



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

MIKE ZIMMER
DIRECTOR

CONSTRUCTION CODE COMMISSION
Conference Room 3, First Floor
2501 Woodlake Circle
Okemos, Michigan 48864

AGENDA

January 7, 2015

9:30 a.m.

1. Call to Order and Determination of Quorum
2. Approval of Agenda (1-2)
3. Approval of Minutes – October 1, 2014 (3-8)
4. Director’s Report I. Poke
5. Applications to Administer and Enforce M. Somers
Osceola County – Document #15-01 (9-136)
6. Rescinding Ordinances – Document #15-02 (137) M. Somers
Village of Lake Isabella, Isabella County
7. Texas Township Performance Evaluation Report – Document #15-06 (138) M. Somers
8. Report of Assistance Requests – Document #15-07 (139) K. Lambert
9. Applications for Program Approval - Document #15-03 (140-142) T. Cordill
10. Applications for Instructor Approval – Document #15-04 (143-145) T. Cordill
11. 1986, Act 54 Registration Applicants – Document #15-05 a-h (146-157) T. Cordill
12. Certificate of Acceptability T. Cordill
 - a.) Modular Space Corporation – CA #556 – Document #15-08 (158)

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AGENDA – Construction Code Commission – January 7, 2015

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13. Recommended Product Approvals

- a.) MIFAB Inc., J. Madziar
Big Max Large Plastic Grease Interceptors, Models XL-MI-G-PL-750 and XL-MI-G-PL-1150, BCCP-14-010 – Document #15-09 (159-169)

- b.) B-Dry Systems J. Madziar
Pipe & Gravel System, BCCP-14-007 – Document #15-10 (170-178)

14. Unfinished Business

- a.) City of Cadillac, Application to Administer and Enforce – Status of Conditional Approval

15. New Business

16. Public Comment

17. 2015 Schedule – April 1, July 1, October 7

18. Adjournment

The meeting site and parking is accessible. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional services (such as materials in alternative format) in order to participate in the meeting should call Hillary Cushman at (517) 241-9302 at least 10 business days before the event.



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STATE OF MICHIGAN
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IRVIN J. POKE
DIRECTOR

MIKE ZIMMER
ACTING DIRECTOR

CONSTRUCTION CODE COMMISSION
Conference Room 3, First Floor
2501 Woodlake Circle
Okemos, Michigan 48864

MINUTES
October 1, 2014
9:30 a.m.

MEMBERS PRESENT

- Mr. William Benoit, Jr. (Chair)
- Mr. Thomas Baldwin
- Mr. Michael Boss
- Mr. Frederick Butters
- Mr. Anthony D'Ascenzo
- Mr. Roger Donaldson
- Mr. William Duffield
- Mr. Thomas Erdman
- Mr. Kenneth D. Misiewicz
- Mr. Sean O'Neil
- Mr. Roger Papineau
- Mr. Matthew Reno
- Mr. Donald Staley
- Mr. Richard Miller

MEMBERS ABSENT

- Mr. Clifton (Jack) Lewis
- Mr. Nelson McMath

DEPARTMENT PERSONNEL PRESENT

- Mr. Irvin J. Poke, Director, BCC
- Mr. Keith Lambert, Deputy Director, BCC
- Ms. Hillary Cushman, Assistant to Mr. Poke
- Ms. Deb Young, Director, Office of Administrative Services
- Ms. Jessica Lightner, Assistant to Ms. Young
- Mr. Michael Somers, Specialist, Office of Administrative Services
- Mr. David Vigas, Director, Office of Management Services
- Ms. LeeAnn Allaire, Analyst, Office of Management Services
- Mr. Dan O'Donnell, Chief, Electrical Division
- Mr. Jim Hennesey, Assistant Chief, Electrical Division
- Mr. Kevin Kalakay, Chief, Mechanical Division
- Mr. Jonathan Paradine, Assistant Chief, Mechanical Division
- Mr. Joseph Madziar, Chief, Plumbing Division
- Mr. Andy Neuman, Assistant Chief, Plumbing Division

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DEPARTMENT PERSONNEL PRESENT (CONT.)

Mr. Todd Cordill, Chief, Plan Review & Building Division
Mr. Stanley Skopek, Assistant Chief, Plan Review & Building Division
Mr. Charlie Curtis, Assistant Chief, Plan Review & Building Division

OTHERS IN ATTENDANCE

Mr. Keith Springstead, Pleune Service Co.
Mr. Marcus Peccia, City of Cadillac
Mr. Michael Homier, City of Cadillac
Mr. Lee Schwartz, Home Builders Association of Michigan
Mr. Jeffrey Bowdell, Pontiac/Southfield/Taylor

1. CALL TO ORDER AND DETERMINATION OF QUORUM

Chairperson Benoit called the meeting to order at approximately 9:30 a.m. A quorum was determined present at that time.

2. APPROVAL OF AGENDA

Commissioner Reno moved to approve the agenda. Commissioner Donaldson seconded the motion. **MOTION CARRIED.**

3. APPROVAL OF MINUTES

Commissioner Duffield moved to approve the minutes of the July 9, 2014 meeting. Commissioner Baldwin seconded the motion. **MOTION CARRIED.**

4. DIRECTOR'S REPORT

Director Poke reported that the letter regarding the referenced standards went out September 5, 2014. The letter was sent to the clerks of governmental subdivisions. BCC absorbed the cost of this at \$1051.73. Staff are currently gathering incoming questions regarding the letter. Director Poke indicated that he has a meeting scheduled with the Michigan Association of Counties to further discuss the letter.

Director Poke stated that the Home Builders Association of Michigan has been granted leave to present oral arguments for appeal. BCC's legal counsel is reviewing the case.

Director Poke advised that the Michigan Building and Rehabilitation Codes become effective October 9, 2014. The Residential and Energy Committee has completed their review and the codes are now in the drafting stage. They are projected to be complete Spring 2016.

Director Poke indicated that BCC staff will be doing training for the City of Detroit and DTMB Office of Facilities.

Director Poke also indicated that he will be setting up a training session for the Genesee County Building Officials on Construction Board of Appeals.

Director Poke gave a brief update on the Accela Automation project. He stated that the Fall 2014 implementation has been revised to Spring 2015 and will include Phases I and II. The bureau will hold a focus group for the Plan Review roll out before the end of the year.

Director Poke stated that there are a number of enforcing agencies that do not have Building Officials. He advised that BCC will be working to get these agencies into compliance.

5. APPLICATIONS TO ADMINISTER AND ENFORCE

City of Cadillac, Wexford County - Document #14-36

Mr. Somers presented an Application to Administer and Enforce for the City of Cadillac, Wexford County. It is the recommendation of staff to deny this Application to Administer and Enforce.

After discussion, Commissioner Boss moved to conditionally approve the City of Cadillac's Application to Administer and Enforce. The following conditions must be met for the application to be approved: 1) BCC staff must receive written confirmation from Ferris State University verifying the city's adequate access to the reference standards, 2) Provide BCC staff with a list of qualified members for the Construction Board of Appeals, 3) Provide BCC staff with a budget with a more detailed breakdown, 4) Provide BCC staff with an ordinance encompassing building, electrical, mechanical and plumbing codes. Commissioner Baldwin seconded the motion. **MOTION CARRIED.**

6. REPORT OF ASSISTANCE REQUESTS

Document #14-40

Mr. Lambert provided the Report of Assistance Requests to the commission for informational purposes.

7. **APPLICATIONS FOR PROGRAM APPROVAL**

Document #14-37

Mr. Cordill presented a list of continuing education program applications for approval. The programs were reviewed and found to be in compliance with the registration rules and it is the recommendation of staff that the programs be approved.

Commissioner Reno moved to approve the applications as submitted. Commissioner Erdman seconded the motion. **MOTION CARRIED.**

8. **APPLICATIONS FOR INSTRUCTOR APPROVAL**

Document #14-38

Mr. Cordill presented a list of Instructors of Continuing Education Programs for approval. The applications were reviewed and found to be in compliance with the registration rules and it is the recommendation of staff that the applications be approved.

Commissioner O'Neil moved to approve the instructors. Commissioner Donaldson seconded the motion. **MOTION CARRIED.**

9. **1986, ACT 54 REGISTRATION APPLICANTS**

Document #14-28 a-h

Mr. Cordill presented a list of applications for registration as building officials, building inspectors, plan reviewers, electrical inspectors, and plumbing inspectors. It is the recommendation of staff that the individuals listed be approved.

Commissioner Baldwin moved to approve the applications as submitted. Commissioner Reno seconded the motion. **MOTION CARRIED.**

10. **RECOMMENDED PRODUCT APPROVALS**

a.) WASTE WATER HEAT TRANSFER SYSTEMS, LLC. – Document #14-33

Mr. Madziar presented the WASTE WATER HEAT TRANSFER SYSTEMS, LLC. device for installation and use in the State of Michigan. It is the recommendation of staff that this product be approved.

Commissioner Misiewicz moved to approve the application as submitted. Commissioner Baldwin seconded the motion. **MOTION CARRIED.**

b.) B-DRY SYSTEMS – Document #14-34

Mr. Madziar presented the B-DRY SYSTEMS device for installation and use in the State of Michigan. It is the recommendation of staff that this product be approved.

After discussion, this product was withdrawn from consideration.

c.) MIFAB, Inc.– Document #14-35

Mr. Madziar presented the MIFAB, Inc. device for installation and use in the State of Michigan. It is the recommendation of staff that this product be approved.

Commissioner Reno moved to approve the application as submitted. Commissioner Misiewicz seconded the motion. **MOTION CARRIED.**

11. REQUEST FOR FORMAL INTERPRETATION

Document #14-38

Mr. Cordill presented a formal interpretation for approval.

Commissioner Boss moved to approve the Certificate of Acceptability. Commissioner Erdman seconded the motion. **MOTION CARRIED.**

a.) Adventure Homes – CA #555 Document #14-30

Mr. Cordill presented a Certificate of Acceptability for approval.

Commissioner Reno moved to approve the Certificate of Acceptability. Commissioner O'Neil seconded the motion. **MOTION CARRIED.**

12. PUBLIC COMMENT

Lee Schwartz spoke to the Commission regarding a new bill being introduced in the near future from Representative Forlini. This bill would remove the requirement for government employment prior to Act 54 registration. Mr. Schwartz was providing this for informational purposes only.

13. UNFINISHED BUSINESS

NONE

14. NEW BUSINESS

NONE

15. APPROVAL OF 2015 SCHEDULE

Commissioner O'Neil moved to approve the 2015 schedule. Commissioner Reno seconded the motion. **MOTION CARRIED.**

16. ADJOURNMENT

Commissioner Donaldson moved to adjourn the meeting at approximately 11:08 a.m. Commissioner Duffield seconded the motion. **MOTION CARRIED.**

APPROVED:

Chairman, Construction Code Commission

Date



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

MIKE ZIMMER
ACTING DIRECTOR

DOCUMENT #15-01

December 19, 2014

TO: Members of the Construction Code Commission
FROM: Irvin J. Poke, AIA, Director 
SUBJECT: Application for Approval to Administer and Enforce a Code

The following unit of government has submitted an application for approval to administer and enforce the Michigan code, along with an ordinance:

- 1. **M-15-01 Osceola County**
Michigan Mechanical Code
Inspector/Plan Reviewer: Kenneth E. Clark (Registration No. 005684)
Currently state enforced

FINDINGS

- 1. The InterLocal Agreement between Lake and Osceola Counties does not provide typed identification of the signatories.
- 2. The County does not identify the entity/individual that will issue the permits.
- 3. The County does not identify the entity/individual that will collect the fees.
- 4. The County does not substantiate and document their identified cost of conducting mechanical plan reviews and mechanical inspections.
- 5. Multiple documents and forms in the application packet reference outdated codes and/or code citations. This includes but is not limited to the county's list of current plans followed, the plan review checklist, and the residential plan review checklist.

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Document #15-01

Osceola County

Page 2 of 2

6. The checklist that references barrier free design is outdated and incorrectly refers to the ADA.
7. The County does not provide verification that all invoices for the essential referenced standards are paid and standards are in hand.

RECOMMENDATION: Due to concerns listed above regarding the County's Application to Administer and Enforce, the director recommends that the unit of government listed not be approved to administer and enforce the code.

IJP

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ADMINISTRATIVE SERVICES



OSCEOLA COUNTY

Application to Administer and Enforce
Mechanical Codes

November 10, 2014

OSCEOLA COUNTY
301 West Upton Avenue
REED CITY, MI 49677

Reference Table

- I. Introductory Letter**
- II. Application**
- III. Copies of Licensures for Inspectors**
- IV. Employment Agreements and Contract for Services for all Inspectors**
- V. Operations**
 - A) Department of Building Safety budget including but not limited to enforcing agency and administrative staff salaries and benefits, direct and indirect costs, overhead, including calculations and formulas utilized for development of fee schedules and determination of the level of fees for services related to administration and enforcement of 1972 PA 230
 - B) Schedule of Fees
 - C) Account Management for Department of Building Safety Funds
 - D) Specific cost breakdown for providing Plan Reviews and Inspections
 - E) Listing of Codes and Standards with written assurance that they are in your possession or immediately available to the public and your inspectors
 - F) Copies of Ordinances
 - G) Hours of Operation for Department of Building Safety
- VI. Procedures**
 - A) Permit Application Review Procedures
 - B) Plan Review Procedures
 - C) Permit Issuance Procedures
 - D) Field Inspection Procedures
 - E) Code Violation/Correction Notice Procedures
 - F) Certificate of Use and Occupancy Procedures
 - G) Construction Board of Appeals Procedures
 - H) Construction Board of Appeals Member's Names and Qualifications
 - I) Floodplain and Wetlands Management Procedures
 - J) Registration of Contractor Licenses Procedures
 - K) Complaint Processing and Resolution Procedures
- VII. Forms**
 - A) Building, Electrical, Mechanical and Plumbing Permit Application Forms
 - B) Plan Review Report Form
 - C) Building, Electrical, Mechanical and Plumbing Permit Forms
 - D) Field Inspection Report Forms
 - E) Code Violation/Correction Notice Form
 - F) Certificate of Use and Occupancy Form
 - G) Construction Board of Appeals Request for Hearing Application Form
 - H) Contractor License Registration Form
 - I) Complaint Submission Form

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COUNTY COORDINATOR'S OFFICE

Susan M. Vander Pol, County Coordinator
Cindy Stroop, Administrative Aide/Bookkeeper

301 West Upton
Reed City MI 49677
(231) 832-6196; (231) 832-6197 FAX; oscadmin@osceolacountymi.com

November 10, 2014

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Michigan Department of Licensing and Regulatory Affairs
Bureau of Construction Codes
Office of Administrative Services
P.O. Box 30254
Lansing MI 48909

RE : Osceola County Application to Enforce Mechanical Codes

Following please find Osceola County's application to assume the responsibility for the administration and enforcement of the Mechanical Codes under PA 230 of 1972. We have tabbed and indexed information relative to the Building Departments operations, procedures and forms. Many of the policies and procedures currently in place for the Building, Electrical and Plumbing trades will be used if the State of Michigan approves the County's application to enforce the Mechanical Codes. These are referenced in the materials.

Beginning January 2, 2014, Osceola County entered into a collaborative agreement with adjacent Lake County for their Building Inspections division to do code enforcement for the building trades and act as the Building Official in Osceola County. Each respective County's Board of Commissioners retains their authority to be the enforcement agency for the trades within this agreement.

Osceola County has entered into an agreement with Mr. Kenneth Clark in regards to performing Mechanical Inspections. He is currently the Plumbing and Mechanical Inspector in adjacent Mecosta County.

Enclosed in the "Operations" tab you will find a copy of the Osceola County OMB A-87 Cost Allocation Plan page reflecting the 249 Building Inspection Department Fund. This plan is utilized to determine the Indirect Costs for operation by functions. Expenditures for services of the County Clerk and County Treasurer are removed from the budget projection used in the line item (249.371.930.005) and charged to the department.

The Soil and Sedimentation Program is administered within the 249 Fund departmental budget. Each year the revenues/expenditures of this program are reviewed and adjustments made if necessary to offset any expenses over revenues to ensure that Building Inspections Services funds are not utilized for this program.

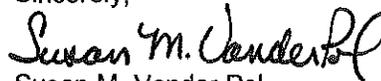
Under Operations item "a" staff budgeting – The Building Inspections Department has one administrative staff position (Office Manager) that is an Osceola County employee and receives paid benefits of health, dental and life insurances, sick pay, retirement and longevity. The costs are reflected in the enclosed budget. The inspectors are contracted and do not receive benefits directly through Osceola County. ✓

Under Operations item "c" Account Management - Budgets are monitored monthly through Expenditure/Revenue reports to review operations and monitor monthly expenditures. All invoices and requests for payments are approved by the Board of Commissioners.

Fees for services are determined based on departmental expenditures and surveys of what the State of Michigan and surrounding similar sized counties as well as adjacent counties are charging for fees and services. A breakdown of these expenditures and projected hourly rates for plan review and inspections is included. The Board of Commissioners has passed motions to establish the County's fees to be based on what the State of Michigan charges for services. This also streamlines our application processes to be similar to the State of Michigan. These fees are also reviewed during the annual budget process to determine if they need to be adjusted based on expenditures.

Thank you for your assistance and information related to our application process. Please let me know if you have any questions or require additional information to assist with your review of our application.

Sincerely,



Susan M. Vander Pol
County Coordinator

Enc (s)

Cc Larry Emig

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ADMINISTRATIVE SERVICES

Application to Administer and Enforce
 Michigan Department of Licensing and Regulatory Affairs
 Bureau of Construction Codes / Office of Administrative Services
 P.O. Box 30254, Lansing, MI 48909
 517-335-2972
 www.michigan.gov/bcc

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Authority: 1972 PA 230 Completion: Mandatory Penalty: Governmental subdivisions will not be approved to administer and enforce code(s)	LARA is an equal opportunity employer/program. Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.
--	--

NAME OF GOVERNMENTAL SUBDIVISION Osceola County		CONTACT PERSON (Elected Official) Larry Emig, Chairman Board of Commissioners	
ADDRESS (Street Number and Name) 301 West Upton Avenue			
CITY Reed City	COUNTY Osceola	STATE MI	ZIP CODE 49677
TELEPHONE NUMBER (Include Area Code) (231) 832-6196	FAX NUMBER (Include Area Code) (231) 832-6197	E-MAIL ADDRESS oscadmin@osceolacountymi.com	

A. Code Adoption

To assume responsibility for the administration and enforcement of the act and the state code in accordance with Section 8b(6) of 1972 PA 230. **Attach a certified copy of the adopted ordinance assuming responsibility for administration and enforcement of the act and the code.**

State Code(s) to be Enforced

Building Electrical Mechanical Plumbing

B. Enforcing Agency Personnel

(Attorney General Opinion No. 4885, dated August 15, 1975, provides that an enforcing agency must be a public official or governmental agency. Inspection functions or other technical assistance may be performed under contract with a private organization, but all decisions and official actions based on such inspection or technical advice must be made by the enforcing agency. Any formal actions such as the issuance, suspension, revocation, or cancellation of permits is exclusively within the purview of the governmental entity. Decision making by a non-governmental entity in which government is not the final authority is in violation of the Michigan Constitution.)

Attach copies of the valid registrations for all code officials/inspectors/plan reviewers registered in accordance with 1986 PA 54 and employed by the governmental subdivision listed above.

Attach all employment agreements or contracts with enforcing agency personnel

Attach all documents verifying direct employment relationship to governmental subdivision for all enforcing agency personnel

Attach all methods and means of compensation for enforcing agency personnel

BUILDING OFFICIAL INFORMATION	Name: Anthony Gagliardo	Registration Number: 004809
--------------------------------------	--------------------------------	------------------------------------

NAME	REGISTRATION NUMBER	PLAN REVIEWER	INSPECTOR
1. Anthony Gagliardo ✓	004809	<input checked="" type="checkbox"/> Bldg <input type="checkbox"/> Elec <input type="checkbox"/> Mech <input type="checkbox"/> Plbg	<input checked="" type="checkbox"/> Bldg <input type="checkbox"/> Elec <input type="checkbox"/> Mech <input type="checkbox"/> Plbg
2. Carl Merchant	003782	<input checked="" type="checkbox"/> Bldg <input type="checkbox"/> Elec <input type="checkbox"/> Mech <input type="checkbox"/> Plbg	<input checked="" type="checkbox"/> Bldg <input type="checkbox"/> Elec <input type="checkbox"/> Mech <input type="checkbox"/> Plbg
3. Timothy D Taylor	004740	<input type="checkbox"/> Bldg <input checked="" type="checkbox"/> Elec <input type="checkbox"/> Mech <input type="checkbox"/> Plbg	<input type="checkbox"/> Bldg <input checked="" type="checkbox"/> Elec <input type="checkbox"/> Mech <input type="checkbox"/> Plbg
4. Milton G Van Gordon	004986	<input type="checkbox"/> Bldg <input type="checkbox"/> Elec <input type="checkbox"/> Mech <input checked="" type="checkbox"/> Plbg	<input type="checkbox"/> Bldg <input type="checkbox"/> Elec <input type="checkbox"/> Mech <input checked="" type="checkbox"/> Plbg
5. Kenneth Clark	005684	<input type="checkbox"/> Bldg <input type="checkbox"/> Elec <input checked="" type="checkbox"/> Mech <input type="checkbox"/> Plbg	<input type="checkbox"/> Bldg <input type="checkbox"/> Elec <input checked="" type="checkbox"/> Mech <input type="checkbox"/> Plbg
6.		<input type="checkbox"/> Bldg <input type="checkbox"/> Elec <input type="checkbox"/> Mech <input type="checkbox"/> Plbg	<input type="checkbox"/> Bldg <input type="checkbox"/> Elec <input type="checkbox"/> Mech <input type="checkbox"/> Plbg
7.		<input type="checkbox"/> Bldg <input type="checkbox"/> Elec <input type="checkbox"/> Mech <input type="checkbox"/> Plbg	<input type="checkbox"/> Bldg <input type="checkbox"/> Elec <input type="checkbox"/> Mech <input type="checkbox"/> Plbg
8.		<input type="checkbox"/> Bldg <input type="checkbox"/> Elec <input type="checkbox"/> Mech <input type="checkbox"/> Plbg	<input type="checkbox"/> Bldg <input type="checkbox"/> Elec <input type="checkbox"/> Mech <input type="checkbox"/> Plbg
9.		<input type="checkbox"/> Bldg <input type="checkbox"/> Elec <input type="checkbox"/> Mech <input type="checkbox"/> Plbg	<input type="checkbox"/> Bldg <input type="checkbox"/> Elec <input type="checkbox"/> Mech <input type="checkbox"/> Plbg

C. Enforcing Agency Responsibilities

Please submit two (2) complete copies of the Application to Administer and Enforce and all related documentation identified below tabbed and indexed.

