd Registration	
EN15-1307	11346 42405 HAMMILL	R-78-017-03-0048-301	03/31/15	1st Reg ltr sent	
EN15-1309	11346 9400 S MAIN	R-78-061-01-0003-000	03/31/15	2nd Notice	
EN15-1310	11346 9223 BROOKLINE	R-78-059-03-0576-000	03/31/15	1st Reg ltr sent	
EN15-1311	11346 9229 HILLCREST	R-78-051-02-0002-000	03/31/15	Recv'd Registration	
EN15-1318	11346 46096 FORESTWOOD	R-78-056-01-0169-000	04/02/15	Insp. Scheduled	

Records: 56

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06/01/15

Enforcement List

	Address			Filed	Status	Date Closed
VACANT BLD- COM						
EN09-0416	1303	1303 ANN ARBOR RD	R-78-059-03-0042-000	07/07/09	Recv'd Registration	01/04/12
EN09-0418	1303	40347 ANN ARBOR RD	R-78-066-99-0001-001	07/07/09	Violation Issued	04/11/13
EN09-0434	1303	14556 JIB	R-78-009-03-0096-002	07/07/09	Recv'd Registration	
EN12-0165	1303	41220 JOY RD	R-78-065-99-0011-005	02/10/12	Resolved	02/21/13
EN13-0347	1303	40700 ANN ARBOR RD	R-78-064-03-0154-000	03/25/13	Recv'd Registration	
EN14-0903	1303	1492 SHELDON RD	R-78-057-99-0001-013	09/23/14	Insp. Completed	
EN14-0990	1303	46501 COMMERCE CENT	R-78-011-99-0001-712	10/20/14		
EN15-1308	1303	41220 JOY RD	R-78-065-99-0011-005	03/31/15	Recv'd Registration	

Records: 8

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06/01/15

Enforcement List

	Address		Filed	Status	Date Closed
VACANT PROP - CO					
EN09-0446	0 JOY RD	R-78-061-99-0026-001	07/07/09	Recv'd Registration	05/07/10
EN09-0447	0 JOY RD	R-78-061-99-0027-001	07/07/09	Violation Issued	06/14/11
EN09-0448	0 ANN ARBOR RD	R-78-054-99-0015-000	07/07/09	Recv'd Registration	

Records: 3

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Plymouth Township Fire Department

Monthly Report

May 2015

Response Information:

The Plymouth Township Fire Department responded to 266 emergencies this month.

There was an average of 8.58 runs per day this month.

PCFD's average response time was 4 minutes, 26 seconds to the scene. This includes all responses including non-emergent.

Mutual Aid:

Plymouth Township Fire Department is a member of the Western Wayne County Mutual Aid Association and we provided mutual aid 6 times this month and received mutual aid 4 times.

EMS Information:

HVA transported 119 patients to the hospital.

PCFD transported 16 patients to the hospital.

Fire Loss:

There was \$709,000.00 worth of damage to possessions and property. We prevented the destruction of \$2,100,000.00 in property.

Fire Prevention:

Plymouth Community Fire Department provided 112 comprehensive fire inspections to businesses within Plymouth Township. This month, fire inspections were conducted on businesses.

Fire Safety public education classes are provided to hundreds of children throughout the year. This month, the department conducted 0 fire safety talks.

Reports Included:

CLEMIS Reports

Incidents Section

- Incident Summary by Incident type
 - Incident Type
 - Type count
 - Property Loss
 - Property Value

- Mutual Aid by Department
 - Mutual aid Received
 - Mutual Aid Given

Local Section

- Fire Department Response Times
 - Turnout Time
 - Response Time

Health EMS

Agency Productivity

- Agency Activity Summary
 - Patients Transported by HVA
 - Patients Transported by PCFD

Inspection Report

Total count for Public Education – Review Fire Modules Calendar

2

Incident Type Count Report

Date Range: From 5/1/2015 To 5/31/2015

Selected Station(s): All

Incident

Type	Description	Count	
Station:			
3 - Rescue & Emergency Medical Service Incidents		1	0.38%
Total - Rescue & Emergency Medical Service Incidents		1	100.00%
Total for Station		1	0.38%
Station: ST1			
111 - Building fire		1	0.38%
131 - Passenger vehicle fire		2	0.75%
Total - Fires		3	2.03%
321 - EMS call, excluding vehicle accident with injury		84	31.58%
322 - Vehicle accident with injuries		5	1.88%
323 - Motor vehicle/pedestrian accident (MV Ped)		1	0.38%
324 - Motor vehicle accident with no injuries		3	1.13%
Total - Rescue & Emergency Medical Service Incidents		93	62.84%
440 - Electrical wiring/equipment problem, other		1	0.38%
444 - Power line down		1	0.38%
445 - Arcing, shorted electrical equipment		1	0.38%
Total - Hazardous Conditions (No fire)		3	2.03%
542 - Animal rescue		1	0.38%
551 - Assist police or other governmental agency		2	0.75%
553 - Public service		1	0.38%
554 - Assist invalid		22	8.27%
Total - Service Call		26	17.57%
600 - Good intent call, other		6	2.26%
611 - Dispatched & cancelled en route		10	3.76%
6111 - Hospice Death		1	0.38%
Total - Good Intent Call		17	11.49%
700 - False alarm or false call, other		4	1.50%
721 - Bomb scare - no bomb		1	0.38%
735 - Alarm system sounded due to malfunction		1	0.38%
Total - Fals Alarm & False Call		6	4.05%
Total for Station		148	55.64%
Station: ST3			
131 - Passenger vehicle fire		1	0.38%
Total - Fires		1	0.85%
3 - Rescue & Emergency Medical Service Incidents		1	0.38%
321 - EMS call, excluding vehicle accident with injury		73	27.44%
322 - Vehicle accident with injuries		4	1.50%
324 - Motor vehicle accident with no injuries		4	1.50%
Total - Rescue & Emergency Medical Service Incidents		82	70.09%
411 - Gasoline or other flammable liquid spill		1	0.38%

Incident

Type	Description	Count	
Station; ST3 - (Continued)			
412	Gas leak (natural gas or LPG)	1	0.38%
444	Power line down	1	0.38%
Total - Hazardous Conditions (No fire)		3	2.56%
531	Smoke or odor removal	2	0.75%
554	Assist invalid	6	2.26%
Total - Service Call		8	6.84%
600	Good intent call, other	1	0.38%
611	Dispatched & cancelled en route	8	3.01%
622	No incident found on arrival at dispatch address	1	0.38%
653	Barbecue, tar kettle	1	0.38%
Total - Good Intent Call		11	9.40%
700	False alarm or false call, other	2	0.75%
730	System malfunction, other	1	0.38%
733	Smoke detector activation due to malfunction	1	0.38%
735	Alarm system sounded due to malfunction	1	0.38%
744	Detector activation, no fire - unintentional	1	0.38%
Total - Fals Alarm & False Call		6	5.13%
9001	Dispatch Error	6	2.26%
Total - Special Incident Type		6	5.13%
Total for Station		117	43.98%
		266	100.00%

Fire Department Response Times

Stations selected for analysis: All

Shifts selected for analysis: All

For Dates Beginning 5/1/2015 12:00:00AM Ending 5/31/2015 12:00:00AM

Incident Types selected for analysis: All

Incident Response Types selected for analysis: All Responses

Time in Minutes	Dispatch to Enroute				Enroute to Arrival				Dispatch to Arrival			
	Count	Percent Total	Cumulative Responses	Cumulative Percent	Count	Percent Total	Cumulative Responses	Cumulative Percent	Count	Percent Total	Cumulative Responses	Cumulative Percent
0 - 1	136	61.82	136	61.82	11	5.29	11	5.29	10	4.42	10	4.42
1 - 2	57	25.91	193	87.73	19	9.13	30	14.42	9	3.98	19	8.41
2 - 3	18	8.18	211	95.91	31	14.90	61	29.33	23	10.18	42	18.58
3 - 4	4	1.82	215	97.73	42	20.19	103	49.52	35	15.49	77	34.07
4 - 5	1	0.45	216	98.18	37	17.79	140	67.31	37	16.37	114	50.44
5 - 6	0	0.00	216	98.18	21	10.10	161	77.40	31	13.72	145	64.16
6 - 7	0	0.00	216	98.18	20	9.62	181	87.02	30	13.27	175	77.43
7 - 8	1	0.45	217	98.64	8	3.85	189	90.87	18	7.96	193	85.40
8 - 9	1	0.45	218	99.09	7	3.37	196	94.23	13	5.75	206	91.15
9 - 10	0	0.00	218	99.09	3	1.44	199	95.67	9	3.98	215	95.13
10 +	2	0.91	220	100.00	9	4.33	208	100.00	11	4.87	226	100.00

Incident Total: 220

Average Times per Incident

Average Fire Department Turn Out Time: 0 minute(s) 57 second(s)
(Dispatch to Enroute)

Average Fire Department Travel Time: 4 minute(s) 26 second(s) ✓
(Enroute to Arrive)

Average Fire Department Turn Out and Travel Time: 5 minute(s) 18 second(s)
(Dispatch to Arrive)

4

Listing of Mutual Aid Responses by Mutual Aid Department

Report for: PLYMOUTH TOWNSHIP FIRE DEPARTMENT

Department 08204: Canton Twp FD**Mutual Aid Received**

0001044 May 8, 2015 21:24 1 08204
Subtotal Mutual Aid Type 1

Additional Mutual Aid Departments

08232 HVA 8229 08255 9060 GENERAL Dr

Mutual Aid Given

0000985 May 2, 2015 10:54 3 08204
0000986 May 2, 2015 15:35 3 08204
0001185 May 25, 2015 15:59 3 08204
Subtotal Mutual Aid Type 3
Subtotal Department 4

Additional Mutual Aid Departments

7025 LILLEY
lotz and mich. ave Rd
6064 N SHELDON

Department 08232: City of Northville FD**Mutual Aid Received**

0001018 May 6, 2015 16:32 1 08232
Subtotal Mutual Aid Type 1

Additional Mutual Aid Departments

08204 11100 HAGGERTY Rd

Mutual Aid Given

0001064 May 11, 2015 15:38 3 08232
Subtotal Mutual Aid Type 1
Subtotal Department 2

Additional Mutual Aid Departments

530 JENER

Department 08255: Northville Twp FD**Mutual Aid Received**

0001045 May 8, 2015 23:19 1 08255
Subtotal Mutual Aid Type 1

Additional Mutual Aid Departments

14610 JIB

Mutual Aid Given

0001038 May 8, 2015 12:51 3 08255
0001166 May 23, 2015 15:12 3 08255
Subtotal Mutual Aid Type 2
Subtotal Department 3

Additional Mutual Aid Departments

15800 HAGGERTY
On SHELDON Rd at FIVE MILE R

Department 8229: Livonia Fire Department**Mutual Aid Received**

0000970 May 1, 2015 9:32 1 8229
Subtotal Mutual Aid Type 1
Subtotal Department 1

Additional Mutual Aid Departments

On 275 at FIVE MILE

Total 10

Agency Activity Summary

Plymouth Community Fire Dept

Agency: Plymouth Community Fire Dept | Service Date: From 05/01/2015 Through 05/31/2015

Total Number of ePCRs: 169

Total Number of Incidents: 166

By Branch

01 Station 1 = 86

03 Station 3 = 83

Run Disposition

	#	%		#	%
Transports	16	9.5%	Dead Prior To Arrival	3	1.8%
Treated / Transferred Care	119	70.4%	Dead After Arrival	N/A	N/A
Treated / No Transport	8	4.7%	Treat/Transported by Private Veh.	N/A	N/A
No Treatment	N/A	N/A	No Transport / Refused Care	15	8.9%
Transported / Refused Care	N/A	N/A	Other	8	4.7%
Cancelled	N/A	N/A	No Patient Found	N/A	N/A
Left Blank	N/A	N/A			

Run Type

	#	%		#	%
Emergency Runs	155	91.7%	Non-Emergency Runs	13	7.7%
Stand By	N/A	N/A	Stand By	N/A	N/A
Mutual Aid	N/A	N/A	Mutual Aid	1	0.6%
Interfacility	N/A	N/A	Interfacility	N/A	N/A
Intercept	N/A	N/A	Intercept	N/A	N/A
Emergency Runs (Scheduled)	1	0.6%	Non-Emergency Runs (Scheduled)	N/A	N/A
Stand By	N/A	N/A	Stand By	N/A	N/A
Mutual Aid	N/A	N/A	Mutual Aid	N/A	N/A
Interfacility	N/A	N/A	Interfacility	N/A	N/A
Intercept	N/A	N/A	Intercept	N/A	N/A

Emergency Type Left Blank: 0

Runs by Unit

Unit	Total Runs	Treat/Transf.	Treat/Transf.	Treat/Transf.	No Transp./Ref. Care	Cancelled	Dead Prior To Arr.	Dead After Arr.	Priv. Veh.	No Trans./Ref. Care	Other	No Pat. Four
0401	82	5	65	6	0	0	3	0	0	3	0	0
0403	81	11	53	2	0	0	0	0	0	12	3	0
C3	1	0	1	0	0	0	0	0	0	0	0	0
E1	4	0	0	0	0	0	0	0	0	0	4	0
Left Blank	1	0	0	0	0	0	0	0	0	0	1	0
Total	169	16	119	8	0	0	3	0	0	15	8	0

Runs by Service Level

Dispatched Service Level	#	%	Recommended Service Level	#	%
BLS	9	5.3%	BLS	46	27.2%
ALS	160	94.7%	ALS1	120	71.0%
SCT	N/A	N/A	ALS2	3	1.8%
			SCT	N/A	N/A
			Rotary Wing	N/A	N/A
			Fixed Wing	N/A	N/A

Runs by Insurance Type with Service Level (Multiple insurance types may have

been marked on a run)

Type	BLS	%	ALS1	%	ALS2	%	SCT	%Rotary Wing	%Fixed Wing	%	Total	%
Auto Ins.	7	4.1%	1	0.6%	N/A	N/A	N/A	N/A	N/A	N/A	8	4.7%
None	39	23.1%	119	70.4%	3	1.8%	N/A	N/A	N/A	N/A	161	95.3%

Runs by Primary PI (Note - Primary PI is based on the ICD-9 priority setup in HealthEMS)

Description	#	%
Abdominal Pain	3	1.8%
Alt. Level Conscious	6	3.6%
Anxiety	2	1.2%
Asthma Symptoms	2	1.2%
Behavioral Disorder	2	1.2%
CVA/Stroke	1	0.6%
Cardiac Arrest	4	2.4%
Cardiac Symptoms	5	3.0%
Chest Pain	4	2.4%
Dehydration Symp.	5	3.0%
Diabetic Symptoms	2	1.2%
Dizziness	5	3.0%
Dyspnea-SOB	5	3.0%
GI -Bleed	2	1.2%
GI -Diarrhea	1	0.6%
Headache (no trauma)	1	0.6%
Nausea	1	0.6%
No Medical Problem	6	3.6%
Obvious Death	1	0.6%
Pneumonia Symptoms	1	0.6%
Poisoning	4	2.4%
Psychiatric Emerg.	4	2.4%
Seizure	2	1.2%
Syncope/Fainting	9	5.3%
Trauma Injury	21	12.4%
Unknown Medical	11	6.5%
Urinary Bleeding	1	0.6%
Vomiting	1	0.6%
Weakness	1	0.6%
Left Blank	56	33.1%
Total	169	100.0%

Runs by Dispatch (EMD) Code

<u>Description</u>	<u>#</u>	<u>%</u>
1 Abdominal Pain	4	2.4%
10 Chest Pain [non-traumatic]	14	8.3%
12 Convulsions/Seizures	6	3.6%
13 Diabetic	3	1.8%
17 Falls	17	10.1%
18 Headache	1	0.6%
19 Heart Problems A.I.D.C	1	0.6%
21 Hemorrhage/Lacerations	1	0.6%
23 Overdose/poisoning	5	3.0%
25 Psychiatric/Abnormal behavior/Suicide Attempt	7	4.1%
26 Sick Person	37	21.9%
28 Stroke [CVA]	2	1.2%
29 Traffic/Accidents	21	12.4%
30 Traumatic Injuries	5	3.0%
31 Unconscious/Fainting	18	10.7%
38 Medical Alarm	1	0.6%
6 Breathing Problems	9	5.3%
7 Burns/Explosion	1	0.6%
88 Not applicable	3	1.8%
9 Cardiac or Respiratory Arrest/Death	3	1.8%
99 Unknown	5	3.0%
<i>Left Blank</i>	5	3.0%
<hr/> <i>Total</i>	169	100.0%

Transport From (Category)

	<u>#</u>	<u>%</u>
Residence (Home)	103	60.9%
Scene of Accident or Acute Event	56	33.1%
--Left Blank--	10	5.9%
<i>Total</i>	169	100.0%

Transport From (Facility)

	<u>#</u>	<u>%</u>
--Left Blank--	169	100.0%
<i>Total</i>	169	100.0%

Transport To (Destination Facility)

	<u>#</u>	<u>%</u>
St Mary Livonia ER	89	52.7%
No transport	19	11.2%
--Left Blank--	19	11.2%
Providence Park ER-Novi	11	6.5%
UNIVERSITY OF MICHIGAN ER	11	6.5%
St Joe Ann Arbor ER	10	5.9%
Henry Ford West Bloomfield	3	1.8%
Henry Ford MAIN	2	1.2%
Garden City ER	1	0.6%
Botsford Hospital ER	1	0.6%
Beaumont Hospital Royal Oak	1	0.6%
Oakwood Main	1	0.6%
Oakwood Canton	1	0.6%
<i>Total</i>	169	100.0%

6

Incident Summary by Incident Type

Date Range: From 5/1/2015 To 5/31/2015

Incident Type(s) Selected: All

<u>Incident Type</u>	<u>Incident Count</u>	<u>Used in Ave. Resp.</u>	<u>Average Response Time hh:mm:ss</u>	<u>Total Loss</u>	<u>Total Value</u>
Fire	4	4	00:07:57	\$709,000.00	\$2,100,000.00
EMS/Rescue	176	170	00:06:28	\$0.00	\$0.00
Hazardous Condition	6	6	00:06:20	\$0.00	\$0.00
Service Call	34	26	00:05:33	\$0.00	\$0.00
Good Intent	28	6	00:08:23	\$0.00	\$0.00
False Call	12	10	00:05:47	\$0.00	\$0.00
Other	6	4	00:00:29	\$0.00	\$0.00
Totals	266	226		\$709,000.00	\$2,100,000.00

Note: The incident count used in averages does not include the following:
Not Completed incidents, Mutual Aid Given, Other Aid Given, Cancelled in Route, Not Priority, Fill-In Standby, No Arrival and Invalid Dates/Times.

FOIA Monthly Report

Run Date: 06/09/2015 2:03 PM

Create Date	Company Name	Customer Full Name	Type of Information Requested	Amount of Payment
5/7/2015	SmartProcure, Inc.	Amy Richards	Accounting Records	
5/2/2015		Mr Duane Zantop	Other	
5/22/2015	AEI Consultants	Mr. Mark Kelker	Other	
5/5/2015	PM Environmental	Staff Researcher A.M. Turs	Fire Report	
5/21/2015	August Mack Environmental	Michelle Baker	Other	
5/22/2015	Rehmann Corporate Investigative Services	Danielle Grabow	Fire Report	
5/22/2015	AEI Consultants	Mr. Mark Kelker	Fire Report	
5/2/2015		Mr Duane Zantop	Other	
5/2/2015		Mr Duane Zantop	Other	
5/2/2015		Mr Duane Zantop	Other	
5/22/2015		Mr George Yaklitch	Police Records	

Total Requests: 11

Total Dollars: 0

**CHARTER TOWNSHIP OF PLYMOUTH
STAFF REQUEST FOR BOARD ACTION**

Meeting Date: June 16, 2015

ITEM: Los Tres Amigos Liquor License Application

ACTION: Approve

DEPARTMENT/PRESENTER(S): Nancy Conzelman

BACKGROUND: Los Tres Amigos is opening a new restaurant in a building located at 39500 Ann Arbor Road and has applied for new quota Class C and SDM liquor licenses. The Liquor Control Commission requires the local governmental unit to recommend approval of the new liquor licenses.

BUDGET/TIME LINE: n/a

RECOMMENDATION: Approve

PROPOSED MOTION: I move to approve Resolution 2015-06-16-21 recommending that Los Tres Amigos' application for Class C and SDM Liquor Licenses be approved by the Michigan Liquor Control Commission.

RECOMMENDATION Moved by: _____ Seconded by: _____

VOTE: SP _____ NC _____ RE _____ KA _____ MK _____ CC _____ RD _____



RESOLUTION 2015-06-16-21

Michigan Department of Licensing and Regulatory Affairs
Liquor Control Commission (MLCC)
Constitution Hall - 525 W. Allegan, Lansing, MI 48933
Mailing Address: PO Box 30005, Lansing, MI 48909
Toll Free (866) 813-0011 • www.michigan.gov/lcc

Business ID: _____
Request ID: _____
(For MLCC use only)

Local Government Approval
(Authorized by MCL 436.1501)

Instructions for Applicants:

- You must obtain a recommendation from the local legislative body for a new license application and/or a new banquet facility permit.

Instructions for Local Legislative Body:

- Complete this resolution, or provide a resolution, along with certification from the clerk, or adopted minutes from the meeting at which this request was considered.

At a regular meeting of the Plymouth Township council/board
called to order by _____ on June 16, 2015 at 7:00 pm
the following resolution was offered:

Moved by _____ and supported by _____
that the application from Los Tres Amigos Plymouth, LLC
for the following license(s): quota Class C and SDM liquor licenses

to be located at 39500 Ann Arbor Road
and the following permit, if applied for:
Banquet Facility Permit Address of Banquet Facility: _____

It is the consensus of this body that it recommends this application be considered for
approval by the Michigan Liquor Control Commission.

If disapproved, the reasons for disapproval are _____

Vote

Yeas: _____
Nays: _____
Absent: _____

I hereby certify that the foregoing is true and is a complete copy of the resolution offered and adopted by the Plymouth Twp
council/board at a regular meeting held on June 16, 2015

Name and title of authorized clerk (please print): Nancy C. Conzelman
Signature of authorized clerk and date: _____
Phone number and e-mail of authorized officer: 734-354-3224 nconzelman@plymouthtwp.org

Under Article IV, Section 40, of the Constitution of Michigan (1963), the Commission shall exercise complete control of the alcoholic beverage traffic within this state, including the retail sales thereof, subject to statutory limitations. Further, the Commission shall have the sole right, power, and duty to control the alcoholic beverage traffic and traffic in other alcoholic liquor within this state, including the licensure of businesses and individuals.

**CHARTER TOWNSHIP OF PLYMOUTH
APPLICATION FOR NEW LIQUOR LICENSE
ORDINANCE 54**

Applicant Information:

If Individual:

Name: Los Tres Amigos Plymouth, LLC Age _____

Address, City, State, Zip Code: 1322 Rensen Street, Suite B, Lansing, MI 48910

If Co-Partnership, List the information below for all persons entitled to share in the profits:

Name: N/A Age _____

Address, City, State, Zip Code: _____

Name: _____ Age _____

Address, City, State, Zip Code: _____

If a **Corporation**, List the objects for which the Corporation is organized: for profit

If a **Corporation**, list the date when its Charter was issued: February 5, 2015

List the names and addresses for all of the **Corporation Officers** and **Directors**:

Name: Arnulfo Ramirez Villanueva - sole officer/director

Address: 1322 Rensen St., Suite B, Lansing, MI 48910

Name: _____

Address: _____

If a Majority Interest in the stock of such Corporation is owned by one person or his nominee, list the name and address of such person:

Name: Arnulfo Ramirez Villanueva - 100% member/owner

Address: 1322 Rensen St., Suite B, Lansing, MI 48910

List the citizenship of the applicant(s) and place of birth:

Citizenship: Mexican Place of Birth: Mexico

Permanent Resident A#075-104-172 (since 5-19-97)

Citizenship: _____ Place of Birth: _____

If the applicant(s) is a naturalized citizen, list the date and place of naturalization:

Date of Naturalization: _____ Place of Naturalization: _____

Date of Naturalization: _____ Place of Naturalization: _____

**CHARTER TOWNSHIP OF PLYMOUTH
APPLICATION FOR NEW LIQUOR LICENSE
ORDINANCE 54**

Please specify the character of Business of the applicant(s) and specify how long the applicant(s) has been in this type of Business:

Character: Mexican-themed restaurant

How long has the applicant been in this type of business? See attached list of restaurants/
licenses

Specify the location and description of the premises or place of business to be operated under such license:

Location: 39500 Ann Arbor Rd., Plymouth, MI 48170

Describe the premises: restaurant building

Specify if the applicant(s) has made application for a similar or other license on premises other than described in this application and the disposition of such application:

Have you made application for a similar or other license? Not in Plymouth Township

Disposition of that Application: N/A

Have you ever been convicted of a felony? no

Is there anything contained in this Ordinance or the laws of the State of Michigan that would disqualify you from receiving this license:

 Yes XX No

I hereby certify that I will not violate any of the laws of the State of Michigan or of the United States or any code or ordinance of the Charter Township of Plymouth in the conduct of my business:

Signature:  Date: June 5, 2015

Printed Name: Michael J. Brown, Attorney for Los Tres Amigos Plymouth, LLC

Chapter 54, Liquor Regulations, 54.020., Application for New License:

Applications for a license to sell beer and wine or spirits shall be made to the Township Board, in writing, signed by the applicant, if an individual, or by a duly authorized agent thereof, if a partnership or corporation, verified by oath or affidavit and shall contain all of the above statements and information.

All applications shall be accompanied by building and plat plans showing the entire structure and premises and in particular the specific areas where the license is to be utilized. The plans shall demonstrate adequate off street parking, lighting, refuse disposal facilities and, where appropriate, adequate plans for screening and noise control.

Mr. Ramirez Villanueva has owned a number of Michigan restaurants for the past several years and has an interest in the following liquor licenses:

Tres Amigos, Inc. 1111 N. West Avenue, Jackson, MI 49202	Class C and SDM (City of Jackson/Jackson Co)
Hacienda Los Amigos, Inc. 5010 W. Saginaw Highway, Lansing, MI 48917	Class C (Delta Township/Eaton Co)
Los Tres Amigos South Side, Inc. 6405 S. Cedar Street, Lansing, MI 48911	Class C Resort and SDM (2007) (City of Lansing/Ingham Co)
Los Tres Amigos-Howell, Inc. 4184 E. Grand River Avenue, Howell, MI 48843	Class C Resort and SDM (2007) (Genoa Township/Livingston Co)
Los Tres Amigos-West Jackson, Inc. 1923 W. Michigan Avenue, Jackson, MI 49202	Class C and SDM (2008) (Summit Township/Jackson Co)
NRPP, LLC dba Los Tres Amigos (50% membership interest/2009) 1227 E. Grand River Avenue, East Lansing, MI 48823	Class C and SDM (City of East Lansing/Ingham Co)
Authentic Properties, LLC aka Dublin Square (66.67% membership interest/2009) 327 Abbot Road, East Lansing, MI 48823	Class C/SDM (City of East Lansing/Ingham Co)
Los Tres Amigos-Mason Restaurant, Inc. 447 S. Jefferson, Mason, MI 48854	Class C and SDM (2009) (City of Mason/Ingham Co)
Los Tres Amigos-Michigan Center, Inc. 328 Fifth, Michigan Center, MI 49254	Class C and SDM (2010) (Leoni Township/Jackson Co)
Los Tres Amigos-Canton, Inc. 6600 N. Canton Center, Canton, MI 48187	Class C and SDM (2011) (Canton Township/Wayne Co)
Los Tres Amigos Downtown Lansing LLC 107 E. Allegan, Lansing, MI 48933	Class C and SDM (2012) (City of Lansing/Ingham Co)
Cuatro Amigos LLC dba Cuatro Amigos 4750 Bay, Saginaw, MI 48603	Class C and SDM (2013) (Saginaw Township/Saginaw Co)
Los Tres Amigos Farmington Downtown LLC 33200 Grand River Avenue, Farmington, MI 48336	Class C and SDM (2013) (City of Farmington/Oakland Co)
E&G Connection LLC dba The Black Cat Bistro 115 Albert Avenue, East Lansing, MI 48823	Resort Class C and SDM (2014) (City of East Lansing/Ingham Co)
Los Tres Amigos-Owosso LLC 1631 East M-21 (aka Main Street), Owosso, MI 48867	Class C and SDM (2014) (Caledonia Twp/Shiawassee Co)

**CHARTER TOWNSHIP OF PLYMOUTH
STAFF REQUEST FOR BOARD ACTION**

Meeting date: June 16 2015

ITEM: FireFighter SCBA

BRIEF:

ACTION: Replace Firefighter SCBA Cylinders

DEPARTMENT/PRESENTER(S): Chief Daniel Phillips

BACKGROUND: Fire fighter Self Contained Breathing Apparatus(SCBA) life expectancy ends after September of this year. We need to replace those bottles that are 15 years old and no longer testable.

BUDGET/TIME LINE: \$24,278.94

RECOMMENDATION: Approval

PROPOSED MOTION:

I move to approve the purchase of replacement SCBA bottles from Southeast Equipment Inc not to exceed \$24,278.94

RECOMMENDATION: Moved by: _____ Seconded by: _____

VOTE: ___ KA ___ RE ___ MK ___ NC ___ BD ___ MK ___ SP

MOTION CARRIED _____ MOTION DEFEATED _____

SOUTHEAST EQUIPMENT INC.

6408 Montclair
 Troy, MI 48085
 248-895-7531
 Fax 248-835-1192

Proposal

Date	Estimate #
6/4/2015	246

Name / Address
Plymouth Township Fire Department 9955 N. Haggerty Rd. Plymouth, MI 48170 Attn. Chief Phillips

Project

Qty	Part #	Description	Each	Total
30	917425	30 min 4500 psi carbon fiber cylinder	648.91	19,467.30
4	917429	60 min 4500 psi carbon fiber cylinder	1,202.91	4,811.64
Thank you for allowing us to quote.			Total	\$24,278.94

Honeywell Safety Products

www.hspricing.com

30min 4500psi SCBA Carbon Fiber	\$1428.18	X 30	42,845.40
60min 4500psi SCBA Carbon Fiber	\$1560.33	x 4	6,241.32
			<hr/>
			TOTAL \$49,086.72

Phillips, Dan

From: Denalli, Haydn <Haydn.Denalli@Honeywell.com>
Sent: Wednesday, June 03, 2015 1:28 PM
To: Phillips, Dan
Subject: quote

Afternoon Daniel,

Per our conversation today in regard to the spare cylinder, part#:917427 the 45 min and part#:917429 for the 60 min. the cost on part#:917427 is \$1,428.18 and part#:917429 is \$1,560.33.

Haydn Denalli

Customer Care Representative

For Order Status, updated ship dates & tracking information please visit: www.hsppartner.com

For pricing 24/7 please visit: www.hsppricing.com

Honeywell Safety Products

900 Douglas Pike
Smithfield RI 02917
T: 800 430 4110
F: 800 572 6346
E: Haydn.Denalli@honeywell.com

GRAINGER

Customer Quotation

Ship To:
 CHARTER TOWNSHIP OF PLYMOUTH
 9955 NORTH HAGGERTY RD
 PLYMOUTH MI 48170-4673
 US
 Shipper Account

Information
 Grainger Quote Number 2023685367
 Print Date 06/08/2015
 Customer Account 059559677
 Department Number
 Contact Name DAN, PHILLIPS
 Contact Phone 7344533040
 Contact Fax
 Contact Email dphillips@plymouthtop.org
 Requested by Rochele Lewis
 Requestor Phone No 6387542345
 Requestor Fax 1902454
 Requestor Email Rochele.Lewis@grainger.com

eQuote Information:
 Quote 2023685367 has been delivered to Grainger websites and Dan Phillips has been notified via email that the quote is available for on-line purchasing

Comments:

Line	Description	MFG Part No	Lead Time Bus.days	Qty.	Unit	Quote Price	Ext. Price
10	SCBA CYLINDER 4500 PSI 30 MIN. Mfr Brand Name SPERIAN Customer Part No Carrier 33065 - UNITED PARCEL SERV. FRT Cost expiration date 07/03/2015 Taxable IIC	917425	5	30	EA	1168.44	35 653.20
20	SCBA CYLINDER 4500 PSI 60 MIN. Mfr Brand Name SPERIAN Customer Part No Carrier 33065 - UNITED PARCEL SERV FRT Cost expiration date 07/03/2015 Taxable IIC	917429	5	4	EA	1609.13	6 756.52

Thank You!
 Call or visit us at
 Grainger, Inc.
 401 S Wright Rd.
 Janesville, WI 53546



Customer Quotation

Information

Grainger Quote Number 2023905367
Print Date 06/03/2015
Customer Account 859056977
Page 2 / 2

Line	Description	MFG Part No	Lead Time Bus.days	Qty.	Unit	Quote Price	Ext. Price
Total Sell Price							42 409.72
<p>This quotation includes changes to product quantities may result in the ordering. Availability and lead times are subject to change and can be confirmed at order placement. Additional lead time may apply for A/E and M unless otherwise stated. These items are sold for domestic consumption in the United States. Receipt of customer assumes full responsibility for some and all U.S. export controls. Contact Sales Rep or Grainger branch nearest you for questions. Order placement is subject to a tax request. Return Policy: Please contact Grainger before returning any product. All returns are subject to the manufacturer's return policy. Special Order items may not be returnable. Restocking fees may apply.</p>							

Thank You!
Call or visit us at
Grainger, Inc.
401 S Wright Rd.
Janesville, WI 53546

Quote Request #eDarley Quote - 235

Quote Request Date: March 17, 2015

Shipping Address

Darley Photos Plymouth Township Fire Department
 6955 Haggerty
 Plymouth 48170
 Michigan United States
 T: 734-834-1791

Shipping Method

Filed Shipping & Handling Charge \$175.00

Remark with Proposal

Thank you for your inquiry. This quote can be submitted as an order online.

Orders can be entered on this site using a purchase order number instead of a credit card.

If you need additional assistance please contact: info@darley.com

Items Requested

	PRODUCT NAME	COMMENT WITH PRODUCT	ORIGINAL PRICE	QTY	PRICE PROPOSAL
17	50 min. LP SCBA Replacement Cylinders All Brands of Packs (Except MSA)		\$404.25	38	● \$451.25
18	60 min. HP SCBA Replacement Cylinders For 150 & Survival Air Packs		\$346.25	4	● \$134.25

Quote status: Proposed price

Adjustment Quote	-\$16,033.00
Subtotal	\$18,346.00
Shipping & Handling - Etc. Tax	\$175.00
Tax	\$0.00
Grand Total	\$19,021.00

**CHARTER TOWNSHIP OF PLYMOUTH
STAFF REQUEST FOR BOARD ACTION**

ITEM: Special Assessment District for Deer Creek Subdivision

BRIEF:

Township Clerk has validated the signatures on petitions received for a proposed Special Assessment District (S.A.D.) for road rehabilitation in the Deer Creek Subdivision. The petitions demonstrate adequate support for the project to allow the Board to authorize the preliminary engineering phase of the project.

ACTION:

Consistent with Board Policy, the Board is being asked to authorize OHM Advisors, consulting engineers for road paving projects, to provide preliminary engineering to establish the preliminary scope of work of the improvement, location, and estimated cost for S.A.D. road rehabilitation of the Deer Creek Subdivision.

DEPARTMENT / PRESENTER(S):

Patrick J. Fellrath, PE, Director of Public Services
Rhett Gronevelt, PE, OHM Advisors or George Tsakoff, PE, OHM Advisors

BACKGROUND:

Steps A-G of the existing Summary of Events for Special Assessment has been completed. Based on Frontage (the legal requirement) 58.6% have petitioned, beyond the 51% required. Based on the number of units, 59.4% have petitioned, which is greater than the 51% requirement established by the Board. The residents have requested that the Township proceed with the preliminary engineering based on the current support.

BUDGET / TIME LINE:

Approval at this time will include engineering cost of \$7,000.00 only. We estimate the work will be completed within the next 2 – 3 months.

RECOMMENDATION:

Based on the percentage of properties involved, we recommend proceeding to the next phase.

I move to authorize the engineering firm of OHM Advisors to provide preliminary engineering required to establish the level of improvements, location, and estimate of cost for the road rehabilitation of Deer Creek Subdivision as submitted and described on the received petitions for a cost not to exceed Seven Thousand Dollars (\$7,000.00). The scope of work for the above shall include:

1. Procure a qualified agent to conduct the necessary geotechnical engineering study for the project. Costs for this portion of the study are to be paid for separately.
2. Take preliminary grade shots and/or prepare preliminary cross section of rehabilitation method showing improvement location and proposed SAD.
3. Meetings with Wayne County to review preliminary plan, cross sections and other information.
4. Prepare preliminary cost estimate for project.
5. Any and all activities needed to proceed with the Public Hearing of Necessity.

Moved by: _____ Seconded by: _____
 VOTE: _____ KA _____ NC _____ CC _____ BD _____ RE _____ MK _____ SP
 MOTION CARRIED _____ MOTION DEFEATED _____

PROJECT DESCRIPTION
FOR
DEER CREEK SUBDIVISION
SPECIAL ASSESSMENT DISTRICT (SAD) ROAD PROGRAM

The proposed improvements to the existing two-lane concrete roadway with integral curb and gutter shall consist of complete and/or partial pavement and curb replacement, sub-base and subgrade preparation, and miscellaneous driveway work, sidewalk ramp, drainage structure modification or subgrade underdrain installation, which may be needed to facilitate the replacement of concrete road pavement only, or as required by County of Wayne.

The project commences at the north right-of-way line of Powell Road, and proceeds northerly along Deer Creek Circle (entrance boulevard portion) approximately 220 feet to the intersection of Deer Creek Circle/ Deer Creek Run, then continues to proceed along Deer Creek Circle northeasterly, northerly, northwesterly, and southwesterly around the circle road approximately 2,320 feet to the intersection of Buck Run Drive, then proceeds southerly and easterly along Deer Creek Run approximately 1,850 feet to the intersection of Deer Creek Circle (entrance boulevard). The project also includes Buck Run Drive commencing at the intersection of Deer Creek Run/Deer Creek Circle and proceeding westerly approximately 210 feet to the west limit of SAD boundary, and Fox Ridge Drive commencing at the intersection of Deer Creek Run and proceeding southeasterly approximately 1,510 feet to the intersection of Deer Creek Circle, and Hunters Creek Drive commencing at the intersection of Deer Creek Circle and proceeding easterly approximately 180 feet to the east limit of SAD boundary, and Deer Creek Court commencing at the intersection of Deer Creek Circle and proceeding westerly approximately 190 feet to its point of termination, and White Tail Court commencing at the intersection of Deer Creek Circle and proceeding northerly approximately 620 feet to its point of termination.

The district limit for frontage along Deer Creek Circle, Deer Creek Run, Buck Run Drive, Fox Ridge Drive, Hunters Creek Drive, Deer Creek Court, and White Tail Court consists of Lots 1 through 102 of Deer Creek Subdivision Nos. 1 & 2, and Units 1 through 20 of Woodlands of Deer Creek Condominium Sub Plan, all located in the Southwest ¼ of Section 29, T.1S, R.8E, of Plymouth Township, Wayne County, Michigan.

**SPECIAL ASSESSMENT DISTRICT TENTATIVE ASSESSMENT ROLL
DEER CREEK SUBDIVISION**

Notes:

1) Frontage is defined by properties abutting Deer Creek Circle, Deer Creek Run, Buck Run Drive, Fox Ridge Drive, Hunters Creek Drive, Deer Creek Court, and White Tail Court.

Tax ID Number	LOT #	FRONTAGE		SIGNED		UNITS	SIGNED	ADDRESS
R-78-039-01-0001	1	320.00	FL	320.00	Ft.	1	1	11711 DEER CREEK RUN
R-78-039-01-0002	2	120.00	FL	120.00	Ft.	1	1	11733 DEER CREEK RUN
R-78-039-01-0003	3	101.29	FL	-	FL	1		11755 DEER CREEK RUN
R-78-039-01-0004	4	254.75	FL	-	FL	1		11775 DEER CREEK RUN
R-78-039-01-0005	5	175.98	FL	175.98	Ft.	1	1	11799 DEER CREEK RUN
R-78-039-01-0006	6	110.00	FL	-	FL	1		11843 DEER CREEK RUN
R-78-039-01-0007	7	110.00	FL	110.00	Ft.	1	1	11887 DEER CREEK RUN
R-78-039-01-0008	8	100.00	FL	-	FL	1		11931 DEER CREEK RUN
R-78-039-01-0009	9	100.00	FL	100.00	Ft.	1	1	11975 DEER CREEK RUN
R-78-039-01-0010	10	100.00	FL	100.00	Ft.	1	1	11974 DEER CREEK RUN
R-78-039-01-0011	11	100.00	FL	100.00	FL	1	1	11930 DEER CREEK RUN
R-78-039-01-0012	12	100.00	Ft.	100.00	FL	1	1	11886 DEER CREEK RUN
R-78-039-01-0013	13	157.60	FL	157.60	FL	1	1	11842 DEER CREEK RUN
R-78-039-01-0014	14	106.22	FL	106.22	Ft.	1	1	11798 DEER CREEK RUN
R-78-039-01-0015	15	116.03	FL	116.03	Ft.	1	1	11776 DEER CREEK RUN
R-78-039-01-0016	16	148.87	FL	-	Ft.	1		11754 DEER CREEK RUN
R-78-039-01-0017	17	100.00	Ft.	-	FL	1		11732 DEER CREEK RUN
R-78-039-01-0018	18	100.00	Ft.	100.00	FL	1	1	11720 DEER CREEK RUN
R-78-039-01-0019	19	106.49	FL	106.49	FL	1	1	11710 DEER CREEK RUN
R-78-039-01-0020	20	152.56	FL	-	Ft.	1		11645 DEER CREEK CIRCLE
R-78-039-01-0021	21	152.56	FL	152.56	Ft.	1	1	11689 DEER CREEK CIRCLE
R-78-039-01-0022	22	275.22	FL	275.22	Ft.	1	1	11821 DEER CREEK CIRCLE
R-78-039-01-0023	23	114.53	FL	114.53	FL	1	1	11845 FOX RIDGE DRIVE
R-78-039-01-0024	24	100.67	FL	-	FL	1		11867 FOX RIDGE DRIVE
R-78-039-01-0025	25	117.89	FL	-	FL	1		11889 FOX RIDGE DRIVE
R-78-039-01-0026	26	66.09	FL	-	Ft.	1		11891 FOX RIDGE DRIVE
R-78-039-01-0027	27	71.44	FL	71.44	Ft.	1	1	11895 FOX RIDGE DRIVE
R-78-039-01-0028	28	122.00	FL	122.00	Ft.	1	1	11899 FOX RIDGE DRIVE
R-78-039-01-0029	29	181.13	FL	181.13	FL	1	1	11888 FOX RIDGE DRIVE
R-78-039-01-0030	30	127.01	FL	-	Ft.	1		11866 FOX RIDGE DRIVE
R-78-039-01-0031	31	105.00	FL	105.00	Ft.	1	1	11844 FOX RIDGE DRIVE
R-78-039-01-0032	32	115.00	Ft.	115.00	FL	1	1	11822 FOX RIDGE DRIVE
R-78-039-01-0033	33	292.05	FL	292.05	FL	1	1	11997 DEER CREEK CT
R-78-039-01-0034	34	76.76	FL	76.76	Ft.	1	1	11879 DEER CREEK CT
R-78-039-01-0035	35	66.51	FL	66.51	FL	1	1	12005 DEER CREEK CT
R-78-039-01-0036	36	66.51	FL	-	Ft.	1		12031 DEER CREEK CT
R-78-039-01-0037	37	290.00	Ft.	290.00	Ft.	1	1	12085 DEER CREEK CT
R-78-039-01-0038	38	172.00	FL	-	Ft.	1		12180 HUNTERS CREEK DRIVE
R-78-039-01-0039	39	273.67	FL	-	FL	1		12084 DEER CREEK CIRCLE
R-78-039-01-0040	40	100.00	FL	-	FL	1		12040 DEER CREEK CIRCLE
R-78-039-01-0041	41	100.00	Ft.	100.00	FL	1	1	11996 DEER CREEK CIRCLE
R-78-039-01-0042	42	105.00	FL	105.00	Ft.	1	1	11952 DEER CREEK CIRCLE
R-78-039-01-0043	43	105.00	FL	105.00	Ft.	1	1	11908 DEER CREEK CIRCLE
R-78-039-01-0044	44	105.00	FL	105.00	FL	1	1	11864 DEER CREEK CIRCLE
R-78-039-01-0045	45	95.61	Ft.	95.61	FL	1	1	11820 DEER CREEK CIRCLE
R-78-039-01-0046	46	89.89	Ft.	89.89	FL	1	1	11688 DEER CREEK CIRCLE
R-78-039-01-0047	47	98.96	FL	98.96	FL	1	1	11654 DEER CREEK CIRCLE
R-78-039-01-0048	48	171.47	FL	171.47	Ft.	1	1	11644 DEER CREEK CIRCLE
R-78-039-01-0049	49	150.00	FL	150.00	Ft.	1	1	11622 DEER CREEK CIRCLE
R-78-039-03-0050	50	100.00	FL	100.00	Ft.	1	1	12019 DEER CREEK RUN
R-78-039-03-0051	51	100.00	Ft.	-	FL	1		12063 DEER CREEK RUN
R-78-039-03-0052	52	100.00	Ft.	100.00	FL	1	1	12107 DEER CREEK RUN
R-78-039-03-0053	53	100.00	FL	-	FL	1		12151 DEER CREEK RUN
R-78-039-03-0054	54	100.00	FL	-	Ft.	1		12213 DEER CREEK RUN
R-78-039-03-0055	55	287.53	FL	287.53	Ft.	1	1	12217 DEER CREEK RUN
R-78-039-03-0056	56	120.09	Ft.	-	FL	1		48860 BUCK RUN DRIVE
R-78-039-03-0057	57	337.30	FL	-	FL	1		12239 DEER CREEK RUN
R-78-039-03-0058	58	93.42	FL	93.42	Ft.	1	1	12371 WHITE TAIL CT
R-78-039-03-0059	59	94.03	Ft.	94.03	Ft.	1	1	12391 WHITE TAIL CT
R-78-039-03-0060	60	100.00	FL	-	FL	1		12395 WHITE TAIL CT
R-78-039-03-0061	61	101.06	FL	101.06	FL	1	1	12415 WHITE TAIL CT
R-78-039-03-0062	62	76.54	FL	-	FL	1		12437 WHITE TAIL CT
R-78-039-03-0063	63	64.58	FL	-	FL	1		12459 WHITE TAIL CT
R-78-039-03-0064	64	61.55	Ft.	-	FL	1		12458 WHITE TAIL CT
R-78-039-03-0065	65	109.08	Ft.	-	FL	1		12436 WHITE TAIL CT

**SPECIAL ASSESSMENT DISTRICT TENTATIVE ASSESSMENT ROLL
DEER CREEK SUBDIVISION**

Notes:

1) Frontage is defined by properties abutting Deer Creek Circle, Deer Creek Run, Buck Run Drive, Fox Ridge Drive, Hunters Creek Drive, Deer Creek Court, and White Tail Court.

Tax ID Number	LOT #	FRONTAGE		SIGNED		UNITS	SIGNED	ADDRESS
R-78-039-03-0066	66	101.09	FL	-	FL	1		12414 WHITE TAIL CT
R-78-039-03-0067	67	100.00	FL	-	FL	1		12392 WHITE TAIL CT
R-78-039-03-0068	68	134.22	FL	134.22	FL	1	1	12370 WHITE TAIL CT
R-78-039-03-0069	69	262.08	FL	-	FL	1		12348 WHITE TAIL CT
R-78-039-03-0070	70	86.64	FL	-	FL	1		12326 DEER CREEK CIRCLE
R-78-039-03-0071	71	92.83	FL	92.83	FL	1	1	12304 DEER CREEK CIRCLE
R-78-039-03-0072	72	91.38	FL	91.38	FL	1	1	12282 DEER CREEK CIRCLE
R-78-039-03-0073	73	91.38	FL	-	FL	1		12260 DEER CREEK CIRCLE
R-78-039-03-0075	75	100.00	FL	-	FL	1		12194 DEER CREEK CIRCLE
R-78-039-03-0076	76	140.43	FL	140.43	FL	1	1	12172 DEER CREEK CIRCLE
R-78-039-03-0077	77	139.20	FL	139.20	FL	1	1	12173 DEER CREEK CIRCLE
R-78-039-03-0078	78	100.00	FL	100.00	FL	1	1	12195 DEER CREEK CIRCLE
R-78-039-03-0079	79	105.00	FL	-	FL	1		12215 DEER CREEK CIRCLE
R-78-039-03-0080	80	113.14	FL	113.14	FL	1	1	12237 DEER CREEK CIRCLE
R-78-039-03-0081	81	144.57	FL	144.57	FL	1	1	12261 DEER CREEK CIRCLE
R-78-039-03-0082	82	132.74	FL	132.74	FL	1	1	12305 DEER CREEK CIRCLE
R-78-039-03-0083	83	144.57	FL	144.57	FL	1	1	12327 DEER CREEK CIRCLE
R-78-039-03-0084	84	144.58	FL	144.58	FL	1	1	12238 DEER CREEK RUN
R-78-039-03-0085	85	319.49	FL	-	FL	1		12216 DEER CREEK RUN
R-78-039-03-0086	86	114.10	FL	114.10	FL	1	1	12064 FOX RIDGE DRIVE
R-78-039-03-0087	87	95.58	FL	-	FL	1		12042 FOX RIDGE DRIVE
R-78-039-03-0088	88	78.12	FL	78.12	FL	1	1	12020 FOX RIDGE DRIVE
R-78-039-03-0089	89	117.30	FL	117.30	FL	1	1	11998 FOX RIDGE DRIVE
R-78-039-03-0090	90	105.00	FL	-	FL	1		11954 FOX RIDGE DRIVE
R-78-039-03-0091	91	105.00	FL	-	FL	1		11932 FOX RIDGE DRIVE
R-78-039-03-0092	92	137.86	FL	137.86	FL	1	1	11910 FOX RIDGE DRIVE
R-78-039-03-0093	93	102.44	FL	102.44	FL	1	1	11909 FOX RIDGE DRIVE
R-78-039-03-0094	94	100.00	FL	100.00	FL	1	1	11931 FOX RIDGE DRIVE
R-78-039-03-0095	95	100.00	FL	100.00	FL	1	1	11955 FOX RIDGE DRIVE
R-78-039-03-0096	96	100.00	FL	100.00	FL	1	1	11975 FOX RIDGE DRIVE
R-78-039-03-0097	97	161.07	FL	-	FL	1		11999 FOX RIDGE DRIVE
R-78-039-03-0098	98	168.50	FL	-	FL	1		12065 FOX RIDGE DRIVE
R-78-039-03-0099	99	265.00	FL	-	FL	1		12081 FOX RIDGE DRIVE
R-78-039-03-0100	100	108.88	FL	-	FL	1		12106 DEER CREEK RUN
R-78-039-03-0101	101	100.00	FL	100.00	FL	1	1	12062 DEER CREEK RUN
R-78-039-03-0102	102	100.00	FL	-	FL	1		12018 DEER CREEK RUN
	TOTAL	13,134.13	FL	7,698.97	FL	101.00	60	

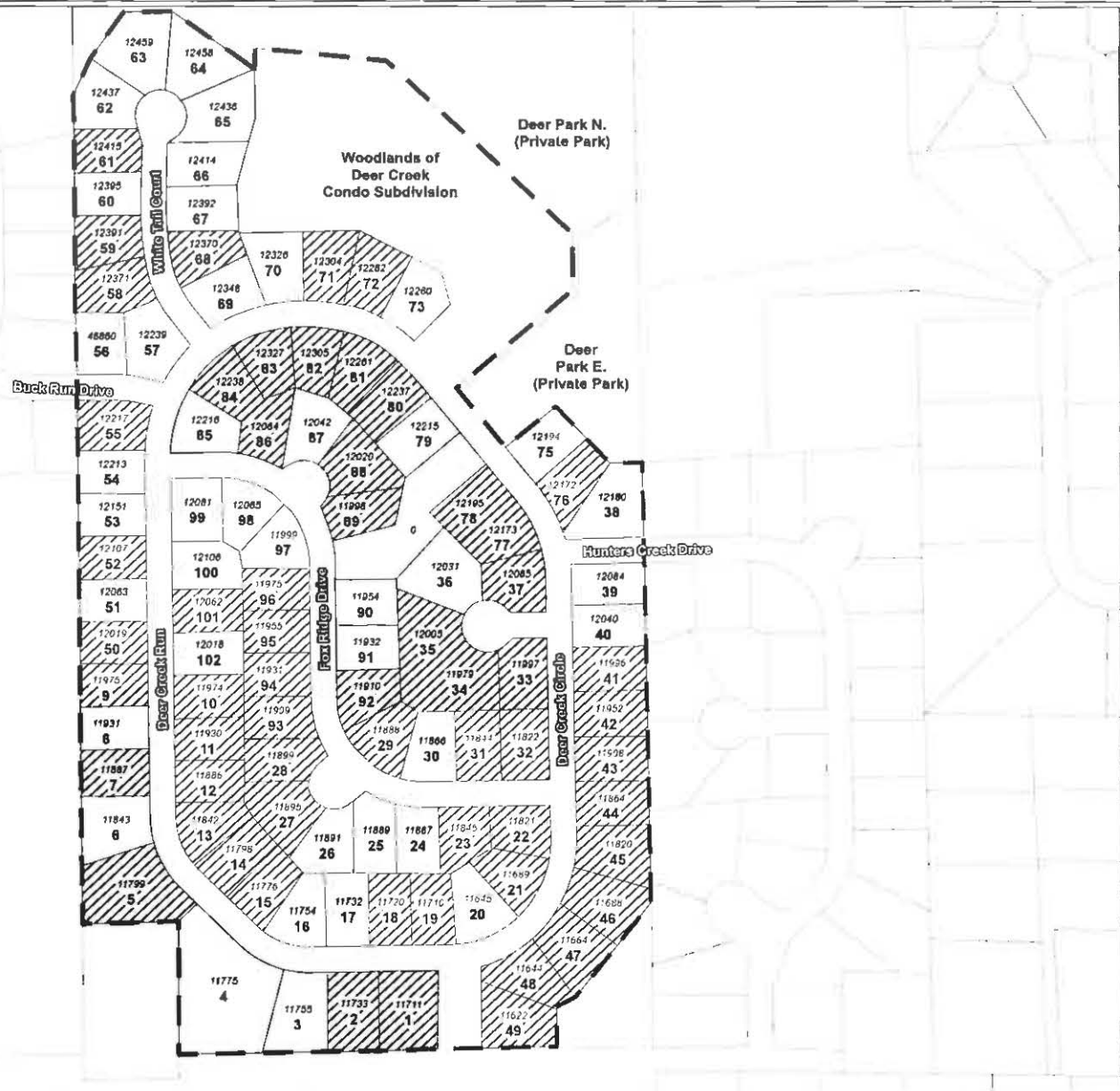
I. PERCENTAGE BASED ON FRONTAGE (50% = 6568 Ft.)
 SIGNED PETITION 7,698.97 = 58.6%
 TOTAL FRONTAGE 13,134.13

II. PERCENTAGE BASED ON UNITS (50% = 51 UNITS)
 SIGNED PETITION 60.00 = 59.4%
 TOTAL UNITS 101.00

Updated June 04, 2015



Potential Deer Creek
S.A.D Limits
Plymouth Township



- Deer Creek SAD
(Potential Limits)
- Petition Status
- Support
 - No Support

Key
Street Number 11711
Lot Number 1

Total Number of Subdivision Lots 101
Subdivision Lots 1 - 102
(Excluding lot 74)

Total Number of Condo Units 20
Condo Units 1-20

Note A: Method of assessment of Woodlands of Deer Creek Condo not finalized.

Note B: No improvements to Woodlands Cl. Private Drive included in SAD Cost.



Source: Data provided by Wayne County and Plymouth Township. OHM Advisors does not warrant the accuracy of the data and/or the map. This document is intended to depict the approximate spatial location of the mapped features within the Community and all use is strictly at the user's own risk.

Coordinate System: NAD 1983 State Plane Manager South FIPS 2113
Unit: Feet

Map Published: June 5 2015



**CHARTER TOWNSHIP OF PLYMOUTH
STAFF REQUEST FOR BOARD ACTION**

ITEM: Special Assessment District for Hunters Creek Subdivision

BRIEF:

Township Clerk has validated the signatures on petitions for a proposed Special Assessment District (S.A.D.) for road rehabilitation in the Hunters Creek Subdivision. The petitions demonstrate adequate support for the project to allow the Board to authorize the preliminary engineering phase of the project.

ACTION:

Consistent with Board Policy, the Board is being asked to authorize OHM Advisors, consulting engineers for road paving projects, to provide preliminary engineering to establish the preliminary scope of work of the improvement, location, and estimated cost for S.A.D. road rehabilitation of the Hunters Creek Subdivision.

DEPARTMENT / PRESENTER(S):

Patrick J. Fellrath, PE, Director of Public Services
Rhett Gronevelt, PE, OHM Advisors or George Tsakoff, PE, OHM Advisors

BACKGROUND:

Steps A-G of the existing Summary of Events for Special Assessment has been completed. Based on Frontage (the legal requirement) 78.1% have petitioned, beyond the 51% required. Based on the number of units, 77.8% have petitioned, which is greater than the 51% requirement established by the Board. The residents have requested that the Township proceed with the preliminary engineering based on the current support.

BUDGET / TIME LINE:

Approval at this time will include engineering cost of \$7,000.00 only. We estimate the work will be completed within the next 2 – 3 months.

RECOMMENDATION:

Based on the percentage of properties involved, we recommend proceeding to the next phase.

I move to authorize the engineering firm of OHM Advisors to provide preliminary engineering required to establish the level of improvements, location, and estimate of cost for the road rehabilitation of Hunters Creek Subdivision as submitted and described on the received petitions for a cost not to exceed Seven Thousand Dollars (\$7,000.00). The scope of work for the above shall include:

1. Procure a qualified agent to conduct the necessary geotechnical engineering study for the project. Costs for this portion of the study are to be paid for separately.
2. Take preliminary grade shots and/or prepare preliminary cross section of rehabilitation method showing improvement location and proposed SAD.
3. Meetings with Wayne County to review preliminary plan, cross sections and other information.
4. Prepare preliminary cost estimate for project.
5. Any and all activities needed to proceed with the Public Hearing of Necessity.

Moved by: _____ Seconded by: _____
VOTE: ___ KA ___ NC ___ CC ___ BD ___ RE ___ MK ___ SP

MOTION CARRIED _____ MOTION DEFEATED _____

PROJECT DESCRIPTION
FOR
HUNTERS CREEK SUBDIVISION
SPECIAL ASSESSMENT DISTRICT (SAD) ROAD PROGRAM

The proposed improvements to the existing two-lane concrete roadway with integral curb and gutter shall consist of complete and/or partial pavement and curb replacement, sub-base and subgrade preparation, and miscellaneous driveway work, sidewalk ramp, drainage structure modification or subgrade underdrain installation, which may be needed to facilitate the replacement of concrete road pavement only, or as required by County of Wayne.

The project commences at the north right-of-way line of Powell Road, and proceeds northerly and then westerly along Hunters Creek Drive approximately 2,200 feet to the west limit of SAD (west limit of Lot 14). The project also includes Hunters Creek Court commencing at the intersection of Hunters Creek Drive and proceeding westerly approximately 450 feet to its point of termination.

The district limits for frontage along Hunters Creek Drive and Hunters Creek Court consists of Lots 1 through 10 and Lots 12 through 28 of Hunters Creek Subdivision, all located in the Southeast $\frac{1}{4}$ of Section 29, T.1S, R.8E, of Plymouth Township, Wayne County, Michigan.

**SPECIAL ASSESSMENT DISTRICT TENTATIVE ASSESSMENT ROLL
HUNTERS CREEK SUBDIVISION**

Notes:

1) Frontage is defined by properties abutting Hunters Creek Drive and Hunters Creek Court.

Tax ID Number	LOT #	FRONTAGE		SIGNED		UNITS	SIGNED	ADDRESS
R-78-040-02-0001	1	135.67	Fl.	135.67	Fl.	1	1	11608 HUNTERS CREEK DR
R-78-040-02-0002	2	202.44	Fl.	202.44	Fl.	1	1	11650 HUNTERS CREEK DR
R-78-040-02-0003	3	114.73	Fl.	114.73	Fl.	1	1	11692 HUNTERS CREEK DR
R-78-040-02-0004	4	107.24	Fl.	107.24	Fl.	1	1	11734 HUNTERS CREEK DR
R-78-040-02-0005	5	126.00	Fl.	-	Fl.	1		11776 HUNTERS CREEK DR
R-78-040-02-0006	6	126.00	Fl.	126.00	Fl.	1	1	11818 HUNTERS CREEK DR
R-78-040-02-0007	7	126.00	Fl.	126.00	Fl.	1	1	11860 HUNTERS CREEK DR
R-78-040-02-0008	8	126.12	Fl.	126.12	Fl.	1	1	11902 HUNTERS CREEK DR
R-78-040-02-0009	9	148.17	Fl.	148.17	Fl.	1	1	11944 HUNTERS CREEK DR
R-78-040-02-0010	10	197.37	Fl.	197.37	Fl.	1	1	12028 HUNTERS CREEK DR
R-78-040-02-0012	12	116.34	Fl.	116.34	Fl.	1	1	12070 HUNTERS CREEK DR
R-78-040-02-0013	13	125.25	Fl.	-	Fl.	1		12112 HUNTERS CREEK DR
R-78-040-02-0014	14	130.01	Fl.	-	Fl.	1		12154 HUNTERS CREEK DR
R-78-040-02-0015	15	120.04	Fl.	-	Fl.	1		12153 HUNTERS CREEK DR
R-78-040-02-0016	16	128.88	Fl.	-	Fl.	1		12113 HUNTERS CREEK DR
R-78-040-02-0017	17	288.02	Fl.	-	Fl.	1		12007 HUNTERS CREEK DR
R-78-040-02-0018	18	297.00	Fl.	297.00	Fl.	1	1	11901 HUNTERS CREEK CT
R-78-040-02-0019	19	106.83	Fl.	106.83	Fl.	1	1	11885 HUNTERS CREEK CT
R-78-040-02-0020	20	84.27	Fl.	84.27Fl.		1	1	11867 HUNTERS CREEK CT
R-78-040-02-0021	21	99.85	Fl.	99.85Fl.		1	1	11851 HUNTERS CREEK CT
R-78-040-02-0022	22	100.39	Fl.	100.39	Fl.	1	1	11833 HUNTERS CREEK CT
R-78-040-02-0023	23	297.00	Fl.	297.00	Fl.	1	1	11817 HUNTERS CREEK CT
R-78-040-02-0024	24	126.24	Fl.	126.24	Fl.	1	1	11775 HUNTERS CREEK DR
R-78-040-02-0025	25	297.87	Fl.	297.87	Fl.	1	1	11731 HUNTERS CREEK DR
R-78-040-02-0026	26	84.27	Fl.	84.27Fl.		1	1	11715 HUNTERS CREEK DR
R-78-040-02-0027	27	114.19	Fl.	114.19	Fl.	1	1	11693 HUNTERS CREEK DR
R-78-040-02-0028	28	260.96	Fl.	260.96	Fl.	1	1	11651 HUNTERS CREEK DR
	TOTAL	4,187.15	Fl.	3,268.95	Fl.	27.00	21	

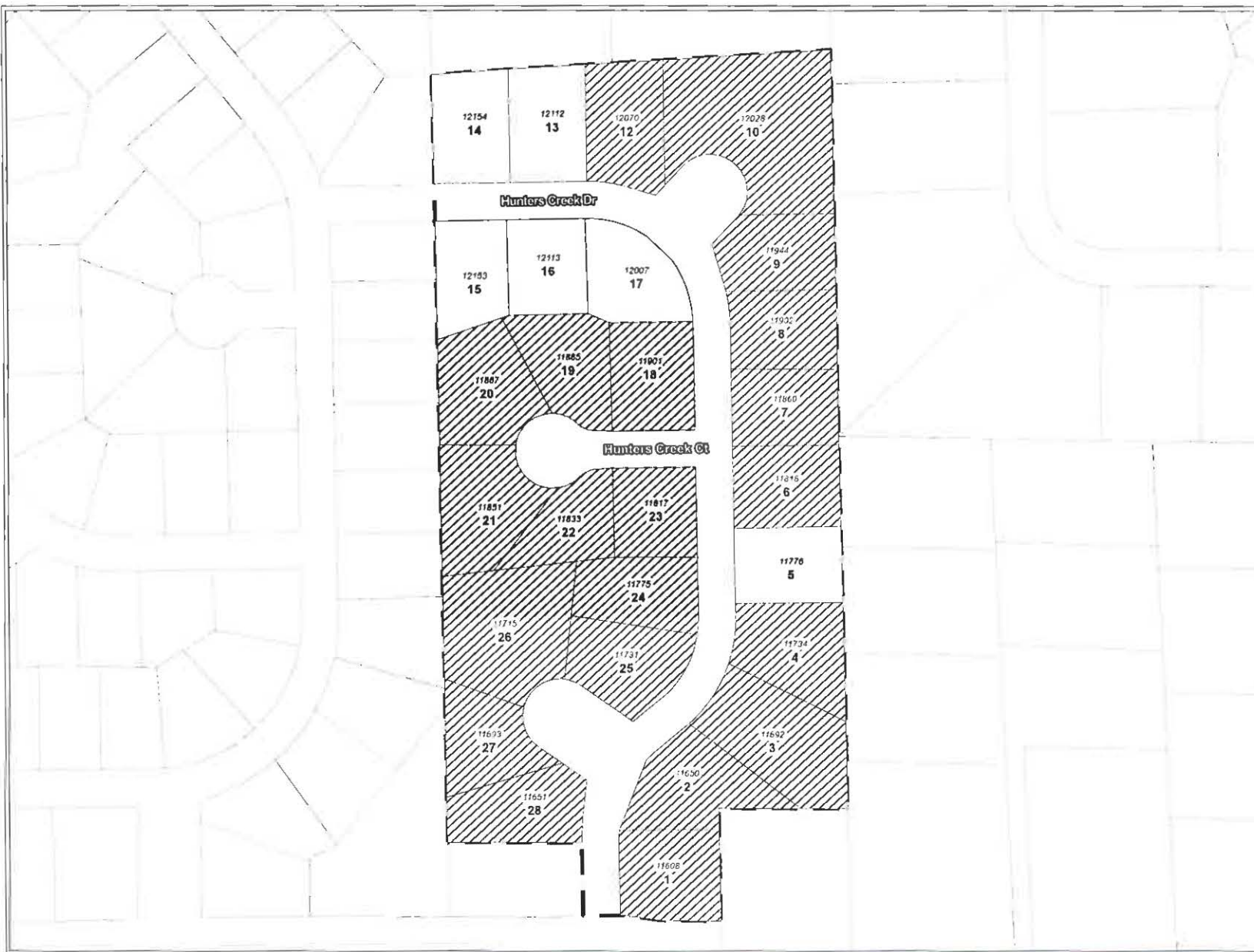
I. PERCENTAGE BASED ON FRONTAGE (50% = 2094 Ft.)
 SIGNED PETITION 3,268.95 = 78.1%
 TOTAL FRONTAGE 4,187.15

II. PERCENTAGE BASED ON UNITS (50% = 14 UNITS)
 SIGNED PETITION 21.00 = 77.8%
 TOTAL UNITS 27.00




Updated June 04, 2015



Potential Hunter's Creek
S.A.D Limits
Plymouth Township



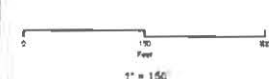
Petition Status

-  Support
-  No Support
-  Hunters Creek SAD Limits

Key
Street Number 11711
Lot Number 1

Total Number of Subdivision Lots 27

Note: Excludes Lot 11, which has been combined with Lot 10



Source: Data provided by Wayne County and Plymouth Township. OHM Advisers does not warrant the accuracy of the data and/or the map. This document is intended to depict the approximate spatial location of the mapped features within the Community and all use is strictly at the user's own risk.

Coordinate System: NAD 1983 StatePlane Michigan South FIPS 2143
In feet

Map Published May 28 2015



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**CHARTER TOWNSHIP OF PLYMOUTH
STAFF REQUEST FOR BOARD ACTION**

ITEM: Special Assessment District for Plymouth Gardens and Finch Subdivisions

BRIEF:

Township Clerk has validated the signatures on petitions received for a proposed Special Assessment District (S.A.D.) for road rehabilitation in the Plymouth Gardens and Finch Subdivisions. The petitions demonstrate adequate support for the project to allow the Board to authorize the preliminary engineering phase of the project.

ACTION:

Consistent with Board Policy, the Board is being asked to authorize OHM Advisors, consulting engineers for road paving projects, to provide preliminary engineering to establish the preliminary scope of work of the improvement, location, and estimated cost for S.A.D. road rehabilitation of the Plymouth Gardens and Finch Subdivisions.

DEPARTMENT / PRESENTER(S):

Patrick J. Fellrath, PE, Director of Public Services
Rhett Gronevelt, PE, OHM Advisors or George Tsakoff, PE, OHM Advisors

BACKGROUND:

Steps A-G of the existing Summary of Events for Special Assessment has been completed. Based on Frontage (the legal requirement) 77.3% have petitioned, beyond the 51% required. Based on the number of units, 73.4% have petitioned, which is greater than the 51% requirement established by the Board. The residents have requested that the Township proceed with the preliminary engineering based on the current support.

BUDGET / TIME LINE:

Approval at this time will include engineering cost of \$7,000.00 only. We estimate the work will be completed within the next 2 – 3 months.

RECOMMENDATION:

Based on the percentage of properties involved, we recommend proceeding to the next phase.

I move to authorize the engineering firm of OHM Advisors to provide preliminary engineering required to establish the level of improvements, location, and estimate of cost for the road paving of Plymouth Gardens and Finch Subdivisions as submitted and described on the received petitions for a cost not to exceed Seven Thousand Dollars (\$7,000.00). The scope of work for the above shall include:

1. Procure a qualified agent to conduct the necessary geotechnical engineering study for the project. Costs for this portion of the study are to be paid for separately.
2. Take preliminary grade shots and/or prepare preliminary cross section of rehabilitation method showing improvement location and proposed SAD.
3. Meetings with Wayne County to review preliminary plan, cross sections and other information.
4. Prepare preliminary cost estimate for project.
5. Any and all activities needed to proceed with the Public Hearing of Necessity.

Moved by: _____ Seconded by: _____
VOTE: _____ KA _____ NC _____ CC _____ BD _____ RE _____ MK _____ SP
MOTION CARRIED _____ MOTION DEFEATED _____

**SPECIAL ASSESSMENT DISTRICT TENTATIVE ASSESSMENT ROLL
PLYMOUTH GARDENS & FINCH SUBDIVISION**

Notes:

1) Frontage is defined by properties abutting Lakeland Court, Bradner Avenue, Schoolcraft Road, Finch Avenue, Parkhurst Road, and Five Mile Road, based on SAD Petition.

Tax ID Number	LOT #	FRONTAGE		SIGNED		UNITS	SIGNED	ADDRESS
R-78-017-04-0001	1	92.88	FL	92.88F	t	1	1	42118 LAKELAND CT
R-78-017-04-0002	2	75.00	FL	75.00F	L	1	1	42132 LAKELAND CT
R-78-017-04-0003	3	75.00	FL	-	FL	1		42150 LAKELAND CT
R-78-017-04-0004	4	75.00	FL	75.00F	L	1	1	42168 LAKELAND CT
R-78-017-04-0005	5	75.00	FL	75.00F	t	1	1	42188 LAKELAND CT
R-78-017-04-0006	6	75.00	FL	75.00	Ft	1	1	42342 LAKELAND CT
R-78-017-04-0007	7	75.00	FL	75.00F	L	1	1	42366 LAKELAND CT
R-78-017-04-0008	8	75.00	FL	75.00F	t	1	1	42390 LAKELAND CT
R-78-017-04-0009	9	206.20	FL	206.20	FL	1	1	15120 BRADNER AVENUE
R-78-017-04-0010	10	204.00	FL	204.00	Ft	1	1	15100 BRADNER AVENUE
R-78-017-04-0011	11	206.02	FL	206.02	FL	1	1	15070 BRADNER AVENUE
R-78-017-04-0012	12	72.00	Ft	72.00F	L	1	1	15050 BRADNER AVENUE
R-78-017-04-0013	13	72.00	FL	72.00F	L	1	1	15030 BRADNER AVENUE
R-78-017-04-0014	14	115.78	FL	115.78	Ft	1	1	42370 SCHOOLCRAFT ROAD
R-78-017-04-0016	16	135.00	FL	135.00	Ft	1	1	42342 SCHOOLCRAFT ROAD
R-78-017-04-0017	17	131.01	Ft	131.01	FL	1	1	15039 FINCH AVENUE
R-78-017-04-0018	18	72.00	Ft	72.00F	L	1	1	15059 FINCH AVENUE
R-78-017-04-0019	19	72.00	Ft	-	FL	1		1575 FINCH AVENUE
R-78-017-04-0020	20	241.00	FL	241.00	Ft	1	1	42375 LAKELAND CT
R-78-017-04-0021	21	213.65	FL	213.65	Ft	1	1	42319 LAKELAND CT
R-78-017-04-0022	22	80.00	Ft	80.00F	L	1	1	15074 FINCH AVENUE
R-78-017-04-0023	23	80.00	FL	80.00F	L	1	1	15058 FINCH AVENUE
R-78-017-04-0024	24	74.50	FL	74.50F	L	1	1	15042 FINCH AVENUE
R-78-017-04-0025	25	70.00	FL	-	FL	1		15030 FINCH AVENUE
R-78-017-04-0026	26	135.00	Ft	135.00	FL	1	1	42314 SCHOOLCRAFT ROAD
R-78-018-01-0036	36	100.28	Ft	100.28	Ft	1	1	42411 5 MILE ROAD
R-78-018-01-0042	42	50.00	FL	50.00F	L	1	1	42440 PARKHURST ROAD
R-78-018-01-0043	43	50.00	Ft	50.00F	L	1	1	42450 PARKHURST ROAD
R-78-018-01-0044	44	50.00	FL	50.00F	L	1	1	42458 PARKHURST ROAD
R-78-018-01-0045	45	50.00	FL	50.00F	L	1	1	42470 PARKHURST ROAD
R-78-018-01-0046	46	50.00	FL	-	FL	1		42480 PARKHURST ROAD
R-78-018-01-0047	47	50.00	Ft	-	FL	1		42490 PARKHURST ROAD
R-78-018-01-0048	48	50.00	FL	50.00F	L	1	1	42512 PARKHURST ROAD
R-78-018-01-0049	49	104.47	FL	104.47	Ft	1	1	42524 PARKHURST ROAD
R-78-018-01-0050	50	50.00	Ft	-	FL	1		42519 PARKHURST ROAD
R-78-018-01-0051	51	50.00	FL	-	FL	1		42509 PARKHURST ROAD
R-78-018-01-0052	52	50.00	FL	50.00F	L	1	1	42485 PARKHURST ROAD
R-78-018-01-0053	53	50.00	FL	50.00F	L	1	1	42475 PARKHURST ROAD
R-78-018-01-0054	54	50.00	Ft	50.00F	L	1	1	42465 PARKHURST ROAD
R-78-018-01-0055	55	50.00	FL	50.00F	L	1	1	42457 PARKHURST ROAD
R-78-018-01-0056	56	50.00	FL	-	FL	1		42449 PARKHURST ROAD
R-78-018-01-0057	57	50.00	FL	50.00F	L	1	1	42439 PARKHURST ROAD
R-78-018-01-0058	58	270.00	FL	270.00	FL	1	1	15167 BRADNER AVENUE
R-78-018-01-0059	59	250.00	Ft	-	FL	1		42430 LAKELAND CT
R-78-018-01-0060	60	50.00	Ft	-	Ft	1		42440 LAKELAND CT
R-78-018-01-0061	61	50.00	FL	50.00F	L	1	1	42450 LAKELAND CT
R-78-018-01-0062	62	50.00	FL	50.00F	L	1	1	42460 LAKELAND CT
R-78-018-01-0063	63	50.00	FL	50.00F	L	1	1	42470 LAKELAND CT
R-78-018-01-0064	64	50.00	Ft	50.00F	L	1	1	42480 LAKELAND CT
R-78-018-01-0065	65	50.00	Ft	50.00F	L	1	1	42490 LAKELAND CT
R-78-018-01-0066	66	50.00	FL	50.00F	L	1	1	42500 LAKELAND CT
R-78-018-01-0067	67	50.00	Ft	50.00F	L	1	1	42510 LAKELAND CT
R-78-018-01-0068	68	60.00	Ft	-	Ft	1		42522 LAKELAND CT
R-78-018-01-0069	69	60.17	FL	60.17F	L	1	1	42531 LAKELAND CT
R-78-018-01-0070	70	50.00	FL	-	FL	1		42519 LAKELAND CT
R-78-018-01-0071	71	50.00	FL	-	FL	1		42509 LAKELAND CT
R-78-018-01-0072	72	50.00	Ft	50.00F	L	1	1	42499 LAKELAND CT
R-78-018-01-0073	73	50.00	FL	-	FL	1		42489 LAKELAND CT
R-78-018-01-0074	74	50.00	Ft	-	FL	1		42479 LAKELAND CT
R-78-018-01-0075	75	50.00	FL	-	Ft	1		42469 LAKELAND CT
R-78-018-01-0076	76	50.00	Ft	50.00F	L	1	1	42459 LAKELAND CT
R-78-018-01-0077	77	75.00	FL	-	FL	1		42449 LAKELAND CT
R-78-018-01-0078	78	121.00	Ft	-	Ft	1		42429 LAKELAND CT
R-78-018-01-0080	80	200.00	Ft	200.00	FL	1	1	15071 BRADNER AVENUE
R-78-018-01-0086	86	66.00	FL	66.00F	L	1	1	42424 BRADNER AVENUE

**SPECIAL ASSESSMENT DISTRICT TENTATIVE ASSESSMENT ROLL
PLYMOUTH GARDENS & FINCH SUBDIVISION**

Notes:

1) Frontage is defined by properties abutting Lakeland Court, Bradner Avenue, Schoolcraft Road, Finch Avenue, Parkhurst Road, and Five Mile Road, based on SAD Petition.

Tax ID Number	LOT #	FRONTAGE		SIGNED		UNITS	SIGNED	ADDRESS
R-78-018-01-0087	87	54.00	FL	54.00F	L	1	1	42424 BRADNER AVENUE
R-78-018-01-0134	134	162.84	FL	162.84	FL	1	1	42681 5 MILE ROAD
R-78-018-01-0140	140	157.93	FL	157.93	FL	1	1	42619 5 MILE ROAD
R-78-017-01-0002-003	2B1	72.00	FL	-	FL	1		42153 LAKELAND CT
R-78-017-01-0002-311	2B2	85.00	FL	85.00F	t	1	1	42141 LAKELAND CT
R-78-017-01-0002-008	2B3B1	103.00	FL	103.00	FL	1	1	42115 LAKELAND CT
R-78-018-99-0001-001	99-0001-001	200.00	FL	200.00	FL	1	1	15149 BRADNER AVENUE
R-78-018-01-0039-001	01-0039-001	70.00	FL	70.00F	L	1	1	42410 PARKHURST ROAD
R-78-018-01-0039-002	01-0039-002	50.00	FL	50.00F	L	1	1	42420 PARKHURST ROAD
R-78-018-01-0039-003	01-0039-003	50.00	FL	50.00F	t	1	1	42430 PARKHURST ROAD
R-78-018-01-0001-000	000-0001-01	102.05	FL	-	FL	1		42583 5 MILE ROAD
R-78-017-01-0007-001	7A	84.50	FL	84.50F	L	1	1	15140 BRADNER AVENUE
R-78-017-01-0007-002	7B	126.00	FL	126.00	FL	1	1	15160 BRADNER AVENUE
R-78-017-01-0008-001	8A	160.00	FL	-	FL	1		15200 BRADNER AVENUE
	TOTAL	7,082.28	FL	5,475.23	FL	79	58	

I. PERCENTAGE BASED ON FRONTAGE (50% = 3542 Ft.)

SIGNED PETITION	5,475.23	□	77.3%
TOTAL FRONTAGE	7,082.28		

II. PERCENTAGE BASED ON UNITS (50% = 40 UNITS)

SIGNED PETITION	58.00	=	73.4%
TOTAL UNITS	79.00		

Updated June 4, 2015



Potential Plymouth Gardens & Finch Subdivisions
S.A.D Limits
Plymouth Township

5 Mile Rd

Plymouth Corner's Condominiums

SAD Limits
 Petition Status
 Support
 No Support

Key
Street Number: 11711
Lot Number: 1

Total Number of Lots in SAD 81
Note: Parcel 99-0001-002
excluded from SAD Assessment



Source: Data provided by Wayne County and Plymouth Township. OHM Advisors does not warrant the accuracy of the data and/or the map. This document is intended to depict the approximate spatial location of the proposed facilities within the Community and all use is solely at the user's own risk.
Coordinate System: NAD 1983 StatePlane Michigan South FIPS 2115
Map Published: June 5, 2015

OHM 888 522 8711 | ohm-advisors.com



**CHARTER TOWNSHIP OF PLYMOUTH
STAFF REQUEST FOR BOARD ACTION**

ITEM: Special Assessment District for Plymouth Notch Subdivision (Litchfield Drive)

BRIEF:

Township Clerk has validated the signatures on petitions received for a proposed Special Assessment District (S.A.D.) for road rehabilitation in the Plymouth Notch Subdivision. The petitions demonstrate adequate support for the project to allow the Board to authorize the preliminary engineering phase of the project.

ACTION:

Consistent with Board Policy, the Board is being asked to authorize OHM Advisors, consulting engineers for road paving projects, to provide preliminary engineering to establish the preliminary scope of work of the improvement, location, and estimated cost for S.A.D. road rehabilitation of the Plymouth Notch Subdivision (Litchfield Drive and Court).

DEPARTMENT / PRESENTER(S):

Patrick J. Fellrath, PE, Director of Public Services
Rhett Gronevelt, PE, OHM Advisors or George Tsakoff, PE, OHM Advisors

BACKGROUND:

Steps A-G of the existing Summary of Events for Special Assessment has been completed. Based on Frontage (the legal requirement) 62% have petitioned, beyond the 51% required. Based on the number of units, 70% have petitioned, which is greater than the 51% requirement established by the Board. The residents have requested that the Township proceed with the preliminary engineering based on the current support.

BUDGET / TIME LINE:

Approval at this time will include engineering cost of \$7,000.00 only. We estimate the work will be completed within the next 2 – 3 months.

RECOMMENDATION:

Based on the percentage of properties involved, we recommend proceeding to the next phase.

I move to authorize the engineering firm of OHM Advisors to provide preliminary engineering required to establish the level of improvements, location, and estimate of cost for the road rehabilitation of Plymouth Notch Subdivision (Litchfield Drive and Court) as submitted and described on the received petitions for a cost not to exceed Seven Thousand Dollars (\$7,000.00). The scope of work for the above shall include:

1. Procure a qualified agent to conduct the necessary geotechnical engineering study for the project. Costs for this portion of the study are to be paid for separately.
2. Take preliminary grade shots and/or prepare preliminary cross section of rehabilitation method showing improvement location and proposed SAD.
3. Meetings with Wayne County to review preliminary plan, cross sections and other information.
4. Prepare preliminary cost estimate for project.
5. Any and all activities needed to proceed with the Public Hearing of Necessity.

Moved by: _____ Seconded by: _____
VOTE: _____ KA _____ NC _____ CC _____ BD _____ RE _____ MK _____ SP
MOTION CARRIED _____ MOTION DEFEATED _____

PROJECT DESCRIPTION
FOR
PLYMOUTH NOTCH SUBDIVISION (LITCHFIELD)
SPECIAL ASSESSMENT DISTRICT (SAD) ROAD PROGRAM

The proposed improvements to the existing two-lane concrete roadway with integral curb and gutter shall consist of complete pavement and curb replacement, sub-base and subgrade preparation, and miscellaneous driveway work, sidewalk ramp, drainage structure modification or subgrade underdrain installation, which may be needed to facilitate the replacement of concrete road pavement only, or as required by County of Wayne.

The project commences at the east right-of-way line of McClumpha Road, and proceeds easterly along Litchfield Drive approximately 1,150 feet and continues to proceed southerly along Litchfield Drive for approximately 250 feet to the south limit of the SAD (south limit of Plymouth Notch Subdivision). The project also includes Litchfield Court commencing at the intersection of Litchfield Drive and proceeding northerly approximately 170 feet to its point of termination.

The district limit for frontage along Litchfield Drive and Litchfield Court consists of Lots 1 through 30 of Plymouth Notch Subdivision, located in the Northeast $\frac{1}{4}$ of Section 33, T.1S, R.8E, of Plymouth Township, Wayne County, Michigan.

**SPECIAL ASSESSMENT DISTRICT TENTATIVE ASSESSMENT ROLL
PLYMOUTH NOTCH SUBDIVISION (AKA - LITCHFIELD)**

Notes:

1) Frontage is defined by properties abutting Litchfield Drive and Litchfield Court.

Tax ID Number	LOT #	FRONTAGE		SIGNED		UNITS	SIGNED	ADDRESS
R-78-053-03-0001-000	1	105.00	FL	-	Ft	1		46368 LITCHFIELD DRIVE
R-78-053-03-0001-001	2	83.60	FL	83.60	FL	1	1	46342 LITCHFIELD DRIVE
R-78-053-03-0001-002	3	87.40	FL	87.40	FL	1	1	46316 LITCHFIELD DRIVE
R-78-053-03-0001-003	4	109.32	FL	109.32	FL	1	1	46290 LITCHFIELD DRIVE
R-78-053-03-0001-004	5	281.45	FL	-	Ft	1		46264 LITCHFIELD COURT
R-78-053-03-0001-005	6	62.83	FL	62.83	FL	1	1	46238 LITCHFIELD COURT
R-78-053-03-0001-006	7	62.83	FL	62.83	Ft	1	1	46212 LITCHFIELD COURT
R-78-053-03-0001-007	8	62.83	FL	62.83	FL	1	1	46186 LITCHFIELD COURT
R-78-053-03-0001-008	9	293.87	FL	-	FL	1		46160 LITCHFIELD COURT
R-78-053-03-0001-009	10	100.02	FL	100.02	FL	1	1	46134 LITCHFIELD DRIVE
R-78-053-03-0001-010	11	100.06	FL	100.06	FL	1	1	46108 LITCHFIELD DRIVE
R-78-053-03-0001-011	12	105.34	FL	105.34	FL	1	1	46082 LITCHFIELD DRIVE
R-78-053-03-0001-012	13	101.16	FL	101.16	FL	1	1	46056 LITCHFIELD DRIVE
R-78-053-03-0001-013	14	61.30	FL	61.30	Ft	1	1	46030 LITCHFIELD DRIVE
R-78-053-03-0001-014	15	78.63	FL	78.63	FL	1	1	46004 LITCHFIELD DRIVE
R-78-053-03-0001-015	16	102.39	FL	102.39	Ft	1	1	45978 LITCHFIELD DRIVE
R-78-053-03-0001-016	17	92.47	FL	92.47	FL	1	1	45952 LITCHFIELD DRIVE
R-78-053-03-0001-017	18	100.00	FL	100.00	FL	1	1	45900 LITCHFIELD DRIVE
R-78-053-03-0001-018	19	100.00	FL	100.00	Ft	1	1	45899 LITCHFIELD DRIVE
R-78-053-03-0001-019	20	270.22	FL	270.22	FL	1	1	46081 LITCHFIELD DRIVE
R-78-053-03-0001-020	21	90.00	FL	90.00	FL	1	1	46107 LITCHFIELD DRIVE
R-78-053-03-0001-021	22	82.28	FL	82.28	FL	1	1	46133 LITCHFIELD DRIVE
R-78-053-03-0001-022	23	84.93	FL	84.93	Ft	1	1	46159 LITCHFIELD DRIVE
R-78-053-03-0001-023	24	90.00	FL	-	FL	1		46193 LITCHFIELD DRIVE
R-78-053-03-0001-024	25	90.00	FL	-	Ft	1		46227 LITCHFIELD DRIVE
R-78-053-03-0001-025	26	89.99	FL	89.99	FL	1	1	46263 LITCHFIELD DRIVE
R-78-053-03-0001-026	27	90.86	FL	-	FL	1		46289 LITCHFIELD DRIVE
R-78-053-03-0001-027	28	94.27	FL	-	FL	1		46315 LITCHFIELD DRIVE
R-78-053-03-0001-028	29	91.96	FL	-	Ft	1		46341 LITCHFIELD DRIVE
R-78-053-03-0001-029	30	105.00	FL	-	Ft	1		46367 LITCHFIELD DRIVE
TOTAL		3,270.01	FL	2,027.60	Ft	30.00	21	

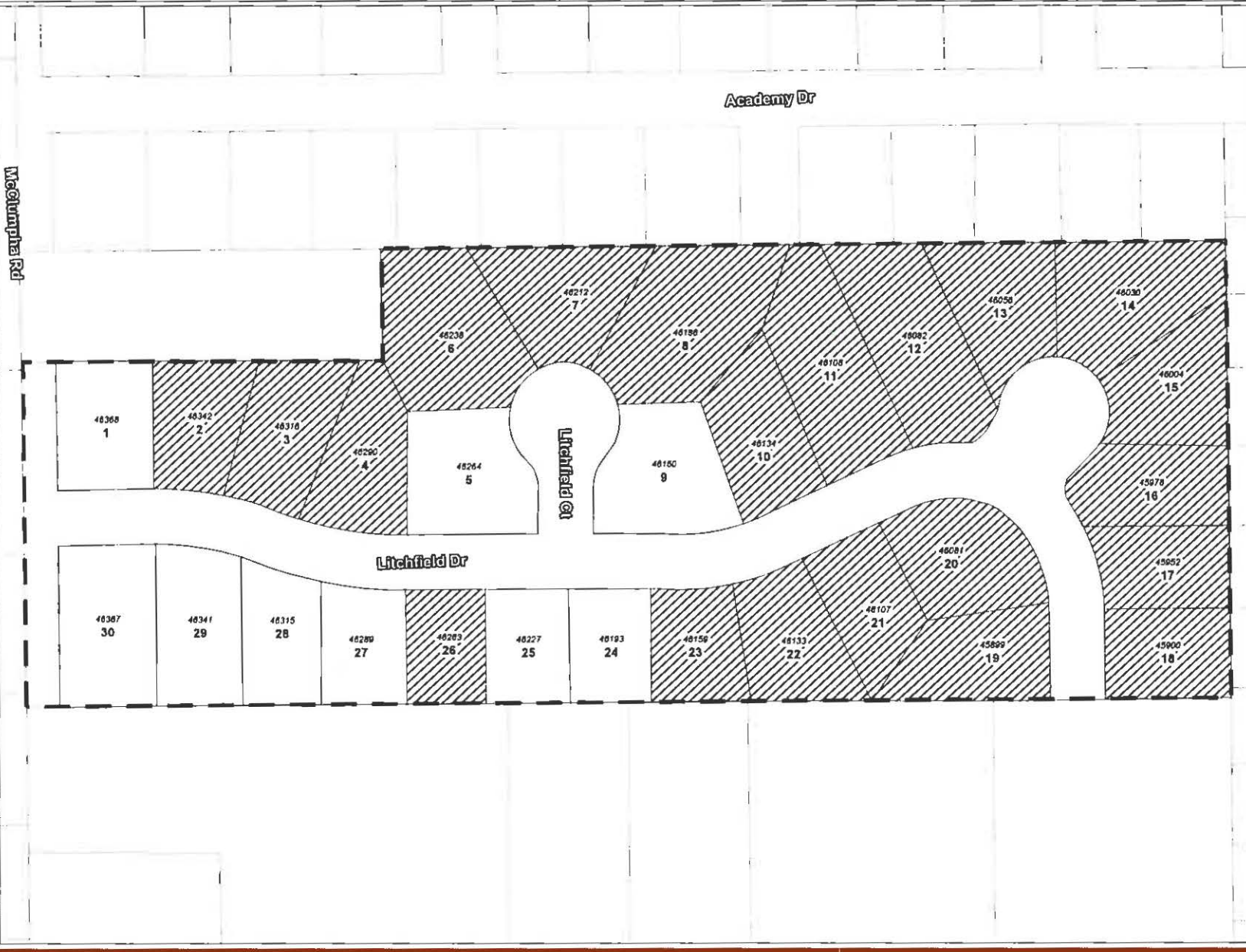
I. PERCENTAGE BASED ON FRONTAGE (50% = 1635 FL)
 SIGNED PETITION 2,027.60 = 62.0%
 TOTAL FRONTAGE 3,270.01

II. PERCENTAGE BASED ON UNITS (50% = 16 UNITS)
 SIGNED PETITION 21.00 = 70.0%
 TOTAL UNITS 30.00

Updated June 04, 2015



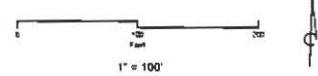
Potential Litchfield
S.A.D Limits
Plymouth Township



Litchfield S.A.D Limits
 Petition Status
 Support
 No Support

Key
 Street Number 11711
 Lot Number 1

Total Number of Subdivision Lots 30



Source: Data provided by Wayne County and Plymouth Township. OHM Advisors does not warrant the accuracy of the data under the map. This document is intended to depict the approximate spatial location of the mapped features within the Community and is not to be used as a legal instrument.
 Coordinate System: NAD 1983 StatePlane Michigan South FIPS 2115
 Map Published: May 28 2015



**CHARTER TOWNSHIP OF PLYMOUTH
STAFF REQUEST FOR BOARD ACTION**

ITEM: Special Assessment District for Ridgewood Hills Nos. 2, 3 & 4 Subdivisions

BRIEF:

Township Clerk has validated the signatures on petitions received for a proposed Special Assessment District (S.A.D.) for road rehabilitation in the Ridgewood Hills Nos. 2, 3 & 4 Subdivisions. The petitions demonstrate adequate support for the project to allow the Board to authorize the preliminary engineering phase of the project.

ACTION:

Consistent with Board Policy, the Board is being asked to authorize OHM Advisors, consulting engineers for road paving projects, to provide preliminary engineering to establish the preliminary scope of work of the improvement, location, and estimated cost for S.A.D. road rehabilitation of the Ridgewood Hills Nos. 2, 3 & 4 Subdivisions (Ridgewood Hills West).

DEPARTMENT / PRESENTER(S):

Patrick J. Fellrath, PE, Director of Public Services
Rhett Gronevelt, PE, OHM Advisors or George Tsakoff, PE, OHM Advisors

BACKGROUND:

Steps A-G of the existing Summary of Events for Special Assessment has been completed. Based on Frontage (the legal requirement) 62.5% have petitioned, beyond the 51% required. Based on the number of units, 62% have petitioned, which is greater than the 51% requirement established by the Board. The residents have requested that the Township proceed with the preliminary engineering based on the current support.

BUDGET / TIME LINE:

Approval at this time will include engineering cost of \$7,000.00 only. We estimate the work will be completed within the next 2 – 3 months.

RECOMMENDATION:

Based on the percentage of properties involved, we recommend proceeding to the next phase.

I move to authorize the engineering firm of OHM Advisors to provide preliminary engineering required to establish the level of improvements, location, and estimate of cost for the road rehabilitation of Ridgewood Hills West Subdivision as submitted and described on the received petitions for a cost not to exceed Seven Thousand Dollars (\$7,000.00). The scope of work for the above shall include:

1. Procure a qualified agent to conduct the necessary geotechnical engineering study for the project. Costs for this portion of the study are to be paid for separately.
2. Take preliminary grade shots and/or prepare preliminary cross section of rehabilitation method showing improvement location and proposed SAD.
3. Meetings with Wayne County to review preliminary plan, cross sections and other information.
4. Prepare preliminary cost estimate for project.
5. Any and all activities needed to proceed with the Public Hearing of Necessity.

Moved by: _____ Seconded by: _____
VOTE: _____ KA _____ NC _____ CC _____ BD _____ RE _____ MK _____ SP
MOTION CARRIED _____ MOTION DEFEATED _____

PROJECT DESCRIPTION
FOR
RIDGEWOOD HILLS NOS. 2, 3, & 4 SUBDIVISIONS (RIDGEWOOD HILLS WEST)
SPECIAL ASSESSMENT DISTRICT (SAD) ROAD PROGRAM

The proposed improvements to the existing two-lane concrete roadway with integral curb and gutter shall consist of complete and/or partial pavement and curb replacement, sub-base and subgrade preparation, and miscellaneous driveway work, sidewalk ramp, drainage structure modification or subgrade underdrain installation, which may be needed to facilitate the replacement of concrete road pavement only, or as required by County of Wayne.

The project commences at the north right-of-way line of Ann Arbor Road, and proceeds northwesterly along Pineview Drive approximately 720 feet to the intersection of Red Maple Drive, then continues to proceed northerly along Red Maple Drive approximately 2,900 feet to the intersection of Plum Tree Drive, then proceeds easterly along Plum Tree Drive approximately 1,200 feet to the east limit of SAD boundary at Lot 333. The project also includes Harvest Drive commencing at the intersection of Red Maple Drive and proceeding easterly approximately 1,200 feet to the east limit of SAD boundary at Lot 356, and Pinehill Drive commencing at the intersection of Red Maple Drive and proceeding easterly approximately 1,100 feet to the east limit of SAD boundary at Lot 268, and Woodway Drive commencing at the intersection of Red Maple Drive and proceeding easterly approximately 1,000 feet to the east limit of SAD boundary at Lot 209, and Red Pine Drive commencing at the intersection of Winterset Circle and proceeding southeasterly approximately 1,050 feet to the intersection of Winterset Circle, and Winterset Circle commencing at the intersection of Woodway Drive and proceeding south, southeasterly, and northeasterly approximately 1,600 feet to the east limit of SAD boundary at Lot 186, and Jasmine Drive for approximately 370 feet between Pineview Drive and Winterset Circle, and Woodway Drive commencing at Red Maple Drive and proceeding westerly approximately 160 feet to west limit of SAD boundary, and Harvest Drive commencing at Red Maple Drive and proceeding westerly approximately 160 feet to west limit of SAD boundary, and Plum Tree Court commencing at the intersection of Plum Tree Drive and proceeding northeasterly approximately 180 feet to its point of termination, and Harvest Court commencing at the intersection of Harvest Drive and proceeding southwesterly approximately 560 feet to its point of termination, and Red Maple Court commencing at Red Maple Drive and proceeding southerly approximately 440 feet to its point of termination.

The district limit for frontage along Pineview Drive, Red Maple Drive, Plum Tree Drive, Harvest Drive, Pinehill Drive, Woodway Drive, Red Pine Drive, Winterset Circle, Jasmine Drive, Plum Tree Court, Harvest Court, and Red Maple Court, consists of Lots 186 through 385 of Ridgewood Hills No. 2, No. 3, and No. 4 Subdivisions, located in both the Northwest and Southwest ¼ of Section 32, T.1S, R.8E, of Plymouth Township, Wayne County, Michigan.

**SPECIAL ASSESSMENT DISTRICT TENTATIVE ASSESSMENT ROLL
RIDGWOOD HILLS WEST SUBDIVISION**

Notes:

1) Frontage is defined by properties abutting Winterset Circle, Woodway Drive, Red Pine Drive, Pineview Drive, Red Maple Drive, Jasmine Drive, Red Maple Court, Pinehill Drive, Plum Tree Drive, Plum Tree Court, Harvest Drive, and Harvest Court.

Tax ID Number	LOT #	FRONTAGE		SIGNED		UNITS	SIGNED	ADDRESS
R-78-050-02-0186	186	69.08	FL	69.08	FL	1	1	9445 WINTERSET CIR
R-78-050-02-0187	187	90.00	FL	90.00	FL	1	1	9461 WINTERSET CIR
R-78-050-02-0188	188	90.00	FL	90.00	FL	1	1	9477 WINTERSET CIR
R-78-050-02-0189	189	90.00	FL	-	FL	1		9493 WINTERSET CIR
R-78-050-02-0190	190	86.97	FL	-	FL	1		9507 WINTERSET CIR
R-78-050-02-0191	191	86.97	FL	86.97	FL	1	1	9525 WINTERSET CIR
R-78-050-02-0192	192	86.97	FL	-	FL	1		9514 WINTERSET CIR
R-78-050-02-0193	193	100.00	FL	-	FL	1		9557 WINTERSET CIR
R-78-050-02-0194	194	238.09	FL	-	FL	1		9573 WINTERSET CIR
R-78-050-02-0195	195	242.83	FL	-	FL	1		9589 WINTERSET CIR
R-78-050-02-0196	196	96.09	FL	-	FL	1		9605 WINTERSET CIR
R-78-050-02-0197	197	86.98	FL	86.98	FL	1	1	9621 WINTERSET CIR
R-78-050-02-0198	198	93.43	FL	93.43	FL	1	1	9637 WINTERSET CIR
R-78-050-02-0199	199	105.00	FL	105.00	FL	1	1	9653 WINTERSET CIR
R-78-050-02-0200	200	105.00	FL	105.00	FL	1	1	9669 WINTERSET CIR
R-78-050-02-0201	201	105.00	FL	105.00	FL	1	1	9685 WINTERSET CIR
R-78-050-02-0202	202	243.98	FL	243.98	FL	1	1	9701 WINTERSET CIR
R-78-050-02-0203	203	112.47	FL	112.47	FL	1	1	49200 WOODWAY DR
R-78-050-02-0204	204	112.47	FL	-	FL	1		49162 WOODWAY DR
R-78-050-02-0205	205	112.47	FL	-	FL	1		49124 WOODWAY DR
R-78-050-02-0206	206	112.47	FL	112.47	FL	1	1	49086 WOODWAY DR
R-78-050-02-0207	207	104.43	FL	104.43	FL	1	1	49048 WOODWAY DR
R-78-050-02-0208	208	93.29	FL	-	FL	1		49010 WOODWAY DR
R-78-050-02-0209	209	79.33	FL	-	FL	1		48972 WOODWAY DR
R-78-050-02-0210	210	116.10	FL	116.10	FL	1	1	49009 WOODWAY DR
R-78-050-02-0211	211	89.09	FL	89.09	FL	1	1	49047 WOODWAY DR
R-78-050-02-0212	212	86.21	FL	86.21	FL	1	1	49085 WOODWAY DR
R-78-050-02-0213	213	86.21	FL	86.21	FL	1	1	49113 WOODWAY DR
R-78-050-02-0214	214	86.21	FL	86.21	FL	1	1	49141 WOODWAY DR
R-78-050-02-0215	215	245.36	FL	-	FL	1		49161 WOODWAY DR
R-78-050-02-0216	216	235.00	FL	235.00	FL	1	1	9670 RED PINE DR
R-78-050-02-0217	217	100.00	FL	100.00	FL	1	1	9650 RED PINE DR
R-78-050-02-0218	218	100.13	FL	100.13	FL	1	1	9632 RED PINE DR
R-78-050-02-0219	219	109.50	FL	109.50	FL	1	1	9614 RED PINE DR
R-78-050-02-0220	220	57.07	FL	57.07	FL	1	1	9596 RED PINE DR
R-78-050-02-0221	221	127.32	FL	-	FL	1		9580 RED PINE DR
R-78-050-02-0222	222	100.00	FL	100.00	FL	1	1	9560 RED PINE DR
R-78-050-02-0223	223	100.00	FL	100.00	FL	1	1	9540 RED PINE DR
R-78-050-02-0224	224	100.00	FL	100.00	FL	1	1	9524 RED PINE DR
R-78-050-02-0225	225	100.00	FL	100.00	FL	1	1	9500 RED PINE DR
R-78-050-02-0226	226	251.33	FL	251.33	FL	1	1	9488 RED PINE DR
R-78-050-02-0227	227	221.11	FL	221.11	FL	1	1	9490 WINTERSET CIR
R-78-050-02-0228	228	123.83	FL	123.83	FL	1	1	9511 RED PINE DR
R-78-050-02-0229	229	100.00	FL	100.00	FL	1	1	9533 RED PINE DR
R-78-050-02-0230	230	100.00	FL	100.00	FL	1	1	9555 RED PINE DR
R-78-050-02-0231	231	138.02	FL	138.02	FL	1	1	9577 RED PINE DR
R-78-050-02-0232	232	102.91	FL	102.91	FL	1	1	9621 RED PINE DR
R-78-050-02-0233	233	100.00	FL	100.00	FL	1	1	9651 RED PINE DR
R-78-050-02-0234	234	235.00	FL	235.00	FL	1	1	9650 WINTERSET CIR
R-78-050-02-0235	235	157.44	FL	157.44	FL	1	1	9630 WINTERSET CIR
R-78-050-02-0236	236	90.00	FL	90.00	FL	1	1	9600 WINTERSET CIR
R-78-050-02-0237	237	90.00	FL	-	FL	1		9588 WINTERSET CIR
R-78-050-02-0238	238	90.00	FL	-	FL	1		9576 WINTERSET CIR
R-78-050-02-0239	239	90.00	FL	-	FL	1		9564 WINTERSET CIR
R-78-050-02-0240	240	101.75	FL	101.75	FL	1	1	9552 WINTERSET CIR
R-78-050-02-0241	241	169.88	FL	169.88	FL	1	1	9524 WINTERSET CIR
R-78-050-03-0242	242	84.71	FL	84.71	FL	1	1	9320 PINEVIEW DR
R-78-050-03-0243	243	84.70	FL	-	FL	1		9344 PINEVIEW DR
R-78-050-03-0244	244	235.00	FL	235.00	FL	1	1	9380 PINEVIEW DR
R-78-050-03-0245	245	232.42	FL	-	FL	1		9410 PINEVIEW DR
R-78-050-03-0246	246	86.81	FL	86.81	FL	1	1	9450 PINEVIEW DR
R-78-050-03-0247	247	238.22	FL	-	FL	1		9470 PINEVIEW DR
R-78-050-03-0248	248	87.34	FL	87.34	FL	1	1	9566 RED MAPLE DR
R-78-050-03-0249	249	90.00	FL	-	FL	1		9610 RED MAPLE DR

**SPECIAL ASSESSMENT DISTRICT TENTATIVE ASSESSMENT ROLL
RIDGWOOD HILLS WEST SUBDIVISION**

Notes:

1) Frontage is defined by properties abutting Winterset Circle, Woodway Drive, Red Pine Drive, Pineview Drive, Red Maple Drive, Jasmine Drive, Red Maple Court, Pinehill Drive, Plum Tree Drive, Plum Tree Court, Harvest Drive, and Harvest Court.

Tax ID Number	LOT #	FRONTAGE		SIGNED		UNITS	SIGNED	ADDRESS
R-78-050-03-0250	250	90.00	FL	-	Ft.	1		9630 RED MAPLE DR
R-78-050-03-0251	251	90.00	FL	90.00	Ft.	1	1	9650 RED MAPLE DR
R-78-050-03-0252	252	90.00	FL	-	FL	1		9700 RED MAPLE DR
R-78-050-03-0253	253	90.00	FL	-	FL	1		9740 RED MAPLE DR
R-78-050-03-0254	254	246.12	FL	246.12	FL	1	1	9800 RED MAPLE DR
R-78-050-03-0255	255	85.00	FL	85.00	Ft.	1	1	49240 WOODWAY DR
R-78-050-03-0256	256	240.74	FL	-	FL	1		10000 RED MAPLE DR
R-78-050-03-0257	257	90.00	FL	90.00	Ft.	1	1	10050 RED MAPLE DR
R-78-050-03-0258	258	284.94	FL	284.94	FL	1	1	10100 RED MAPLE DR
R-78-050-03-0259	259	104.23	FL	104.23	FL	1	1	49251 PINEHILL DR
R-78-050-03-0260	260	83.63	FL	83.63	FL	1	1	49235 PINEHILL DR
R-78-050-03-0261	261	83.63	FL	-	Ft.	1		49201 PINEHILL DR
R-78-050-03-0262	262	83.63	FL	83.63	Ft.	1	1	49175 PINEHILL DR
R-78-050-03-0263	263	83.63	FL	83.63	FL	1	1	49133 PINEHILL DR
R-78-050-03-0264	264	86.92	FL	-	FL	1		49101 PINEHILL DR
R-78-050-03-0265	265	100.00	FL	100.00	Ft.	1	1	49077 PINEHILL DR
R-78-050-03-0266	266	135.02	FL	-	Ft.	1		48955 PINEHILL DR
R-78-050-03-0267	267	116.63	FL	116.63	FL	1	1	48933 PINEHILL DR
R-78-050-03-0268	268	96.61	FL	96.61	FL	1	1	48920 PINEHILL DR
R-78-050-03-0269	269	89.55	FL	-	FL	1		48940 PINEHILL DR
R-78-050-03-0270	270	89.55	FL	89.55	Ft.	1	1	49000 PINEHILL DR
R-78-050-03-0271	271	97.44	FL	97.44	FL	1	1	49070 PINEHILL DR
R-78-050-03-0272	272	107.45	FL	-	FL	1		49100 PINEHILL DR
R-78-050-03-0273	273	125.00	FL	-	FL	1		49150 PINEHILL DR
R-78-050-03-0274	274	125.00	FL	-	FL	1		49210 PINEHILL DR
R-78-050-03-0275	275	125.00	FL	125.00	FL	1	1	49270 PINEHILL DR
R-78-050-03-0276	276	125.00	FL	125.00	Ft.	1	1	49300 PINEHILL DR
R-78-050-03-0277	277	111.60	FL	111.60	FL	1	1	10171 RED MAPLE DR
R-78-050-03-0278	278	106.35	FL	106.35	FL	1	1	10127 RED MAPLE DR
R-78-050-03-0279	279	100.03	FL	-	FL	1		10075 RED MAPLE DR
R-78-050-03-0280	280	100.00	FL	100.00	FL	1	1	10023 RED MAPLE DR
R-78-050-03-0281	281	100.00	FL	-	FL	1		9901 RED MAPLE DR
R-78-050-03-0282	282	100.00	FL	-	FL	1		9807 RED MAPLE DR
R-78-050-03-0283	283	245.00	FL	-	Ft.	1		9763 RED MAPLE DR
R-78-050-03-0284	284	245.00	FL	245.00	FL	1	1	9677 RED MAPLE DR
R-78-050-03-0285	285	100.00	FL	100.00	FL	1	1	9645 RED MAPLE DR
R-78-050-03-0286	286	100.22	FL	-	FL	1		9611 RED MAPLE DR
R-78-050-03-0287	287	100.00	FL	-	FL	1		9567 RED MAPLE DR
R-78-050-03-0288	288	100.00	FL	-	FL	1		9535 RED MAPLE DR
R-78-050-03-0289	289	100.00	FL	-	Ft.	1		9501 RED MAPLE DR
R-78-050-03-0290	290	100.00	FL	100.00	FL	1	1	9475 RED MAPLE DR
R-78-050-03-0291	291	100.00	FL	100.00	FL	1	1	9431 RED MAPLE CT
R-78-050-03-0292	292	100.00	FL	-	FL	1		9397 RED MAPLE CT
R-78-050-03-0293	293	100.00	FL	100.00	Ft.	1	1	9365 RED MAPLE CT
R-78-050-03-0294	294	99.52	FL	99.52	FL	1	1	9333 RED MAPLE CT
R-78-050-03-0295	295	63.18	FL	63.18	FL	1	1	9301 RED MAPLE CT
R-78-050-03-0296	296	63.18	FL	63.18	FL	1	1	9255 RED MAPLE CT
R-78-050-03-0297	297	58.85	FL	-	FL	1		9250 RED MAPLE CT
R-78-050-03-0298	298	109.50	FL	109.50	Ft.	1	1	9300 RED MAPLE CT
R-78-050-03-0299	299	90.31	FL	90.31	FL	1	1	9340 RED MAPLE CT
R-78-050-03-0300	300	90.00	FL	90.00	FL	1	1	9370 RED MAPLE CT
R-78-050-03-0301	301	268.04	FL	268.04	FL	1	1	9400 RED MAPLE CT
R-78-050-03-0302	302	138.74	FL	138.74	Ft.	1	1	9401 PINEVIEW DR
R-78-050-03-0303	303	90.00	FL	90.00	FL	1	1	9377 PINEVIEW DR
R-78-050-03-0304	304	105.08	FL	-	FL	1		9343 PINEVIEW DR
R-78-050-03-0305	305	125.12	FL	-	Ft.	1		9305 PINEVIEW DR
R-78-050-03-0306	306	106.11	FL	-	Ft.	1		10273 RED MAPLE DR
R-78-050-03-0307	307	100.80	FL	-	FL	1		10375 RED MAPLE DR
R-78-050-03-0308	308	100.00	FL	-	FL	1		10477 RED MAPLE DR
R-78-050-03-0309	309	100.00	FL	-	Ft.	1		10579 RED MAPLE DR
R-78-050-03-0310	310	100.00	FL	-	Ft.	1		10681 RED MAPLE DR
R-78-050-03-0311	311	100.00	FL	-	Ft.	1		10783 RED MAPLE DR
R-78-050-03-0312	312	245.22	FL	245.22	FL	1	1	10885 RED MAPLE DR
R-78-050-03-0313	313	245.00	FL	-	FL	1		11089 RED MAPLE DR

**SPECIAL ASSESSMENT DISTRICT TENTATIVE ASSESSMENT ROLL
RIDGWOOD HILLS WEST SUBDIVISION**

Notes:

1) Frontage is defined by properties abutting Winterset Circle, Woodway Drive, Red Pine Drive, Pineview Drive, Red Maple Drive, Jasmine Drive, Red Maple Court, Pinehill Drive, Plum Tree Drive, Plum Tree Court, Harvest Drive, and Harvest Court.

Tax ID Number	LOT #	FRONTAGE		SIGNED		UNITS	SIGNED	ADDRESS
R-78-050-03-0314	314	100.00	Fl.	100.00	Fl.	1	1	11191 RED MAPLE DR
R-78-050-03-0315	315	100.00	Fl.	100.00	Fl.	1	1	11293 RED MAPLE DR
R-78-050-03-0316	316	100.00	Fl.	-	Fl.	1		11395 RED MAPLE DR
R-78-050-03-0317	317	100.00	Fl.	100.00	Fl.	1	1	11497 RED MAPLE DR
R-78-050-03-0318	318	90.84	Fl.	90.84	Fl.	1	1	11599 RED MAPLE DR
R-78-050-03-0319	319	57.00	Fl.	57.00	Fl.	1	1	49382 PLUM TREE DR
R-78-050-03-0320	320	100.07	Fl.	100.07	Fl.	1	1	49346 PLUM TREE DR
R-78-050-03-0321	321	100.00	Fl.	-	Fl.	1		49310 PLUM TREE DR
R-78-050-03-0322	322	100.00	Fl.	-	Fl.	1		49278 PLUM TREE DR
R-78-050-03-0323	323	100.00	Fl.	100.00	Fl.	1	1	49238 PLUM TREE DR
R-78-050-03-0324	324	100.00	Fl.	100.00	Fl.	1	1	49202 PLUM TREE DR
R-78-050-03-0325	325	92.09	Fl.	92.09	Fl.	1	1	49166 PLUM TREE DR
R-78-050-03-0326	326	89.62	Fl.	-	Fl.	1		49132 PLUM TREE DR
R-78-050-03-0327	327	254.46	Fl.	254.46	Fl.	1	1	49094 PLUM TREE CT
R-78-050-03-0328	328	62.69	Fl.	-	Fl.	1		49058 PLUM TREE CT
R-78-050-03-0329	329	63.14	Fl.	-	Fl.	1		49022 PLUM TREE CT
R-78-050-03-0330	330	61.62	Fl.	61.62	Fl.	1	1	48986 PLUM TREE CT
R-78-050-03-0331	331	309.63	Fl.	309.63	Fl.	1	1	48950 PLUM TREE CT
R-78-050-03-0332	332	127.91	Fl.	-	Fl.	1		48914 PLUM TREE DR
R-78-050-03-0333	333	97.16	Fl.	-	Fl.	1		48925 PLUM TREE DR
R-78-050-03-0334	334	88.59	Fl.	88.59	Fl.	1	1	48949 PLUM TREE DR
R-78-050-03-0335	335	88.59	Fl.	-	Fl.	1		49009 PLUM TREE DR
R-78-050-03-0336	336	101.10	Fl.	-	Fl.	1		49069 PLUM TREE DR
R-78-050-03-0337	337	105.50	Fl.	-	Fl.	1		49105 PLUM TREE DR
R-78-050-03-0338	338	150.00	Fl.	-	Fl.	1		49131 PLUM TREE DR
R-78-050-03-0339	339	107.07	Fl.	107.07	Fl.	1	1	49201 PLUM TREE DR
R-78-050-03-0340	340	100.00	Fl.	-	Fl.	1		49237 PLUM TREE DR
R-78-050-03-0341	341	100.00	Fl.	100.00	Fl.	1	1	49277 PLUM TREE DR
R-78-050-03-0342	342	90.00	Fl.	90.00	Fl.	1	1	49309 PLUM TREE DR
R-78-050-03-0343	343	224.98	Fl.	224.98	Fl.	1	1	49345 PLUM TREE DR
R-78-050-03-0344	344	240.00	Fl.	240.00	Fl.	1	1	49344 HARVEST DR
R-78-050-03-0345	345	90.00	Fl.	-	Fl.	1		49308 HARVEST DR
R-78-050-03-0346	346	86.02	Fl.	86.02	Fl.	1	1	49276 HARVEST DR
R-78-050-03-0347	347	82.03	Fl.	82.03	Fl.	1	1	49236 HARVEST DR
R-78-050-03-0348	348	84.34	Fl.	84.34	Fl.	1	1	49200 HARVEST DR
R-78-050-03-0349	349	100.00	Fl.	100.00	Fl.	1	1	49132 HARVEST DR
R-78-050-03-0350	350	100.00	Fl.	100.00	Fl.	1	1	49068 HARVEST DR
R-78-050-03-0351	351	100.00	Fl.	100.00	Fl.	1	1	49008 HARVEST DR
R-78-050-03-0352	352	113.79	Fl.	113.79	Fl.	1	1	48966 HARVEST DR
R-78-050-03-0353	353	100.00	Fl.	100.00	Fl.	1	1	48948 HARVEST DR
R-78-050-03-0354	354	100.00	Fl.	-	Fl.	1		48924 HARVEST DR
R-78-050-03-0355	355	103.53	Fl.	103.53	Fl.	1	1	48866 HARVEST DR
R-78-050-03-0356	356	91.32	Fl.	91.32	Fl.	1	1	48852 HARVEST DR
R-78-050-03-0357	357	100.00	Fl.	100.00	Fl.	1	1	48865 HARVEST DR
R-78-050-03-0358	358	100.00	Fl.	100.00	Fl.	1	1	48923 HARVEST DR
R-78-050-03-0359	359	98.54	Fl.	98.54	Fl.	1	1	48947 HARVEST DR
R-78-050-03-0360	360	232.78	Fl.	-	Fl.	1		48965 HARVEST DR
R-78-050-03-0361	361	98.08	Fl.	98.08	Fl.	1	1	11084 HARVEST CT
R-78-050-03-0362	362	110.00	Fl.	110.00	Fl.	1	1	10982 HARVEST CT
R-78-050-03-0363	363	151.77	Fl.	-	Fl.	1		10880 HARVEST CT
R-78-050-03-0364	364	73.90	Fl.	-	Fl.	1		10778 HARVEST CT
R-78-050-03-0365	365	61.12	Fl.	61.12	Fl.	1	1	10666 HARVEST CT
R-78-050-03-0366	366	61.11	Fl.	-	Fl.	1		10677 HARVEST CT
R-78-050-03-0367	367	85.55	Fl.	85.55	Fl.	1	1	10779 HARVEST CT
R-78-050-03-0368	368	96.03	Fl.	-	Fl.	1		10881 HARVEST CT
R-78-050-03-0369	369	100.00	Fl.	100.00	Fl.	1	1	10983 HARVEST CT
R-78-050-03-0370	370	110.94	Fl.	110.94	Fl.	1	1	11085 HARVEST CT
R-78-050-03-0371	371	244.49	Fl.	244.49	Fl.	1	1	49067 HARVEST DR
R-78-050-03-0372	372	100.00	Fl.	-	Fl.	1		49131 HARVEST DR
R-78-050-03-0373	373	108.18	Fl.	108.18	Fl.	1	1	49199 HARVEST DR
R-78-050-03-0374	374	104.54	Fl.	-	Fl.	1		49275 HARVEST DR
R-78-050-03-0375	375	90.00	Fl.	90.00	Fl.	1	1	49307 HARVEST DR
R-78-050-03-0376	376	235.00	Fl.	235.00	Fl.	1	1	49333 HARVEST DR
R-78-050-03-0377	377	90.00	Fl.	90.00	Fl.	1	1	11088 RED MAPLE DR

**SPECIAL ASSESSMENT DISTRICT TENTATIVE ASSESSMENT ROLL
RIDGWOOD HILLS WEST SUBDIVISION**

Notes:

1) Frontage is defined by properties abutting Winterset Circle, Woodway Drive, Red Pine Drive, Pineview Drive, Red Maple Drive, Jasmine Drive, Red Maple Court, Pinehill Drive, Plum Tree Drive, Plum Tree Court, Harvest Drive, and Harvest Court.

Tax ID Number	LOT #	FRONTAGE		SIGNED		UNITS	SIGNED	ADDRESS
R-78-050-03-0378	378	90.00	Fl.	-	Fl.	1		10986 RED MAPLE DR
R-78-050-03-0379	379	90.00	Fl.	90.00	Fl.	1	1	10884 RED MAPLE DR
R-78-050-03-0380	380	90.00	Fl.	-	Fl.	1		10782 RED MAPLE DR
R-78-050-03-0381	381	100.00	Fl.	100.00	Fl.	1	1	10680 RED MAPLE DR
R-78-050-03-0382	382	100.00	Fl.	100.00	Fl.	1	1	10578 RED MAPLE DR
R-78-050-03-0383	383	100.00	Fl.	100.00	Fl.	1	1	10476 RED MAPLE DR
R-78-050-03-0384	384	119.15	Fl.	-	Fl.	1		10374 RED MAPLE DR
R-78-050-03-0385	385	125.00	Fl.	-	Fl.	1		10272 RED MAPLE DR
	TOTAL	23,470.83	Fl.	14,676.79	Fl.	200.00	124	

I. PERCENTAGE BASED ON FRONTAGE (50% = 11,736 Ft.)

SIGNED PETITION	14,676.79	=	62.5%
TOTAL FRONTAGE	23,470.83		

II. PERCENTAGE BASED ON UNITS (50% = 101 UNITS)

SIGNED PETITION	124.00	=	62.0%
TOTAL UNITS	200.00		

Updated June 04, 2015



Potential Ridgewood Hills West
S.A.D Limits
Plymouth Township



- Ridgewood Hills West SAD Limits
- Petition Status**
- Support
- No Support

Key
Sheet Number: 11731
Lot Number: 1

Total Number of Lots in SAD 204



Source: Data provided by Wayne County and Plymouth Township. OHM Advisors does not warrant the accuracy of the data and/or the map. This document is intended to depict the approximate spatial location of the mapped features within the Community and all use is strictly at the user's own risk.

Coordinate System: NAD 1983 StatePlane Michigan South FIPS 2113

Map Published: June 5, 2015



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**CHARTER TOWNSHIP OF PLYMOUTH
STAFF REQUEST FOR BOARD ACTION**

ITEM: 2015 Road Crack Sealing for past SAD Road Projects

BRIEF:

Crack sealing at an estimated \$100,000 for past SAD roads was confirmed as the preventive maintenance recommendation for the first round of Wayne County's Local Roads Initiative Program.

ACTION: N/A

DEPARTMENT / PRESENTER(S):

Patrick J. Fellrath, PE, Director of Public Services
Rhett Gronevelt, PE, OHM Advisors or George Tsakoff, PE, OHM Advisors

BACKGROUND:

In January 2015, the Board approved a list of proposed projects eligible for funding during the first round of Wayne County's Local Partnering Initiative for Roads Program. Crack sealing of previous SAD roads at an estimated cost of \$100,000 was included on the approved list (see attached).

Recently the Board requested a review of this proposed project; in particular, a request to determine if other or additional preventive maintenance measures should be employed and a re-evaluation of estimated cost.

See attached memo dated June, 2015, outlining review findings.

BUDGET / TIME LINE: General Fund / SAD Fund; Summer 2015

RECOMMENDATION: N/A

PROPOSED MOTION: N/A

RECOMMENDATION:

Moved by: _____

Seconded by: _____

VOTE: ___ KA ___ NC ___ CC ___ BD ___ RE ___ MK ___ SP

MOTION CARRIED _____

MOTION DEFEATED _____

SUBDIVISION NAME	ADDITIONAL PROJECT NOTES	TOTAL PROJECT COST (CONCEPTUAL)	MIN % OF COUNTY CONTRIBUTION	COUNTY CONTRIBUTION (\$)	# OF LOTS	SAD COST / UNIT, NO COUNTY ASSIST.	MIN SAD UNIT COST REDUCTION W/ COUNTY ASSIST.	SAD COST / UNIT, W/COUNTY ASSIST.
<u>Crack Sealing on Existing Roads</u>								
Various past Road SAD Projects	Based on level of crack deterioration on past Road SAD's completed within last 3 - 20 yrs.	\$ 100,000	100.0%	\$ 100,000	N/A	N/A	N/A	N/A
<u>Paving of Gravel Roads</u>								
Plymouth Colony Estates	Most recent petition inquiry from 2005	\$ 525,000	12.1%	\$ 63,525	48	\$ 11,000	\$ 1,300	\$ 9,700
Eastlawn (General Drive)	Most recent petition inquiry from 2010	\$ 685,000	12.1%	\$ 82,885	52	\$ 13,200	\$ 1,600	\$ 11,600
Plymouth Gardens & Finch	Most recent petition inquiry from 2004	\$ 665,000	12.1%	\$ 80,465	77	\$ 8,700	\$ 1,100	\$ 7,600
Phoenix	Not previously petitioned	\$ 365,000	12.1%	\$ 44,165	47	\$ 7,800	\$ 900	\$ 6,900
<u>Pavement Rehabilitation</u>								
Woodlore Subdivision	Signed Petitions submitted for Board Action in Dec 2014	\$ 625,000	12.1%	\$ 75,625	50	\$ 12,500	\$ 1,500	\$ 11,000
Litchfield Road	Complete and continuous concrete road replacement cross section is necessary	\$ 590,000	12.1%	\$ 71,390	30	\$ 19,700	\$ 2,400	\$ 17,300
Deer Creek Subdivision	Not previously petitioned	\$ 535,000	12.1%	\$ 64,735	130	\$ 4,200	\$ 500	\$ 3,700
Plymouth Commons Subdivision	1st Public Informational Mtg held on 11/06/14	\$ 635,000	12.1%	\$ 76,835	132	\$ 4,900	\$ 600	\$ 4,300
Ridgewood Hills Sub. (West)	Road SAD inquiries have been made since Ridgewood Hills East Project was completed	\$ 750,000	12.1%	\$ 90,750	200	\$ 3,800	\$ 500	\$ 3,300
TOTALS		\$ 5,475,000	12.1%	\$ 750,375	766			
Notes:								
Updated Jan 06, 2015 to include crack sealing on past SAD projects.								
Total Project Costs are approximate (conceptual) at this time and are based on preliminary field evaluation, recent past project cost estimates, and current unit pricing								
Total Project Costs are contingent upon future Wayne County Permit Review requirements, comments, and other unknowns related to Wayne County involvement in these projects and overall scope of work.								
Total number of lots are assumed to be accurate, but are not a final count at this stage of SAD process.								

memorandum

Date: June 9, 2015

To: Patrick Fellrath, PE, Plymouth Township Department of Public Services

cc: Rhett Gronevelt, PE, OHM Advisors

From: George Tsakoff, PE, OHM Advisors

Re: 2015 Road Crack Sealing Program (for past Road SAD Projects)

As requested, OHM Advisors performed a review of existing roads for past Special Assessment District (SAD) Projects that were completed over approximately the past 15 years. The subdivision locations that were reviewed are listed in the attached table, along with an approximate estimate of crack sealing (by route and seal method) footage currently anticipated.

SUBDIVISION NAME	ESTIMATED QUANTITY OF CRACK SEALING	NOTES
Ridgewood Hills	1,500	Primarily Transverse Cracking across roadway, very little Longitudinal Cracking present.
Plymouth Hills	8,000	Both Transverse and Longitudinal Cracking present along roadway
Beacon Estates	4,700	Both Transverse and Longitudinal Cracking present along roadway
Dunn Court	500	Both Transverse and Longitudinal Cracking present along roadway
Clemons	3,000	Both Transverse and Longitudinal Cracking present along roadway
Rocker	7,600	Both Transverse and Longitudinal Cracking present along roadway
Green Meadows East	15,000	Both Transverse and Longitudinal Cracking present along roadway. Areas of severe alligator cracking beyond preventative maintenance.
Green Meadows West	34,000	Both Transverse and Longitudinal Cracking present along roadway. Areas of severe alligator cracking beyond preventative maintenance.
Burger Estates	2,000	Both Transverse and Longitudinal Cracking present along roadway
George Robinson	2,700	Both Transverse and Longitudinal Cracking present along roadway
Arbor Village South	6,000	Both Transverse and Longitudinal Cracking present along roadway

The total estimated amount of crack sealing from the above summary is 85,000 feet. Based on an estimated contractor unit price of \$1.00 per foot of crack sealing, the construction cost is anticipated to be approximately \$85,000.



Other preventative maintenance options were considered for these roads, such as seal coating, chip seal, slurry seal, micro-surfacing, and thin HMA or concrete overlays, but for various reasons these methods are not practical in these locations outlined below. Some reasons for this are as follows:

- None of these roadways appear to be good candidates for thin HMA overlays. This treatment will typically show reflective cracking relative quickly after completion, even when accompanied by an engineered fabric layer. Also this method doesn't necessarily seal the surface and is comparatively expensive to crack sealing.
- Seal coating has more aesthetic benefit than structural benefit to pavements, and is not usually applied to roadways. This method of preventative maintenance is more applicable to parking lots with a high amount of localized turning movements, and where sealing the asphalt lot may be beneficial due to oil and fluid leaks from cars parked on the surface for a long period of time. Seal coating also tends to increase the slickness of the surface, which may not be optimal for local roadways in residential areas.
- Many of the surface treatment methods mentioned above are more applicable to rural roadways or roadways that provide a thoroughfare across less intensive land uses, but are not commonly applicable to local roadways within residential subdivisions. The finished product for the surface treatments such as chip seals and micro-surfacing tend to leave a rough road surface, loose stones, and exposed tacky asphalt.

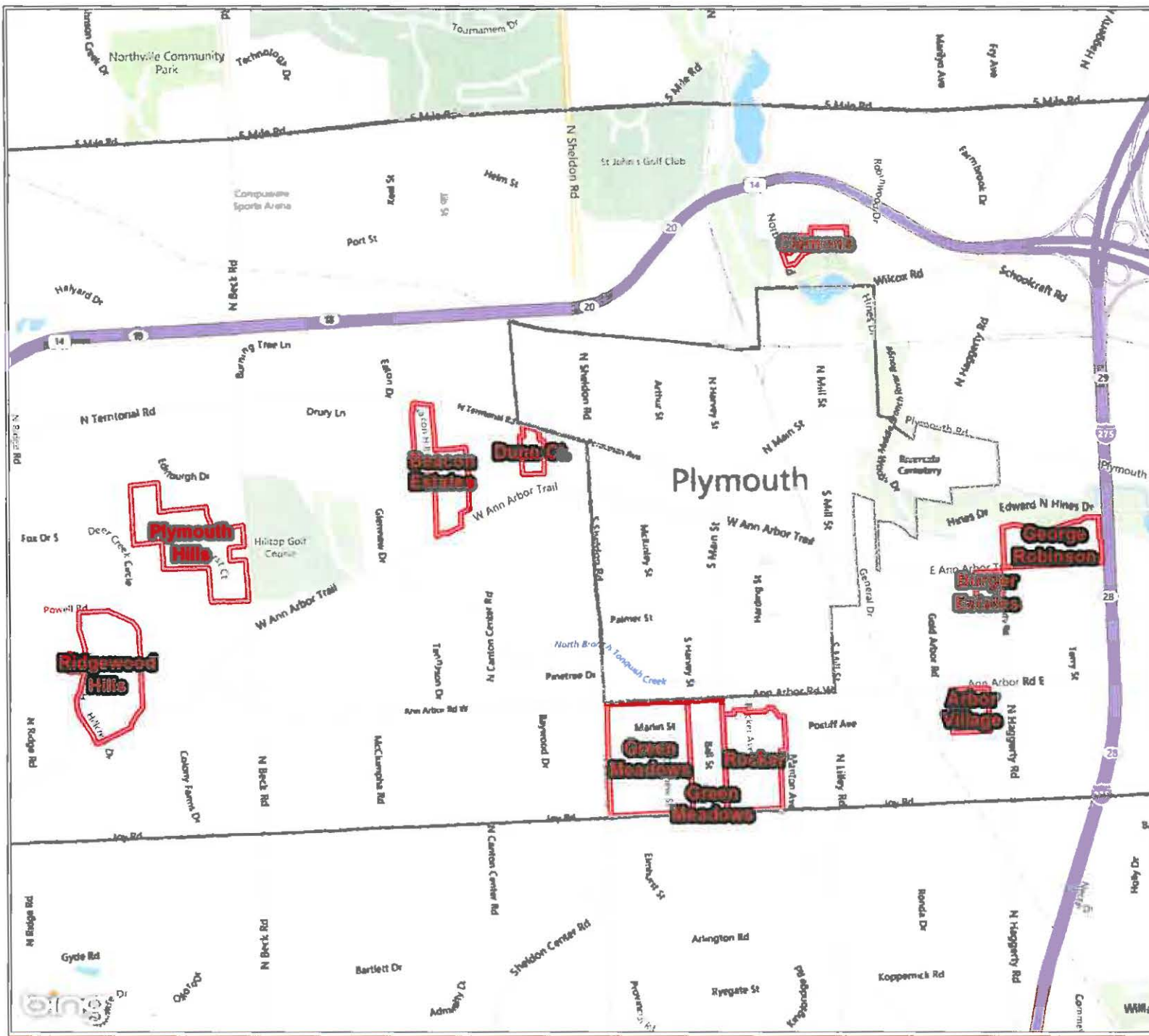
The crack route and seal method with hot rubber per 2012 MDOT Specifications for Construction is a method we recommend as feasible and practical for preventative maintenance on these roads. There are certain locations of more severe pavement distress where preventative maintenance methods would not be practical. These areas would require some other form of pavement rehabilitation (as opposed to preventative maintenance), such as isolated full depth spot removal and replacement for the entire area of pavement distress. This method could be considered, but could also become costly. We assume this to be beyond the scope of funds intention.

Looking forward to the next step in this process, OHM Advisors will prepare contract bidding documents to address the 2015 crack sealing program for the roads listed above (or as modified after further discussion between Township and OHM). We anticipate that we could have a bidding document ready to send out to potential Contractors for the crack sealing effort by July 15th, assuming authorization for this work within the next 10 days. As noted above, we estimate that based on the approximate footage of crack sealing, that a construction budget of approximately \$85,000 is sufficient to complete the crack sealing effort outlined. We further estimate that a contract administration and construction oversight budget of approximately \$15,000 would be necessary to not only prepare the contract documents necessary for this work, but also provide bidding assistance to potential contractors, review bids and provide a recommendation of a Contractor to perform this work, and provide oversight and contract administration necessary to ensure adequate completion of the work. Therefore we recommend a total budget including contingencies be provided in the amount of \$100,000 to complete the total work effort for the 2015 Road Crack Sealing Program.

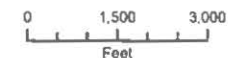
Please see our attachment to this Memo which also provides the location of the sites mentioned above for reference purposes. Once you have had a chance to review this information, please let us know if you would like to proceed with this work, and we can provide a more detailed scope of work for your approval. If you have any questions or require any additional information, please do not hesitate to contact me at 734-466-4439 or george.tsakoff@ohm-advisors.com. As always, we appreciate the opportunity to provide professional services to Plymouth Township.



2015 Road Crack Sealing Program



- Legend**
- Plymouth Township Boundary
 - Subdivision Limits



1" = 3,000'

Source: Data provided by Wayne County and Plymouth Township. OHM Advisors does not warrant the accuracy of the data and/or the map. This document is intended to depict the approximate spatial location of the mapped features within the Community and all use is strictly at the user's own risk.

Coordinate System: NAD 1983 StatePlane Michigan South FIPS 2113 IntFoot

Map Published: June 10 2015



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**CHARTER TOWNSHIP OF PLYMOUTH
REQUEST FOR BOARD ACTION**

Meeting Date: June 16, 2015

ITEM: Approve new FOIA procedures, guidelines and forms to comply with amendments to Michigan's FOIA law which takes effect on July 1, 2015

ACTION: Approve

DEPARTMENT/PRESENTER(S): Nancy Conzelman, Township Clerk
Gregory Demopoulos, Assistant Township Attorney

BACKGROUND: The State amended sections 4,5,10 and 11 of the Michigan Freedom of Information Act which must be adopted by every public body prior to the effective date of July 1, 2015. Adoption of the attachments will bring the Township into conformity with the new amendments.

ATTACHMENTS: Proposed FOIA Procedures and Guidelines, Public Summary of FOIA Procedures and Guidelines, Request for Public Records Form, Notice to Extend Response Time Form, Notice of Denial Form, Detailed Cost Itemization Form, Appeal of Denial of Records Form and Appeal of Excess Fee Form

BUDGET/TIME LINE: Fee revenue will decrease as the fixed fees for record requests are eliminated as the first 14 minutes of labor is at no charge. Photocopy and media costs such as DVD are no longer fixed.

RECOMMENDATION: Approve.

PROPOSED MOTION: Move to adopt the proposed FOIA Procedures and Guidelines, Public Summary of FOIA Procedures and Guidelines, Request for Public Records Form, Notice to Extend Response Time Form, Notice of Denial Form, Detailed Cost Itemization Form, Appeal of Denial of Records Form and Appeal of Excess Fee Form

RECOMMENDATION: Moved by: _____ Seconded by: _____

VOTE: ____ KA ____ CC ____ MK ____ RD ____ RE ____ NC ____ SP

MOTION CARRIED _____ MOTION DEFEATED _____

Charter Township of Plymouth

Public Summary of FOIA Procedures and Guidelines

It is the public policy of this state that all persons
(except those persons incarcerated in state or local correctional facilities)
are entitled to full and complete information regarding the affairs of government and
the official acts of those who represent them as public officials and public employees.

The people shall be informed so that they may fully participate in the democratic process.

Consistent with the Michigan Freedom of Information Act (FOIA), Public Act 442 of 1976, the following is the Written Public Summary of the Township's FOIA Procedures and Guidelines relevant to the general public.

This is only a summary of the Township's FOIA Procedures and Guidelines. For more details and information, copies of the Township's FOIA Procedures and Guidelines are available at no charge at any Township office and on the Township's website: <http://www.plymouthtpw.org/>

1. How do I submit a FOIA request to the Township?

- A request must sufficiently describe a public record so as to enable the Township to find it.
- Please include the words "FOIA" or "FOIA Request" in the request to assist the Township in providing a prompt response.
- Requests to inspect or obtain copies of public records prepared, owned, used, possessed or retained by the Township may be submitted on the Township's FOIA Request Form, in any other form of writing (letter, fax, email, etc.), or by verbal request.
- Any verbal request will be documented by the Township on the Township's FOIA Request Form.
- No specific form to submit a written request is required. However a FOIA Request Form and other FOIA-related forms are available for your use and convenience on the Township's website at www.plymouthtpw.org or at Plymouth Township Hall, 9955 N Haggerty Rd, Plymouth, MI 48170-4673.
- Written requests may be delivered to Plymouth Township Hall in person or by mail: 9955 N Haggerty Rd, Plymouth, MI 48170-4673.
- Requests may be faxed to: (734) 454-1643. To ensure a prompt response, faxed requests should contain the term "FOIA" or "FOIA Request" on the first/cover page.
- Requests may be submitted on-line at www.plymouthtpw.org by clicking on the FOIA Request tab.

2. What kind of response can I expect to my request?

- Within 5 business days after receiving a FOIA request the Township will issue a response. If a request is received by fax or email, the request is deemed to have been received on the following business day. The Township will respond to your request in one of the following ways:
 - - Grant the request,
 - Issue a written notice denying the request,
 - Grant the request in part and issue a written notice denying in part the request,
 - Issue a notice indicating that due to the nature of the request the Township needs an additional 10 business days to respond, or
 - Issue a written notice indicating that the public record requested is available at no charge on the Township's website
- If the request is granted, or granted in part, the Township will ask that payment be made for the allowable fees associated with responding to the request before the public record is made available.
- If the cost of processing the request is expected to exceed \$50, or if you have not paid for a previously granted request, the Township will require a deposit before processing the request.