1. Operations

- a) Department of Building Safety budget including but not limited to enforcing agency and administrative staff salaries and benefits, direct and indirect costs, overhead, including calculations and formulas utilized for development of fee schedules and determination of the level of fees for services related to administration and enforcement of 1972 PA 230
- b) Schedule of Fees
- c) Account Management for Department of Building Safety Funds
- d) Specific cost breakdown for providing Plan Reviews and Inspections
- e) Listing of Codes and Standards with written assurance that they are in your possession or immediately available to the public and your inspectors.
- f) Copies of Ordinances
- g) Hours of Operation for Department of Building Safety

2. Procedures

- a) Permit Application Review Procedures
- b) Plan Review Procedures
- c) Permit Issuance Procedures
- d) Field Inspection Procedures
- e) Code Violation/Correction Notice Procedures
- f) Certificate of Use and Occupancy Procedures
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- h) Construction Board of Appeals Member's Names and Qualifications
- i) Floodplain and Wetlands Management Procedures
- j) Registration of Contractor Licenses Procedures
- k) Complaint Processing and Resolution Procedures

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3. Forms

- a) Building, Electrical, Mechanical and Plumbing Permit Application Forms
- b) Plan Review Report Form
- c) Building, Electrical, Mechanical and Plumbing Permit Forms
- d) Field Inspection Report Forms
- e) Code Violation/Correction Notice Form
- f) Certificate of Use and Occupancy Form
- g) Construction Board of Appeals Request for Hearing Application Form
- h) Contractor License Registration Form
- i) Complaint Submission Form

D. Certification

I certify the information given in this application to administer and enforce is true and accurate to the best of my knowledge.

Name of Elected Official (Type or Print) LARRY EMIG Title Chairman
Signature of Elected Official Larry Emig Date 10-30-2014

Copies of all documents, forms, policies and procedures attached to or submitted with this application must include clear and visible identification of the governmental subdivision's department of building safety.

An Application to Administer and Enforce that does not include attachments and supplemental documentation shall be deemed as an incomplete submission and shall be presented to the State Construction Code Commission in accordance with Section 8b (6) of 1972 PA 230.

The conduct of the administration and enforcement of the Michigan codes shall be performed in accordance with the approved Application to Administer and Enforce and ordinance. Changes in enforcing agency personnel must be immediately reported to the Bureau of Construction Codes. Any changes in the approved ordinance and all procedures, forms, policies and practices must be submitted to the Bureau of Construction Codes for review and final approval prior to implementation by local departments of building safety.



OSCEOLA COUNTY
BOARD OF COMMISSIONERS

301 West Upton Avenue
Reed City MI 49677
(231) 832-6196; (231) 832-6197 FAX;
oscadmin@osceolacounty.mi.gov

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OSCEOLA COUNTY ORDINANCE
MECHANICAL INSPECTIONS

OFFICE OF
ADMINISTRATIVE SERVICES

An Ordinance to designate an enforcing agency to discharge the responsibility of the County of Osceola located in Osceola County, under the provisions of the Stille-DeRossett Hale Single State Construction Code Act, 1972 PA 230.

The County of Osceola ordains:

Section 1. ENFORCING AGENCY DESIGNATED. Pursuant to and in accordance with Section 8b(6) of the Stille-DeRossett Hale Single State Construction Code Act, 1972 PA 230, Osceola County hereby elects to administer and enforce 1972 PA 230 and the Michigan Mechanical Code. The County of Osceola shall also administer and enforce the respective provisions of the Michigan Residential, Rehabilitation and Uniform Energy Codes and all applicable laws and ordinances. A government official registered in accordance with 1986 PA 54 shall be appointed to receive all fees, issue permits, plan reviews, notices, orders and certificates of use and occupancy. All personnel performing plan reviews and inspections shall be registered in accordance with 1986 PA 54.

Section 2. REPEALS. All ordinances inconsistent with the provisions of this ordinance are hereby repealed.

Section 3. PUBLICATION. This ordinance shall be effective after legal publication and in accordance with provisions of the Act governing same.

Adopted this 21st day of January, 2014.

This ordinance duly adopted on January 21, 2014 at a regular meeting of the Osceola County Board of Commissioners and will become effective _____.

Date: Feb 7, 2014

Signed: Karen J. Blahn
Clerk of the Osceola County Board of Commissioners

Attested: Larry Emig
Chairperson, Osceola County Board of Commissioners

MICHIGAN DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES

REGISTERED CODE OFFICIAL AND INSPECTOR

CATEGORIES

- MECHANICAL INSPECTOR
- PLUMBING INSPECTOR
- PLAN REVIEWER

KENNETH E CLARK



REGISTRATION NO.

005684

EXPIRATION DATE

09/16/15

OK

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MICHIGAN DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES

REGISTERED CODE OFFICIAL AND INSPECTOR

CATEGORIES

BUILDING INSPECTOR
PLAN REVIEWER

CARL E. MERCHANT



REGISTRATION NO.

003782

EXPIRATION DATE

09/16/15

Osceola County



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MICHIGAN DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES

REGISTERED CODE OFFICIAL AND INSPECTOR

TIMOTHY D TAYLOR


REGISTRATION NO. 004740

EXPIRATION DATE 09/16/15

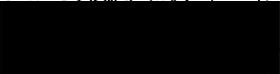
CATEGORIES
BUILDING OFFICIAL
ELECTRICAL INSPECTOR
PLAN REVIEWER

Osceola County

MICHIGAN DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES

REGISTERED CODE OFFICIAL AND INSPECTOR

CATEGORIES
PLUMBING INSPECTOR
PLAN REVIEWER

MILTON C VAN GORDON


REGISTRATION NO. 004986 EXPIRATION DATE 09/16/15

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OFFICE OF
ADMINISTRATIVE SERVICES

Osceola County

Final

INTER GOVERNMENTAL AGREEMENT WITH OSCEOLA COUNTY TO PROVIDE BUILDING OFFICIAL AND INSPECTION SERVICES

THIS AGREEMENT, made and entered into this 1st day of January 2014, by and between the County of Lake, a municipal corporation and political subdivision of the State of Michigan (hereinafter referred to as the "Contractor") and the County of Osceola, a municipal corporation and political subdivision of the State of Michigan (hereinafter referred to as the "County").

WITNESSETH:

WHEREAS, the County desires *Building Official, Inspection and Building Code Enforcement* services; and

WHEREAS, the Contractor shall provide a *Registered and Certified Code Official* with an established and active certification in the *Building Inspections Trade* in the State of Michigan; and

WHEREAS, the Contractor and the County have agreed to the terms and conditions of this inter governmental agreement to provide building official and inspection services.

NOW, THEREFORE, for and in consideration of the mutual covenants hereinafter contained, **IT IS HEREBY AGREED**, as follows:

1. Services to be provided by the Contractor.

The Contractor agrees to provide the following services to the County:

- A. Provide timely Building Official, Inspection and Enforcement Services of any and all new construction.
- B. As requested by the County, meet with the Construction Board of Appeals on any issue regarding an appeal of action taken on your part.
- C. Respond to calls and/or inquiries as soon as practicable or on scheduled work days.
- D. Perform Plan Reviews as necessary to be compensated as agreed to within this document.
- E. Prepare all reports required by the County and/or the State of Michigan in compliance with any State and/or Local Ordinance or Law.
- F. In addition to the described services, any further service required by the County including attendance at meetings necessary to enhance the implementation of the County's *Building Official and Inspection Code* administration, as requested by the County, which are mutually agreed upon. Mileage and the official's hourly rate will be compensated.

*

2. Compensation. Payment shall be in monthly installments, due and payable on 15th of every month, for services rendered during the prior month. Compensation for the term of this agreement shall be agreed upon as expressed in the annual LAKE County Building Inspections Fee Schedule as presented and attached to this agreement. For 2014 the rate will be \$35.54 per hour which includes benefits for a Lake County employee. Mileage reimbursement rate if a non-Osceola County vehicle is used will be \$.55.

3. Qualifications of the Contractor. The Contractor agrees that at all times during the term of this Agreement the Building Official and Inspector shall maintain his/her professional status and shall satisfy applicable licensing requirements of the State of Michigan, which qualify him/her to continue service to the County in the designated *Registered Code Official* or *Inspector* capacity. The Contractor further agrees to keep current in the disciplinary fields required to maintain his/her license, to remain in good standing with the State of Michigan in the capacity required to fulfill the terms of this Agreement. It is understood that the failure to comply with these requirements is

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a material breach of this Agreement and grounds for immediate termination of this Agreement the County.

4. County's Title to Records, Documents, Papers, Etc. The County shall have the sole and exclusive right, title and interest to any and all records, documents, papers, maps or manuscripts pertaining to or prepared pursuant to this Agreement.

5. Avoidance of Conflicts of Interest. The Contractor agrees, during the term of this Agreement or any extended term in which this Agreement remains in effect, to avoid both actual and the appearance of conflicts of interest.

6. County Responsibilities. The County agrees to provide the Contractor with the following:

- A. The reasonable cooperation of County personnel.
- B. Access to existing records to perform duties as depicted in this document.
- C. A list of Inspections to be performed the afternoon prior to the days agreed to perform the services.
- D. Code Books and necessary inspection forms to complete the Inspections requested including field reports.
- E. Approved prints and plans on all projects requiring plan review.

7. Nondiscrimination. The Contractor and the County, as required by law, shall not discriminate against any employee or applicant for employment with respect to hire, tenure, terms, conditions or privileges of employment, or a matter directly or indirectly related to employment because of race, color, religion, national origin, age, sex, disability that is unrelated to the individual's ability to perform the duties of a particular job or position, height, weight, or marital status. Breach of this section shall be regarded as a material breach of this Agreement.

8. Compliance with the Law, Applicable Law and Venue. The Contractor, while engaged in any activity pursuant to this Agreement, shall comply with all applicable Federal, State or local laws, ordinances, rules and regulations. Breach of this covenant shall be regarded as a material breach of this Agreement.

This Agreement shall be construed according to the laws of the State of Michigan. The venue for the bringing of any legal or equitable action under this Agreement shall be established in accordance with the statutes of the State of Michigan and/or Michigan Court Rules.

9. Indemnification and Hold Harmless. The Contractor shall, at its own expense, indemnify, save and hold harmless the County, and its elected and appointed officials/officers, employees and agents from all claims, damages, costs, lawsuits and expenses, including, but not limited to, all costs from administrative proceedings, court costs and attorney fees, that they may incur as a result of any acts, omissions or negligence of LAKE County or any of its employees or agents which may arise out of this Agreement.

The Contractor's indemnification responsibilities under this section shall include the sum of damages, costs and expenses which are in excess of the sum paid out on behalf of or reimbursed to the County, its officials/officers, employees and agents by the insurance coverage obtained and/or maintained by the Contractor pursuant to the requirements of this Agreement.

10. Waivers. No failure or delay on the part of either of the parties to this Agreement in exercising any right, power or privilege hereunder shall operate as a waiver thereof, nor shall a single or partial exercise of any right, power or privilege preclude any other or further exercise of any other right, power or privilege.

In no event shall the making by the County of any payment due to the Contractor constitute or be construed as a waiver by the County of any breach of a provision of this Agreement, or any default which may then exist, on the part of the Contractor, and the making of any such payment by the County while any such breach or default shall exist, shall in no way impair or prejudice any right or remedy available to the County in respect to such breach or

default.

11. **Modification of Agreement.** Modifications, amendments or waivers of any provisions of this Agreement may be made only by the written mutual consent of the parties hereto.

12. **Agreement Term.** The Contractor shall commence performance of the services required under this Agreement on January 2, 2014, and the Agreement shall continue through December 30, 2014, unless terminated as provided in paragraph 3 or 13; or is otherwise amended by the written authorization of the parties.

13. **Termination of Agreement.** Either party shall have the right, upon ninety (90) calendar days prior written notice to the other party, to terminate this Agreement. In the event this Agreement is terminated, compensation shall cease at the end of the calendar month during which the termination is effective.

14. **Return of County Records and Equipment upon Agreement Termination.** Upon termination or completion of this Agreement, the Contractor shall turn over to the County all records, property, and equipment of the County within fifteen (15) days of such termination or completion.

15. **Section Titles.** The titles of the sections set forth in this Agreement are inserted for the convenience of reference only, and shall be disregarded when construing or interpreting any of the provisions of this Agreement.

16. **Complete Agreement.** This Agreement contains all of the terms and conditions agreed upon by the parties hereto, and no other agreements, oral or otherwise, regarding the subject matter of this Agreement or any part thereof shall have any validity or bind any of the parties hereto.

17. **Invalid Provisions.** If any provision of this Agreement is held to be invalid, it shall be considered to be deleted, and the remainder of this Agreement shall not be affected thereby. Where the deletion of the invalid provision would result in the illegality and/or unenforceability of this Agreement, this Agreement shall be considered to have terminated as of the date in which the provision was declared invalid.

18. **Certification of Authority to Sign Agreement.** The persons signing on behalf of the parties certify by their signatures that they are duly authorized to sign this Agreement on behalf of said parties and that this Agreement has been authorized by said parties.

IN WITNESS WHEREOF, the authorized representatives of the parties hereto have fully executed this instrument on the day and year first above written.

WITNESSED BY: "CONTRACTOR" (COUNTY OF LAKE)

11/2/14 Date By *Karl Walk*

WITNESSED BY: "COUNTY" (COUNTY OF OSCEOLA)

12/3/13 Date *Susan M. Underhill* By *Jamy Erney*

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MECHANICAL INSPECTOR AGREEMENT

OFFICE OF
ADMINISTRATIVE SERVICES

WHEREAS, the Osceola County Board of Commissioners (here-in-after referred to as the County) will be performing all necessary mechanical inspections for the State of Michigan, and

WHEREAS, the County requires the services of a State of Michigan licensed and properly registered individual to perform these inspections, and

WHEREAS, Kenneth Clark, (here-in-after referred to as the Inspector) is a duly licensed Mechanical Inspector in the State of Michigan and upon approval by the State of Michigan, a Registered Mechanical Inspector, and has indicated his willingness to perform Mechanical Inspection Services for the County, now

THEREFORE, BE IT RESOLVED, that the County will contract these services from the Inspector in accordance with the following terms and conditions:

The County agrees to:

1. Supply secretarial support as needed by the Inspector.
2. Provide office space as available, basic telephone service and file storage space for all inspection reports and notes.
3. Provide Errors & Omissions Insurance for the Inspector when that person is acting in an official capacity for Osceola County.
4. For permits issued after commence of this agreement (upon approval by the State of Michigan for Osceola County to commence Mechanical Inspection services in 2014), compensate the Inspector 60% of the gross permit fee for each rough-in Mechanical inspection and final Mechanical inspection conducted by the Inspector. Total compensation to the Inspector will not exceed sixty percent (60%) of the gross permit fee. The Osceola County Mechanical Inspector will determine on a bi-weekly basis the compensation due and voucher and submit an invoice to the Coordinator for payment of the Inspector.

The Inspector agrees to:

1. Perform any and all Mechanical inspections as directed by the County or the Osceola County Building Official and explain violations to clients and site any violations to the permit holder.
2. Report to the offices of the County on a regular basis to perform any and all plan reviews, review Mechanical inspection applications and receive inspection assignments, (a schedule to be determined by the parties).
3. Inform the Building Official on a weekly basis of all completed final inspections.

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4. Maintain his licensure and registration with the State of Michigan.

5. Furnish and maintain a toll-free phone or cell phone and voice mail and questions from clients.

OFFICE OF
ADMINISTRATIVE SERVICES

Both parties agree to these general conditions:

1. The County will provide all necessary supplies to perform inspections. All supplies provided by the County shall remain the exclusive property of the County.
2. All permits, reports and related materials shall be the property of Osceola County and will be stored on county property.
3. The Inspector will provide all personal transportation and necessary insurance coverage for vehicles and workers compensation and provide certification of same to the County upon request.
4. It is agreed by both parties that the Inspector is employed on a contract basis to perform services to the County and will at no time be considered an employee of the County.
5. This agreement constitutes the complete understanding concerning the provision of services by the Inspector to the County and shall superseded any and all prior agreements, written or oral, between the parties. It is further understood that no County personnel has the authority to amend or change this Agreement without written consent duly signed by both parties.
6. This agreement shall become effective upon the proper signature of both parties and shall continue in full force and effect from year to year unless a sixty (60) day written Notice of Termination is delivered by one party upon the other via the U.S. Postal Service or in person.

IN THE PRESENCE OF:

Susan M. Vander Bl
8.5.14
 Date

Larry Emig
 Larry Emig
 Osceola County Board of Commissioners

Jody Waurzyniak
8-1-14
 Date

Kenneth Clark
 Kenneth Clark
 Mechanical Inspector

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ELECTRICAL INSPECTOR AGREEMENT

OFFICE OF
ADMINISTRATIVE SERVICES

WHEREAS, the Osceola County Board of Commissioners (here-in-after referred to as the County) will be performing all necessary electrical inspections for the State of Michigan, and

WHEREAS, the County requires the services of a State of Michigan licensed and properly registered individual to perform these inspections, and

WHEREAS, TIMOTHY D. TAYLOR, (here-in-after referred to as the Inspector) is a duly licensed Master Electrician in the State of Michigan and upon approval by the State of Michigan, a Registered Electrical Inspector, and has indicated his willingness to perform Electrical Inspection Services for the County, now

THEREFORE, BE IT RESOLVED, that the County will contract these services from the Inspector in accordance with the following terms and conditions:

The County agrees to:

- 1. Supply secretarial support as needed by the Inspector.**
- 2. Provide office space as available, basic telephone service and file storage space for all inspection reports and notes.**
- 3. Provide Errors & Omissions Insurance for the Inspector when that person is acting in an official capacity for the County.**
- 4. For permits issued after commence of this agreement (upon approval by the State of Michigan for Osceola County to commence Electrical Inspection services in 2001), compensate the Inspector 65 % of the gross permit fee for each rough-in electrical inspection and final electrical inspection conducted by the Inspector. Total compensation to the Inspector will not exceed sixty-five percent (65%) of the gross permit fee. The Osceola County Electrical Inspector will determine on a bi-weekly basis the compensation due and voucher and submit an invoice to the Coordinator for payment of the Inspector.**

The Inspector agrees to:

- 1. Perform any and all electrical inspections as directed by the County or the Osceola County Building Official and explain violations to clients and site any violations to the permit holder.**
- 2. Report to the offices of the County on a regular basis to perform any and all plan reviews, review electrical inspection applications and receive inspection assignments, (a scheduled to be determined by the parties).**
- 3. Inform the Building Official on a weekly basis of all completed final inspections.**

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- 4. Maintain his licensure and registration with the State of Michigan.
- 5. Furnish and maintain a toll free phone and voice mail for inspection scheduling and questions from clients.

OFFICE OF ADMINISTRATIVE SERVICES

Both parties agree to these general conditions:

- 1. The County will provide all necessary supplies to perform inspections. All supplies provided by the County shall remain the exclusive property of the County.
- 2. All permits, reports and related materials shall be the property of Osceola County and will be stored on county property.
- 3. The Inspector will provide all personal transportation and necessary insurance coverage for vehicles and workers compensation and provide certification of same to the County upon request.
- 4. It is agreed by both parties that the Inspector is employed on a contract basis to perform services to the County and will at no time be considered an employee of the County.
- 5. This agreement constitutes the complete understanding concerning the provision of services by the Inspector to the County and shall superseded any and all prior agreements, written or oral, between the parties. It is further understood that no County personnel has the authority to amend or change this Agreement without written consent duly signed by both parties.
- 6. This Agreement shall become effective upon the proper signature of both parties and shall continue in full force and effect from year to year unless a sixty (60) day written Notice of Termination is delivered by one party upon the other via the U.S. Postal Service or in person.

IN THE PRESENCE OF:

Susan M. Vander Pol
10-09-01
 Date

Donna E. Denslow
 Donna E. Denslow
 Osceola County Board of Commissioners

Susan M. Vander Pol
10-5-01
 Date

[Signature]
 Electrical Inspector

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PLUMBING INSPECTOR AGREEMENT NOV 13 2014

OFFICE OF

WHEREAS, the Osceola County Board of Commissioners (herein after referred to as the County) will be performing all necessary plumbing inspections for the State of Michigan, and

WHEREAS, the County requires the services of a State of Michigan licensed and properly registered individual to perform these inspections, and

WHEREAS, Milton Gene VanGordon, (here-in-after referred to as the Inspector) is a duly licensed Plumber in the State of Michigan and upon approval by the State of Michigan, a Registered Plumbing Inspector, and has indicated his willingness to perform Plumbing Inspection Services for the County, now

THEREFORE, BE IT RESOLVED, that the County will contract these services from the Inspector in accordance with the following terms and conditions:

The County agrees to:

1. Supply secretarial support as needed by the Inspector.
2. Provide office space as available, basic telephone service and file storage space for all inspection reports and notes.
3. Provide Errors & Omissions Insurance for the Inspector when that person is acting in an official capacity for Osceola County.
4. For permits issued after commence of this agreement (upon approval by the State of Michigan for Osceola County to commence Plumbing Inspection services in 2003), compensate the Inspector 65 % of the gross permit fee for each rough-in Plumbing inspection and final Plumbing inspection conducted by the Inspector. Total compensation to the Inspector will not exceed sixty-five percent (65%) of the gross permit fee. The Osceola County Plumbing Inspector will determine on a bi-weekly basis the compensation due and voucher and submit an invoice to the Coordinator for payment of the Inspector.

The Inspector agrees to:

1. Perform any and all Plumbing inspections as directed by the County or the Osceola County Building Official and explain violations to clients and site any violations to the permit holder.
2. Report to the offices of the County on a regular basis to perform any and all plan reviews, review Plumbing inspection applications and receive inspection assignments, (a scheduled to be determined by the parties).
3. Inform the Building Official on a weekly basis of all completed final inspections.

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- 4. **Maintain his licensure and registration with the State of Michigan.**
- 5. **Furnish and maintain a toll free phone or cell phone, and voice mail for inspection scheduling and questions from clients.**

OFFICE OF ADMINISTRATIVE SERVICES

Both parties agree to these general conditions:

- 1. **The County will provide all necessary supplies to perform inspections. All supplies provided by the County shall remain the exclusive property of the County.**
- 2. **All permits, reports and related materials shall be the property of Osceola County and will be stored on county property.**
- 3. **The Inspector will provide all personal transportation and necessary insurance coverage for vehicles and workers compensation and provide certification of same to the County upon request.**
- 4. **It is agreed by both parties that the Inspector is employed on a contract basis to perform services to the County and will at no time be considered an employee of the County.**
- 5. **This agreement constitutes the complete understanding concerning the provision of services by the Inspector to the County and shall superseded any and all prior agreements, written or oral, between the parties. It is further understood that no County personnel has the authority to amend or change this Agreement without written consent duly signed by both parties.**
- 6. **This Agreement shall become effective upon the proper signature of both parties and shall continue in full force and effect from year to year unless a sixty (60) day written Notice of Termination is delivered by one party upon the other via the U.S. Postal Service or in person.**

IN THE PRESENCE OF:

Therese Gost

12-10-02

Date

Donna E. Denslow

Donna E. Denslow
Osceola County Board of Commissioners

Susan M. Vander Pl

12/05/02

Date

Milton Gene Van Gordon

Milton Gene Van Gordon
Plumbing Inspector

PERIOD ENDING 10/31/2014

GL NUMBER	DESCRIPTION	2014		YTD BALANCE 10/31/2014	AVAILABLE BALANCE		2013		END BALANCE 12/31/2013
		AMENDED BUDGET	NORMAL		NORMAL	(ABNORMAL)	AMENDED BUDGET	NORMAL	
Fund 249 - BUILDING INSPECTION DEPARTMENT									
Revenues									
Dept 371-BUILDING INSPECTIONS									
249-371-479.000	BUILDING PERMITS	70,000.00		113,692.00	(43,692.00)		64,576.00		79,567.00
249-371-479.001	ELECTRICAL PERMITS	63,000.00		52,332.00	10,668.00		50,000.00		50,247.00
249-371-479.002	PLUMBING PERMITS	25,000.00		20,088.00	4,912.00		20,000.00		18,672.00
249-371-479.003	PERMITS SED CONTROL	10,000.00		6,075.00	3,925.00		10,000.00		6,880.00
249-371-626.000	PHOTO COPIES		40.00	93.00	(53.00)		40.00		42.00
249-371-664.000	INTEREST ON INVESTMENTS		1,500.00	0.00	1,500.00		1,500.00		271.80
249-371-695.001	TRANSFER IN MISC FUNDS		7,000.00	7,000.00	0.00		0.00		0.00
249-371-699.001	APPROPRIATED FUND BALANCE		31,951.00	0.00	31,951.00		5,283.00		0.00
Total Dept 371-BUILDING INSPECTIONS		208,491.00		199,280.00	9,211.00		151,399.00		155,679.80
TOTAL Revenues		208,491.00		199,280.00	9,211.00		151,399.00		155,679.80
Expenditures									
Dept 371-BUILDING INSPECTIONS									
249-371-702.001	PAYROLL ELECTED/APPT OFFICIAL	1,000.00		469.22	530.78		11,270.00		10,703.28
249-371-702.002	SUPERVISORY STAFF	12,085.00		11,114.92	970.08		15,500.00		13,349.03
249-371-702.003	PERMANENT EMPLOYEES	31,297.00		25,701.99	5,595.01		23,500.00		23,289.78
249-371-702.007	LONGEVITY		570.00	570.00	0.00		380.00		380.00
249-371-719.000	FICA	4,200.00		2,712.83	1,487.17		3,545.00		3,541.70
249-371-720.000	RETIREMENT CO SHARE		4,916.00	2,777.52	2,138.48		2,300.00		2,131.31
249-371-721.001	HEALTH INSURANCE	16,000.00		14,109.63	1,890.37		8,035.00		7,802.40
249-371-721.002	DENTAL INSURANCE	1,152.00		762.06	389.94		716.00		633.78
249-371-722.000	WORKERS COMPENSATION	300.00		266.13	33.87		430.00		427.31
249-371-723.000	UNEMPLOYMENT	1,800.00		0.00	1,800.00		1,800.00		0.00
249-371-724.001	LIFE INSURANCE	95.00		70.09	24.91		95.00		54.09
249-371-726.000	POSTAGE	700.00		629.69	70.31		450.00		449.00
249-371-727.000	OFFICE SUPPLIES	1,200.00		1,154.75	45.25		807.00		622.20
249-371-727.005	ELECTRICAL SUPPLIES	150.00		87.50	62.50		150.00		87.00
249-371-727.006	PLUMBING SUPPLIES	100.00		99.00	1.00		100.00		0.00
249-371-727.007	SOIL SUPPLIES	160.00		159.05	0.95		150.00		137.84
249-371-727.011	MECHANICAL SUPPLIES	7,000.00		6,853.33	146.67		0.00		0.00
249-371-744.000	DUES	125.00		125.00	0.00		100.00		100.00
249-371-747.000	GAS & OIL	715.00		69.54	645.46		1,665.00		1,664.94
249-371-808.000	CONTRACTED SERVICES	47,950.00		39,086.40	8,863.60		34,950.00		32,660.55
249-371-808.012	CONTRACTED PLUMBING	18,000.00		12,368.12	5,631.88		13,000.00		12,136.80
249-371-808.018	CONTRACTED-BUILDING	33,000.00		18,777.60	14,222.40		2,550.00		0.00
249-371-860.000	TRAVEL EXPENSES	3,230.00		1,989.12	1,240.88		3,230.00		2,847.60
249-371-880.000	NEWSPAPER/ADV		50.00	0.00	50.00		0.00		0.00
249-371-930.005	INDIRECT COSTS	21,846.00		10,923.00	10,923.00		25,926.00		25,926.00
249-371-931.000	EQUIPMENT MAINT/REPAIR		350.00	74.32	275.68		0.00		0.00
249-371-932.000	VEHICLE MAINTENANCE		500.00	0.00	500.00		750.00		748.33
Total Dept 371-BUILDING INSPECTIONS		208,491.00		150,950.81	57,540.19		151,399.00		139,692.94
TOTAL Expenditures		208,491.00		150,950.81	57,540.19		151,399.00		139,692.94
Fund 249 - BUILDING INSPECTION DEPARTMENT:									
TOTAL REVENUES		208,491.00		199,280.00	9,211.00		151,399.00		155,679.80
TOTAL EXPENDITURES		208,491.00		150,950.81	57,540.19		151,399.00		139,692.94

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User: SUSANV
DB: Osceola

REVENUE AND EXPENDITURE REPORT FOR OSCEOLA COUNTY

PERIOD ENDING 10/31/2014

GL NUMBER	DESCRIPTION	2014		YTD BALANCE		AVAILABLE		2013		END BALANCE	
		AMENDED	BUDGET	NORMAL	(ABNORMAL)	NORMAL	(ABNORMAL)	AMENDED	BUDGET	NORMAL	(ABNORMAL)
Fund 249 - BUILDING INSPECTION DEPARTMENT											
NET OF REVENUES & EXPENDITURES		0.00		48,329.19		(48,329.19)		0.00		15,986.86	

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ADMINISTRATIVE SERVICES

Osceola County, Michigan
OMB A-87 Cost Allocation Plan

FY 2012
8/26/2013

Summary Schedule

Department	210 Emerg. Medical Svcs	211 Michigan Justice Training	215 Friend of the Court	FOC-DP	230 Comm. Correct.	243 Brownfield Redevelop. Auth	244 St Survey & Remon Act 345	245 Public Improve Fund - sum	249 Building Insp Dept	256 ROD Auto. Fund
1 Building Use Charge	\$0	\$0	\$5,880	\$0	\$495	\$0	\$483	\$0	\$2,844	\$0
2 Equipment Use Charge	0	0	0	0	0	0	0	0	0	0
3 Cost Plan	0	0	0	0	0	0	0	0	0	0
4 101-102 Coordinator	22,318	42	4,961	0	1,249	289	657	5,077	2,027	199
5 101-210 County Att'y	2,325	4	580	0	130	30	74	529	211	21
6 101-215 County Clerk	14,404	42	3,774	0	2,365	65	95	398	3,001	6
7 101-223 Annual Audit	3,838	7	853	0	215	50	113	873	349	34
8 101-228 Info. Tech.	13,761	0	0	4,046	1,540	0	0	0	1,564	0
9 101-253 County Treasurer	16,238	148	5,053	0	3,265	257	187	1,065	4,827	241
10 101-265 Bldg & Gnds	1,370	0	4,848	0	820	0	398	0	770	0
11 101-290 Gen Services Admin	13,716	4	12,020	0	3,064	26	728	464	7,622	18
12 101-851 Insurance & Bonds	15,862	13	3,028	0	1,898	87	231	1,535	2,052	60
13 101-861 Employee Benefits	31,313	0	9,207	0	3,505	0	0	0	3,559	0
14 250 Vested Benefits	4,014	0	1,180	0	449	0	0	0	456	0
Total Current Allocations	139,159	260	51,384	4,046	18,995	804	2,966	9,941	29,282	579
Less: Fixed Costs (& Adjustments)	0	0	59,075	3,668	0	0	0	0	0	0
Carry-Forward	0	0	(7,691)	378	0	0	0	0	0	0
Proposed Costs	\$139,159	\$260	\$43,693	\$4,424	\$18,995	\$804	\$2,966	\$9,941	\$29,282	\$579

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ADMINISTRATIVE SERVICES

OSCEOLA COUNTY SQUARE FOOT CONSTRUCTION COST TABLE

(These fees stay current to the Bureau of Construction Codes Square Foot Construction Cost Table)

USE GROUP (2009 Michigan Building Code)	TYPE OF CONSTRUCTION									
	IA	IB	IIA	IIB	IIIA	IIIB	IV	VA	VB	
A-1 Assembly, theaters, with or without stage	176.44	169.93	165.20	157.56	146.98	142.20	151.76	132.98	127.07	
A-2 Assembly, nightclubs, restaurants, bars, banquet halls	161.03	146.72	141.70	136.83	127.57	124.97	131.74	115.44	113.02	
A-3 general, community halls, libraries, museums	178.16	171.65	166.92	159.28	148.82	144.24	153.47	134.83	128.91	
A-4 Assembly, arenas	175.54	169.03	163.40	156.66	145.18	141.50	150.86	131.18	126.17	
A-5 Assembly, bleachers, grandstands, stadiums	156.59	150.08	144.45	137.72	125.75	122.53	131.91	112.21	107.20	
B Business	155.28	149.60	144.52	137.45	124.67	120.03	131.78	109.55	104.34	
E Educational	163.53	157.90	153.20	146.21	136.19	128.91	141.11	118.49	114.47	
F-1 Factory and industrial, moderate hazard	92.97	88.61	83.30	80.08	71.35	68.29	76.52	58.88	55.23	
F-2 Factory and industrial, low hazard	92.07	87.71	83.30	79.18	71.35	67.39	75.62	58.88	54.33	
H-1 High Hazard, explosives	87.11	82.75	78.34	74.22	66.57	62.61	70.66	54.10	N.P.	
H234 High Hazard	87.11	82.75	78.34	74.22	66.57	62.61	70.66	54.10	49.55	
H-5 HPM	155.28	149.60	144.52	137.45	124.67	120.03	131.78	109.55	104.34	
I-1 Institutional, supervised environment	154.20	148.79	144.63	138.36	127.07	123.71	134.85	114.01	109.95	
I-2 Institutional, hospitals, nursing homes	263.67	257.99	252.91	245.84	232.14	N.P.	240.17	217.03	N.P.	
I-3 Institutional, restrained	176.87	171.19	166.11	159.04	147.61	142.08	153.37	132.50	125.48	
I-4 Institutional, day care facilities	154.20	148.79	144.63	138.36	127.07	123.71	134.85	114.01	109.95	
M Mercantile	113.22	108.91	103.89	99.02	90.41	87.80	93.93	78.28	75.86	
R-1 Residential, hotels and motels	155.54	150.13	145.97	139.70	128.56	125.20	136.34	115.49	111.44	
R-2 Residential, multiple family including dormitories, convents, monasteries	130.40	124.99	120.83	114.56	104.04	100.68	111.82	90.97	86.92	
R-3 Residential, one-and-two family	122.74	119.39	116.36	113.47	108.94	106.23	109.87	101.79	95.34	
R-4 Residential, care/assisted living facilities	154.20	148.79	144.63	138.36	127.07	123.71	134.85	114.01	109.95	
S-1 Storage, moderate hazard	86.21	81.85	76.54	73.32	64.77	61.71	69.76	52.30	48.65	
S-2 Storage, low hazard	85.31	80.95	76.54	72.42	64.77	60.81	68.86	52.30	47.75	
U Utility, miscellaneous	64.61	61.02	57.11	53.93	48.40	45.26	51.34	37.85	35.85	

Approved by the Osceola County Board of Commissioners on 6-18-2013
Effective 7-1-2013

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OSCEOLA COUNTY BUILDING PERMIT FEE SCHEDULE

Established under the Stille-Derossett-Hale State Construction Code Act, 1972 PA 230, MCL 125.1501 ET SEQ.
(These fees stay current to the Bureau of Construction Codes Square Foot Construction Cost Table)

The total cost of improvement is based on the Bureau of Construction Codes Square Foot Construction Cost Table
adopted by the Osceola County Commissioners on 6-18-2013 effective 7-1-2013

Construction Value

to \$1,000 (includes one inspection onl.....	\$75.00
\$1,000 to \$10,000	\$75.00 plus \$10 per \$1,000 over \$1,000
\$10,001 to \$100,000	\$165.00 plus \$3 per \$1,000 over 10,000
\$100,001 to \$500,000	\$435.00 plus \$2 per \$1,000 over \$100,000
\$500,000 plus	\$1,235.00 plus \$3 per \$1,000 over \$500,000

All work not involving a square foot computation:

Plan review and administration base fee	\$100.00
plus \$100.00 for each additional inspection	
Additional inspections.....	\$100.00
Special Inspection (pertaining to the sale of building).....	\$100.00
Demolition:.....	\$100.00
Certificate of Occupancy.....	\$50.00
Postage & Handling Fee	\$2.00

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1D

Osceola County Plan Review Fees

Established under the Stille-Derossett-Hale State Construction Code Act, 1972 PA 230, MCL 125.1501 ET SEQ.

BUILDING VALUATION*

FEE

\$0-\$500,000.....	0.0013 of building valuation but not less than \$125.00
Over \$500,000.....	\$650.00 plus 0.0003 of building valuation over \$500,000

*Based on the Bureau of Construction Codes square foot construction cost table. (See Attached)

The first \$125.00 of an application is non-refundable.

Mechanical, Plumbing, Electrical (each code)25% of Building Code Review Fee

Barrier Free Design, Energy (if separate reviews).....25% of Building Code Review Fee

Review of Alterations, Remodeling & Submissions Where NO SQUARE FOOTAGE CALCULATIONS are available.....\$125.00 Per Hour- 1 Hour Minimum

Consulting Services.....\$125.00 Per Hour- 1 hour Minimum

Approved by the Osceola County Board of Commissioners on 6-18-2013
Effective 7-1-2013

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OFFICE OF
ADMINISTRATIVE SERVICES

MECHANICAL PERMIT APPLICATION

OSCEOLA COUNTY BUILDING DEPARTMENT

4323 220th AVENUE

REED CITY, MICHIGAN 49677

(231) 832-6118

www.osceola-county.org/

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PROPERTY # NOV 13 2014

AUTHORITY: P.A. 230 OF 1972, AS AMENDED
COMPLETION: MANDATORY TO OBTAIN PERMIT
PENALTY: PERMIT CAN NOT BE ISSUED

I. JOB LOCATION

Name of Owner/Agent OFFICE OF ADMINISTRATIVE SERVICES	Has a building permit been obtained for this project?		
	YES	NO	NOT REQUIRED
Street Address & Job Location (Street No. and Name)	City/Village	Township	County OSCEOLA

II. CONTRACTOR/HOMEOWNER INFORMATION

Contractor Homeowner	Name of Contractor or Homeowner	Contractor License #	Expiration Date
Address	City	State	Zip Code
Telephone Number	Federal Employer ID Number (or reason for exemption)		
Workers Compensation Insurance Carrier (or reason for exemption)	MESC Employer Number (or reason for exemption)		

III. TYPE OF JOB

Single Family	New	Special Inspection	State Owned
Other	Alteration	Premanufactured Home Setup (State Approved) Manufactured Home Setup (HUD Mobile Home)	School

IV. PLAN REVIEW REQUIRED

Plans must be submitted with an Application for Plan Examination and the appropriate deposit before a permit can be issued, except as listed below.

Plans are not required for the following:

- One-and-two-family dwelling when the total building heating/cooling system input rating is 375,000 Btu's or less.
- Alterations and repair work determined by the mechanical official to be of a minor nature.
- Business, mercantile, and storage buildings having HVAC equipment only, with one fire area and not more than 3,500 square feet.
- Work completed by a governmental subdivision or state agency costing less than \$15,000.00

If work being performed is described above, check box below "Plans Not Required."

What is the building size in square footage? _____

What is the input rating of the heating system in this building? _____

Plans are required for all other building types and shall be prepared by or under the direct supervision of an architect or engineer licensed pursuant to 1980 PA 299 and shall bear that architect's or engineer's signature and seal.

Plan Review Submission No. _____ **Plans Not Required**

V. APPLICANT SIGNATURE

Section 23a of the state construction code act of 1972, 1972 PA 230, MCL 125.1523A, prohibits a person from conspiring to circumvent the licensing requirements of this state relating to persons who are to perform work on a residential building or a residential structure. Violators of section 23a are subjected to civil fines.

Signature of Contractor or Homeowner (Homeowner signature indicates compliance with Section VI, Homeowner Affidavit)	Date
--	------

VI. HOMEOWNER AFFIDAVIT

I hereby certify the mechanical work described on this permit application shall be installed by myself in my own home in which I am living or about to occupy. All work shall be installed in accordance with the State Mechanical Code shall not be enclosed, covered up, or put into operation until it has been inspected and approved by the County Mechanical Inspector. I will cooperate with the County Mechanical Inspector and assume the responsibility to arrange for necessary inspections.

VII. FEE CHART

#2, Residential Heating System: This item is used for the installation of a heating system in a new residential structure. Items #11 Gas Piping and #26 Duct need not be added. Replacement systems should be itemized.

	FEE	# of item	TOTAL		FEE	# of item	TOTAL
1. Application Fee (non-refundable)	\$75.00	1	\$75.00	25. Exhausters (commercial)	\$15.00		
2. Residential Heating System (includes duct & pipe) New Building Only**	\$50.00			26. Duct - minimum fee \$25.00	.10/ft.		
3. Gas/Oil Burning Equipment (furnace, roof top units, generators)	\$30.00			27. Heat Pumps; Commercial (pipe not included)	\$20.00		
4. Boiler	\$30.00			Air Handlers/Heat Wheels			
5. Water Heater (gas piping & venting-direct replacement only)	\$5.00			28. Under 10,000 CFM	\$20.00		
6. Damper (control, back-draft, barometric or fire/smoke)	\$5.00			29. Over 10,000 CFM	\$60.00		
7. Solid Fuel Equipment (includes chimney)	\$30.00			30. Commercial Hoods	\$15.00		
8. Chimney, factory built (installed separately), B Vent, PVC Venting	\$25.00			31. Heat Recovery Units	\$10.00		
9. Gas Burning Fireplace	\$30.00			32. V.A.V. Boxes (all variable volume or zone damper equipment)	\$10.00		
10. Solar; set of 3 panels-fluid transfer (includes piping)	\$20.00			33. Unit Ventilators/PTAC	\$10.00		
11. Gas Piping; each opening-new install (residential)	\$ 5.00			34. Unit Heaters (terminal units)	\$15.00		
12. Air Conditioning (incl. split systems) RTU-Cooling Only	\$30.00			35. Fire Suppression/Protection (includes piping)-minimum fee \$20.00	\$.75/head		
13. Heat Pumps (split systems) or Geothermal (complete residential)	\$30.00			36. Coils (Heat/Cool)	\$30.00		
14. Dryer, Bath & Kitchen Exhaust (residential ducting not included)	\$5.00			37. Refrigeration (split system)	\$30.00		
15. Humidifiers/Air Cleaners	\$10.00			Chiller/Cooling Towers			
Tanks				Chiller/Refrigeration			
16. Aboveground (other than L.P)	\$20.00			38. Chiller-Refrigeration	\$30.00		
17. Aboveground Connection	\$20.00			39. Chiller-Air Conditioning	\$30.00		
18. Underground (other than L.P)	\$25.00			40. Cooling Towers-Refrigeration	\$30.00		
19. Underground Connection	\$25.00			41. Cooling Towers-Air Conditioning	\$30.00		
Piping (ALL piping-minimum fee \$25.00)				42. Compressor/Condenser	\$30.00		
Inspections				Inspections			
20. Fuel Gas Piping	\$.05/ft			43. Special Insp. (pertaining to sale of bldg)	\$75.00		
21. Process Piping	\$.05/ft			44. Additional Inspection	\$75.00		
22. Hydronic Piping	\$.05/ft			45. Final Inspection	\$75.00	1	\$75.00
23. Refrigeration Piping	\$.05/ft			46. Certification Fee	\$30.00		
24. Commercial Air Conditioning Piping	\$.05/ft						

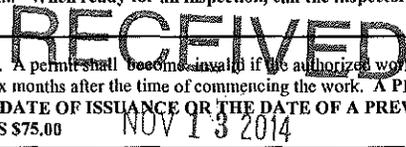
Osceola County will not discriminate against any individual or group because of race, sex, religion, age, national origin, color, marital status, handicap or political beliefs.