3. What are the Township's deposit requirements?

- If the Township has made a good faith calculation that the total fee for processing the request will exceed \$50.00, the Township will require that you provide a deposit in the amount of 50% of the total estimated fee. When the Township requests the deposit, it will provide you a non-binding best efforts estimate of how long it will take to process the request after you have paid your deposit.
- If the Township receives a request from a person who has not paid the Township for copies of public records made in fulfillment of a previously granted written request, the Township will require a deposit of 100% of the estimated processing fee before it begins to search for the public record for any subsequent written request when all of the following conditions exist:
 - The final fee for the prior written request is not more than 105% of the estimated fee;
 - The public records made available contained the information sought in the prior written request and remain in the Township's possession;
 - The public records were made available to the individual, subject to payment, within the best effort time frame estimated by the Township to provide the records;
 - Ninety (90) days have passed since the Township notified the individual in writing that the public records were available for pickup or mailing;
 - The individual is unable to show proof of prior payment to the Township; and
 - The Township has calculated an estimated detailed itemization that is the basis for the current written request's increased fee deposit.
- The Township will not require the 100% estimated fee deposit if any of the following apply:
 - The person making the request is able to show proof of prior payment in full to the Township;
 - The Township is subsequently paid in full for all applicable prior written requests; or
 - Three hundred sixty five (365) days have passed since the person made the request for which full payment was not remitted to the Township.

4. How does the Township calculate FOIA processing fees?

The Michigan FOIA statute permits the Township to charge for the following costs associated with processing a request:

- Labor costs associated with copying or duplication, which includes making paper copies, making digital copies, or transferring digital public records to non-paper physical media or through the Internet.
- Labor costs associated with searching for, locating and examining a requested public record, when failure to charge a fee will result in unreasonably high costs to the Township.
- Labor costs associated with a review of a record to separate and delete information exempt from disclosure, when failure to charge a fee will result in unreasonably high costs to the Township.
- The cost of copying or duplication, not including labor, of paper copies of public records. This may include the cost for copies of records already on the township's website if you ask for the township to make copies.
- The cost of computer discs, computer tapes or other digital or similar media when the requester asks for records in non-paper physical media. This may include the cost for copies of records already on the township's website if you ask for the township to make copies.
- The cost to mail or send a public record to a requestor.

Labor Costs

- All labor costs will be estimated and charged in 15-minute increments, with all partial time increments rounded down. If the time involved is less than 15 minutes, there will be no charge.
- Labor costs will be charged at the hourly wage of the lowest-paid Township employee capable of doing the work in the specific fee category, regardless of who actually performs work.
- Labor costs will also include a charge to cover or partially cover the cost of fringe benefits. Township may add up to 50% to the applicable labor charge amount to cover or partially cover the cost of fringe benefits, but in no case may it exceed the actual cost of fringe benefits.
- Overtime wages will not be included in labor costs unless agreed to by the requestor; overtime costs will not be used to calculate the fringe benefit cost.
- Contracted labor costs will be charged at the hourly rate of \$48.90 (6 times the state minimum hourly wage as of July 1, 2015, subject to change)

A labor cost will not be charged for the search, examination, review and the deletion and separation of exempt from nonexempt information unless failure to charge a fee would result in unreasonably high costs to the Township. Costs are unreasonably high when they are excessive and beyond the normal or usual amount for those services compared to the Township's usual FOIA requests, because of the nature of the request in the particular instance. The Township must specifically identify the nature of the unreasonably high costs in writing.

Copying and Duplication

The Township must use the most economical method for making copies of public records, including using double-sided printing, if cost-saving and available.

Non-paper Copies on Physical Media

- The cost for records provided on non-paper physical media, such as computer discs, computer tapes or other digital or similar media will be at the actual and most reasonably economical cost for the non-paper media.
- This cost will be charged only if the Township has the technological capability necessary to provide the public record in the requested non-paper physical media format.

Paper Copies

- Paper copies of public records made on standard letter (8 ½ x 11) or legal (8 ½ x 14) sized paper will not exceed \$.10 per sheet of paper.
- Copies for non-standard sized sheets will paper will reflect the actual cost of reproduction.

Mailing Costs

- The cost to mail public records will use a reasonably economical and justified means.
- The Township may charge for the least expensive form of postal delivery confirmation.
- No cost will be made for expedited shipping or insurance unless you request it.

Waiver of Fees

The cost of the search for and copying of a public record may be waived or reduced if in the sole judgment of the FOIA Coordinator a waiver or reduced fee is in the public interest because it can be considered as primarily benefitting the general public. The township board may identify specific records or types of records it deems should be made available for no charge or at a reduced cost.

5. How do I qualify for an indigence discount on the fee?

The Township will discount the first \$20.00 of fees for a request if you submit an affidavit stating that you are:

- Indigent and receiving specific public assistance; or
- If not receiving public assistance, stating facts demonstrating an inability to pay because of indigence.

You are not eligible to receive the \$20.00 discount if you:

- Have previously received discounted copies of public records from the Township twice during the calendar year; or

- Are requesting information on behalf of other persons who are offering or providing payment to you to make the request.

An affidavit is sworn statement. For your convenience, the Township has provided an Affidavit of Indigence for the waiver of FOIA fees on the back of the Township FOIA Request Form, which is available on the Township's website: <http://www.plymouthtp.org/>

6. May a nonprofit organization receive a discount on the fee?

A nonprofit organization advocating for developmentally disabled or mentally ill individuals that is formally designated by the state to carry out activities under subtitle C of the federal developmental disabilities assistance and bill of rights act of 2000, Public Law 106-402, and the protection and advocacy for individuals with mental illness act, Public Law 99-319, may receive a \$20.00 discount if the request meets all of the following requirements in the Act:

- Is made directly on behalf of the organization or its clients.
- Is made for a reason wholly consistent with the mission and provisions of those laws under section 931 of the mental health code, 1974 PA 258, MCL 330.1931.
- Is accompanied by documentation of its designation by the state, if requested by the public body.6.

How may I challenge the denial of a public record or an excessive fee?

Appeal of a Denial of a Public Record

If you believe that all or a portion of a public record has not been disclosed or has been improperly exempted from disclosure, you may appeal to the Township Board by filing a written appeal of the denial with the office of the Township Supervisor (or "clerk" or "FOIA Coordinator," etc.).

The appeal must be in writing, specifically state the word "appeal," and identify the reason or reasons you are seeking a reversal of the denial. You may use the Township FOIA Appeal Form (To Appeal a Denial of Records), which is available on the Township's website: <http://www.plymouthtp.org/>

Within 10 business days of receiving the appeal the Township Board will respond in writing by:

- Reversing the disclosure denial;
- Upholding the disclosure denial; or
- Reverse the disclosure denial in part and uphold the disclosure denial in part.

Whether or not you submitted an appeal of a denial to the Township Board, you may file a civil action in Wayne County Circuit Court within 180 days after the Township's final determination to deny your request. If you prevail in the civil action the court will award you reasonable attorneys' fees, costs and disbursements. If the court determines that the Township acted arbitrarily and capriciously in refusing to disclose or provide a public record, the court shall award you damages in the amount of \$1,000.

Appeal of an Excess FOIA Processing Fee

If you believe that the fee charged by the Township to process your FOIA request exceeds the amount permitted by state law, you must first appeal to the Township Board by filing a written appeal for a fee reduction to the office of the Township Supervisor (or "clerk" or "FOIA Coordinator," etc.).

The appeal must specifically state the word "appeal" and identify how the required fee exceeds the amount permitted. You may use the Township FOIA Appeal Form (To Appeal an Excess Fee), which is available at the Township Hall and on the Township's website: <http://www.plymouthtp.org/>

Within 10 business days after receiving the appeal, the Township Board will respond in writing by:

- Waiving the fee;
- Reducing the fee and issue a written determination indicating the specific basis that supports the remaining fee;
- Upholding the fee and issue a written determination indicating the specific basis that supports the required fee; or
- Issuing a notice detailing the reason or reasons for extending for not more than 10 business days the period during which the Township Board will respond to the written appeal.

Within 45 days after receiving notice of the Township Board's determination of the processing fee appeal, you may commence a civil action in Wayne County Circuit Court for a fee reduction. If you prevail in the civil action by receiving a reduction of 50% or more of the total fee, the court may award all or appropriate amount of reasonable attorneys' fees, costs and disbursements. If the court determines that the Township acted arbitrarily and capriciously by charging an excessive fee, court may also award you punitive damages in the amount of \$500.

Charter Township of Plymouth
9955 N Haggerty Rd
Plymouth MI 48170
Phone (734) 354-3224 Fax (734) 454-1643

FOIA Procedures and Guidelines

Preamble: Statement of Principles

It is the policy of Charter Township of Plymouth that all persons, except those incarcerated, consistent with the Michigan Freedom of Information Act (FOIA), are entitled to full and complete information regarding the affairs of government and the official acts of those who represent them as public officials and employees. The people shall be informed so that they fully participate in the democratic process.

The Township's policy with respect to FOIA requests is to comply with State law in all respects and to respond to FOIA requests in a consistent, fair, and even-handed manner regardless of who makes such a request.

The Township acknowledges that it has a legal obligation to disclose all nonexempt public records in its possession pursuant to a FOIA request. The Township acknowledges that sometimes it is necessary to invoke the exemptions identified under FOIA in order to ensure the effective operation of government and to protect the privacy of individuals.

The Charter Township of Plymouth will protect the public's interest in disclosure, while balancing the requirement to withhold or redact portions of certain records. The Township's policy is to disclose public records consistent with and in compliance with State law.

The Township Board has established the following written procedures and guidelines to implement the FOIA and will create a written public summary of the specific procedures and guidelines relevant to the general public regarding how to submit written requests to the public body and explaining how to understand a public body's written responses, deposit requirements, fee calculations, and avenues for challenge and appeal. The written public summary will be written in a manner so as to be easily understood by the general public.

Section 1: General Policies

The Township Board, acting pursuant to the authority at MCL 15.236, designates the Township Clerk as the FOIA Coordinator. He or she is authorized to designate other Township staff to act on his or her behalf to accept and process written requests for the Township's public records and approve denials.

If a request for a public record is received by fax or email, the request is deemed to have been received on the following business day. If a request is sent by email and delivered to a Township spam or junk-mail folder, the request is not deemed received until one day after the FOIA Coordinator first becomes aware of the request. The FOIA Coordinator shall note in the FOIA log both the date the request was delivered to the spam or junk-mail folder and the date the FOIA Coordinator became aware of the request.

The FOIA Coordinator shall review Township spam and junk-mail folders on a regular basis, which shall be no less than once a month. The FOIA Coordinator shall work with Township Information Technology staff to develop administrative rules for handling spam and junk-mail so as to protect Township systems from computer attacks which may be imbedded in an electronic FOIA request.

The FOIA Coordinator may, in his or her discretion, implement administrative rules, consistent with State law and these Procedures and Guidelines to administer the acceptance and processing of FOIA requests.

The Township is not obligated to create a new public record or make a compilation or summary of information which does not already exist. Neither the FOIA Coordinator nor other Township staff are obligated to provide answers to questions contained in requests for public records or regarding the content of the records themselves.

The FOIA Coordinator shall keep a copy of all written requests for public records received by the Township on file for a period of at least one year.

The Township will make this Procedures and Guidelines document and the Written Public Summary publicly available without charge. If it does not, the Township cannot require deposits or charge fees otherwise permitted under the FOIA until it is in compliance.

A copy of this Procedures and Guidelines document and the Township's Written Public Summary must be publicly available by providing free copies both in the Township's response to a written request and upon request by visitors at the Township's office.

This Procedures and Guidelines document and the Township's Written Public Summary will be maintained on the Township's website at: <http://www.plymouthtp.org/>, a link to those documents will be provided in lieu of providing paper copies of those documents.

Section 2: Requesting a Public Record

No specific form to submit a request for a public record is required. However the FOIA Coordinator may make available a FOIA Request Form for use by the public.

Requests to inspect or obtain copies of public records prepared, owned, used, possessed or retained by the Township may be submitted on the Township's FOIA Request Form, in any other form of writing (letter, fax, email, etc.), or by verbal request.

Verbal requests for records may be documented by the Township on the Township's FOIA Request Form.

If a person makes a verbal, non-written request for information believed to be available on the Township's website, where practicable and to the best ability of the employee receiving the request, shall be informed of the pertinent website address.

A request must sufficiently describe a public record so as to enable Township personnel to identify and find the requested public record.

Written requests for public records may be submitted in person or by mail to any Township office. Requests may also be submitted electronically by fax and email. Upon their receipt, requests for public records shall be promptly forwarded to the FOIA Coordinator for processing.

A person may request that public records be provided on non-paper physical media, emailed or other otherwise provided to him or her in digital form in lieu of paper copies. The Township will comply with the request only if it possesses the necessary technological capability to provide records in the requested non-paper physical media format.

A person may subscribe to future issues of public records that are created, issued or disseminated by the Charter Township of Plymouth on a regular basis. A subscription is valid for up to 6 months and may be renewed by the subscriber.

A person serving a sentence of imprisonment in a local, state or federal correctional facility is not entitled to submit a request for a public record. The FOIA Coordinator will deny all such requests.

Section 3: Processing a Request

Unless otherwise agreed to in writing by the person making the request, the Township will issue a response within 5 business days of receipt of a FOIA request. If a request is received by fax, email or other electronic transmission, the request is deemed to have been received on the following business day.

The Township will respond to a request in one of the following ways:

- Grant the request.
- Issue a written notice denying the request.
- Grant the request in part and issue a written notice denying in part the request.
- Issue a notice indicating that due to the nature of the request the Township needs an additional 10 business days to respond for a total of no more than 15 business days. Only one such extension is permitted.
- Issue a written notice indicating that the public record requested is available at no charge on the Township's website.

When a request is granted:

If the request is granted, or granted in part, the FOIA Coordinator will require that payment be made in full for the allowable fees associated with responding to the request before the public record is made available.

The FOIA Coordinator shall provide a detailed itemization of the allowable costs incurred to process the request to the person making the request.

A copy of these Procedures and Guidelines and the Written Public Summary will be provided to the requestor free of charge with the response to a written request for public records*, provided however, that because these Procedures and Guidelines, and the Written Public Summary are maintained on the Township's website at: <http://www.plymouthtp.org/>, a link to the Procedures and Guidelines and the Written Public Summary will be provided in lieu of providing paper copies of those documents. If the cost of processing a FOIA request is \$50 or less, the requester will be notified of the amount due and where the documents can be obtained.

If the cost of processing a FOIA request is expected to exceed \$50 based on a good-faith calculation, or if the requestor has not paid in full for a previously granted request, the Township will require a good-faith deposit pursuant to Section 4 of this policy before processing the request.

In making the request for a good-faith deposit the FOIA Coordinator shall provide the requestor with a detailed itemization of the allowable costs estimated to be incurred by the Township to process the request and also provide a best efforts estimate of a time frame it will take the Township to provide the records to the requestor. The best efforts estimate shall be nonbinding on the Township, but will be made in good faith and will strive to be reasonably accurate, given the nature of the request in the particular instance, so as to provide the requested records in a manner based on the public policy expressed by Section 1 of the FOIA.

When a request is denied or denied in part:

If the request is denied or denied in part, the FOIA Coordinator will issue a Notice of Denial which shall provide in the applicable circumstance:

- An explanation as to why a requested public record is exempt from disclosure; or
- A certificate that the requested record does not exist under the name or description provided by the requestor, or another name reasonably known by the Township; or
- An explanation or description of the public record or information within a public record that is separated or deleted from the public record; and
- An explanation of the person's right to submit an appeal of the denial to either the office of the Township Supervisor (or "clerk," or "manager" etc.) or seek judicial review in the Wayne County Circuit Court;
- An explanation of the right to receive attorneys' fees, costs, and disbursements as well actual or compensatory damages, and punitive damages of \$1,000, should they prevail in Circuit Court.
- The Notice of Denial shall be signed by the FOIA Coordinator.

If a request does not sufficiently describe a public record, the FOIA Coordinator may, in lieu of issuing a Notice of Denial indicating that the request is deficient, seek clarification or amendment of the request by the person making the request. Any clarification or amendment will be considered a new request subject to the timelines described in this Section.

Requests to inspect public records:

The Township shall provide reasonable facilities and opportunities for persons to examine and inspect public records during normal business hours. The FOIA Coordinator is authorized to promulgate rules regulating the manner in which records may be viewed so as to protect Township records from loss, alteration, mutilation or destruction and to prevent excessive interference with normal Township operations.

Requests for certified copies:

The FOIA Coordinator shall, upon written request, furnish a certified copy of a public record at no additional cost to the person requesting the public record.

Section 4: Fee Deposits

If the fee estimate is expected to exceed \$50.00 based on a good-faith calculation, the requestor will be asked to provide a deposit not exceeding one-half of the total estimated fee.

If a request for public records is from a person who has not paid the Township in full for copies of public records made in fulfillment of a previously granted written request, the FOIA Coordinator will require a deposit of 100% of the estimated processing fee before beginning to search for a public record for any subsequent written request by that person when all of the following conditions exist:

- The final fee for the prior written request is not more than 105% of the estimated fee;
- The public records made available contained the information sought in the prior written request and remain in the Township's possession;
- The public records were made available to the individual, subject to payment, within the time frame estimated by the Township to provide the records;
- Ninety (90) days have passed since the FOIA Coordinator notified the individual in writing that the public records were available for pickup or mailing;
- The individual is unable to show proof of prior payment to the Township; and
- The FOIA Coordinator has calculated a detailed itemization that is the basis for the current written request's increased estimated fee deposit.

The FOIA Coordinator will not require an increased estimated fee deposit if any of the following apply:

- The person making the request is able to show proof of prior payment in full to the Township;
- The Township is subsequently paid in full for the applicable prior written request; or
- Three hundred sixty five (365) days have passed since the person made the request for which full payment was not remitted to the Township.

Section 5: Calculation of Fees

A fee may be charged for the labor cost of copying/duplication.

A fee will **not** be charged for the labor cost of search, examination, review and the deletion and separation of exempt from nonexempt information **unless** failure to charge a fee would result in unreasonably high costs to the Township because of the nature of the request in the particular instance, and the Township specifically identifies the nature of the unreasonably high costs.

Costs for the search, examination review, and deletion and separation of exempt from non-exempt information are "unreasonably high" when they are excessive and beyond the normal or usual amount for those services (Attorney General Opinion 7083 of 2001) compared to the costs of the township's usual FOIA requests, not compared to the township's operating budget. (*Bloch v. Davison Community Schools*, Michigan Court of Appeals, Unpublished, April 26, 2011)

The following factors shall be used to determine an unreasonably high cost to the Township:

- Volume of the public record requested
- Amount of time spent to search for, examine, review and separate exempt from non-exempt information in the record requested.
- Whether the public records are from more than one Township department or whether various Township offices are necessary to respond to the request.
- The available staffing to respond to the request.
- Any other similar factors identified by the FOIA Coordinator in responding to the particular request.

The Michigan FOIA statute permits the Township to charge for the following costs associated with processing a request:

- Labor costs associated with copying or duplication, which includes making paper copies, making digital copies, or transferring digital public records to non-paper physical media or through the Internet.
- Labor costs associated with searching for, locating and examining a requested public record, when failure to charge a fee will result in unreasonably high costs to the Township.
- Labor costs associated with a review of a record to separate and delete information exempt from disclosure, when failure to charge a fee will result in unreasonably high costs to the Township.
- The cost of copying or duplication, not including labor, of paper copies of public records. This may include the cost for copies of records already on the township's website if you ask for the township to make copies.
- The cost of computer discs, computer tapes or other digital or similar media when the requester asks for records in non-paper physical media. This may include the cost for copies of records already on the township's website if you ask for the township to make copies.
- The cost to mail or send a public record to a requestor.

Labor costs will be calculated based on the following requirements:

- All labor costs will be estimated and charged in 15-minute increments, with all partial time increments rounded down. If the time involved is less than 15 minutes, there will be no charge.

- Labor costs will be charged at the hourly wage of the lowest-paid Township employee capable of doing the work in the specific fee category, regardless of who actually performs work.
- Labor costs will also include a charge to cover or partially cover the cost of fringe benefits.
- The Township may add up to 50% to the applicable labor charge amount to cover or partially cover the cost of fringe benefits, but in no case may it exceed the actual cost of fringe benefits.
- Overtime wages will not be included in labor costs unless agreed to by the requestor; overtime costs will not be used to calculate the fringe benefit cost.
- Contracted labor costs will be charged at the hourly rate of 6 times the state minimum hourly wage.

The cost to provide records on non-paper physical media when so requested will be based on the following requirements:

- Computer disks, computer tapes or other digital or similar media will be at the actual and most reasonably economical cost for the non-paper media.
- This cost will only be assessed if the Township has the technological capability necessary to provide the public record in the requested non-paper physical media format.
- The Township will procure any non-paper media and will not accept media from the requestor in order to ensure integrity of the Township's technology infrastructure.

The cost to provide paper copies of records will be based on the following requirements:

- Paper copies of public records made on standard letter (8 ½ x 11) or legal (8 ½ x 14) sized paper will not exceed \$.10 per sheet of paper. Copies for non-standard sized sheets of paper will reflect the actual cost of reproduction.
- The Township will provide records using double-sided printing, if it is cost-saving and available.

The cost to mail records to a requestor will be based on the following requirements:

- The actual cost to mail public records using a reasonably economical and justified means.
- The Township may charge for the least expensive form of postal delivery confirmation.
- No cost will be made for expedited shipping or insurance unless specified by the requestor.

If the FOIA Coordinator does not respond to a written request in a timely manner, the Township must:

- Reduce the labor costs by 5% for each day the Township exceeds the time permitted under FOIA up to a 50% maximum reduction, if *any* of the following applies:
 - The Township's late response was willful and intentional,
 - The written request conveyed a request for information within the first 250 words of the body of a letter facsimile, email or email attachment, or
 - The written request included the words, characters, or abbreviations for "freedom of information," "information," "FOIA," "copy" or a recognizable misspelling of such, or legal code reference to MCL 15. 231, et seq. or 1976 Public Act 442 on the front of an envelope or in the subject line of an email, letter or facsimile cover page.
- Fully note the charge reduction in the Detailed Itemization of Costs Form.

Section 6: Waiver of Fees

The cost of the search for and copying of a public record may be waived or reduced if in the sole judgment of the FOIA Coordinator a waiver or reduced fee is in the public interest because it can be considered as primarily benefitting the general public. The township board may identify specific records or types of records it deems should be made available for no charge or at a reduced cost.

Section 7: Discounted Fees

Indigence

The FOIA Coordinator will discount the first \$20.00 of the processing fee for a request if the person requesting a public record submits an affidavit stating that they are:

- Indigent and receiving specific public assistance, or
- If not receiving public assistance, stating facts demonstrating an inability to pay because of indigence.

An individual is not eligible to receive the waiver if:

- The requestor has previously received discounted copies of public records from the Township twice during the calendar year; or
- The requestor requests information in connection with other persons who are offering or providing payment to make the request.

An affidavit is sworn statement. The FOIA Coordinator may make a Fee Waiver Affidavit Form available for use by the public.

Nonprofit organization advocating for developmentally disabled or mentally ill individuals

The FOIA Coordinator will discount the first \$20.00 of the processing fee for a request from:

- A nonprofit organization formally designated by the state to carry out activities under subtitle C of the federal developmental disabilities assistance and bill of rights act of 2000, Public Law 106-402, and the protection and advocacy for individuals with mental illness act, Public Law 99-319, or their successors, if the request meets all of the following requirements:
 - Is made directly on behalf of the organization or its clients.
 - Is made for a reason wholly consistent with the mission and provisions of those laws under section 931 of the mental health code, 1974 PA 258, MCL 330.1931.
 - Is accompanied by documentation of its designation by the state, if requested by the public body.

Section 8: Appeal of a Denial of a Public Record

When a requestor believes that all or a portion of a public record has not been disclosed or has been improperly exempted from disclosure, he or she may appeal to the Township Board by filing an appeal of the denial with the office of the Township Supervisor (or "clerk" or "FOIA Coordinator," etc.).

The appeal must be in writing, specifically state the word "appeal" and identify the reason or reasons the requestor is seeking a reversal of the denial. The Township FOIA Appeal Form (To Appeal a Denial of Records), may be used.

The Township Board is not considered to have received a written appeal until the first regularly scheduled Township Board meeting following submission of the written appeal.

Within 10 business days of receiving the appeal the Township Board will respond in writing by:

- Reversing the disclosure denial;
- Upholding the disclosure denial; or
- Reverse the disclosure denial in part and uphold the disclosure denial in part; or

- Under unusual circumstances, issue a notice extending for not more than 10 business days the period during which the Township Board shall respond to the written appeal. The Township Board shall not issue more than 1 notice of extension for a particular written appeal.

If the Township Board fails to respond to a written appeal, or if the Township Board upholds all or a portion of the disclosure denial that is the subject of the written appeal, the requesting person may seek judicial review of the nondisclosure by commencing a civil action in Circuit Court.

Whether or not a requestor submitted an appeal of a denial to the Township Board, he or she may file a civil action in Wayne County Circuit Court within 180 days after the Township's final determination to deny the request.

If a court that determines a public record is not exempt from disclosure, it shall order the Township to cease withholding or to produce all or a portion of a public record wrongfully withheld, regardless of the location of the public record. Failure to comply with an order of the court may be punished as contempt of court.

If a person asserting the right to inspect, copy, or receive a copy of all or a portion of a public record prevails in such an action, the court shall award reasonable attorneys' fees, costs, and disbursements. If the person or Township prevails in part, the court may, in its discretion, award all or an appropriate portion of reasonable attorneys' fees, costs, and disbursements.

If the court determines that the Township has arbitrarily and capriciously violated this act by refusal or delay in disclosing or providing copies of a public record, the court shall order the Township to pay a civil fine of \$1,000.00, which shall be deposited into the general fund of the state treasury. The court shall award, in addition to any actual or compensatory damages, punitive damages in the amount of \$1,000.00 to the person seeking the right to inspect or receive a copy of a public record. The damages shall not be assessed against an individual, but shall be assessed against the next succeeding public body that is not an individual and that kept or maintained the public record as part of its public function.

Section 9: Appeal of an Excessive FOIA Processing Fee

"Fee" means the total fee or any component of the total fee calculated under section 4 of the FOIA, including any deposit.

If a requestor believes that the fee charged by the Township to process a FOIA request exceeds the amount permitted by state law or under this policy, he or she must first appeal to the Township Board by submitting a written appeal for a fee reduction to the office of the Township Supervisor (or "clerk" or "FOIA Coordinator," etc.).

The appeal must be in writing, specifically state the word "appeal" and identify how the required fee exceeds the amount permitted. The Township FOIA Appeal Form (To Appeal an Excess Fee) may be used.

The Township Board is not considered to have received a written appeal until the first regularly scheduled Township Board meeting following submission of the written appeal.

Within 10 business days after receiving the appeal, the Township Board will respond in writing by:

- Waiving the fee;
- Reducing the fee and issuing a written determination indicating the specific basis that supports the remaining fee;
- Upholding the fee and issuing a written determination indicating the specific basis that supports the required fee; or
- Issuing a notice detailing the reason or reasons for extending for not more than 10 business days the period during which the Township Board will respond to the written appeal. The Township Board shall not issue more than 1 notice of extension for a particular written appeal.

Where the Township Board reduces or upholds the fee, the determination must include a certification from the Township Board that the statements in the determination are accurate and that the reduced fee amount complies with its publicly available procedures and guidelines and Section 4 of the FOIA.

Within 45 days after receiving notice of the Township Board's determination of an appeal, the requesting person may commence a civil action in Wayne County Circuit Court for a fee reduction.

If a civil action is commenced against the Township for an excess fee, the Township is not obligated to complete the processing of the written request for the public record at issue until the court resolves the fee dispute.

An action shall not be filed in circuit court unless **one** of the following applies:

- The Township does not provide for appeals of fees,
- The Township Board failed to respond to a written appeal as required, or
- The Township Board issued a determination to a written appeal.

If a court determines that the Township required a fee that exceeds the amount permitted under its publicly available procedures and guidelines or Section 4 of the FOIA, the court shall reduce the fee to a permissible amount. Failure to comply with an order of the court may be punished as contempt of court.

If the requesting person prevails in court by receiving a reduction of 50% or more of the total fee, the court may, in its discretion, award all or an appropriate portion of reasonable attorneys' fees, costs, and disbursements. The award shall be assessed against the public body liable for damages.

If the court determines that the Township has arbitrarily and capriciously violated the FOIA by charging an excessive fee, the court shall order the Township to pay a civil fine of \$500.00, which shall be deposited in the general fund of the state treasury. The court may also award, in addition to any actual or compensatory damages, punitive damages in the amount of \$500.00 to the person seeking the fee reduction. The fine and any damages shall not be assessed against an individual, but shall be assessed against the next succeeding public body that is not an individual and that kept or maintained the public record as part of its public function.

Section 10: Conflict with Prior FOIA Policies and Procedures; Effective Date

To the extent that these Procedures and Guidelines conflict with previous FOIA policies promulgated by Township Board or the Township Administration these Procedures and Guidelines are controlling. To the extent that any administrative rule promulgated by the FOIA Coordinator subsequent to the adoption of this resolution is found to be in conflict with any previous policy promulgated by the Township Board or the Township Administration, the administrative rule promulgated by the FOIA Coordinator is controlling.

To the extent that any provision of these Procedures and Guidelines or any administrative rule promulgated by the FOIA Coordinator pertaining to the release of public records is found to be in conflict with any State statute, the applicable statute shall control. The FOIA Coordinator is authorized to modify this policy and all previous policies adopted by the Township Board or the Township Administration, and to adopt such administrative rules as he or she may deem necessary, to facilitate the legal review and processing of requests for public records made pursuant to Michigan's FOIA statute, provided that such modifications and rules are consistent with State law. The FOIA Coordinator shall inform the Township Board of any change these Policies and Guidelines.

These FOIA Policies and Guidelines become effective July 1, 2015.

Section 11: Appendix of Charter Township of Plymouth FOIA Forms

- Request for Public Records Form
- Notice to Extend Response Time Form
- Notice of Denial Form
- Detailed Cost Itemization Form
- Appeal of Denial of Records Form
- Appeal of Excess Fee Form

Township: Keep original and provide copies of both sides of each sheet, along with Public Summary, to requestor at no charge.

Charter Township of Plymouth
 9955 N Haggerty Rd
 Plymouth MI 48170
 Phone (734) 354-3224 Fax (734) 454-1643

Detailed Cost Itemization

Freedom of Information Act Request Detailed Cost Itemization

Date: _____ Prepared for Request No.: _____ Date Request Received: _____

The following costs are being charged in compliance with Section 4 of the Michigan Freedom of Information Act, MCL 15.234, according to the township's FOIA Policies and Guidelines.

1. Labor Cost for Copying / Duplication

This is the cost of labor directly associated with duplication of publication, including making paper copies, making digital copies, or transferring digital public records to be given to the requestor on non-paper physical media or through the Internet or other electronic means as stipulated by the requestor.

This shall not be more than the hourly wage of the township's lowest-paid employee capable of necessary duplication or publication in this particular instance, regardless of whether that person is available or who actually performs the labor.

These costs will be estimated and charged in **15-minute time increments as set by the township board** (for example: 15-minutes or more); all partial time increments must be rounded down. If the number of minutes is less than one increment, there is no charge.

Hourly Wage Charged: \$ _____ Charge per increment: \$ _____

OR

Hourly Wage with Fringe Benefit Cost: \$ _____ OR

Multiply the hourly wage by the percentage multiplier: _____% (up to 50% of the hourly wage) and add to the hourly wage for a total per hour rate.

Charge per increment: \$ _____

Overtime rate charged as stipulated by Requestor (overtime is not used to calculate the fringe benefit cost)

To figure the number of increments, take the number of minutes: _____, divide by 15 minute increments, and round down. Enter below:

Number of increments _____
 x _____ = \$ _____

1. Labor Cost

2. Labor Cost to Locate:

This is the cost of labor directly associated with the necessary searching for, locating, and examining public records in conjunction with receiving and fulfilling a granted written request. **This fee is being charged because failure to do so will result in unreasonably high costs to the township that are excessive and beyond the normal or usual amount for those services compared to the township's usual FOIA requests, because of the nature of the request in this particular instance, specifically:** _____

The township will not charge more than the hourly wage of its lowest-paid employee capable of searching for, locating, and examining the public records in this particular instance, regardless of whether that person is available or who actually performs the labor.

These costs will be estimated and charged in **15-minute time increments**; all partial time increments must be rounded down. If the number of minutes is less than 15, there is no charge.

Hourly Wage Charged: \$ _____ Charge per increment: \$ _____

OR

Hourly Wage with Fringe Benefit Cost: \$ _____ OR

Multiply the hourly wage by the percentage multiplier: _____% (up to 50% of the hourly wage) and add to the hourly wage for a total per hour rate.

Charge per increment: \$ _____

Overtime rate charged as stipulated by Requestor (overtime is not used to calculate the fringe benefit cost)

To figure the number of increments, take the number of minutes: _____, divide by 15 minute increments, and round down. Enter below:

Number of increments _____
 x _____ = \$ _____

2. Labor Cost

3a. Employee Labor Cost for Separating Exempt from Non-Exempt (Redacting):

(Fill this out if using a township employee. If contracted, use No. 3b instead).

The township will not charge for labor directly associated with redaction if it knows or has reason to know that it previously redacted the record in question and still has the redacted version in its possession.

This fee is being charged because failure to do so will result in unreasonably high costs to the township that are excessive and beyond the normal or usual amount for those services compared to the township's usual FOIA requests, because of the nature of the request in this particular instance, specifically: _____

This is the cost of labor of a township employee, including necessary review, directly associated with separating and deleting exempt from nonexempt information. This shall not be more than the hourly wage of the township's lowest-paid employee capable of separating and deleting exempt from nonexempt information in this particular instance, regardless of whether that person is available or who actually performs the labor.

These costs will be estimated and charged in 15 minute time increments ; all partial time increments must be rounded down. *If the number of minutes is less than 15, there is no charge.*

Hourly Wage Charged: \$ _____

Charge per increment: \$ _____

OR

Hourly Wage with Fringe Benefit Cost: \$ _____
 Multiply the hourly wage by the percentage multiplier: _____%
 (up to 50% of the hourly wage) and add to the hourly wage for a total per hour rate.

OR

Charge per increment: \$ _____

Overtime rate charged as stipulated by Requestor (*overtime is not used to calculate the fringe benefit cost*)

To figure the number of increments, take the number of minutes: _____, divide by 15 minute increments, and round down. Enter below:

Number of increments

3a. Labor Cost

x _____ = \$ _____

3b. Contracted Labor Cost for Separating Exempt from Non-Exempt (Redacting):

(Fill this out if using a contractor, such as the attorney. If using in-house employee, use No. 3a instead.)

The township will not charge for labor directly associated with redaction if it knows or has reason to know that it previously redacted the record in question and still has the redacted version in its possession.

This fee is being charged because failure to do so will result in unreasonably high costs to the township that are excessive and beyond the normal or usual amount for those services compared to the township's usual FOIA requests, because of the nature of the request in this particular instance, specifically: _____

As this township does not employ a person capable of separating exempt from non-exempt information in this particular instance, as determined by the FOIA Coordinator, this is the cost of labor of a contractor (i.e.: outside attorney), including necessary review, directly associated with separating and deleting exempt information from nonexempt information. This shall not exceed an amount equal to 6 times the state minimum hourly wage rate of _____ (currently \$8.15).

Name of contracted person or firm: _____

These costs will be estimated and charged in a5 minute time increments ; all partial time increments must be rounded down. *If the number of minutes is less than 15, there is no charge.*

Hourly Cost Charged: \$ _____

Charge per increment: \$ _____

To figure the number of increments, take the number of minutes: _____, divide by 15 minute increments, and round down to: _____ increments. Enter below:

Number of increments

3b. Labor Cost

x _____ = \$ _____

4. Copying / Duplication Cost:

Copying costs may be charged if a copy of a public record is requested, or for the necessary copying of a record for inspection (for example, to allow for blacking out exempt information, to protect old or delicate original records, or because the original record is a digital file or database not available for public inspection).

No more than the actual cost per a sheet of paper, up to maximum 10 cents per sheet for:

- Letter (8 1/2 x 11-inch, single and double-sided): 10 cents per sheet maximum
- Legal (8 1/2 x 14-inch, single and double-sided): 10 cents per sheet maximum

No more than the actual cost of a sheet of paper for other paper sizes:

- Other paper sizes (single and double-sided): To be determined based on actual cost

Actual and most reasonably economical cost of non-paper physical digital media:

- Circle applicable: Disc / Tape / Drive / Other Digital Medium Cost per Item: _____

The cost of paper copies must be calculated as a total cost per sheet of paper. The fee cannot exceed 10 cents per sheet of paper for copies of public records made on 8-1/2- by 11-inch paper or 8-1/2- by 14-inch paper. A township must utilize the most economical means available for making copies of public records, including using double-sided printing, if cost saving and available.

Number of Sheets:

x _____ = \$ _____

x _____ = \$ _____

x _____ = \$ _____

No. of Items:

x _____ = \$ _____

Costs:

4. Total Copy Cost

\$ _____

5. Mailing Cost:

The township will charge the actual cost of mailing, if any, for sending records in a reasonably economical and justifiable manner. Delivery confirmation is not required.

- The township may charge for the least expensive form of postal delivery confirmation.
- The township cannot charge more for expedited shipping or insurance unless specifically requested by the requestor.*

Actual Cost of Envelope or Packaging: \$ _____

Actual Cost of Postage: \$ _____ per stamp
 \$ _____ per pound
 \$ _____ per package

Actual Cost (least expensive) Postal Delivery Confirmation: \$ _____

*Expedited Shipping or Insurance as Requested: \$ _____

Number of Envelopes or Packages:

x _____ = \$ _____

x _____ = \$ _____

x _____ = \$ _____

x _____ = \$ _____

x _____ = \$ _____

x _____ = \$ _____

Costs:

5. Total Mailing Cost

\$ _____

* Requestor has requested expedited shipping or insurance

6a. Copying/Duplicating Cost for Records Already on Township's Website:

If the public body has included the website address for a record in its written response to the requestor, and the requestor thereafter stipulates that the public record be provided to him or her in a paper format or non-paper physical digital media, the township will provide the public records in the specified format and may charge copying costs to provide those copies.

No more than the actual cost of a sheet of paper, up to maximum 10 cents per sheet for:

- Letter (8 1/2 x 11-inch, single and double-sided): 10 cents per sheet maximum
- Legal (8 1/2 x 14-inch, single and double-sided): 10 cents per sheet maximum

No more than the actual cost of a sheet of paper for other paper sizes:

- Other paper sizes (single and double-sided): _____ cents / dollars per sheet

Actual and most reasonably economical cost of non-paper physical digital media:

- *Circle applicable:* Disc / Tape / Drive / Other Digital Medium Cost per Item: _____

Requestor has stipulated that some / all of the requested records that are already available on the township's website be provided in a paper or non-paper physical digital medium.

Number of Sheets:

x _____ = \$ _____
x _____ = \$ _____

Costs:

x _____ = \$ _____

No. of Items:

x _____ = \$ _____

6a. Web Copy Cost
\$ _____

6b. Labor Cost for Copying/Duplicating Records Already on Township's Website:

This shall not be more than the hourly wage of the township's lowest-paid employee capable of necessary duplication or publication in this particular instance, regardless of whether that person is available or who actually performs the labor. These costs will be estimated and charged in 15 minute time increments ; all partial time increments must be rounded down. *If the number of minutes is less than 15, there is no charge.*

Hourly Wage Charged: \$ _____

Charge per increment: \$ _____

OR

Hourly Wage with Fringe Benefit Cost: \$ _____

OR

Multiply the hourly wage by the percentage multiplier: _____ %
and add to the hourly wage for a total per hour rate.

Charge per increment: \$ _____

The township may use a fringe benefit multiplier greater than the 50% limitation, not to exceed the actual costs of providing the information in the specified format.

Overtime rate charged as stipulated by Requestor

To figure the number of increments, take the number of minutes: _____, divide by 15 minute increments, and round down. Enter below:

Number of increments

x _____ = \$ _____

6b. Web Labor Cost

6c. Mailing Cost for Records Already on Township's Website:

Actual Cost of Envelope or Packaging: \$ _____

Actual Cost of Postage: \$ _____ per stamp / per pound / per package

Actual Cost (least expensive) Postal Delivery Confirmation: \$ _____

*Expedited Shipping or Insurance as Requested: \$ _____

* Requestor has requested expedited shipping or insurance

Number:

x _____ = \$ _____

Costs:

x _____ = \$ _____

x _____ = \$ _____

x _____ = \$ _____

6c. Web Mailing Cost
\$ _____

Subtotal Fees Before Waivers, Discounts or Deposits:

- Cost estimate
 Bill

1. Labor Cost for Copying: \$ _____
 2. Labor Cost to Locate: \$ _____
 3a. Labor Cost to Redact: \$ _____
 3b. Contract Labor Cost to Redact: \$ _____
 4. Copying/Duplication Cost: \$ _____
 5. Mailing Cost: \$ _____
 6a. Copying/Duplication of Records on Website: \$ _____
 6b. Labor Cost for Copying Records on Website: \$ _____
 6c. Mailing Costs for Records on Website: \$ _____

Estimated Time Frame to Provide Records:

_____ (days or date)

The time frame estimate is nonbinding upon the township, but the township is providing the estimate in good faith. Providing an estimated time frame does not relieve the township from any of the other requirements of this act.

Subtotal Fees: \$ _____

Waiver: Public Interest

A search for a public record may be conducted or copies of public records may be furnished without charge or at a reduced charge if the township determines that a waiver or reduction of the fee is in the public interest because searching for or furnishing copies of the public record can be considered as primarily benefiting the general public.

- All fees are waived **OR** All fees are reduced by: _____%

Subtotal Fees After Waiver: \$ _____

Discount: Indigence

A public record search **must** be made and a copy of a public record **must** be furnished **without charge** for the **first \$20.00 of the fee** for each request by an individual who is entitled to information under this act and who:

- 1) Submits an affidavit stating that the individual is indigent and receiving specific public assistance, **OR**
 2) If not receiving public assistance, stating facts showing inability to pay the cost because of indigence.

If a requestor is ineligible for the discount, the public body shall inform the requestor specifically of the reason for ineligibility in the public body's written response. An individual is ineligible for this fee reduction if **ANY** of the following apply:

(i) The individual has previously received discounted copies of public records from the same public body twice during that calendar year, **OR**

(ii) The individual requests the information in conjunction with outside parties who are offering or providing payment or other remuneration to the individual to make the request. A public body may require a statement by the requestor in the affidavit that the request is not being made in conjunction with outside parties in exchange for payment or other remuneration.

- Eligible for Indigence Discount

Subtotal Fees After Discount (subtract \$20): \$ _____

Discount: Nonprofit Organization

A public record search **must** be made and a copy of a public record **must** be furnished **without charge** for the **first \$20.00 of the fee** for each request by a nonprofit organization formally designated by the state to carry out activities under subtitle C of the federal Developmental Disabilities Assistance and Bill of Rights Act of 2000 and the federal Protection and Advocacy for Individuals with Mental Illness Act, if the request meets **ALL** of the following requirements:

- (i) Is made directly on behalf of the organization or its clients.
 (ii) Is made for a reason wholly consistent with the mission and provisions of those laws under section 931 of the Michigan Mental Health Code, 1974 PA 258, MCL 330.1931.
 (iii) Is accompanied by documentation of its designation by the state, if requested by the township.

- Eligible for Nonprofit Discount

Subtotal Fees After Discount (subtract \$20): \$ _____

<p>Deposit: Good Faith The township may require a good-faith deposit <u>before providing the public records to the requestor if the entire fee estimate or charge authorized under this section exceeds \$50.00</u>, based on a good-faith calculation of the total fee. The deposit cannot exceed 1/2 of the total estimated fee. Percent of Deposit: _____ %</p>	<p>Date Paid: _____</p>	<p>Deposit Amount Required: \$ _____</p>
<p>Deposit: Increased Deposit Due to Previous FOIA Fees Not Paid In Full After a township has granted and fulfilled a written request from an individual under this act, if the township has not been paid in full the total amount of fees for the copies of public records that the township made available to the individual as a result of that written request, the township may require an increased estimated fee deposit of up to 100% of the estimated fee before it begins a full public record search for any subsequent written request from that individual if ALL of the following apply:</p> <p>(a) The final fee for the prior written request was not more than 105% of the estimated fee. (b) The public records made available contained the information being sought in the prior written request and are still in the township's possession. (c) The public records were made available to the individual, subject to payment, within the best effort estimated time frame given for the previous request. (d) Ninety (90) days have passed since the township notified the individual in writing that the public records were available for pickup or mailing. (e) The individual is unable to show proof of prior payment to the township. (f) The township calculates a detailed itemization, as required under MCL 15.234, that is the basis for the current written request's increased estimated fee deposit.</p> <p>A township can no longer require an increased estimated fee deposit from an individual if ANY of the following apply:</p> <p>(a) The individual is able to show proof of prior payment in full to the township, OR (b) The township is subsequently paid in full for the applicable prior written request, OR (c) Three hundred sixty-five (365) days have passed since the individual made the written request for which full payment was not remitted to the township.</p>	<p>Date Paid: _____</p>	<p>Percent Deposit Required: _____ %</p> <p>Deposit Required: \$ _____</p>
<p>Late Response Labor Costs Reduction If the township does not respond to a written request in a timely manner as required under MCL 15.235(2), the township must do the following:</p> <p>(a) Reduce the charges for labor costs otherwise permitted by 5% for each day the township exceeds the time permitted for a response to the request, with a maximum 50% reduction, if EITHER of the following applies:</p> <p>(i) The late response was willful and intentional, OR</p> <p>(ii) The written request included language that conveyed a request for information within the first 250 words of the body of a letter, facsimile, electronic mail, or electronic mail attachment, or specifically included the words, characters, or abbreviations for "freedom of information," "information," "FOIA," "copy", or a recognizable misspelling of such, or appropriate legal code reference for this act, on the front of an envelope, or in the subject line of an electronic mail, letter, or facsimile cover page.</p>	<p>Number of Days Over Required Response Time: _____</p> <p>Multiply by 5% = Total Percent Reduction: _____</p>	<p>Total Labor Costs \$ _____</p> <p>Minus Reduction \$ _____</p> <p>= Reduced Total Labor Costs \$ _____</p>
<p>The Public Summary of the township's FOIA Procedures and Guidelines is available free of charge from: Website: _____ Email: _____ Phone: _____ Address: _____</p> <p style="text-align: center;">Request Will Be Processed, But Balance Must Be Paid Before Copies May Be Picked Up, Delivered or Mailed</p>	<p>Date Paid: _____</p>	<p>Total Balance Due: \$ _____</p>

Township: Keep original and provide copy of both sides, along with Public Summary, to requestor at no charge.

Charter Township of Plymouth
 9955 N Haggerty Rd
 Plymouth MI 48170
 Phone (734) 354-3224 Fax (734) 454-1643

Request Form
 Note: Requestors are not required to use this form. The township may complete one for recordkeeping if not used.

FOIA Request for Public Records
 Michigan Freedom of Information Act, Public Act 442 of 1976, MCL 15.231, et seq.

Request No.: _____ **Date Received:** _____ **Check if received via:** Email Fax Other Electronic Method
 Date delivered to junk/spam folder: _____
 Date discovered in junk/spam folder: _____
 (Please Print or Type)

Name		Phone
Firm/Organization		Fax
Street		Email
City	State	Zip

Request for: Copy Certified copy Record inspection Subscription to record issued on regular basis

Delivery Method: Will pick up Will make own copies onsite Mail to address above Email to address above
 Deliver on digital media provided by the township: _____

Note: The township is not required to provide records in a digital format or on digital media if the township does not already have the technological capability to do so.

Describe the public record(s) as specifically as possible. You may use this form or attach additional sheets:

Consent to Non-Statutory Extension of Township's Response Time

I have requested a copy of records or a subscription to records or the opportunity to inspect records, pursuant to the Michigan Freedom of Information Act, Public Act 442 of 1976, MCL 15.231, et seq. I understand that the township must respond to this request within five (5) business days after receiving it, and that response may include taking a 10-business day extension. However, I hereby agree and stipulate to extend the township's response time for this request until: _____ (month, day, year).

Requestor's Signature	Date
------------------------------	-------------

(Complete both sides)

Records Located on Website

If the township directly or indirectly administers or maintains an official internet presence, any public records available to the general public on that internet site at the time the request is made are exempt from any labor charges to redact (*separate exempt information from non-exempt information*).

If the FOIA coordinator knows or has reason to know that all or a portion of the requested information is available on its website, the township must notify the requestor in its written response that all or a portion of the requested information is available on its website. The written response, to the degree practicable in the specific instance, must include a specific webpage address where the requested information is available. On the detailed cost itemization form, the township must separate the requested public records that are available on its website from those that are not available on the website and must inform the requestor of the additional charge to receive copies of the public records that are available on its website.

If the township has included the website address for a record in its written response to the requestor and the requestor thereafter stipulates that the public record be provided to him or her in a paper format or other form, including digital media, the township must provide the public records in the specified format (if the township has the technological capability) but may use a fringe benefit multiplier greater than the 50%, not to exceed the actual costs of providing the information in the specified format.

Request for Copies/Duplication of Records on Township Website

I hereby stipulate that, even if some or all of the records are located on a township website, I am requesting that the township make copies of those records on the website and deliver them to me in the format I have requested above. I understand that some FOIA fees may apply.

Requestor's Signature

Date

Overtime Labor Costs

Overtime wages shall not be included in the calculation of labor costs unless overtime is specifically stipulated by the requestor and clearly noted on the detailed cost itemization form.

Consent to Overtime Labor Costs

I hereby agree and stipulate to the township using overtime wages in calculating the following labor costs as itemized in the following categories:

- 1. Labor to copy/duplicate
- 2. Labor to locate
- 3a. Labor to redact
- 3b. Contract labor to redact
- 6b. Labor to copy/duplicate records already on township's website

Requestor's Signature

Date

Request for Discount: Indigence

A public record search **must** be made and a copy of a public record **must** be furnished **without charge** for the first \$20.00 of the fee for each request by an individual who is entitled to information under this act and who:

- 1) Submits an affidavit stating that the individual is indigent and receiving specific public assistance, **OR**
- 2) If not receiving public assistance, stating facts showing inability to pay the cost because of indigence.

If a requestor is ineligible for the discount, the public body shall inform the requestor specifically of the reason for ineligibility in the public body's written response. An individual is ineligible for this fee reduction if **ANY** of the following apply:

- (i) The individual has previously received discounted copies of public records from the same public body twice during that calendar year,
- (ii) The individual requests the information in conjunction with outside parties who are offering or providing payment or other remuneration to the individual to make the request. A public body may require a statement by the requestor in the affidavit that the request is not being made in conjunction with outside parties in exchange for payment or other remuneration.

Office Use: Affidavit Received Eligible for Discount Ineligible for Discount

I am submitting an affidavit and requesting that I receive the discount for indigence for this FOIA request:

Date:

Requestor's Signature:

Request for Discount: Nonprofit Organization

A public record search **must** be made and a copy of a public record **must** be furnished **without charge** for the first \$20.00 of the fee for each request by a nonprofit organization formally designated by the state to carry out activities under subtitle C of the Developmental Disabilities Assistance and Bill of Rights Act of 2000 and the Protection and Advocacy for Individuals with Mental Illness Act, if the request meets **ALL** of the following requirements:

- (i) Is made directly on behalf of the organization or its clients.
- (ii) Is made for a reason wholly consistent with the mission and provisions of those laws under section 931 of the Mental Health Code, 1974 PA 258, MCL 330.1931.
- (iii) Is accompanied by documentation of its designation by the state, if requested by the township.

Office Use: Documentation of State Designation Received Eligible for Discount Ineligible for Discount

I stipulate that I am a designated agent for the nonprofit organization making this FOIA request and that this request is made directly on behalf of the organization or its clients and is made for a reason wholly consistent with the mission and provisions of those laws under section 931 of the Mental Health Code, 1974 PA 258, MCL 330.1931:

Date:

Requestor's Signature:

Township: Keep original and provide copy, along with Public Summary, to requestor at no charge.

Charter Township of Plymouth
9955 N Haggerty Rd
Plymouth MI 48170
Phone (734) 354-3224 Fax (734) 454-1643

Extension Form

Notice to Extend Response Time for FOIA Request
Michigan Freedom of Information Act, Public Act 442 of 1976, MCL 15.231, et seq.

Request No.: _____ **Date Received:** _____ **Check if received via:** Email Fax Other Electronic Method
Date of This Notice: _____ **Date delivered to junk/spam folder:** _____
(Please Print or Type) **Date discovered in junk/spam folder:** _____

Name	Phone
Firm/Organization	Fax
Street	Email
City	State Zip

Request for: Copy Certified copy Record inspection Subscription to record issued on regular basis
Delivery Method: Will pick up Will make own copies onsite Mail to address above Email to address above
 Deliver on digital media provided by the township: _____

Record(s) You Requested: (Listed here or see attached copy of original request) _____

We are extending the date to respond to your FOIA request for no more than 10 business days, until _____ (month, day, year).
Only one extension may be taken per FOIA request. If you have any questions regarding this extension, contact _____ at _____

Estimated Time Frame to Provide Records: _____ (days or date)

The time frame estimate is nonbinding upon the township, but the township is providing the estimate in good faith. Providing an estimated time frame does not relieve a public body from any of the other requirements of this act.

Reason for Extension:

1. The township needs to search for, collect, or appropriately examine or review a voluminous amount of separate and distinct public records pursuant to your request. Specifically, the township must:

2. The township needs to collect the requested public records from numerous field offices, facilities, or other establishments that are located apart from the township office. Specifically, the township must coordinate documents from the following locations:

3. Other (describe): _____

Signature of FOIA Coordinator:	Date:
---------------------------------------	--------------

Township: Keep original and provide copy of both sides, along with Public Summary, to requestor at no charge.

Charter Township of Plymouth
9955 N Haggerty Rd
Plymouth MI 48170
Phone (734) 354-3224 Fax (734) 454-1643

Denial Form

Notice of Denial of FOIA Request

Michigan Freedom of Information Act, Public Act 442 of 1976, MCL 15.231, et seq.

Request No.: _____ Date Received: _____ Check if received via: Email Fax Other Electronic Method
Date of This Notice: _____ Date delivered to junk/spam folder: _____
(Please Print or Type) Date discovered in junk/spam folder: _____

Name	Phone
Firm/Organization	Fax
Street	Email
City	State Zip

Request for: Copy Certified copy Record inspection Subscription to record issued on regular basis

Delivery Method: Will pick up Will make own copies onsite Mail to address above Email to address above
 Deliver on digital media provided by the township: _____

Record(s) You Requested: (Listed here or see attached copy of original request) _____

All OR Part of your request for records has been denied. Please refer to this form for an explanation. If you have any questions regarding this denial, contact _____ at _____

Reason for Denial:

- 1. Exempt from Disclosure:** This item is exempt from disclosure under FOIA Section 13, as set forth below (circle those that apply):
Sec. 13 A public body may exempt from disclosure as a public record under this act any of the following:
 - (a) Information of a personal nature if public disclosure of the information would constitute a clearly unwarranted invasion of an individual's privacy.
 - (b) Investigating records compiled for law enforcement purposes, but only to the extent that disclosure as a public record would do any of the following:
 - (i) Interfere with law enforcement proceedings.
 - (ii) Deprive a person of the right to a fair trial or impartial administrative adjudication.
 - (iii) Constitute an unwarranted invasion of personal privacy.
 - (iv) Disclose the identity of a confidential source, or if the record is compiled by a law enforcement agency in the course of a criminal investigation, disclose confidential information furnished only by a confidential source.
 - (v) Disclose law enforcement investigative techniques or procedures.
 - (vi) Endanger the life or physical safety of law enforcement personnel.
 - (c) A public record that if disclosed would prejudice a public body's ability to maintain the physical security of custodial or penal institutions occupied by persons arrested or convicted of a crime or admitted because of a mental disability, unless the public interest in disclosure under this act outweighs the public interest in nondisclosure.
 - (d) Records or information specifically described and exempted from disclosure by statute.
 - (e) A public record or information described in this section that is furnished by the public body originally compiling, preparing, or receiving the record or information to a public officer or public body in connection with the performance of the duties of that public officer or public body, if the considerations originally giving rise to the exempt nature of the public record remain applicable.

- (f) Trade secrets or commercial or financial information voluntarily provided to an agency for use in developing governmental policy if:
- (i) The information is submitted upon a promise of confidentiality by the public body.
 - (ii) The promise of confidentiality is authorized by the chief administrative officer of the public body or by an elected official at the time the promise is made.
 - (iii) A description of the information is recorded by the public body within a reasonable time after it has been submitted, maintained in a central place within the public body, and made available to a person upon request. This subdivision does not apply to information submitted as required by law or as a condition of receiving a governmental contract, license, or other benefit.
- (g) Information or records subject to the attorney-client privilege.
- (h) Information or records subject to the physician-patient privilege, the psychologist-patient privilege, the minister, priest, or Christian Science practitioner privilege, or other privilege recognized by statute or court rule.
- (i) A bid or proposal by a person to enter into a contract or agreement, until the time for the public opening of bids or proposals, or if a public opening is not to be conducted, until the deadline for submission of bids or proposals has expired.
- (j) Appraisals of real property to be acquired by the public body until either of the following occurs:
- (i) An agreement is entered into.
 - (ii) Three years have elapsed since the making of the appraisal, unless litigation relative to the acquisition has not yet terminated.
- (k) Test questions and answers, scoring keys, and other examination instruments or data used to administer a license, public employment, or academic examination, unless the public interest in disclosure under this act outweighs the public interest in nondisclosure.
- (l) Medical, counseling, or psychological facts or evaluations concerning an individual if the individual's identity would be revealed by a disclosure of those facts or evaluation, including protected health information, as defined in 45 CFR 160.103.
- (m) Communications and notes within a public body or between public bodies of an advisory nature to the extent that they cover other than purely factual materials and are preliminary to a final agency determination of policy or action. This exemption does not apply unless the public body shows that in the particular instance the public interest in encouraging frank communication between officials and employees of public bodies clearly outweighs the public interest in disclosure. This exemption does not constitute an exemption under state law for purposes of section 8(h) of the open meetings act, 1976 PA 267, MCL 15.268. As used in this subdivision, "determination of policy or action" includes a determination relating to collective bargaining, unless the public record is otherwise required to be made available under 1947 PA 336, MCL 423.201 to 423.217.
- (n) Records of law enforcement communication codes, or plans for deployment of law enforcement personnel, that if disclosed would prejudice a public body's ability to protect the public safety unless the public interest in disclosure under this act outweighs the public interest in nondisclosure in the particular instance.
- (o) Information that would reveal the exact location of archaeological sites. The department of history, arts, and libraries may promulgate rules in accordance with the administrative procedures act of 1969, 1969 PA 306, MCL 24.201 to 24.328, to provide for the disclosure of the location of archaeological sites for purposes relating to the preservation or scientific examination of sites.
- (p) Testing data developed by a public body in determining whether bidders' products meet the specifications for purchase of those products by the public body, if disclosure of the data would reveal that only 1 bidder has met the specifications. This subdivision does not apply after 1 year has elapsed from the time the public body completes the testing.
- (q) Academic transcripts of an institution of higher education established under section 5, 6, or 7 of article VIII of the state constitution of 1963, if the transcript pertains to a student who is delinquent in the payment of financial obligations to the institution.
- (r) Records of a campaign committee including a committee that receives money from a state campaign fund.
- (s) Unless the public interest in disclosure outweighs the public interest in nondisclosure in the particular instance, public records of a law enforcement agency, the release of which would do any of the following:
- (i) Identify or provide a means of identifying an informant.
 - (ii) Identify or provide a means of identifying a law enforcement undercover officer or agent or a plain clothes officer as a law enforcement officer or agent.
 - (iii) Disclose the personal address or telephone number of active or retired law enforcement officers or agents or a special skill that they may have.

- (iv) Disclose the name, address, or telephone numbers of family members, relatives, children, or parents of active or retired law enforcement officers or agents.
- (v) Disclose operational instructions for law enforcement officers or agents.
- (vi) Reveal the contents of staff manuals provided for law enforcement officers or agents.
- (vii) Endanger the life or safety of law enforcement officers or agents or their families, relatives, children, parents, or those who furnish information to law enforcement departments or agencies.
- (viii) Identify or provide a means of identifying a person as a law enforcement officer, agent, or informant.
- (ix) Disclose personnel records of law enforcement agencies.
- (x) Identify or provide a means of identifying residences that law enforcement agencies are requested to check in the absence of their owners or tenants.
- (t) Except as otherwise provided in this subdivision, records and information pertaining to an investigation or a compliance conference conducted by the department under article 15 of the public health code, 1978 PA 368, MCL 333.16101 to 333.18838, before a complaint is issued. This subdivision does not apply to records or information pertaining to 1 or more of the following:
 - (i) The fact that an allegation has been received and an investigation is being conducted, and the date the allegation was received.
 - (ii) The fact that an allegation was received by the department; the fact that the department did not issue a complaint for the allegation; and the fact that the allegation was dismissed.
- (u) Records of a public body's security measures, including security plans, security codes and combinations, passwords, passes, keys, and security procedures, to the extent that the records relate to the ongoing security of the public body.
- (v) Records or information relating to a civil action in which the requesting party and the public body are parties.
- (w) Information or records that would disclose the social security number of an individual.
- (y) Records or information of measures designed to protect the security or safety of persons or property, whether public or private, including, but not limited to, building, public works, and public water supply designs to the extent that those designs relate to the ongoing security measures of a public body, capabilities and plans for responding to a violation of the Michigan anti-terrorism act, chapter LXXXIII-A of the Michigan penal code, 1931 PA 328, MCL 750.543a to 750.543z, emergency response plans, risk planning documents, threat assessments, and domestic preparedness strategies, unless disclosure would not impair a public body's ability to protect the security or safety of persons or property or unless the public interest in disclosure outweighs the public interest in nondisclosure in the particular instance.

2. Record Does Not Exist: This item does not exist under the name provided in your request or by another name reasonably known to the township. A certificate that the public record does not exist under the name given is attached. If you believe this record does exist, provide a description that will enable us to locate the record: _____

3. Redaction: A portion of the requested record had to be separated or deleted (redacted) as it is exempt under FOIA Section 13, Subsection _____ (insert number), because: _____

A brief description of the information that had to be separated or deleted: _____

Notice of Requestor's Right to Seek Judicial Review

You are entitled under Section 10 of the Michigan Freedom of Information Act, MCL 15.240, to appeal this denial to the township board or to commence an action in the Circuit Court to compel disclosure of the requested records if you believe they were wrongfully withheld from disclosure. If, after judicial review, the court determines that the township has not complied with MCL 15.235 in making this denial and orders disclosure of all or a portion of a public record, you have the right to receive attorneys' fees and damages as provided in MCL 15.240. (See back of this form for additional information on your rights.)

Signature of FOIA Coordinator: _____ Date: _____

FREEDOM OF INFORMATION ACT (EXCERPT)

Act 442 of 1976

15.240.amended Options by requesting person; appeal; actions by public body; receipt of written appeal; judicial review; civil action; venue; de novo proceeding; burden of proof; private view of public record; contempt; assignment of action or appeal for hearing, trial, or argument; attorneys' fees, costs, and disbursements; assessment of award; damages.

Sec. 10.

(1) If a public body makes a final determination to deny all or a portion of a request, the requesting person may do 1 of the following at his or her option:

(a) Submit to the head of the public body a written appeal that specifically states the word "appeal" and identifies the reason or reasons for reversal of the denial.

(b) Commence a civil action in the circuit court, or if the decision of a state public body is at issue, the court of claims, to compel the public body's disclosure of the public records within 180 days after a public body's final determination to deny a request.

(2) Within 10 business days after receiving a written appeal pursuant to subsection (1)(a), the head of a public body shall do 1 of the following:

(a) Reverse the disclosure denial.

(b) Issue a written notice to the requesting person upholding the disclosure denial.

(c) Reverse the disclosure denial in part and issue a written notice to the requesting person upholding the disclosure denial in part.

(d) Under unusual circumstances, issue a notice extending for not more than 10 business days the period during which the head of the public body shall respond to the written appeal. The head of a public body shall not issue more than 1 notice of extension for a particular written appeal.

(3) A board or commission that is the head of a public body is not considered to have received a written appeal under subsection (2) until the first regularly scheduled meeting of that board or commission following submission of the written appeal under subsection (1)(a). If the head of the public body fails to respond to a written appeal pursuant to subsection (2), or if the head of the public body upholds all or a portion of the disclosure denial that is the subject of the written appeal, the requesting person may seek judicial review of the nondisclosure by commencing a civil action under subsection (1)(b).

(4) In an action commenced under subsection (1)(b), a court that determines a public record is not exempt from disclosure shall order the public body to cease withholding or to produce all or a portion of a public record wrongfully withheld, regardless of the location of the public record. Venue for an action against a local public body is proper in the circuit court for the county in which the public record or an office of the public body is located has venue over the action. The court shall determine the matter de novo and the burden is on the public body to sustain its denial. The court, on its own motion, may view the public record in controversy in private before reaching a decision. Failure to comply with an order of the court may be punished as contempt of court.

(5) An action commenced under this section and an appeal from an action commenced under this section shall be assigned for hearing and trial or for argument at the earliest practicable date and expedited in every way.

(6) If a person asserting the right to inspect, copy, or receive a copy of all or a portion of a public record prevails in an action commenced under this section, the court shall award reasonable attorneys' fees, costs, and disbursements. If the person or public body prevails in part, the court may, in its discretion, award all or an appropriate portion of reasonable attorneys' fees, costs, and disbursements. The award shall be assessed against the public body liable for damages under subsection (7).

(7) If the court determines in an action commenced under this section that the public body has arbitrarily and capriciously violated this act by refusal or delay in disclosing or providing copies of a public record, the court shall order the public body to pay a civil fine of \$1,000.00, which shall be deposited into the general fund of the state treasury. The court shall award, in addition to any actual or compensatory damages, punitive damages in the amount of \$1,000.00 to the person seeking the right to inspect or receive a copy of a public record. The damages shall not be assessed against an individual, but shall be assessed against the next succeeding public body that is not an individual and that kept or maintained the public record as part of its public function.

History: 1976, Act 442, Eff. Apr. 13, 1977 ;-- Am. 1978, Act 329, Imd. Eff. July 11, 1978 ;-- Am. 1996, Act 553, Eff. Mar. 31, 1997 ;-- Am. 2014, Act 563, Eff. July 1, 2015

Township: Keep original and provide copy of both sides, along with Public Summary, to requestor at no charge.

Charter Township of Plymouth
9955 N Haggerty Rd
Plymouth MI 48170
Phone (734) 354-3224 Fax (734) 454-1643

Denial Appeal Form

FOIA Appeal Form—To Appeal a Denial of Records
Michigan Freedom of Information Act, Public Act 442 of 1976, MCL 15.231, et seq.

Request No.: _____ Date Received: _____ Check if received via: Email Fax Other Electronic Method
Date of This Notice: _____ Date delivered to junk/spam folder: _____

Name	Phone
Firm/Organization	Fax
Street	Email
City	State Zip

(Please Print or Type) Date discovered in junk/spam folder: _____
Request for: Copy Certified copy Record inspection Subscription to record issued on regular basis
Delivery Method: Will pick up Will make own copies onsite Mail to address above Email to address above
 Deliver on digital media provided by the township: _____

Record(s) You Requested: (Listed here or see attached copy of original request) _____

Reason(s) for Appeal:

The appeal must identify the reason(s) for the denial. You may use this form or attach additional sheets:

Requestor's Signature: _____ Date: _____

Township Response:

The township must provide a response within 10 business days after receiving this appeal, including a determination or taking one 10-day extension.

Township Extension: We are extending the date to respond to your FOIA fee appeal for no more than 10 business days, until _____ (month, day, year). Only one extension may be taken per FOIA appeal.

Unusual circumstances warranting extension: _____

If you have any questions regarding this extension, contact: _____

Township Determination:

Denial Reversed Denial Upheld Denial Reversed in Part and Upheld in Part
The following previously denied records will be released: _____

Notice of Requestor's Right to Seek Judicial Review

You are entitled under Section 10 of the Michigan Freedom of Information Act, MCL 15.240, to appeal this denial to the township board or to commence an action in the Circuit Court to compel disclosure of the requested records if you believe they were wrongfully withheld from disclosure. If, after judicial review, the court determines that the township has not complied with MCL 15.235 in making this denial and orders disclosure of all or a portion of a public record, you have the right to receive attorneys' fees and damages as provided in MCL 15.240. (See back of this form for additional information on your rights.)

Signature of FOIA Coordinator: _____ Date: _____

FREEDOM OF INFORMATION ACT (EXCERPT)

Act 442 of 1976

15.240.amended Options by requesting person; appeal; actions by public body; receipt of written appeal; judicial review; civil action; venue; de novo proceeding; burden of proof; private view of public record; contempt; assignment of action or appeal for hearing, trial, or argument; attorneys' fees, costs, and disbursements; assessment of award; damages.

Sec. 10.

(1) If a public body makes a final determination to deny all or a portion of a request, the requesting person may do 1 of the following at his or her option:

(a) Submit to the head of the public body a written appeal that specifically states the word "appeal" and identifies the reason or reasons for reversal of the denial.

(b) Commence a civil action in the circuit court, or if the decision of a state public body is at issue, the court of claims, to compel the public body's disclosure of the public records within 180 days after a public body's final determination to deny a request.

(2) Within 10 business days after receiving a written appeal pursuant to subsection (1)(a), the head of a public body shall do 1 of the following:

(a) Reverse the disclosure denial.

(b) Issue a written notice to the requesting person upholding the disclosure denial.

(c) Reverse the disclosure denial in part and issue a written notice to the requesting person upholding the disclosure denial in part.

(d) Under unusual circumstances, issue a notice extending for not more than 10 business days the period during which the head of the public body shall respond to the written appeal. The head of a public body shall not issue more than 1 notice of extension for a particular written appeal.

(3) A board or commission that is the head of a public body is not considered to have received a written appeal under subsection (2) until the first regularly scheduled meeting of that board or commission following submission of the written appeal under subsection (1)(a). If the head of the public body fails to respond to a written appeal pursuant to subsection (2), or if the head of the public body upholds all or a portion of the disclosure denial that is the subject of the written appeal, the requesting person may seek judicial review of the nondisclosure by commencing a civil action under subsection (1)(b).

(4) In an action commenced under subsection (1)(b), a court that determines a public record is not exempt from disclosure shall order the public body to cease withholding or to produce all or a portion of a public record wrongfully withheld, regardless of the location of the public record. Venue for an action against a local public body is proper in the circuit court for the county in which the public record or an office of the public body is located has venue over the action. The court shall determine the matter de novo and the burden is on the public body to sustain its denial. The court, on its own motion, may view the public record in controversy in private before reaching a decision. Failure to comply with an order of the court may be punished as contempt of court.

(5) An action commenced under this section and an appeal from an action commenced under this section shall be assigned for hearing and trial or for argument at the earliest practicable date and expedited in every way.

(6) If a person asserting the right to inspect, copy, or receive a copy of all or a portion of a public record prevails in an action commenced under this section, the court shall award reasonable attorneys' fees, costs, and disbursements. If the person or public body prevails in part, the court may, in its discretion, award all or an appropriate portion of reasonable attorneys' fees, costs, and disbursements. The award shall be assessed against the public body liable for damages under subsection (7).

(7) If the court determines in an action commenced under this section that the public body has arbitrarily and capriciously violated this act by refusal or delay in disclosing or providing copies of a public record, the court shall order the public body to pay a civil fine of \$1,000.00, which shall be deposited into the general fund of the state treasury. The court shall award, in addition to any actual or compensatory damages, punitive damages in the amount of \$1,000.00 to the person seeking the right to inspect or receive a copy of a public record. The damages shall not be assessed against an individual, but shall be assessed against the next succeeding public body that is not an individual and that kept or maintained the public record as part of its public function.

History: 1976, Act 442, Eff. Apr. 13, 1977 ;-- Am. 1978, Act 329, Imd. Eff. July 11, 1978 ;-- Am. 1996, Act 553, Eff. Mar. 31, 1997 ;-- Am. 2014, Act 563, Eff. July 1, 2015.

Township: Keep original and provide copy of both sides, along with Public Summary, to requestor at no charge.

Charter Township of Plymouth
9955 N Haggerty Rd
Plymouth MI 48170
Phone (734) 354-3224 Fax (734) 454-1643

Fee Appeal Form

FOIA Appeal Form—To Appeal an Excess Fee
Michigan Freedom of Information Act, Public Act 442 of 1976, MCL 15.231, et seq.

Request No.: _____ **Date Received:** _____ **Check if received via:** Email Fax Other Electronic Method
Date of This Notice: _____ **Date delivered to junk/spam folder:** _____

Name	Phone	
Firm/Organization	Fax	
Street	Email	
City	State	Zip

(Please Print or Type) **Date discovered in junk/spam folder:** _____
Request for: Copy Certified copy Record inspection Subscription to record issued on regular basis
Delivery Method: Will pick up Will make own copies onsite Mail to address above Email to address above
 Deliver on digital media provided by the township: _____

Record(s) You Requested: *(Listed here or see attached copy of original request)* _____

Reason(s) for Appeal:

The appeal must specifically identify how the required fee(s) exceed the amount permitted. You may use this form or attach additional sheets:

Requestor's Signature: _____ **Date:** _____

Township Response:

The township must provide a response within 10 business days after receiving this appeal, including a determination or taking one 10-day extension.

Township Extension: We are extending the date to respond to your FOIA fee appeal for no more than 10 business days, until _____
(month, day, year). Only one extension may be taken per FOIA appeal.
Unusual circumstances warranting extension: _____

If you have any questions regarding this extension, contact: _____

Township Determination: Fee Waived Fee Reduced Fee Upheld

Written basis for township determination: _____

Notice of Requestor's Right to Seek Judicial Review

You are entitled under Section 10a of the Michigan Freedom of Information Act, MCL 15.240a, to appeal a FOIA fee that you believe exceeds the amount permitted under the township's written Procedures and Guidelines to the township board or to commence an action in the Circuit Court for a fee reduction within 45 days after receiving the notice of the required fee or a determination of an appeal to the township board. If a civil action is commenced in court, the township is not obligated to compete processing the request until the court resolves the fee dispute. If the court determines that the township required a fee that exceeded the permitted amount, the court shall reduce the fee to a permissible amount. *(See back of this form for additional information on your rights.)*

Signature of FOIA Coordinator: _____ **Date:** _____

FREEDOM OF INFORMATION ACT (EXCERPT)
Act 442 of 1976

15.240a.added Fee in excess of amount permitted under procedures and guidelines or MCL 15.234.

Sec. 10a.

(1) If a public body requires a fee that exceeds the amount permitted under its publicly available procedures and guidelines or section 4, the requesting person may do any of the following:

(a) If the public body provides for fee appeals to the head of the public body in its publicly available procedures and guidelines, submit to the head of the public body a written appeal for a fee reduction that specifically states the word "appeal" and identifies how the required fee exceeds the amount permitted under the public body's available procedures and guidelines or section 4.

(b) Commence a civil action in the circuit court, or if the decision of a state public body is at issue, in the court of claims, for a fee reduction. The action must be filed within 45 days after receiving the notice of the required fee or a determination of an appeal to the head of a public body. If a civil action is commenced against the public body under this subdivision, the public body is not obligated to complete the processing of the written request for the public record at issue until the court resolves the fee dispute. An action shall not be filed under this subdivision unless 1 of the following applies:

(i) The public body does not provide for appeals under subdivision (a).

(ii) The head of the public body failed to respond to a written appeal as required under subsection (2).

(iii) The head of the public body issued a determination to a written appeal as required under subsection (2).

(2) Within 10 business days after receiving a written appeal under subsection (1)(a), the head of a public body shall do 1 of the following:

(a) Waive the fee.

(b) Reduce the fee and issue a written determination to the requesting person indicating the specific basis under section 4 that supports the remaining fee. The determination shall include a certification from the head of the public body that the statements in the determination are accurate and that the reduced fee amount complies with its publicly available procedures and guidelines and section 4.

(c) Uphold the fee and issue a written determination to the requesting person indicating the specific basis under section 4 that supports the required fee. The determination shall include a certification from the head of the public body that the statements in the determination are accurate and that the fee amount complies with the public body's publicly available procedures and guidelines and section 4.

(d) Issue a notice extending for not more than 10 business days the period during which the head of the public body must respond to the written appeal. The notice of extension shall include a detailed reason or reasons why the extension is necessary. The head of a public body shall not issue more than 1 notice of extension for a particular written appeal.

(3) A board or commission that is the head of a public body is not considered to have received a written appeal under subsection (2) until the first regularly scheduled meeting of that board or commission following submission of the written appeal under subsection (1)(a).

(4) In an action commenced under subsection (1)(b), a court that determines the public body required a fee that exceeds the amount permitted under its publicly available procedures and guidelines or section 4 shall reduce the fee to a permissible amount. Venue for an action against a local public body is proper in the circuit court for the county in which the public record or an office of the public body is located. The court shall determine the matter de novo, and the burden is on the public body to establish that the required fee complies with its publicly available procedures and guidelines and section 4. Failure to comply with an order of the court may be punished as contempt of court.

(5) An action commenced under this section and an appeal from an action commenced under this section shall be assigned for hearing and trial or for argument at the earliest practicable date and expedited in every way.

(6) If the requesting person prevails in an action commenced under this section by receiving a reduction of 50% or more of the total fee, the court may, in its discretion, award all or an appropriate portion of reasonable attorneys' fees, costs, and disbursements. The award shall be assessed against the public body liable for damages under subsection (7).

(7) If the court determines in an action commenced under this section that the public body has arbitrarily and capriciously violated this act by charging an excessive fee, the court shall order the public body to pay a civil fine of \$500.00, which shall be deposited in the general fund of the state treasury. The court may also award, in addition to any actual or compensatory damages, punitive damages in the amount of \$500.00 to the person seeking the fee reduction. The fine and any damages shall not be assessed against an individual, but shall be assessed against the next succeeding public body that is not an individual and that kept or maintained the public record as part of its public function.

(8) As used in this section, "fee" means the total fee or any component of the total fee calculated under section 4, including any deposit.

History: Add. 2014, Act 563, Eff. July 1, 2015

**CHARTER TOWNSHIP OF PLYMOUTH
STAFF REQUEST FOR BOARD ACTION**

Meeting Date: June 16, 2015

ITEM: Contract Award: Lake Pointe Tank Overcoat Project

BRIEF: The Township received bids for exterior repainting and miscellaneous repairs to Lake Pointe Elevated Water Tank on May 27, 2015. The low bidder is recommended for contract award. See Attachments Nos. 1 and 2, Recommendation and Bid Tab.

ACTION: Authorize the Township Supervisor and Township Clerk to sign a Contract with the low bidder Fedewa, Inc. of Hastings, MI, for the bid amount of \$97,700.

DEPARTMENT/PRESENTER(S): Patrick J. Fellrath, P.E., Director of Public Services
Ira M. Gabin, P.E., Vice President, Dixon Engineering, Inc.

BACKGROUND:

Dixon Engineering, the firm that provided project administration and inspection services for the construction of the 5 Mile Rd Tank in 2006-2008 and painting of the Lake Pointe Tank in 1994, inspected the Lake Pointe Tank in December 2014. Based on inspection findings, Dixon recommends exterior repainting (overcoating) of the Lake Pointe Tank to extend the life of the original paint. As noted in Dixon's letter dated February 9, 2015 (Attachment 3), overcoats can be expected to last 15 years and most tanks can be overcoated at least twice before expensive (3X cost) abrasive blast cleaning and painting (similar to 1994 work) are required. Dixon further notes that tanks can be overcoated only if the existing paint is still intact; this is the case for the Lake Pointe Tank.

As mentioned in Dixon's attached recommendation letter dated May 29, 2015 the low bidder Fedewa is a prequalified contractor with Dixon and has successfully completed many similar projects. The work if awarded would start in September 2015 (after the high water demand season) and be substantially completed by October 30, 2015. Tank may be out-of-service a maximum 21 days.

BUDGET/TIME LINE: Water and Sewer/September 2015

RECOMMENDATION: Approve

PROPOSED MOTION:

I move to accept the low bid for the Exterior Overcoat, Dry Interior Partial Repaint and Miscellaneous Repairs Project for the Lake Pointe Elevated Water Tank as submitted by Fedewa, Inc., as described in their Bid submitted on May 27, 2015, and authorize the Supervisor and Clerk to sign the attached Contract between the Township and Fedewa, Inc., said contract being consistent with the accepted Bid documents.

RECOMMENDATION Moved by: _____ Seconded by: _____

VOTE: SP _____ NC _____ RE _____ KA _____ MK _____ CC _____ RD _____



DIXON

ENGINEERING AND
INSPECTION SERVICES
FOR THE COATING INDUSTRY

1104 Third Avenue
Lake Odessa, MI 48849
Telephone 1-616-374/3221
Fax 1-616-374/7116

May 29, 2015

Mr. Patrick Fellrath, P.E., Director of Public Utilities
Plymouth Charter Township
9955 N. Haggerty Rd.
Plymouth, MI 48170

Subject: Lake Pointe Elevated Tank Exterior Repainting Project – Recommendation for Award

Dear Patrick:

Dixon Engineering has reviewed the bids submitted for repainting the exterior of the Township's 400,000 gallon Lake Pointe elevated tank and recommends award to the low bidder, Fedewa, Inc. of Nashville, MI, for the bid amount of \$97,700. This includes all line items and is slightly above our project estimate of \$87,000 from our 2014 inspection report. Fedewa is a prequalified contractor with Dixon for this scope of work and has successfully completed many similar projects. They are currently repainting a 1.5 million gallon elevated storage tank in Kalamazoo.

Only 4 bids were received and only Fedewa's bid was near our estimate. This is consistent with other recent storage tank painting bid results. There currently is more work being advertised than there are contractors to do it, and continuing poor weather this spring has exacerbated the problem. For these reasons we do not believe that rebidding would result in more favorable pricing.

Enclosed for your review and action are three copies of the Notice of Award. After Township approval, please sign and forward all three copies to the contractor for signature. Instruct the contractor to return one copy to you, forward a copy to our office, and retain a copy for his files. Also, please notify the contractor that he is to forward to our office the required bonds and certificate(s) of insurance for inclusion in the contract documents.

Also enclosed is our proposal to provide project administration and field inspection services for the project.

If you have any questions regarding our recommendation, please contact me at (616) 374-3221, Ext. 303.

FOR DIXON ENGINEERING, INC.,

Ira M. Gabin
Ira M. Gabin, P.E.
Vice President

RECEIVED

JUN 1 2015

Members: Steel Structures Painting
American Water Works
Consulting Engineers C

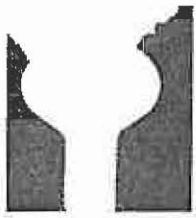
Attachment 1

COPIES OF THIS REPORT
2015.06.01

LakePointe Tank Overcoat Project
Bids Due: May 27, 2015

CONTRACTOR	BID AMOUNT
Horizon Brothers Painting 1053 Kendra Lane Howell, MI 48843	\$242,400
Fedewa, Inc. 4315 E. M79 Hwy Hastings, MI 49058	\$97,700
L.C. United Painting Co. 3525 Barbara Dr. Sterling Heights, MI 48310	\$135,000
Seven Brothers Painting Inc. 50805 Rizzo Dr. Shelby Twp., MI 48315	\$124,500

Attachment 2



DIXON

ENGINEERING AND
INSPECTION SERVICES
FOR THE COATING INDUSTRY

1104 Third Avenue
Lake Odessa, MI 48849
Telephone 1-616-374/3221
Fax 1-616-374/7116

February 9, 2015

Mr. Patrick Fellrath, P.E., Director of Public Services
Plymouth Charter Township
9955 N. Haggerty Road
Plymouth, MI 48170

FEB 11 2015

Subject: Storage Tank Inspection Reports

Dear Patrick:

Enclosed are the inspection reports for the Township's two elevated tanks. As expected, the 1,000,000 gallon elevated tank is in very good condition and ~~no~~ maintenance painting work is recommended in the near future.

Exterior repainting is recommended for the 400,000 gallon tank and as you requested, this letter will explain why we recommend this work at this time.

Exterior repainting of storage tanks is primarily for aesthetics. Tank owners have the option to never paint the exterior which in time will lead to a rusty eyesore, but does not impact the structural integrity of the tank. As long as the wet interior coatings are maintained, the tank can last many years this way. However, in most communities, image is important and having a rusty tank with your name on it, is not generally acceptable to either the residents or the local governmental officials.

If it is desired to keep a good aesthetic appearance, then there are two ways to paint the exterior. One way is the method used back in 1995, when the exterior was abrasive blast cleaned to bare metal and an all new coating system was applied. The second way to paint a tank is to high pressure water clean the existing coating, spot repair the existing coating, and then overcoat the tank with a compatible coating system. This is the method recommended for the Lake Pointe tank. The estimated cost is \$60,000 to overcoat. In comparison the cost to abrasive blast clean the exterior is \$220,000. This is much more expensive as the work is more labor intensive and a dust tight containment system must be installed during the blasting work.

Obviously it is always preferable to overcoat due to the lower cost, however there are limitations. Most tanks can be overcoated at least twice, but at some point the paint thickness will become too great to allow another overcoat to be successfully applied. However we do expect overcoat systems to last 15 years, so for the 1,000,000 gallon tank, if it is overcoated twice at that frequency, the need to abrasive blast clean will not arise for at least 45 years after original construction.

Members: Steel Structures Painting Council
American Water Works Assoc
Consulting Engineers Council

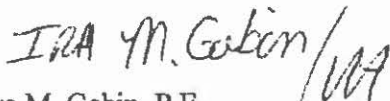
Attachment 3

The second limitation on overcoating is that the existing coating must be virtually intact and have good remaining adhesion to the tank. If the coating deteriorates to a point where these conditions don't exist, then overcoating likely will not be successful and the more expensive blast cleaning method would be required. There is no set time for when this occurs, but our experience has been that going past 15 years becomes risky. To illustrate this, attached are photos from a 500,000 gallon tank in Plainfield Township near Grand Rapids. This tank was built and last painted in 1994. In 2012 we inspected the tank and coating conditions were similar to those currently on Lake Pointe. We recommended that it be overcoated as soon as possible. However due to budget limitations that work was delayed. When we looked at the tank 3 years later, the coating conditions had dramatically worsened to the point where overcoating is no longer feasible (photos attached). This deterioration happened over a three year period, but there is no way to predict when it will happen with Lake Pointe, however it is certain to happen at some point.

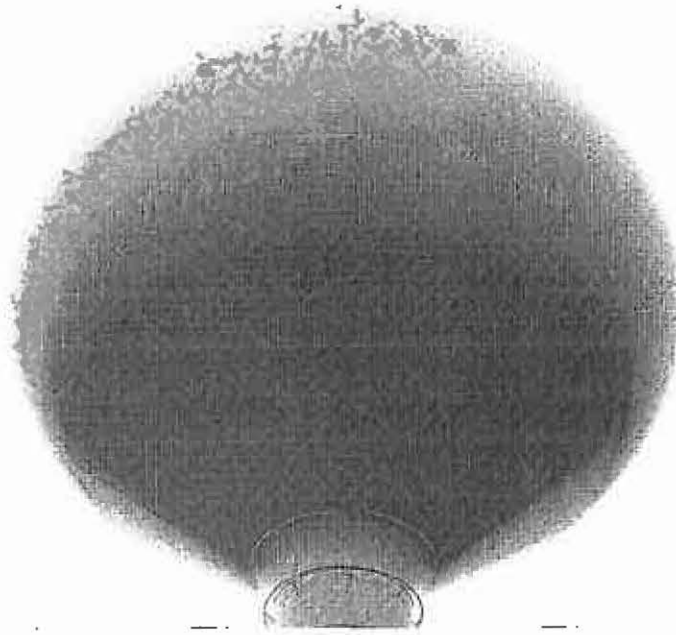
If the Township desires to maintain good aesthetic appearance, we believe the most cost effective method is to overcoat at a set frequency as recommended in our report.

If you have any questions regarding this information, please contact me at (616) 374-3221, ext. 303.

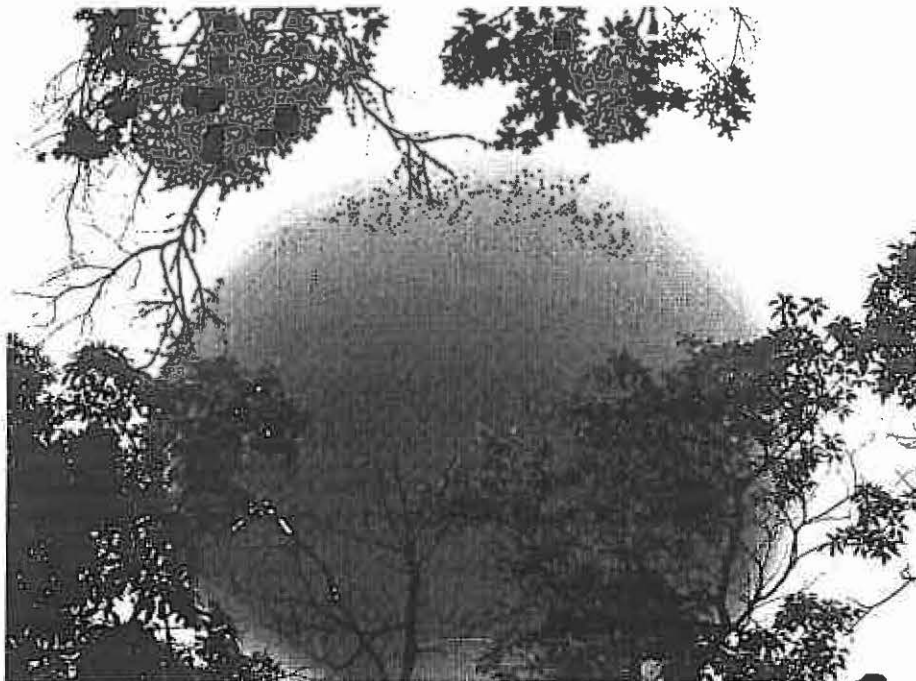
FOR DIXON ENGINEERING, INC.,



Ira M. Gabin, P.E.
Vice President



1) Rust bleedthrough has developed throughout the sidewall.



2) Extensive failures on the sidewall make overcoating unfeasible.

LakePointe Tank Overcoat Project
Bids Due: May 27, 2015

CONTRACTOR	BID AMOUNT
Horizon Brothers Painting 1053 Kendra Lane Howell, MI 48843	\$242,400
Fedewa, Inc. 4315 E. M79 Hwy Hastings, MI 49058	\$97,700
L.C. United Painting Co. 3525 Barbara Dr. Sterling Heights, MI 48310	\$135,000
Seven Brothers Painting Inc. 50805 Rizzo Dr. Shelby Twp., MI 48315	\$124,500

ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

Plymouth Charter Township

9955 N. Haggerty Rd.

Plymouth, MI 48170-6303

(hereinafter called Owner)

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner using this combined Bid/Agreement form to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

- 2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.
- 2.02 Bidder accepts all the terms and conditions of the combined Bid/Agreement form. (The Bid/Agreement form is an attempt to shorten the time period between submittal and award.) Bidder’s signature is an acceptance of all terms of the Agreement section and this Bid, if successful, will become an Agreement after it has been signed by an authorized representative of the Owner.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged.

<u>Addendum No.</u>	<u>Addendum Date</u>
_____	_____
_____	_____
_____	_____

- B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress and performance of the Work.
- D. Bidder has carefully studied all: (1) reports, if available.
- E. Bidder has obtained and carefully studied (or accepts the consequences for not doing so) all additional or supplementary examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents to be employed by Bidder, and safety precautions and programs incident thereto.

- F. Bidder does not consider that any further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has correlated the information known to Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents.
- I. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer is acceptable to Bidder.
- J. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.
- K. Bidder will submit written evidence of its authority to do business in the state where the Project is located not later than the date of its execution of the Agreement.
- L. All references to Bidder in this affirmation will change to the term Contractor if this Bid becomes an Agreement.

ARTICLE 4 – FURTHER REPRESENTATIONS

4.01 Bidder further represents that:

- A. this Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over Owner.
- E. Contractor hereby represents that the only persons, firms, or corporations interested in this Contract as principals are those disclosed to Owner prior to the execution of this Contract, and that this Contract is made without collusion with any other person, firm, or corporation. If at any time it shall be found that Contractor has, in procuring this Contract, colluded with any other person, firm, or corporation, then Contractor shall be liable to Owner for all loss or damage that Owner may suffer thereby, and this Contract shall, at Owner's option, be null and void.

4.02 Bidder further represents that:

- A. Bidder has been prequalified for projects of this design, size, and complexity.

ARTICLE 5 – BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents, including all labor and material, for the following price(s):

\$ _____

Lump Sum Prices are based on the Schedule of Values – Section 00 43 73.

Unit Prices have been computed in accordance with Paragraph 11.03.B of the General Conditions.

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

Bidder acknowledges that Lump Sum bids are actually itemized bids based on the Schedule of Values, and further agrees and acknowledges the alternatives and conditions set forth in the Schedule of Values.

ARTICLE 6 – TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 14.07.B of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement, or in the Project Summary.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the Contract Times, or within Milestone dates.

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The following documents are to be attached to and made a condition of this Bid:
 - A. Required 10% Bid security in the form of a bond or cash surety. Include AM Best rating of bond company.
 - B. Iran Business Certification Form.

ARTICLE 8 – DEFINED TERMS

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and/or the Supplementary Conditions.
- 8.02 *Time Framework for Award Execution:* The Owner will open bids on the bid date. After opening, no bid may be withdrawn or altered for sixty days, unless specifically stated elsewhere. The Owner may negotiate with the low Bidder and mutually both parties may alter bid (i.e. partial award of project).

The Bidder will be notified of award within sixty days of bid date, unless stated elsewhere or mutually extended. Notice of Award form will be sent by fax or mail. Within ten business days of Notice of Award, supply the Engineer with three original sets of separate Payment, Performance, and Maintenance Bonds. Supply three original sets of Certificates of Insurance meeting requirements of General Conditions and Supplementary Conditions 5.01 and 5.02. Insurance companies and insurance forms must be standard to the industry and acceptable to the Owner. Failure to submit bonds and/or insurance within the time frame will be considered a default, a failure to perform as required by the Bid Bond. The Owner, at his option, may waive default, delay default, or proceed with capture of the Bid Bond which will become the Owner's property.

Bonds and insurances are to be submitted to the Engineer for review. The Owner will within twenty days of receipt of approved bonds and insurances from the Engineer execute the Agreement and send a signed copy to the Contractor.

The executed copy will be accompanied by three copies of the Notice to Proceed. Within five days of the date on the Notice to Proceed, the Bidder will sign the Notice to Proceed and return a copy to the Engineer. If the Engineer does not receive the accepted Notice to Proceed in five days, then the Notice to Proceed will be considered accepted by default.

The Notice to Proceed will be dated on or around the Effective Date of Agreement.

ARTICLE 9 – BID SUBMITTAL

9.01 This Bid submitted by:

If Bidder is:

An Individual

Name (typed or printed): _____

By: _____ (SEAL)
(Individual's signature)

Doing business as: _____

A Partnership

Partnership Name: _____ (SEAL)

By: _____
(Signature of general partner – attach evidence of authority to sign)

Name (typed or printed): _____

A Corporation

Corporation Name: _____ (SEAL)

State of Incorporation: _____
Type (General Business, Professional, Service, Limited Liability): _____

By: _____
(Signature – attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____
(CORPORATE SEAL)

Attest: _____
(Signature of Corporate Secretary)

All Business Entities

Date of Qualification to do business in _____ [State Where Project is Located] is ____ \ ____ \ ____.

Agent for service or process: _____

Address for giving Notices: _____

ARTICLE 10 – BID ACCEPTANCE

10.01 Bid Acceptance:

- A. The above Bid is accepted by the Owner, and shall become a Contract Agreement binding on all parties after signing by an authorized representative of the owner.
- B. All references in the second portion of this form are Agreement terminology. Bidder is now referred to as Contractor. Where appropriate, the term Bidder in the Bid form is changed to Contractor.

ARTICLE 11 - CONTRACT TIMES

11.01 Time is of the Essence

A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

11.02 Dates for, or Days to Achieve (see paragraph 6.01) Substantial Completion and Final Payment

- A. If Milestones are used in this project, they are as defined in the Project Summary – Section 00040.

11.03 Liquidated Damages

A. Contractor and Owner recognize that time is of the essence of this Agreement and that Owner will suffer financial loss if the Work is not completed within the times specified in Paragraph 4.02 above, plus any extensions thereof allowed in accordance with Article 12 of the General Conditions. The parties also recognize the delays, expense, and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty), Contractor shall pay Owner \$750 for each day that expires after the time specified in Paragraph 4.02 for Substantial Completion until the Work is substantially complete. After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Time or any proper extension thereof granted by Owner, Contractor shall pay Owner \$250 for each day that expires after the time specified in Paragraph 11.02 for completion and readiness for final payment until the Work is completed and ready for final payment.

ARTICLE 12 - CONTRACT PRICE

12.01 Owner shall pay Contractor for completion of the Work in accordance with the Contract Documents an amount in current funds equal to the sum of the amounts determined pursuant to Article 5 Bid above.

12.02 As provided in Paragraph 11.03 of the General Conditions, estimated quantities are not guaranteed, and determinations of actual quantities and classifications are to be made by Engineer as provided in Paragraph 9.07 of the General Conditions. Unit prices have been computed as provided in Paragraph 11.03 of the General Conditions.

ARTICLE 13 - PAYMENT PROCEDURES

13.01 Submittal and Processing of Payments

A. Contractor shall submit Applications for Payment in accordance with Article 14 of the General Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions.

13.02 Progress Payments; Retainage

A. Owner shall make progress payments on account of the Contract Price on the basis of Contractor's Applications for Payment once each month during performance of the Work as provided in Paragraphs 13.02.A.1 through 13.02.A.7 below. All such payments will be measured by the schedule of values (or Article 5 above) established as provided in Paragraph 2.07.A of the General Conditions (and in the case of Unit Price Work based on the number of units completed) or, in the event there is no schedule of values, as provided in the General Requirements:

1. On the exterior, surface preparation by high pressure cleaning or jetting and power tool cleaning will be considered equal to 40 percent of the line item work and cost and each full coat of paint 15 percent. The remainder will be for lettering, demobilization and cleanup.
2. Dry interior, pit piping, and repairs will not be broken down. 100 percent completion is required before they will be considered for payment.
3. Mobilization is included in the surface preparation allotment for item 1 above.
4. Prior to Substantial Completion, progress payments will be made in an amount equal to the percentage indicated below but, in each case, less the aggregate of payments previously made and less such amounts as Engineer may determine or Owner may withhold, including but not limited to liquidated damages, in accordance with Paragraph 14.02 of the General Conditions:

90 percent of Work completed (with the balance being retainage). 0 percent of cost of materials and equipment not incorporated in the Work (with the balance being retainage).
7. Upon Substantial Completion, Owner shall pay an amount sufficient to increase total payments to Contractor to 90 percent of the Work completed, less such amounts as Engineer shall determine in accordance with Paragraph 14.02.B.5 of the General Conditions and less 100 percent of Engineer's estimate of the value of Work to be completed or corrected as shown on the tentative list of items to be completed or corrected attached to the certificate of Substantial Completion.

13.03 Final Payment

A. Upon final completion and acceptance of the Work in accordance with Paragraph 14.07 of the General Conditions, Owner shall pay the remainder of the Contract Price as recommended by Engineer.

ARTICLE 14 - CONTRACT DOCUMENTS

14.01 Contents

A. The Contract Documents consist of the following:

1. This Bid/Agreement.
2. Performance bond.
3. Payment bond.
4. Maintenance bond.
5. General Conditions, Supplementary Conditions, Specifications and Drawings as listed in the table of contents of the Project Manual.
6. Addenda (numbers ____ to ____, inclusive).
7. Exhibits to this Agreement (enumerated as follows):
 - a. Documentation submitted by Contractor prior to Notice of Award (pages ____ to ____, inclusive).
 - b. ____.
8. The following which may be delivered or issued on or after the Effective Date of the Agreement and are not attached hereto:
 - a. Notice to Proceed (pages ____ to ____, inclusive).
 - b. Work Change Directives.
 - c. Change Order(s).

B. The documents listed in Paragraph 14.01.A are attached to this Agreement (except as expressly noted otherwise above).

C. There are no Contract Documents other than those listed above in this Article 14.

D. The Contract Documents may only be amended, modified, or supplemented as provided in Paragraph 3.04 of the General Conditions.

ARTICLE 15 - MISCELLANEOUS

15.01 Assignment of Contract

A. No assignment by a party hereto of any rights under or interests in the Contract will be binding on another party hereto without the written consent of the party sought to be bound; and, specifically but without limitation, moneys that may become due and moneys that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

15.02 Successors and Assigns

A. Owner and Contractor each binds itself, its partners, successors, assigns, and legal representatives to the other party hereto, its partners, successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

15.03 Severability

A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

15.04 Other Provisions

IN WITNESS WHEREOF, Contractor has signed this Agreement as Bidder. Owner has signed Agreement in duplicate and one counterpart each has been delivered to Owner and Contractor. All portions of the Contract Documents have been signed or identified by Owner and Contractor or on their behalf.

This Agreement will be effective on, _____, _____ (which is the Effective Date of the Agreement).

OWNER:

By: _____

Title: _____

**CHARTER TOWNSHIP OF PLYMOUTH
STAFF REQUEST FOR BOARD ACTION**

Meeting Date: June 16, 2015

ITEM: Bid Award for the Lake Pointe Soccer Park Drainage.

ACTION: To award the bid for the Lake Pointe Soccer Park Drainage.

DEPARTMENT/PRESENTER(S): David E. Richmond, P.E., Spalding DeDecker Associates

BACKGROUND: Township solicited bids to correct drainage issues on the east soccer field. The field experiences areas that are draining properly during rain events. Bids were solicited to alleviate the drainage problems. The contractors were asked to submit bids considering a horizontal solution, commonly known as sand slit method or through vertical method, known as energy passive groundwater recharge product (EGRP).

A total of 3 bids were received on May 15, 2015. The bids were submitted with the contractor's elected method of repair with their anticipated design. The as-read low bidder was for the EGRP method submitted by Parjana for \$50,204.00. We have researched this technology and included the findings along with our recommendation letter. Our recommendation is to award the project to Parjana.

BUDGET/TIME LINE: \$50,204.00

RECOMMENDATION: Approval

PROPOSED MOTION: I move to award the Lake Pointe Soccer Park Drainage to Parjana.

RECOMMENDATION: Moved by: _____ Seconded by: _____

VOTE: ___ SP ___ RE ___ NC ___ KA ___ CC ___ RD ___ MK

MOTION CARRIED _____

MOTION DEFEATED _____

June 10, 2015

Mr. Shannon Price
Plymouth Township Supervisor
9955 N. Haggerty Road
Plymouth, MI 48170

RE: Lake Pointe Soccer Field Drainage Bids

Dear Mr. Price:

The Lake Pointe Soccer Park has been experiencing issues with ponding water on portions of the eastern soccer field during/after rain events. These areas are becoming saturated and damaging the turf and interfering with play. Two options have been considered to alleviate the drainage problems in these areas.

One method is called "Sand Slit" which move the water laterally through trenches that are typically placed on 8 - 10 foot centers throughout the field. The trenches are filled with sand and perforated drain pipe allowing the water flow from the field to the existing drainage system. The trenches are then covered with either sod or reseeded. Once the installation is complete, the fields cannot be used for a minimum of 3 months while the turf is re-established.

The other method is the "Energy-Passive Groundwater Recharge Product" (EGRP). The EGRP method is to drill vertical pipes to varying depths in the areas experiencing drainage issues. The pipes are 1 ¼" in diameter and have five chambers with open channels along the edges. This system works as the soils expand and contract as the moisture content in the soil changes. The installation will take approximately a week to complete and the fields would be ready for play after the installation is complete.

EGRP is a relatively new method that is receiving good results throughout Michigan, Ohio and in Europe. Originally this product was tested in the yards of homes that have experienced drainage issues with good success. This system has since expanded to other areas such as sports fields and park areas with the same success. An article (attached) co-authored by a professor at Lawrence Technological University, Dr. Don Carpenter, outlines projects that this system has been used on along with the results. The projects mentioned are little league ball field in Ohio and a cricket field in the UK that were both unplayable after rain events and now usable after rain events. Environmental Consulting & Technology, Inc (ECT) has prepared an executive summary (attached) outlining a project on Belle Isle with preliminary numbers that are showing good results.

In conformance with the requirements of the Township purchasing policy, a Request for Proposal (RFP) was advertised on MITN and the Township website to address the drainage at the soccer fields. The

contractors were required to submit their method of repair including a minimum of three demonstrated successful projects that have been completed within the past five years along with the fee to complete the project, including all labor, materials, permits and bonds. All contractors were required to be properly licensed and/or registered to provide the requested services in the State of Michigan.

A total of three bids were received on May 15, 2015. One bid was to install the EGRP method and two bids were to install the sand slit method. The bid to install the EGRP method was from Parjana for \$50,204.00 and the bids to install the sand slit method were from LJ Construction for \$128,500.00 and Water Management Specialist for \$123,658.00. All three are properly licensed to perform this type of work in the State of Michigan.

Our recommendation, based on the research provided, is to award the contract for the Lake Pointe Soccer Park Drainage to Parjana for the amount of \$50,204.00.

Should you have any questions or need additional information, please don't hesitate to contact me.

Sincerely,
Spalding DeDecker

A handwritten signature in blue ink, appearing to read 'D. E. Richmond', with a stylized flourish at the end.

David E. Richmond, PE
Project Manager

Attachments

Protecting watersheds through innovative drainage

The Energy-Passive Groundwater Recharge Product® is a new technology that can improve stormwater infiltration. Originally designed to promote drainage on sports fields and at private residences, it also can enhance the performance of green infrastructure and help reduce combined sewer overflows. **Donald Carpenter** of Lawrence Technological University and **Todd Houser** of DiGeronimo Aggregates LLC report on the technology's applications and how it works.

One of the root causes of the world's water woes is that development has dramatically altered the natural hydrologic cycle. Urbanization has increased the size and frequency of floods due to runoff generated by the built environment, which has simultaneously increased pollutant loadings and reduced groundwater recharge.

A typical natural forested watershed would generate about 10 percent surface runoff, while more than 50 percent of stormwater would infiltrate deep and shallow aquifers. However, extensive soil compaction and impervious surface cover greatly alters the site hydrograph, causing very limited infiltration and as much as 90 percent of rainfall volume ending up in runoff.

Aquifers also are reaching dangerously low levels from excessive pumping. In response to an increasingly dire situation, local, national, and even international organizations are calling for increasing sustainable watershed management practices.

In the urban environment, the design of stormwater systems can be very conservative – rightfully so, given the profession's commitment to protecting public health and

safety. As such, the adoption of innovative methods for capture and treatment of stormwater can be slow.

Slow adoption is exacerbated by drainage ordinances that dictate the use of proven methods for managing stormwater. Further, many ordinances do not address the imbalanced urban water cycle or promote infiltration as a volume-reduction technique. The industry has an over-reliance on pipes and stormwater ponds, which may alleviate some flooding but do not always address water quality issues or groundwater recharge.

Improved drainage applications

In many areas, standing water can cause significant human health risks from water borne diseases. The Energy-Passive Groundwater Recharge Product® (EGRP) was invented by Andrew Niemczyk, partner with Parjana Distribution, to eliminate standing water near homes by drying out basements and yards and eliminating those hazardous situations. While it began as a homeowner drainage technology, the EGRP has found additional applications, such as draining athletic fields and golf courses.

Proper drainage and supplemental watering of athletic facilities is an expensive and time-consuming business. The several installations of the EGRP on golf courses and sports fields in the United States and United Kingdom have shown notable results. When installed on a youth league baseball field in the US state of Ohio, the field went from practically unusable to playable – even after heavy rainfall events. A 2014 assessment by the UK-based Sports Turf Research Institute on a cricket pitch with significant drainage issues showed that the pitch exhibited increased infiltration after the EGRP system was installed. The head groundskeeper indicated the pitch is now useable after wet weather events, which was not the case before installation.

Additionally, the technology has been successfully installed at several airports in the United States and Europe to eliminate standing water that attracted nuisance birds, such as geese, which can be very hazardous on and near active runways.

The EGRP has now been installed at over 135 locations in three countries with a growing body of research documenting performance.

Green infrastructure applications

The expensive long-term solution to combined sewer overflows (CSOs) is to separate sanitary and storm sewers by installing new separate piping systems. In the near-term, urban areas are increasingly retrofitting communities with infiltration-based techniques for keeping untreated runoff from entering the sewer system in the first place. Increasingly common examples of green infrastructure practices that rely on infiltration for performance include rain gardens, bioswales, and porous pavement.

Infiltration is a critical design feature dependent both on the type of soil and the soil condition. Soil compaction is the enemy of sustainable landscaping practices. Therefore, it is important to minimize soil compaction during development, especially for soils underlying infiltration-based practices. Minimizing soil compaction also is important for vegetative establishment and growth. Dense soils will not promote optimum root growth and deep-rooted plants are excellent for promoting infiltration and evapotranspiration.



Before



After

Far left: A view of the partially flooded Edgbaston Cricket Ground practice field in Birmingham, England on March 13, 2014 – before EGRP installation.

Right: The Edgbaston Cricket Ground practice field in Birmingham, England on March 14, 2014 – after EGRP installation. The same part of the field was partially flooded from rains the day before installation. Photo Credit: Groundwater Dynamics

Because green infrastructure practices are dependent on underlying soils for performance, the use of EGRP systems to improve soil conditions and promote infiltration is an interesting application that needs further exploration.

To document how the EGRP system could assist in limiting CSOs, a 2014 investigation by Environmental Consulting and Technology, Inc. on an urban park in Detroit, Michigan, United States showed that the technology reduced volume of flow into the combined system by 63 percent over a three-month period when compared to a control site. The reduced flow volume represented more than 380 cubic meters of stormwater across a 10-hectare site. That stormwater would have been either treated at the wastewater treatment plant for a significant cost, or it could have triggered a CSO event and caused untreated sewage to flow into the nearby Detroit River.

Compared to the adjacent control site, research data also indicated that there was no measurable effect on groundwater levels in the zone with EGRPs installed. This suggests stormwater that previously flowed into the combined system is now being stored in the near-surface soil pore space.

Ultimately, increased surface infiltration will promote groundwater recharge, but that appears to be a longer-term process. An investigation conducted by Michigan State University researchers at the Coleman Young Airport in Detroit showed the EGRP improved the movement of water in the downward direction. It did not, however, overly accelerate the flow of contaminants vertically.

The vertical movement of contaminants into the groundwater is a concern of regulatory agencies that fear this technology acts like a vertical drain or conduit. Results from the investigation, however, suggest contaminants are not directly moving from surface water to the groundwater. This is an area that needs further exploration.

Another area for further research is the use of EGRP in agricultural areas. There are significant issues – among them serious algal blooms – with agricultural runoff and its high nutrient loads. If the EGRP could balance soil moisture, promoting healthy root growth while



INFILTRATION IS A CRITICAL DESIGN FEATURE DEPENDENT BOTH ON THE TYPE OF SOIL AND THE SOIL CONDITION.

Above: The top view of the Energy Groundwater Recharge Product. Photo Credit: Andrew Niemczyk, EGRP inventor and partner with Parjana Distribution

limiting surface runoff, it could replace traditional drainage tile systems and limit the amount of supplemental watering and fertilization required by crops. Combining the EGRP with expanded shale – which has high-flow, phosphorus-sorption, and plant growth benefits – holds promise for soil and water quality improvements. Soil scientists and agricultural engineers are just beginning to investigate this application.

How it works

To understand how the EGRP works, it is important to understand water movement in soil. The EGRP is a patented technology that manages surface water and groundwater by addressing the nuanced nature of water's movement through soil.

The EGRP is a five-chamber, extruded hydrophobic polyethylene plastic tube, with open channels along the edges to

facilitate movement of water. Generically, the EGRP can be classified as a vertical capillary-driven drainage device, but in reality, it is more complex than most vertical drainage systems.

In a typical installation, the top of the EGRP is positioned 60 centimeters below the soil surface and continues down for depths between 1.5 to 6 meters. Multiple EGRP devices are installed in groups across an area in a pattern designed for the particular application.

The pattern allows the EGRP to join separate soil layers and promotes connectivity across the soil matrix, allowing both mass flow and diffuse water movement. The EGRP promotes surface infiltration, and it increases the volume of stormwater that can be infiltrated and stored in the soil matrix by balancing soil-water potential across the vertical and horizontal soil strata in the vadose (unsaturated) zone. This

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functionality corresponds to improved connectivity between macropores. This connectivity between macropores is necessary for mass flow of free water that is unaffected by soil-water tension, which is negative pressure or suction. Improved connectivity between smaller pores is also essential to diffuse water movement under tension.

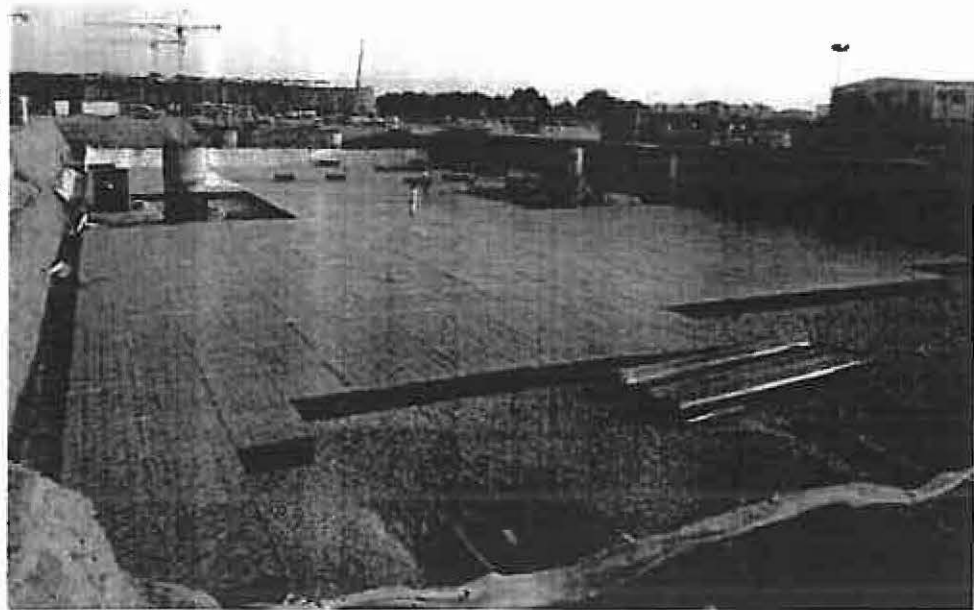
Water state condition in the vadose zone can change significantly, at least seasonally, from dry (greater than 1500 kilopascal of tension), to wet (less than 1.0 to greater than 0.0 kilopascal), and to wet-satiated (less than 0.0 kilopascal of tension). So, improved connectivity between macropores and smaller pores is beneficial to overall water regulation – including infiltration, storage, deep percolation, evapotranspiration, and more. While improved downward, free-water flow due to the force of gravity is critical for improved volume reduction and groundwater recharge, the upward movement of soil-water under tension is necessary to the supply of plant-available water and evapotranspiration losses during summer months and periods of drier water-state conditions.

The EGRP represents an innovative approach to managing stormwater runoff in a practical way, in a variety of settings. While research has not positively concluded the performance of the system in all soil conditions or settings, the EGRP has been documented to perform remarkably well in many situations. The performance of this system, and others, needs to be documented and disseminated to advance innovation in stormwater management.

Authors' Note

Donald Carpenter is a professor of Civil Engineering and director of the Great Lakes Stormwater Management Institute at Lawrence Technological University in Southfield, Michigan. Carpenter also is a professional engineering and practicing green design professional.

Todd Houser is a technical sales representative and soil physicist for DiGeronimo Aggregates LLC, a national industry leader in the production of a lightweight expanded shale aggregate, Haydite. Houser has a Master of Science in Soil Physics and has served as auxiliary faculty in soil management for Ohio State's Agricultural Technical Institute.



Water flow and storage solutions in dry climates

Stormwater drainage systems using vortex flow control and geocellular storage technology were installed to help manage large volumes of stormwater with high concentrations of grit and sand for high-speed rail stations in both Jeddah and King Abdullah Economic City in the Middle East. **Clive Evans** of Hydro International explains.

Jeddah's devastating flash floods in November 2009 shocked the world. The deluges in the Saudi Arabian coastal city caused chaos and destruction at the height of Hajj, the annual Islamic pilgrimage season. At least 120 people died when 90 millimeters of rain fell in less than 24 hours – twice the region's average for an entire year.

The sheer intensity of the rainfall in an otherwise arid climate was a clear outcome, many believe, of climate change. Cars were swept up in almost one meter of fast-moving water and deposited in ugly piles as the water receded. There were repeated floods in following years.

Rapid economic growth, ambitious infrastructure investment, and huge population expansion are overwhelming the existing stormwater network in Saudi Arabia – a common situation in many Middle East countries today. Infrastructure investment

continues rapidly across the region. Development is now being matched by multi-million dollar funding to build storm drains and improve the stormwater and foul water networks.

Combining local knowledge with the best in civil engineering and planning expertise from across the globe, far-reaching drainage measures are planned to prevent repeated disasters. Such measures are essential – not just to protect lives and livelihoods, but also the valuable new developments themselves as many flagship and iconic buildings are linked with major new world-class road and rail projects.

To address storm drainage infrastructure, governments can turn to developing international disciplines such as sustainable urban drainage systems (SuDS), low impact development (LID), and water sensitive urban design (WSUD). But with so many technologies originally designed

for more temperate regions, it's important to track down the best solutions to deal with the unique challenges of an arid climate, specifically large quantities of fast-flowing water and high concentrations of suspended grits and sand.

Water storage for railway project

One example can be found in the construction of the 449.2-kilometers, high-speed Al Haramain railway, which links the Muslim holy cities of Medina and Mecca via King Abdullah Economic City, Rabigh, Jeddah, and King Abdulaziz International Airport. It is one of Saudi Arabia's most prestigious and far-reaching infrastructure projects.

Each of the railway's four main stations blends modern and traditional Islamic designs, with shops, restaurants, mosques, car parking, and a helipad.

The water and drainage systems

**BELLE ISLE EGRP PILOT DEMONSTRATION
PRELIMINARY DATA SUMMARY**

Environmental Consulting & Technology, Inc. (ECT) has been contracted by H2Opportunities (H2Opps) to conduct an independent, 3rd party evaluation of the effect of a storm water mitigation technology and its effect on the burden of storm water encumbered by the storm sewer system on Belle Isle in Detroit, Michigan. The technology in question is referred to as EGRPs, and to this effort, EGRPs were installed on a test site (Shelter Area 3) and not installed on a comparable control site (Shelter Area 6). The purpose of our study was to simply quantify storm sewer flow on the test and control sites and determine if there was a discernible effect on the volume of storm sewer encumbered by the storm sewers related to the presence of the EGRPs. As such, ECT deployed storm sewer flow metering instrumentation at key storm sewer structures on both the test site and the control site.

Below is a simple data summary table from the Belle Isle EGRP Pilot Demonstration. Consider the time period 5/4 through 6/30/2014 to be our most reliable “Pre” or “Early Acclimation” data. Then, consider the time period 7/20 through 9/15 to be the current “Post” data. The two time periods selected are 58 days long. All of this data is generated from a common installation of the flow meter instrumentation.

Site	Site Description	Early Acclimation (5/4-6/30)		Most Recent Data (7/20-9/15/14)		% Reduction in Flow
		inches	gallons	inches	gallons	
Precipitation	Dossin Weather Station	7.04		8.54		N/A
Control	MH02-W		1,197,788		1,218,619	-2%
Test	MHO		206,043		76,463	63%

As shown in the table above, the storm sewer on the test site has experienced a significant reduction in flow (approximately 63%) for a time period that received more precipitation. In addition, the control site did not show any significant reduction in storm sewer flow over the same period. This reduction appears to be attributable to the primary variable in the study – the presence of EGRPs.

In addition to this storm sewer monitoring, groundwater elevation monitoring was conducted at multiple piezometer or monitor well locations on both sites. The purpose of this monitoring was to record water level or groundwater elevation data at a tight temporal frequency to allow for comparison of groundwater elevations (or water table fluctuations) over time at both sites. Groundwater elevations were recorded every 10 minutes at multiple locations, and the results suggest that there is no effect on the local groundwater elevation related to the presence of EGRPs. In other words, the water table or groundwater elevation fluctuated similarly on both the test and control sites, with no apparent or discernible trend related specifically to the presence of EGRPs.

Flow meter instrumentation was left in place through mid-December 2014 and has recently been retrieved. Preliminary analysis of that data suggests a similar pattern, i.e. significant reduction in storm sewer flow on the test site in comparison to the control site. A final 2014 report is forthcoming and anticipated by the end of January 2015.


The logo for STRI, consisting of the letters 'STRI' in a bold, white, sans-serif font. The text is positioned on a dark green rectangular background that features a subtle, stylized pattern of grass blades.

Ground Water Dynamics Ltd

Assessment of Edgbaston County Cricket Club Practice Area

Report Date: 1st April 2014

Consultant: Paul Woodham

A close-up photograph of a lush green grass field, showing individual blades of grass in sharp focus against a slightly blurred background. The lighting is bright, creating a vibrant green color.

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www.stri.co.uk



CONFIDENTIAL

Date of Visit: 28th February 2014

Visit Objective: To carry out an independent condition and performance assessment of the practice area in relation to drainage installation works.

Present: Mr Paul Woodham – STRI
Mr Thomas Jacques - STRI

Weather: Dry and sunny. No rainfall in the previous 72 hours.

Contents	
Executive Summary	3
Key Observations	4
Performance Data	6
Discussion	11
Appendices	12

Executive Summary

- STRI Ltd was commissioned to undertake an independent assessment of the practice area at Edgbaston County Cricket Club looking at performance characteristics including infiltration, surface firmness, soil conditions and how these might be influenced by moisture distribution, drainage and other factors. Performance measurements were taken using STRI industry standard operating procedures recording data through the pitch.
- The Edgbaston County Cricket Club has installed a Ground Water Dynamics vertical capillary drainage system in order to improve drainage potential in areas known to hold water. The option for a traditional primary pipe drainage system is understood to have been considered difficult to install due to the absence of an easy outfall and as such an alternative primary system to vertically move the water through the profile to a more permeable horizon or to a lower clay structure is worthy of consideration if achievable.
- The site is maintained at a lower level for a sports turf facility compared to the main pitch and this is understood not to be a priority for the Club as other practice facilities are favoured. As a result the performance of the area at times of weather extremes (prevailing wet or prevailing dry conditions) is likely to be vulnerable.
- The soil profile consists of poor texture for a sports turf facility, high in silt and clay content and as the profile has become compacted to further reduce drainage potential. The drainage performance of the area is already compromised by being landlocked by the surrounding construction of roadways. The surface levels are also uneven with low areas existing prone to collecting rainfall.
- Moisture content within the upper 60mm was present at levels higher than ideal for a sports turf facility at the time of inspection largely as a result of what is considered to be natural retention following rainfall or irrigation within the excess layer of thatch which is present in the upper profile, confirmed through soil sample analysis and above the layer of compaction.
- Surface firmness values were variable ranging from what is considered as being a little soft to the upper end of the target performance beyond which the surface would be considered to be coming to firm. Surface firmness and moisture distribution do not appear to be linked to the performance of any drainage system, but more so to the conditions existing within the upper 100mm of the soil profile, including organic matter.
- Infiltration results confirm the presence of naturally low drainage potential. Results do however demonstrate increased infiltration in areas previously considered by the Club as being most susceptible to flooding. The drainage infiltration rates achieved are more promising and higher than could have been expected given the nature of the site and this could suggest positive influence of the GWC system.
- The comparison of infiltration results at points close to the location of the main EPRG pumps suggests a positive effect mirroring the Club's feedback of improved performance in what is understood to be known weak areas. The report however cannot verify the condition and performance of the area prior to GWD installation.
- The report considers that full potential of drainage and pitch performance will not be seen until cultural methods are applied including deep and shallow tine aeration, thatch control via coring and/or scarification and topdressing.

Key Observations

STRI Ltd has been commissioned by Ground Water Dynamics Ltd to provide an independent assessment of pitch performance on a training pitch used as run up to a series of practice wickets.

A Ground Water Dynamics system has been installed through areas of the training pitch. The location of the ERPG pumps was not known at the time of inspection and there was no visible markings, neither installation marks of turf stress signs, which would visually identify the drains.

The area lies adjacent to the main road entrance and car parks.



Google earth™ image of the training area (marked in blue).

The following notes detail the key observations recorded during the inspection.

- In general turf health was good for the time of year. The poor weather conditions over the winter months, in particular the amount of rain that has fallen, has been very challenging for groundsman across the country. Considering the inclement weather, the playing surface was relatively firm and dry.
- Turf density was good with the surface being predominated by annual meadow grass (*Poa annua*) with intermittent ryegrass (*Lolium perenne*) in between. There were also some small populations of bentgrass (*Agrostis* spp.) and fescue (*Festuca* spp.) within the sward. The most northerly edge of the training facility had the highest concentrations of annual meadow grass. This area is used as a turf nursery for the main pitch and gets more disturbance than other areas.
- One of the wetter areas on the practice facility was a low lying area within Sector 3 (identified in the CAD infiltration plan Appendix III). This is an area where it is understood that historically water has gathered due to its low lying nature. Sward cover in this area was around 85% with a good percentage of live cover within this at around 80%. Species composition was a mix of *Poa* and ryegrass with small populations of bentgrass and fescue.

- From cores taken, maximum rooting was seen at 160mm whilst the average rooting was somewhat shorter than this at 50mm. From samples taken there was a visual accumulation of organic matter of about 30mm (confirmed in LOI organic matter analysis) with a much layered appearance. This will be due to an irregular top dressing programme where thatch is allowed to build up between applications of sand.



Layered thatch existing within the upper profile.

- There was also a textural break just below the thatch layer from 30-50mm, again due to intermittent top dressing and potentially different and non-compatible sands being used. The textural break goes from a sandy silt material into heavier clay silt below the break. Profiles also demonstrated signs of compaction at 60-80mm showing a very tight clay loam soil structure. The root break at this depth will have been compounded by the compacted nature of the soil.
- The adjacent Sector 4, which lies just to the west of the low wet Sector 3 showed a distinct improvement of turf cover. Percentage grass sward cover increased to about 90% with an increase in live cover to about 85%. Species composition remains a high percentage of poa annua with intermittent ryegrass but also increased fescue populations. This would indicate a more freely draining profile beneath the surface. From cores taken in this sector we can see that maximum rooting remains the same at around 160mm but there was an increase in average root depth from 50mm in Sector 3 up to 100mm in Sector 4. There was still a visual thatch layer present but this decreases in size to around 15-20mm from the 30mm layer in Sector 3. There was no textural break present within this and layering is also reduced. The upper 70mm appears to be a clay loam leading into a more silty base below.

- There were a few weeds present with species being sparse populations of dandelions and daisies. A little disease was noted with populations of red thread and leaf spot being observed. The red thread is indicative of a nutrient deficiency namely nitrogen.



Soil auger samples showing the depth of the clay loam profile. Compaction was identified at 60-100mm depth.

Performance Data

Methods

The following assessments were used to support the observations noted during our site inspection.

- Hardness using a 2.25kg Clegg Hammer dropped from 0.45m (STRI SOP 200906 with revised test mass). Measurements were taken at 2m intervals.
- Moisture content of the upper 60mm using a Theta Soil Moisture Probe. Measurements recorded at 2m intervals in the same location as Clegg Hammer assessment.
- Infiltration using double ring infiltrometer (STR SOP 1B0498). 5X measurements taken in six sectors through the pitch (a total of 30 infiltration assessments).
- Particle size distribution taken through 150m depth soil profile.
- Organic matter measurement at 20mm depths using loss on ignition analysis.

Results

Particle Size Distribution

Soil samples were collected throughout each target area. Sample depth was maximum 150mm depth. Particle size distribution (PSD) tests were carried out at STRI laboratories and the results are plotted into the table detailed below.

Particle Size Distribution		
Category	Diameter	
Stones	>8	-
Coarse gravel	8-4	-
Fine gravel	4-2	-
Very coarse sand	2-1	3
Coarse sand	1.0-0.5	7
Medium sand	0.5-0.25	17
Fine sand	0.250-0.125	15
Very fine sand	0.125-0.050	7
Silt	0.050-0.002	31
Clay	<0.002	20
Loss-on-Ignition	% oven dry fine earth	9.1
Soil texture		Clay loam

- PSD analysis classifies soil texture as clay loam and would not be considered to be free draining.
- The wide spread of soil particle size will increase the potential for interpacking therefore lower natural drainage potential.

Organic matter

Samples were taken and submitted to our laboratory to assess the organic matter content of the upper soil profile beneath the sward. Organic matter content is important because high levels can adversely affect playing quality (soft surfaces) and also increase the risk of potentially damaging conditions such as disease and dry patch developing.

The results of the organic matter content testing are contained in the table below.

Organic Matter Content	
Loss on Ignition (%)	
Depth	%
0-20 mm	24.2
20-40 mm	9.6
40-60 mm	8.8
60-80 mm	7.8

- Organic matter content is high within the upper 20mm. Although there is no researched guidelines for target ranges for sports outfield, I would suggest that values <10% in the top 20mm would be ideal in order for water to infiltrate without excess interference.
- Values at 20mm and below are also a little high >4% and again would show improved drainage potential if reduced.

Soil Moisture Content

Soil moisture was assessed using a Theta Soil Moisture Probe measuring volumetric water content (VWC) within the upper 60mm of the soil profile. Measurements were taken at 2m intervals through the pitch with results detailed in Appendix I Soil Moisture CAD map.

- Soil moisture content was higher than the ideal for a sports turf pitch set between 20-30% VWC. Average moisture was 45.2% VWC with Standard Deviation ± 5.64 . A figure of greater than 2.0 is considered to indicate a set of results which are too variable.
- At the time of inspection there had been no measurable rainfall for a period of 72 hours and yet moisture levels were still higher than ideal. Moisture distribution was variable with higher levels of moisture retention found through the north half of the pitch, however the central section of the north half found significantly drier point of 32% VWC within an area surrounded by soil moisture values of 50-60%.

Surface Firmness

Pitch hardness was recorded using a 2.25kg Clegg Hammer taking measurements at the same 2m intervals as the location for soil moisture assessment. A CAD plan of results is detailed in Appendix II of the report.

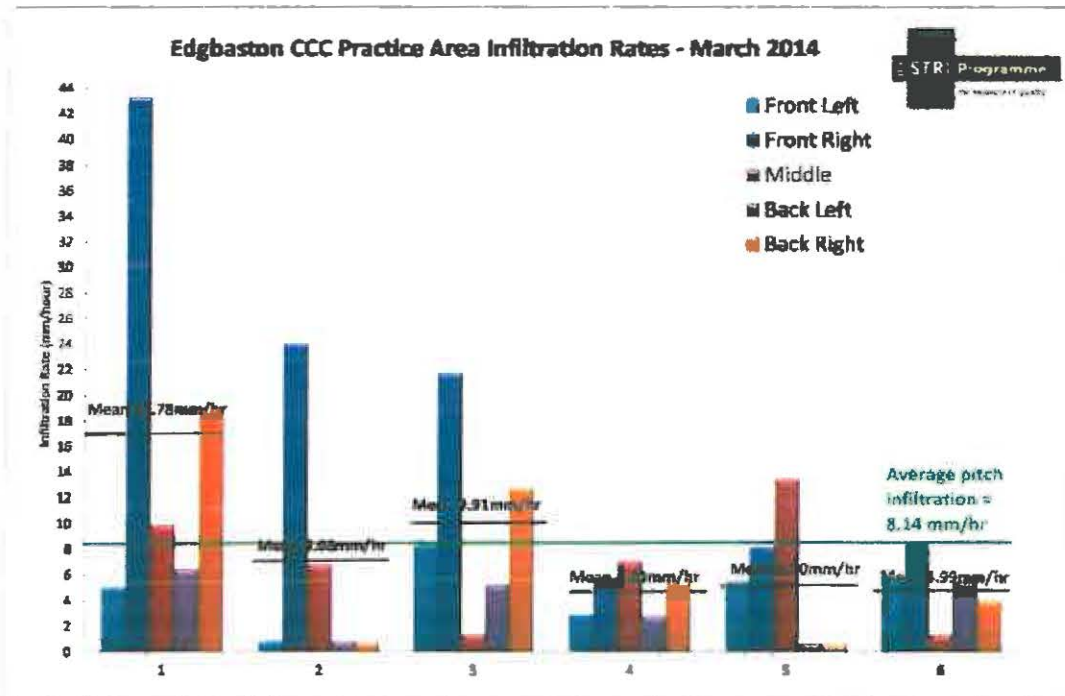
- Average pitch hardness was 64 gravities, Standard Deviation ± 5.72 , therefore at the lower end the ideal 60-100 gravities which would present ideal surface for sports turf facility.
- The distribution of firmness was largely consistent through the main playing areas, although harder along the south east perimeter of the measured area and at points along the south edge. These areas influenced the standard error results. A \pm figure of greater than 3.0 for hardness may in this situation be considered to indicate inconsistent surface firmness. Such a result would indicate that the pitch contains both hard and soft areas, which isn't ideal.
- Comparing the soil moisture map to hardness map there appears to be a relationship between higher moisture content and reduced hardness. This is a relationship we would expect and will be influenced, and by the nature of how thatch reacts holding on to moisture.

Infiltration

Infiltration was measured using double ring infiltrometers. This was done in accordance with SOP IB0498 specified as a method to test for the determination of water infiltration rates on natural turf. Thirty measurements were carried out across the pitch which was divided into six sectors with five

measurements in each sector. This method is considered the most accurate for testing in-situ drainage compared to intact cores submitted to the laboratory for hydraulic conductivity tests.

The results are detailed in the bar chart below and in the CAD plan Appendix III.



- Average pitch infiltration measured 8.51mm/hour but with standard error ± 8.99 suggesting that the spread of infiltration is extremely variable. Criteria for IOG suggested Performance Quality Standards is min. 10mm/day (standard performance).
- Minimum infiltration was found in the south left and south right sectors of area 5 bordering the south edge of the measured pitch. Other areas also recorded infiltration lower than 1mm/hour randomly spread across the pitch.
- The highest levels of infiltration were recorded in the north east corner of the pitch whilst the top right corners of area 2 and area 3 recorded infiltration over 20mm an hour meeting requirements for international standard of the main pitch outfield.
- The results suggest that accelerated rates of drainage are being achieved in random locations across the pitch. This could be a characteristic influenced by the GWD system.



Infiltration assessments set out in Sector 3.

Discussion

- The assessments were carried out without the knowledge of the location of Ground Water Dynamics EPRG drainage pumps. All measurements were carried out in a systematic basis to produce the performance results and maps.
- The maps of drainage installation subsequently supplied by Ground Water Dynamics suggest that the highest level of infiltration recorded appear to be within the regions of the major EPRG pumps installed at depths below 20ft.
- Overall infiltration remains low in certain areas but this is not surprising given the low drainage potentials of the native soils and poor structure with evidence of compaction and presence of excess thatch.
- The area is not managed to high level of sports turf standards where frequent play is required but this is not a criticism just an observation. It is important to note when understanding the results.
- Installation of EPRG pumps as primary drainage offers drainage potential which the Club can now access more readily through an enhanced level of maintenance.
- Moisture retention is likely to be the result of excess thatch and compaction with the former having critical influence on performance.

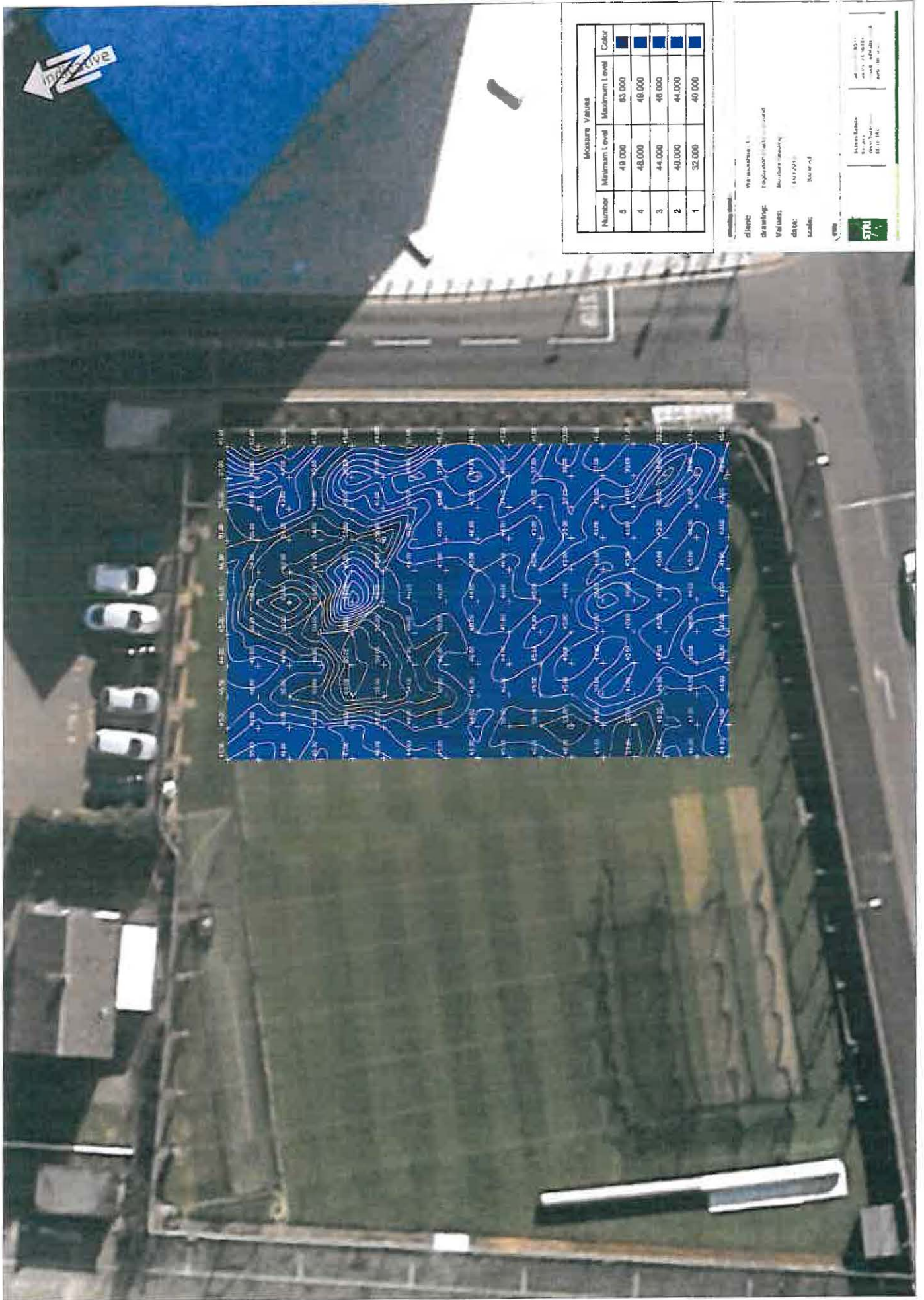
Signed



Paul Woodham BSc (Hons), MBPR
Turfgrass Agronomist, Agronomy Services Manager

STRI is completely independent and has no allances to commercial products, services or contractors. This ensures that our design, project management and advisory services provide the best solutions for each individual client.