TOTAL FEES

IX. INSTRUCTIONS FOR COMPLETING APPLICATION

GENERAL: Mechanical work shall not be started until the application for permit has been filed with Osceola County. All installations shall be in conformance with the State Mechanical Code. No work shall be concealed until it has been inspected. The telephone number for the inspector will be provided on the permit form. When ready for an inspection, call the Inspector providing as much advance notice as possible. The inspector will need the job location and permit number.

EXPIRATION OF PERMIT: A permit remains valid as long as work is progressing and inspections are requested and conducted. A permit shall become invalid if the authorized work is not commenced within six months after issuance of the permit or if the authorized work is suspended or abandoned for a period of six months after the time of commencing the work. A PERMIT WILL BE CLOSED WHEN NO INSPECTIONS ARE REQUESTED AND CONDUCTED WITHIN 180 DAYS OF THE DATE OF ISSUANCE OR THE DATE OF A PREVIOUS INSPECTION. CLOSED PERMITS CANNOT BE REFUNDED. THE CHARGE TO RE-OPEN A CLOSED PERMIT IS \$75.00



WHERE TO SUBMIT APPLICATION: This application should be submitted to the Osceola County Building Department, Attention- Mechanical Inspector, 4323 220th Avenue, Reed City, Michigan 49677. Questions regarding this application or code questions may be directed to the Inspections Department at (231) 832-6118.

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3A

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Building Permit Application

2013

OFFICE OF
ADMINISTRATIVE SERVICES

OSCEOLA COUNTY BUILDING DEPARTMENT

4323 220th Avenue
Reed City, Michigan 49677
www.osceola-county.org/

Phone (231)832-6117 or (231)832-6118

Fax (231)832-7345

AUTHORITY: P.A. 230 of 1972, AS AMENDED COMPLETION MANDATORY TO OBTAIN PERMIT PENALTY: PERMIT WILL NOT BE ISSUED	THE DEPARTMENT WILL NOT DISCRIMINATE AGAINST ANY INDIVIDUAL OR GROUP BECAUSE OF RACE, SEX, RELIGION, AGE, NATIONAL ORIGIN, COLOR, MARITAL STATUS, HANDICAP, OR POLITICAL BELIEFS.
--	---

APPLICANT TO COMPLETE ALL ITEMS IN SECTION I,II,III,IV,V AND VI

NOTE: Separate Applications must be Completed for Plumbing, Mechanical and Electrical Work Permits

I. PROJECT INFORMATION		PROPERTY #	
TYPE OF PROJECT		ADDRESS OF LOCATION	
<input type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Township OF:		OSCEOLA COUNTY	ZIP
DIRECTIONS TO SITE			
II. Applicant/Facility Contact Information			
A. Applicant			
NAME		ADDRESS	
CITY	STATE	ZIP	TELEPHONE
B. Owner or Lessee			
NAME		ADDRESS	
CITY	STATE	ZIP	TELEPHONE
C. ARCHITECT OR ENGINEER			
NAME		ADDRESS	
CITY	STATE	ZIP	TELEPHONE
LICENSE NO.			EXPIRATION DATE
D. CONTRACTOR			
NAME		ADDRESS	
CITY	STATE	ZIP	TELEPHONE
BUILDERS LICENSE NUMBER			EXPIRATION DATE
FEDERAL EMPLOYER ID NUMBER(or reason for exemption)			
WORKERS COMP INSURANCE CARRIER (or reason for exemption)			
UNEMPLOYMENT INSURANCE AGENCY EMPLOYER ACCOUNT NUMBER (or reason for exemption)			

III. TYPE OF IMPROVEMENT AND PLAN REVIEW

Type of Improvement		Cost of Improvement							
1. <input type="checkbox"/>	New Building	2. <input type="checkbox"/>	Addition	3. <input type="checkbox"/>	Alteration	4. <input type="checkbox"/>	Repair	5. <input type="checkbox"/>	Wrecking
6. <input type="checkbox"/>	Mobile Home Set-up	7. <input type="checkbox"/>	Foundation Only	8. <input type="checkbox"/>	Premanufacture	9. <input type="checkbox"/>	Relocation	10. <input type="checkbox"/>	Special Inspection

B. PLAN REVIEW REQUIRED

A set of construction documents are required with each application for a permit, unless waived by the building official when code compliance can be determined based on the description in the application.

Construction documents must be sealed and signed by an architect or professional engineer in accordance with 1980, PA 299 as amended. The seal and signature is not required for one and two family dwellings less than 3,500 square feet of calculated floor area and public works less than \$15,000 in total construction cost.

IV. Plan Review Information

A. Residential-Buildings Regulated by the Michigan Residential Code

<input type="checkbox"/> One Family	<input type="checkbox"/> Townhouse (No. Of Units _____)	<input type="checkbox"/> Detached Garage
<input type="checkbox"/> Two Or More Family (No. Of Units _____)	<input type="checkbox"/> Attached Garage	<input type="checkbox"/> Other

B. Buildings Regulated by the Michigan Building Code

<input type="checkbox"/> A-1 ASSEMBLY (Theatres, Etc.)	<input type="checkbox"/> H-1 HIGH HAZARD (Detonation)	<input type="checkbox"/> M Mercantile
<input type="checkbox"/> A-2 ASSEMBLY (Restaurants, Bars, Etc.)	<input type="checkbox"/> H-2 HIGH HAZARD (Deflagration)	<input type="checkbox"/> R-1 RESIDENTIAL 1 (Hotels, Motels)
<input type="checkbox"/> A-3 ASSEMBLY (Churches, Libraries, Etc.)	<input type="checkbox"/> H-3 HIGH HAZARD (Combustion)	<input type="checkbox"/> R-2 RESIDENTIAL 2 (Multiple Family)
<input type="checkbox"/> A-4 ASSEMBLY (Indoor sports, Etc.)	<input type="checkbox"/> H-4 HIGH HAZARD (Health Hazard)	<input type="checkbox"/> R-3 RESIDENTIAL 3 (Child & Adult)
<input type="checkbox"/> A-5 ASSEMBLY (Outdoor sports, Etc.)	<input type="checkbox"/> H-5 HIGH HAZARD (HPM)	<input type="checkbox"/> R-4 RESIDENTIAL 4 (Assisted Living)
<input type="checkbox"/> B Business	<input type="checkbox"/> I-1 INSTITUTIONAL 1 (Supervised)	<input type="checkbox"/> S-1 STORAGE 1 (Moderate Hazard)
<input type="checkbox"/> E Education	<input type="checkbox"/> I-2 INSTITUTIONAL 2 (Hospital Etc.)	<input type="checkbox"/> S-2 STORAGE 2 (Low Hazard)
<input type="checkbox"/> F-1 FACTORY (Moderate Hazard)	<input type="checkbox"/> I-3 INSTITUTIONAL 3 (Prisons Etc.)	<input type="checkbox"/> U UTILITY (Miscellaneous)
<input type="checkbox"/> F-2 FACTORY (Low Hazard)	<input type="checkbox"/> I-4 INSTITUTIONAL 4 (DayCare Etc.)	

Alteration, repairs and additions- Provide a description of the work to be covered by the building permit. As examples; 20,000 square foot school roof covering, building a 2,300 square foot addition, replace 5 exterior doors, renovate basement in residence, etc.

V. Building Data

A. Type of Mechanical

Gas Oil Electricity Coal Other

Will there be air conditioning Yes No Will there be fire suppression Yes No

B. Type of Construction

<input type="checkbox"/> 1A- Non Combustible (Protected Structural Elements) 3HR	<input type="checkbox"/> 1B- Non Combustible (Rated Structural Elements) 2HR	<input type="checkbox"/> 2A- Non Combustible (Rated Structural Elements) 1 HR
<input type="checkbox"/> 2B- Non Combustible (Non Rated Structural Elements)	<input type="checkbox"/> 3A- Non Combustible (Exterior Walls Only)	<input type="checkbox"/> 3B- Non Combustible (Bearing Walls Rated)
<input type="checkbox"/> 4- Heavy Timber	<input type="checkbox"/> 5A- Combustible (Structural Elements Rated) 1HR	<input type="checkbox"/> 5B- Combustible (All Elements Not Rated)

C. Dimensions/Data

Floor Area:	Existing	Alterations	New
Basement	_____	_____	_____
1st & 2nd Floor	_____	_____	_____
3rd - 10th Floor	_____	_____	_____
11th and Above	_____	_____	_____
TOTAL AREA			

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G. NUMBER OF OFF STREET PARKING SPACES

Enclosed _____ Outdoors _____

Osceola County

VI. Signature

I HERBY CERITFY THAT THE PROPOSED WORK IS AUTHORIZED BY THE OWNER OF RECORD AND THAT I HAVE BEEN AUTHORIZED BY THE OWNER TO MAKE THIS APPLICATION AS HIS/HER AUTHORIZED AGENT, AND WE AGREE TO CONFORM TO ALL APPLICABLE LAWS OF THE STATE OF MICHIGAN. ALL INFORMATION SUBMITTED ON THIS APPLICATION IS ACCURATE TO THE BEST OF MY KNOWLEDGE.

Section 23a of the state construction code act of 1972, 1972 PA 230, MCL 125.1523a, prohibits a person from conspiring to circumvent the licensing requirements of this state relating to persons who are to perform work on a residential building or a residential structure. Violators of section 23a are subjected to civil fines

SIGNATURE OF OWNER(Required)	TYPE OF PRINT
SIGNATURE OF OWNERS AGENT	TYPE OF PRINT
Plan Review Fee Enclosed	Building Permit Fee Enclosed

VII. LOCAL GOVERNMENTAL AGENCY TO COMPLETE THIS SECTION

ENVIRONMENTAL CONTROLS APPROVALS

	REQUIRED	APPROVED	DATE	NUMBER	BY
A. ZONING	[] Yes [] No				
B. FIRE DISTRICT	[] Yes [] No				
C. POLLUTION CONTROL	[] Yes [] No				
D. NOISE CONTROL	[] Yes [] No				
E. SOIL EROSION	[] Yes [] No				
F. FLOOD ZONE	[] Yes [] No				
G. WATER SUPPLY	[] Yes [] No				
H. SEPTIC SUPPLY	[] Yes [] No				
I. VARIANCE GRANTED	[] Yes [] No				
J. DRIVEWAY	[] Yes [] No				

VIII. VALIDATION- For Department Use Only

USE GROUP _____	APPLICATION FEE (non-refundable) _____
TYPE OF CONSTRUCTION _____	NUMBER OF INSPECTIONS _____
SQUARE FEET _____	CERTIFICATE OF OCCUPANCY _____
Approval Signature _____	
Title _____	Date _____

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Osceola County

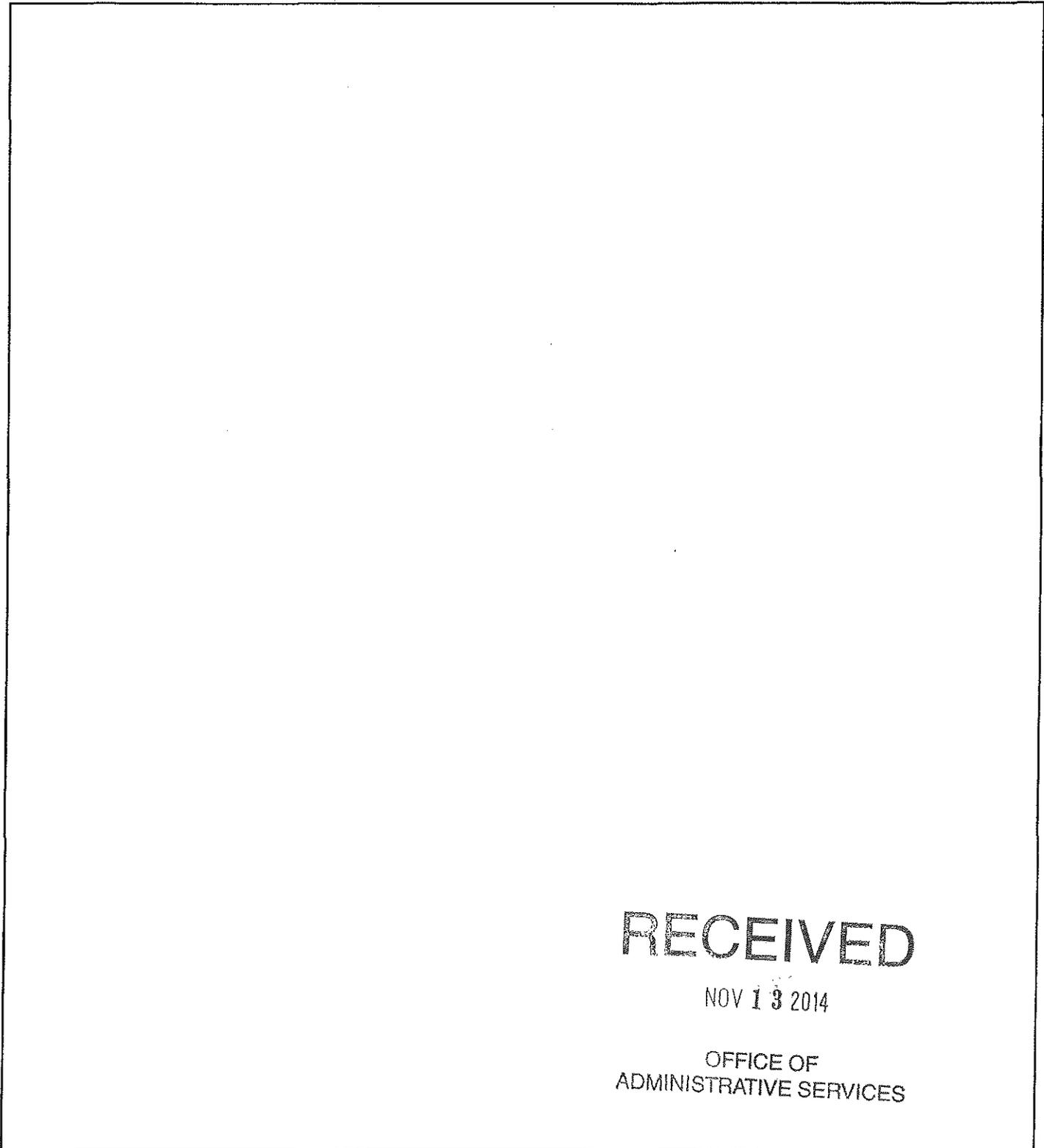
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IX. SITE OR PLOT PLAN FOR APPLICANT USE

PLEASE SHOW:

PLACEMENT OF PROJECT
DISTANCE TO OTHER BUILDINGS
DISTANCE FROM LOT LINES
PLACEMENT OF DRIVEWAY

NORTH



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SOUTH

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ELECTRICAL PERMIT APPLICATION

1B
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OSCEOLA COUNTY BUILDING DEPARTMENT

POWER CO

4323 220th AVENUE

7-1-13

PROPERTY #

NOV 13 2014

REED CITY, MICHIGAN 49677

(231) 832-6118

AUTHORITY: P.A. 230 OF 1972, AS AMENDED
COMPLETION: MANDATORY TO OBTAIN PERMIT
PENALTY: PERMIT CAN NOT BE ISSUED

I. JOB LOCATION

OFFICE OF ADMINISTRATIVE SERVICES

Name of Owner/Agent	Has a building permit been obtained for this project? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required		
Street Address & Job Location (Street No. and Name)	City/Village	Township	County OSCEOLA

II. CONTRACTOR/HOMEOWNER INFORMATION

<input type="checkbox"/> Contractor <input type="checkbox"/> Homeowner	Name	State License Number	Expiration Date
Address		State Registration Number	Local Licensing Jurisdiction
City	State	Zip Code	Local License Number Expiration Date
Telephone Number		Federal Employer ID Number (or reason for exemption)	
Workers Compensation Insurance Carrier (or reason for exemption)		MESC Employer Number (or reason for exemption)	

III. TYPE OF JOB

<input type="checkbox"/> Single Family	<input type="checkbox"/> New	<input type="checkbox"/> Service Only	<input type="checkbox"/> Premanufactured Home Setup (State Approved)	<input type="checkbox"/> State Owned
<input type="checkbox"/> Other	<input type="checkbox"/> Alteration	<input type="checkbox"/> Special Inspection	<input type="checkbox"/> Manufactured Home Setup (HUD Mobile Home)	<input type="checkbox"/> School

IV. PLAN REVIEW REQUIRED

Plans must be submitted with an Application for Plan Examination and the appropriate deposit before a permit can be issued, except as listed below.

Have plans been submitted? YES NO NOT REQUIRED

- When the electrical system rating does not exceed 400 amps and the building is not over 3,500 square feet in area.
- Work completed by a governmental subdivision or state agency costing less than \$15,000.00.

What is the rating of the service or feeder in ampere? _____

What is the building size in square feet? _____

Plans are required for all other building types and shall be prepared by or under the direct supervision of an architect or engineer licensed pursuant to Act No. 299 of the Public Acts of 1980, as amended, and shall bear that architect's or engineer's signature and seal.

V. APPLICANT SIGNATURE

Section 23a of the state construction code act of 1972, 1972 PA 230, MCL 125.1523A, prohibits a person from conspiring to circumvent the licensing requirements of this state relating to persons who are to perform work on a residential building or a residential structure. Violators of section 23a are subjected to civil fines.

Signature of Licensee or Homeowner (Homeowner signature indicates compliance with Section VI. Homeowner Affidavit)

Date

VI. HOMEOWNER AFFIDAVIT

I hereby certify the electrical work described on this permit application shall be installed by myself in my own home in which I am living or about to occupy. All work shall be installed in accordance with the State Electrical Code **shall not be enclosed, covered up, or put into operation until it has been inspected and approved** by the County Electrical Inspector. I will cooperate with the County Electrical Inspector and assume the responsibility to arrange for necessary inspections.

	FEE	#ITEMS	TOTAL		FEE	#ITEMS	TOTAL
1. Application Fee (non-refundable)	\$75.00	1	\$75.00	K.V.A., and Solar Arrays			
Service:				19. Units up to 20 K.V.A. & H.P.	\$6.00		
2. Through 200 Amp.	\$10.00			20. Units 21 to 50 K.V.A. or H.P.	\$10.00		
3. Over 200 Amp. Thru 600 Amp.	\$15.00			21. Units 51 K.V.A. or H.P. and over	\$12.00		
4. Over 600 Amp. Thru 800 Amp.	\$20.00			Fire Alarm Systems (not smoke detectors)	\$50.00		
5. Over 800 Amp. Thru 1200 Amp.	\$25.00			22. Up to 10 devices			
6. Over 1200 Amp. GFI only	\$50.00			23. 11 to 20 devices	\$100.00		
7. Circuits	\$5.00			24. Over 20 devices	\$5.00 ea.		
8. Lighting Fixtures-per 25	\$6.00			Data/Telecommunications Outlets ***	\$5.00 ea.		
9. Dishwasher	\$5.00			31. 1-19 devices			
10. Furnace-Unit Heater	\$5.00			32. 20-300 devices	\$100.00		
11. Electrical Heating Units (baseboard)	\$4.00			33. Over 300 devices	\$300.00		
12. Power Outlets (ranges, dryer, etc.)	\$7.00			Energy Management Temp. Control	\$45.00		
Signs:				25. Energy Retrofit-Temp. Control			
13. Unit	\$10.00			34. Devices-Energy Management	\$5.00 ea.		
14. Letter	\$15.00			26. Conduit only or grounding	\$45.00		
15. Neon	\$20.00			Inspections:			
16. Feeders-Bus Ducts, etc.-per 50'	\$6.00			27. Special Insp. (pertaining to sale of bldg) (does not include an electrical service insp.)	\$75.00		
17. Mobile Home Park Site*	\$6.00			28. Additional Inspection	\$75.00		
18. Recreational Vehicle Park Site	\$4.00			29. Final Inspection	\$75.00	1	\$75.00
				30. Certification Fee	\$30.00		
				Total Fee (Must include the \$75.00 non-refundable application fee and final inspection fee)			
				Make Checks Payable to "Osceola County Building Department"			

*See VII. Fee Clarification Item #17 above.

*** The Michigan Electrical Code Rule no longer contains requirements to permit and inspect data/telecommunications wiring; therefore this section is voluntary.

VIII. INSTRUCTIONS FOR COMPLETING APPLICATION

GENERAL: Electrical work shall not be started until the application for permit has been filed with Osceola County. All installations shall be in conformance with the State Electrical Code. No work shall be concealed until it has been inspected. The telephone number for the inspector will be provided on the permit form. When ready for an inspection, call the inspector providing as much advance notice as possible. The inspector will need the job location and permit number.

EXPIRATION OF PERMIT: A permit remains valid as long as work is progressing and inspections are requested and conducted. A permit shall become invalid if the authorized work is not commenced within six months after issuance of the permit or if the authorized work is suspended or abandoned for a period of six months after the time of commencing the work. **A PERMIT WILL BE CLOSED WHEN NO INSPECTIONS ARE REQUESTED AND CONDUCTED WITHIN 180 DAYS OF THE DATE OF ISSUANCE OR THE DATE OF A PREVIOUS INSPECTION. CLOSED PERMITS CANNOT BE REFUNDED. THE CHARGE TO RE-OPEN A CLOSED PERMIT IS \$75.00**

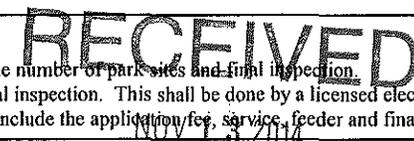
WHERE TO SUBMIT APPLICATION: This application should be submitted to the Osceola County Building Department, Attention- Electrical Inspector, 4323 220th Avenue, Reed City, Michigan 49677. Questions regarding this application or code questions may be directed to the Inspections Department at (231) 832-6118.

IX. FEE CLARIFICATIONS

ITEM #17, MOBILE HOME UNIT SITE:

When installing a site service in a park, the permit application must include the application fee, service, plus the number of park sites and final inspection. When setting a HUD mobile home in a park, a permit must include the application fee, service, feeder and final inspection. This shall be done by a licensed electrical contractor. When setting a HUD mobile home or a premanufactured home on private property, a permit must include the application fee, service, feeder and final inspection.

Osceola County will not discriminate against any individual or group because of race, sex, religion, age, national origin, color, marital status, handicap or political beliefs.



OFFICE OF ADMINISTRATIVE SERVICES

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PLUMBING PERMIT APPLICATION

1 JB
3 A

OSCEOLA COUNTY BUILDING DEPARTMENT

4323 220th AVENUE

7-1-13

PROPERTY #

NOV 13 2014

REED CITY, MICHIGAN 49677

(231) 832-6118

AUTHORITY: P.A. 230 OF 1972, AS AMENDED
COMPLETION: MANDATORY TO OBTAIN PERMIT
PENALTY: PERMIT CAN NOT BE ISSUED

I. JOB LOCATION

OFFICE OF

www.osceola-county.org/

Name of Owner/Agent ADMINISTRATIVE SERVICES		Has a building permit been obtained for this project? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NOT REQUIRED	
Street Address & Job Location (Street No. and Name)		City/Village	Township
		County OSCEOLA	

II. CONTRACTOR/HOMEOWNER INFORMATION

<input type="checkbox"/> Contractor <input type="checkbox"/> Master	<input type="checkbox"/> Homeowner <input type="checkbox"/> Water Treatment Installer	Name of Plumbing Contractor or Homeowner	Contractor License #	Expiration Date
Address		City	State	Zip Code
Telephone Number		Federal Employer ID Number (or reason for exemption)		
Workers Compensation Insurance Carrier (or reason for exemption)		MESC Employer Number (or reason for exemption)		
Name of Master Plumber		Master License Number	Expiration Date	
Business/Branch Address		City	State	Zip Code

III. TYPE OF JOB

<input type="checkbox"/> Single Family	<input type="checkbox"/> New	<input type="checkbox"/> Sewer Only	<input type="checkbox"/> Water Service Only	<input type="checkbox"/> Premanufactured Home Setup (State Approved)	<input type="checkbox"/> State Owned
<input type="checkbox"/> Other	<input type="checkbox"/> Alteration	<input type="checkbox"/> Special Inspection	<input type="checkbox"/> Manufactured Home Setup (HUD Mobile Home)	<input type="checkbox"/> School	

IV. PLAN REVIEW REQUIRED

Plans must be submitted with an Application for Plan Examination and the appropriate deposit before a permit can be issued, except as listed below.

Plans are **not required** for the following:

- One-and-two-family dwelling containing not more than 3,500 square feet of building area.
- Alterations and repair work determined by the plumbing official to be of a minor nature.
- Buildings with a required plumbing fixture count less than 12.
- Work completed by a governmental subdivision or state agency costing less than \$15,000.00

If work being performed is described above, check box below. **Plans Not Required**

Plans are required for all other building types and shall be prepared by or under the direct supervision of an architect or engineer licensed pursuant to 1980 PA 299 and shall bear that architect=s or engineer=s signature and seal.

Plan Review Submission No. _____

Plans Not Required

V. APPLICANT SIGNATURE

Section 23a of the state construction code act of 1972, 1972 PA 230, MCL 125.1523A, prohibits a person from conspiring to circumvent the licensing requirements of this state relating to persons who are to perform work on a residential building or a residential structure. Violators of section 23a are subjected to civil fines.

Signature of Plumbing Contractor, Master Plumber, Water Treatment Installer, or Homeowner (Homeowner signature indicates compliance with Section VI Homeowner Affidavit)	Date
--	------

VI. HOMEOWNER AFFIDAVIT

I hereby certify the plumbing work described on this permit application shall be installed by myself in my own home in which I am living or about to occupy. All work shall be installed in accordance with the State Plumbing Code shall not be enclosed, covered up, or put into operation until it has been inspected and approved by the County Plumbing Inspector. I will cooperate with the County Plumbing Inspector and assume the responsibility to arrange for necessary inspections.

VIIa. FEE CLARIFICATION

ITEM #2, MOBILE HOME UNIT SITE: WHEN items is used for sewer excavations in a new park, the permit application should include the application fee plus the number of unit sites. WHEN setting a mobile home in a park, or a mobile or modular home on private property, a permit should include the application fee, a sewer or building drain and a water service or water distribution pipe. Any fixtures added to basement or underground work need to be added to permit.

COMPLETE APPLICATION ON BACK SIDE

VIIb. FEE CLARIFICATION

1B

ITEM #3, FIXTURES, FLOOR DRAINS, SPECIAL DRAINS, & WATER CONNECTED APPLIANCES INCLUDE:

Water Closets	Sink (any description)	Slop Sink	Drinking Fountain	Floor Drain	Water Outlet or Connection to any Make-Up Water Tank
Bathtub	Emergency Eye Wash	Bidet	Condensate Drain	Roof Drain	Water Outlet or Connection to Heating System
Lavatories	Emergency Shower	Cuspidor	Washing Machine	Grease Trap	Water to Outlet or Connection to Filters
Shower Stall	Garbage Grinder	Dishwasher	Acid Waste Drain	Starch Trap	Connection to Sprinkler System (Irrigation)
Laundry Tray	Water Outlet Cooler	Refrigerator	Embalming Table	Plaster Trap	Water Connected Sterilizer
Urinal	Ice Making Machine	Water Heater	Bed Pan Washer	Water Softner	Water Connected Dental Chair
Autopsy	Water Connected Still			Water Connection	to Carbonated Beverage Dispenser

PLUS ANY OTHER FIXTURE, DRAIN, OR WATER CONNECTED APPLIANCE NOT SPECIFICALLY LISTED

ITEM #25, DOMESTIC WATER TREATMENT AND FILTERING EQUIPMENT: A license is not required for the installation of domestic water treatment and filtering equipment that requires modification to an existing cold water distribution supply and associated waster piping in buildings if a permit is secured, required inspections performed, and the installation complies with the applicable code. If the enforcing agency determines a violation exists, it shall be corrected by the responsible installer. The permit application shall include the application fee, the number of water treatment devices recorded in item #25 (see item 3) for \$5.00 each, and the appropriate water distribution pipe (system) size fee.

ITEM #26, MEDICAL GAS SYSTEMS shall include the application fee, one Special/Safety Inspection-Medical Gas System #26 (see item #21), and the estimated number of additional inspections in #22.

VIII. FEE CHART- Enter the number of items being installed, multiply by the unit price for total fee.

	FEE	#ITEMS	TOTAL		FEE	#ITEMS	TOTAL
1. Application Fee (non-refundable)	\$75.00		\$75.00	13. Manholes, Catch Basins	\$5.00 each		
2. Mobile Home Park Site*	\$5.00 each			Watering Distributing Pipe (system)			
3. Fixtures, floor drains, special drains, water connected appliances	\$5.00 each			14. 3/4" Water Distribution Pipe	\$ 5.00		
4. Stacks (soil, waste, vent and conductors)	\$3.00 each			15. 1" Water Distribution Pipe	\$10.00		
5. Sewage ejectors, sumps	\$5.00 each			16. 1 1/4" Water Distribution Pipe	\$15.00		
6. Sub-soil drains	\$5.00 each			17. 1 1/2" Water Distribution Pipe	\$20.00		
Water Service 7. Less than 2"	\$ 5.00			18. 2" Water Distribution Pipe	\$25.00		
8. 2" to 6"	\$25.00			19. Over 2" Water Distribution Pipe	\$30.00		
9. Over 6"	\$50.00			20. Reduced pressure zone back-flow preventer	\$5.00 each		
10. Connection bldg. Drain-bldg. sewers	\$ 5.00			21. Domestic water treatment and filtering Equipment only**	\$5.00 each		
Sewers (sanitary, storm, or combined)	\$ 5.00			22. Medical Gas System	\$45.00		
11. Less than 6"				23. Special Inspections (pertaining to a sale)	\$75.00		
12. 6" and Over	\$25.00			24. Additional Inspection	\$75.00		
13. Manholes, Catch Basins	\$5.00 each			25. Final Inspection	\$75.00		\$75.00
				26. Certification Fee	\$30.00		

TOTAL FEES

IX. INSTRUCTIONS FOR COMPLETING APPLICATION

GENERAL: Plumbing work shall not be started until the application for permit has been filed with Osceola County. All installations shall be in conformance with the State Plumbing Code. No work shall be concealed until it has been inspected. The telephone number for the inspector will be provided on the permit form. When ready for an inspection, call the inspector providing as much advance notice as possible. The inspector will need the job location and permit number.

EXPIRATION OF PERMIT: A permit remains valid as long as work is progressing and inspections are requested and conducted. A permit shall become invalid if the authorized work is not commenced within six months after issuance of the permit or if the authorized work is suspended or abandoned for a periods of six months after the time of commencing the work. A PERMIT WILL BE CLOSED WHEN NO INSPECTIONS ARE REQUESTED AND CONDUCTED WITHIN 180 DAYS OF THE DATE OF ISSUANCE OR THE DATE OF A PREVIOUS INSPECTION. CLOSED PERMITS CANNOT BE REOPENED. THE CHARGE TO RE-OPEN A CLOSED PERMIT IS \$75.00

WHERE TO SUBMIT APPLICATION: This application should be submitted to the Osceola County Building Department, Attention: Plumbing Inspector, 4323 220th Avenue, Reed City, Michigan 49677. Questions regarding this application or code questions may be directed to the Inspections Department at (231) 832-6718.

Osceola County will not discriminate against any individual or group because of race, sex, religion, age, national origin, color, marital status, handicap or political beliefs.

NOV 18 2010
OFFICE OF
ADMINISTRATIVE SERVICES

OSCEOLA COUNTY 2014 EXPENDITURE PROCEDURES

1. GENERAL DEFINITIONS:

Supplies – shall mean and include all supplies and materials needed in the normal course of business by the County.

Equipment – shall include any item needed in the normal course of business that could be classified as a fixed asset.

Professional Services – shall mean and include professional services which require a special license or insurance, emergency repairs, or other contractual services which are by nature unique and not subject to competition.

County Purchasing Agent – The County Coordinator shall be responsible for the purchase and sale of all County Property under the direction of the County Board of Commissioners and this policy.

2. DEFICIT SPENDING IN LINE ITEMS

A. Department heads may transfer funds from one line-item to another within the same department number, excluding payroll/benefit line-items, by submitting a **Budget Amendment** request to the **County Treasurer**, who in turn will submit a bi-monthly report to the Committee of the Whole and/or Board of Commissioners for approval. Funds transferred between departments or related to payroll/benefits must be approved by the Committee of the Whole and/or the Board of Commissioners. **Under no circumstances may a department head overspend the budget allocations**, whether by account or activity. As soon as a department head realizes that spending will exceed a budget allocation, a request for a budget supplement should be prepared stating the amount and reason for the overrun.

B. Budget changes in any Personnel or Capital Outlay line item shall require the recommendation of the Committee of the Whole and/or approval of the Board of Commissioners.

3. PURCHASE ORDER/VOUCHER APPROVALS

\$ 0 - \$250	Department Head purchases office supplies and equipment. All equipment requires a purchase order and must be inventoried if it has a value greater than \$50.
\$250 - \$5,000	Approval and Purchase order signed by County Coordinator. Requires three quotes (when possible).
\$5,000 to \$10,000	Approval by Osceola County Board of Commissioners. Requires three quotes.
\$10,000 to \$19,999	Sealed bids required.
\$20,000 and above	Sealed bids and advertising required. All projects within this range require a performance bond be submitted as part of the bid.

4. GENERAL OFFICE AND OPERATING SUPPLIES

General use office supplies shall be purchased by the department head in bulk for maximization of cost savings when possible or by networking with other county departments utilizing the products when possible.

Department Heads – shall have the authority to purchase any supplies or materials that are needed in the day to day operation of their departments up to a cost of **\$250**, providing that the funds are available within the appropriate departmental line item and a purchase order is obtained where required.

The department head is required to sign all invoices and submit them to the office of the County Clerk for payment. INVOICES NOT SIGNED BY THE DEPARTMENT HEAD WILL NOT BE PAID

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County Coordinator – shall have the authority to purchase any supplies or materials that are needed in the day to day operation of the county departments exceeding \$250 but under \$5,000, providing that the funds are available within the departmental budgets.

All purchases will utilize the lowest price for the best quality whenever possible. **Local vendors can receive a preference if all bids relating to the specified project or purchase are reasonably similar and within 5% of the lowest bid.**

5. **EQUIPMENT AUTHORIZED**

A. **A purchase order will be required for all equipment purchases.** Equipment items with a unit cost of under \$ 500.00 may be purchased by the department head if funds have been appropriated in the budget and three price quotes have been obtained.

Items costing over \$ 500.00 but under \$5,000 will require competitive bids based on specifications developed by the department head and Coordinator and shall be approved by the **County Coordinator**. The County Coordinator may approve contracts and agreements for equipment or maintenance agreements up to \$5,000.

Items with a unit cost of over \$5,000 will require competitive bids based on specifications developed by the department head and Coordinator and approved by the appropriate committee of the Board of Commissioners or the Purchasing Agent (County Coordinator). The Purchasing Agent or their designee shall be responsible for submitting bids to vendors. Bids over \$5,000 shall be awarded by the **Board of Commissioners**.

Department Heads may use the State of Michigan Auction process, waiving the step of prior Board of Commissioners approval, to purchase equipment and vehicles as long as they do not exceed the budgeted appropriation and have checked with local vendors for bids. A purchase order shall be completed upon the finalization of the purchase and the equipment or vehicle will be inventoried according to this policy.

All equipment purchases valued \$50.00 or more must be inventory tagged for insurance purposes.

6. **EQUIPMENT NOT AUTHORIZED**

If a department head desires to purchase equipment **or supplies** not authorized in the budget, a request for authorization to purchase shall be submitted to the County Coordinator's Office in writing, including item specifications and estimated cost. If the item can be paid for by surplus funds in the department's line item or by internal transfer of funds within the department budget, the request shall require only the approval of the appropriate committee of the Board of Commissioners. Purchases that require a line item supplement from other resources shall require the additional approval of the Board of Commissioners acting upon recommendation of the Committee of the Whole. The rules on price quotes, bids and purchase orders in paragraph three shall also be followed.

7. **OFFICE EQUIPMENT AND FURNITURE RENTAL OR PURCHASE AUTHORIZED IN BUDGET**

All office equipment and furniture authorized in the budget shall be purchased by the Purchasing Agent on a purchase order, based on specifications developed by the department head and the Purchasing Agent. The Purchasing Agent or their designee shall have responsibility to seek price quotes or bids as appropriate. Bids over \$5,000 shall be awarded by the Board of Commissioners. Invoices for office equipment and furniture purchases shall be *reviewed* by the Purchasing Agent, then forwarded to the department head for approval and submission for payment.

Equipment Leases – If a department is currently leasing a piece of equipment, a like replacement piece of equipment may be leased at the same or lower cost without prior approval from the Committee of the Whole. The purchasing policy must still be followed with quotes received on similar machines presented to the County Coordinator. **The lease contract under this criterion must be presented at a Board of Commissioners meeting for the Board Chairperson's signature.**

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If the new lease contract amount is over the current amount or a lease contract is for a different type of equipment, a request must be presented to the Committee of the Whole for consideration and final approval by the Board of Commissioners.

8. **OFFICE EQUIPMENT AND FURNITURE RENTAL OR PURCHASE NOT AUTHORIZED IN BUDGET.**

If a department head desires to purchase or rent office equipment or furniture not authorized in the budget, the procedure outlined in paragraph three and five above shall be followed, except that a recommendation to purchase will be made by the Committee of the Whole.

9. **ADVANCE PAYMENT OF BILL PRIOR TO ACCOUNTS PAYABLE PROCESSING.**

The County Clerk is authorized to issue a check prior to the Board review for a cash advance for travel/training expenses, with the approval of the Department Head and authorization of the Board of Commissioners. A cash advance must be requested on a voucher, and receipts must be submitted upon return to document use of the travel/training expense. All unused funds and undocumented expenses must be reimbursed to the County.

10. **AUDIT PROCEDURES**

1. **All bills and claims** - must be signed or initialed by the department head and line-item coded. Sufficient funds must be in the line item budget to cover cost of the purchases charged, or have prior approval of the Board of Commissioners.

2. **Vendor Bills** - are paid on an itemized invoice only. The Board will disallow claims submitted on a statement of account. This is to permit the Board to ascertain that a charge is for County use. This invoice must contain a description of the supplies, services, materials or equipment charged, as well as the cost.

3. **Personal Expense Reimbursement** - must be submitted on a County Travel expense voucher. A receipt must be attached to the voucher to support all reimbursement claims for meals, lodging and public transportation.

3a. **Meals** - the County will reimburse for meal expenses for employees who must be outside of Osceola County because of County business according to County policy.

3b. **Mileage** - the County will reimburse employees who drive their personal vehicle for County business. Normal travel between the employee's home and place of work is not a permitted expense. Therefore, all mileage claimed must describe the point of departure and the employee's destination, as well as the exact mileage between these two points. Claims for mileage reimbursement shall show only travel originating from the employee's official work station to the travel destination. Travel must terminate back at the employee's official work station. This rule does not mean that employees must always drive to their work station prior to beginning County travel, nor does this mean that employees must always return to their work station after finishing County travel. However, a mileage reimbursement shall only be made from the work station to the travel destination, and return to the work station.

Exception: Salaried (NOT HOURLY) employees who must report to their work station at times other than normal working hours, (i.e., meetings) may request reimbursement for travel from home to the work station and return to home. Hourly employees do not receive travel for overtime work because they must receive compensatory time off or be paid at time and one-half wages for any work over forty hours per week.

3c. Conference Travel is defined as:

Expenses related to County personnel attending a preplanned conference, seminar, workshops, etc., relating to and benefiting both the employee and the County as a whole. Expenses budgeted for conference travel should include any or all of the following (as may be appropriate):

Registration, fees, materials, lodging, meals, mileage and airfare.

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Requests for Conference Travel funds to be included in a departmental budget must be made annually during the budget hearings. Approved Conference Travel will be listed by Department in the budget. Conferences attended by employees that do not have the prior funding authorization will be at the employee's own expense.

County personnel may obtain advance funds to attend conferences. Requests for advances must be made no later than ten days (10) prior to the date of the conference.

Upon returning from a conference, an expense voucher must be prepared and submitted to the Committee of the Whole at the next scheduled meeting with receipts attached detailing actual expenses plus any expenses incurred in addition to the advance payment.

Payment cannot be made for Conference Travel Expense that would exceed the authorized line item total without prior committee approval and the transfer of appropriate funds. Conference travel expenses cannot be charged to other departmental line items.

11. **VEHICLES**

Handled like any other major equipment purchased in regard to formal bidding procedures. See paragraph three and five.

12. **CARRY-FORWARD BALANCES**

Funds appropriated but not expended within a given year revert to the General Fund, unless encumbered by contract or Board of Commissioners *or through Special Fund allocations*.

13. **FAILURE TO COMPLY WITH THE PURCHASING POLICY**

Deduction of a monetary amount equal to the amount of the purchase made shall be made from a department's budget in addition to payment of the invoice, upon review by the Board of Commissioners, if a purchase is made that did not follow the procedure outlined in the County's Purchasing policy.

Approved by Board of Commissioners on November 5, 2013.