APPENDIX I – SOIL MOISTURE



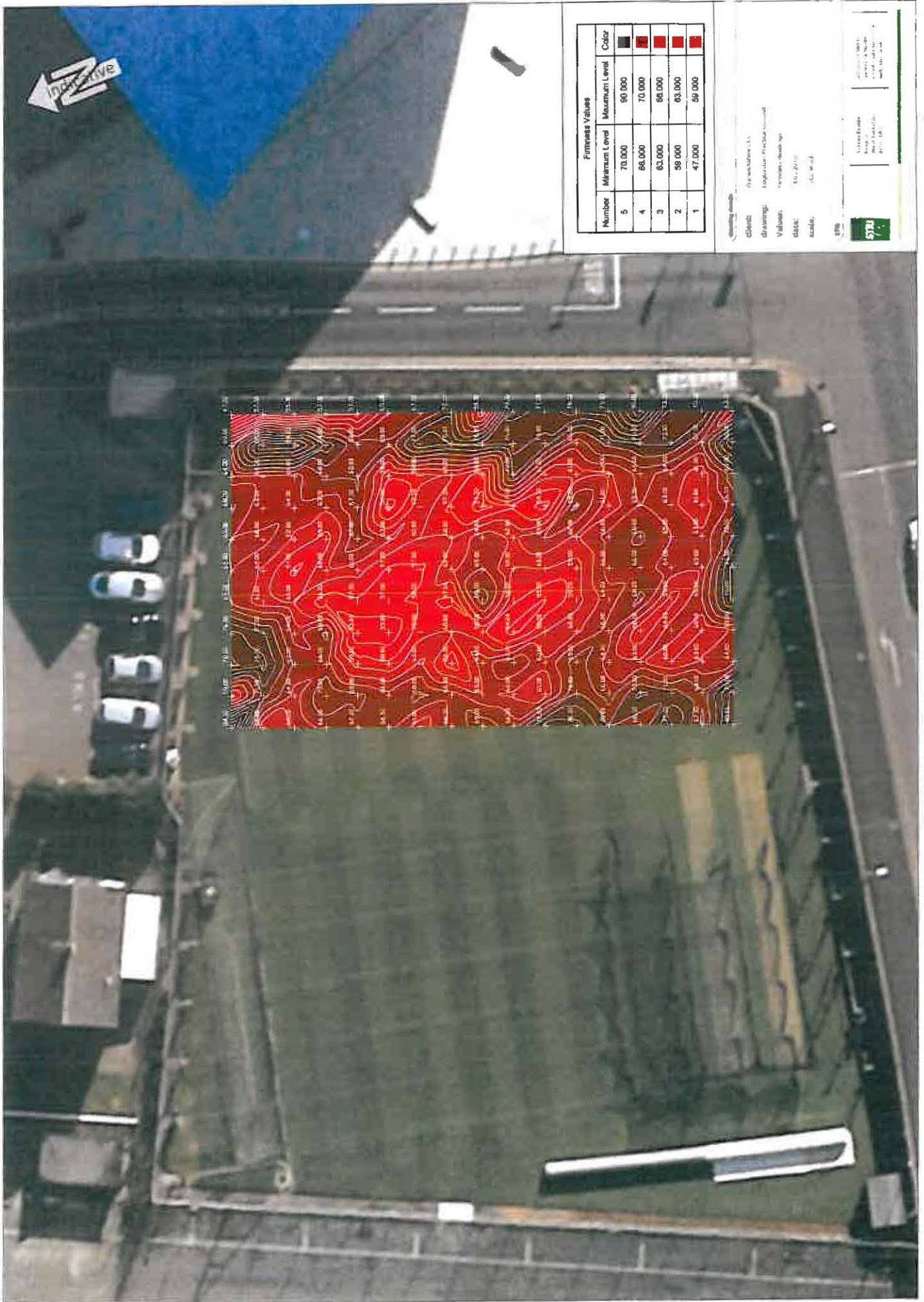
Ingressive

Moatamp Values			
Number	Minimum Level	Maximum Level	Color
5	49.000	53.000	■
4	48.000	48.000	■
3	44.000	48.000	■
2	40.000	44.000	■
1	32.000	40.000	■

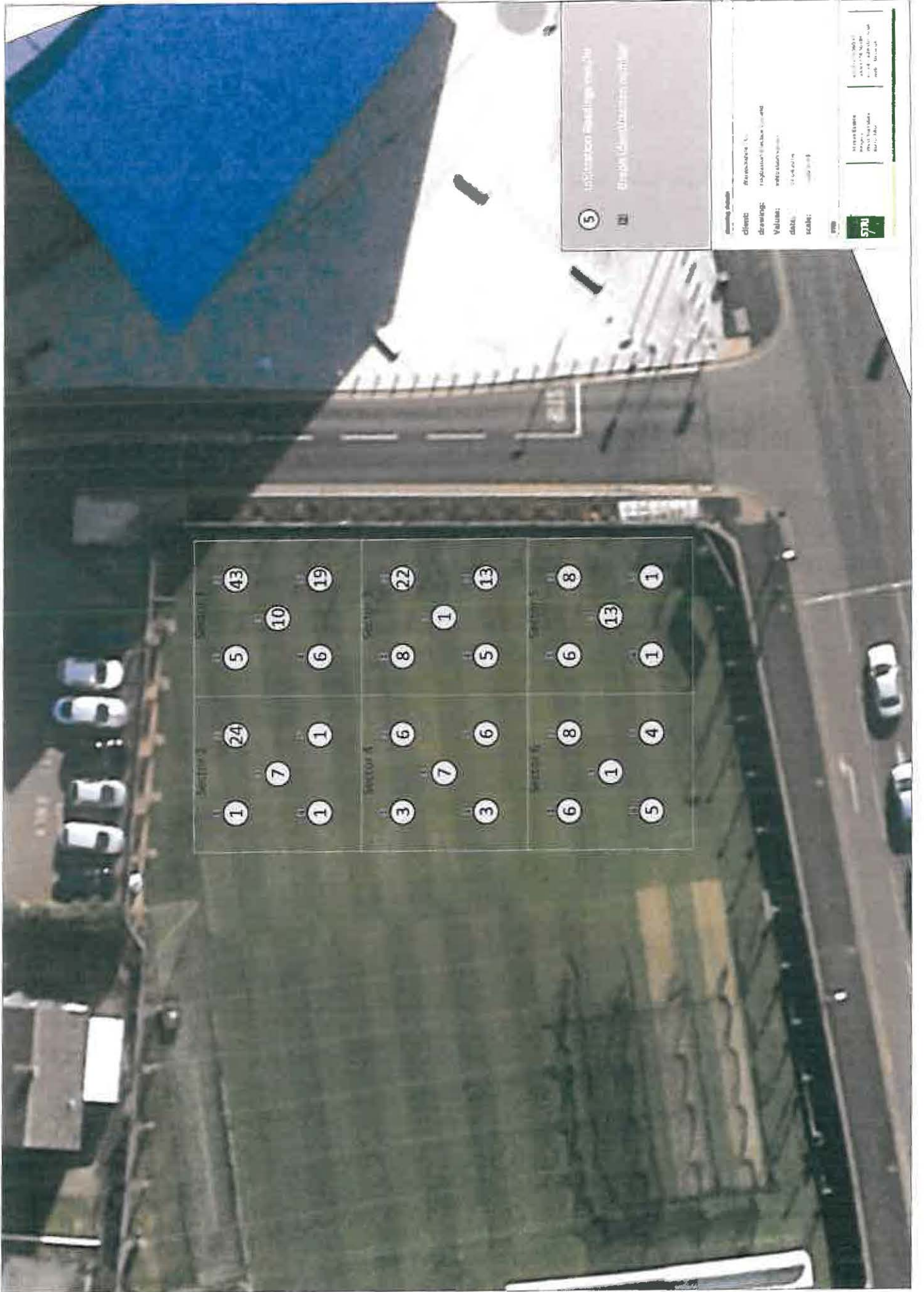
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 drawing: 141000001.dwg
 Values: 1:100
 date: 2017/01/10
 scale: 300 x 0.4

STAL
 1990-2017
 100% Satisfaction
 24/7 Support

APPENDIX II – FIRMNESS



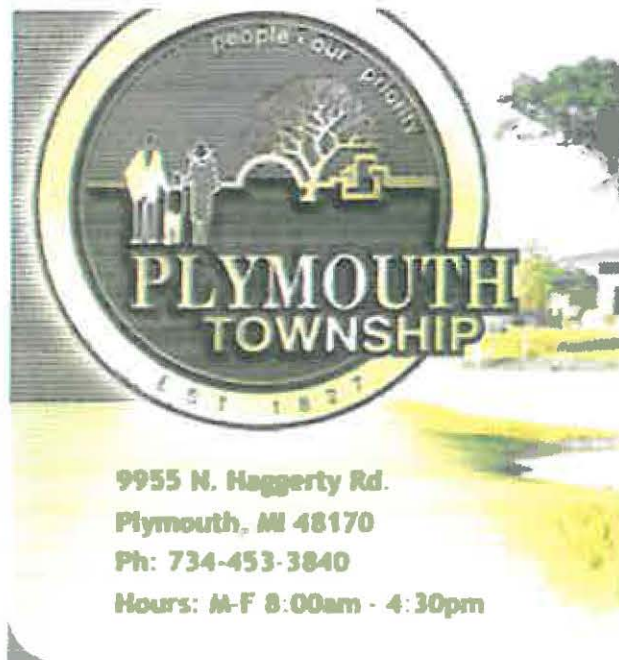
APPENDIX III - INFILTRATION



**PLYMOUTH TOWNSHIP
LAKE POINTE SOCCER FIELD DRAINAGE**

**AS READ BID TABULATION
5/15/2015 at 2:00pm**

Company	Addendum #1	Addendum #2	Bid Bond	Total Bid Price
LJ Construction	yes	yes	yes	\$128,500.00
Water Management Specialist	yes	yes	yes	\$123,658.00
Parjana	yes	yes	yes	\$50,204.00



Proposal for
The Charter Township of Plymouth
Lake pointe Soccer Park
14435 N. Haggerty Rd.,
Plymouth, MI 48170

Contract to Install Parjana® EGRP® System

SDA Job No PL15-000.

Date: 05-14-2015

Customer: Nancy Conzelman, Clerk
Charter Township of
Plymouth

Job Name: Lake Pointe Soccer Park

Billing Address: 9955 N. Haggerty Rd

**Job Address
("Location"):** 14435 N. Haggerty Rd.,

City, State, Zip: Plymouth, MI 48170

City, State, Zip: Plymouth, MI 48170

Contact: Nancy Conzelman, Clerk

Email:

Phone:

OPPT#: 152

This Contract is made by and between Parjana Distribution, LLC hereinafter referred to as "Installer", and Nancy Conzelman, Clerk, Charter Township of Plymouth, hereinafter referred to as "Owner". In consideration of the mutual promises and undertakings set forth herein, Contractor and Owner hereby agree to the terms and conditions set forth herein.

Item Description	Cost
Furnish labor and materials for the installation of 8,120 linear feet of EGRP® at MSPR \$9.20 and 972 caps	\$74,704
Discount apply	\$24,500
Total Cost	\$50,204

Payment Terms: 50% before installation/ 50% due on completion



1274 Library Street, Suite 600, Detroit, MI 48226
855-Parjana (855.727.5262) Fax: 313.915.5448
Website: Parjana.com Email: info@parjanadistribution.com

Parjana® Approved Layout

The custom designed layout for your property has been determined based upon the information the owner provided to the Certified Parjana® Representative in order to address the problem of:

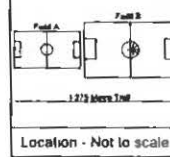
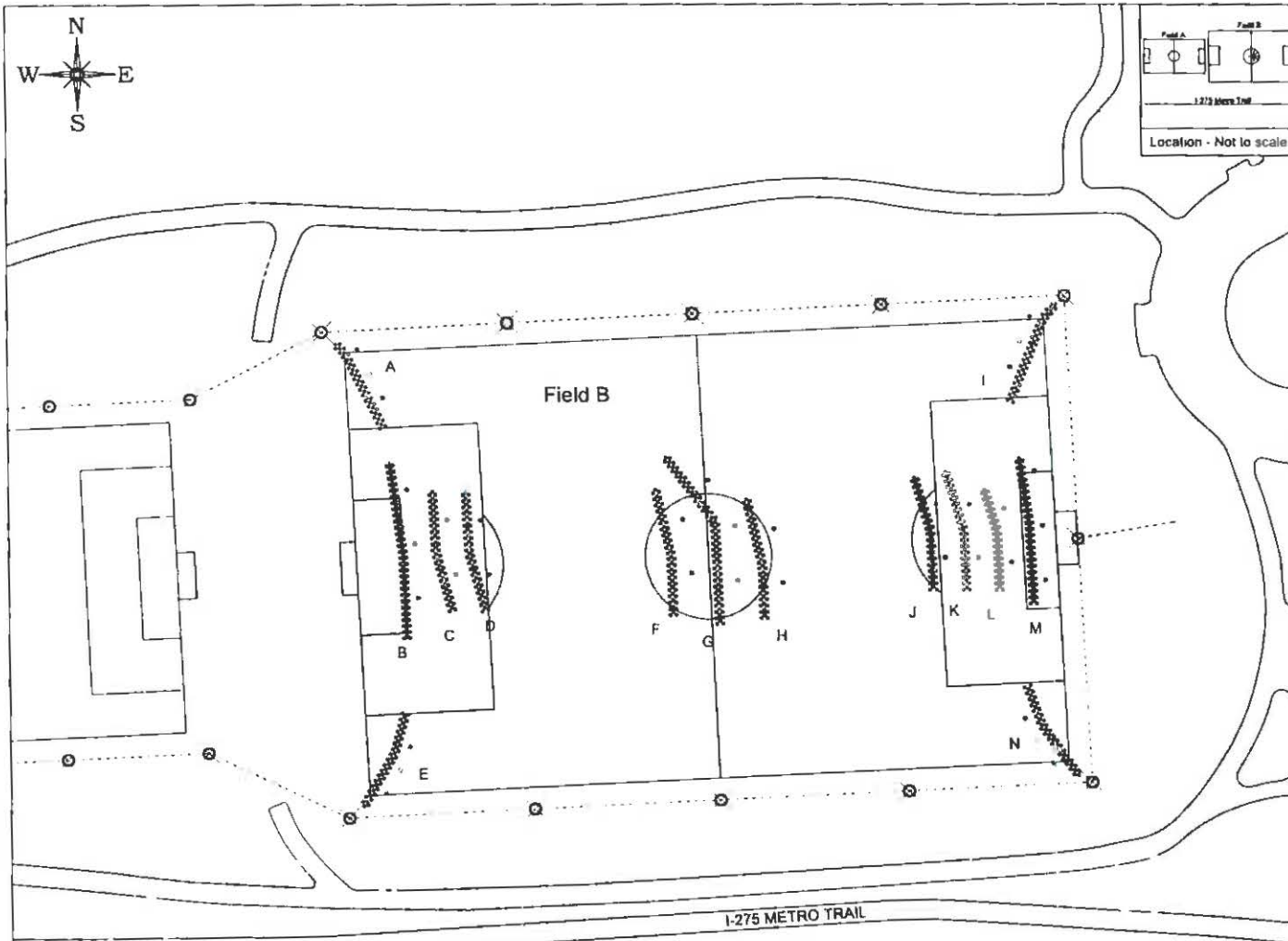
PROVIDED BY PARJANA®

The solution designed based on the Owner's expectations and provided information shall:

PROVIDED BY PARJANA®

Any changes to the layout will constitute the need for a re-design and may alter the expected results of the system. All changes to the Approved Layout void all prior solutions until such time as a new solution is put into place.

INSERT COPY OF LAYOUT PROVIDED BY PARJANA®



EGRP Installation

Label	Length (ft)	EGRP Device (segments)				EGRP	Linear Feet	Caps
		5'	10'	20'	40'			
A	44	30	10	2	1	97	97C	67
B	111	95	10	1	0	105	105C	75
C	12	10	2	0	0	12	12C	9
D	12	10	2	0	0	12	12C	9
E	47	34	11	1	1	64	64C	45
F	14	12	1	0	0	13	13C	9
G	15	13	1	0	0	14	14C	10
H	15	13	1	0	0	14	14C	10
I	15	13	1	0	0	14	14C	10
J	15	13	1	0	0	14	14C	10
K	15	13	1	0	0	14	14C	10
L	15	13	1	0	0	14	14C	10
M	15	13	1	0	0	14	14C	10
N	15	13	1	0	0	14	14C	10
Total	378	334	22	4	1	441	441C	314

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together.

LEGEND

- 5' EGRP
- 10' EGRP
- 20' EGRP
- 40' EGRP
- Building
- Water
- Structure
- Pavement
- Landscaping
- Open Area
- Tree
- Water Well
- Manhole & Sewage
- Sewage Line
- Property Line

Address: Lake Point Soccer Fields, Plymouth, MI

Drawing Name: Field B Overview

Drawn By: N.R.

Scale: 1" = 50'

Date: 5.08.2015

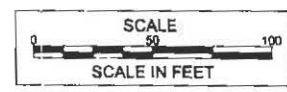
Parjana, Inc.

UTILITY NOTE:

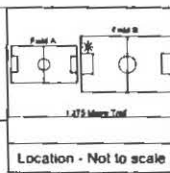
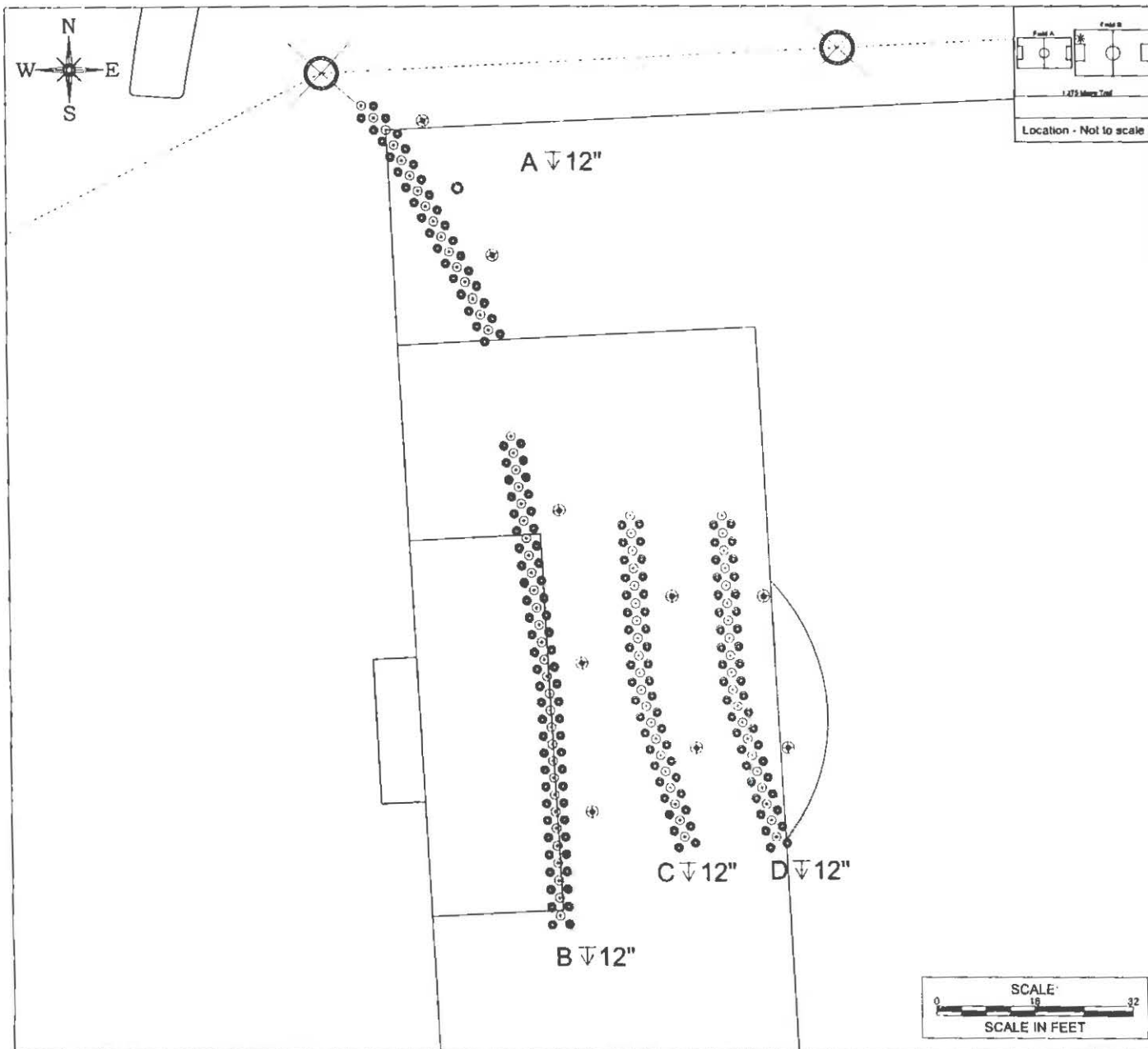
All water main, storm sewer, sanitary sewer and public lighting utility as shown herein are taken from the best available records as disclosed by the various utility companies and/or municipalities, no guarantee can be given by Parjana as to the accuracy or completeness thereof, gas and electric company utility were unavailable at the time of issuance of the survey.

Note:

Boundary description as provided existing utilities above and below ground have not been verified



811 Know what's below
APPROVED
 By Andrew Niemczyk at 2:02 pm, May 11, 2015



EGRP Installation

Line	Length (ft)	EGRP Depth (ft)				EGRP	Linear Feet	Caps
		10'	15'	20'	25'			
A	11	20	15	2	0	81	121	27
B	2	20	15	2	0	40	70	16
C	16	20	15	2	1	49	157	34
D	14	20	15	2	1	50	147	33
E	1	20	15	2	1	17	47	10
F	50	20	15	2	3	65	202	45
G	13	20	15	2	1	41	113	25
H	10	20	15	2	1	32	82	18
I	11	20	15	2	1	47	121	27
J	22	20	15	2	3	69	220	49
K	25	20	15	2	3	62	229	50
L	17	20	15	2	1	51	147	31
M	15	20	15	2	1	38	117	25
N	11	20	15	2	1	44	111	24
Total	138	20	15	2	1	527	1,614	352

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together

LEGEND

- 5' EGRP
- 10' EGRP
- 20' EGRP
- 40' EGRP
- Building
- Water
- Structure
- Pavement
- Landscaping
- Open Area
- Sewage Line
- Property Line
- Tree
- Water Well
- Manhole & Sewage

Address: Lake Point Soccer Fields, Plymouth, MI

Drawing Name: Field B: Zone 1 Overview

Drawn By: N.R.

Scale: 1" = 16'

Date: 5.08.2015

Parjana, Inc.

UTILITY NOTE:

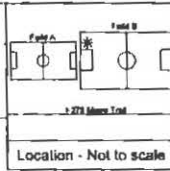
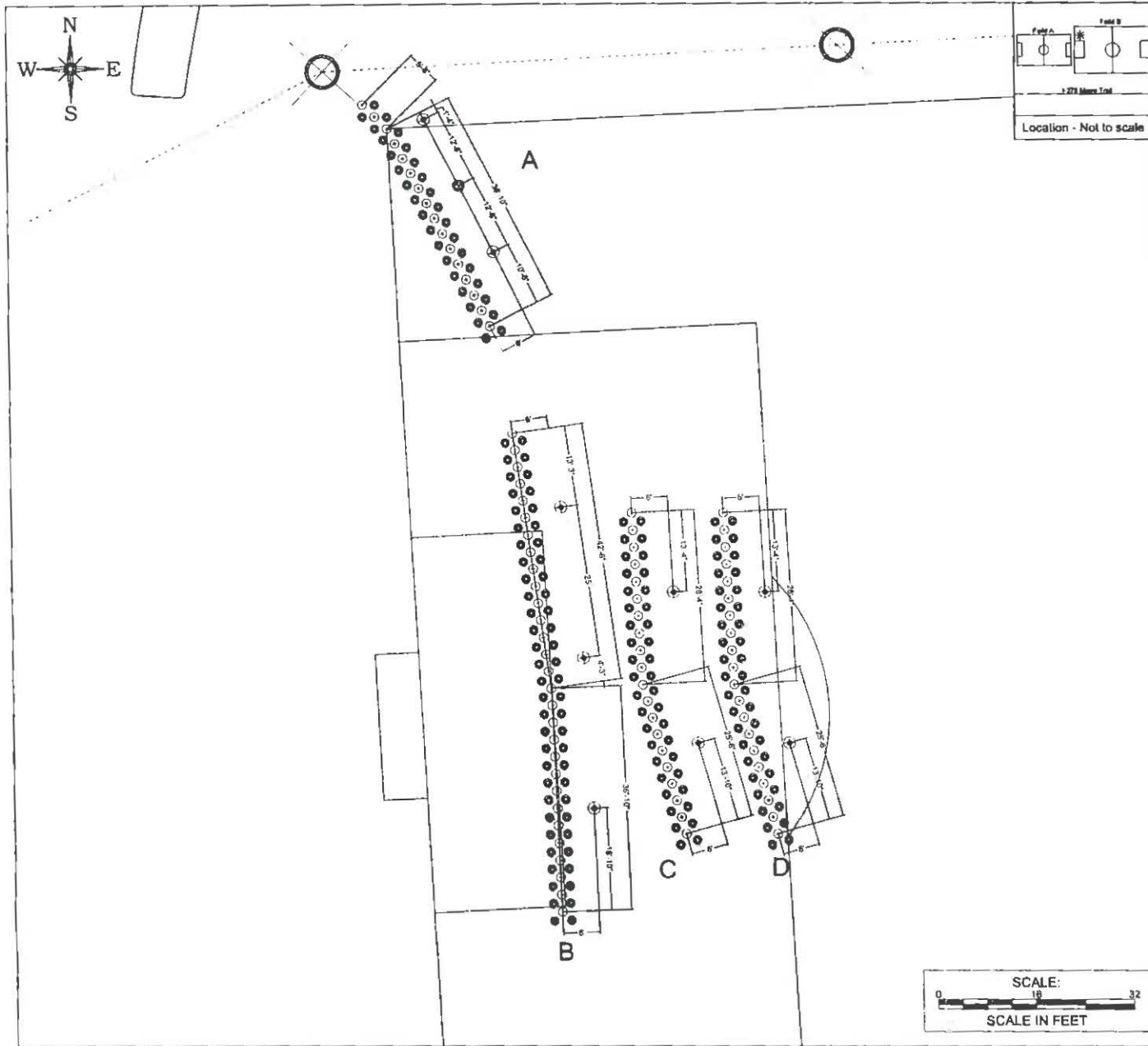
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Note:

Boundary description as provided existing utilities above and below ground have not been verified



APPROVED
By Andrew Niumcayk at 2:02 pm, May 11, 2015



EGRP Installation

Line	Length (ft)	EGRP (Per Line)				EGRP	Linear Feet	Caps
		5'	10'	20'	40'			
A	17	23	3	2	3	91	320	57
B	44	68	23	2	8	90	760	25
C	44	23	27	3	7	43	275	66
D	44	23	4	3	7	43	112	95
E	11	24	7	2	1	37	91	37
F	50	24	24	2	3	86	542	38
G	33	64	7	2	7	81	277	28
H	47	40	7	2	1	47	275	54
I	47	49	10	2	1	62	311	74
J	52	39	15	2	2	58	500	63
K	58	40	20	2	3	65	523	34
L	47	34	17	2	3	53	463	57
M	44	40	24	2	3	75	454	34
N	47	25	27	2	2	56	346	57
TOTAL		888	145	21	4	1074	4,114	494

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together.

LEGEND

- 5' EGRP
- 10' EGRP
- 20' EGRP
- 40' EGRP
- Building
- Water
- Structure
- Pavement
- Landscaping
- Open Area
- Sewage Line
- Property Line
- Tree
- Water Well
- Manhole & Sewage

Address: Lake Point Soccer Fields, Plymouth, MI
 Drawing Name: Field B: Zone 1 A
 Drawn By: N.R. Scale: 1" = 16' Date: 5.08.2015
 Parjana, Inc.

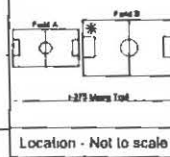
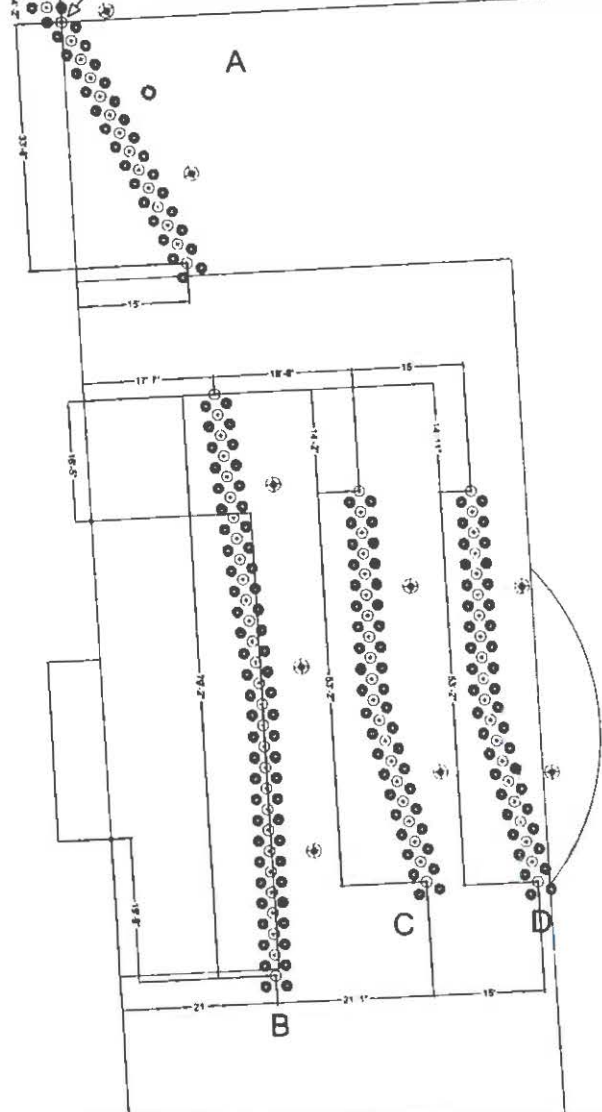
UTILITY NOTE:
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Note:
 Boundary description as provided existing utilities above and below ground have not been verified.

811 Know what's Call by **APPROVED**
 By Andrew Niumdzycz at 2:02 pm, May 11, 2015



THIS EGRP IS CENTERED ON THE CORNER OF THE FIELD



EGRP Installation

LINE	LENGTH (FT)	EGRP TYPE & LENGTHS				EGRP	LINEAR FEET	CAPS
		2'	10'	20'	40'			
A	11	20	10	2	3	25	5.0	27
B	2	20	20	2	3	20	7.0	21
C	25	20	20	2	3	20	7.5	22
D	70	20	2	2	1	27	7.5	23
E	10	20	10	2	3	25	5.0	27
F	50	20	20	2	3	20	6.0	20
G	25	20	2	2	3	22	7.0	22
H	55	20	2	2	3	20	7.5	23
I	40	20	2	2	3	27	7.5	23
J	50	20	10	2	3	20	6.0	20
K	55	20	20	2	3	22	6.0	20
L	40	20	10	2	3	23	4.5	17
M	20	20	20	2	3	20	6.0	20
N	40	20	2	2	3	20	6.0	20
Total	870	20	20	21	3	207	6.14	212

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together

LEGEND

- ⊕ 5' EGRP
- ⊕ 10' EGRP
- ⊕ 20' EGRP
- ⊕ 40' EGRP
- Building
- Water
- Structure
- Pavement
- Landscaping
- Open Area
- Sewage Line
- Property Line
- ⊙ Tree
- ⊙ W Water Well
- ⊗ Manhole & Sewage

Address: Lake Point Soccer Fields, Plymouth, MI

Drawing Name: Field B: Zone 1 B

Drawn By: N.R.

Scale: 1" = 16'

Date: 5.08.2015

Parjana, Inc.

UTILITY NOTE:

All water main, storm sewer, sanitary sewer and public lighting utility as shown hereon are taken from the best available records as disclosed by the various utility companies and/or municipalities, no guarantee can be given by Parjana as to the accuracy or completeness thereof, gas and electric company utility were unavailable at the time of issuance of this survey

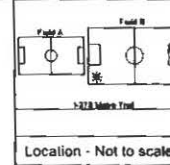
Note:

Boundary description as provided existing utilities above and below ground have not been verified



APPROVED

By Andrew Niemczyk at 2:02 pm, May 11, 2015



EGRP Installation

LINE	LENGTH (ft.)	Type: Depth Lengths				LUMP	Linear Feet	L.C.S.
		5'	10'	20'	40'			
A	71	32	16	4	0	32	1.42	27
B	71	32	16	4	0	32	1.42	27
C	45	20	10	3	1	20	0.93	19
D	45	20	10	3	1	20	0.93	19
E	11	5	2	1	0	5	0.22	5
F	23	10	5	2	1	10	0.45	10
G	23	10	5	2	1	10	0.45	10
H	18	8	4	2	1	8	0.36	8
I	11	5	2	1	0	5	0.22	5
J	22	10	5	2	1	10	0.45	10
K	55	25	12	3	1	25	1.12	24
L	27	13	6	3	1	13	0.58	13
M	44	20	10	3	1	20	0.89	19
TOTAL	511	247	123	31	11	247	10.91	247

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together

LEGEND

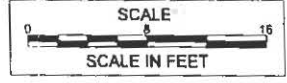
- 5' EGRP
- 10' EGRP
- 20' EGRP
- 40' EGRP
- Building
- Water
- Structure
- Pavement
- Landscaping
- Open Area
- Sewage Line
- Property Line
- Tree
- Water Well
- Manhole & Sewage

E ∇ 12"

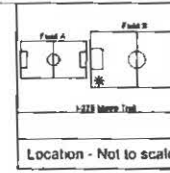
Address: Lake Point Soccer Fields, Plymouth, MI
 Drawing Name: Field B: Zone 2 Overview
 Drawn By: N.R. Scale: 1" = 8' Date: 5.08.2015
 Parjana, Inc.

UTILITY NOTE:
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Note:
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811 Know what's Call to **APPROVED**
 By Andrew Niemezyk at 2:02 pm, May 11, 2015



EGRP Installation

LINE	L-EGRP (S)	Depth: Elev. @ 1.0m P.B.S.			EGRP	Level of Field	L-EGRP
		1'	2'	3'			
A	1	22	20	1	21	2.2	27
B	2	20	18	1	19	1.9	18
C	3	18	16	1	17	1.7	14
D	4	16	14	1	15	1.5	10
E	5	14	12	1	13	1.3	7
F	6	12	10	1	11	1.1	4
G	7	10	8	1	9	0.9	1
H	8	8	6	1	7	0.7	-2
I	9	6	4	1	5	0.5	-5
J	10	4	2	1	3	0.3	-8
K	11	2	0	1	1	0.1	-11
L	12	0	-2	1	-1	-0.1	-14
M	13	-2	-4	1	-3	-0.3	-17
N	14	-4	-6	1	-5	-0.5	-20
	1.0m	0.98	0.96	0.94	0.92	0.90	-22

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together

LEGEND

- 5' EGRP
- 10' EGRP
- 20' EGRP
- 40' EGRP
- Building
- Water
- Structure
- Pavement
- Landscaping
- Open Area
- Sewage Line
- Property Line
- Tree
- Water Well
- Manhole & Sewage

Address: Lake Point Soccer Fields, Plymouth, MI

Drawing Name: Field B: Zone 2 A

Drawn By: N.R.

Scale: 1" = 8'

Date: 5.08.2015

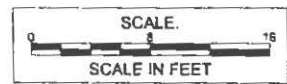
Parjana, Inc.

UTILITY NOTE:

All water, man, storm sewer, sanitary sewer and public lighting utility as shown herein are taken from the best available records as disclosed by the various utility companies and/or municipalities. No guarantee can be given by Parjana as to the accuracy or completeness thereof, gas and electric company utility were unavailable at the time of issuance of this survey.

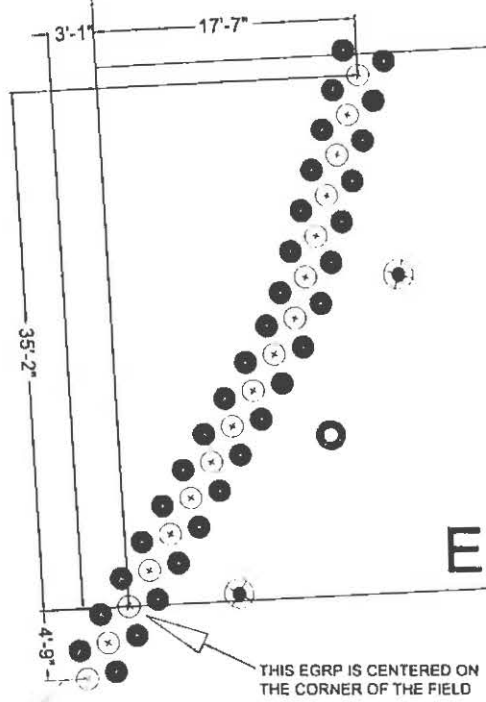
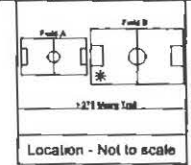
Note:

Boundary description as provided existing utilities above and below ground have not been verified



APPROVED

By Andrew Niemczyk at 2:02 pm, May 11, 2015



EGRP Installation

LINE	14' EGRP (ft)	20' EGRP (ft)				40' EGRP (ft)	FCGP	Linear Feet	Caps
		2'	10'	2'	40'				
A	11	52	16	2	0	0	232	37	
B	7	48	28	2	3	0	240	34	
C	22	20	2	2	1	0	100	16	
D	11	47	24	2	0	0	240	34	
E	5	34	14	2	0	0	170	27	
F	25	42	11	2	0	0	265	42	
G	11	48	1	1	1	0	235	37	
H	22	40	20	2	0	0	300	48	
I	11	38	18	2	0	0	210	33	
J	22	38	15	2	0	0	300	48	
K	25	40	20	2	0	0	368	58	
L	47	34	17	2	0	0	482	77	
M	21	28	14	1	1	0	210	33	
N	11	34	18	2	0	0	240	37	
Total	240	240	116	13	1	0	3,116	472	

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together.

LEGEND

- 5' EGRP
- ⊕ 10' EGRP
- ⊕ 20' EGRP
- 40' EGRP
- ▨ Building
- ▨ Water
- ▨ Structure
- ▨ Pavement
- ▨ Landscaping
- ▨ Open Area
- Sewage Line
- Property Line
- ⊙ Tree
- ⊙ W Water Well
- ⊗ Manhole & Sewage

Address: Lake Point Soccer Fields, Plymouth, MI

Drawing Name: Field B: Zone 2 B

Drawn By: N.R.

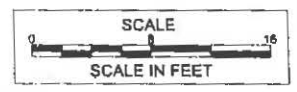
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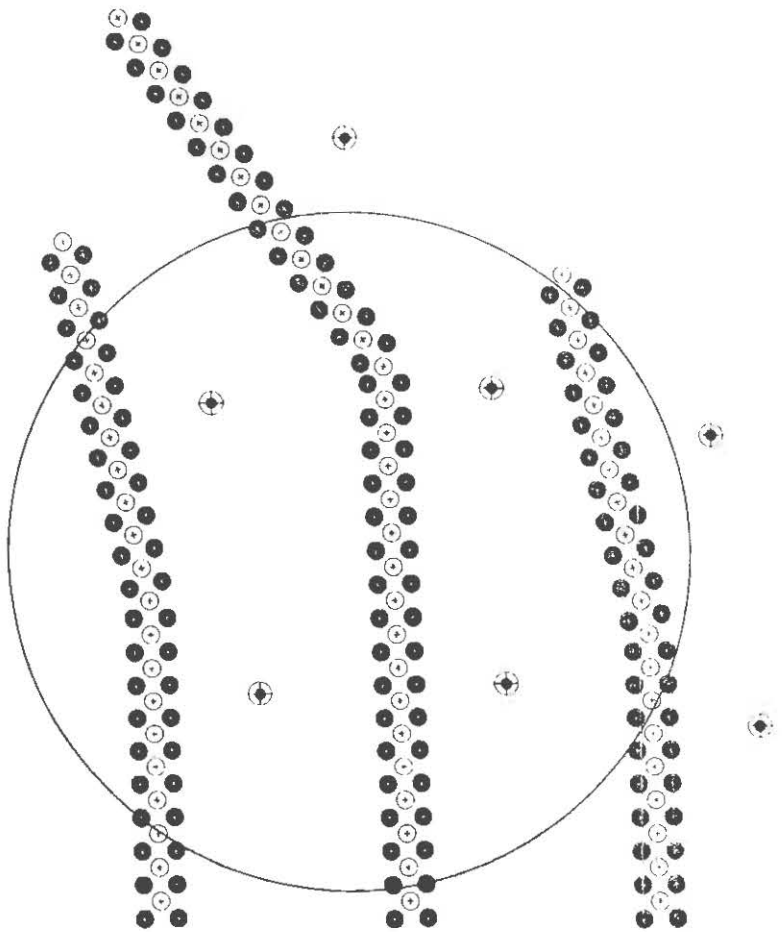
Date: 5.08.2015

Parjana, Inc.

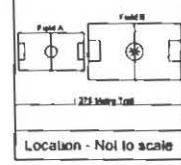
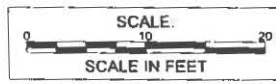
UTILITY NOTE:
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Note:
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F ∇ 12" G ∇ 12" H ∇ 12"



EGRP Installation

Line	Length (ft)	EGRP Spacing (ft)				EGRP	Linear Feet	Caps
		5'	10'	20'	40'			
A	11	34	16	2	1	35	2.00	21
B	4	66	20	1	1	67	7.60	39
C	11	43	21	2	1	47	7.70	36
D	4	63	21	2	1	67	7.70	36
E	14	30	18	2	1	34	7.70	37
F	53	43	21	2	1	65	24.2	53
G	31	63	21	2	1	67	23.2	50
H	15	40	21	2	1	43	8.70	40
I	4	31	18	2	1	34	7.70	37
J	22	36	18	2	2	40	12.00	33
K	35	43	21	2	2	50	22.0	53
L	47	34	17	2	2	52	45.0	47
M	54	38	24	2	2	78	25.0	41
N	27	32	18	2	1	36	8.40	33
Total	1244	578	127	23	1	612	211	462

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together.

LEGEND

- ⊕ 5' EGRP
- ⊕ 10' EGRP
- ⊕ 20' EGRP
- ⊕ 40' EGRP
- Sewage Line
- Property Line
- Tree
- ⊕ Water Well
- ⊕ Manhole & Sewage
- ▨ Building
- ▨ Water
- ▨ Structure
- ▨ Pavement
- ▨ Landscaping
- ▨ Open Area

Address: Lake Point Soccer Fields, Plymouth, MI

Drawing Name: Field B: Zone 3 Overview

Drawn By: N.R.

Scale: 1" = 10'

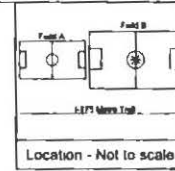
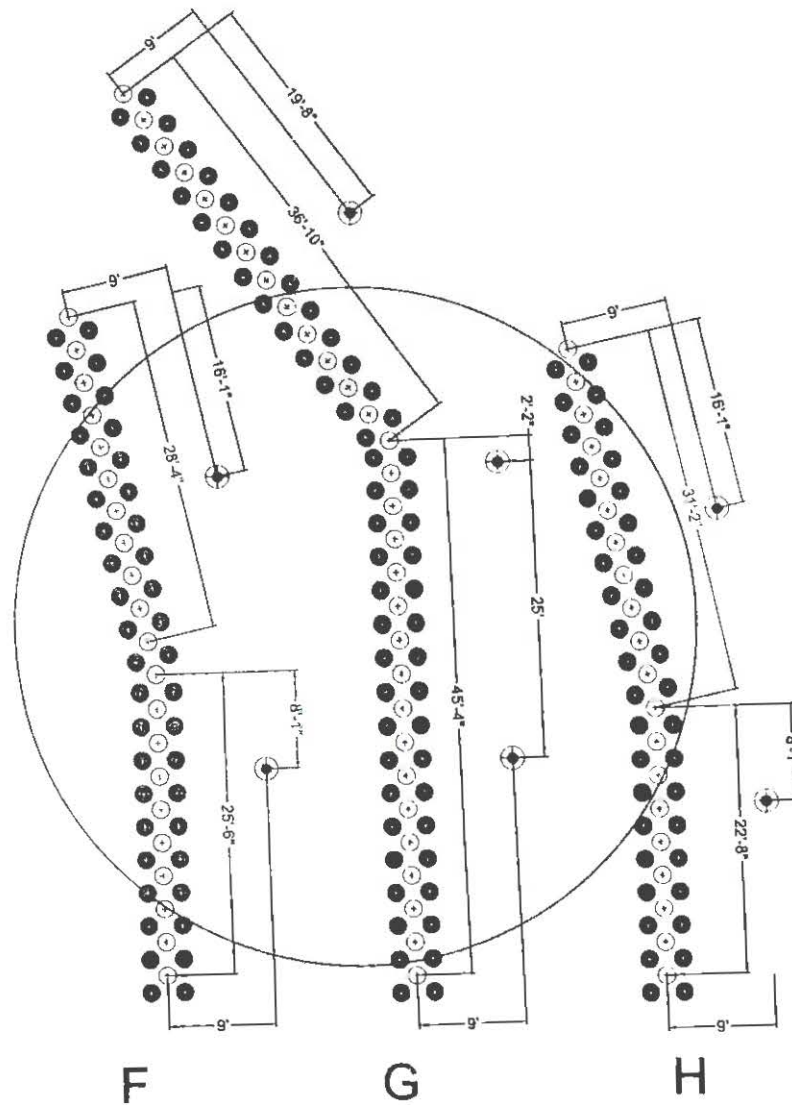
Date: 5.08.2015

Parjana, Inc.

UTILITY NOTE:
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Note:
Boundary description as provided existing utilities above and below ground have not been verified

811 Know what Call to **APPROVED**
By Andrew Niemczyk at 2:02 pm, May 11, 2015



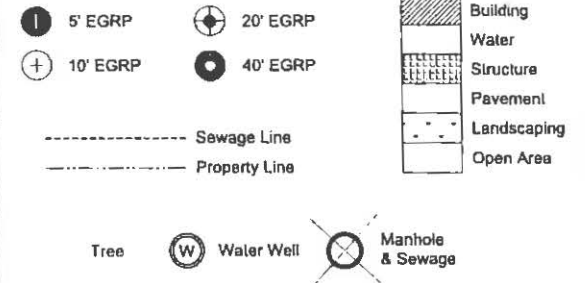
EGRP Installation

LINE	LENGTH (FEET)	Number of EGRPs				TOTP	Linear Feet	LAPS
		5'	10'	20'	40'			
A	17	22	10	2	0	24	74	24
B	31	38	22	3	0	30	740	26
C	27	40	24	3	1	28	751	26
D	27	40	24	3	1	28	751	26
E	44	44	24	2	1	37	741	27
F	50	42	24	2	3	39	843	29
G	31	60	24	3	3	31	770	30
H	22	40	24	2	1	27	671	22
I	43	34	18	2	1	37	741	24
J	22	28	16	2	2	30	500	23
K	58	40	24	2	2	44	820	30
L	47	34	17	2	2	38	450	27
M	34	48	24	2	2	36	670	21
N	41	38	18	2	1	39	670	21
TOTAL	528	578	407	41	1	497	4,740	162



Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together.

LEGEND



Address: Lake Point Soccer Fields, Plymouth, MI

Drawing Name: Field B: Zone 3 Overview

Drawn By: N.R.

Scale: 1" = 10'

Date: 5.08.2015

Parjana, Inc.

UTILITY NOTE:

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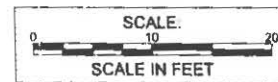
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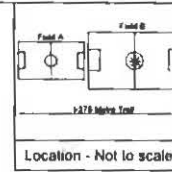
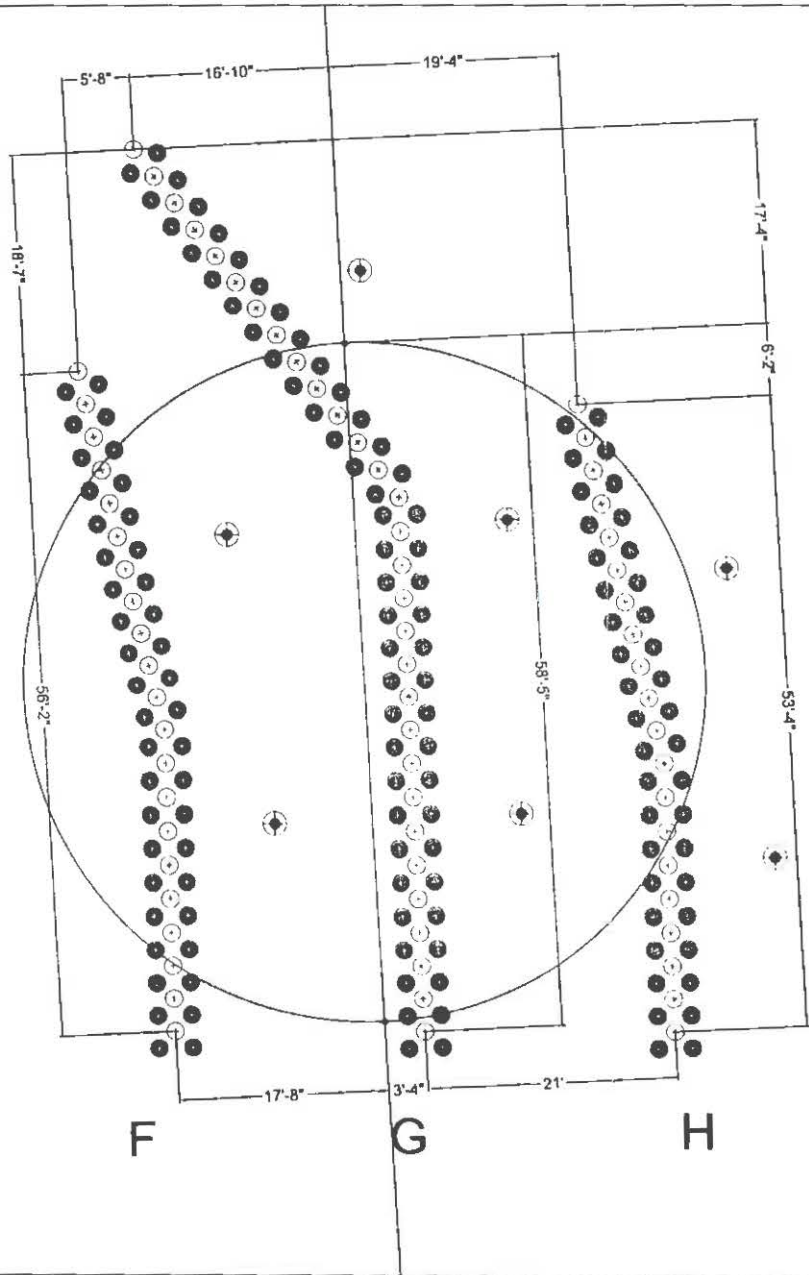
Boundary description as provided existing utilities above and below ground have not been verified



APPROVED

By Andrew Niemczyk at 2:02 pm, May 11, 2015





EGRP Installation

Line	Length (ft)	Manhole Interval (ft)				Stops	Line of Feet	Caps
		24'	30'	27'	40'			
A	37	36	18	1	0	87	2.04	3
B	35	36	26	1	0	72	2.52	3
C	45	36	2	3	1	70	2.70	4
D	40	36	2	2	1	70	2.70	4
E	50	36	18	2	0	78	2.70	4
F	50	36	21	2	0	84	2.52	3
G	55	36	2	5	1	91	2.70	4
H	55	36	2	2	1	88	2.70	4
I	45	36	18	2	0	87	2.70	4
J	52	36	18	2	0	90	2.52	3
K	55	36	21	2	0	82	2.52	3
L	45	36	17	2	0	80	2.52	3
M	55	36	24	1	0	78	2.52	3
N	45	36	18	2	0	87	2.70	4
Total		870	228	21	1	871	4.14	27.2

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together

LEGEND

- 5' EGRP
- 10' EGRP
- 20' EGRP
- 40' EGRP
- Building
- Water
- Structure
- Pavement
- Landscaping
- Open Area
- Sewage Line
- Property Line
- Tree
- Water Well
- Manhole & Sewage

Address: Lake Point Soccer Fields, Plymouth, MI

Drawing Name: Field B: Zone 5 B

Drawn By: N.R.

Scale: 1" = 10'

Date: 5.08.2015

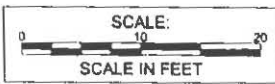
Parjana, Inc.

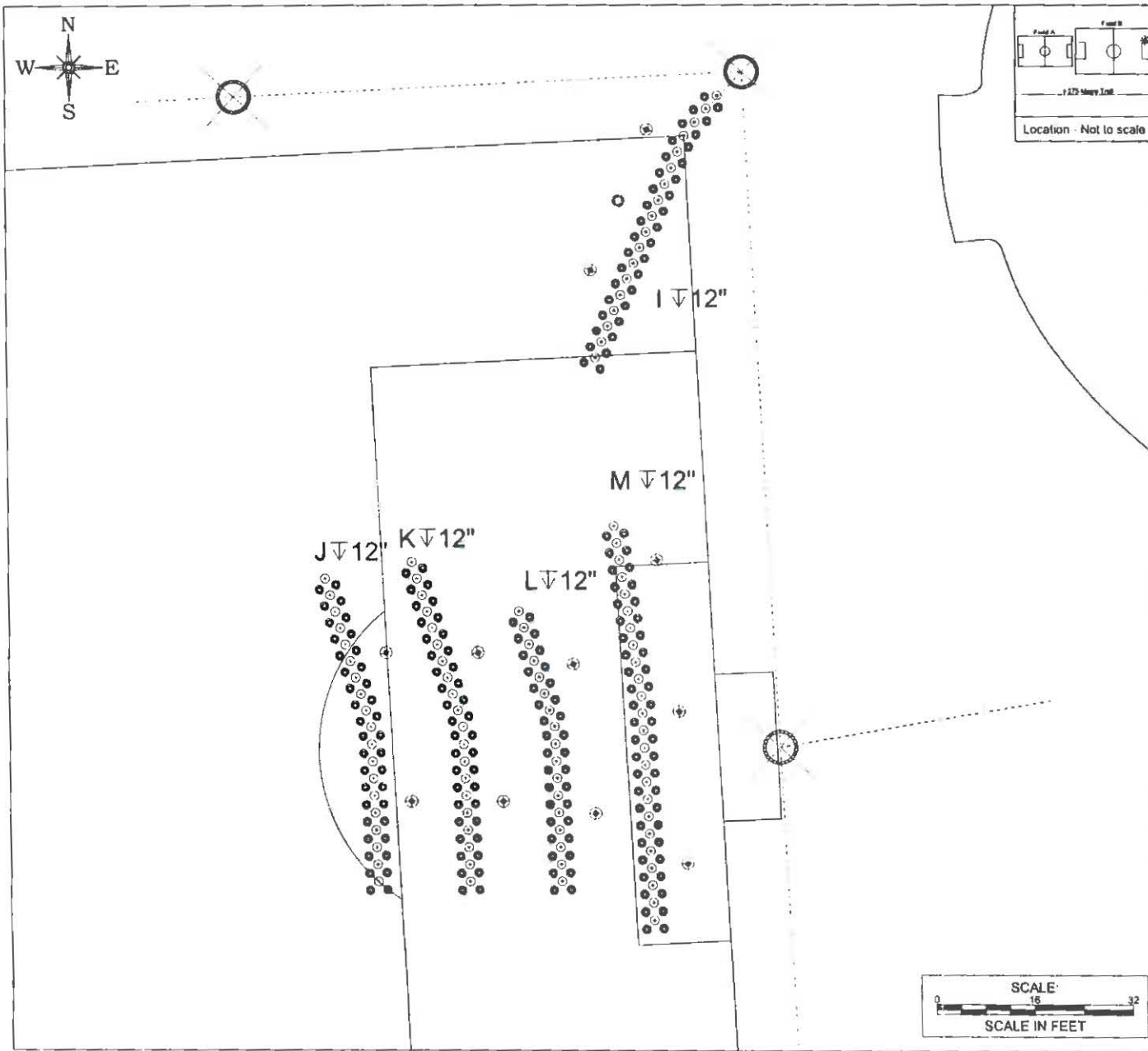
UTILITY NOTE:

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Note:

Boundary description as provided existing utilities above and below ground have not been verified





EGRP Installation

Line	Length (ft)	From the cap to the				EGRP	Labor Feet	Lap #
		5'	10'	20'	40'			
A	11	24	7	2	0	87	202	26
B	11	24	7	2	0	87	202	26
C	11	24	7	2	0	87	202	26
D	11	24	7	2	0	87	202	26
E	11	24	7	2	0	87	202	26
F	11	24	7	2	0	87	202	26
G	11	24	7	2	0	87	202	26
H	11	24	7	2	0	87	202	26
I	11	24	7	2	0	87	202	26
J	22	24	7	2	0	87	202	26
K	22	24	7	2	0	87	202	26
L	22	24	7	2	0	87	202	26
M	22	24	7	2	0	87	202	26
N	22	24	7	2	0	87	202	26
O	22	24	7	2	0	87	202	26
P	22	24	7	2	0	87	202	26
Q	22	24	7	2	0	87	202	26
R	22	24	7	2	0	87	202	26
S	22	24	7	2	0	87	202	26
T	22	24	7	2	0	87	202	26
U	22	24	7	2	0	87	202	26
V	22	24	7	2	0	87	202	26
W	22	24	7	2	0	87	202	26
X	22	24	7	2	0	87	202	26
Y	22	24	7	2	0	87	202	26
Z	22	24	7	2	0	87	202	26
AA	22	24	7	2	0	87	202	26
AB	22	24	7	2	0	87	202	26
AC	22	24	7	2	0	87	202	26
AD	22	24	7	2	0	87	202	26
AE	22	24	7	2	0	87	202	26
AF	22	24	7	2	0	87	202	26
AG	22	24	7	2	0	87	202	26
AH	22	24	7	2	0	87	202	26
AI	22	24	7	2	0	87	202	26
AJ	22	24	7	2	0	87	202	26
AK	22	24	7	2	0	87	202	26
AL	22	24	7	2	0	87	202	26
AM	22	24	7	2	0	87	202	26
AN	22	24	7	2	0	87	202	26
AO	22	24	7	2	0	87	202	26
AP	22	24	7	2	0	87	202	26
AP	22	24	7	2	0	87	202	26
AR	22	24	7	2	0	87	202	26
AS	22	24	7	2	0	87	202	26
AT	22	24	7	2	0	87	202	26
AU	22	24	7	2	0	87	202	26
AV	22	24	7	2	0	87	202	26
AW	22	24	7	2	0	87	202	26
AX	22	24	7	2	0	87	202	26
AY	22	24	7	2	0	87	202	26
AZ	22	24	7	2	0	87	202	26
BA	22	24	7	2	0	87	202	26
BB	22	24	7	2	0	87	202	26
BC	22	24	7	2	0	87	202	26
BD	22	24	7	2	0	87	202	26
BE	22	24	7	2	0	87	202	26
BF	22	24	7	2	0	87	202	26
BG	22	24	7	2	0	87	202	26
BH	22	24	7	2	0	87	202	26
BI	22	24	7	2	0	87	202	26
BJ	22	24	7	2	0	87	202	26
BK	22	24	7	2	0	87	202	26
BL	22	24	7	2	0	87	202	26
BM	22	24	7	2	0	87	202	26
BN	22	24	7	2	0	87	202	26
BO	22	24	7	2	0	87	202	26
BP	22	24	7	2	0	87	202	26
BQ	22	24	7	2	0	87	202	26
BR	22	24	7	2	0	87	202	26
BS	22	24	7	2	0	87	202	26
BT	22	24	7	2	0	87	202	26
BU	22	24	7	2	0	87	202	26
BV	22	24	7	2	0	87	202	26
BW	22	24	7	2	0	87	202	26
BX	22	24	7	2	0	87	202	26
BY	22	24	7	2	0	87	202	26
BZ	22	24	7	2	0	87	202	26
CA	22	24	7	2	0	87	202	26
CB	22	24	7	2	0	87	202	26
CC	22	24	7	2	0	87	202	26
CD	22	24	7	2	0	87	202	26
CE	22	24	7	2	0	87	202	26
CF	22	24	7	2	0	87	202	26
CG	22	24	7	2	0	87	202	26
CH	22	24	7	2	0	87	202	26
CI	22	24	7	2	0	87	202	26
CJ	22	24	7	2	0	87	202	26
CK	22	24	7	2	0	87	202	26
CL	22	24	7	2	0	87	202	26
CM	22	24	7	2	0	87	202	26
CN	22	24	7	2	0	87	202	26
CO	22	24	7	2	0	87	202	26
CP	22	24	7	2	0	87	202	26
CQ	22	24	7	2	0	87	202	26
CR	22	24	7	2	0	87	202	26
CS	22	24	7	2	0	87	202	26
CT	22	24	7	2	0	87	202	26
CU	22	24	7	2	0	87	202	26
CV	22	24	7	2	0	87	202	26
CW	22	24	7	2	0	87	202	26
CX	22	24	7	2	0	87	202	26
CY	22	24	7	2	0	87	202	26
CA	22	24	7	2	0	87	202	26

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together.

LEGEND

- 5' EGRP
- ⊕ 10' EGRP
- ⊙ 20' EGRP
- ⦿ 40' EGRP
- ▨ Building
- ▨ Water
- ▨ Structure
- ▨ Pavement
- ▨ Landscaping
- ▨ Open Area
- Sewage Line
- Property Lines
- ⊗ Tree
- ⊙ Water Well
- ⊗ Manhole & Sewage

Address: Lake Point Soccer Fields, Plymouth, MI

Drawing Name: Field B: Zone 4 Overview

Drawn By: N.R.

Scale: 1" = 16'

Date: 5.08.2015

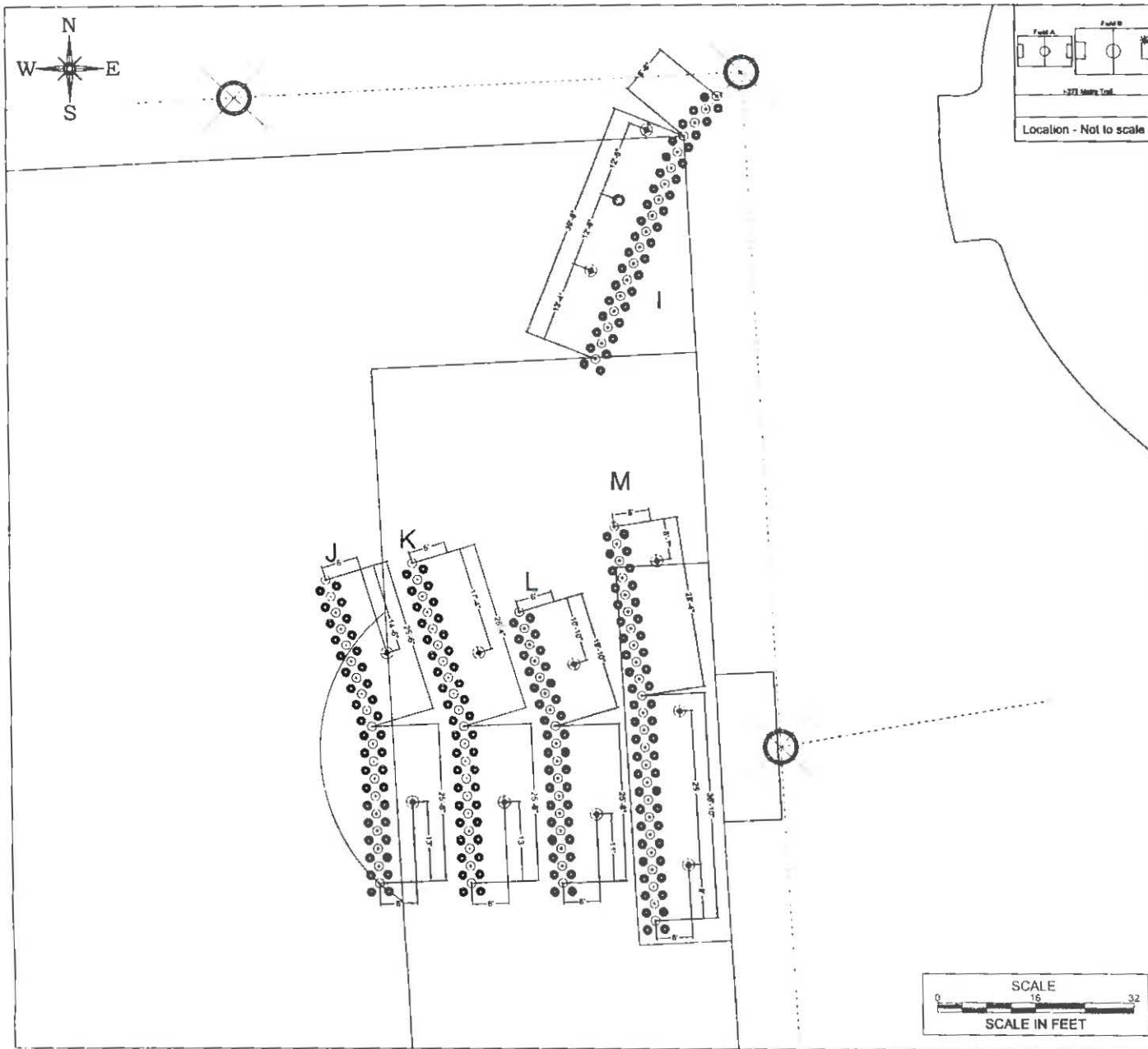
Parjana, Inc.

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Note:
Boundary description as provided excluding utilities above and below ground have not been verified



811 Know what's Call to **APPROVED**
By Andrew Niemczyk at 2:02 pm, May 11, 2015



EGRP Installation

LINE	LENGTH (FT)	EGRP Spacing				EGRP	LINEAR FEET	CAPS
		5'	10'	20'	40'			
A	32	22	76	2	1	57	222	22
B	32	26	76	2	1	60	230	23
C	32	24	76	2	1	58	222	22
D	32	24	76	2	1	58	222	22
E	32	24	76	2	1	58	222	22
F	32	24	76	2	1	58	222	22
G	32	24	76	2	1	58	222	22
H	32	24	76	2	1	58	222	22
I	32	24	76	2	1	58	222	22
J	32	24	76	2	1	58	222	22
K	32	24	76	2	1	58	222	22
L	32	24	76	2	1	58	222	22
M	32	24	76	2	1	58	222	22
TOTAL	320	240	760	20	10	607	2,160	217

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together.

LEGEND

- ⊖ 5' EGRP
- ⊕ 10' EGRP
- ⊗ 20' EGRP
- ⊙ 40' EGRP
- Building
- Water
- Structure
- Pavement
- Landscaping
- Open Area
- Sewage Line
- Property Line
- ⊗ Tree
- ⊙ Water Well
- ⊗ Manhole & Sewage

Address: Lake Point Soccer Fields, Plymouth, MI

Drawing Name: Field B: Zone 4 A

Drawn By: N.R.

Scale: 1" = 16'

Date: 5.08.2015

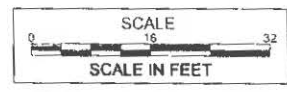
Parjana, Inc.

UTILITY NOTE:

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Note:

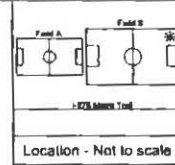
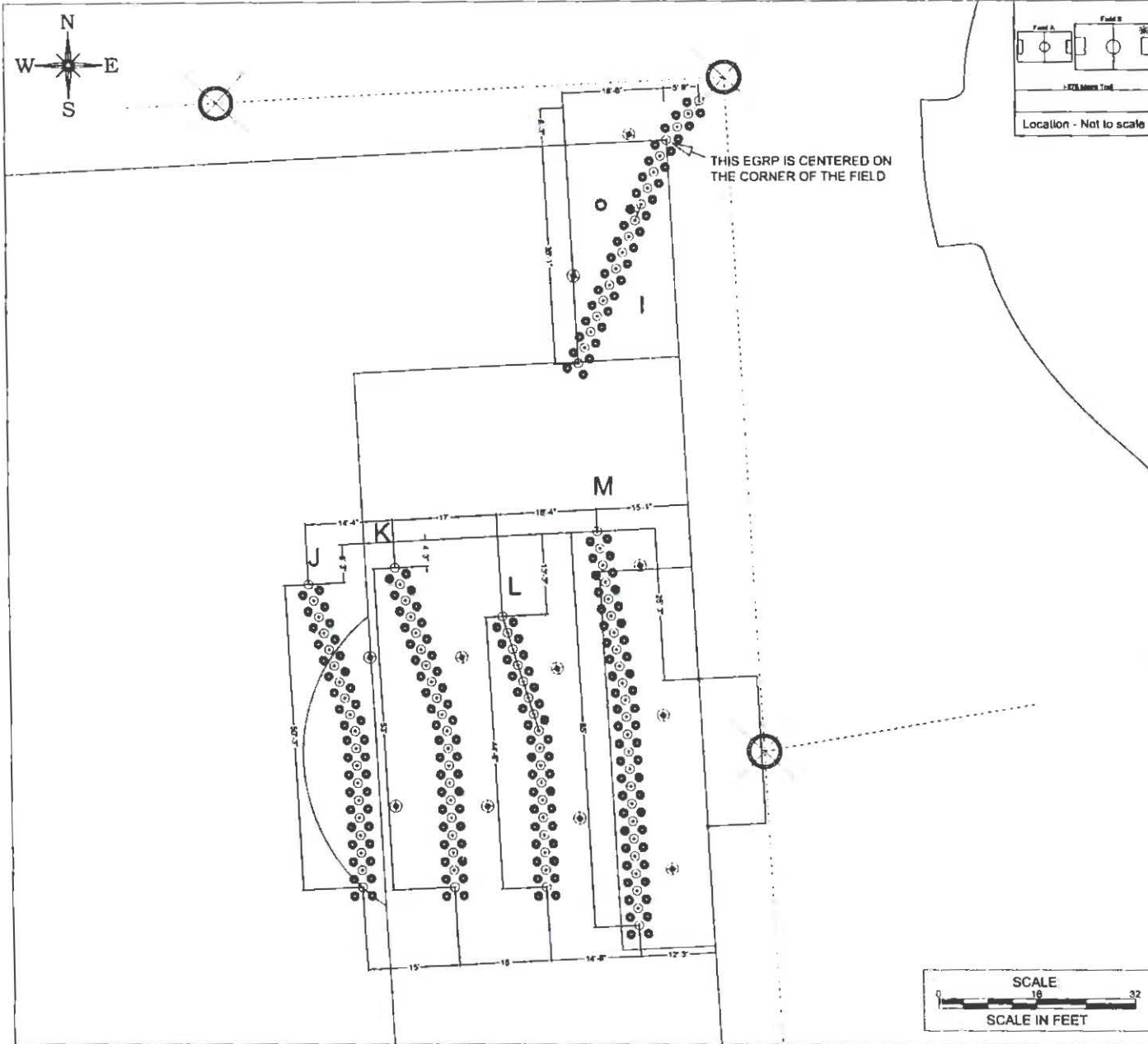
Boundary description as provided existing utilities above and below ground have not been verified.



Know what's
Call

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By Andrew Nisenczyk at 2:02 pm, May 11, 2015



EGRP Installation

Line	Length (ft)	Joint Detail Lengths			EGRP	Linear Feet	Caps
		#	10'	20'			
A	17	2	2	2	27	213	27
B	2	0	2	0	20	753	20
C	14	2	2	2	20	213	20
D	11	0	2	2	20	213	20
E	11	2	2	2	27	213	27
F	53	4	2	2	20	643	20
G	31	0	2	2	20	713	20
H	23	0	2	2	20	643	20
I	17	0	2	2	20	213	20
J	22	0	2	2	20	273	20
K	15	0	2	2	20	213	20
L	47	0	2	2	20	453	20
M	13	0	2	2	20	213	20
N	17	0	2	2	20	213	20
TOTAL	1384	6	31	1	807	6,147	812

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together.