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OFFICE OF
ADMINISTRATIVE SERVICES



COUNTY COORDINATOR'S OFFICE

Susan M. Vander Pol, County Coordinator
Jody Waurzyniak, Administrative Aide/Bookkeeper

301 West Upton
Reed City MI 49677
(231) 832-6196; (231) 832-6197 FAX
oscadmin@osceolacountymi.com

Osceola County Building Inspection Services Summary Breakdown of Hourly Costs for Plan Reviews or Inspections

Building:	Plan Review or Inspection Services:	\$ 110.51 per hour
Electrical:	Plan Review or Inspection Services:	\$ 104.03 per hour
Plumbing:	Plan Review or Inspection Services:	\$ 101.47 per hour
Mechanical:	Plan Review or Inspection Services:	\$ 105.50 per hour ✓

** Note: hourly rates do not include all capital projects and requests for the Building Department operations

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A1 Osceola County

2014 PROJECTIONS

MECHANICAL

Indirect costs \$21,846.00
 clerical support \$31,180.00
 \$3,128.00
 \$3,118.00
 \$16,000.00
 \$1,152.00
 \$250.00
 \$95.00
 \$1,800.00
 \$1,200.00
 \$100.00
 \$450.00
 \$50.00
 \$350.00
 \$500.00
 \$150.00
 \$18,402.75
 \$150.00

ELECTRICAL

Indirect costs \$21,846.00
 clerical support \$31,180.00
 \$3,128.00
 \$3,118.00
 \$16,000.00
 \$1,152.00
 \$250.00
 \$95.00
 \$1,800.00
 \$1,200.00
 \$100.00
 \$450.00
 \$50.00
 \$350.00
 \$500.00
 \$150.00
 \$21,919.72
 \$150.00

PLUMBING

Indirect costs \$21,846.00
 clerical support \$31,180.00
 \$3,128.00
 \$3,118.00
 \$16,000.00
 \$1,152.00
 \$250.00
 \$95.00
 \$1,800.00
 \$1,200.00
 \$100.00
 \$450.00
 \$50.00
 \$350.00
 \$500.00
 \$100.00
 \$9,160.48
 \$100.00

BUILDING

Indirect costs \$21,846.00
 clerical support \$31,180.00
 \$3,128.00
 \$3,118.00
 \$16,000.00
 \$1,152.00
 \$250.00
 \$95.00
 \$1,800.00
 \$1,200.00
 \$100.00
 \$450.00
 \$50.00
 \$350.00
 \$500.00
 \$150.00
 \$32,807.05
 \$150.00

INSPECTOR HOURLY RATE COST

Total Program Direct. County \$18,552.75
 library / books \$1,000.00
 Capital/Office/ (computer/printers, copier, etc) \$756.00
 \$20,308.75
 Permits: 200
 Avg \$ 200
 Insp. Comp @ 60% \$40,000.00
 \$24,000.00
 \$16,000.00
 2 hours each permit for inspections 400
 1 hour for each plan review (1/2Dth of permits) 20

\$165.50

Total Program Direct. County \$22,069.72
 library / books \$1,000.00
 Capital/Office/ (computer/printers, copier, etc) \$672.00
 \$23,741.72
 Permits: 250
 Avg \$ 190
 Insp. Comp @ 65% \$47,500.00
 \$30,875.00
 \$16,625.00
 2 hours each permit for inspections 500
 1 hour for each plan review (1/2Dth of permits) 25

\$105.03

Total Program Direct. County \$9,260.48
 library / books \$1,000.00
 Capital/Office/ (computer/printers, copier, etc) \$908.00
 \$10,568.48
 Permits: 110
 Avg \$ 180
 Insp. Comp @ 65% \$19,800.00
 \$12,870.00
 \$5,930.00
 2 hours each permit for inspections 220
 1 hour for each plan review (1/2Dth of permits) 11

\$104.42

Total Program Direct. County \$32,857.05
 library / books \$1,000.00
 Capital/Office/ (computer/printers, copier, etc) \$1,064.00
 \$34,321.05
 Permits: 300
 Avg \$ 234
 Lake Co. Cont. @ 50% \$70,200.00
 \$35,100.00
 Remaining for Program Exp. \$13,100.00
 2 hours each permit for inspections 600
 1 hour for each plan review (1/2Dth of permits) 300

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 OFFICE OF
 ADMINISTRATIVE SERVICES



COUNTY COORDINATOR'S OFFICE

Susan M. Vander Pol, County Coordinator
Jody Waurzyniak, Administrative Aide/Bookkeeper

301 West Upton
Reed City MI 49677
(231) 832-6196; (231) 832-6197 FAX
oscadmin@osceolacountymi.com

Osceola County is currently following the Michigan State Building Codes as follows:

- 2009 Michigan Building and Residential Building Codes
- 2011 Nation Electrical Code
- 2012 Michigan Plumbing Code

Please see the attached sheet for a summary listing of the publications we have for Mechanical Code Enforcement ✓

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Commercial - MECHANICAL

Essential Referenced Standards

Based on 2012 Michigan Mechanical Code, Chapters 15 and 16

Prepared 4/22/14

ICC	MRCEB	2009	Michigan Rehabilitation Code for Existing Buildings	\$66.00	
ICC 2011	MRC	2009	Michigan Residential Code	\$81.50	

IAR

IAR 2		1999	Addendum A (2005) to Equipment, Design, and Installation of Ammonia Mechanical Refrigerating Systems	\$80.00	IAR now publishes Standard 2-2008 w/ Addendum B
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MSS

MSS	SP-58	1993	Pipe Hangers and Supports—Materials, Design and Manufacture	\$295.00	
M/A	SP-69	2002	Pipe Hangers and Supports - Selection and Application	\$218.00	MSS now publishes SP-69-2003. Note on website says std will be withdrawn effective 3/11/14. After that date use ANSI/MSS SP-58-2009

NFPA

ICC	13	2010	Installation of Sprinkler Systems	\$95.50	
ICC	13D	2010	Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	\$46.50	
ICC	13r	2007	Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height	\$42.00	
NFPA	31	2011	Installation of Oil-Burning Equipment	\$46.50	
ICC	58	2011	Liquefied Petroleum Gas Code	\$54.50	
NFPA	96	2008	Ventilation Control and Fire Protection of Commercial Cooking Operations	\$42.00	NFPA now has 2011 and 2014 editions available
NFPA	211	2010	Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances	\$46.50	NFPA now has 2013 edition available

SMACNA

Both	SMACNA/ANSI	2005	HVAC Duct Construction Standards - Metal and Flexible	\$247.00	
	SMACNA	2003	Fibrous Glass Duct Construction Standards	\$159.00	

TOTAL: \$6,993.93

OFFICE OF ADMINISTRATIVE SERVICES

NOV 13 2014

RECEIVED

Commercial - MECHANICAL
Essential Referenced Standards
Based on 2012 Michigan Mechanical Code, Chapters 15 and 16
Prepared 4/22/14

	Standard	Year	Title	Estimated Price of Standard	Comments
	ACCA				
<i>icc</i>	Manual D	2009	Residential Duct Systems	\$88.59	
<i>icc</i>	Manual J	2011	Residential Load Calculation— Eighth Edition	\$154.95	
<i>ACCA</i>	Manual S	2010	Residential Equipment Selection	\$59.39	
<i>icc</i>	183	2007	Peak Cooling and Heating Load Calculations in Buildings Except Low-rise Residential Buildings	\$33.00	
	ASHRAE				
<i>icc</i>	15	2010	Safety Standard for Refrigeration Systems	\$107.00	ASHRAE 15 & 34 sold together
<i>icc</i>	34	2010	Designation and Safety Classification of Refrigerants		See ASHRAE 15
<i>icc</i>	62.1	2010	Ventilation for Acceptable Indoor Air Quality	\$79.00	ASHRAE now has 2013 edition available
	ASME				
	B31.3	2010	Process Piping	\$390.00	
	B36.10M	2004	Welded and Seamless Wrought Steel Pipe	\$57.00	
<i>All ASME</i>	BPVC	2007	Boiler & Pressure Vessel Code (Sections I, II, IV, V & VI)	\$4,265.00	Total for listed sections only. ASME now publishes 2013 stds. BPVC with all sections is \$13,199.97
	CSD-1	2009	Controls and Safety Devices for Automatically Fired Boilers	\$93.00	
	DOL				
	29 CFR Part 1910.1000	2009	Air Contaminants	\$0.00	free download <i>Completed.</i>
	29 CFR Part 1910.1025	2009	Toxic and Hazardous Substances	\$0.00	free download <i>Completed.</i>
	ICC				
<i>icc</i>	IFGC	2012	International Fuel Gas Code	\$76.00	
<i>icc</i>	MMC	2012	Michigan Mechanical Code	\$71.00	

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RECEIVED

Residential - MECHANICAL
Essential Referenced Standards
Based on 2009 Residential Code, Chapter 44
Prepared 4/22/14

Standard	Year	TITLE	Estimated Price of Standard	Comments
B = already on essential BUILDING list E = already on essential ELECTRICAL list F = already on essential FUEL GAS list M = already on essential MECHANICAL list N = already on essential ENERGY list P = already on essential PLUMBING list				
ACCA				
Manual D	2009	Residential Duct Systems	M	
Manula J	2011	Residential Load Calculation—Eighth Edition	M	
Manual S	2010	Residential Equipment Selection	M	
ICC				
IFGC	2012	International Fuel Gas Code	B M P	
MRCEB	2009	Michigan Rehabilitation Code for Existing Buildings	B E M P	
MMC	2012	Michigan Mechanical Code	B F M P	
MSS				
SP-58	1993	Pipe Hangers and Supports—Materials, Design and Manufacture	F M	
NFPA				
13	2010	Installation of Sprinkler Systems	B M	
13D	2010	Standard for the Installation of Sprinkler Systems in One- and Two-family Dwellings and Manufactured Homes	B M	
58	2008	Liquefied Petroleum Gas Code	B F M	
211	2010	Chimneys, Fireplaces, Vents and Solid Fuel Burning Appliances	B F M	
SMACNA				
SMACNA	2003	Fibrous Glass Duct Construction Standards	M	
TOTAL			\$0.00	

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NOV 13 2014

OFFICE OF
ADMINISTRATIVE SERVICES

Date	JNL	Type	Description	Reference #	Debits	Credits	Balance
Fund 249	BUILDING	INSPECTION	DEPARTMENT				
01/01/2011			249-371-727.000 OFFICE SUPPLIES		BEG. BALANCE		0.00
01/20/2011	AP	INV	INTERNATIONAL CODE COUNCIL INC	1267563-IN	242.50		242.50
			09 MICH BLDG CODE				
01/31/2011			249-371-727.000	END BALANCE	242.50	0.00	242.50 ✓

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OFFICE OF
ADMINISTRATIVE SERVICES

1E



International Code Council
 4051 W. Flossmoor Rd.
 Country Club Hills IL 60478
 888-422-7233 x33816
 708-799-2300 x33816
 Collections@iccsafe.org

Attend a Code Council Institute or
 Webinar. For Details, go to
 www.iccsafe.org/training.

Invoice No
 INV0306423
 Invoice Date
 7/23/2013
 Due Date
 7/23/2013

CUSTOMER COPY
INVOICE

Bill To: County Of Osceola
 Susan Vanderpol
 301 W Upton Ave
 Reed City MI 49677

Ship To: County Of Osceola
 4323 220th Ave
 Reed City MI 49677

Order No. 0884533	Customer ID 5195954	Purchase Order No. 2559	Shipping Method FEDEX	Entered By dbo	Payment Terms PREPAID
----------------------	------------------------	----------------------------	--------------------------	-------------------	--------------------------

Item Number	Description	Shipped	Unit Price	Ext. Price
5000511	'11 NFPA ELECTRICAL SOFT	1	\$77.00	\$77.00

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 ADMINISTRATIVE SERVICES

Net Invoice	Sales Tax	Freight/S&H	Total	Payments	Total Amount Due
\$77.00	\$0.00	\$10.00	\$87.00	\$0.00	\$87.00



County Of Osceola
 301 W Upton Ave
 Reed City MI 49677

DETACH AND RETURN THIS PORTION WITH YOUR PAYMENT TO ENSURE PROPER CREDIT

Cust ID 5195954
 Invoice # INV0306423
 Due Date 7/23/2013
 Amount \$87.00

CHECK OR MONEY ORDER ENCLOSED
 (MAKE PAYABLE TO ICC - U.S. \$ ONLY- INCLUDE INVOICE # ON CHECK)

CHARGE TO CREDIT CARD VISA MC DISC AMEX

CARD # _____ CVV _____ Exp Date _____

STREET _____ CITY _____ STATE _____ ZIP _____

SIGNATURE _____

PRINTED NAME _____

REMIT TO:
 International Code Council, Inc.
 25442 Network Place
 Chicago Il, 60673-1254

5195954 INV0306423 0000008700 1

IE



International Code Council
 4081 W. Flossmoor Rd.
 Country Club Hills IL 60478
 888-422-7233 x33816
 708-799-2300 x33816
 Collections@iccsafe.org

Attend a Code Council Institute or
 Webinar. For Details, go to
 www.iccsafe.org/training.

Invoice No
 INV0381444
 Invoice Date
 1/13/2014
 Due Date
 1/13/2014

CUSTOMER COPY
INVOICE

Bill To: County Of Osceola
 Susan Vanderpol
 301 W Upton Ave
 Reed City MI 49677

Ship To: County Of Osceola
 Building Dept
 4323 220th Ave
 Reed City MI 49677

Order No.	Customer ID	Purchase Order No.	Ship Method	Payment Method	Payment Terms
0888121	5195954	2625	FEDEX	dba	PREPAID
Item Number	Description	Shipped	Unit Price	Ext. Price	
3200512MI	12 MICHIGAN PLUMBING CODE	1	\$89.00	\$89.00	

RECEIVED
 NOV 13 2014
 OFFICE OF
 ADMINISTRATIVE SERVICES

249,371.727.006

Net Invoice	Sales Tax	Freight/S&H	Total	Payments	Total Amount Due
\$89.00	\$0.00	\$10.00	\$99.00	\$0.00	\$99.00



County Of Osceola
 301 W Upton Ave
 Reed City MI 49677

DETACH AND RETURN THIS PORTION WITH YOUR PAYMENT TO ENSURE PROPER CREDIT

Cust ID 5195954
 Invoice # INV0381444
 Due Date 1/13/2014
 Amount \$99.00

CHECK OR MONEY ORDER ENCLOSED
 (MAKE PAYABLE TO ICC - U.S. \$ ONLY. INCLUDE INVOICE # ON CHECK)

CHARGE TO CREDIT CARD VISA MC DISC AMEX

CARD # _____ CVV _____ Exp Date _____

STREET _____ CITY _____ STATE _____ ZIP _____

SIGNATURE _____

PRINTED NAME _____

REMIT TO:
 International Code Council, Inc.
 25442 Network Place
 Chicago IL, 60673-1254

5195954 INV0381444 0000009900 6

IE



Attend a Code Council Institute or Webinar. For Details, go to www.iccsafe.org/training.

Invoice No INVO484951

Invoice Date 9/30/2014

Due Date 9/30/2014

International Code Council

4051 W. Flossmoor Rd. Country Club Hills IL 60478 888-422-7233 x33816 708-799-2300 x33816 Collections@iccsafe.org

CUSTOMER COPY

INVOICE

Bill To: County Of Osceola Susan VanderPol 301 W Upton Ave Reed City MI 49677

Ship To: Osceola County Susan Vanderpol 301 West Upton Ave Reed City MI 49677

Order No.	Customer ID	Purchase Order No.	Shipping Method	Entered By	Payment Terms
100237078	5195954	2777	FEDEX NOCHG	dbo	UPONRECEIPT
Item Number	Description	Shipped	Unit Price	Ext. Price	
8950P214	EC-ANSI/ASHRAE/ACCA STANDARD 183-2007	1	\$39.00	\$39.00	} pdf's
8950P207	EC-ANSI/ASHRAE 62.1-2010 VENTILATION PI	1	\$69.00	\$69.00	
8950P205	EC-ANSI/ASHRAE 15-2010 SAFETY REFRIGER.	1	\$89.00	\$89.00	

RECEIVED
OCT - 3 2014
BY: _____

RECEIVED
NOV 13 2014
OFFICE OF ADMINISTRATIVE SERVICES

Net Invoice	Sales Tax	Freight/S&H	Total	Payments	Total Amount Due
\$197.00	\$0.00	\$0.00	\$197.00	\$0.00	\$197.00



County Of Osceola 301 W Upton Ave Reed City MI 49677

DETACH AND RETURN THIS PORTION WITH YOUR PAYMENT TO ENSURE PROPER CREDIT

Cust ID 5195954 Invoice # INVO484951 Due Date 9/30/2014 Amount \$197.00

CHECK OR MONEY ORDER ENCLOSED (MAKE PAYABLE TO ICC - U.S. \$ ONLY- INCLUDE INVOICE # ON CHECK)

CHARGE TO CREDIT CARD VISA MC DISC AMEX

CARD # _____ CVV _____ Exp Date _____

STREET _____ CITY _____ STATE _____ ZIP _____

SIGNATURE _____

PRINTED NAME _____

REMIT TO:

International Code Council, Inc. 25442 Network Place Chicago Il, 60673-1254

5195954 INVO484951 0000019700 6

1E



International Code Council

4051 W. Flossmoor Rd.
Country Club Hills IL 60478
888-422-7233 x33816
708-799-2300 x33816
Collections@iccsafe.org

Attend a Code Council Institute or
Webinar. For Details, go to
www.iccsafe.org/training.

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INVOICE

Invoice No
INV0484277

Invoice Date
9/29/2014

Due Date
9/29/2014

Bill To: County Of Osceola
Susan Vanderpol
301 W Upton Ave
Reed City MI 49677

Ship To: County Of Osceola
Sonja Reed
4323 220th Avenue
Reed City MI 49677

Order No.	Customer ID	Purchase Order No.	Shipping Method	Entered By	Payment Terms
0918167	5195954	2770	FEDEX	dbo	PREPAID
Item Number	Description	Shipped	Unit Price	Ext. Price	
3600S12	'12 IFGC SOFT	1	\$80.00	\$80.00	
3550S09MI	'09 MICHIGAN REHAB CODE	1	\$82.50	\$82.50	
9406S10	NFPA 13-10 INSTALL SPRINKLER	1	\$95.50	\$95.50	
9430S10	NFPA 13D-10 INSTALL SPRKL 1&2	1	\$46.50	\$46.50	
9431S10	NFPA 13R-10 INSTALL SPRKL RES	1	\$42.00	\$42.00	
9434S11	NFPA 58 - 2011 LIQUEFIED PETROLEUM	1	\$54.50	\$54.50	
9302S3	MANUAL D - RES DUCT 3RD	1	\$81.95	\$81.95	
9109S8	MANUAL J:RES LOAD CALC - 8TH	1	\$144.00	\$144.00	

books

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ADMINISTRATIVE SERVICES

Net Invoice	Sales Tax	Freight/S&H	Total	Payments	Total Amount Due
\$626.95	\$0.00	\$25.08	\$652.03	\$0.00	\$652.03



County Of Osceola
301 W Upton Ave
Reed City MI 49677

DETACH AND RETURN THIS PORTION WITH YOUR PAYMENT TO ENSURE PROPER CREDIT

Cust ID 5195954
Invoice # INV0484277
Due Date 9/29/2014
Amount \$652.03

CHECK OR MONEY ORDER ENCLOSED
(MAKE PAYABLE TO ICC - U.S. \$ ONLY- INCLUDE INVOICE # ON CHECK)

CHARGE TO CREDIT CARD VISA MC DISC AMEX

CARD # _____ CVV _____ Exp Date _____

STREET _____ CITY _____ STATE _____ ZIP _____

SIGNATURE _____

PRINTED NAME _____

REMIT TO:

International Code Council, Inc.
25442 Network Place
Chicago IL, 60673-1254

5195954 INV0484277 0000065203 4

IE



International Code Council

4051 W. Flossmoor Rd.
Country Club Hills IL 60478
888-422-7233 x33816
708-799-2300 x33816
Collections@iccsafe.org

Attend a Code Council Institute or
Webinar. For Details, go to
www.iccsafe.org/training.

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INVOICE

Invoice No
INV0468382

Invoice Date
8/11/2014

Due Date
8/11/2014

Bill To: County Of Osceola
Susan Vanderpol
301 W Upton Ave
Reed City MI 49677

Ship To: County Of Osceola
Osceola County Building Department
4323 220th Ave
Attn Sonja Reed
Reed City MI 49677

Order No.	Customer ID	Purchase Order No.	Shipping Method	Entered By	Payment Terms
0914688	5195954	2738	FEDEX	dbo	PREPAID
Item Number	Description	Shipped	Unit Price	Ext. Price	
3300512MI	'12 MICHIGAN MECHANICAL CODE	1	\$89.00	\$89.00	

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AUG 14 2014
BY: _____

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NOV 13 2014
OFFICE OF
ADMINISTRATIVE SERVICES

Net Invoice	Sales Tax	Freight/S&H	Total	Payments	Total Amount Due
\$89.00	\$0.00	\$11.00	\$100.00	\$0.00	\$100.00



County Of Osceola
301 W Upton Ave
Reed City MI 49677

DETACH AND RETURN THIS PORTION WITH YOUR PAYMENT TO ENSURE PROPER CREDIT

Cust ID 5195954
Invoice # INV0468382
Due Date 8/11/2014
Amount \$100.00

CHECK OR MONEY ORDER ENCLOSED
(MAKE PAYABLE TO ICC - U.S. \$ ONLY- INCLUDE INVOICE # ON CHECK)

CHARGE TO CREDIT CARD VISA MC DISC AMEX

CARD # _____ CVV _____ Exp Date _____

STREET _____ CITY _____ STATE _____ ZIP _____

SIGNATURE _____

PRINTED NAME _____

REMIT TO:
International Code Council, Inc.
25442 Network Place
Chicago IL, 60673-1254

5195954 INV0468382 0000010000 6



ACCA
2800 S Shirlington Rd Ste 300
Arlington, VA 22206-3607
(703) 575-4477

Bill To:

Osceola County
301 W Upton Ave
Reed City, MI 49677-1149 US

Invoice

Invoice Number: 31454
Invoice Date: 10/1/2014
Invoice Due Date: 10/31/2014
Order Number: 30850

Product	Description	Qty	Unit Price	Total
Manual S® - Residential Equipment Selection (2nd Edition)		1.00	\$98.95	\$98.95
Shipping	Shipping Charges	1.00	\$13.50	\$13.50

Memo:

PO# 2771

Total: \$112.45

Customer Message:

Payments: \$0.00

Last Payment Date: -

Balance Due: \$112.45

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OFFICE OF
ADMINISTRATIVE SERVICES



American Society of Mechanical Engineers
22 Law Drive/PO Box 2900, Fairfield NJ 07007-2900 U.S.A.
Phone: 800-843-2763, 973-882-1167 Fax: 973-882-1717 Email: customercare@asme.org
E.I.D. NO.: 13-1623899 GST NO.: 126148048

INVOICE

Date: 3-Oct-2014
Bill-To: 000100746197-0

Ship-To: 000100746197

Attn: Accounts Payable
Osceola County
301 West Upton Avenue
Reed City, MI 49677

Attn: Sonja Reed
Osceola County
301 West Upton Avenue
Reed City, MI 49677

Order Number: 1075656863 Order Date: 30-Sep-2014 Invoice No: 2003345739 Purchase Order: 2772

Table with columns: Product, Status, Qty, Unit Price, Unit Discount, Discount %, Adjustment, Total. Contains 11 rows of product details including titles like 'A09112-CSD-1-12 CONT & SAF DVC AUTO FIRED BLRS' and their respective prices.

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ADMINISTRATIVE SERVICES



American Society of Mechanical Engineers
22 Law Drive/PO Box 2900, Fairfield NJ 07007-2900 U.S.A.
Phone: 800-843-2763, 973-882-1167 Fax: 973-882-1717 Email: customercare@asme.org
E.I.D. NO.: 13-1623899 GST NO.: 126148048

INVOICE

Date: 3-Oct-2014
Bill-To: 000100746197-0

Ship-To: 000100746197

Attn: Accounts Payable
Osceola County
301 West Upton Avenue
Reed City, MI 49677

Attn: Sonja Reed
Osceola County
301 West Upton Avenue
Reed City, MI 49677

Order Number: 1075656863 Order Date: 30-Sep-2014 Invoice No: 2003345739 Purchase Order: 2772

Table with columns: Product, Status, Qty, Unit Price, Unit Discount, Discount %, Adjustment, Total. Includes summary rows for Product Total, Shipping, Carrier, Total, Paid To Date, and Current Amount Due.

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OFFICE OF ADMINISTRATIVE SERVICES

Please detach the lower portion and return it with your payment. Thank you.

Customer: 000100746197-0 Osceola County
Order No.: 1075656863 Invoice No: 2003345739 Balance Due(USD): \$5,054.00

Credit Card # _____ CCV: _____ Exp. Date: ____/____/____ Amount: _____

Send payments to: ASME, Accounts Department
22 Law Drive
PO Box 2900
Fairfield, NJ 07007-2900

IE

International Institute of Ammonia Refrigeration
 1001 North Fairfax Street, Suite 503
 Alexandria, VA 22314-1797
 Phone: (703) 312-4200 Fax: (703) 312-0065
 www.iiar.org
 Federal Tax ID: 23-7245140

Invoice No. 12498

Invoice

Sold To: Osceola County
 301 W. Upton Ave.
 Reed City, MI 49677
 UNITED STATES

Ship To: Jody Waurzyniak
 4323 220th Avenue
 Reed City, MI 49677-8594
 UNITED STATES

Account No.	Purchase Order No.	Order Date	Order Number	Terms	Invoice Date	Shipping Method
126405	2773	10/6/2014	14826	On Receipt	10/6/2014	FEDEX Ground

Qty Ordered	Qty Shipped	Back-Ordered	Item Code Description	Unit Price	Extended Price
1	1		02STA-EN0203 ANSI/IIAR Standard 2-2008(Includes Addendum B)	80.00	80.00

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 ADMINISTRATIVE SERVICES

Line Item Total	Freight	Handling	Restocking/ Cancellation Fee	Tax	Subtotal	Amount Received	Amount Due
80.00	10.00	5.00			95.00	95.00	

All payments must be in U.S. Dollars and drawn on a U.S. Bank

HUNTINGTON NATIONAL BANK
REED CITY, MI 49677

74-3471724

COUNTY OF OSCEOLA
OFFICE OF COUNTY CLERK
301 W. UPTON AVE.
REED CITY, MICHIGAN 49677

No. [REDACTED]

GENERAL FUND

CHECK DATE
10/02/14

PAY EXACTLY
\$304.90

PAY ***Three Hundred Four and 90/100 Dollars*****

TO THE
ORDER OF

MANUFACTURERS STANDARDIZATION
SOCIETY
127 PARK STREET, NE
VIENNA

VA 22180-4602

COUNTY
CLERK

NOT VALID 60 DAYS FROM DATE

WARNING: THIS CHECK VALID ONLY IF CHECK
MICR BLEEDS THROUGH TO THE BACK OF THIS CHECK.

COUNTY
TREASURER:

WARNING: THIS CHECK VALID ONLY IF CHECK
MICR BLEEDS THROUGH TO THE BACK OF THIS CHECK.

OSCEOLA COUNTY GENERAL FUND

No. [REDACTED]

Date	Invoice	Description/Detail	Amount
10/02/2014	9-26-14/MSS	BOOK FOR MECH ENFORCEMENT LIBRARY	304.90

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ADMINISTRATIVE SERVICES

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Sheet Metal and Air Conditioning Contractors National Assn.
 4201 Lafayette Center Drive
 Chantilly, VA 20151-1209

Invoice No. 48871

INVOICE

To: Jody

Sold To: Sonja Reed
 Osceola County Building Department
 4323 220th Ave
 Reed City, MI 49677

Ship To: Sonja Reed
 4323 220th Ave
 PO #2770
 Reed City, MI 49677

Account No.	Purchase Order No.	Order Date	Order Number	Terms	Invoice Date	Shipping Method
339025	2776	10/7/2014	71710	Pre-paid	10/7/2014	UPS Ground Delivery
Qty Ordered	Qty Shipped	Back-Ordered	Item Code Description	Unit Price	Extended Price	
1	1		1884_BK Fibrous Glass Duct Construction Standards	110.00	110.00	
1	1		1966_BK HVAC Duct Construction Standards - Metal and Flexible	174.00	174.00	
<p>RECEIVED NOV 13 2014 OFFICE OF ADMINISTRATIVE SERVICES</p>						
Line Item Total	Freight	Handling	Restocking/ Cancellation Fee	Tax	Subtotal	Amount Received
284.00		10.00			294.00	294.00

IE
Osceola County

Home > Content > Free Standards > 29 CFR Part 1910.1000 (2009) - Air Contaminants

Title	29 CFR Part 1910.1000 (2009) - Air Contaminants
Category	DOL Standards
Description	Referenced in the following Codes: <ul style="list-style-type: none"> ▪ 2012 International Building Code ▪ 2012 International Fire Code ▪ 2012 International Mechanical Code
File URL	29 CFR Part 1910.1000 (2009) - Air Contaminants
Image URL	http://www.ecodes.biz/ecodes_support/free_resources/Standards/DOL/Images/29-CFR-Part-1910.1000_2009_icon.jpg
Link to Content	
Download	29 CFR Part 1910.1000 (2009) - Air Contaminants

Created at 9/9/2012 4:02 PM by Barb Cary
Last modified at 9/9/2012 4:02 PM by Barb Cary

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OFFICE OF
ADMINISTRATIVE SERVICES

Free Download from ICC

IE

Osceola County

Home > Content > Free Standards > 29 CFR Part 1910.1025 (2009) - Toxic and Hazardous Substances

Title	29 CFR Part 1910.1025 (2009) - Toxic and Hazardous Substances
Category	DOL Standards
Description	Applies to occupational exposure to lead. Referenced in the following Codes: <ul style="list-style-type: none"> ▪ 2009 International Mechanical Code ▪ 2012 International Mechanical Code
File URL	29 CFR Part 1910.1025 (2009) - Toxic and Hazardous Substances
Image URL	http://www.ecodes.biz/ecodes_support/free_resources/Standards/DOL/Images/29-CFR-Part-1910.1025_2009_icon.jpg
Link to Content	
Download	29 CFR Part 1910.1025 (2009) - Toxic and Hazardous Substances

Created at 9/9/2012 4:02 PM by Barb Cary
Last modified at 9/9/2012 4:02 PM by Barb Cary

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OFFICE OF
ADMINISTRATIVE SERVICES

Free Download from ICC

1E



National Fire Protection Association

Fulfillment Center, 11 Tracy Drive, Avon, MA 02322

Phone: 617-770-3000 • Fax: 508-895-8301 • www.nfpa.org

Page No. 1

Bill To I.D. Number:
3077799

Ship To I.D. Number:
3077800

office use only
Ship Via UG / 05
Op/Type MTB/INV
Priority W

46882/021

OSCEOLA CNTY
OSCEOLA CNTY
301 W UPTON AVE
REED CITY
MI 49677

SONJA REED
OSCEOLA CNTY BLDG DEPT
4323 220TH AVE
REED CITY
MI 49677

Customer Purchase Order Number	Order Number	Web Order Number	Invoice Date	Invoice Number
2775	5148802		10-04-14	6264980Y

Order Qty	Ship Qty	Item Number	Title	List Price	Discount Price	Ext Price
-----------	----------	-------------	-------	------------	----------------	-----------

The following items are printed on demand
and will ship separately from other ordered items:

1	1	21113	Chimneys Fireplaces	46.50	46.50	46.50
---	---	-------	---------------------	-------	-------	-------

RECEIVED

NOV 13 2014

OFFICE OF
ADMINISTRATIVE SERVICES

Total Goods	46.50
Tax	0.00
Shipping	0.00
Handling	0.00
Other	0.00
TOTAL	46.50

METHOD OF PAYMENT

Check Enclosed (Payable to NFPA) Must be in US Dollars drawn on US Bank
 VISA MasterCard American Express Discover

Card Number _____ Exp Date _____

Authorized Signature _____



National Fire Protection Association

Fulfillment Center, 11 Tracy Drive, Avon, MA 02322

Phone: 617-770-3000 • Fax: 508-895-8301 • www.nfpa.org

Page No. 1

Bill To I.D. Number:
3077799

Ship To I.D. Number:
3077800

office use only
Ship Via UG / 05
Op/Type PHR/INV
Priority W

46089/005

OSCEOLA CNTY
OSCEOLA CNTY
301 W UPTON AVE
REED CITY
MI 49677

SONJA REED
OSCEOLA CNTY BLDG DEPT
4323 220TH AVE
REED CITY
MI 49677

Customer Purchase Order Number	Order Number	Web Order Number	Invoice Date	Invoice Number
2775	5143639		09-30-14	6254399Y

Order Qty	Ship Qty	Item Number	Title	List Price	Discount Price	Ext Price
1	1	9614	Comm Cooking Operati	42.00	42.00	42.00

The following items are back-ordered:

1 21113 Chimneys Fireplaces (1)

The following items are printed on demand

and will ship separately from other ordered items:

1 1 3111 Install Oil Burning 46.50 46.50 46.50

RECEIVED

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OFFICE OF
ADMINISTRATIVE SERVICES

Total Goods	88.50
Tax	0.00
Shipping	0.00
Handling	8.95
Other	0.00
TOTAL	97.45

METHOD OF PAYMENT

Check Enclosed (Payable to NFPA) Must be in US Dollars drawn on US Bank
 VISA MasterCard American Express Discover

Card Number _____ Exp Date _____

Authorized Signature _____

IF



OSCEOLA COUNTY BOARD OF COMMISSIONERS

301 West Upton Avenue
Reed City MI 49677
(231) 832-6196; (231) 832-6197 FAX;
oscadmin@osceolacountymi.com

OSCEOLA COUNTY ORDINANCE MECHANICAL INSPECTIONS

An Ordinance to designate an enforcing agency to discharge the responsibility of the County of Osceola located in Osceola County, under the provisions of the Stille-DeRossett Hale Single State Construction Code Act, 1972 PA 230.

The County of Osceola ordains:

Section 1. ENFORCING AGENCY DESIGNATED. Pursuant to and in accordance with Section 8b(6) of the Stille-DeRossett Hale Single State Construction Code Act, 1972 PA 230, Osceola County hereby elects to administer and enforce 1972 PA 230 and the Michigan Mechanical Code. The County of Osceola shall also administer and enforce the respective provisions of the Michigan Residential, Rehabilitation and Uniform Energy Codes and all applicable laws and ordinances. A government official registered in accordance with 1986 PA 54 shall be appointed to receive all fees, issue permits, plan reviews, notices, orders and certificates of use and occupancy. All personnel performing plan reviews and inspections shall be registered in accordance with 1986 PA 54.

Section 2. REPEALS. All ordinances inconsistent with the provisions of this ordinance are hereby repealed.

Section 3. PUBLICATION. This ordinance shall be effective after legal publication and in accordance with provisions of the Act governing same.

Adopted this 21st day of January, 2014.

This ordinance duly adopted on January 21, 2014 at a regular meeting of the Osceola County Board of Commissioners and will become effective _____.

Date: Feb 7, 2014

Signed: Karen J. Duh
Clerk of the Osceola County Board of Commissioners

Attested: Darryl Emig
Chairperson, Osceola County Board of Commissioners

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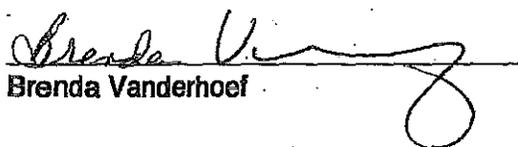
OFFICE OF
ADMINISTRATIVE SERVICES

Affidavit of Publication

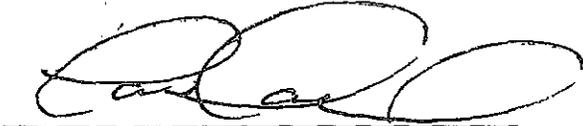
STATE OF MICHIGAN }
County of Wexford }

Brenda Vanderhoef of Cadillac News, a paper published in the County of Wexford and circulated in the Counties of Wexford, Missaukee, Osceola, and Lake; being duly sworn, deposed and says that she is the Advertising Controller of said newspaper and that a notice, a true copy of which is annexed hereto, has been duly published in said paper on the following date(s):

January 29, 2014


Brenda Vanderhoef

Subscribed and sworn to before me this 29th day of January A.D. 2014.


Tara Hall, Notary Public, State of Michigan,
County of Wexford
My commission expires: August 30, 2019

OSCEOLA COUNTY ORDINANCE MECHANICAL INSPECTIONS

An Ordinance to designate an enforcing agency to discharge the responsibility of the County of Osceola located in Osceola County, under the provisions of the Stille-DeRossett Hale Single State Construction Code Act, 1972 PA 230.

The County of Osceola ordains: Section 1. ENFORCING AGENCY DESIGNATED. Pursuant to and in accordance with Section 8b(6) of the Stille-DeRossett Hale Single State Construction Code Act, 1972 PA 230, Osceola County hereby elects to administer and enforce 1972 PA 230 and the Michigan Mechanical Code. The County of Osceola shall also administer and enforce the respective provisions of the Michigan Residential, Rehabilitation and Uniform Energy Codes and all applicable laws and ordinances. A government official registered in accordance with 1986 PA 54 shall be appointed to receive all fees, issue permits, plan reviews, notices, orders and certificates of use and occupancy. All personnel performing plan reviews and inspections shall be registered in accordance with 1986 PA 54.

Section 2. REPEALS. All ordinances inconsistent with the provisions of this ordinance are hereby repealed.

Section 3. PUBLICATION. This ordinance shall be effective after legal publication and in accordance with provisions of the Act governing same.
January 29

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OSCEOLA COUNTY
BOARD OF COMMISSIONERS
BOARD MINUTES
JANUARY 21, 2014

OFFICE OF
ADMINISTRATIVE SERVICES

The Osceola County Board of Commissioners meeting was called to order at 12:58 p.m. by Chairman Larry Emig at the Courthouse. Commissioner Tiedt offered a prayer and Chairman Emig led those present in the Pledge of Allegiance.

Roll call: Commissioners Halladay, Sikkema, Stoner, Emig, Elkins, Wayne, and Tiedt present.

Communications: none.
Brief public comment: none.
Employee comment: none.

MOTION #1: Approval of Agenda

Motion by Commissioner Tiedt, support by Commissioner Stoner, to approve the agenda as presented. Motion carried with a voice vote.

MOTION #2: Approval of Minutes

Motion by Commissioner Stoner, support by Commissioner Sikkema, to approve the minutes of January 7, 2014, including Organizational and Public Hearing, as presented. Motion carried with voice vote.

MOTION #3: Approval of Consent Agenda

Motion by Commissioner Sikkema, support by Commissioner Tiedt, to accept the following Committee recommendations of January 21, 2014:

MOTION #3A: Accounts Payable

Approve the accounts payable invoices for claims for the County in the amount of \$60,507.01 and recommend the several amounts scheduled therein be allowed, also that the Clerk of this Board be allowed to draw orders on the County Treasurer for the same.

MOTION #3B: Permission to Big Rapids Fleet & Auto for Use of Photos

To give permission for Big Rapids Fleet & Auto Repair, Inc. to use photographs of Osceola County vehicles that may include the County logo in their marketing media with prior review by the affected County department heads, contingent on other vendors Mr. Pranger is also approaching to include giving approval to use their businesses.

RESOLUTION 2014-0001

Michigan Community Resolution and Intergovernmental Agreement to Manage Floodplain Development for the National Flood Insurance Program

Whereas, Sherman Township desires to participate in the Federal Emergency Management Agency's (FEMA) National Flood Insurance Program (NFIP) by complying with the program's applicable statutory and regulatory requirements for the purposes of significantly reducing flood hazards to persons, reducing property damage, reducing public expenditures, and providing for the availability of flood insurance and federal funds or loans within its community; and

Whereas, The NFIP requires that floodplain management regulations must be present and enforced in participating communities, and utilize the following definitions which also apply for the purposes of this resolution:

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Osceola County Board of Commissioners
 Minutes - Page 2
 January 21, 2014

OFFICE OF
 ADMINISTRATIVE SERVICES

1. Flood or Flooding means:
 - a. A general and temporary condition of partial or complete inundation of normally dry land areas from : 1) the overflow of inland or tidal waters, 2) the unusual and rapid accumulation or runoff of surface waters from any source, 3) mudflows, and
 - b. The collapse or subsidence of land along the shore of a lake or other body of water as a result of erosion or undermining caused by waves or currents of water exceeding anticipated cyclical levels or suddenly caused by an unusually high water level in a natural body of water, accompanied by a severe storm, or by an unanticipated force of nature, such as flash flood or an abnormal tidal surge, or by some similarly unusual and unforeseeable event which results in flooding, as defined in paragraph (a)(1) of this definition.
2. Flood Hazard Boundary Map (FHBM) means an official map of a community as may have been issued by the FEMA, where the boundaries of the area of flood, mudslide (i.e., mudflow) related erosion area having special hazards have been designated as Zone A, M, and/or E.
3. Floodplain means any land area susceptible to being inundated by water from any source (see definition of flooding).
4. Floodplain management means the operation of an overall program of corrective and preventive measures for reducing flood damage, including but not limited to emergency preparedness plans, flood control works, and floodplain management regulations.
5. Floodplain management regulations means zoning ordinances, subdivision regulations, building codes, health regulations, special purpose ordinances (such as a floodplain ordinance, grading ordinance, and erosion control ordinance) and other applications of police power that provide standards for the purpose of flood damage prevention and reduction.
6. Structure means a walled and roofed building that is principally above ground, gas or liquid storage facility, as well as a mobile home or manufactured unit.

Whereas, the Stille-Derossett-Hale Single State Construction Code Act", Act No. 230 of the Public Acts of 1972, as amended, (construction code act), along with its authorization of the state construction code composed of the Michigan Residential Code and the Michigan Building Code [and its Appendices (specifically Appendix G)] contains floodplain development and management regulations that comply with the FEMA NFIP minimum floodplain management criteria for flood prone areas as detailed in Title 44 of the Code of Federal Regulations (44CFR), Section 60.3, and

Whereas, by the action dates of this document, Osceola County agrees on behalf of Sherman township to function as the designated enforcing agency to discharge the responsibility of administering, applying, and enforcing the construction code act and the state construction code, specifically the Michigan Residential Code and the Michigan Building Code, to all development within Sherman Township's political boundaries, and

Whereas, Sherman Township and Osceola County enforce floodplain regulations of the construction code act, and Sherman Township wishes to ensure that the administration of that code complies with requirements of the NFIP, and Now Therefore, to maintain eligibility and continued participation in the NFIP,

1. Sherman Township and Osceola County agree that Osceola County's officially designated enforcing agency for the construction code act, Building Official, be directed to administer, apply, and enforce on Sherman Township's behalf the floodplain management regulations as contained in the state construction code (including Appendix G) and to be consistent with those regulations, by:
 - a. Obtaining, reviewing, and reasonably utilizing flood elevations data available from federal, state, or other sources pending receipt of data from the FEMA to identify the flood hazard area, and areas with potential flooding, and
 - b. Ensuring that all permits necessary for development in floodplain area have been issued, including a floodplain permit, approval, or letter of no authority from the Michigan Department of Environmental Quality under the floodplain regulatory provision of Part 31, "Water Resources Protection," of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and

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Osceola County Board of Commissioners
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OFFICE OF
 ADMINISTRATIVE SERVICES

- c. Reviewing all permit applications to determine whether the proposed building will be reasonably safe from flooding. Where it is determined that a proposed building will be located in a flood hazard area or special flood hazard area, Osceola County shall implement the following applicable codes according to their terms:
 - i) Appropriate portions and referenced codes and standards of the current Michigan Residential Code.
 - ii) Appropriate portions and referenced codes and standards of the current Michigan Building Code.
 - iii) Appendix G of the current Michigan Building Code.
 - d. Reviewing all proposed subdivision to determine whether such proposals are reasonably safe from flooding and to ensure compliance with all applicable floodplain management regulations.
 - e. Assisting in the delineation of flood hazard area; provide information concerning uses and occupancy of the floodplain or flood-related erosion areas, maintain flood proofing and lowest floor construction records, and cooperate with other officials, agencies, and persons for floodplain management.
 - f. Advising FEMA of any changes in community boundaries, including appropriate maps, and
 - g. Maintaining records of new structures and substantially improved structures concerning any certificates of flood proofing, lowest floor elevation, basements, flood proofing, and elevations to which structures have been flood proofed.
2. Sherman Township and Osceola county assure the Federal Insurance Administrator (Administrator) that they intend to review, on an ongoing basis, all amended and revised FHBMs and Flood Insurance rate Maps (FIRMSs) and related supporting data and revisions thereof and revisions of 44 CFR, Part 60, Criteria for Land Management and Use, and to make such revisions in its floodplain management regulations as may be necessary to assure Sherman Township's compliant participation in the program.
 3. Sherman township further assures the Administrator that it will adopt the current effective FEMA Flood Insurance Study (FIS), FHBMs, and/or FIRMSs by reference within its Floodplain Management Map Adoption Ordinance or similarly binding ordinance documentation.

Further, be it resolved, both communities declare their understanding that, until this resolution is rescinded or Sherman Township makes other provision to enforce the construction code act:

1. Osceola County must administer and enforce the construction code act in accordance with the terms and conditions contained herein, and
2. For Sherman Township to continue its participation in the NFIP, the construction code act must be administered and enforced according to the conditions contained herein.

MOTION #3C: Emergency Management Program Grant Work Agreement

Approve the 1st Quarter County of Osceola Emergency Management Fiscal Year 2014 Emergency Management Program Grant Work Agreement/Quarterly Report and authorize the Chairman to sign.

MOTION #3D: COA Questionnaire

Approve the C.O.A. questionnaire for services as revised.

MOTION #3E: Commission on Aging Job Descriptions

Approve the job descriptions for Commission on Aging Cook, Prep Cook, Meal Site Coordinator and Home Delivered Meals Driver with recommended revisions.

MOTION #3F: Commission on Aging Job Description

Approve the job description for the Nutrition Coordinator (formerly Nutrition Administrator) as revised.