LEGEND

- 5' EGRP
- ⊕ 10' EGRP
- ⊗ 20' EGRP
- ⊙ 40' EGRP
- ▨ Building
- ▧ Water
- ▩ Structure
- Pavement
- Landscaping
- Open Area
- Sewage Line
- Property Line
- Tree
- ⊙ Water Well
- ⊗ Manhole & Sewage

Address: Lake Point Soccer Fields, Plymouth, MI

Drawing Name: Field B: Zone 4 B

Drawn By: N.R. Scale: 1" = 16' Date: 5.08.2015

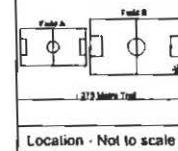
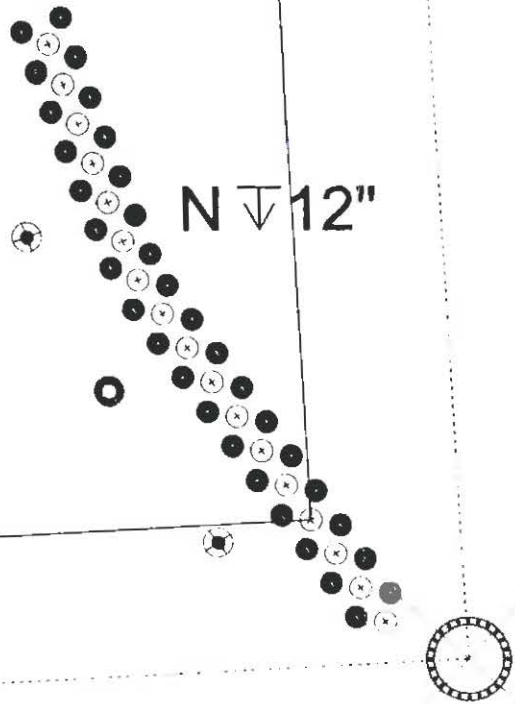
Parjana, Inc.

UTILITY NOTE:
All water main, storm sewer, sanitary sewer and public lighting utility as shown hereon are taken from the best available records as disclosed by the various utility companies and/or municipalities, no guarantee can be given by Parjana as to the accuracy or completeness thereof, gas and electric company utility wires unavailable at the time of issuance of this survey.

Note:
Boundary description as provided existing utilities above and below ground have not been verified

811 Know what's below. Call before you dig.

APPROVED
By Andrew Niemczyk at 2:02 pm, May 11, 2015



EGRP Installation

Line	Length (ft)	SPP - Pipe or Lengths				EGRP	Linear Feet	Caps
		12'	15'	20'	40'			
A	15	0	0	0	0	0	0	
B	3	0	0	0	0	0	0	
C	15	0	0	0	0	0	0	
D	15	0	0	0	0	0	0	
E	15	0	0	0	0	0	0	
F	20	0	0	0	0	0	0	
G	15	0	0	0	0	0	0	
H	15	0	0	0	0	0	0	
I	15	0	0	0	0	0	0	
J	22	0	0	0	0	0	0	
K	25	0	0	0	0	0	0	
L	27	0	0	0	0	0	0	
M	15	0	0	0	0	0	0	
N	15	0	0	0	0	0	0	
TOTAL	270	0	0	0	0	0	0	

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together

LEGEND

- 5' EGRP
- 20' EGRP
- Building
- 10' EGRP
- 40' EGRP
- Structure
- Pavement
- Landscaping
- Sewage Line
- Property Line
- Open Area
- Tree
- Water Well
- Manhole & Sewage

Address: Lake Point Soccer Fields, Plymouth, MI

Drawing Name: Field B: Zone 5 Overview

Drawn By: N.R.

Scale: 1" = 8'

Date: 5.08.2015

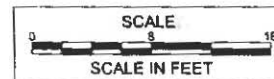
Parjana, Inc.

UTILITY NOTE:

All water main, storm sewer, sanitary sewer and public lighting utility as shown herein are taken from the best available records as disclosed by the various utility companies and/or municipalities, no guarantee can be given by Parjana as to the accuracy or completeness thereof, gas and electric company utility were unavailable at the time of issuance of this survey.

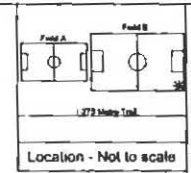
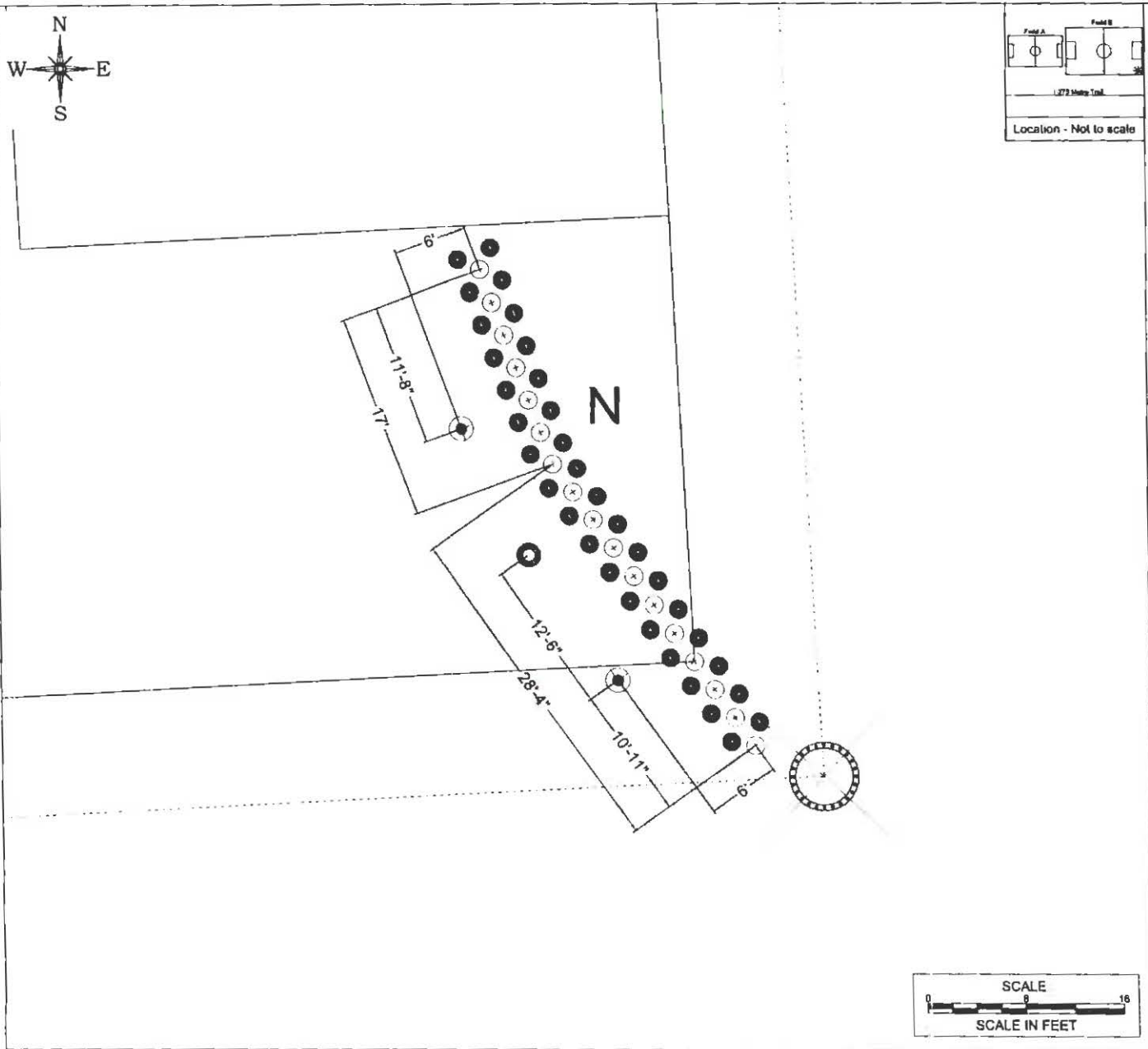
Note:

Boundary description as provided existing utilities above and below ground have not been verified



APPROVED

By Andrew Niemczyk at 2:02 pm, May 11, 2015



EGRP Installation

Line	Length (ft)	Type of EGRP				EGRP	Linear Feet	Caps
		5'	10'	20'	40'			
A	11	42	0	0	0	81	27	9
B	21	84	0	0	0	168	56	18
C	17	63	0	0	0	126	42	14
D	12	42	0	0	0	84	28	9
E	10	30	0	0	0	60	20	6
F	12	36	0	0	0	72	24	8
G	28	84	0	0	0	168	56	18
H	10	30	0	0	0	60	20	6
I	11	33	0	0	0	66	22	7
J	12	36	0	0	0	72	24	8
K	28	84	0	0	0	168	56	18
L	10	30	0	0	0	60	20	6
M	11	33	0	0	0	66	22	7
N	10	30	0	0	0	60	20	6
TOTAL	248	744	0	0	0	1488	496	162

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together

LEGEND

- 5' EGRP
- 10' EGRP
- 20' EGRP
- 40' EGRP
- Building
- Water
- Structure
- Pavement
- Landscaping
- Open Area
- Sewage Line
- Property Line
- Tree
- Water Well
- Manhole & Sewage

Address: Lake Point Soccer Fields, Plymouth, MI

Drawing Name: Field B: Zone 5 A

Drawn By: N.R.

Scale: 1" = 8'

Date: 5.08.2015

Parjana, Inc.

UTILITY NOTE:

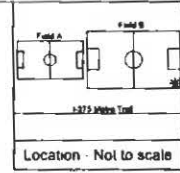
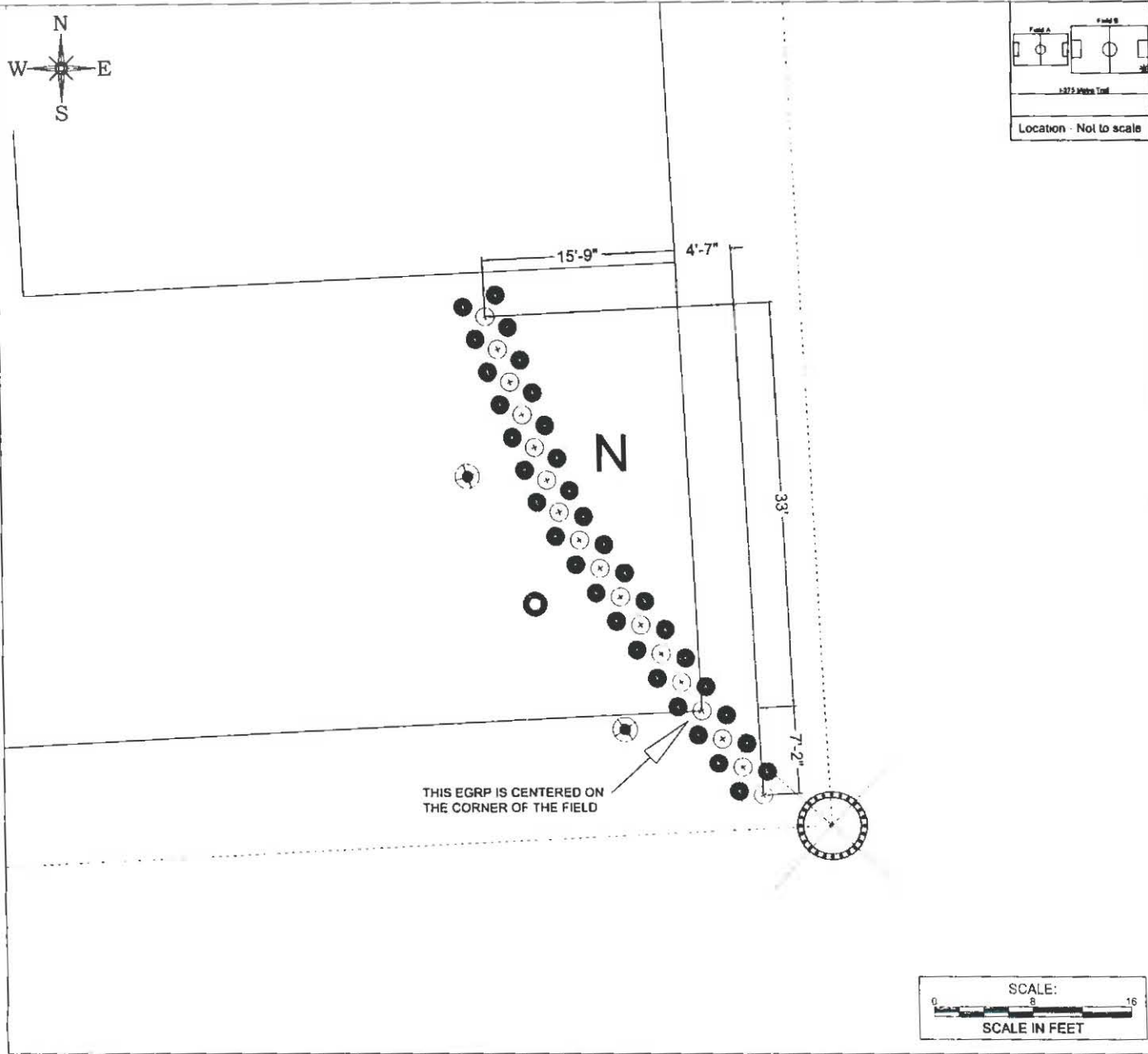
All water main, storm sewer, sanitary sewer and public lighting utility as shown hereon are taken from the best available records as indicated by the various utility companies and/or municipalities; no guarantee can be given by Parjana as to the accuracy or completeness thereof. Gas and electric company utility were unavailable at the time of issuance of this survey.

Note:

Boundary description as provided existing utilities above and below ground have not been verified



Know what's Call by **APPROVED**
By Andrew Niumczyk at 2:02 pm, May 11, 2015



EGRP Installation

LINE	LENGTH (FEET)	Pipe Diameter Lengths				EGRP	Linear Feet	Caps
		5'	10'	20'	40'			
A	1	33	16	2	0	87	230	27
B	2	50	26	2	0	88	763	28
C	3	45	24	2	1	82	473	30
D	4	23	14	1	1	29	231	17
E	5	24	11	1	1	37	411	17
F	50	42	21	2	1	66	442	30
G	23	60	27	3	1	81	720	28
H	55	40	20	3	1	62	471	35
I	41	30	19	2	1	52	411	31
J	14	38	18	2	2	38	223	32
K	55	40	24	2	2	50	520	36
L	47	34	17	3	3	52	452	37
M	43	48	24	3	1	78	630	21
N	41	31	18	2	1	64	433	23
Total		339	143	31	6	877	6,144	422

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together.

LEGEND

- 5' EGRP
- ⊕ 10' EGRP
- ⊗ 20' EGRP
- ⦿ 40' EGRP
- ▨ Building
- ▨ Water
- ▨ Structure
- ▨ Pavement
- ▨ Landscaping
- ▨ Open Area
- Sewage Line
- Property Line
- Tree
- ⊙ Water Well
- ⊗ Manhole & Sewage

Address: Lake Point Soccer Fields, Plymouth, MI

Drawing Name: Field B: Zone 5 B

Drawn By: N.R.

Scale: 1" = 8'

Date: 5.08.2015

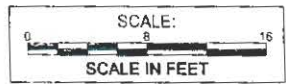
Parjana, Inc.

UTILITY NOTE:

All water main, storm sewer, sanitary sewer and public lighting utility as shown hereon are taken from the best available records as disclosed by the various utility companies and/or municipalities, no guarantee can be given by Parjana as to the accuracy or completeness thereof, gas and electric company utility were unavailable at the time of issuance of this survey.

Note:

Boundary description as provided existing utilities above and below ground have not been verified.



APPROVED

By Andrew Nlumczyk at 2:02 pm, May 11, 2015

Terms of Installation Contract

1. **Scope of Work.** Owner hereby hires Installer to install the EGRP® System at the Location as designed in the Approved Layout. Installer agrees to furnish all labor, materials, tools and equipment necessary to perform and complete the work described in the Approved Layout (the "Work"). The Work shall be performed in a good and workmanlike manner.
2. **Location Availability and Timing of Performance.** Owner represents and warrants that Owner is the owner of the Location which is real property upon which the Work is to be performed. Owner agrees to make the Location available to the Installer for purposes of performing the Work.
3. **Permits, Taxes and Related Expenses.** Owner shall obtain all easements, licenses or other agreements which are, in the Installer's sole judgment, necessary to allow the Installer sufficient access to the Location to perform the Work. Installer shall be responsible for applying for and obtaining such building and/or installation permits as are necessary for completing the Work; provided, however, that any fees to be paid to any third parties, including municipalities or other governmental authorities, for said permits shall be charged to Owner as additional costs unless otherwise provided in writing. Moreover, this Agreement is contingent upon Installer being able to obtain such permits. Subject to the foregoing, Installer shall pay all excise, gross receipts, sales, consumer, use and other similar taxes on the compensation paid to Installer pursuant to this Agreement as required by law.
4. **Responsibility for Personnel.** With respect to all personnel hired by Installer for the performance of the Work, Installer accepts and assumes full and exclusive liability for compliance with all applicable laws and regulations related to such employees, agents and subcontractors performing work under this Agreement, including, without limitation, all workers compensation, social security, unemployment insurance, hours of labor, wages, working conditions and other employer-employee related issues, whether subject to federal, state or local law or regulation. Installer agrees to take all actions necessary to obtain similar full compliance from each subcontractor performing work under this Agreement. Owner will not be responsible for withholding or paying any income, payroll, social security or other federal, state or local taxes, making any insurance contributions, including unemployment or disability, or obtaining worker's compensation insurance on Installer's behalf or on the behalf of any subcontractor hired by Installer. However, Owner and its employees and agents are not personnel hired by Installer.
5. **Risk of Harm.** Owner acknowledges that even with the exercise of reasonable care by the Installer, there may be damage to landscaping, driveways, sidewalks, sprinkler systems, underground structures or utilities, or other features of the Location occasioned by virtue of Installer's equipment installing the EGRP® System. Installer shall make reasonable effort to not cause such damage, and shall promptly inform Owner of potential damage as Installer becomes aware of same. Nevertheless, Installer shall not be liable to Owner for damage to the Location, including without limitation, damage to landscaping, driveways, sidewalks, sprinkler systems, underground structures or utilities or any other features of the Location caused by the negligence of the Installer damage, unless such damage is caused by the gross negligence or intentional acts of the Installer, or unless otherwise specifically provided for in writing.

6. **Warranties and Guarantees.**

a. Installation Warranty

(a) Installer warrants the EGRP[®] system installed at the Location will perform in accordance with the standard of performance set forth in the Approved Layout for a period of ten (10) years (the "Installation Warranty Period"). Only the standard of performance set forth in the Approved Layout provided by Parjana[®] Distribution may be used for purposes of this Warranty. Installer is not authorized to make any other warranty regarding the performance of the EGRP[®] system installed at the Location.

(b) In the event Owner desires to make a claim on the Installation Warranty, Owner agrees to grant the Installer, and such persons as the Installer may designate, the right to access the Location for the purpose of assessing the performance of the EGRP[®] system installed at the Location. If the Installer agrees that the EGRP[®] system installed at the Location is not performing in accordance with the standard of performance set forth in the Approved Layout, the Installer will take the necessary steps to reconfigure and complete such additional installation as is necessary so that the EGRP[®] system installed at the Location will perform in accordance with the standard of performance set forth in the Approved Layout. Owner agrees to provide access to the Location for this purpose. Such additional installation, if necessary, shall be at no additional cost to Owner. This Installation Warranty is transferable to new owners of the Location provided said owners are in compliance with the terms hereof.

(c) This Installation Warranty will be void and of no further force or effect if any of the EGRP[®] system installed at the Location has been damaged or removed or there has been a material change to the area where EGRP[®] system was installed including without limitation significant construction, landscaping, or alteration in ground water flow, sewer backups, or flooding conditions outside of the original parameters established for this installation.

(d) The foregoing is the sole warranty provided by the Installer regarding the EGRP[®] system installed at the Location. THE INSTALLER MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO OR IN ANY WAY RELATING TO THE INSTALLATION OR PERFORMANCE OF THE EGRP[®] SYSTEM, WHETHER BASED ON BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE INSTALLER DISCLAIMS ANY LIABILITY OR RESPONSIBILITY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY, OR PUNITIVE DAMAGES, OR FOR ANY OTHER EXPENSE CAUSED BY THE INSTALLATION OR USE OF EGRP[®] SYSTEM OR ITS COMPONENTS WHETHER SAID INSTALLATION OR COMPONENTS THEREOF WERE DEFECTIVE OR NOT.

(e) Notwithstanding any other provisions to the contrary, Installer's maximum liability pursuant to this Installation Warranty shall not exceed the amount received by the Installer from the Owner in conjunction with this installation. In the event the Installer should at any time offer or otherwise be obligated to provide Owner with a full refund of the amount received by the Installer from the Owner in conjunction with this installation, upon payment of said amount, the Installer shall be entitled to a return of the EGRP[®] system and its components installed at the Location. Owner shall provide Installer reasonable access to the Location for such purpose.

(f) Parjana® Distribution will join the Installer in becoming liable for this Installation Warranty but only if within twelve weeks of completion of the Installation, Parjana® Distribution obtains and approves required verification from Installer that the installation was performed in accordance with procedures prescribed by Parjana® Distribution. Upon Parjana® Distribution approval and acceptance of liability the Installation Warranty and Product Guarantee certificate will be issued to the Owner. In the event Parjana® Distribution becomes obligated for the Installation Warranty, all of the references to the Installer's rights and obligations pursuant to this Installation Warranty shall be deemed to extend to Parjana® Distribution, and if any difference of opinion or judgment required to be made should arise between the Installer and Parjana® Distribution, the opinion or judgment of Parjana® Distribution shall control.

(g) This Installation Warranty is separate and distinct from the Product Guaranty issued solely by the Parjana® Distribution guaranteeing the EGRP® system components to be free from manufacturing defects for twenty-five (25) years.

7. **Trademarks and Advertising.** Owner agrees that Installer may at its discretion place a sign on the property as Marketing for a period of up to thirty (30) days following the Installation. Notwithstanding anything herein to the contrary, Owner shall not have any right to utilize the trademarks or names of Installer or Parjana® Distribution, or indicate that the Location has an EGRP® system installed, without the prior written consent of the Installer or Parjana® Distribution, respectively.

8. **Relationship.** Installer is an independent contractor of Parjana® Distribution, and this Agreement shall not be construed to create any association, partnership, joint venture, employee or agency relationship between Installer and Parjana® Distribution for any purpose. Installer has no authority (and shall not hold itself out as having authority) to bind Parjana® Distribution in any manner, except as is herein provided which has been pre-authorized by Parjana® Distribution.

9. **Successors.** This Agreement and each provision of it shall operate to the benefit of the parties and to their respective permitted successors in interest, legal representatives and assigns.

10. **Governing Law.** This Agreement shall be construed, governed and enforced in accordance with the laws of the State in which Installer operates (without regard to its conflict of laws principles). The foregoing notwithstanding, disputes between the Installer and Parjana® Distribution shall be construed, governed and enforced in accordance with the laws of the State of Michigan, again without regard to its conflict of laws principles.

11. **Entire Agreement.** This Agreement contains all of the agreements, conditions and understandings of the parties and supersedes all prior negotiations, representations or agreements between them, whether oral or written. In the event of a conflict between the terms of this Agreement and any other document, including any Exhibits to which this Agreement may refer, the terms and conditions of this Agreement shall apply.

CERTIFIED PARJANA® INSTALLER REPRESENTATIVE:

Name: Greg McWorlin

Company: Parjana Distribution

Date: May 14th 2015

Signature: Greg McWorlin

Acceptance of Proposal Contract: The above prices, specifications, terms, and conditions are satisfactory and are hereby accepted. Installer is authorized to do the work as specified. Payment will be made as outlined above.

OWNER:

Name: _____

Date: _____

Signature: _____

Successful projects completed

#1 Sexton & Millcreek Blvd, Cleveland OH 44105, USA

#2 21712 E 10 Mile Rd, St Clair Shores, MI 48080

#3 5425 Winton Ridge Lane, Cincinnati OH 45232



PARJANA
& PARJANA Distribution

1274 Library Street, Suite 600, Detroit, MI 48226
Phone: 855-Parjana (855.727.5262) Fax: 313.228.1417
Website: Parjana.com Email: info@parjanadistribution.com

Contract to Install Parjana EGRP® System

Date: June 18, 2014 **HILL CREEK HON**

Customer: ~~Reserve Realty Management~~ Job Name: OH Gazebo
Nancy-Anne Wargo

Billing Address: Reserve Realty Management Job Address: Sexton & Millcreek,
480 W. Aurora

City, State, Zip: Sagamore Hills OH 44067 City, State, Zip: ~~Cleveland~~, OH 44105

Contact Tom Joseph Email: tomjoseph@parjanadistribution.com

Phone: 586-212-5101 OPPT # OPPT00092

This Contract is made by and between Parjana Distribution hereinafter referred to as "Contractor", and Reserve Realty Management, hereinafter referred to as "Owner". In consideration of the mutual promises and undertakings set forth herein, Contractor and Owner hereby agree to the terms and conditions set forth herein, including Contractor agrees to perform and complete the following work:

Description of Water Problem & Solution:

- ✓ Soggy Conditions
- ✓ Standing water

System Details:

- Parjana EGRP® installation will include:

Item Description	Cost
Furnish labor and materials for the installation of 2520 linear feet PARJANA EGRP® as shown in the attached drawing.	\$19,831.00
RFL – OPPT00092 (Fee for Layout)	\$250.00
Sales Tax (6%)	\$1,204.86
Total Cost	\$21,285.8600

- EGRP® installation location and details per attached layout. Precise location of EGRPs determined at installation.

Terms: 50% deposit, balance due on completion. See Invoice.



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1274 Library Street, Suite 600, Detroit, MI 48226
Phone: 855-Parjana (855.727.5262) Fax: 313.228.1417
Website: Parjana.com Email: info@parjanadistribution.com

START DATE/COMPLETION : Expected installation will occur within 2 weeks. A confirmation of exact date upon receipt of deposit and/ or as it becomes known based on schedules to be implemented.

GENERAL REQUIREMENTS: The Owner has entered into a Contract with the Contractor for the Project as described herein. The Project is to be performed and installed in accordance with the terms and conditions of the Contract, including drawings and specifications and general, supplemental and special conditions and other Contract Documents described therein.

SCOPE OF WORK: Contractor shall provide and pay for, unless otherwise specified, all labor, materials, services, tools, equipment and other things necessary to fully perform the Work set forth in the Contract Documents, in cooperation with the other trades if any, in a good and workmanlike manner.

CHANGES IN THE WORK: Whenever the Owner requests extra work verbally or in writing, a change in work order will be executed, signed, and payment made before proceeding with additional work.

LIMITED WARRANTY: It is agreed and understood that the PARJANA® EGRP System typically takes a minimum of 12 weeks to become fully activated, depending on soil and rainfall. Upon Activation, Parjana Distribution warrants that the PARJANA® EGRP System will meet the system performance objective(s) as described in the contract.

This warranty will continue for a period of 25 years to perform as described. The foregoing is our sole warranty. All other warranties, expressed or implied, including any warranty of merchantability or warranty of fitness for a specific purpose, are excluded. The owner's exclusive remedy shall be for correction of defects in workmanship and materials, as set forth above. In no event shall Parjana Distribution be liable for consequential damages, regardless of whether the claim is based on warranty, contract, tort, or otherwise. Should service be required, immediately notify Parjana Distribution. This warranty does not cover leakage from: backing up or plugging of sewers or floor drains; flooding conditions (i.e., surface water through doors, or roof leaks); or condensation caused by high humidity, any negative grade or lack of downspouts.

MICELLANEOUS: Owner shall be responsible for making premises available for work to be completed. The Owner shall make selections of materials in a prompt manner as not to delay progress of work. All late payments will incur 1½% per month interest rate. Contractor shall remove from the premises, all rubbish and surplus material which may accumulate from his Work. The construction, interpretation, enforcement and all other matters relating to this Contract and any amendments or modifications hereto shall be governed by the laws of the State of Michigan, and jurisdiction and venue for any litigation arising under this Contract shall lie within the appropriate court in Wayne County, Michigan.



PARJANA
& PARJANA Distribution

1274 Library Street, Suite 600, Detroit, MI 48226
Phone: 855-Parjana (855.727.5262) Fax: 313.228.1417
Website: Parjana.com Email: info@parjanadistribution.com

PARJANA DISTRIBUTION REPRESENTATIVE:

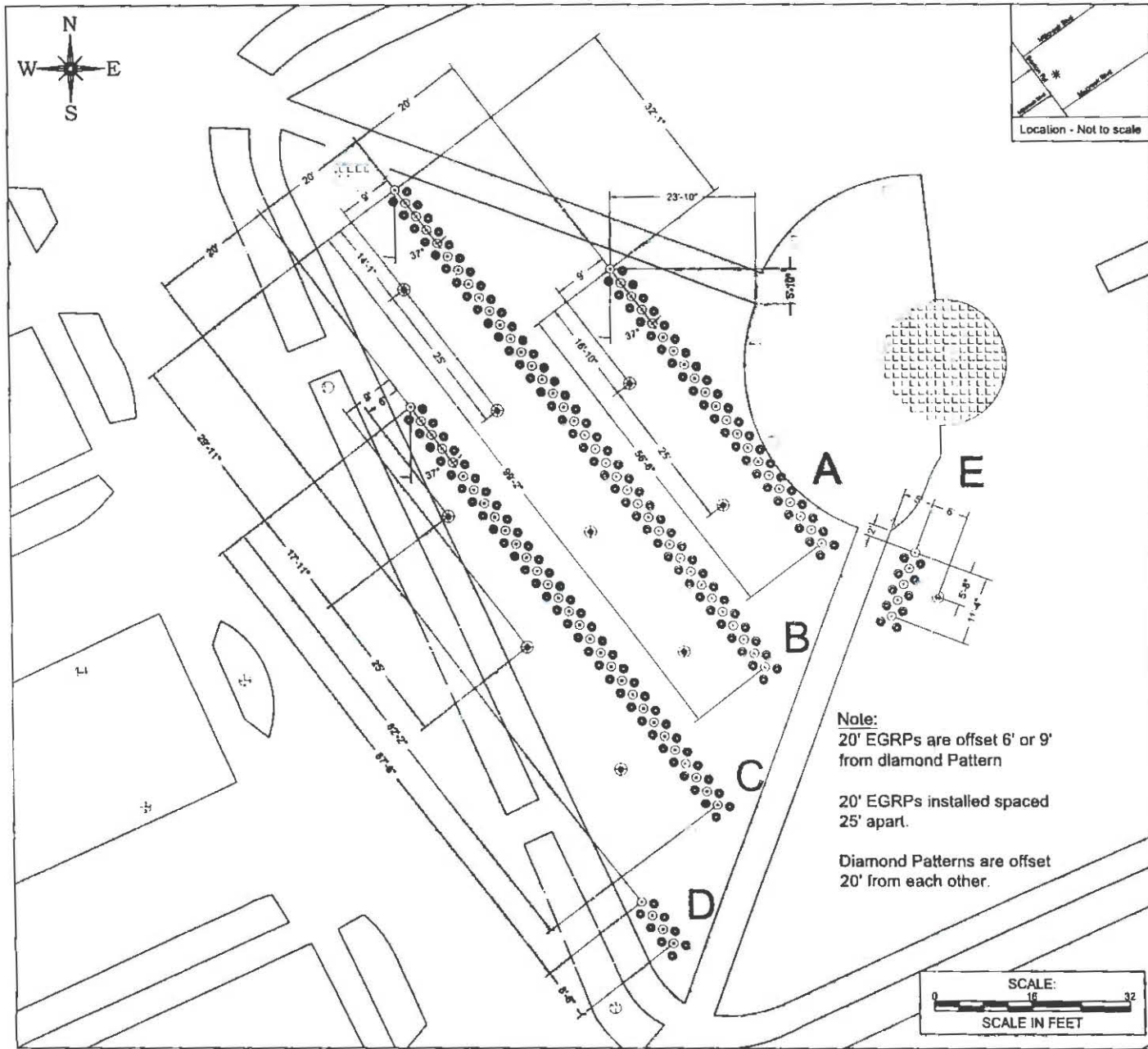
By: Tom Joseph
Tom Joseph
Its: _____
Date: 6-30-14

Acceptance of Proposal: The above prices, specifications, terms, and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

CUSTOMER:

By: ~~Reserve Realty Management~~ MILL CREEK HOA
Its: ~~OWNER~~ COMMUNITY ASSOCIATION MANAGER
Date: 6/27/14

Signature: Henry Alan Wang, CFM



EGRP Installation

Line	Length (ft)	EGRP Device Lengths				EGRP	Linear Feet	Caps
		5'	10'	20'	40'			
A	58.6	43	21	2	0	65	540	69
B	103.1	72	36	4	0	112	960	120
C	85.7	60	30	3	0	83	780	99
D	10.8	8	4	0	0	12	80	12
E	15	10	5	1	0	16	160	18
F	0	0	0	0	0	0	0	0
G	0	0	0	0	0	0	0	0
H	0	0	0	0	0	0	0	0
I	0	0	0	0	0	0	0	0
J	0	0	0	0	0	0	0	0
Total		192	96	10	0	288	2520	318

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together.

LEGEND

- 5' EGRP
- ⊕ 10' EGRP
- ⊙ 20' EGRP
- ⦿ 40' EGRP
- ▨ Building
- ▧ Water
- ▩ Structure
- Pavement
- Landscaping
- Open Area
- Fence
- Property Line
- Tree
- ⊙ Water Well
- ⊖ Sump Pump

Address: Sexton & Millcreek Blvd, Cleveland, OH 44105, USA

Drawing Name: OH Gazebo

Drawn By: P.N.

Scale: 1"=16'

Date: 5/30/2014

Parjana, Inc.

UTILITY NOTE:
All water main, storm sewer, sanitary sewer and public lighting utility as shown herein are taken from the best available records as disclosed by the various utility companies and/or municipalities, no guarantee can be given by Parjana as to the accuracy or completeness thereof, gas and electric company utility were unavailable at the time of issuance of this survey.

Note:
Boundary description as provided existing utilities above and below ground have not been verified.

APPROVED
By Andrew Niemczyk at 2:33 pm, Jan 23, 2015



PARJANA[®]
 & PARJANA Distribution

1274 Library Street, Suite 600, Detroit, MI 48226
 Phone: 855-Parjana (855.727.5262) Fax: 313.228.1417
 Website: Parjana.com Email: info@parjanadistribution.com

Contract to Install Parjana[®] EGRP[®] System

Date: 04/09/2015

Customer: Pat Watter

Job Name: Pat Watter

Billing Address: 21712 E. Ten Mile

Job Address: 21712 E. Ten Mile

City, State, Zip: St. Clair Shores

City, State, Zip: St. Clair Shores

Contact

Phone: 313-283-2741

Email: Pmw408gmail.com

OPPT# 000343

This Contract is made by and between Parjana[®] Distribution hereinafter referred to as "Contractor", and Pat Watter, hereinafter referred to as "Owner". In consideration of the mutual promises and undertakings set forth herein, Contractor and Owner hereby agree to the terms and conditions set forth herein, including Contractor agrees to perform and complete the following work:

Description of Water Problem & Solution:

Standing Water in Back Yard! The water would Pool in middle the Back Yard with a 1" of rain and run to the house getting to the basement. Solution: After acclimation based upon 1" of rain within a 24 hour period, the system installed will mitigate the pooling water from reaching the house.

System Details:

- Parjana[®] EGRP[®] installation will include:

Item Description	Cost
Furnish labor and materials for the installation of 860 linear feet PARJANA EGRP [®] as shown in the attached drawing.	\$6,100.00
Total Cost	\$6,100.00

- EGRP[®] installation location and details per attached layout. Precise location of EGRPs determined at installation.

Payment Terms: Please pay off invoice attached, 50% down payment required to initiate work, balance due on completion.



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Phone: 855-Parjana (855.727.5262) Fax: 313.228.1417
Website: Parjana.com Email: info@parjanadistribution.com

GENERAL REQUIREMENTS: The Owner has entered into a Contract with the Contractor for the Project as described herein. The Project is to be performed and installed in accordance with the terms and conditions of the Contract, including drawings and specifications and general, supplemental and special conditions and other Contract Documents described therein.

SCOPE OF WORK: Contractor shall provide and pay for, unless otherwise specified, all labor, materials, services, tools, equipment and other things necessary to fully perform the Work set forth in the Contract Documents, in cooperation with the other trades if any, in a good and workmanlike manner.

CHANGES IN THE WORK: Whenever the Owner requests extra work verbally or in writing, a change in work order will be executed, signed, and payment made before proceeding with additional work.

LIMITED WARRANTY: It is agreed and understood that the PARJANA[®] EGRP[®] System typically takes a minimum of 12 weeks to become fully activated, depending on soil and rainfall. Upon Activation, Parjana[®] Distribution warrants that the PARJANA[®] EGRP[®] System will meet the system performance objective(s) as described in the contract.

This warranty will continue for a period of 25 years to perform as described. The foregoing is our sole warranty. All other warranties, expressed or implied, including any warranty of merchantability or warranty of fitness for a specific purpose, are excluded. The owner's exclusive remedy shall be for correction of defects in workmanship and materials, as set forth above. In no event shall Parjana[®] Distribution be liable for consequential damages, regardless of whether the claim is based on warranty, contract, tort, or otherwise. Should service be required, immediately notify Parjana[®] Distribution. This warranty does not cover leakage from: backing up or plugging of sewers or floor drains; flooding conditions (i.e., surface water through doors, or roof leaks); or condensation caused by high humidity, any negative grade or lack of downspouts.

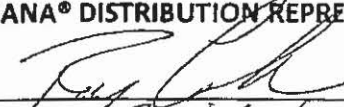
MICELLANEOUS: Owner shall be responsible for making premises available for work to be completed. The Owner shall make selections of materials in a prompt manner as not to delay progress of work. All late payments will incur 1½% per month interest rate. Contractor shall remove from the premises, all rubbish and surplus material which may accumulate from his Work. The construction, interpretation, enforcement and all other matters relating to this Contract and any amendments or modifications hereto shall be governed by the laws of the State of Michigan, and jurisdiction and venue for any litigation arising under this Contract shall lie within the appropriate court in Wayne County, Michigan.



PARJANA[®]
& PARJANA Distribution

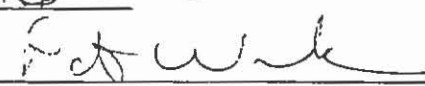
1274 Library Street, Suite 600, Detroit, MI 48226
Phone: 855-Parjana (855.727.5262) Fax: 313.228.1417
Website: Parjana.com Email: info@parjanadistribution.com

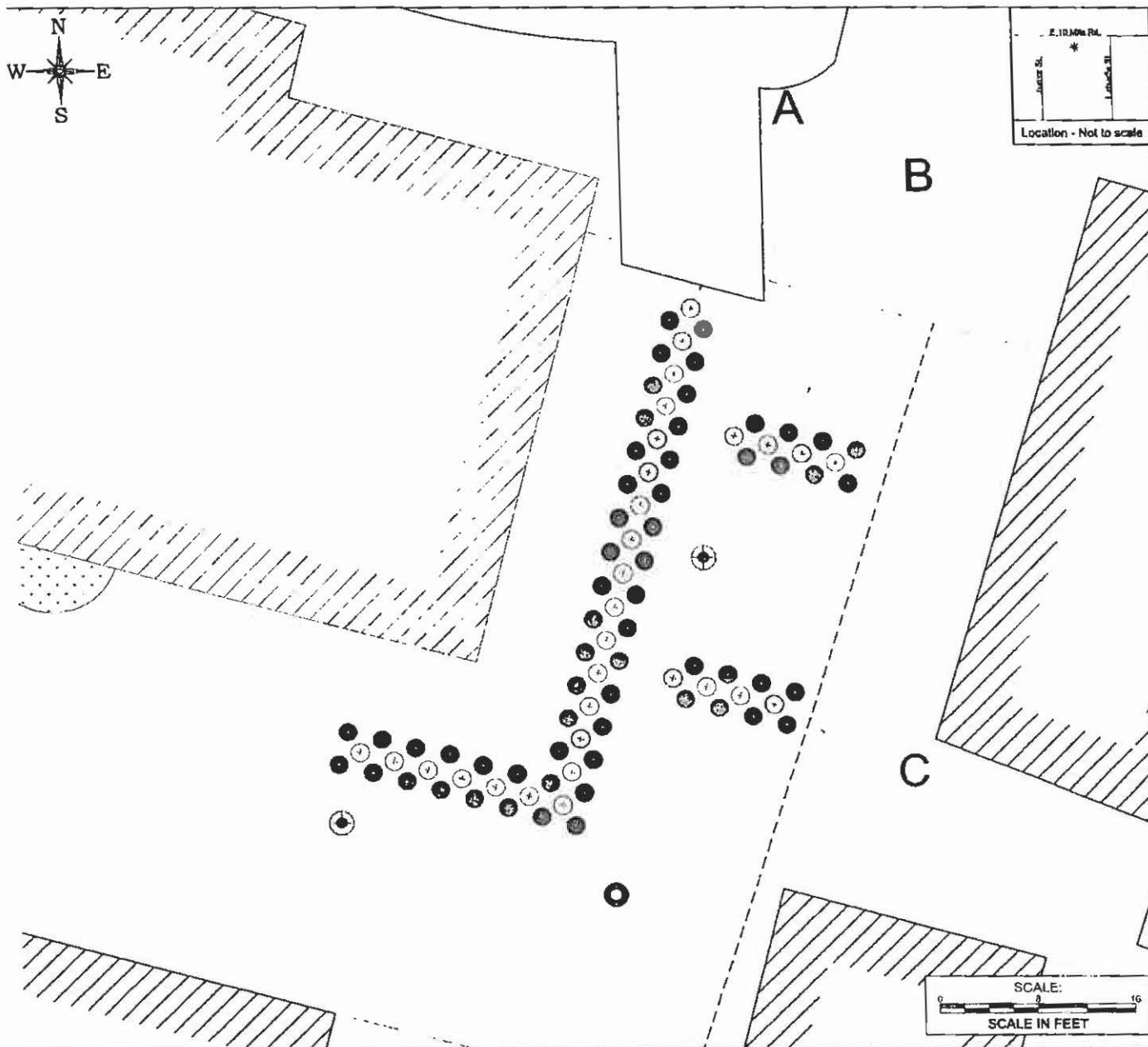
PARJANA[®] DISTRIBUTION REPRESENTATIVE:

By: 
Its: President
Date: 4-13-2015

Acceptance of Proposal: The above prices, specifications, terms, and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

CUSTOMER:

By: _____
Its: _____
Date: 4-13-2015
Signature: 



EGRP Installation

Line	Length (ft)	EGRP Device Lengths				EGRP	Linear Feet	Caps
		6'	10'	20'	40'			
A	81	44	23	2	1	68	680	75
B	10	6	4	0	0	12	80	12
C	10	8	4	0	0	12	80	12
D	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0
F	0	0	0	0	0	0	0	0
G	0	0	0	0	0	0	0	0
H	0	0	0	0	0	0	0	0
I	0	0	0	0	0	0	0	0
J	0	0	0	0	0	0	0	0
Total		80	30	2	1	93	840	99

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together.

LEGEND

- 5' EGRP
- 10' EGRP
- 20' EGRP
- 40' EGRP
- Building
- Water
- Structure
- Pavement
- Landscaping
- Open Area
- Fence
- Property Line
- Tree
- Water Well
- Sump Pump

Address: 21712 E 10 Mile Rd, St. Clair Shores, MI 48080

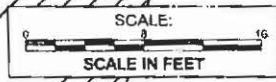
Drawing Name: 000343 - Overview

Drawn By: U.P. Scale: 1" = 8' Date: 03/10/2015

Parjana, Inc.

UTILITY NOTE:
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Note:
 Boundary description as provided existing utilities above and below ground have not been verified.





Parjana Distribution LLC
 1274 Library Street, Suite 600
 Detroit, MI 48226 USA
 313-915-5418 www.parjana.com
 AdminOffice@ParjanaDistribution.com

Invoice

Date	Invoice #
4/6/2015	11301

Bill To
PMW Enterprises, LLC 21712 East 10 Mile St. Clair Shores, MI 48080

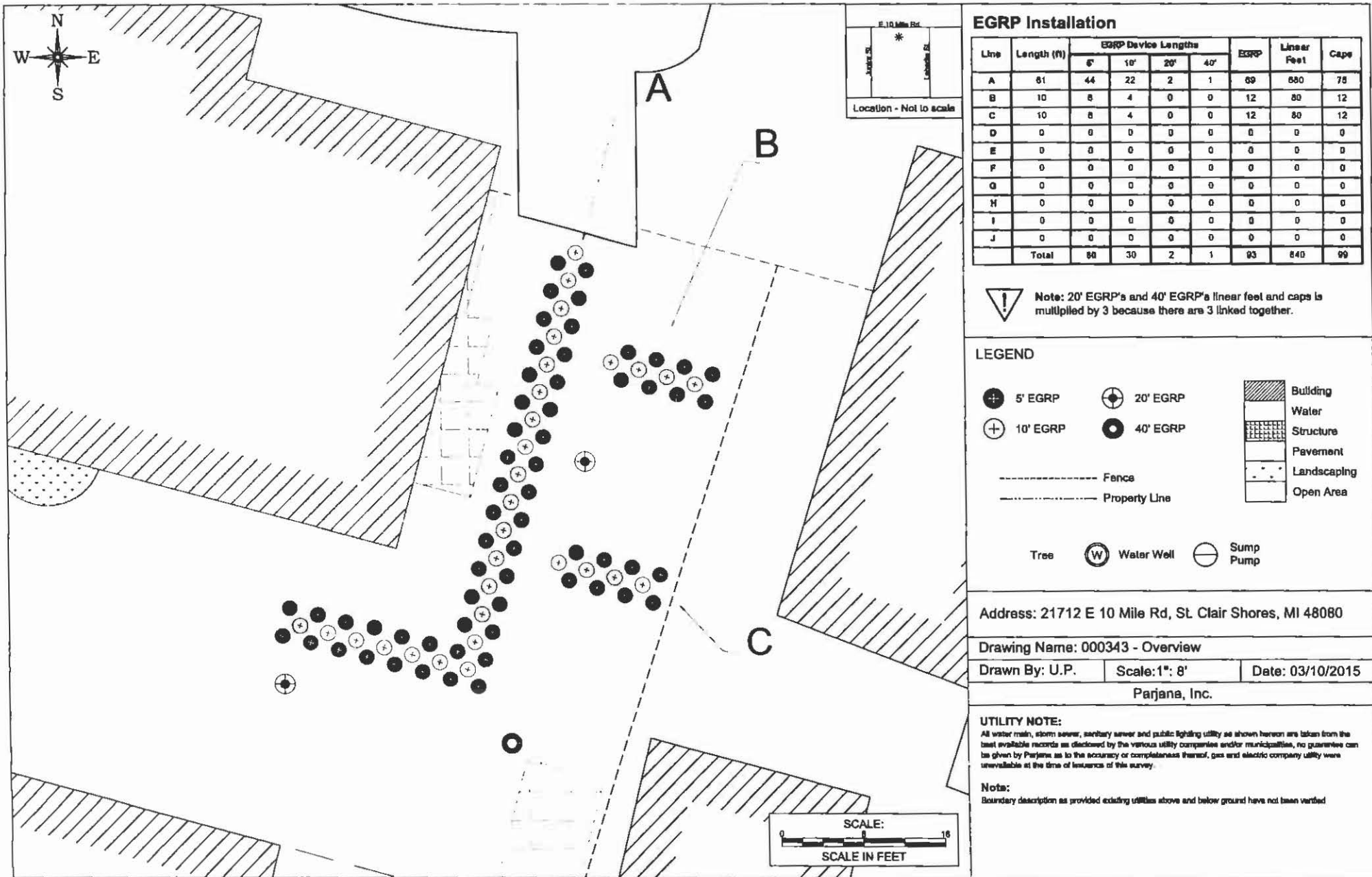
P.O. No.	Terms	Project
OPPT000343	50% Down/50% Due When Completed	

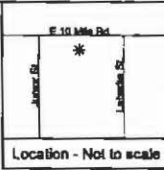
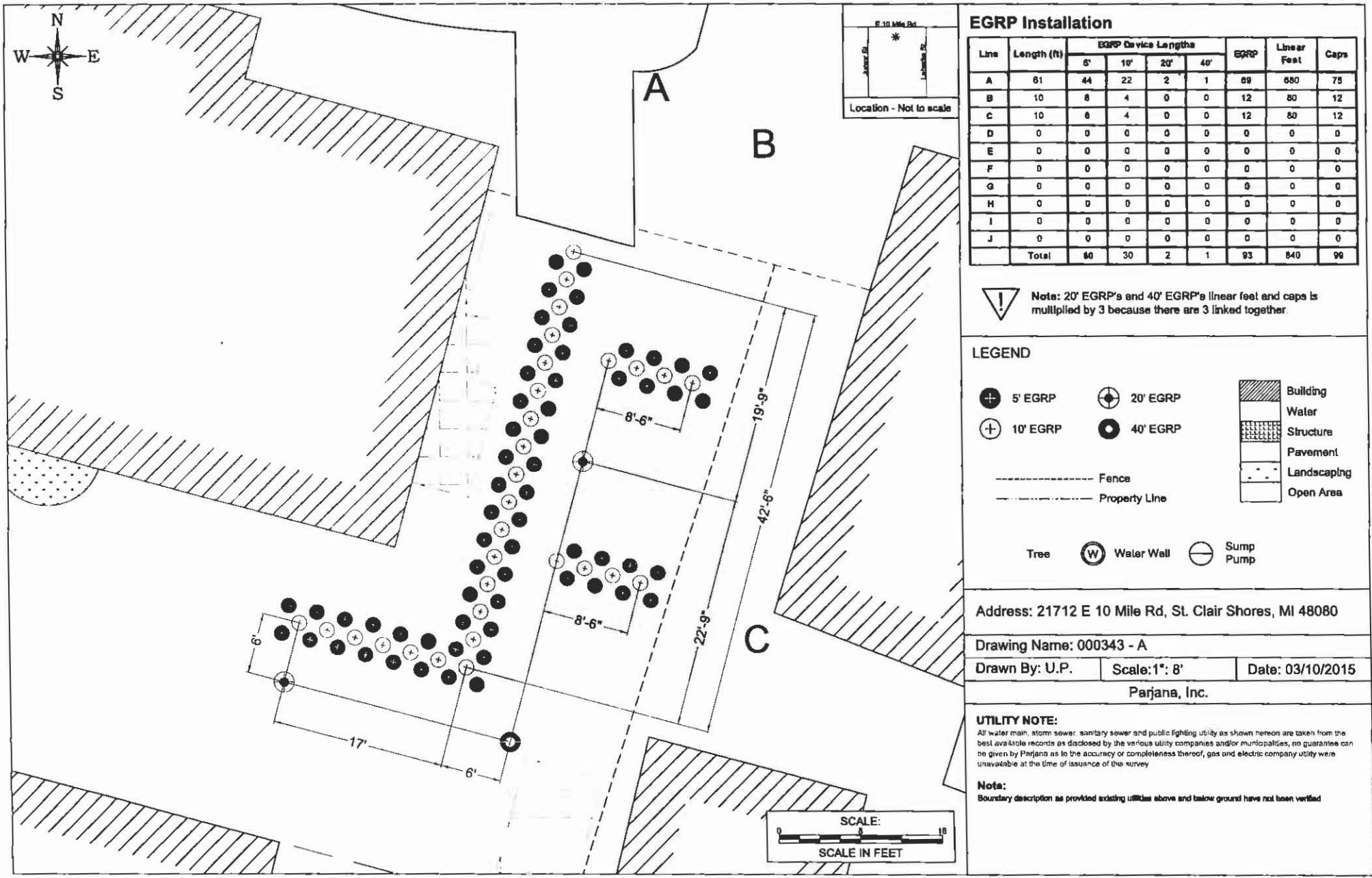
Quantity	Description	U/M	Rate	Amount
840	EGRP installation at the property located at 21712 East 10 Mile. St. Claire Shores, MI	ea	7.2619	6,100.00
99	Caps to be installed at the same property		0.00	0.00
	50% down payment required to begin installation \$3050.00			
	Final payment due upon completion of project			
	Sales Tax		6.00%	0.00

Total			\$6,100.00
--------------	--	--	------------

Payments/Credits	\$-3,000.00
-------------------------	-------------

Balance Due	\$3,100.00
--------------------	------------





EGRP Installation

Line	Length (ft)	EGRP Device Lengths				EGRP	Linear Feet	Caps
		5'	10'	20'	40'			
A	81	44	22	2	1	89	880	75
B	10	8	4	0	0	12	80	12
C	10	8	4	0	0	12	80	12
D	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0
F	0	0	0	0	0	0	0	0
G	0	0	0	0	0	0	0	0
H	0	0	0	0	0	0	0	0
I	0	0	0	0	0	0	0	0
J	0	0	0	0	0	0	0	0
Total		60	30	2	1	93	840	99

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together.

LEGEND

- ⊕ 5' EGRP
- ⊕ 10' EGRP
- ⊕ 20' EGRP
- 40' EGRP
- ▨ Building
- ▨ Water
- ▨ Structure
- ▨ Pavement
- ▨ Landscaping
- ▨ Open Area
- Fence
- - - Property Line
- Tree
- ⊙ Water Wall
- ⊖ Sump Pump

Address: 21712 E 10 Mile Rd, St. Clair Shores, MI 48080

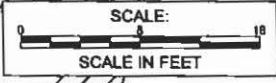
Drawing Name: 000343 - A

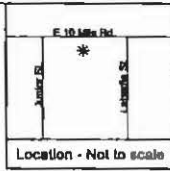
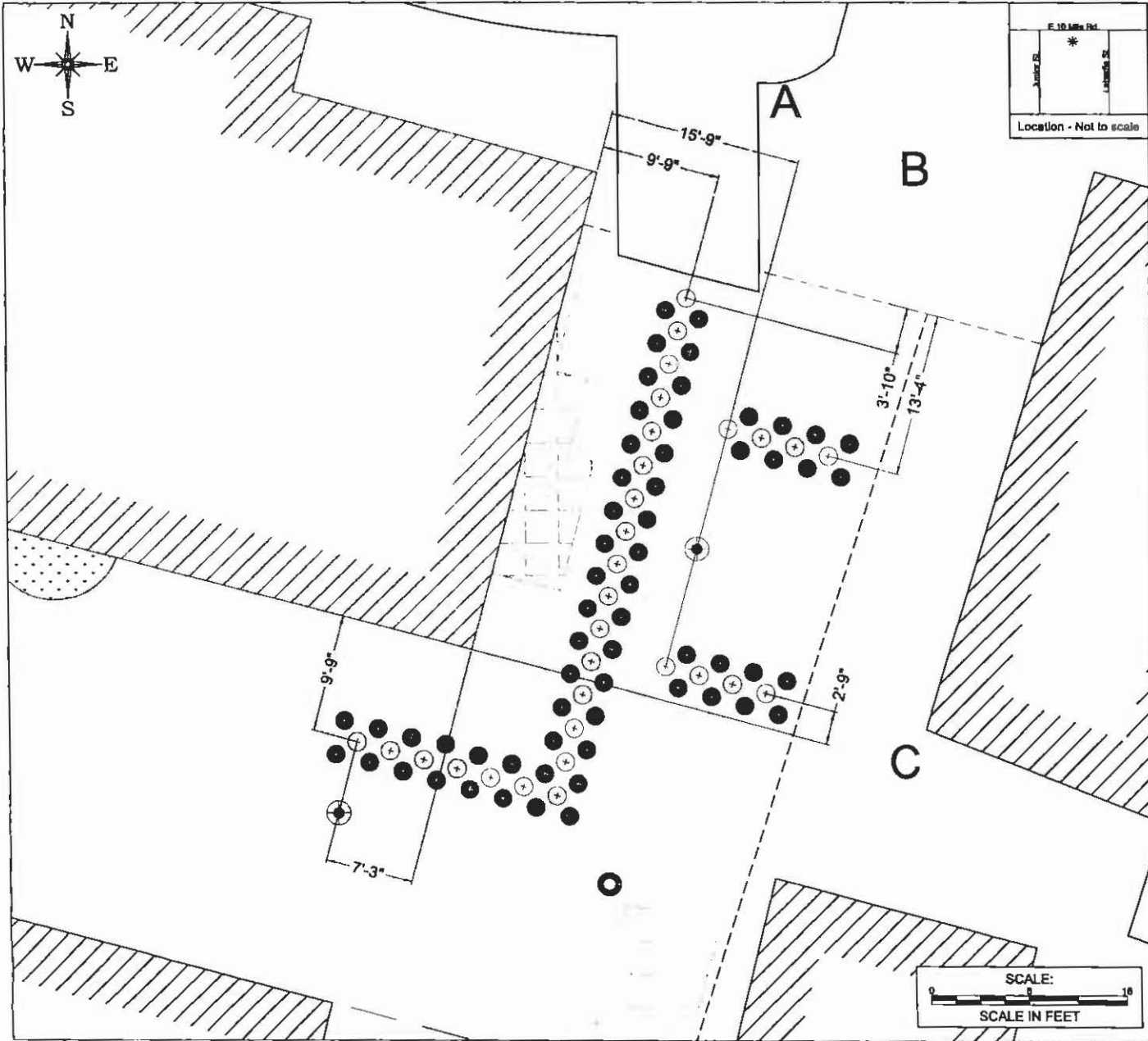
Drawn By: U.P. Scale: 1" = 8' Date: 03/10/2015

Parjana, Inc.

UTILITY NOTE:
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Note:
 Boundary description as provided existing utilities above and below ground have not been verified.





EGRP Installation

Line	Length (ft)	EGRP Device Lengths				EGRP	Linear Feet	Caps
		6'	10'	20'	40'			
A	61	44	22	2	1	69	880	75
B	10	8	4	0	0	12	80	12
C	10	8	4	0	0	12	80	12
D	0	0	0	0	0	0	0	0
E	0	0	0	0	0	0	0	0
F	0	0	0	0	0	0	0	0
G	0	0	0	0	0	0	0	0
H	0	0	0	0	0	0	0	0
I	0	0	0	0	0	0	0	0
J	0	0	0	0	0	0	0	0
Total		60	30	2	1	83	840	99

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together.

LEGEND

- ⊕ 5' EGRP
- ⊕ 10' EGRP
- ⊕ 20' EGRP
- 40' EGRP
- ▨ Building
- ~ Water
- ▨ Structure
- ▨ Pavement
- ▨ Landscaping
- ▨ Open Area
- Fence
- Property Line
- Tree
- ⊕ Water Well
- ⊖ Sump Pump

Address: 21712 E 10 Mile Rd, St. Clair Shores, MI 48080

Drawing Name: 000343 - B

Drawn By: U.P. Scale: 1" = 8' Date: 03/10/2015

Parjana, Inc.

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Brandon Phillips Field Solution

PARJANA[®]
& PARJANA Distribution



PARJANA

Environmental Consulting, Inc.

1274 Loring Street, Suite 600 Detroit MI 48226
Phone 635-PARJANA www.parjana.com



Brandon Phillips Field Statement of problem

Brandon Phillips ball field is managed by the Cincinnati Reds organization. It is experiencing chronic wet areas, puddles, and flooding. Runoff from the surrounding hillside and the contiguous P & G field exacerbate the problem.

French drains have been installed through parts of the field, and have succeeded in making the infield and left field dry very well. These areas are even playable in the late afternoon after a heavy morning rain. Right center field can take one and maybe two days to dry after a heavy rain.

The Reds will often allow play on the field and have to rope off a section of right field. The Reds would like to have this portion of the field playable when the other part of the field is playable.

Additionally, they would like to stop the erosion that is degrading the field from the hillside runoff. There is also concern that installation of any system in early spring will cause deep rutting in the field, further damaging the surface.

BRANDON PHILLIPS FIELD-CINCINNATI OH

PROPOSAL ESTINAMATED RANGE

March 6, 2014

Customer:	Cincinnati Reds
Job Address:	5425 Winton Ridge Lane
City, State ZIP:	Cincinnati OH 45232
Phone:	513-765-7231
E-mail:	cfrank@reds.com

TERMS OF PROPOSAL

1. Furnish labor and materials for the total installation of PARJANA® EGRP®- as shown in the attached drawing.
2. All labor and materials for the installation of PARJANA® EGRP® are included.
3. Warranty of the complete system for 25 years.
4. System to be install using mats to prevent field damages

OPTION 1 – Approx. 327' linear feet of EGRP

Home Plate & surrounding area and fall of from Hill behind home play

Price Range: \$22,000 to \$28,000

OPTION 2 – Approx. 400' linear feet of EGRP

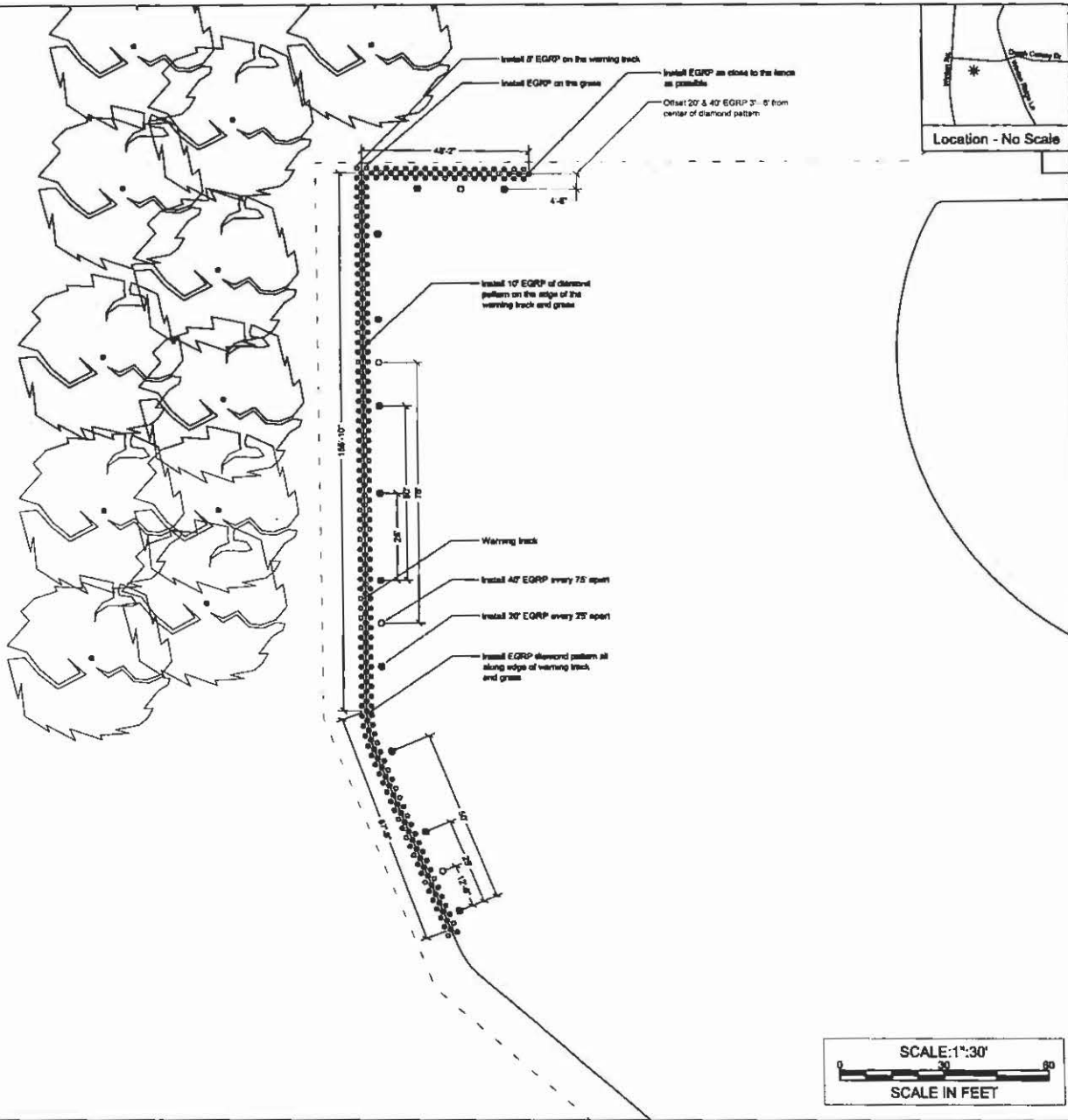
Right center field; eliminate all water coming onto the field, stop run off from hill side

Price Range: \$23,000 to \$28,000

OPTION 3– Approx. 813' linear feet of EGRP

Install in the right center field to instantly dry area. We would only do this if the water in not eliminated by option 2

**ALL INSTALLATIONS INCLUDE 25 YEARS OF WARRANTY AND MONEY BACK
GUARANTEE (PER PROJECT SPECIFIC DEFINITION)**



Location - No Scale

EGRP Installation

Line	Length (ft)	EGRP Device Lengths				EGRP	Linear Feet	Caps
		8'	10'	20'	40'			
1	275	194	97	11	4	306	3080	336
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
Total		194	97	11	4	306	3080	336

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together.

LEGEND

- 5' EGRP
- 10' EGRP
- 20' EGRP
- 40' EGRP
- Building
- Water
- Structure
- Pavement
- Landscaping
- Open Area
- Fence
- Property Line
- Reference Point
- Tree
- Sump Pump
- Water Well

Address: 5425 Winton Ridge Lane Cincinnati OH 45232

Drawing Name: 5425 Winton Ridge Lane Cincinnati OH 45232

Drawn By: D.A.

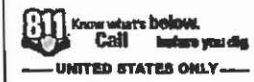
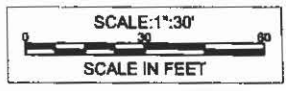
Scale: 1" = 30'

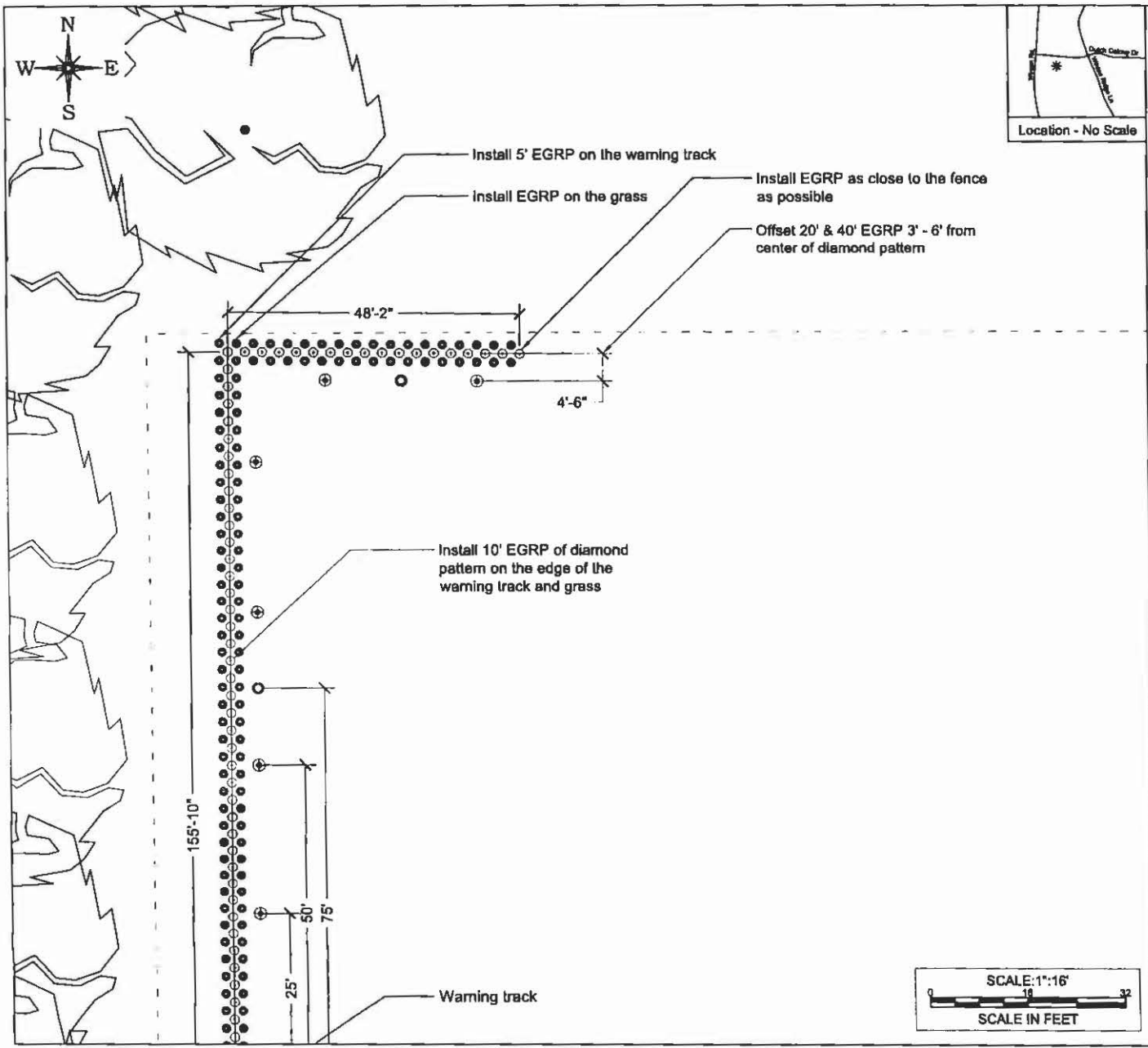
Date: 3/27/14

Parjana, Inc.

UTILITY NOTE:
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Notes:
Boundary description as provided existing utilities above and below ground have not been verified.





EGRP Installation

Line	Length (ft)	EGRP Device Lengths				EGRP	Linear Feet	Caps
		5'	10'	20'	40'			
1	275	194	97	11	4	308	3080	338
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
Total		194	97	11	4	308	3080	338

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together.

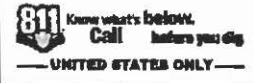
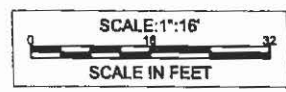
LEGEND

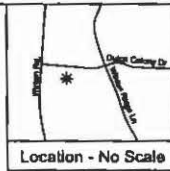
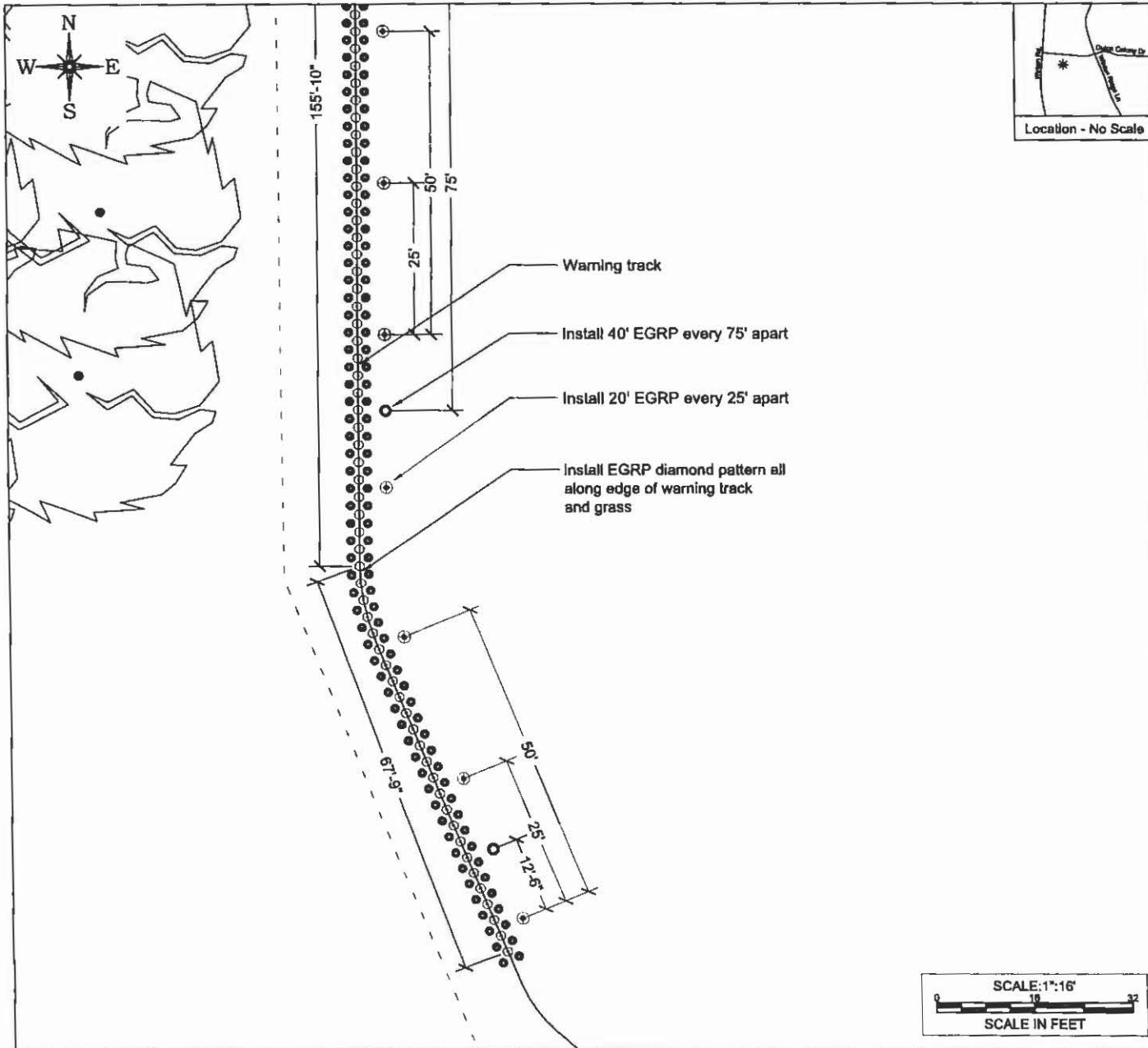
- ⊕ 5' EGRP
- ⊕ 10' EGRP
- ⊕ 20' EGRP
- ⊕ 40' EGRP
- Fence
- Property Line
- ★ Reference Point
- ⊗ Tree
- ⊗ Sump Pump
- ⊗ Water Well
- ▨ Building
- ▨ Water
- ▨ Structure
- ▨ Pavement
- ▨ Landscaping
- ▨ Open Area

Address: 5425 Winton Ridge Lane Cincinnati OH 45232
 Drawing Name: 5425 Winton Ridge Lane Cincinnati OH 45232
 Drawn By: D.A. Scale: 1" = 16' Date: 3/27/14
 Parjana, Inc.

UTILITY NOTE:
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EGRP Installation

Line	Length (ft)	EGRP Device Lengths				EGRP	Linear Feet	Caps
		5'	10'	20'	40'			
1	275	194	97	11	4	308	3080	338
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
Total		194	97	11	4	308	3080	338

Note: 20' EGRP's and 40' EGRP's linear feet and caps is multiplied by 3 because there are 3 linked together.

LEGEND

- 5' EGRP
- 10' EGRP
- 20' EGRP
- 40' EGRP
- Building
- Water
- Structure
- Pavement
- Landscaping
- Open Area
- Fence
- Property Line
- Reference Point
- Sump Pump
- Tree
- Water Well

Address: 5425 Winton Ridge Lane Cincinnati OH 45232

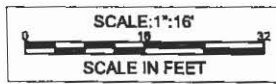
Drawing Name: 5425 Winton Ridge Lane Cincinnati OH 45232

Drawn By: D.A. Scale: 1" = 16' Date: 3/27/14

Parjana, Inc.

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Charter Township of Plymouth
 June 16, 2015
 Board Meeting Date

Board Meeting Date	
6/16/2015	
Batch ID	
Check Date	
	TOTAL
GENERAL FUND(101)	408,699.65
SWD(226)	5,217.99
IMPROV. REV.(246)	122,477.55
DRUG FORFEITURE(265)	11,278.06
GOLF COURSE FUND - (510)	3,692.65
WATER/SEWER(592)	914,201.46
TRUST& AGENCY(701)	-
POLICE BOND FUND (702)	6,352.00
TAX POOL(703)	-
SPECIAL ASSESS CAPITAL (805)	16,030.50
	-
TOTAL	1,487,949.86

INVOICE EDIT LISTING

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
11255	6/09/2015	ALLIE BROTHERS UNIFORMS ACCOUNT 101-305-758.000	55502 AMOUNT 12.00	5/12/2015 DESCRIPTION UNIFORM EQUIP/LAURIA	001	12.00	N	12.00	6/17/2015
11255	6/09/2015	ALLIE BROTHERS UNIFORMS ACCOUNT 101-336-758.000	55608 AMOUNT 28.00	5/20/2015 DESCRIPTION EMBLEMS-CONELY	001	28.00	N	28.00	6/17/2015
11255	6/09/2015	ALLIE BROTHERS UNIFORMS ACCOUNT 101-336-758.000	55762 AMOUNT 49.99	5/29/2015 DESCRIPTION PANTS-J. RICHARDS	001	49.99	N	49.99	6/17/2015
11706	6/09/2015	APOLLO FIRE EQUIPMENT ACCOUNT 101-336-758.000	89597 AMOUNT 615.00	5/13/2015 DESCRIPTION 3 PAIR OF BOOTS MC CALL,	001	615.00	N	615.00	6/17/2015
12140	6/09/2015	AUTISM ALLIANCE OF MICHIGAN ACCOUNT 101-336-960.000	605 AMOUNT 900.00	6/01/2015 DESCRIPTION AUTISM AWARENESS CLASSES	001	900.00	N	900.00	6/17/2015
20025	6/09/2015	B & F AUTO SUPPLY INC ACCOUNT 592-291-851.000 592-291-851.000	463574 AMOUNT 56.28 10.98	5/13/2015 DESCRIPTION LOCK PIN RETAINER	001	67.26	N	67.26	6/17/2015
20050	6/09/2015	B & R JANITORIAL SUPPLY ACCOUNT 101-265-776.000 101-265-858.000 101-305-776.000 101-325-727.000 101-336-776.000 592-172-776.000	166083 AMOUNT 172.04 11.47 95.58 38.23 7.65 57.33	4/22/2015 DESCRIPTION SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES	001	382.30	N	382.30	6/17/2015
20050	6/09/2015	B & R JANITORIAL SUPPLY ACCOUNT 101-265-776.000	166505 AMOUNT 750.00	5/15/2015 DESCRIPTION FLOOR SERVICE	001	750.00	N	750.00	6/17/2015
20050	6/09/2015	B & R JANITORIAL SUPPLY ACCOUNT 101-265-776.000 101-265-858.000 101-305-776.000 101-325-727.000 101-336-776.000	166591 AMOUNT 1,436.38 95.76 797.99 319.20 63.84	5/22/2015 DESCRIPTION SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES	001	3,191.95	N	3,191.95	6/17/2015

INVOICE EDIT LISTING

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			592-172-776.000	478.78					SUPPLIES
20050	6/09/2015	B & R JANITORIAL SUPPLY	166710	6/01/2015	001	715.94	N	715.94	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-336-776.000	715.94	JANITORIAL SUPPLIES					
20050	6/09/2015	B & R JANITORIAL SUPPLY	166715	5/29/2015	001	997.78	N	997.78	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-336-776.000	997.78	JANITORIAL SUPPLIES					
20285	6/09/2015	BATTERIES PLUS	481-275207	5/18/2015	001	87.10	N	87.10	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-727.000	45.12	3 VOLT LITHIUM BATTERIES					
		101-305-727.000	18.00	9 VOLT BATTERIES					
		101-305-727.000	23.98	D BATTERIES					
20584	6/09/2015	ASSA ABLOY ENTRANCE SYSTEMS US, INC	SEI/00932321	5/11/2015	001	31.90	N	31.90	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-265-776.000	31.90	REPAIRS					
21265	6/09/2015	BIO-CARE INC	2076	5/31/2015	001	362.00	N	362.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-336-835.000	362.00	MEDICAL 4 NEW PT FF'S					
21354	6/09/2015	BLUE CARD	12-2899	5/22/2015	001	2,425.50	N	2,425.50	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-336-960.000	2,425.50	50 HR ON-LINE TRAINING					
30123	6/09/2015	CAMPERZ OUTLET, INC.	00000774	4/24/2015	001	750.00	N	750.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-758.000	725.00	4" UNIFORM PATCHES FOR SHIPPING					
		101-305-758.000	25.00						
30172	6/09/2015	CASCADE SUBSCRIPTION SERVICE, INC.	1290957	2/05/2015	001	179.00	N	179.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-336-727.000	179.00	FIRE ENGINEERING MAGAZINE					
30290	6/09/2015	CDW GOVERNMENT INC	VP41460	5/20/2015	001	581.67	N	581.67	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-201-978.000	581.67	HP 1 TB SATA HARD DRIVE					
30290	6/09/2015	CDW GOVERNMENT INC	VQ67387	5/22/2015	001	540.00	N	540.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-201-978.000	540.00	CREDIT HARD DRIVE					

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VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
30290	6/09/2015	CDW GOVERNMENT INC	VN33113	5/18/2015	001	1,415.09-	N	1,415.09-	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-201-978.000	1,415.09-	CREDIT 3 YEAR SUPPORT					
30290	6/09/2015	CDW GOVERNMENT INC	VV74619	6/03/2015	001	1,415.09	N	1,415.09	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-201-978.000	1,415.09	HP 3 YEAR 24X7 SUPPORT					
31409	6/09/2015	CODE SAVVY CONSULTANTS LLC	1022	4/18/2015	001	345.00	N	345.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-371-818.000	345.00	MATERLISE 44650 HELM FIRE ALARM					
31409	6/09/2015	CODE SAVVY CONSULTANTS LLC	1031	4/29/2015	001	385.00	N	385.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-371-818.000	385.00	MAGNA INT 46600 PORT ST. SPRINKLER SYSTEM					
31409	6/09/2015	CODE SAVVY CONSULTANTS LLC	1035	5/21/2015	001	935.00	N	935.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-371-818.000	935.00	HYUNDAI MOBIS 46501 COMMERCE CENTER DR.					
31506	6/09/2015	CORRIGAN OIL COMPANY	6059617-IN	5/05/2015	001	1,987.74	N	1,987.74	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-291-863.000	925.66	DIESEL FUEL					
		592-291-863.000	1,062.08	NO LEAD					
31509	6/09/2015	CORRPRO	312470	4/30/2015	001	675.00	N	675.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-443-939.000	675.00	INSPECTION SERVICE					
40503	6/09/2015	DE WOLF & ASSOCIATES	950	5/13/2015	001	940.00	N	940.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-960.000	940.00	F.T.O. UPDATE FOR					
40890	6/09/2015	DIXON ENGINEERING, INC	15-9025	4/21/2015	001	3,000.00	N	3,000.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-443-939.000	3,000.00	PREPARATION-SPECIFICATION					
51437	6/09/2015	EMERGENT HEALTH PARTNERS	INV03817	5/29/2015	001	3,250.00	N	3,250.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-336-960.000	3,250.00	PEPP COURSES MAY 2015					
51900	6/09/2015	ERADICO SERVICES INC.	606792	6/01/2015	001	37.00	N	37.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					

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VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-336-776.000	37.00					
						EXTERMINATOR JUNE STA#1			
60815	6/09/2015	FELL, CYNTHIA	MAY 2015 ACCOUNT 101-325-960.000	37.00 15.00	5/25/2015 001	15.00	N	15.00	6/17/2015
						DESCRIPTION MEAL REIMBURSEMENT			
60815	6/09/2015	FELL, CYNTHIA	MAY 2015 ACCOUNT 101-325-960.000	29.15 29.15	5/11/2015 001	29.15	N	29.15	6/17/2015
						DESCRIPTION MILEAGE REIMBURSEMENT FOR			
60871	6/09/2015	FIRING LINE	1204 ACCOUNT 101-305-851.000	172.68 172.68	5/21/2015 001	172.68	N	172.68	6/17/2015
						DESCRIPTION LANCER MAG 5.56 MAGAZINE			
60942	6/09/2015	FITNESS THINGS, INC.	PLYMOUTH ACCOUNT 101-265-776.000	5023027 B AMOUNT 461.08	5/12/2015 001	461.08	N	461.08	6/17/2015
						DESCRIPTION MAINT, EQUIPMENT, INSTALL			
70335	6/09/2015	GEARGRID CORPORATION	0010983-IN ACCOUNT 101-336-978.000 101-336-978.000	120.00 37.00	5/22/2015 001	157.00	N	157.00	6/17/2015
						DESCRIPTION 412491 SHELVES SCBA FREIGHT			
70550	6/09/2015	GENPOWER PRODUCTS INC.	82860 ACCOUNT 101-336-851.000	440.61 440.61	5/29/2015 001	440.61	N	440.61	6/17/2015
						DESCRIPTION GENERATOR REPAIR STA#3			
70550	6/09/2015	GENPOWER PRODUCTS INC.	82861 ACCOUNT 101-336-851.000	326.12 326.12	5/29/2015 001	326.12	N	326.12	6/17/2015
						DESCRIPTION GENERATOR REPAIR STA#2			
70550	6/09/2015	GENPOWER PRODUCTS INC.	82931 ACCOUNT 101-336-851.000	1,197.00 1,197.00	6/03/2015 001	1,197.00	N	1,197.00	6/17/2015
						DESCRIPTION GENERATOR MAINT FOR			
71415	6/09/2015	GOODYEAR WHOLESALE	41759426 ACCOUNT 101-305-863.000	1,704.96 1,704.96	4/13/2015 001	1,704.96	N	1,704.96	6/17/2015
						DESCRIPTION 245/55R18 TIRES			
71650	6/09/2015	GRAINGER, W.W., INC.	9731673506 ACCOUNT 592-443-937.000	17.04 17.04	5/04/2015 001	17.04	N	17.04	6/17/2015
						DESCRIPTION NIPPLE RED BRASS - PRV			
72200	6/09/2015	GUARDIAN ALARM CO	16796774 ACCOUNT	16796774 AMOUNT	5/01/2015 001	182.28	N	182.28	6/17/2015
						DESCRIPTION			

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VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-265-776.000	182.28					
									SENIOR CITIZEN BLDG
80187	6/09/2015	HASTINGS AIR-ENERGY CONTROL ACCOUNT	I56472	5/08/2015	001	703.36	N	703.36	6/17/2015
		101-336-851.000	AMOUNT 703.36						DESCRIPTION WIRELESS RECEIVER
80187	6/09/2015	HASTINGS AIR-ENERGY CONTROL ACCOUNT	I56473	5/08/2015	001	539.98	N	539.98	6/17/2015
		101-336-851.000	AMOUNT 539.98						DESCRIPTION WIRELESS RECEIVER
80750	6/09/2015	HINES PARK LINCOLN MERCURY ACCOUNT	C17757	5/13/2015	001	37.50	N	37.50	6/17/2015
		101-305-863.000	AMOUNT 37.50						DESCRIPTION VEH REPAIR/B32115
80750	6/09/2015	HINES PARK LINCOLN MERCURY ACCOUNT	C17762	5/13/2015	001	33.95	N	33.95	6/17/2015
		101-305-863.000	AMOUNT 33.95						DESCRIPTION OIL CHANGE/108072
80750	6/09/2015	HINES PARK LINCOLN MERCURY ACCOUNT	C17870	5/14/2015	001	33.95	N	33.95	6/17/2015
		101-305-863.000	AMOUNT 33.95						DESCRIPTION OIL CHANGE/157877
80750	6/09/2015	HINES PARK LINCOLN MERCURY ACCOUNT	C18611	5/21/2015	001	24.19	N	24.19	6/17/2015
		101-305-863.000	AMOUNT 24.19						DESCRIPTION OIL CHANGE/280600
80750	6/09/2015	HINES PARK LINCOLN MERCURY ACCOUNT	C18793	5/26/2015	001	23.75	N	23.75	6/17/2015
		101-305-863.000	AMOUNT 23.75						DESCRIPTION OIL CHANGE/C41291
80750	6/09/2015	HINES PARK LINCOLN MERCURY ACCOUNT	C18821	5/26/2015	001	24.25	N	24.25	6/17/2015
		101-305-863.000	AMOUNT 24.25						DESCRIPTION OIL CHANGE/A94167
80750	6/09/2015	HINES PARK LINCOLN MERCURY ACCOUNT	C19184	5/28/2015	001	18.00	N	18.00	6/17/2015
		101-305-863.000	AMOUNT 18.00						DESCRIPTION TIRE REPAIR/108072
80750	6/09/2015	HINES PARK LINCOLN MERCURY ACCOUNT	C19197	5/28/2015	001	164.90	N	164.90	6/17/2015
		101-305-863.000	AMOUNT 164.90						DESCRIPTION OIL CHG/REPAIR/124316
91553	6/09/2015	INTERIOR ENVIRONMENTS ACCOUNT	43477	5/27/2015	001	5,072.04	N	5,072.04	6/17/2015
			AMOUNT						DESCRIPTION

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			592-100-180.000	718.75					
			101-201-727.000	260.53					
			101-201-727.000	67.03					
			101-201-727.000	5.19					
			592-100-180.000	4,020.54					
93000	6/09/2015	IRON MOUNTAIN	LKC6173	4/30/2015	001	153.92	N	153.92	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-215-727.000	153.92	MAY 2015 STORAGE					
99810	6/09/2015	J & B MEDICAL SUPPLY INC	2239545	5/18/2015	001	115.03	N	115.03	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-336-836.000	107.50	GAUZE SPONGES COV441407					
		101-336-836.000	7.53	ECON ADH BAND1"X3"DER9990					
99810	6/09/2015	J & B MEDICAL SUPPLY INC	2231233	5/13/2015	001	119.00	N	119.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-336-836.000	119.00	HOS0040979 SC INJECTION					
99810	6/09/2015	J & B MEDICAL SUPPLY INC	2244730	5/21/2015	001	744.00	N	744.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-336-836.000	744.00	MTR11996-0 RB ADH SENSOR					
99810	6/09/2015	J & B MEDICAL SUPPLY INC	2256869	5/28/2015	001	77.52	N	77.52	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-336-836.000	77.52	STORM FLAP COVERALLS					
99810	6/09/2015	J & B MEDICAL SUPPLY INC	2261734	6/01/2015	001	252.40	N	252.40	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-336-836.000	252.40	MED GLOVES DIGFL12-2					
99810	6/09/2015	J & B MEDICAL SUPPLY INC	2266572	6/03/2015	001	85.00	N	85.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-336-836.000	53.10	END TUBE TEL170060					
		101-336-836.000	31.90	BLOODSTOPPERS 5" X 9"					
111485	6/09/2015	KONICA MINOLTA BUSINESS SOLUTIONS	9001374712	4/30/2015	001	255.72	N	255.72	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-371-727.000	73.10	COPIES					
		101-171-727.000	30.75	COPIES					
		101-201-851.000	5.86	COPIES					
		101-400-851.000	7.32	COPIES					
		226-226-727.000	7.32	COPIES					
		592-172-727.000	95.16	COPIES					
		101-215-727.000	36.21	COPIES					

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111485	6/09/2015	KONICA MINOLTA BUSINESS SOLUTIONS	9001425849	5/20/2015	001	188.11	N	188.11	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-171-727.000	39.50	COPIES					
		101-201-851.000	7.52	COPIES					
		101-400-851.000	9.41	COPIES					
		226-226-727.000	9.41	COPIES					
		592-172-727.000	122.27	COPIES					
111485	6/09/2015	KONICA MINOLTA BUSINESS SOLUTIONS	9001437456	5/25/2015	001	122.37	N	122.37	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-851.000	122.37	MAINT AGREE/COLOR COPIER					
111960	6/09/2015	KUDRA, DAN	MAY 2015	5/06/2015	001	44.70	N	44.70	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-960.000	44.70	MEAL REIMBURSEMENT FOR					
111960	6/09/2015	KUDRA, DAN	MAY 2015	5/15/2015	001	57.02	N	57.02	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-960.000	57.02	MEAL REIMBURSEMENT FOR					
120150	6/09/2015	LARSON, OSCAR W. CO.	491568	4/27/2015	001	230.00	N	230.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-818.000	10.00	HS&E					
		592-172-818.000	220.00	ST - TECHNICIAN LABOR					
120181	6/09/2015	LAW ENFORCEMENT SEMINARS, LLC	APR 2015	4/21/2015	001	400.00	N	400.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-960.000	400.00	OFFICER-INVOLVED LETHAL					
130142	6/09/2015	MAPLES ENVIRONMENTAL PEST CONTROL	APR 2015	4/29/2015	001	185.00	N	185.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-265-776.000	185.00	PEST CONTROL SLAB ANTS					
130170	6/09/2015	MARK'S OUTDOOR POWER EQUIPMENT	90482	5/08/2015	001	39.00	N	39.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-291-785.000	39.00	PARTS & LABOR					
130170	6/09/2015	MARK'S OUTDOOR POWER EQUIPMENT	90483	5/08/2015	001	21.00	N	21.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-291-785.000	21.00	CHAIN SHARPEN					
131013	6/09/2015	MICHIGAN METER TECHNOLOGY GRP INC	94410	5/06/2015	001	9,988.00	N	9,988.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-780.000	1,796.00	1 1/2" ECODER METERS					

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			592-172-780.000	3,552.00	1" ECODER METERS				
			592-172-780.000	4,640.00	5/8X3/4" ECODER METERS				
131018	6/09/2015	MICHIGAN LINEN SERVICE	323038	5/01/2015	001	77.20	N	77.20	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-758.000	77.20	UNIFORMS-5/1/15					
131018	6/09/2015	MICHIGAN LINEN SERVICE	323315	5/08/2015	001	77.20	N	77.20	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-758.000	77.20	UNIFORMS-5/8/15					
150050	6/09/2015	O K FIRE EQUIPMENT CO	4365	5/19/2015	001	621.50	N	621.50	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-265-776.000	621.50	ANNUAL INSPECTION					
150050	6/09/2015	O K FIRE EQUIPMENT CO	4366	5/19/2015	001	915.00	N	915.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-336-776.000	567.50	ANNUAL INSPECTION					
		101-336-776.000	94.50	ANNUAL INSPECTION					
		592-172-776.000	253.00	ANNUAL INSPECTION					
150090	6/09/2015	OAKLAND COMMUNITY COLLEGE	99175	5/19/2015	001	250.00	N	250.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-325-960.000	250.00	EMERGENCY FIRE DISPATCH					
150600	6/09/2015	OFFICE DEPOT	769571138001	5/08/2015	001	281.40	N	281.40	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-171-727.000	281.40	CERTIFICATE COVERS					
150600	6/09/2015	OFFICE DEPOT	769571490001	5/07/2015	001	72.89	N	72.89	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-209-727.000	26.97	SMEAD FOLDER FRAMES PK6					
		101-209-727.000	17.99	SMEAD FOLDER FRAMES PK2					
		101-171-727.000	27.93	NOTARIAL SEALS					
150600	6/09/2015	OFFICE DEPOT	769571491001	5/07/2015	001	39.99	N	39.99	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-727.000	39.99	4" HANGING FOLDERS					
150600	6/09/2015	OFFICE DEPOT	769571492001	5/08/2015	001	36.99	N	36.99	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-727.000	36.99	3" HANGING FOLDERS					
150600	6/09/2015	OFFICE DEPOT	769895316001	5/14/2015	001	44.96	N	44.96	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					

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			101-209-727.000	44.96-	RETURNS				
150600	6/09/2015	OFFICE DEPOT	770163456001	5/12/2015 001		226.34	N	226.34	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-727.000	8.71	MAGNETIC WALL POCKET					
		101-209-727.000	61.74	HANGING FOLDER FRAMES					
		101-209-727.000	6.05	HANGING FOLDER FRAMES					
		101-171-727.000	31.47	PAPER					
		101-201-727.000	6.00	PAPER					
		101-400-727.000	7.49	PAPER					
		226-226-727.000	7.49	PAPER					
		592-172-727.000	97.39	PAPER					
150600	6/09/2015	OFFICE DEPOT	770163456002	5/14/2015 001		89.99	N	89.99	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-727.000	89.99	CHAIR MAT - DPW					
150601	6/09/2015	OFFICEMAX INCORPORATED	498538	4/22/2015 001		2.68	N	2.68	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-325-727.000	2.68	OFFICE SUPPLIES					
150601	6/09/2015	OFFICEMAX INCORPORATED	717364	5/06/2015 001		120.28	N	120.28	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-325-727.000	120.28	OFFICE SUPPLIES					
150601	6/09/2015	OFFICEMAX INCORPORATED	930804	5/15/2015 001		11.92	N	11.92	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-727.000	11.92	WYPALLS FOR LOCKUP					
150601	6/09/2015	OFFICEMAX INCORPORATED	932021	5/19/2015 001		117.24	N	117.24	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-727.000	117.24	WYPALL WIPES					
151100	6/09/2015	OAKLAND COUNTY	CLM0006482	3/31/2015 001		6,798.50	N	6,798.50	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-325-818.000	1,613.25	CLEMIS MEMBERSHIP USAGE					
		101-325-818.000	3,282.00	CLEMIS MDC PARTICIPATION					
		101-325-818.000	828.25	CLEMIS LIVESCAN					
		101-325-818.000	1,000.00	CLEMIS MUG CAPTURE STN					
		101-325-818.000	75.00	CRIMEMAPPING					
151800	6/09/2015	ORCHARD, HILTZ, & MCCLIMENT, INC.	170815	4/24/2015 001		698.75	N	698.75	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-446-818.000	698.75	WAYNE CTY SAD FUNDING					
151800	6/09/2015	ORCHARD, HILTZ, & MCCLIMENT, INC.	170816	4/24/2015 001		5,154.00	N	5,154.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					

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VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			805-805-970.270	5,154.00	COUNTRY ACRES SAD				
151800	6/09/2015	ORCHARD, HILTZ, & MCCLIMENT, INC.	170817	4/24/2015	001	700.00	N	700.00	6/17/2015
		ACCOUNT		DESCRIPTION					
		805-805-970.320	700.00	WOODLORE SUB SAD					
160549	6/09/2015	PENSKE TRUCK LEASING CO., L.P.	C050785762	5/06/2015	001	88.36	N	88.36	6/17/2015
		ACCOUNT		DESCRIPTION					
		101-262-727.000	88.36	TRUCK RENT MAY ELECTION					
160549	6/09/2015	PENSKE TRUCK LEASING CO., L.P.	C050785742	5/04/2015	001	84.84	N	84.84	6/17/2015
		ACCOUNT		DESCRIPTION					
		101-262-727.000	84.84	TRUCK RENT MAY ELECTION					
161272	6/09/2015	PLYMOUTH RUBBER & TRANSMISSION	173695	2/20/2015	001	97.25	N	97.25	6/17/2015
		ACCOUNT		DESCRIPTION					
		101-336-851.000	97.25	PARTS					
161310	6/09/2015	PLYMOUTH-CANTON COMMUNITY SCHOOLS	APRIL 2015	5/05/2015	001	3,723.78	N	3,723.78	6/17/2015
		ACCOUNT		DESCRIPTION					
		101-305-863.000	3,659.18	APRIL FUEL FOR PATROL VEH					
		101-325-963.000	64.60	APRIL FUEL FOR PSA VEH					
161310	6/09/2015	PLYMOUTH-CANTON COMMUNITY SCHOOLS	APRIL 2015	5/05/2015	001	385.47	N	385.47	6/17/2015
		ACCOUNT		DESCRIPTION					
		101-371-863.000	385.47	APRIL 2015 FUEL INVOICE					
161930	6/09/2015	AIRGAS USA, LLC	9927932566	5/31/2015	001	303.49	N	303.49	6/17/2015
		ACCOUNT		DESCRIPTION					
		101-336-836.000	303.49	OXYGEN TANK					
180191	6/09/2015	RDC ELECTRIC LLC	484	5/11/2015	001	231.00	N	231.00	6/17/2015
		ACCOUNT		DESCRIPTION					
		101-265-776.000	231.00	SITE LIGHT SERVICE					
180191	6/09/2015	RDC ELECTRIC LLC	485	5/19/2015	001	312.50	N	312.50	6/17/2015
		ACCOUNT		DESCRIPTION					
		101-336-776.000	312.50	SERVICE LIGHTS IN LOTS					
180550	6/09/2015	R.D.REOME COMPANY	10468	5/01/2015	001	270.00	N	270.00	6/17/2015
		ACCOUNT		DESCRIPTION					
		592-172-727.000	270.00	MAINTENANCE AGREEMENT					
191213	6/09/2015	SMITH, CHRISTOPHER	MAY 2015	5/22/2015	001	194.49	N	194.49	6/17/2015
		ACCOUNT		DESCRIPTION					

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-336-960.000	194.49	REIMBURSE	MAY 2015			
192108	6/09/2015	SUNTEL SERVICES	83891	4/10/2015	001	367.41	N	367.41	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-727.000	538.60	CABLING SERVICES					
		592-172-727.000	171.19-	CREDIT TO INVOICE 83891					
192119	6/09/2015	SURE-FIT LAUNDRY CO.	342617	4/30/2015	001	20.25	N	20.25	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-325-851.000	20.25	PRISONER BLANKET CLEANING					
192119	6/09/2015	SURE-FIT LAUNDRY CO.	343413	5/14/2015	001	22.50	N	22.50	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-325-851.000	22.50	PRISONER BLANKET CLEANING					
192119	6/09/2015	SURE-FIT LAUNDRY CO.	343833	5/21/2015	001	22.50	N	22.50	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-325-851.000	22.50	PRISONER BLANKET CLEANING					
192119	6/09/2015	SURE-FIT LAUNDRY CO.	344206	5/25/2015	001	24.75	N	24.75	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-325-851.000	24.75	PRISONER BLANKET CLEANING					
192119	6/09/2015	SURE-FIT LAUNDRY CO.	344628	6/04/2015	001	24.75	N	24.75	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-325-851.000	24.75	PRISONER BLANKET CLEANING					
192119	6/09/2015	SURE-FIT LAUNDRY CO.	343028	5/07/2015	001	20.25	N	20.25	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-325-851.000	20.25	PRISONER BLANKET CLEANING					
220097	6/09/2015	VANCE'S LAW ENFORCEMENT	320279-0	5/12/2015	001	5,355.00	N	5,355.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-960.000	5,200.00	WINCHESTER .45ACP					
		101-305-960.000	155.00	SHIPPING					
220875	6/09/2015	VIGILANTE SECURITY	494571	5/09/2015	001	105.00	N	105.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-818.000	105.00	PRN MONITORING					
227000	6/09/2015	W.J.O'NEIL COMPANY	4741	5/07/2015	001	2,065.94	N	2,065.94	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-265-776.000	2,065.94	MAIN COMP RM					

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VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
227000	6/09/2015	W.J.O'NEIL COMPANY	5066	6/01/2015	001	4,513.71	N	4,513.71	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-336-776.000	4,513.71	FIRE #2 RADIANT HEAT REPA					
230120	6/09/2015	WAYNE COUNTY	279704	5/12/2015	001	2,135.00	N	2,135.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-832.000	2,135.00	JAN 2015 PRISONER HOUSING					
230505	6/09/2015	WEBQA, INC.	493-150501	5/01/2015	001	2,100.00	N	2,100.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-290-941.000	2,100.00	FOIA MODULE 6/15-5/31/16					
230540	6/09/2015	WEST PAYMENT CENTER	831712470	5/01/2015	001	187.51	N	187.51	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-960.000	187.51	CLEAR PLUS WEB ANALYTICS					
230540	6/09/2015	WEST PAYMENT CENTER	831793167	5/04/2015	001	936.00	N	936.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-960.000	936.00	ANNUAL/MONTHLY CHARGES					
11706	6/09/2015	APOLLO FIRE EQUIPMENT	89685	5/28/2015	001	693.29	N	693.29	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-336-978.000	682.50	TASK FORCE TIPS LEGACY:					
		101-336-978.000	10.79	+UPS					
20025	6/09/2015	B & F AUTO SUPPLY INC	463911	5/15/2015	001	9.99	N	9.99	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-291-851.000	9.99	EXHAUST FLUID					
20529	6/09/2015	BELLE TIRE	26066914	4/30/2015	001	149.94	N	149.94	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-291-851.000	149.94	TRUCK TIRE REPAIR-BACKHOE					
20529	6/09/2015	BELLE TIRE	26067969	5/01/2015	001	149.94	N	149.94	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-291-851.000	149.94	TRUCK TIRE REPAIR-RR					
30795	6/09/2015	CHLORIDE SOLUTIONS LLC	71244	5/19/2015	001	2,744.56	N	2,744.56	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-446-818.000	2,744.56	25% MINERAL WELL BRINE					
31506	6/09/2015	CORRIGAN OIL COMPANY	6065923-IN	5/19/2015	001	2,387.01	N	2,387.01	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					

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			592-291-863.000	1,003.06	DIESEL FUEL				
			592-291-863.000	1,383.95	NO LEAD				
60145	6/09/2015	FASTENAL COMPANY	MICAN64341	5/07/2015	001	64.07	N	64.07	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-780.000	64.07	NUTS & BOLTS					
60145	6/09/2015	FASTENAL COMPANY	MICAN64377	5/08/2015	001	334.21	N	334.21	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-780.000	334.21	NUTS & BOLTS					
81675	6/09/2015	HUBBELL, ROTH, & CLARK, INC.	0136086	5/28/2015	001	149.35	N	149.35	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-100-180.000	149.35	BECK RD WATERMAIN REPLACE					
83900	6/09/2015	HYDRO CORP	0035676-IN	5/31/2015	001	1,649.00	N	1,649.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-291-804.000	1,649.00	CROSS CONNECT CTRL PROG					
130170	6/09/2015	MARK'S OUTDOOR POWER EQUIPMENT	91214	5/15/2015	001	39.99	N	39.99	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-291-785.000	28.00	INV 91214-CHAIN SHARPEN					
		592-291-785.000	11.99	BAR OIL					
130336	6/09/2015	MICHIGAN.COM	0002491911	5/31/2015	001	966.38	N	966.38	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-220-813.000	966.38	FIREFIGHTER AD FREEP					
131013	6/09/2015	MICHIGAN METER TECHNOLOGY GRP INC	94496	5/15/2015	001	1,153.00	N	1,153.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-780.000	1,153.00	SUPPLIES					
131018	6/09/2015	MICHIGAN LINEN SERVICE	323598	5/15/2015	001	77.20	N	77.20	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-758.000	77.20	UNIFORMS - 5/15/15					
131018	6/09/2015	MICHIGAN LINEN SERVICE	323878	5/22/2015	001	77.20	N	77.20	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-758.000	77.20	UNIFORMS - 5/22/15					
140145	6/09/2015	HD SUPPLY WATERWORKS, LTD.	D873341	5/13/2015	001	302.60	N	302.60	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-963.000	302.60	MARKING PAINT					

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140145	6/09/2015	HD SUPPLY WATERWORKS, LTD.	D919044	5/14/2015	001	1,590.52	N	1,590.52	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-291-932.000	904.80	6" DI CL54					
		592-291-932.000	435.00	6" MJ SLEEVE					
		592-291-932.000	25.84	6" MJ RG GASKETS					
		592-291-932.000	174.48	6" MEGA LUGS					
		592-291-932.000	50.40	3/4X3 1/2 COR BLUE					
140145	6/09/2015	HD SUPPLY WATERWORKS, LTD.	D931139	5/19/2015	001	741.57	N	741.57	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-291-932.000	741.57	3 SSI RPR CLAMPS 1" CORP					
150600	6/09/2015	OFFICE DEPOT	772594762001	5/27/2015	001	10.89	N	10.89	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-215-727.000	10.89	ENVELOPES 10 X 15 BROWN					
150600	6/09/2015	OFFICE DEPOT	772595063001	5/27/2015	001	993.51	N	993.51	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-215-727.000	749.20	COPY PAPER - CASE					
		101-215-727.000	3.99	LABELING TAPE					
		101-215-727.000	103.98	BANKERS BOX - 12/PK					
		101-215-727.000	58.81	PRESSBOARD FOLDERS -25/PK					
		101-215-727.000	58.84	DYMO ADDRESS LABEL 2/PK					
		101-215-727.000	11.50	SHEET PROTECTORS- 5/PK					
		101-215-727.000	7.19	VOICEMAIL LOG BOOK					
150600	6/09/2015	OFFICE DEPOT	772595064001	5/27/2015	001	49.59	N	49.59	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-215-727.000	49.59	ENVELOPES 12X15.5 WHITE					
150600	6/09/2015	OFFICE DEPOT	772595065001	5/28/2015	001	18.49	N	18.49	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-215-727.000	18.49	REPORT COVERS - 25/PK					
151800	6/09/2015	ORCHARD, HILTZ, & MCCLIMENT, INC.	171304	5/28/2015	001	339.75	N	339.75	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		805-805-970.280	339.75	RIDGEWOOD DRIVE SAD					
151800	6/09/2015	ORCHARD, HILTZ, & MCCLIMENT, INC.	171313	5/28/2015	001	1,539.25	N	1,539.25	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-446-818.000	1,539.25	WAYNE CTY SAD FUNDING					
151800	6/09/2015	ORCHARD, HILTZ, & MCCLIMENT, INC.	171314	5/28/2015	001	2,159.25	N	2,159.25	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		805-805-970.270	2,159.25	COUNTRY ACRES SAD					

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151800	6/09/2015	ORCHARD, HILTZ, & MCCLIMENT, INC. ACCOUNT 805-805-970.320	171315 AMOUNT 1,678.75	5/28/2015 DESCRIPTION WOODLORE SUB SAD	001	1,678.75	N	1,678.75	6/17/2015
160167	6/09/2015	PARAGON LABORATORIES ACCOUNT 592-172-818.000	50148-85913 AMOUNT 157.50	5/18/2015 DESCRIPTION WATER TESTING	001	157.50	N	157.50	6/17/2015
161930	6/09/2015	AIRGAS USA, LLC ACCOUNT 592-291-851.000	9038713473 AMOUNT 113.61	4/24/2015 DESCRIPTION PROPANE REFILL	001	113.61	N	113.61	6/17/2015
161930	6/09/2015	AIRGAS USA, LLC ACCOUNT 592-291-935.000	9039020860 AMOUNT 56.62	5/04/2015 DESCRIPTION CARBON DIOXIDE (2CL)	001	56.62	N	56.62	6/17/2015
161930	6/09/2015	AIRGAS USA, LLC ACCOUNT 592-291-935.000	9039162442 AMOUNT 83.18	5/07/2015 DESCRIPTION CARBON DIOXIDE (3CL)	001	83.18	N	83.18	6/17/2015
180191	6/09/2015	RDC ELECTRIC LLC ACCOUNT 101-305-776.000	486 AMOUNT 85.00	5/22/2015 DESCRIPTION INSTALL BALLAST IN LIGHT	001	85.00	N	85.00	6/17/2015
32505	6/10/2015	CYNERGY PRODUCTS ACCOUNT 101-305-863.000 101-305-863.000	18082 AMOUNT 1,665.00 190.00	5/21/2015 DESCRIPTION REMOVE/REPLACE OLD EQUIP LABOR	001	1,855.00	N	1,855.00	6/17/2015
32505	6/10/2015	CYNERGY PRODUCTS ACCOUNT 101-305-863.000	18136 AMOUNT 904.85	5/29/2015 DESCRIPTION REMOVE ALL EQUIP VEH11-2	001	904.85	N	904.85	6/17/2015
70105	6/10/2015	GALLS, LLC ACCOUNT 101-305-863.000	003516536 AMOUNT 103.44	5/12/2015 DESCRIPTION MINI PHANTOM MAX PLUS	001	103.44	N	103.44	6/17/2015
20025	6/10/2015	B & F AUTO SUPPLY INC ACCOUNT 101-305-863.000	464768 AMOUNT 44.84	5/23/2015 DESCRIPTION VEHICLE SUPPLIES	001	44.84	N	44.84	6/17/2015
130110	6/10/2015	MACNLOW ASSOCIATES ACCOUNT	2014-271 AMOUNT	5/28/2015 DESCRIPTION	001	375.00	N	375.00	6/17/2015

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			101-305-960.000	375.00					
141000	6/10/2015	911 TRAINING INSTITUTE	843	5/27/2015	001	458.00	N	458.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-325-960.000	458.00	OPTIMIZED HOME LIFE TRG					
141398	6/10/2015	NORTHVILLE CAR WASH, INC.	MAY 2015	6/01/2015	001	114.00	N	114.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-863.000	114.00	MAY 2015 CAR WASHES					
200874	6/10/2015	TIDERINGTON, SCOTT	FEB-MAY 2015	6/08/2015	001	339.65	N	339.65	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-758.000	339.65	REIMURSEMENT FOR UNIFORM					
211675	6/10/2015	UPPER LEVEL GRAPHICS	13587	4/27/2015	001	990.00	N	990.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-863.000	495.00	15 EXPLORER VEH #15-1					
		101-305-863.000	495.00	15 EXPLORER VEH #15-2					
30123	6/10/2015	CAMPERZ OUTLET, INC.	00000778	5/05/2015	001	385.00	N	385.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-325-758.000	370.00	UNIFORM PATCHES FOR THE					
		101-325-758.000	15.00	SHIPPING					
32505	6/10/2015	CYNERGY PRODUCTS	18111	5/28/2015	001	349.00	N	349.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-863.000	239.00	REPAIR STALKER RADIO					
		101-305-863.000	25.00	SHIPPING/HANDLING					
		101-305-863.000	85.00	LABOR R & R					
32505	6/10/2015	CYNERGY PRODUCTS	18124	5/29/2015	001	170.00	N	170.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-863.000	170.00	REPAIR DVR IN VEH 15-1					
80072	6/10/2015	HP	95369788	5/08/2015	001	214.97	N	214.97	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-325-727.000	214.97	ADOBE ACROBAT STANDARD					
80750	6/10/2015	HINES PARK LINCOLN MERCURY	C19502	6/01/2015	001	186.63	N	186.63	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-863.000	186.63	OIL CHG/REPAIR/117772					
80750	6/10/2015	HINES PARK LINCOLN MERCURY	C19635	6/02/2015	001	18.00	N	18.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-305-863.000	18.00					
									TIRE REPAIR/157877
120700	6/10/2015	LEO'S CONEY ISLAND	MAR-MAY 2015	6/10/2015	001	367.77	N	367.77	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-325-818.000	367.77	PRISONER MEALS 3/29/15 -					
161310	6/10/2015	PLYMOUTH-CANTON COMMUNITY SCHOOLS	MAY 2015	6/03/2015	001	621.55	N	621.55	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-371-863.000	621.55	MAY15 FUEL					
161310	6/10/2015	PLYMOUTH-CANTON COMMUNITY SCHOOLS	MAY 2015	6/03/2015	001	5,375.87	N	5,375.87	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-863.000	5,267.59	MAY FUEL/PATROL VEHICLES					
		101-325-963.000	108.28	MAY15 FUEL/PSA VEHICLE					
220097	6/10/2015	VANCE'S LAW ENFORCEMENT	320279-1	6/02/2015	001	5,025.00	N	5,025.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-960.000	5,025.00	WINCHESTER 5.56 MM					
230120	6/10/2015	WAYNE COUNTY	279799	5/20/2015	001	280.00	N	280.00	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-832.000	280.00	FEB 2015 PRISONER HOUSING					
93000	6/10/2015	IRON MOUNTAIN	LMH9107	5/31/2015	001	153.92	N	153.92	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-215-727.000	153.92	JUNE 2015 STORAGE					
111485	6/10/2015	KONICA MINOLTA BUSINESS SOLUTIONS	9001456926	5/31/2015	001	151.97	N	151.97	6/17/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-371-727.000	110.63	COPIES					
		101-215-727.000	41.34	COPIES					

*** GRAND TOTALS ***

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126,487.04

126,487.04

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VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
11450	6/09/2015	A T & T	734R01977706	6/01/2015	001	871.23	N	871.23	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-201-853.000	47.15	JUN15 TELEPHONE					
		101-209-853.000	29.39	JUN15 TELEPHONE					
		101-371-853.000	52.27	JUN15 TELEPHONE					
		101-336-853.000	177.11	JUN15 TELEPHONE					
		101-305-853.000	138.63	JUN15 TELEPHONE					
		101-171-853.000	62.92	JUN15 TELEPHONE					
		101-253-853.000	40.79	JUN15 TELEPHONE					
		101-215-853.000	63.14	JUN15 TELEPHONE					
		101-400-853.000	75.94	JUN15 TELEPHONE					
		101-325-853.000	67.15	JUN15 TELEPHONE					
		226-226-853.000	6.67	JUN15 TELEPHONE					
		592-172-853.000	60.00	JUN15 TELEPHONE					
		592-291-805.000	22.24	JUN15 TELEPHONE					
		101-265-854.000	7.97	JUN15 TELEPHONE					
		101-691-853.000	19.86	JUN15 TELEPHONE					
		101-265-853.000	782.32	JUN15 TELEPHONE					
		226-226-853.000	6.67	JUN15 TELEPHONE					
		592-172-853.000	82.24	JUN15 TELEPHONE					
		101-265-853.000	782.32	JUN15 TELEPHONE					
		226-226-853.000	6.67	JUN15 TELEPHONE					
		592-172-853.000	82.24	JUN15 TELEPHONE					
11450	6/09/2015	A T & T	734R01030606	6/01/2015	001	348.50	N	348.50	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-325-853.000	348.50	TO 63015 JUN15 VIDEO ARRAIGNMENT					
11450	6/09/2015	A T & T	734454065805	5/25/2015	001	24.86	N	24.86	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-336-921.000	24.86	TO 62415 FS#2 METERLINE					
11450	6/09/2015	A T & T	734453446105	5/25/2015	001	779.32	N	779.32	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-201-853.000	42.18	JUN15 TELEPHONE					
		101-209-853.000	26.29	JUN15 TELEPHONE					
		101-371-853.000	46.76	JUN15 TELEPHONE					
		101-336-853.000	158.43	JUN15 TELEPHONE					
		101-305-853.000	124.01	JUN15 TELEPHONE					
		101-171-853.000	56.28	JUN15 TELEPHONE					
		101-253-853.000	36.49	JUN15 TELEPHONE					
		101-215-853.000	56.48	JUN15 TELEPHONE					
		101-400-853.000	67.93	JUN15 TELEPHONE					
		101-325-853.000	60.07	JUN15 TELEPHONE					
		226-226-853.000	5.96	JUN15 TELEPHONE					
		592-172-853.000	53.67	JUN15 TELEPHONE					
		592-291-805.000	19.88	JUN15 TELEPHONE					
		101-265-854.000	7.13	JUN15 TELEPHONE					
		101-691-853.000	17.76	JUN15 TELEPHONE					
		101-265-853.000	699.81	JUN15 TELEPHONE					

VENDOR ENTRY NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			226-226-853.000	5.96	JUN15 TELEPHONE				
			592-172-853.000	73.55	JUN15 TELEPHONE				
			101-265-853.000	699.81	JUN15 TELEPHONE				
			226-226-853.000	5.96	JUN15 TELEPHONE				
			592-172-853.000	73.55	JUN15 TELEPHONE				
30870	6/09/2015	CIRCLE HEATING AND COOLING	MAY 2015	5/31/2015	001	2,865.25	N	2,865.25	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-371-818.000	2,865.25	MAY 2015 MECH INSP PAY					
80506	6/09/2015	HEILEMAN, JAMES	MAY 2015	5/31/2015	001	2,780.25	N	2,780.25	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-371-818.000	2,780.25	MAY 2015 ELEC INSP PAY					
131800	6/09/2015	MUNSON, STEVE	MAY 2015	5/31/2015	001	1,425.75	N	1,425.75	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-371-818.000	1,425.75	MAY 2015 PLBG INSP PAY					
161298	6/09/2015	CHARTER TWSP OF PLYMOUTH	APRIL 2015	5/15/2015	001	1,432.76	N	1,432.76	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-171-921.000	34.60	APR15 WATER					
		101-201-921.000	18.51	APR15 WATER					
		101-209-921.000	9.90	APR15 WATER					
		101-215-921.000	30.07	APR15 WATER					
		101-253-921.000	12.56	APR15 WATER					
		101-265-854.000	50.27	APR15 WATER					
		101-265-776.000		WATER					
		101-305-921.000	99.36	APR15 WATER					
		101-315-951.000		WATER					
		101-325-921.000	41.36	APR15 WATER					
		101-336-921.000	485.38	APR15 WATER					
		101-371-921.000	21.78	APR15 WATER					
		101-400-921.000	12.20	APR15 WATER					
		101-691-921.000	241.17	APR15 WATER					
		226-226-921.000	2.87	APR15 WATER					
		592-172-921.000	153.07	APR15 WATER					
		510-510-737.000	169.39	APR15 WATER					
		592-444-745.000	50.27	APR15 WATER					
		101-265-921.000	1,057.16	APR15 WATER					
		226-226-921.000	2.87	APR15 WATER					
		510-510-737.000	169.39	APR15 WATER					
		592-172-921.000	153.07	APR15 WATER					
		592-444-745.000	50.27	APR15 WATER					
		101-265-921.000	1,057.16	APR15 WATER					
		226-226-921.000	2.87	APR15 WATER					
		510-510-737.000	169.39	APR15 WATER					
		592-172-921.000	153.07	APR15 WATER					
		592-444-745.000	50.27	APR15 WATER					
220290	6/09/2015	VERIZON WIRELESS	9745944371	5/20/2015	001	77.10	N	77.10	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-691-853.000	77.10	MAY15 TWP PARK CELL PHONES				
220290	6/09/2015	VERIZON WIRELESS	9746380319	5/26/2015	001	1,570.71	N	1,570.71	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-171-853.000		CELL PHONE					
		101-215-853.000	129.87	MAY15 CELL PHONE					
		101-253-853.000	141.02	MAY15 CELL PHONE					
		101-305-853.000	442.72	MAY15 CELL PHONE					
		101-371-853.000	203.09	MAY15 CELL PHONE					
		101-201-853.000	60.41	MAY15 CELL PHONE					
		101-325-853.000		CELL PHONE					
		101-336-853.000	300.35	MAY15 CELL PHONE					
		101-691-853.000	49.85	MAY15 CELL PHONE					
		592-172-853.000	243.40	MAY15 CELL PHONE					
11242	6/11/2015	ALERUS FINANCIAL	MAY 2015	5/29/2015	001	357.76	N	357.76	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-100-231.000	89.44	RODRIGUEZ, T EE					
		101-325-714.050	268.32	RODRIGUEZ, T ER					
11703	6/11/2015	APEX SOFTWARE	288677	5/27/2015	001	1,230.00	N	1,230.00	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-209-727.000	1,230.00	MAINTENANCE RENEWAL					
12050	6/11/2015	ADP INC	455325051	5/29/2015	001	782.24	N	782.24	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-290-941.000	782.24	PAYROLL PROCESS					
20050	6/11/2015	B & R JANITORIAL SUPPLY	166593	5/22/2015	001	103.53	N	103.53	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-691-931.000	103.53	HEAVY DUTY LINER					
31421	6/11/2015	COMCAST	0952013133001-0	5/14/2015	001	112.85	N	112.85	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-727.000	112.85	INTERNET DPW JUN15					
31421	6/11/2015	COMCAST	0952052827401-1	5/14/2015	001	194.19	N	194.19	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-290-941.000	194.19	TWP JUN15					
31505	6/11/2015	CORPORATE CLEANING GROUP INC	1152	5/13/2015	001	2,817.00	N	2,817.00	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-305-776.000	904.37	CLEANING MAY15					
		101-265-776.000	893.97	CLEANING MAY15					
		592-172-776.000	187.11	CLEANING MAY15					
		101-336-776.000	93.55	CLEANING MAY15					

INVOICE EDIT LISTING

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-325-818.000	261.00	HAZ MAT APRIL 2015				
			101-265-776.000	477.00	SPECIAL D. HACK APR 2015				
31505	6/11/2015	CORPORATE CLEANING GROUP INC	1153	5/13/2015	001	405.00	N	405.00	6/09/2015
		ACCOUNT		AMOUNT	DESCRIPTION				
			592-172-776.000	345.00	MAY 2015 - CLEANING				
			101-265-858.000	60.00	MAY 2015 - CLEANING				
31511	6/11/2015	COUNSELING & ASSESSMENT ASSOC., LLC	MAY 2015	6/01/2015	001	120.00	N	120.00	6/09/2015
		ACCOUNT		AMOUNT	DESCRIPTION				
			101-336-835.000	120.00	INDIVIDUAL SESSION				
41443	6/11/2015	DON'S SMALL ENGINE	26309	5/29/2015	001	78.40	N	78.40	6/09/2015
		ACCOUNT		AMOUNT	DESCRIPTION				
			101-691-931.000	78.40	EZ REACHER /32 REAC				
60805	6/11/2015	FELLRATH, PATRICK	MAY 2015	6/03/2015	001	143.18	N	143.18	6/09/2015
		ACCOUNT		AMOUNT	DESCRIPTION				
			592-172-727.000	143.18	MILEAGE MAY15				
72200	6/11/2015	GUARDIAN ALARM CO	16889363	6/01/2015	001	210.00	N	210.00	6/09/2015
		ACCOUNT		AMOUNT	DESCRIPTION				
			510-510-737.000	105.00	ALARM SERVICE JUN 2015				
			510-510-737.000	105.00	ALARM SERVICE MAY 2015				
81452	6/11/2015	HONKE, ANITA	JUNE 2015	6/01/2015	001	104.90	N	104.90	6/09/2015
		ACCOUNT		AMOUNT	DESCRIPTION				
			101-336-714.000	104.90	HONKE, ANITA JUN15				
			101-336-714.000		2013 MEDICARE PART B JUN				
81675	6/11/2015	HUBBELL, ROTH, & CLARK, INC.	0136085	5/28/2015	001	298.70	N	298.70	6/09/2015
		ACCOUNT		AMOUNT	DESCRIPTION				
			101-851-971.000	298.70	TWP FOOTBRIDGE PROJECT				
101300	6/11/2015	JOHN DEERE LANDSCAPES INC	71840345	5/19/2015	001	205.81	N	205.81	6/09/2015
		ACCOUNT		AMOUNT	DESCRIPTION				
			101-691-931.000	103.40	STRAW MAT				
			101-691-931.000	102.41	SEED				
111275	6/11/2015	KNUPP, FRED L.	JUNE 2015	6/01/2015	001	93.50	N	93.50	6/09/2015
		ACCOUNT		AMOUNT	DESCRIPTION				
			101-336-714.000	93.50	KNUPP, FRED L. JUN15				
			101-336-714.000		2012 MEDICARE PART B JUN				
130100	6/11/2015	MAAS, CARLAS	JUNE 2015	6/01/2015	001	136.40	N	136.40	6/09/2015
		ACCOUNT		AMOUNT	DESCRIPTION				

INVOICE EDIT LISTING

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-336-714.000	136.40	MAAS, CARLAS	JUN15			
			101-336-714.000		2012 MEDICARE PART B	JUN			
130139	6/11/2015	JOHN HANCOCK LIFE INSURANCE CO.	MAY 2015	5/29/2015	001	3,447.43	N	3,447.43	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-100-231.000	90.60						
		101-100-231.000	117.68						
		101-100-231.000	195.02						
		101-100-231.000	172.32						
		101-100-231.000	95.12						
		101-100-231.000	88.42						
		101-100-231.000	195.02						
		101-100-231.000	193.17						
		101-100-231.000							
		101-100-231.000	78.02						
		101-100-231.000	106.80						
		101-100-231.000							
		101-100-231.000	180.49						
		101-100-231.000							
		101-100-231.000	134.07						
		101-100-231.000	95.12						
		101-100-231.000	166.56						
		101-100-231.000	106.80						
		101-100-231.000	90.60						
		101-100-231.000	90.60						
		101-100-231.000							
		101-100-231.000	65.24						
		101-100-231.000	88.42						
		101-100-231.000	214.20						
		101-100-231.000	103.55						
		101-100-231.000	75.20						
		101-100-231.000	88.42						
		101-100-231.000	100.00						
		101-100-231.000	90.60						
		101-100-231.000	90.60						
		101-100-231.000	216.26						
		101-100-231.000							
		101-100-231.000	118.53						
130139	6/11/2015	JOHN HANCOCK LIFE INSURANCE CO.	MAY 2015	5/29/2015	001	12,855.80	N	12,855.80	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-291-714.040	271.80						
		592-291-714.010	353.04						
		101-215-714.010	585.06						
		101-171-714.010	516.96						
		592-291-714.040	285.36						
		101-336-714.020	265.27						
		101-253-714.010	585.06						
		592-291-714.010	579.51						
		101-305-714.010	265.28						
		101-265-714.010	220.28						

INVOICE EDIT LISTING

VENDOR ENTRY NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-336-714.020			234.06			
			101-253-714.010			320.41			
			101-325-714.050			265.28			
			101-201-714.010			541.48			
			101-336-714.010			230.74			
			592-291-714.010			402.21			
			592-291-714.040			285.36			
			592-172-714.010			230.74			
			101-215-714.010			291.83			
			101-371-714.010			499.68			
			101-215-714.010			320.41			
			592-291-714.040			271.80			
			592-291-714.040			271.80			
			101-371-714.010			252.11			
			101-305-714.010			230.74			
			101-336-714.020			265.27			
			101-171-714.010			642.60			
			101-371-714.010			291.83			
			101-400-714.010			310.64			
			592-291-714.040			225.60			
			101-336-714.020			265.27			
			592-172-714.010			230.74			
			592-291-714.040			271.80			
			592-291-714.040			271.80			
			101-305-714.010			648.78			
			226-226-714.010			291.83			
			592-172-714.010			207.79			
			101-171-714.010			355.58			
130140	6/11/2015	JOHN HANCOCK LIFE INSURANCE CO.	MAY 2015	5/27/2015	001	126.60	N	126.60	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-100-237.000	30.00	ANTAL, ROBERT	MAY15				
		101-100-237.000	96.60	JOWSEY, NANCY	MAY15				
130170	6/11/2015	MARK'S OUTDOOR POWER EQUIPMENT	92239	5/27/2015	001	29.00	N	29.00	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-691-931.000	29.00	HEAD FOR ECHO TRIMMER					
130170	6/11/2015	MARK'S OUTDOOR POWER EQUIPMENT	92292	5/28/2015	001	175.75	N	175.75	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-691-931.000	69.80	TORO MOWER PARTS					
		101-691-931.000	105.95	LABOR					
130170	6/11/2015	MARK'S OUTDOOR POWER EQUIPMENT	92595	6/01/2015	001	220.99	N	220.99	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-691-931.000	58.83	AIR FILTER-PRIMARY					
		101-691-931.000	32.16	FUEL FILTER					
		101-691-931.000	53.94	OIL FILTER					
		101-691-931.000	14.88	PLUG/STK #71G (71)					
		101-691-931.000	28.20	QUART OF OIL					

INVOICE EDIT LISTING

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-691-931.000	5.50	SPARK PLUG				
			101-691-931.000	27.48	TRUE-BLUE BELT				
130926	6/11/2015	MICHIGAN CONFERENCE OF TEAMSTERS	JUN 2015	5/27/2015	001	9,765.00	N	9,765.00	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-716.000	1,395.00	BARTLETT, J JUN					
		592-172-716.000	1,395.00	COURTER, R JUN					
		592-172-716.000	1,395.00	KRUEGER, R JUN					
		592-172-716.000	1,395.00	MELOW, S JUN					
		592-172-716.000	1,395.00	OVERAITIS, J JUN					
		592-172-716.000	1,395.00	SCHOLTEN, J JUN					
		592-172-716.000	1,395.00	THOMAS, J JUN					
131042	6/11/2015	MIDWEST GOLF & TURF	43096	5/21/2015	001	105.54	N	105.54	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		510-510-776.000	97.18	FUEL PUMP RETROFIT					
		510-510-776.000	8.36	SHIPPING					
140144	6/11/2015	NATIONAL VISION ADMINISTRATORS LLC	4221138	5/18/2015	001	1,213.38	N	1,213.38	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-716.000	9.23	ANDERSON, C RETIREE JUN					
		101-305-714.000	9.23	ANDERSON, E RETIREE JUN					
		101-305-714.000	13.34	ANTAL, R JUN					
		592-172-716.000	9.23	ANULEWICZ, J RETIREE JUN					
		101-336-714.000	13.34	ATKINS, D JUN					
		101-290-714.000	5.12	BARNEY, S RETIREE JUN					
		101-305-714.000	9.23	BARTRAM, B JUN					
		101-336-714.000	9.23	BELSKY, D RETIREE JUN					
		101-325-714.000	5.12	BEREZAK, J JUN					
		101-305-714.000	9.23	BERRY, C RETIREE JUN					
		101-325-714.000	5.12	BRANDT, S JUN					
		101-305-714.000	13.34	BROTHERS, J JUN					
		592-172-716.000	9.23	BRUCE, M JUN					
		101-336-714.000	13.34	BUKIS, P JUN					
		101-305-714.000	13.34	CHESTON, S JUN					
		101-305-714.000	9.23	CIOMA, B JUN					
		101-325-714.000	13.34	CLARK, K JUN					
		101-305-714.000	13.34	COFFELL, S JUN					
		101-336-714.000	13.34	CONELY, P JUN					
		101-336-714.000	13.34	CONROY, W JUN					
		101-215-714.000	13.34	CONZELMAN, N JUN					
		101-171-714.000	9.23	COOBATIS, J JUN					
		101-325-714.000	9.23	CROWE, R JUN					
		101-336-714.000	13.34	CULVER, E JUN					
		101-305-714.000	13.34	DRAKE, J JUN					
		101-253-714.000	13.34	EDWARDS, R JUN					
		101-336-714.000	9.23	ELDRIDGE, D RETIREE JUN					
		101-325-714.000	13.34	FELL, C JUN					
		592-172-716.000	13.34	FELLRATH, P JUN					
		101-305-714.000	13.34	FETNER, W JUN					
		101-305-714.000	5.12	FETTER, J JUN					

VENDOR ENTRY NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			592-172-716.000	9.23	FIDH, R		RETIREE JUN		
			101-336-714.000	13.34	FOX, D		JUN		
			101-305-714.000	9.23	FRITZ, M		JUN		
			101-305-714.000	13.34	GORDON, C		JUN		
			101-336-714.000	13.34	GROSS, S		JUN		
			101-336-714.000	9.23	GROTH, L		RETIREE JUN		
			101-265-714.000	9.23	HAACK, D		JUN		
			101-336-714.000	9.23	HAAR, J		RETIREE JUN		
			101-336-714.000	13.34	HAHN, D		RETIREE JUN		
			101-336-714.000	13.34	HALLER, C		JUN		
			101-253-714.000	13.34	HAMMYE, A		JUN		
			101-336-714.000	13.34	HARNED, T		JUN		
			101-336-714.000	5.12	HARRELL, J		JUN		
			101-305-714.000	5.12	HASKIN, D		JUN		
			101-305-714.000	9.23	HAYES, J		JUN		
			101-305-714.000	5.12	HINKLE, M		JUN		
			101-305-714.000	13.34	HOFFMAN, M		JUN		
			592-172-716.000	5.12	HOLLIS, T		RETIREE JUN		
			101-336-714.000	5.12	HONKE, A (SURV SPOUSE)		JUN		
			101-325-714.000	5.12	HUNT, N		JUN		
			101-325-714.000	9.23	INNES, D		JUN		
			101-201-714.000	13.34	JANKS, R		JUN		
			101-305-714.000	5.12	JARVIS, J		RETIREE JUN		
			101-336-714.000	9.23	JOWSEY, N		JUN		
			101-336-714.000	13.34	JURY, J		RETIREE JUN		
			592-172-716.000	13.34	KARLL, M		JUN		
			101-305-714.000	9.23	KING, C		JUN		
			101-336-714.000	9.23	KING, M		RETIREE JUN		
			101-371-714.000	9.23	KLOC, T		RETIREE JUN		
			101-336-714.000	9.23	KNUPP, F		RETIREE JUN		
			101-691-714.000	9.23	KOZIAN, P		RETIREE JUN		
			101-305-714.000	13.34	KREBS, R		JUN		
			101-305-714.000	13.34	KUDRA, D		JUN		
			101-305-714.000	9.23	LAURIA, K		JUN		
			101-215-714.000	5.12	LECLAIR, D		JUN		
			101-305-714.000	13.34	LEGO, M		RETIREE JUN		
			101-371-714.000	13.34	LEWIS, M		JUN		
			101-305-714.000	13.34	LINTON, M		JUN		
			101-215-714.000	13.34	LOZIER, M		JUN		
			101-336-714.000	5.12	MAAS, C		RETIREE JUN		
			101-336-714.000	9.23	MACK, C		JUN		
			101-336-714.000	13.34	MALLARI, J		JUN		
			101-336-714.000	5.12	MANGAN, G		JUN		
			101-336-714.000	13.34	MANN, C		JUN		
			101-290-714.000	5.12	MASSENGILL, M		RETIREE JUN		
			101-336-714.000	13.34	MAYCOCK, R		RETIREE JUN		
			101-305-714.000	9.23	MC PARLAND, J		JUN		
			101-336-714.000	5.12	MCDURMON, D		RETIREE JUN		
			101-371-714.000	9.23	MCILHARGEY, C		RETIREE JUN		
			101-336-714.000	5.12	MILLER, C		RETIREE JUN		
			101-336-714.000	9.23	MOTHERSBOUGH, F		RETIREE JUN		
			101-371-714.000	9.23	PALMARCHUK, C		JUN		
			101-305-714.000	5.12	PAWLOWSKI, D		JUN		
			101-336-714.000	13.34	PHILLIPS, D		JUN		

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-336-714.000	5.12	PICKERT, D JUN				
			101-171-714.000	13.34	PRICE, S JUN				
			101-371-714.000	13.34	PUMPHREY, K JUN				
			101-209-714.000	9.23	PYYKKONEN, C RETIREE JUN				
			101-336-714.000	13.34	RAINEY, P RETIREE JUN				
			101-305-714.000	9.23	RAPSON, S RETIREE JUN				
			101-290-714.000	9.23	RICHARDSON, M RETIREE JUN				
			101-305-714.000	5.12	RIPP, J JUN				
			101-325-714.000	9.23	ROCKWELL, H RETIREE JUN				
			101-325-714.000	5.12	RODRIGUEZ, T JUN				
			265-300-714.000	9.23	ROZUM, C JUN				
			101-305-714.000	13.34	RUPARD, B JUN				
			101-336-714.000	9.23	RUSSO, C RETIREE JUN				
			101-305-714.000	5.12	SCHEMANSKE, J JUN				
			101-305-714.000	13.34	SEIPENKO, T JUN				
			592-172-716.000	5.12	SMITH, C RETIRED JUN				
			101-336-714.000	13.34	SMITH, CHRIS JUN				
			101-305-714.000	9.23	SMITH, R RETIREE JUN				
			101-325-714.000	13.34	SMITH, S JUN				
			101-691-714.000	5.12	SMITH, T RETIREE JUN				
			101-305-714.000	5.12	SMITHERMAN, J JUN				
			592-172-716.000	9.23	SNELL, D JUN				
			101-336-714.000	13.34	TEFEND, R JUN				
			101-305-714.000	5.12	TIDERINGTON, S JUN				
			101-305-714.000	13.34	TIDERINGTON, T JUN				
			101-325-714.000	9.23	TURLEY, M JUN				
			101-336-714.000	9.23	VALENSKY, J RETIREE JUN				
			101-336-714.000	9.23	VANVLECK, C RETIREE JUN				
			101-336-714.000	9.23	VILLET, G JUN				
			592-172-716.000	13.34	VISEL, S JUN				
			101-171-714.000	9.23	WALLACE, A JUN				
			101-336-714.000	9.23	WARREN, W RETIREE JUN				
			101-305-714.000	5.12	WARRING, A JUN				
			101-336-714.000	5.12	WENDEL, M JUN				
			101-336-714.000	13.34	WESTFALL, G RETIREE JUN				
			101-290-714.000	9.23	WHITMORE, I RETIREE JUN				
			101-305-714.000	9.23	WILSON, D RETIREE JUN				
			101-305-714.000	5.12	WOOD, K RETIREE JUN				
161260	6/11/2015	PLYMOUTH POSTMASTER		MAY 2015	4/30/2015 001	1,200.00	N	1,200.00	6/09/2015
		ACCOUNT		AMOUNT	DESCRIPTION				
		592-172-730.000		1,200.00	PERMIT # 218 MONTHLY				
161297	6/11/2015	PLYMOUTH URGENT CARE		0012345	6/01/2015 001	600.00	N	600.00	6/09/2015
		ACCOUNT		AMOUNT	DESCRIPTION				
		101-691-727.000		440.00	PRE PLACEMENT SEASONAL				
		592-172-727.000		160.00	PRE PLACEMNT DPW SEASONAL				
161299	6/11/2015	CHARTER TWSP OF PLYMOUTH		MARCH 2015	6/03/2015 001	15,051.66	N	15,051.66	6/09/2015
		ACCOUNT		AMOUNT	DESCRIPTION				
		101-305-851.000		90.00	LIVONIA LOCK & KEY				

VENDOR ENTRY NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-336-727.000	35.00	SOUTHEAST MI ASSOC CHIEFS				
			592-100-035.000	203.78	PAYPAL - STUBHUB				
			101-215-960.000	52.01	MOUNTAIN TOWN STATION				
			101-215-960.000	49.58	ITALIAN OVEN				
			101-215-960.000	33.51	BRASS CAFE				
			101-215-960.000	382.50	THE COMFORT INN				
			101-171-727.000	6.00	KROGER				
			101-171-727.000	3.00	KROGER				
			592-172-861.000	840.20	EXPEDIA-DELTA				
			592-172-861.000	140.01	EXPEDIA				
			592-172-727.000	42.00	MICHIGAN NOTARY				
			101-336-863.000	9.44	HOME DEPOT				
			101-336-863.000	150.78	HOME DEPOT				
			101-336-863.000	161.73	HOME DEPOT				
			101-305-863.000	26.52	STATE OF MI				
			101-325-851.000	406.87	US CARGO CONTROL				
			101-336-885.000	191.36	HOME DEPOT				
			101-336-885.000	112.46	HOME DEPOT				
			101-336-885.000	12.75	GREAT LAKES ACE				
			101-336-885.000	11.26	GREAT LAKES ACE				
			101-336-979.000	274.34	HOME DEPOT				
			101-336-979.000	39.43	HOME DEPOT				
			101-336-885.000	25.94	HOME DEPOT				
			101-336-885.000	12.97	HOME DEPOT				
			101-336-885.000	12.57	HOME DEPOT				
			101-336-776.000	11.99	KMART				
			101-265-776.000	65.82	DELLWOOD SUPPLY				
			101-691-931.000	12.72	DOLLAR TREE				
			101-265-776.000	64.67	TARGET				
			101-305-776.000	19.96	TARGET				
			101-265-776.000	37.16	BANK'S VACUUM				
			101-265-776.000	13.59	HOME DEPOT				
			101-305-776.000	1.19	HOME DEPOT				
			101-336-776.000	209.93	HOME DEPOT				
			592-172-776.000	58.64	DELWOOD SUPPLY				
			101-336-776.000	52.89	HOME DEPOT				
			101-371-727.000	26.49	VERIZON WIRELESS				
			101-265-776.000	120.00	CAROUSEL CLEANING				
			101-305-776.000	370.00	CAROUSEL CLEANING				
			101-305-776.000	190.00	CAROUSEL CLEANING				
			101-305-776.000	12.34	GRAYBAR				
			101-201-727.000	181.04	CDW GOVERNMENT				
			101-101-861.000	1,353.00	APPLE STORE				
			592-291-863.000	104.00	HOME DEPOT				
			592-291-851.000	1,029.89	MARSH POWER TOOLS				
			592-291-851.000	49.80	HOME DEPOT				
			592-291-851.000	20.95	HOME DEPOT				
			592-291-851.000	4.56	HOME DEPOT				
			592-291-851.000	299.99	MARSH POWER TOOLS				
			592-291-851.000	115.90	HOME DEPOT				
			592-291-851.000	94.19	HOME DEPOT				
			101-265-776.000	19.92	ALSIDE SUPPLY				
			101-691-931.000	91.40	HOME DEPOT				
			101-215-960.000	382.50	COMFORT INN				

INVOICE EDIT LISTING

VENDOR ENTRY NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-336-863.000	9.91	HOME DEPOT				
			101-336-835.000	17.64	HOME DEPOT				
			101-336-727.000	15.00	SOUTHEAST MI ASSOC CHIEFS				
			101-336-960.000	35.00	SOUTHEAST MI ASSOC CHIEFS				
			101-336-727.000	63.59	TIM HORTONS				
			101-336-960.000	400.00	WWW.RAFT911.ORG				
			101-336-727.000	37.65	OFFICEMAX				
			101-336-727.000	59.50	FIRE PROTECTION PUB				
			101-691-931.000	216.78	DON'S SMALL ENGINE				
			101-691-931.000	70.00	DON'S SMALL ENGINE				
			101-691-931.000	63.93	HOME DEPOT				
			101-691-931.000	115.49	MARK'S OUTDOOR				
			101-691-931.000	24.49	MARK'S OUTDOOR				
			510-510-776.000	143.74	BADER & SONS				
			101-691-931.000	17.89	HOME DEPOT				
			246-246-970.150	5,654.35	CONSUMERS ENERGY				
			101-171-727.000	50.00	MIPRIMA.ORG				
			101-101-885.000	160.00	PLYMOUTH CHAMBER				
			101-305-960.000	216.45	AMWAY GRAND PLAZA				
			101-209-727.000	80.48	GRAND TRAVERSE PIE				
			101-209-727.000	29.97	GRAND TRAVERSE PIE				
			101-171-727.000	14.40	ENGRAVING CONNECTION				
190310	6/11/2015	SCHULTZ AND YOUNG, P.C.	20534-20536	5/19/2015	001	1,982.50	N	1,982.50	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-325-828.000	76.25	LEGAL SERVICE	APR				
		101-336-826.000	152.50	LEGAL SERVICE	APR				
		101-290-826.000		LEGAL SERVICE	APR				
		101-305-826.000	1,753.75	LEGAL SERVICE	APR				
		592-172-830.000		LEGAL SERVICE	APR				
191650	6/11/2015	SPARTAN DISTRIBUTORS	11691695	5/26/2015	001	36.74	N	36.74	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		510-510-776.000	.24	CUT WASHER					
		510-510-776.000	12.54	FREIGHT					
		510-510-776.000	.80	HEX CAPSCREW					
		510-510-776.000	19.31	PIN PIVOT					
		510-510-776.000	3.85	THRUST WASHER					
211532	6/11/2015	UPS	0000Y65Y35225	5/30/2015	001	21.43	N	21.43	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-171-727.000	7.29	SUPERVISOR MAILING					
		101-215-727.000	14.14	CLERK MAILING					
230120	6/11/2015	WAYNE COUNTY	279844	5/22/2015	001	1,070.59	N	1,070.59	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-446-920.000	1,070.59	TRAFFIC SIG ENG 4/15					
150200	6/11/2015	OBSERVER & ECCENTRIC NEWSPAPERS	244017	6/04/2015	001	43.44	N	43.44	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					

INVOICE EDIT LISTING

VENDOR ENTRY NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-215-813.000	43.44	BOT MTG DATES	JUNE 2015			
31460	6/11/2015	CONSUMERS ENERGY	MAY 2015	6/08/2015	001	2,258.45	N	2,258.45	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-171-921.000	156.89	MAY15 NATURAL GAS					
		101-201-921.000	83.95	MAY15 NATURAL GAS					
		101-209-921.000	44.91	MAY15 NATURAL GAS					
		101-215-921.000	136.35	MAY15 NATURAL GAS					
		101-253-921.000	56.95	MAY15 NATURAL GAS					
		101-265-854.000	55.67	MAY15 NATURAL GAS					
		101-265-776.000		NATURAL GAS					
		101-305-921.000	450.58	MAY15 NATURAL GAS					
		101-315-951.000		NATURAL GAS					
		101-325-921.000	187.57	MAY15 NATURAL GAS					
		101-336-921.000	301.76	MAY15 NATURAL GAS					
		101-371-921.000	98.77	MAY15 NATURAL GAS					
		101-400-921.000	55.33	MAY15 NATURAL GAS					
		101-691-921.000	213.90	MAY15 NATURAL GAS					
		226-226-921.000	13.00	MAY15 NATURAL GAS					
		592-172-921.000	203.48	MAY15 NATURAL GAS					
		510-510-737.000	153.74	MAY15 NATURAL GAS					
		592-444-745.000	45.60	MAY15 NATURAL GAS					
		101-265-921.000	1,842.63	MAY15 NATURAL GAS					
		226-226-921.000	13.00	MAY15 NATURAL GAS					
		510-510-737.000	153.74	MAY15 NATURAL GAS					
		592-172-921.000	203.48	MAY15 NATURAL GAS					
		592-444-745.000	45.60	MAY15 NATURAL GAS					
		101-265-921.000	1,842.63	MAY15 NATURAL GAS					
		226-226-921.000	13.00	MAY15 NATURAL GAS					
		510-510-737.000	153.74	MAY15 NATURAL GAS					
		592-172-921.000	203.48	MAY15 NATURAL GAS					
		592-444-745.000	45.60	MAY15 NATURAL GAS					
8	6/11/2015	FALLZONE SAFETY SURFACING	15-051	6/11/2015	001	26,705.70	N	26,705.70	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		246-246-970.150	26,705.70	SPLASH PAD					
161260	6/11/2015	PLYMOUTH POSTMASTER	JUNE 2015	6/08/2015	001	6,000.00	Y	6,000.00	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-290-730.000	6,000.00	PERMIT 218 NEWSLETTER					
180735	6/11/2015	RESERVE ACCOUNT	JUNE 2015	6/08/2015	001	9,000.00	N	9,000.00	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-290-730.000	9,000.00	POSTAGE- TAX BILLS, MISC					
211532	6/12/2015	UPS	0000Y65Y35235	6/06/2015	001	21.06	N	21.06	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-253-727.000	6.82	TREASURER MAILING					
		101-215-727.000	7.12	CLERK MAILING					

INVOICE EDIT LISTING

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-215-727.000	7.12	CLERK MAILING				
41444	6/12/2015	DOMINO'S TILE, LLC	201520	6/09/2015	001	5,897.00	N	5,897.00	6/09/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		246-246-970.150	5,897.00	TILE RESTROOM & HALLWAY					
*** GRAND TOTALS ***			50 INVOICES			117,397.25		117,397.25	

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
161260	6/03/2015	PLYMOUTH POSTMASTER	JUNE 2015	6/03/2015	001	3,500.00	N	3,500.00	6/03/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		226-226-727.000	3,500.00	SWD SURVEY MAILING					

*** GRAND TOTALS ***

1 INVOICES

3,500.00

3,500.00

INVOICE EDIT LISTING

VENDOR ENTRY NO.	DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
31460	5/27/2015	CONSUMERS ENERGY	1000 4795 1320	5/07/2015	001	44.56	N	44.56	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-691-921.000	44.56	APR15 NATURAL GAS					
		101-265-921.000	44.56	APR15 NATURAL GAS					
		101-265-921.000	44.56	APR15 NATURAL GAS					
40575	5/27/2015	DTE ENERGY	3177 072 0002 6	5/20/2015	001	143.36	N	143.36	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-691-921.000	143.36	MAY15 BASEBALL DIAMONDS					
40575	5/27/2015	DTE ENERGY	1840 665 0002 8	5/20/2015	001	29.28	N	29.28	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		510-510-737.000	29.28	FEB15-MAY15 12250 BECK RD.					
40575	5/27/2015	DTE ENERGY	1840 729 0006 3	5/20/2015	001	671.37	N	671.37	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		510-510-737.000	24.97	HTGC MAINTENANCE SHED MAY15					
		510-510-737.000	646.40	HTGC CLUBHOUSE MAY15					
40580	5/27/2015	DTE ENERGY	7022793	5/20/2015	001	5,189.76	N	5,189.76	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-446-920.000	5,189.76	APR15 MUNICIPAL STREET LIGHTING					
150200	5/27/2015	OBSERVER & ECCENTRIC NEWSPAPERS	241159	5/07/2015	001	43.44	N	43.44	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-215-813.000	43.44	PUBLIC HRG FED MOGUL IFT					
150200	5/27/2015	OBSERVER & ECCENTRIC NEWSPAPERS	242710	5/14/2015	001	43.44	N	43.44	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-215-813.000	43.44	BOT MEETING NOTICE - MAY15					
150200	5/27/2015	OBSERVER & ECCENTRIC NEWSPAPERS	242981	5/17/2015	001	65.16	N	65.16	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-215-813.000	65.16	ZBA NOTICE JUNE 4 2015					
190251	5/27/2015	A T & T LONG DISTANCE	836376571	5/13/2015	001	94.63	N	94.63	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-201-853.000	6.47	APR15 ATT LONG DISTANCE					
		101-209-853.000	3.86	APR15 ATT LONG DISTANCE					
		101-371-853.000	10.77	APR15 ATT LONG DISTANCE					
		101-336-853.000	17.00	APR15 ATT LONG DISTANCE					
		101-305-853.000	17.22	APR15 ATT LONG DISTANCE					
		101-171-853.000	10.07	APR15 ATT LONG DISTANCE					
		101-253-853.000	8.59	APR15 ATT LONG DISTANCE					
		101-215-853.000	5.02	APR15 ATT LONG DISTANCE					

VENDOR ENTRY NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-400-853.000	4.01	APR15 ATT LONG DISTANCE				
			101-325-853.000	6.48	APR15 ATT LONG DISTANCE				
			101-265-854.000	1.54	APR15 ATT LONG DISTANCE				
			101-691-853.000	1.25	APR15 ATT LONG DISTANCE				
			226-226-853.000	.21	APR15 ATT LONG DISTANCE				
			592-172-853.000	2.14	APR15 ATT LONG DISTANCE				
			101-265-853.000	92.26	APR15 ATT LONG DISTANCE				
			101-265-853.000	92.26	APR15 ATT LONG DISTANCE				
			226-226-853.000	.21	APR15 ATT LONG DISTANCE				
			226-226-853.000	.21	APR15 ATT LONG DISTANCE				
			592-172-853.000	2.14	APR15 ATT LONG DISTANCE				
			592-172-853.000	2.14	APR15 ATT LONG DISTANCE				
211532	5/27/2015	UPS	0000Y65Y35504	12/13/2014	001	27.83	N	27.83	5/27/2015
			ACCOUNT	AMOUNT	DESCRIPTION				
			101-171-727.000	7.53	CABLE				
			101-215-727.000	7.22	RESERVE ACCOUNT				
			101-171-727.000	13.08	SUPERVISOR				
1004	5/27/2015	DOOLEY, DEBORAH RENEE	05052015	5/26/2015	001	215.00	N	215.00	5/27/2015
			ACCOUNT	AMOUNT	DESCRIPTION				
			101-262-710.000	215.00	MAY 5 2015 ELECTION				
11242	5/28/2015	ALERUS FINANCIAL	MAY 2015	5/15/2015	001	357.76	N	357.76	5/27/2015
			ACCOUNT	AMOUNT	DESCRIPTION				
			101-100-231.000	89.44	RODRIGUEZ, T EE				
			101-325-714.050	268.32	RODRIGUEZ, T ER				
31120	5/28/2015	CLARK, KRISTINA	WINTER 2015	5/18/2015	001	103.00	N	103.00	5/27/2015
			ACCOUNT	AMOUNT	DESCRIPTION				
			101-325-714.000	103.00	TUITION REIMBURSE WIN2015				
38255	5/28/2015	DJL BUILDERS, INC.	MAY 2015	5/24/2015	001	1,200.00	N	1,200.00	5/27/2015
			ACCOUNT	AMOUNT	DESCRIPTION				
			246-246-970.150	1,200.00	PARK SHELTER 2`				
40530	5/28/2015	DELTA DENTAL PLAN OF MI	RIS0000784855	6/01/2015	001	10,393.27	N	10,393.27	5/27/2015
			ACCOUNT	AMOUNT	DESCRIPTION				
			101-305-714.000	69.22	ANDERSON-SMITH, E RETIRE JUN				
			592-172-716.000	69.22	ANDERSON, C RETIRED JUN				
			101-305-714.000	117.82	ANTAL, R JUN				
			592-172-716.000	69.22	ANULEWICZ, J RETIRED JUN				
			101-336-714.000	117.82	ATKINS, D JUN				
			101-290-714.000	37.41	BARNEY, S RETIRED JUN				
			101-305-714.000	69.22	BARTRAM, B JUN				
			101-336-714.000	69.22	BELSKY, D RETIRED JUN				
			101-325-714.000	37.41	BEREZAK, J JUN				
			101-305-714.000	69.22	BERRY, C RETIRED JUN				

INVOICE EDIT LISTING

VENDOR ENTRY NO.	DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-325-714.000	37.41	BRANDT, S JUN				
			101-305-714.000	117.82	BROTHERS, J JUN				
			592-172-716.000	69.22	BRUCE, M JUN				
			101-336-714.000	117.82	BUKIS, P JUN				
			101-305-714.000	117.82	CHESTON, S JUN				
			101-305-714.000	69.22	CIOMA, B JUN				
			101-325-714.000	117.82	CLARK, K JUN				
			101-305-714.000	117.82	COFFELL, S JUN				
			101-336-714.000	117.82	CONELY, P JUN				
			101-336-714.000	117.82	CONROY, W JUN				
			101-215-714.000	117.82	CONZELMAN, N JUN				
			101-171-714.000	69.22	COOBATIS, J JUN				
			101-325-714.000	69.22	CROWE, R JUN				
			101-336-714.000	117.82	CULVER, E JUN				
			101-305-714.000	117.82	DRAKE, J JUN				
			101-253-714.000	117.82	EDWARDS, R JUN				
			101-336-714.000	69.22	ELDRIDGE, D RETIRED JUN				
			101-325-714.000	117.82	FELL, C JUN				
			592-172-716.000	117.82	FELLRATH, P JUN				
			101-305-714.000	117.82	FETNER, W JUN				
			101-305-714.000	37.41	FETTER, J JUN				
			592-172-716.000	69.22	FIDH, R RETIRED JUN				
			101-336-714.000	117.82	FOX, D JUN				
			101-305-714.000	69.22	FRITZ, M JUN				
			101-305-714.000	117.82	GORDON, C JUN				
			101-336-714.000	117.82	GROSS, S JUN				
			101-336-714.000	69.22	GROTH, L RETIRED JUN				
			101-265-714.000	69.22	HAACK, D JUN				
			101-336-714.000	69.22	HAAR JR, J RETIRED JUN				
			101-336-714.000	117.82	HAHN, D RETIRED JUN				
			101-336-714.000	117.82	HALLER, C JUN				
			101-253-714.000	117.82	HAMMYE, A JUN				
			101-336-714.000	117.82	HARNED, T JUN				
			101-336-714.000	37.41	HARRELL, J JUN				
			101-305-714.000	37.41	HASKIN, D JUN				
			101-305-714.000	69.22	HAYES, J JUN				
			101-305-714.000	37.41	HINKLE, M JUN				
			101-305-714.000	117.82	HOFFMAN, M JUN				
			592-172-716.000	37.41	HOLLIS, T RETIRED JUN				
			101-336-714.000	37.41	HONKE, A (RET SURVIVOR) JUN				
			101-325-714.000	37.41	HUNT, N JUN				
			101-325-714.000	69.22	INNES, D JUN				
			101-201-714.000	117.82	JANKS, R JUN				
			101-305-714.000	37.41	JARVIS, J RETIRED JUN				
			101-336-714.000	69.22	JOWSEY, N JUN				
			101-336-714.000	117.82	JURY, J RETIRED JUN				
			592-172-716.000	117.82	KARL, M JUN				
			101-305-714.000	69.22	KING, C JUN				
			101-336-714.000	69.22	KING, M RETIRED JUN				
			101-371-714.000	69.22	KLOC, T RETIRED JUN				
			101-336-714.000	69.22	KNUPP, F RETIRED JUN				
			101-691-714.000	69.22	KOZIAN, P RETIRED JUN				
			101-305-714.000	117.82	KREBS, R JUN				
			101-305-714.000	117.82	KUDRA, D JUN				

VENDOR ENTRY NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			592-172-716.000	69.22	LATAWIEC, K JUN				
			101-305-714.000	69.22	LAURIA, K JUN				
			101-215-714.000	37.41	LECLAIR, D JUN				
			101-305-714.000	117.82	LEGO, M RETIRED JUN				
			101-371-714.000	117.82	LEWIS, M JUN				
			101-305-714.000	117.82	LINTON, M JUN				
			101-215-714.000	117.82	LOZIER, M JUN				
			101-336-714.000	37.41	MAAS, C RETIRED JUN				
			101-336-714.000	69.22	MACK, C JUN				
			101-336-714.000	117.82	MALLARI, G JUN				
			101-336-714.000	37.41	MANGAN, G JUN				
			101-336-714.000	117.82	MANN, C JUN				
			101-290-714.000	37.41	MASSENGILL, M RETIRED JUN				
			101-336-714.000	69.22	MAYCOCK, R RETIRED JUN				
			101-336-714.000	37.41	MCDURMON, D RETIRED JUN				
			101-371-714.000	69.22	MCILHARGEY, C RETIRED JUN				
			101-305-714.000	69.22	MCPARLAND, J JUN				
			101-305-714.000	63.01	MI STATE CLAIM ASSESSMENT JUN				
			101-336-714.000	37.41	MILLER, C RETIRED JUN				
			101-336-714.000	69.22	MOTHERSBAUGH, F RETIRED JUN				
			101-371-714.000	69.22	PALMARCHUK, C JUN				
			101-305-714.000	37.41	PAWLOWSKI, D JUN				
			101-336-714.000	117.82	PHILLIPS, D JUN				
			101-336-714.000	37.41	PICKERT, D JUN				
			101-171-714.000	117.82	PRICE, S JUN				
			101-171-714.000	235.64	PRICE, S APR & MAY JUN				
			101-371-714.000	117.82	PUMPHREY, K JUN				
			101-209-714.000	69.22	PYYKKONEN, C RETIRED JUN				
			101-336-714.000	117.82	RAINEY, P RETIRED JUN				
			101-305-714.000	69.22	RAPSON, S RETIRED JUN				
			101-290-714.000	69.22	RICHARDSON, M RETIRED JUN				
			101-305-714.000	37.41	RIPP, J JUN				
			101-325-714.000	69.22	ROCKWELL III, H RETIRED JUN				
			101-325-714.000	37.41	RODRIGUEZ, T JUN				
			265-300-714.000	69.22	ROZUM, C JUN				
			101-305-714.000	117.82	RUPARD, B JUN				
			101-336-714.000	69.22	RUSSO, C RETIRED JUN				
			101-305-714.000	37.41	SCHEMANKSE, J JUN				
			101-305-714.000	117.82	SEIPENKO, T JUN				
			592-172-716.000	37.41	SMITH, CHERYL RETIRED JUN				
			101-336-714.000	117.82	SMITH, CHRIS JUN				
			101-305-714.000	69.22	SMITH, R RETIRED JUN				
			101-325-714.000	117.82	SMITH, S JUN				
			101-691-714.000	37.41	SMITH, T RETIRED JUN				
			101-305-714.000	69.22	SMITHERMAN, J JUN				
			592-172-716.000	69.22	SNELL, D JUN				
			101-336-714.000	117.82	TEFEND, R JUN				
			101-305-714.000	37.41	TIDERINGTON, S JUN				
			101-305-714.000	117.82	TIDERINGTON, T JUN				
			101-325-714.000	69.22	TURLEY, M JUN				
			101-336-714.000	69.22	VALENSKY, J RETIRED JUN				
			101-336-714.000	69.22	VANVLECK, C RETIRED JUN				
			226-226-714.000	117.82	VIGNOE, S JUN				
			101-336-714.000	69.22	VILLET, G JUN				

INVOICE EDIT LISTING

VENDOR ENTRY NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE / CHK. DATE
			101-100-231.000						
			101-100-231.000			180.49			
			101-100-231.000						
			101-100-231.000			134.07			
			101-100-231.000			95.12			
			101-100-231.000			166.56			
			101-100-231.000			106.80			
			101-100-231.000			90.60			
			101-100-231.000			90.60			
			101-100-231.000						
			101-100-231.000			65.24			
			101-100-231.000			88.42			
			101-100-231.000			214.20			
			101-100-231.000			103.55			
			101-100-231.000			75.20			
			101-100-231.000			88.42			
			101-100-231.000			100.00			
			101-100-231.000			90.60			
			101-100-231.000			90.60			
			101-100-231.000			216.26			
			101-100-231.000						
			101-100-231.000			118.53			
130139	5/28/2015	JOHN HANCOCK LIFE INSURANCE CO.		MAY 2015					
		ACCOUNT		AMOUNT					
		592-291-714.040		271.80					
		592-291-714.010		353.04					
		101-215-714.010		585.06					
		101-171-714.010		516.96					
		592-291-714.040		285.36					
		101-336-714.020		265.27					
		101-253-714.010		585.06					
		592-291-714.010		579.51					
		101-305-714.010		265.28					
		101-265-714.010		220.28					
		101-336-714.020		234.06					
		101-253-714.010		320.41					
		101-325-714.050		265.28					
		101-201-714.010		541.48					
		101-336-714.010		230.74					
		592-291-714.010		402.21					
		592-291-714.040		285.36					
		592-172-714.010		230.74					
		101-215-714.010		291.83					
		101-371-714.010		499.68					
		101-215-714.010		320.41					
		592-291-714.040		271.80					
		592-291-714.040		271.80					
		101-371-714.010		252.11					
		101-305-714.010		230.74					
		101-336-714.020		265.27					
		101-171-714.010		642.60					
		101-371-714.010		291.83					
						12,855.80	N	12,855.80	5/27/2015

INVOICE EDIT LISTING

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-400-714.010			310.64			
			592-291-714.040			225.60			
			101-336-714.020			265.27			
			592-172-714.010			230.74			
			592-291-714.040			271.80			
			592-291-714.040			271.80			
			101-305-714.010			648.78			
			226-226-714.010			291.83			
			592-172-714.010			207.79			
			101-171-714.010			355.58			
140150	5/28/2015	NATIONWIDE RET SOL USCM/MIDWEST	0037121001	5/10/2015	001	11,543.91	N	11,543.91	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-100-239.000	307.69						
		101-100-239.000	415.65						
		101-100-239.000	350.00						
		101-100-239.000	40.00						
		101-100-239.000	100.00						
		101-100-239.000	50.00						
		101-100-239.000	100.00						
		101-100-239.000	200.00						
		101-100-239.000	20.00						
		101-100-239.000	100.00						
		101-100-239.000	100.00						
		101-100-239.000	300.00						
		101-100-239.000	200.00						
		101-100-239.000	20.00						
		101-100-239.000	125.00						
		101-100-239.000	10.00						
		101-100-239.000	650.00						
		101-100-239.000	150.00						
		101-100-239.000	50.00						
		101-100-239.000	415.65						
		101-100-239.000	300.00						
		101-100-239.000	36.00						
		101-100-239.000	150.00						
		101-100-239.000	50.00						
		101-100-239.000	100.00						
		101-100-239.000	450.00						
		101-100-239.000	693.00						
		101-100-239.000	782.00						
		101-100-239.000	200.00						
		101-100-239.000	200.00						
		101-100-239.000	50.00						
		101-100-239.000	200.00						
		101-100-239.000	30.00						
		101-100-239.000	250.00						
		101-100-239.000	150.00						
		101-100-239.000	150.00						
		101-100-239.000	175.00						
		101-100-239.000	225.00						

INVOICE EDIT LISTING

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE / CHK. DATE
			101-100-239.000			20.00			
			101-100-239.000			150.00			
			101-100-239.000			200.00			
			101-100-239.000			150.00			
			101-100-239.000			120.00			
			101-100-239.000			67.00			
			101-100-239.000			50.00			
			101-100-239.000			130.00			
			101-100-239.000			35.00			
			101-100-239.000			100.00			
			101-100-239.000			150.00			
			101-100-239.000			300.00			
			101-100-239.000			100.00			
			101-100-239.000			50.00			
			101-100-239.000			250.00			
			101-100-239.000			200.00			
			101-100-239.000			100.00			
			101-100-239.000			100.00			
			101-100-239.000			150.00			
			101-100-239.000			50.00			
			101-100-239.000			576.92			
			101-100-239.000			100.00			
			101-100-239.000			100.00			
			101-100-239.000			500.00			
161228	5/28/2015	CITY OF PLYMOUTH	000002587	5/12/2015	001	3,537.58	N	3,537.58	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-955-885.000	3,537.58	APR 2015 SR VAN APR					
191687	5/28/2015	SPENCER OIL COMPANY	29320088	5/07/2015	001	164.62	N	164.62	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		510-510-737.000	164.62	DIESEL- 75.3 GALS					
191687	5/28/2015	SPENCER OIL COMPANY	474998	5/07/2015	001	1,023.15	N	1,023.15	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		510-510-737.000	1,023.15	GAS - 484.8 GALS					
230120	5/28/2015	WAYNE COUNTY	1007600	5/05/2015	001	118.37	N	118.37	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-446-920.000	118.37	TRAFFIC SIG ENG 3/15					
230120	5/28/2015	WAYNE COUNTY	1007642	5/11/2015	001	118.37	N	118.37	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-446-920.000	118.37	TRAFFIC SIG ENG 4/15					
40585	5/28/2015	DETROIT BOARD OF WATER COMMISSIONER	002-1091.300	5/22/2015	001	255,856.18	N	255,856.18	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-441-741.000	255,856.18	APRIL 2015 WATER					

INVOICE EDIT LISTING

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE / CHK. DATE
12050	5/28/2015	ADP INC	454522130	5/15/2015	001	3,344.31	N	3,344.31	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-290-941.000	3,344.31	PAYROLL PROCESS					
20025	5/28/2015	B & F AUTO SUPPLY INC	463549	5/13/2015	001	8.90	N	8.90	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-691-931.000	4.36	START FL					
		101-691-931.000	4.54	GUMOUT					
20087	5/28/2015	B S & A SOFTWARE	101780	5/04/2015	001	21,250.00	N	21,250.00	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-371-978.000	10,625.00	BSA UPGRADE					
		101-209-978.000	10,625.00	BSA UPGRADE					
20087	5/28/2015	B S & A SOFTWARE	101781	5/04/2015	001	13,745.00	N	13,745.00	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-290-941.000	8,750.00	BSA TAX					
		101-290-941.000	4,995.00	BSA SAD					
21356	5/28/2015	BLUE CARE NETWORK OF MICHIGAN	151280008112	5/08/2015	001	21,972.60	N	21,972.60	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-716.000	324.34	ANDERSON, C MARCH ADJ JUN					
		592-172-716.000	834.51	ANDERSON, D RETIRED SPOU JUN					
		592-172-716.000	1,669.02	ANDERSON, D RET SP APR&MA JUN					
		101-290-714.000	834.51	BARNEY, S RETIRED JUN					
		101-290-714.000	25.83	BARNEY, S RET SEPT-MAY JUN					
		101-215-714.000	591.50	BERRY, R (COBRA) JUN					
		592-172-716.000	834.51	FIDH, R RETIRED JUN					
		101-305-714.000	1,526.06	GORDON, C JUN					
		101-336-714.000	1,259.97	GROTH, L RETIRED JUN					
		101-265-714.000	1,413.69	HAACK, D JUN					
		101-325-714.000	591.50	HUNT, N JUN					
		101-336-714.000	1,413.69	JOWSEY, N JUN					
		592-172-716.000	1,413.69	LATAWIEC, K JUN					
		101-215-714.000	591.50	LECLAIR, D JUN					
		101-290-714.000	37.48	MI CLAIM TAX ADJ JUN					
		101-290-714.000	396.56	MI CLAIM TAX ASSESSMENT JUN					
		101-371-714.000	1,413.69	PALMARCHUK, C JUN					
		101-305-714.000	591.50	PAWLOWSKI, D JUN					
		101-209-714.000	1,994.47	PYYKKONEN, C RETIRED JUN					
		101-290-714.000	1,259.97	RICHARDSON, M RETIRED JUN					
		592-172-716.000	14.21	SMITH, C CRED SEPT-MAY JUN					
		592-172-716.000	1,413.69	SNELL, D JUN					
		592-172-716.000	1,526.06	VISEL, S JUN					
		592-172-716.000	2.87	VISEL, S DEC ADJ JUN					
		592-172-716.000	26.20	VISEL, S JAN-MAY JUN					
21356	5/28/2015	BLUE CARE NETWORK OF MICHIGAN	151280019701	5/08/2015	001	81,996.26	N	81,996.26	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					

INVOICE EDIT LISTING

VENDOR ENTRY NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE / CHK. DATE
			101-305-714.000	1,260.38	ANTAL, R JUN				
			101-305-714.000	1,167.56	BARTRAM, B JUN				
			101-305-714.000	34.02	BARTRAM, B NOV-MAY JUN				
			101-305-714.000	2.03	BARTRAM, B OCT ADJ JUN				
			101-325-714.000	488.52	BEREZAK, J JUN				
			101-325-714.000	488.52	BRANDT, S JUN				
			592-172-716.000	1,167.56	BRUCE, M JUN				
			592-172-716.000	1.90	BRUCE, M JAN-MAY ADJ JUN				
			101-305-714.000	1,260.38	CHESTON, S JUN				
			101-305-714.000	1,260.38	CIOMA, B JUN				
			101-336-714.000	1,260.38	CONELY, P JUN				
			101-336-714.000	1,260.38	CONROY, W JUN				
			101-215-714.000	1,260.38	CONZELMAN, N JUN				
			101-325-714.000	1,167.56	CROWE, R JUN				
			101-336-714.000	1,260.38	CULVER, E JUN				
			101-305-714.000	1,260.38	DRAKE, J JUN				
			101-336-714.000	1,647.23	ELDRIDGE, D RETIRED JUN				
			101-336-714.000	61.65	ELDRIDGE, D SEPT-MAY ADJ JUN				
			101-325-714.000	1,260.38	FELL, C JUN				
			592-172-716.000	1,260.38	FELLRATH, P JUN				
			101-305-714.000	1,260.38	FETNER, W JUN				
			101-305-714.000	488.52	FETTER, J JUN				
			101-336-714.000	1,260.38	FOX, D JUN				
			101-305-714.000	1,167.56	FRITZ, M JUN				
			101-305-714.000	37.00	GAUTHIER, E JAN-MAY JUN				
			101-336-714.000	1,647.23	HAAR, J RETIRED JUN				
			101-336-714.000	1,778.18	HAHN, D RETIRED JUN				
			101-336-714.000	1,260.38	HALLER, C JUN				
			101-336-714.000	20.96	HALLER, C FEB-MAY ADJ JUN				
			101-336-714.000	1,260.38	HARNED, T JUN				
			101-336-714.000	488.52	HARRELL, J JUN				
			101-305-714.000	488.52	HASKIN, D JUN				
			101-305-714.000	18.27	HASKIN, D SEPT-MAY ADJ JUN				
			101-305-714.000	1,167.56	HAYES, J JUN				
			101-305-714.000	488.52	HINKLE, M JUN				
			101-305-714.000	1,260.38	HOFFMAN, M JUN				
			101-325-714.000	1,167.56	INNES, D JUN				
			101-201-714.000	1,260.38	JANKS, R JUN				
			101-336-714.000	689.22	JURY, J RETIRED JUN				
			101-305-714.000	1,167.56	KING, C JUN				
			101-336-714.000	1,647.23	KING, M RETIRED JUN				
			101-305-714.000	1,260.38	KREBS, R JUN				
			101-305-714.000	1,167.56	LAURIA, K JUN				
			101-305-714.000	1,778.18	LEGO, M RETIRED JUN				
			101-371-714.000	1,260.38	LEWIS, M JUN				
			101-305-714.000	1,260.38	LINTON, M JUN				
			101-336-714.000	1,167.56	MACK, C JUN				
			101-336-714.000	34.02	MACK, C NOV-MAY ADJ JUN				
			101-336-714.000	488.52	MANGAN, G JUN				
			101-336-714.000	1,647.23	MAYCOCK, C MAY ADJ JUN				
			101-336-714.000	1,647.23	MAYCOCK, C RET SPOUSE JUN				
			101-336-714.000	689.22	MCDURMON, D RETIRED JUN				
			101-305-714.000	1,167.56	MCPARLAND, J JUN				
			101-336-714.000	25.19	MI CLAIM TAX ASSES ADJ JUN				

VENDOR ENTRY NO.	DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-305-714.000	1,818.12	MI CLAIM TAX ASSESSMENT	JUN			
			101-336-714.000	1,260.38	PHILLIPS, D	JUN			
			101-336-714.000	488.52	PICKERT, D	JUN			
			101-336-714.000	1,778.18	RAINEY, P RETIRED	JUN			
			101-305-714.000	1,647.23	RAPSON, S RETIRED	JUN			
			101-171-714.000	488.52	REAUME, R MAY CREDIT	JUN			
			101-305-714.000	488.52	RIPP, J	JUN			
			101-325-714.000	488.52	RODRIGUEZ, T	JUN			
			101-325-714.000	12.18	RODRIGUEZ, T DEC-MAY	JUN			
			265-300-714.000	1,167.56	ROZUM, C	JUN			
			101-336-714.000	1,647.23	RUSSO, C RETIRED	JUN			
			101-305-714.000	488.52	SCHEMANSKE, J	JUN			
			101-305-714.000	1,260.38	SEIPENKO, T	JUN			
			101-336-714.000	1,260.38	SMITH, CHRIS	JUN			
			101-325-714.000	1,260.38	SMITH, S	JUN			
			101-305-714.000	1,167.56	SMITHERMAN, J	JUN			
			101-336-714.000	1,260.38	TEFEND, R	JUN			
			101-305-714.000	488.52	TIDERINGTON, S	JUN			
			101-325-714.000	1,167.56	TURLEY, M	JUN			
			101-336-714.000	1,647.23	VALENSKY, J RETIRED	JUN			
			101-336-714.000	1,260.38	VILLET, G	JUN			
			101-336-714.000	31.44	VILLET, G DEC-MAY ADJ	JUN			
			101-171-714.000	1,167.56	WALLACE, A	JUN			
			101-305-714.000	28.35	WARREN, W MAR-MAY	JUN			
			101-336-714.000	1,477.17	WARREN, W RETIRED	JUN			
			101-305-714.000	41.10	WARREN, W SEPT-FEB	JUN			
			101-305-714.000	488.52	WARRING, A	JUN			
			101-305-714.000	4.06	WARRING, A APR-MAY ADJ	JUN			
			101-336-714.000	19.90	WENDEL, M JAN-MAY	JUN			
			101-336-714.000	689.22	WENDEL, M RETIRED	JUN			
			101-336-714.000	1,778.18	WESTFALL, G RETIRED	JUN			
			101-305-714.000	1,647.23	WILSON, D RETIRED	JUN			
			101-305-714.000	34.25	WILSON, D JAN-MAY	JUN			
			101-305-714.000	689.22	WOOD, K RETIRED	JUN			

21356	5/28/2015	BLUE CARE NETWORK OF MICHIGAN ACCOUNT	151280105794	5/08/2015	001	11,346.46	N	11,346.46	5/27/2015
			592-172-716.000	1,463.96	ANDERSON, C	JUN			
			592-172-716.000	2,311.96	ANDERSON, C APR&MAY ADJ	JUN			
			592-172-716.000	615.96	ANULEWICZ, J	JUN			
			101-305-714.000	615.96	BERRY, C	JUN			
			101-290-714.000	615.96	BROOKS, M	JUN			
			101-290-714.000	307.98	HOOD, N	JUN			
			101-305-714.000	355.27	JARVIS, J	JUN			
			101-371-714.000	307.98	KLOC, T	JUN			
			101-290-714.000	307.98	MASSENGILL, M	JUN			
			101-336-714.000	355.27	MAYCOCK, R	JUN			
			101-371-714.000	615.96	MCILHARGEY, C	JUN			
			101-290-714.000	42.96	MI CLAIM TAX ASSE ADJ	JUN			
			101-290-714.000	41.44	MI CLAIM TAX ASSE ADJ MAY	JUN			
			101-290-714.000	213.44	MI CLAIM TAX ASSESSMENT	JUN			
			101-336-714.000	355.27	MILLER, C	JUN			
			101-290-714.000	615.96	NALEPKA, M	JUN			

INVOICE EDIT LISTING

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-325-714.000	615.96	ROCKWELL, R JUN				
			592-172-716.000	615.96	RORABACHER, R JUN				
			101-336-714.000	355.27	VANVLECK, C JUN				
			101-290-714.000	615.96	WHITMORE, I JUN				
21955	5/28/2015	BRONNER'S COMMERCIAL DISPLAY ACCOUNT	050250	3/25/2015	001	5,429.00	N	5,429.00	5/27/2015
		101-336-978.000	5,429.00	DESCRIPTION					
				HAPPY HOLIDAY SIGN					
21955	5/28/2015	BRONNER'S COMMERCIAL DISPLAY ACCOUNT	050249	3/25/2015	001	2,091.83	N	2,091.83	5/27/2015
		101-336-978.000	2,091.83	DESCRIPTION					
				DEER					
21955	5/28/2015	BRONNER'S COMMERCIAL DISPLAY ACCOUNT	094433	2/10/2015	001	648.00-	N	648.00-	5/27/2015
		101-336-978.000	648.00-	DESCRIPTION					
				CREDIT					
30136	5/28/2015	CAPITAL ONE PUBLIC FUNDING LLC ACCOUNT	0001998939	5/01/2015	001	30,222.90	N	30,222.90	5/27/2015
		246-246-995.000	30,222.90	DESCRIPTION					
				IPA FINAL					
41443	5/28/2015	DON'S SMALL ENGINE ACCOUNT	25923	5/12/2015	001	55.00	N	55.00	5/27/2015
		101-691-931.000	55.00	DESCRIPTION					
				20LPX072G					
41443	5/28/2015	DON'S SMALL ENGINE ACCOUNT	25947	5/13/2015	001	47.22	N	47.22	5/27/2015
		101-691-931.000	17.22	DESCRIPTION					
		101-691-931.000	30.00	TUBE					
				LABOR					
41443	5/28/2015	DON'S SMALL ENGINE ACCOUNT	26137	5/20/2015	001	39.98	N	39.98	5/27/2015
		101-691-931.000	32.00	DESCRIPTION					
		101-691-931.000	3.99	CHAIN SAW SHARPENING					
		101-691-931.000	3.99	FILE					
				HANDLE					
71910	5/28/2015	GRAYBAR ELECTRIC ACCOUNT	977950097	3/24/2015	001	789.26	N	789.26	5/27/2015
		246-246-970.150	789.26	DESCRIPTION					
				WIRE LIGHTS					
80179	5/28/2015	HARTFORD, THE ACCOUNT	7167954-2	6/01/2015	001	5,093.53	N	5,093.53	5/27/2015
		101-305-714.000	78.50	DESCRIPTION					
		101-336-714.000	66.43	ANTAL, R JUN					
		592-172-716.000	45.26	ATKINS, D JUN					
				BARTLETT, J JUN					

INVOICE EDIT LISTING

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE / CHK. DATE
			101-325-714.000	51.18	BEREZAK, J JUN				
			101-325-714.000	41.41	BRANDT, S JUN				
			101-305-714.000	78.50	BROTHERS, J JUN				
			592-172-716.000	56.17	BRUCE, M JUN				
			101-336-714.000	61.15	BUKIS, P JUN				
			101-325-714.000	51.18	BULMER, C JUN				
			101-305-714.000	62.05	CHESTON, S JUN				
			101-305-714.000	56.20	CIOMA, B JUN				
			101-325-714.000	51.18	CLARK, K JUN				
			101-305-714.000	62.05	COFFELL, S JUN				
			101-336-714.000	61.15	CONELY, P JUN				
			101-336-714.000	67.76	CONROY, W JUN				
			101-215-714.000	78.50	CONZELMAN, N JUN				
			101-171-714.000	78.19	COOBATIS, J JUN				
			592-172-716.000	47.08	COURTER, R JUN				
			101-325-714.000	51.18	CROWE, R JUN				
			101-336-714.000	35.63	CULVER, E JUN				
			101-305-714.000	62.05	DRAKE, J JUN				
			101-253-714.000	78.50	EDWARDS, R JUN				
			101-336-714.000	2.63	ERVIN, J JUN				
			101-325-714.000	51.18	FELL, C JUN				
			592-172-716.000	78.50	FELLRATH, P JUN				
			101-305-714.000	70.58	FETNER, W JUN				
			101-305-714.000	3.20	FETNER, W APR ADJ JUN				
			101-305-714.000	49.03	FETTER, J JUN				
			101-305-714.000	7.97	FETTER, J APR ADJ JUN				
			101-336-714.000	64.89	FOX, D JUN				
			101-305-714.000	62.05	FRITZ, M JUN				
			101-305-714.000	43.69	GORDON, C JUN				
			101-336-714.000	66.43	GROSS, S JUN				
			101-265-714.000	37.77	HAACK, D JUN				
			101-336-714.000	40.19	HALLER, C JUN				
			101-253-714.000	51.04	HAMMYE, A JUN				
			101-336-714.000	61.15	HARNED, T JUN				
			101-336-714.000	61.15	HARRELL, J JUN				
			101-305-714.000	41.06	HASKIN, D JUN				
			101-305-714.000	62.05	HAYES, J JUN				
			101-305-714.000	41.06	HINKLE, M JUN				
			101-305-714.000	62.05	HOFFMAN, M JUN				
			101-325-714.000	43.69	HUNT, N JUN				
			101-325-714.000	51.18	INNES, D JUN				
			101-201-714.000	78.50	JANKS, R JUN				
			101-336-714.000	36.08	JOWSEY, N JUN				
			592-172-716.000	62.78	KARLL, M JUN				
			101-305-714.000	49.03	KING, C JUN				
			101-305-714.000	67.38	KREBS, R JUN				
			592-172-716.000	47.08	KRUEGER, R JUN				
			101-305-714.000	70.58	KUDRA, D JUN				
			592-172-716.000	39.14	LATAWIEC, K JUN				
			101-305-714.000	78.50	LAURIA, K JUN				
			101-215-714.000	47.18	LECLAIR, D JUN				
			101-371-714.000	75.87	LEWIS, M JUN				
			101-305-714.000	62.05	LINTON, M JUN				
			101-215-714.000	51.79	LOZIER, M JUN				

VENDOR ENTRY NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-336-714.000	64.89	MACK, C JUN				
			101-336-714.000	61.15	MALLARI, J JUN				
			101-336-714.000	61.15	MANGAN, G JUN				
			101-336-714.000	66.43	MANN, C JUN				
			101-336-714.000	2.40	MCCREEDY, CASEY JUN				
			101-336-714.000	2.40	MCCREEDY, SHAWN JUN				
			101-305-714.000	56.20	MCPARLAND, J JUN				
			592-172-716.000	45.26	MELOW, S JUN				
			592-172-716.000	45.26	OVERAITIS, J JUN				
			101-371-714.000	42.62	PALMARCHUK, C JUN				
			101-305-714.000	36.08	PAWLOWSKI, D JUN				
			101-336-714.000	78.50	PHILLIPS, D JUN				
			101-336-714.000	35.63	PICKERT, D JUN				
			101-171-714.000		PRICE, S JUN				
			101-371-714.000	47.18	PUMPHREY, K JUN				
			101-400-714.000	50.48	RADTKE, J JUN				
			101-336-714.000	61.15	RANDALL, J JUN				
			101-336-714.000	2.63	RICHARDS, J JUN				
			101-305-714.000	62.05	RIPP, J JUN				
			101-325-714.000	44.79	RODRIGUEZ, T JUN				
			265-300-714.000	62.05	ROZUM, C JUN				
			101-305-714.000	62.05	RUPARD, B JUN				
			101-305-714.000	49.03	SCHEMANSKE, J JUN				
			592-172-716.000	39.06	SCHOLTEN, J JUN				
			101-305-714.000	70.58	SEIPENKO, T JUN				
			101-336-714.000	35.63	SMITH, CHRIS JUN				
			101-325-714.000	51.18	SMITH, S JUN				
			101-305-714.000	49.03	SMITHERMAN, J JUN				
			592-172-716.000	39.14	SNELL, D JUN				
			592-172-716.000	45.26	STANISLAWSKI, T JUN				
			101-336-714.000	64.89	TEFEND, R JUN				
			592-172-716.000	45.26	THOMAS, J JUN				
			101-305-714.000	49.03	TIDERINGTON, S JUN				
			101-305-714.000	78.50	TIDERINGTON, T JUN				
			101-325-714.000	51.18	TURLEY, M JUN				
			101-336-714.000	2.40	VADEN, J JUN				
			226-226-714.000	47.18	VIGNOE, S JUN				
			101-336-714.000	61.15	VILLET, G JUN				
			592-172-716.000	36.12	VISEL, S JUN				
			101-171-714.000	56.52	WALLACE, A JUN				
			101-305-714.000	41.06	WARRING, A JUN				
			101-325-714.000	51.18	YUDT, R JUN				
80515	5/28/2015	HEMMING, POLACZYK, CRONIN, SMITH, ACCOUNT	APR 2015 AMOUNT	5/19/2015 001 DESCRIPTION		14,905.40	N	14,905.40	5/27/2015
		101-305-826.000	8,483.78	LEGAL SERVICES APR					
		101-290-826.000		LEGAL SERVICES APR					
		101-801-826.000	2,441.25	LEGAL SERVICES APR					
		101-336-826.000		LEGAL SERVICES APR					
		101-290-826.000	2,441.25	LEGAL SERVICES APR					
		592-172-830.000	1,036.88	LEGAL SERVICES APR					
		101-290-826.000	3.48	LEGAL SERVICES APR					
		226-226-826.000		LEGAL SERVICES APR					

INVOICE EDIT LISTING

VENDOR ENTRY NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
		805-805-970.005		LEGAL SERVICES	APR				
		101-290-828.000	170.63	LEGAL SERVICES	APR				
		101-100-067.010		LEGAL SERVICES	APR				
		101-325-828.000		LEGAL SERVICES	APR				
		101-801-826.000		LEGAL SERVICES	APR				
		101-290-826.000	328.13	LEGAL SERVICES	JAN APR				
81988	5/28/2015	HUNTINGTON NATIONAL BANK, THE ACCOUNT	3584068802	5/15/2015	001	125.00	A	125.00	5/27/2015
		246-246-995.000	125.00	BOND FEE 2012	LTGO				
81988	5/28/2015	HUNTINGTON NATIONAL BANK, THE ACCOUNT	3584041109	5/15/2015	001	125.00	B	125.00	5/27/2015
		246-246-995.000	17.50	BOND FEE					
		592-172-998.000	107.50	BOND FEE					
91675	5/28/2015	INFINITELY GREEN LANDSCAPING ACCOUNT	43867	4/30/2015	001	1,995.00	N	1,995.00	5/27/2015
		592-172-776.000	65.00	FERT AND WEED CONTROL					
		101-265-858.000	50.00	FERT AND WEED CONTROL					
		101-336-776.000	318.50	FERT AND WEED CONTROL					
		101-691-931.000	1,355.00	FERT AND WEED CONTROL					
		101-265-776.000	206.50	FERT AND WEED CONTROL					
91675	5/28/2015	INFINITELY GREEN LANDSCAPING ACCOUNT	43911	4/30/2015	001	2,965.00	N	2,965.00	5/27/2015
		101-265-776.000	2,965.00	TWP HALL CLEANUP, TREE					
101350	5/28/2015	JOHNSON ROSATI SCHULTZ JOPPICH PC ACCOUNT	1065996	5/13/2015	001	217.50	N	217.50	5/27/2015
		101-801-826.000	217.50	LEGAL FEES APR 2015					
111250	5/28/2015	KNIGHT TECHNOLOGY GROUP, INC. ACCOUNT	6181	4/22/2015	001	500.00	N	500.00	5/27/2015
		101-290-941.000	500.00	MALWARE BYTES					
111250	5/28/2015	KNIGHT TECHNOLOGY GROUP, INC. ACCOUNT	6239	5/01/2015	001	100.00	N	100.00	5/27/2015
		101-290-941.000	100.00	MONTHLY FIREWALL-MAY 2015					
111250	5/28/2015	KNIGHT TECHNOLOGY GROUP, INC. ACCOUNT	6257	5/06/2015	001	300.00	N	300.00	5/27/2015
		101-290-941.000	300.00	NEW HP REPLACEMENT SERVER					
111250	5/28/2015	KNIGHT TECHNOLOGY GROUP, INC. ACCOUNT	6294	5/19/2015	001	250.00	N	250.00	5/27/2015
				DESCRIPTION					

INVOICE EDIT LISTING

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-290-941.000	250.00	BSA BACKUP				
120950	5/28/2015	LITTLE, KEN	20150430	5/18/2015	001	540.00	N	540.00	5/27/2015
		ACCOUNT	101-336-835.000	540.00	DESCRIPTION				
					TRAINING SESSIONS				
130065	5/28/2015	M H R BILLING SERVICES	2364	4/30/2015	001	270.00	N	270.00	5/27/2015
		ACCOUNT	101-336-727.000	270.00	DESCRIPTION				
					BILLING FEES APRIL15				
130136	5/28/2015	MANGAN, GREG	WINTER 2015	5/20/2015	001	1,200.00	N	1,200.00	5/27/2015
		ACCOUNT	101-336-714.000	1,200.00	DESCRIPTION				
					TUITION REIMBURS WIN2015				
130170	5/28/2015	MARK'S OUTDOOR POWER EQUIPMENT	91157	5/15/2015	001	41.36	N	41.36	5/27/2015
		ACCOUNT	101-691-931.000	41.36	DESCRIPTION				
			101-691-931.000		BATTERY				
					LABOR				
130170	5/28/2015	MARK'S OUTDOOR POWER EQUIPMENT	91374	5/18/2015	001	94.00	N	94.00	5/27/2015
		ACCOUNT	101-691-931.000	94.00	DESCRIPTION				
			101-691-931.000		BELT-V				
					LABOR				
140102	5/28/2015	NATIONAL BLOCK & READY-MIX, INC.	001-250669	5/06/2015	001	50.16	N	50.16	5/27/2015
		ACCOUNT	246-246-970.150	50.16	DESCRIPTION				
					BLOCK CUTTING				
140102	5/28/2015	NATIONAL BLOCK & READY-MIX, INC.	001-249461	2/24/2015	001	166.20	N	166.20	5/27/2015
		ACCOUNT	246-246-970.150	166.20	DESCRIPTION				
					BLOCK				
140102	5/28/2015	NATIONAL BLOCK & READY-MIX, INC.	001-250479	4/27/2015	001	1,248.00	N	1,248.00	5/27/2015
		ACCOUNT	246-246-970.150	1,248.00	DESCRIPTION				
					BLOCK				
140102	5/28/2015	NATIONAL BLOCK & READY-MIX, INC.	002-059759	4/28/2015	001	1,566.00	N	1,566.00	5/27/2015
		ACCOUNT	246-246-970.150	1,566.00	DESCRIPTION				
					SIDEWALKS				
140102	5/28/2015	NATIONAL BLOCK & READY-MIX, INC.	001-249875	3/27/2015	001	611.00	N	611.00	5/27/2015
		ACCOUNT	246-246-970.150	611.00	DESCRIPTION				
					BLOCK				

INVOICE EDIT LISTING

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
140150	5/28/2015	NATIONWIDE RET SOL USCM/MIDWEST ACCOUNT	0037121001	5/24/2015	001	12,295.38	Y	12,295.38	5/27/2015
				DESCRIPTION					
				AMOUNT					
				101-100-239.000		307.69			
				101-100-239.000		544.45			
				101-100-239.000		350.00			
				101-100-239.000		40.00			
				101-100-239.000		100.00			
				101-100-239.000		50.00			
				101-100-239.000		100.00			
				101-100-239.000		200.00			
				101-100-239.000		20.00			
				101-100-239.000		100.00			
				101-100-239.000		30.60			
				101-100-239.000		300.00			
				101-100-239.000		200.00			
				101-100-239.000		20.00			
				101-100-239.000		125.00			
				101-100-239.000		10.00			
				101-100-239.000		650.00			
				101-100-239.000		150.00			
				101-100-239.000		50.00			
				101-100-239.000		415.64			
				101-100-239.000		330.00			
				101-100-239.000		36.00			
				101-100-239.000		150.00			
				101-100-239.000		50.00			
				101-100-239.000		100.00			
				101-100-239.000		450.00			
				101-100-239.000					
				101-100-239.000		693.00			
				101-100-239.000		782.00			
				101-100-239.000					
				101-100-239.000		200.00			
				101-100-239.000		200.00			
				101-100-239.000		50.00			
				101-100-239.000		200.00			
				101-100-239.000		30.00			
				101-100-239.000		250.00			
				101-100-239.000		150.00			
				101-100-239.000		150.00			
				101-100-239.000		175.00			
				101-100-239.000		225.00			
				101-100-239.000		20.00			
				101-100-239.000		150.00			
				101-100-239.000		200.00			
				101-100-239.000		150.00			
				101-100-239.000		120.00			
				101-100-239.000		67.00			
				101-100-239.000		50.00			
				101-100-239.000		130.00			
				101-100-239.000		35.00			
				101-100-239.000		100.00			
				101-100-239.000		150.00			

INVOICE EDIT LISTING

VENDOR ENTRY NO.	DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE / CHK. DATE
			101-100-239.000			300.00			
			101-100-239.000			100.00			
			101-100-239.000			50.00			
			101-100-239.000			250.00			
			101-100-239.000			200.00			
			101-100-239.000			100.00			
			101-100-239.000			100.00			
			101-100-239.000			150.00			
			101-100-239.000			50.00			
			101-100-239.000			1,139.00			
			101-100-239.000			100.00			
			101-100-239.000			100.00			
			101-100-239.000			500.00			
161204	5/28/2015	PLANTE & MORAN, PLLC	1236286	4/17/2015	001	13,380.00	N	13,380.00	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		265-300-808.000	8,560.00	FSA					
		101-336-826.000	2,430.00	FIRE					
		101-336-826.000	980.00	FIRE OPEB					
		265-300-808.000	1,410.00	FED FORF					
161260	5/28/2015	PLYMOUTH POSTMASTER	8040	5/12/2015	001	599.00	N	599.00	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-253-831.000	599.00	PO BOX					
180550	5/28/2015	R.D.REOME COMPANY	10469	5/05/2015	001	495.00	N	495.00	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-253-727.000	495.00	MAINTENANCE 15-16					
191607	5/28/2015	SPALDING DEDECKER ASSOCIATES, INC. MARCH 2015		4/14/2015	001	43,455.00	N	43,455.00	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-400-818.000	500.00	MARCH RETAINER					
		101-336-978.000	840.00	FIRE DRIVEWAY					
		101-400-818.000	1,135.00	JOGUE					
		701-100-014.000	832.50	EDINBURGH					
		701-100-014.000	337.50	PICNIC BASKET					
		701-100-014.000	1,513.75	SCAPP 14112					
		701-100-014.000	135.00	EZ					
		701-100-014.000	337.50	MAGNA					
		246-246-970.150	617.50	SIDEWALK					
		246-246-970.150	292.50	PATHWAY					
		246-246-970.150	12,365.00	PARKING LOT					
		246-246-970.150	23,286.25	PARKING LOT					
		246-246-970.150	135.00	SOCCER					
		246-246-970.150	992.50	SOCCER FIELDS					
		510-510-737.000	135.00	GOLF LOT					
191607	5/28/2015	SPALDING DEDECKER ASSOCIATES, INC. APRIL 2015		5/14/2015	001	14,827.50	N	14,827.50	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			101-400-818.000	530.00	EMRICK 15107				
			101-400-818.000	500.00	APRIL RETAINER				
			592-172-818.000	135.00	COMCAST				
			592-172-818.000	135.00	COMCAST				
			592-172-818.000	202.50	ATT				
			592-172-818.000	202.50	COMCAST				
			246-246-970.150	385.00	SIDEWALK				
			246-246-970.150	1,212.50	PATH				
			246-246-970.150	3,052.50	PARKING LOT				
			246-246-970.150	4,927.50	PARKING LOT				
			510-510-737.000	250.00	GOLF LOT				
			246-246-970.150	452.50	SOCCER FIELDS				
			701-100-014.000	2,302.50	MAGNA 14115				
			701-100-014.000	472.50	CLIMATE				
			701-100-014.000	67.50	ANDOVER FOREST 13103				
191650	5/28/2015	SPARTAN DISTRIBUTORS	11686474	4/01/2015 001		266.82	N	266.82	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		510-510-737.000	266.82	TIE ROD OIL FILTERS					
191650	5/28/2015	SPARTAN DISTRIBUTORS	11690486	5/14/2015 001		161.61	N	161.61	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		510-510-776.000	26.22	FILTER PRE CLEANER					
		510-510-776.000	71.16	FILTER-A/C CARTRIDGE					
		510-510-776.000	13.96	FILTER-OIL					
		510-510-776.000	17.06	FREIGHT					
		510-510-776.000	5.29	OIL FILTER					
		510-510-776.000	27.92	OIL FILTER,PROFORCE					
192089	5/28/2015	SUNBELT RENTALS, INC.	52260583-001	5/08/2015 001		505.73	N	505.73	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		246-246-970.150	505.73	CHIPPER 5/8/2015					
192108	5/28/2015	SUNTEL SERVICES	85453	5/15/2015 001		3,850.00	N	3,850.00	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-265-853.000	1,769.45	MAINT 6/23/15-6/23/16					
		226-226-853.000	117.97	MAINT 6/23/15-6/23/16					
		592-172-853.000	471.86	MAINT 6/23/15-6/23/16					
		101-305-853.000	721.88	MAINT 6/23/15-6/23/16					
		101-325-853.000	309.54	MAINT 6/23/15-6/23/16					
		101-336-853.000	459.30	MAINT 6/23/15-6/23/16					
230125	5/28/2015	WCA ASSESSING	MAY 2015	5/19/2015 001		18,045.74	N	18,045.74	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-209-818.000	18,045.74	ASSESSING MAY15					
230555	5/28/2015	WESTERN TWNSPS UTILITIES AUTHORITY 2009 SERIES		5/01/2015 001		125,949.08	A	125,949.08	5/27/2015
		ACCOUNT	AMOUNT	DESCRIPTION					

INVOICE EDIT LISTING

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			592-968-969.000	125,949.08					
									BOND PAYMENT 2009
230555	5/28/2015	WESTERN TWNPS UTILITIES AUTHORITY	2012 SERIES AMOUNT	5/01/2015	001	195,346.12	B	195,346.12	5/27/2015
		ACCOUNT	592-968-969.000	195,346.12					DESCRIPTION 2012 BOND PAYMENT
240100	5/28/2015	XTREME SHREDS	5118 AMOUNT	5/02/2015	001	800.00	N	800.00	5/27/2015
		ACCOUNT	226-226-810.000	800.00					DESCRIPTION SHRED EVENT
700355	5/28/2015	NOVI CRUSHED CONCRETE, LLC	5145 AMOUNT	4/17/2015	001	56.32	N	56.32	5/27/2015
		ACCOUNT	592-291-932.000	56.32					DESCRIPTION 6 A
700355	5/28/2015	NOVI CRUSHED CONCRETE, LLC	5226 AMOUNT	4/30/2015	001	225.27	N	225.27	5/27/2015
		ACCOUNT	592-291-932.000	225.27					DESCRIPTION 6A

*** GRAND TOTALS ***

78 INVOICES

963,749.96

963,749.96

INVOICE EDIT LISTING

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
200835	5/28/2015	2A DISTRICT COURT	MAY 2015	5/18/2015	007	68.00	N	68.00	5/28/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		702-100-087.000	68.00	PB 3855					
200842	5/28/2015	3RD CIRCUIT COURT	MAY 2015	5/18/2015	007	711.00	N	711.00	5/28/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		702-100-087.000	711.00	PB 3911					
200848	5/28/2015	24TH DISTRICT COURT	MAY 2015	5/26/2015	007	400.00	N	400.00	5/28/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		702-100-087.000	400.00	PB 3927					
200850	5/28/2015	35TH DISTRICT COURT	MAY 2015	5/18/2015	007	600.00	A	600.00	5/28/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		702-100-087.000	300.00	PB 3910					
		702-100-087.000	300.00	PB 3912					
200850	5/28/2015	35TH DISTRICT COURT	MAY 2015	5/18/2015	007	200.00	B	200.00	5/28/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		702-100-087.000	200.00	PB 3909					
200850	5/28/2015	35TH DISTRICT COURT	MAY 2015	5/18/2015	007	600.00	C	600.00	5/28/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		702-100-087.000	300.00	PB 3913					
		702-100-087.000	300.00	PB 3915					
200850	5/28/2015	35TH DISTRICT COURT	MAY 2015	5/19/2015	007	1,223.00	D	1,223.00	5/28/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		702-100-087.000	1,223.00	PB 3916					
200850	5/28/2015	35TH DISTRICT COURT	MAY 2015	5/22/2015	007	150.00	E	150.00	5/28/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		702-100-087.000	150.00	PB 3918					
200850	5/28/2015	35TH DISTRICT COURT	MAY 2015	5/22/2015	007	400.00	F	400.00	5/28/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		702-100-087.000	400.00	PB 3917					
200850	5/28/2015	35TH DISTRICT COURT	MAY 2015	5/26/2015	007	900.00	G	900.00	5/28/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		702-100-087.000	300.00	PB 3923					
		702-100-087.000	300.00	PB 3924					
		702-100-087.000	300.00	PB 3925					

INVOICE EDIT LISTING

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
200850	5/28/2015	35TH DISTRICT COURT	MAY 2015	5/26/2015	007	600.00	H	600.00	5/28/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		702-100-087.000	300.00	PB 3919					
		702-100-087.000	150.00	PB 3921					
		702-100-087.000	150.00	PB 3922					
201015	5/28/2015	52-4 DIVISION DISTRICT COURT	MAY 2015	5/26/2015	007	500.00	N	500.00	5/28/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		702-100-087.000	500.00	PB 3920					

*** GRAND TOTALS ***

12 INVOICES

6,352.00

6,352.00

VENDOR NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
11450	5/20/2015	A T & T	734207090605	5/10/2015	001	19.36	N	19.36	5/20/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-336-921.000	19.36	TO 60915 FS#3 METERLINE					
12050	5/20/2015	ADP INC	453915200	5/01/2015	001	775.01	N	775.01	5/20/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-290-941.000	775.01	PAYROLL PROCESS					
21360	5/20/2015	BLUE CROSS/BLUE SHIELD OF MICHIGAN	JUNE 2015	5/07/2015	001	4,254.48	N	4,254.48	5/20/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-336-714.000	443.37	BELSKY, B (SPOUSE) JUN					
		101-336-714.000	443.37	BELSKY, D (RETIREE) JUN					
		101-290-714.000	443.37	HAGOPIAN, G (RETIREE) JUN					
		101-336-714.000	443.37	HONKE, A (SPOUSE) JUN					
		101-336-714.000	443.37	KNUPP, F (RETIREE) JUN					
		101-336-714.000	443.37	KNUPP, L (SPOUSE) JUN					
		101-336-714.000	443.37	MAAS, C (RETIREE) JUN					
		101-336-714.000	264.15	MI CLAIM TAX ASSESSMENT JUN					
		101-336-714.000	443.37	MOTHERSBAUGH, F (RETIREE) JUN					
		101-336-714.000	443.37	MOTHERSBAUGH, S (RETIREE) JUN					
22257	5/20/2015	OCCUPATIONAL HEALTH CENTERS OF MI	710221936	5/05/2015	001	150.00	N	150.00	5/20/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		592-172-727.000		DOT RECERTIFICATION					
		101-691-727.000		PREPLACEMENT					
		101-209-727.000		PREPLACEMENT					
		101-305-818.000		PREPLACEMENT - POLICE					
		101-325-835.000		PREPLACEMENT PHYSICAL					
		592-172-727.000	150.00	REG UDS COLLECT / BAT					
		101-336-835.000		RETURN TO WORK PHYS-FIRE					
31428	5/20/2015	COMCAST	35140345	5/01/2015	001	194.85	N	194.85	5/20/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-336-921.000		FS #2 MAY15					
		101-336-921.000	64.95	FS #3 MAY15					
		101-691-931.000		PARK MAY15					
		101-691-931.000	64.95	SOCCER MAY15					
		101-325-853.000	64.95	VIDEO ARRAIGN MAY15					
31460	5/20/2015	CONSUMERS ENERGY	APR 2015	5/06/2015	001	1,339.36	N	1,339.36	5/20/2015
		ACCOUNT	AMOUNT	DESCRIPTION					
		101-171-921.000	77.85	APR15 NATURAL GAS					
		101-201-921.000	41.66	APR15 NATURAL GAS					
		101-209-921.000	22.28	APR15 NATURAL GAS					
		101-215-921.000	67.65	APR15 NATURAL GAS					
		101-253-921.000	28.26	APR15 NATURAL GAS					
		101-265-854.000	264.71	APR15 NATURAL GAS					
		101-265-776.000		NATURAL GAS					

VENDOR ENTRY NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
		101-305-921.000	223.57-	APR15	NATURAL GAS				
		101-315-951.000			NATURAL GAS				
		101-325-921.000	93.07-	APR15	NATURAL GAS				
		101-336-921.000	755.95	APR15	NATURAL GAS				
		101-371-921.000	49.01-	APR15	NATURAL GAS				
		101-400-921.000	27.45-	APR15	NATURAL GAS				
		101-691-921.000	217.10	APR15	NATURAL GAS				
		226-226-921.000	6.45-	APR15	NATURAL GAS				
		592-172-921.000	470.17	APR15	NATURAL GAS				
		510-510-737.000	171.65	APR15	NATURAL GAS				
		592-444-745.000	97.03	APR15	NATURAL GAS				
		101-265-921.000	606.96-	APR15	NATURAL GAS				
		226-226-921.000	6.45	APR15	NATURAL GAS				
		510-510-737.000	171.65-	APR15	NATURAL GAS				
		592-172-921.000	470.17-	APR15	NATURAL GAS				
		592-444-745.000	97.03-	APR15	NATURAL GAS				
		101-265-921.000	606.96	APR15	NATURAL GAS				
		226-226-921.000	6.45-	APR15	NATURAL GAS				
		510-510-737.000	171.65	APR15	NATURAL GAS				
		592-172-921.000	470.17	APR15	NATURAL GAS				
		592-444-745.000	97.03	APR15	NATURAL GAS				
130170	5/20/2015	MARK'S OUTDOOR POWER EQUIPMENT ACCOUNT	90397	5/07/2015	001	63.24	N	63.24	5/20/2015
		101-691-931.000	27.24						
		101-691-931.000	36.00						
130926	5/20/2015	MICHIGAN CONFERENCE OF TEAMSTERS ACCOUNT	MAY 2015	5/06/2015	001	12,206.25	N	12,206.25	5/20/2015
		592-172-716.000	1,743.75						
		592-172-716.000	1,743.75						
		592-172-716.000	1,743.75						
		592-172-716.000	1,743.75						
		592-172-716.000	1,743.75						
		592-172-716.000	1,743.75						
		592-172-716.000	1,743.75						
160168	5/20/2015	PARKWAY SERVICES INC. ACCOUNT	A-90956	5/06/2015	001	190.00	N	190.00	5/20/2015
		101-691-931.000	190.00						
192089	5/20/2015	SUNBELT RENTALS, INC. ACCOUNT	52043342-001	4/30/2015	001	584.03	N	584.03	5/20/2015
		101-691-931.000	584.03						
211532	5/20/2015	UPS ACCOUNT	0000Y65Y35185	5/02/2015	001	12.20	N	12.20	5/20/2015
		101-171-727.000	7.32						
		101-851-971.000							

INVOICE EDIT LISTING

VENDOR ENTRY NO.	ENTRY DATE	NAME	INVOICE NUMBER	INVOICE DATE	BANK CODE	GROSS AMOUNT	SEP. CHECK	NET AMOUNT	DUE DATE/CHK. DATE
			592-172-727.000		DWS				
			592-291-804.000		HYDRO DESIGN, INC				
			101-215-727.000		RESERVE ACCOUNT				
			226-226-727.000	4.88	SWD				
			101-253-727.000		TREASURER				
230125	5/20/2015	WCA ASSESSING		APR 2015	5/07/2015 001	189.73	N	189.73	5/20/2015
			ACCOUNT	AMOUNT	DESCRIPTION				
			101-209-826.000	189.73	LEGAL SERVICES APR15				
230125	5/20/2015	WCA ASSESSING		APR 2015	5/07/2015 001	2,388.99	N	2,388.99	5/20/2015
			ACCOUNT	AMOUNT	DESCRIPTION				
			101-209-818.000		FULL TRIB LIMITED VAL APR				
			101-209-818.000	900.00	FULL TRIBUNALS APR				
			101-209-818.000	1,488.99	PARALEGAL APR				
			101-209-818.000		SMALL CLAIMS APR				
230555	5/20/2015	WESTERN TWNPS UTILITIES AUTHORITY		APRIL 2015	5/07/2015 001	248,096.11	N	248,096.11	5/20/2015
			ACCOUNT	AMOUNT	DESCRIPTION				
			592-100-185.000	6,459.62	CAPITAL IMPR APR2015				
			592-443-937.000		COUNTRY ACRES P STA MAINT				
			592-441-743.000	3,816.65	YCUA IPP				
			592-441-742.000	237,819.84	YCUA/OPERATING APR2015				
*** GRAND TOTALS ***			14 INVOICES			270,463.61		270,463.61	