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OFFICE OF ADMINISTRATIVE SERVICES

Osceola County Board of Commissioners
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MOTION #3G: Approval of Bid from Landmark

Approve the bid from Landmark Design Group for the EMS Construction Consultant in the amount of \$6000.

MOTION #3H: Request for Addition to Landmark

To ask Landmark Design Group to include a 5th proposed EMS site for review for an amount not to exceed \$2000.

MOTION #3I: Approval of Quote for EMS Ambulance Purchase

Approve the quote from Emergency Vehicles Plus for \$167,387.00 with \$135,000 from MMRMA (minus deductibles, etc.) with the remainder coming from the 210 EMS Fund Balance.

MOTION #3J: Out of State Travel for EMS Director

To allow the EMS Director (or another staff member) to travel out of state to do the pre-delivery inspection of the ambulance.

MOTION #3K: R.A.P. Grant Application

Approve the R.A.P. Grant Application to MMRMA and authorize the appropriate signatures.

MOTION #3L: EMS Service Fee Schedule

Approve the EMS Service Fee Schedule Policy as presented.

MOTION #3M: Board Committee Appointments

Approve the appointments of Jill Halladay to the Salary and Personnel Committee, Jill Halladay as the Board representative to MOTA and Pam Wayne as the Soil and Conservation District liaison.

MOTION #3N: Mechanical Ordinance

Adopt the Osceola County Mechanical Ordinance.

MOTION #3O: 2013 Budget Amendments, Cash Transfers and Journal Entry Report

Approve the 2013 Budget Amendments, Cash Transfers and the December 2013 Treasurer's Journal Entry report as presented.

<u>Description</u>	<u>Line Item</u>	<u>Decrease</u>	<u>Increase</u>
508.000.702.001	Payroll (Parks)		\$ 100
508.000.702.003	Payroll (Parks)	\$ 110	
508.000.719.000	FICA (Parks)		\$ 10
101.268.625.001	Auto Fund		\$ 575
101.965.999.021	Trans Out Fund 256	\$ 575	
101.253.720.000	Retirement (Treas.)	\$ 279	
101.253.702.005	Overtime (Treas.)		\$ 279

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Osceola County Board of Commissioners
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January 21, 2014

OFFICE OF
ADMINISTRATIVE SERVICES

<u>Description</u>	<u>Line Item</u>	<u>Decrease</u>	<u>Increase</u>
101.101.702.001	Board Payroll		\$ 160
101.101.720.000	Retirement	\$ 160	
101.265.702.002	Sup. Emp.		\$ 110
101.265.720.000	Retirement		350
101.265.721.001	Health Ins.	\$ 460	
249.371.719.000	FICA		\$ 145
249.371.721.001	Health Ins.		25
249.371.808.018	Contracted Bldg.	\$ 170	
260.120.543.000	Grant - Reimb.		\$ 6,755
260.120.501.003	Fed HMEP/LEPC Grant		4,526
260.120.702.003	Permanent Emp.		10,932
260.120.720.000	Retirement		178
260.120.861.000	Conf. & Mtgs.		171
101.290.920.000	Gas/Heat	\$ 6,604	
101.290.921.000	Electric	\$	\$ 6,604
101.301.702.004	Payroll -P/T		\$ 5,321
101.301.702.005	Payroll-O/T		10,852
101.301.702.003	Perm. Emp.	\$ 20,144	
101.351.702.003	Perm. Emp.		1,479
101.351.702.005	Payroll-O/T		12,821
101.351.702.007	Longevity		190
101.351.702.004	Payroll-P/T	14,490	
101.315.702.006	Payroll-Holiday		2,018
101.315.719.000	FICA		333
101.315.702.003	Perm. Emp.	\$ 2,351	
101.301.720.000	Retirement		\$ 5,487
101.301.702.002	Supervisory Emp.	1,516	

Motion for approval of consent agenda from January 21, 2014, carried with seven (7) yes votes.

MOTION #4: Approval of Agreement with Dynamic Physical Therapy

Motion by Commissioner Sikkema, support by Commissioner Tiedt, to approve the agreement with Dynamic Physical Therapy for the EMS Department functional employment testing program. Motion carried with five (5) yes votes, Commissioners Stoner and Wayne voting no.

MOTION #5: Approval of Quote for S & A Insurance

Motion by Commissioner Tiedt, support by Commissioner Elkins, to approve the quote from Mutual of Omaha for S & A benefits. Motion carried with six (6) yes votes, Commissioner Stoner voting no.

Osceola County Board of Commissioners
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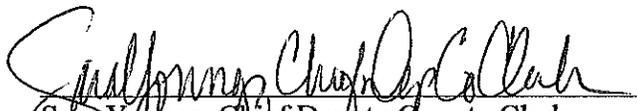
Committee Reports

Commissioners offered reports from meetings they had attended as Board liaisons.

Board comments: none.

Extended public comment: none.

Motion by Commissioner Tiedt, support by Commissioner Stoner, to adjourn the meeting at 1:30 p.m.
Motion carried.


Sara Youngs, Chief Deputy County Clerk


Larry Emig, Chairman

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Karen J. Bluhm
OSCEOLA COUNTY CLERK
301 West Upton Avenue • Reed City, Michigan 49677
(616) 832-6102

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OFFICE OF
ADMINISTRATIVE SERVICES

March 1975
Osceola County Board of Commissioners

RESOLUTION II

WHEREAS, by virtue of Act 230, P.A. 1972 as amended Rules of Construction Code of State of Michigan,

WHEREAS, The Osceola County Board of Commissioners have accepted the responsibility of enforcing such code.

WE THEREFORE, recommend the establishment of a Building Inspection Department with a Building Inspector and a secretary, with an office on the second floor of the Court House Annex. We also recommend that the same office and secretary be used for Sedimentation and Soil Erosion Control Department.

Respectfully submitted

Bob Pontz
Bruce Bregenzer
Robert Zimmerman

Moved by Pontz and supported by Bregenzer to accept and approve the above resolution. Motion carried with 13 yes votes and Kirkby and Parkhurst absent.

A Certified Copy of the Original on file in the Clerk's Office. Witness my hand and the Official Seal this 1st day of March 19 96.

Karen J. Bluhm, Circuit Court clerk, Osceola County MI

By *Pamela J. Puchard* Deputy Clerk.

**RESOLUTION 2001-0012
OSCEOLA COUNTY ORDINANCE
ELECTRICAL INSPECTIONS ORDINANCE**

An Ordinance to designate an enforcing agency to discharge the responsibility of the County of Osceola located in Osceola County, under the provisions of the State Construction Code Act, 1972 PA 230.

The County of Osceola ordains:

Section 1. *AGENCY DESIGNATED.* Pursuant to the provisions of the Michigan Electrical Code, in accordance with Section 8b(6) of 1972 PA 230, the Electrical Code Official of the County of Osceola is hereby designated as the enforcing agency to discharge the responsibility of the County of Osceola under 1972 PA 230, State of Michigan. The County of Osceola assumes responsibility for the administration and enforcement of said Act throughout its corporate limits.

Section 2. *REPEALS.* All ordinances inconsistent with the provisions of this ordinance are hereby repealed.

Section 3. *PUBLICATION.* This ordinance shall be effective after legal publication and in accordance with provisions of the Act governing same.

Moved by Morgan, supported by Pattee to adopt. Motion carried with eight (8) yes votes, Emig absent.

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Board of Commissioners

301 West Upton, Reed City, Michigan 49677
(231) 832-6196
(231) 832-6197 - Fax

OSCEOLA COUNTY ORDINANCE PLUMBING INSPECTIONS

ORDINANCE NUMBER 2002-02

An Ordinance to designate an enforcing agency to discharge the responsibility of the County of Osceola located in Osceola County, under the provisions of the State Construction Code Act, 1972 PA 230.

The County of Osceola ordains:

Section 1. AGENCY DESIGNATED. Pursuant to the provisions of the Michigan Plumbing Code, in accordance with Section 8b(6) of 1972 PA 230, the Plumbing Code Official of the County of Osceola is hereby designated as the enforcing agency to discharge the responsibility of the County of Osceola under 1972 PA 230, State of Michigan. The County of Osceola assumes responsibility for the administration and enforcement of said Act throughout its corporate limits.

Section 2. REPEALS. All ordinances inconsistent with the provisions of this ordinance are hereby repealed.

Section 3. PUBLICATION. This ordinance shall be effective after legal publication and in accordance with provisions of the Act governing same.

Adopted this 26th day of November, 2002.

This ordinance duly adopted on November 26, 2002 at a regular meeting of the Osceola County Board of Commissioners and will become effective _____.

Date: Nov. 26, 2002

Signed: Karen J. Bluh
Clerk of the Osceola County Board of Commissioners

Attested: Nona J. Aenslow
Chairperson, Osceola County Board of Commissioners

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NOV 13 2014

OFFICE OF
ADMINISTRATIVE SERVICES



COUNTY COORDINATOR'S OFFICE
Susan M. Vander Pol, County Coordinator
Jody Waurzyniak, Administrative Aide/Bookkeeper

301 West Upton
Reed City MI 49677
(231) 832-6196; (231) 832-6197 FAX
oscadmin@osceolacountymi.com

Building Department Hours of Operation

Monday through Friday
8:00 a.m. to 4:00 p.m.
Closed for Lunch from
12 – 1:00 p.m.

Office Phone: (231) 832-6117

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REVIEW AND ISSUE BUILDING PERMIT

You will find a copy of the building permit application form following this sheet. These instructions should lead you through the application process.

OFFICE OF
ADMINISTRATIVE SERVICES

- I. Location of building. This should have the house number and the road where this building project will take place. If the site has not yet been addressed, see "TO ISSUE ADDRESS" This will be found in another section of this book.
- II. Identification:
 - A. Owner or Lessee. The owner's name, address, and phone number must be filled in this space. The owner or a licensed contractor are the only ones that can pull a permit for a building project. (Check parcel # in computer to make sure of ownership. If it is a new owner, they must have written proof. For example: Buy/sell agreement, deed, land-contract.)
 - B. Architect - only necessary on commercial projects and dwellings over 3500 sq. ft.
 - C. Contractor - The land owner can be his own contractor. The word "self" can be written in this space. If the contractor is pulling this permit, all this information needs to be filled in. If not a new contractor, check to see if our records are up to date (#3 contractor data).
- III. Type of Improvement: The type of improvement and also the Cost of improvement must be filled in. We use this information on another report the first of each month.
- IV. Proposed use of Building: Check one item in either A or B.
- V. Selected Characteristics of Building.
Each of these areas must be checked for applicable projects. All projects must have the width, and the length along with complete footing explanation.
- VI. Applicant information: Must be completed and signed by whomever pulls the permit.
- VII. Local Governmental Agency: This Section to be filled out by the bldg. dept. We need to have verification that the items that are highlighted have been approved if applicable. (Example-When they give you the zoning permit, check that one off. Also explain why a soil erosion check is needed.)
- VIII. Validation: Fill this portion out when permit is written. Two sets of "STAMPED" plans are required for ALL commercial projects and all residential projects that are 3500 sq. ft. or larger. Plan reviews are performed on all commercial and residential plans that require review. The bldg. insp. reviews all residential plans regardless of size.
- IX. Make sure you have this for all projects. Explain about site plan and floor plan (these may be submitted on a different paper). For garages and pole bldgs, we need truss plans & end view if not already provided.

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2. Procedures

OFFICE OF
ADMINISTRATIVE SERVICES

a) Permit application review procedures:

The office manager does a preliminary review off all building applications for assurance that they include property owner's information and ownership. Verifies who is obtaining the permit whether homeowner or contractor. If a contractor is obtaining permit his or hers current contractor information is provided. Collects a set of plans and all construction forms that are needed for the project. Completes the environmental controls section including zoning, septic, soil erosion, driveway just to name a few. Verifies that we have an adequate site plan on application. Collects the appropriate fee for permits and prints the permit off for the inspectors to verify.

b) Plan Review Procedures:

All permits are issued upon the approval of the building inspector. If further information is needed it is requested from the applicant. If a commercial project or a residential project over 3500 sq. feet 2 sets of plans are required. They have a plan review, are stamped and 1 set returned to the applicant.

c) Permit Issuance Procedures:

Building permits are issued after the approval and review from the building inspector. All fees are collected prior to review

Electrical and plumbing permits applications are submitted and returned in a permit form to all applicants after fees are collected. If over the 3500 sq. ft. requirement a plan review is completed prior to issuance of a permit.

d) Field Inspection Procedures:

Inspectors are provided with a field inspection sheet for each inspection to be completed. On the field inspection sheets if any prior inspection has been completed with or without violations they are all noted on that inspection. Inspectors have this information on inspections when doing a site visit. When the building inspector visits a site he logs his mileage on a daily inspection work sheet. They are then returned to the office and entered into the computer system.

Required inspections are footings, backfill, rough, insulation and final.

e) Code Violations/Correction Notice Procedures:

If there is a violations that needs to be corrected the owner/contractor is verbally given this information if on site of the inspection. If there is no one on site a field correction notice is written and either left at the site or mailed/faxed to the applicant. All corrections need to be completed prior to further inspections.

f) Certificate of Use and Occupancy Procedures:

A Certificate of Use and Occupancy is given to all building projects after all the required inspections which also may include electrical, plumbing or mechanical. Each of the inspectors signatures are signed by themselves or when authorized to use signature stamp and initialed (only for the trades)on the certificate. Prior to the issuance of Cof O

all permit fees need to be paid for. A copy is then provided upon the request of the applicant. All single family dwellings are automatically mailed out.

g) Construction Board of Appeals Procedures:

If and when an applicant wants to have an appeal the procedure and application for an appeal is taken and submitted to the board of appeals.

h) Construction Board of Appeals and their credentials are attached and listed.

i) Floodplain and Wetlands Management Procedures.

Whenever a building permit application comes in the applicant is asked to either fill out for the appropriated Soil & Sedimentation Permit Application or complete the waiver stating they are farther than 500 ft. from any type of body of water. Anyone in the area of a river or wetlands is referred to the MDEQ Cadillac Office. A soil erosion permit that would also require a MDEQ permit is not issued until we receive a copy of the permit issued.

j) Registration of Contractor Licenses Procedures:

Currently all information is obtained off the permit application along with a current copy of their license is kept on file.

k) Complaint Processing and Resolution Procedures:

When we receive a complaint a follow up site visit is completed by the inspector. The owner of parcel is then notified either on site or by letter of a violation for not obtaining the proper permits by the office.

Other procedures not listed that are completed on a regular basis are:

1. 30 days prior to the expiration of a permit a letter is generated and mailed to the property owner giving them time to call for final inspections or to renew for another 6 months. If no response is given the permit is administratively closed.

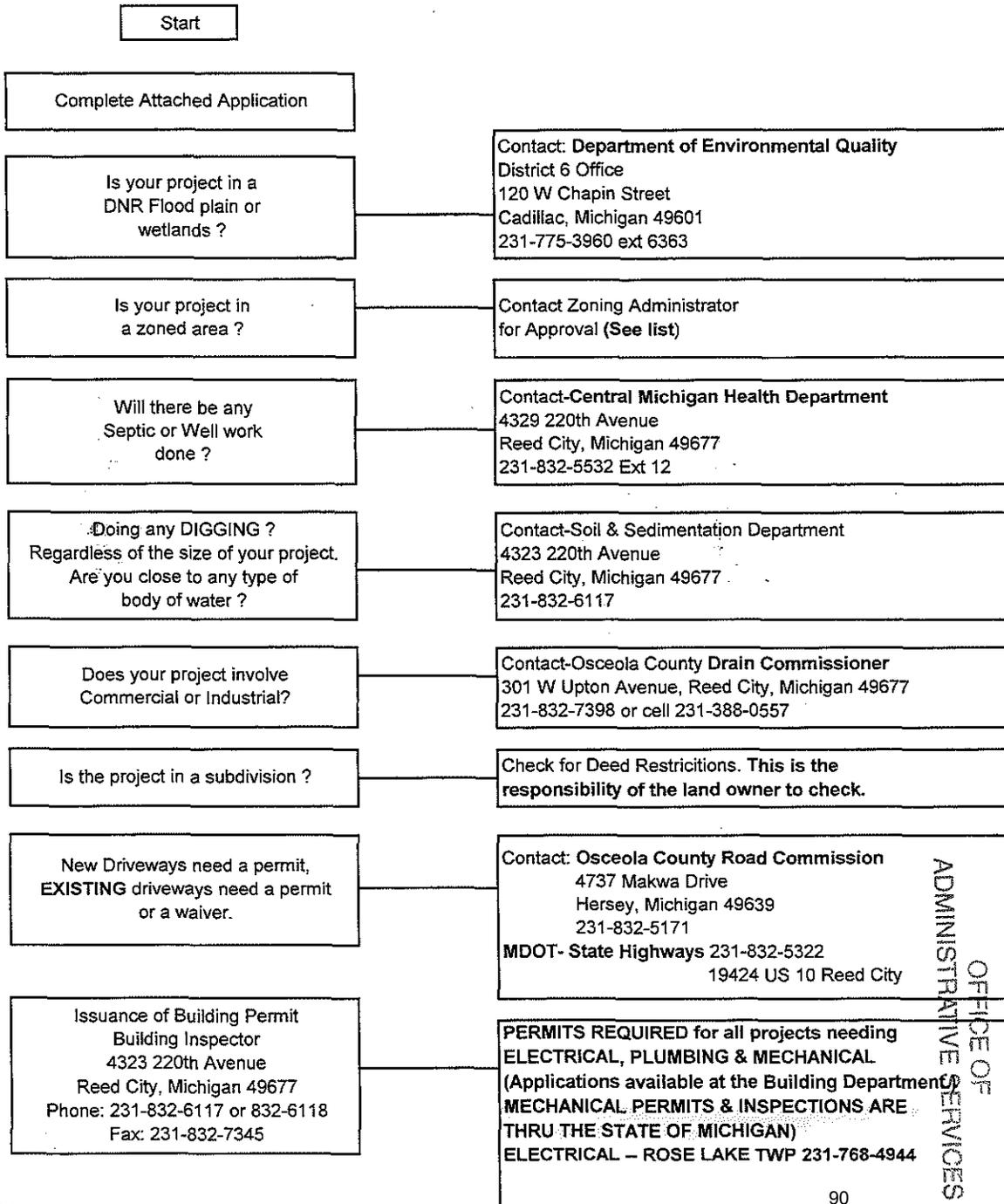
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NOV 13 2014

OFFICE OF
ADMINISTRATIVE SERVICES

OSCEOLA COUNTY BUILDING PERMIT PROCESS

To ensure prompt processing of your building permit applications follow the diagram below.
 **2 Sets of approved plans required for ALL Commercial and Residential -3500 sq. ft. or larger



Zoned Townships and Administrators

These positions are part-time jobs-may have off hours

Burdell Township
 Marty Dahlstrom
 PO Box 144
 Tustin, Michigan 49688
 231-829-5590

Osceola Township
 Paul Brown
 PO Box 832
 Ewart, Michigan 49631
 231-250-2725

Cedar Township
 Bob Leyrer
 10197 Alps Drive
 Reed City, Michigan 49677
 231-734-5739

Leroy Vlg & Richmond
 Art Moyses
 PO Box 98
 Leroy, Michigan 49655
 231-829-4099

Hartwick Township
 Randy VanBuren
 16622 110th Avenue
 Ewart, Michigan 49631
 231-846-1290

Sherman Township
 Joe Grugal
 18724 Mackinaw Trail
 Tustin, Michigan 49688
 231-829-3465

Village of Hersey
 John Calabrese
 306 E 3rd Street
 Hersey, Michigan 49639
 231-832-9889

City of Ewart
 Zach Szakacs
 200 S Main Street
 Ewart, Michigan 49631
 231-734-2181

Highland Township
 Chip Caruso
 PO Box 164
 McBain, Michigan 49657
 231-499-2623

City of Reed City
 Ron Howell
 227 E Lincoln Avenue
 Reed City, Michigan 49677
 231-832-2245

Leroy Township
 Trevor Flint
 21541 Leroy Rd
 Leroy, Michigan 49655
 231-388-3634

Village of Marion
 William Kelso
 133 Sixth Street
 Marion, Michigan 49665
 231-743-6092

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2A



OSCEOLA COUNTY BUILDING DEPARTMENT

4323 220th Avenue
Reed City, Michigan 49677

Phone: (231) 832-6117

Fax: (231) 832-7345

This is the stamp used on both sets of plans after I review and approve them.

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Permit Number _____

Approved _____

Subject To Field Inspection

Building Official Osceola County

NOV 13 2014

Typing A Permit *Issuance of permit*

Follow same procedure for building, electrical, plumbing and soil erosion with some variations.

OFFICE OF ADMINISTRATIVE SERVICES

Using the property tree locate the parcel, owner or address the permit needs to be issued to.

If parcel comes up and there is no address issued this needs to be completed. Before issuing a new address a driveway permit from the Osceola County Road Commission needs to be approved for any new residential building. The measurements from the driveway permit or property owner needs to be pretty exact. See figuring an address section. Once the address is figured enter it into the property by double clicking on the property folder. When open click on address and fill in blanks. Close folder.

Move to the permit folder and click the **Insert** button (on toolbar or keypad)

*Select **Permit**

*Click the **Permit Type** button and select the type.

The cursor moves to the Contractor button.

Note if homeowner is doing the work
move cursor up or use mouse and check homeowner.

*If a contractor is doing the work, instructions next section

*Click on the **Select** button and choose homeowner.

Add New Permit

Property*	17890 N Abbey Road	
Application Date*	08/30/2006	1. Reset
Permit Type*	Building	2. Reset
Owner of Record*	Sullivan, James	3. Reset
	Work being done by owner	<input checked="" type="checkbox"/>
Contractor*	Better Than Foss Construction	4. Reset
Licensee*	Overhill, Mark	5. Reset
Occupant of Record	Lewis, Jacob	6. Reset
Applicant* (Select)	Overhill, Mark	7. Reset
Permit Details*	Below Ground Pool	8. Reset
Building Information		9. Reset
User Fields		A. Reset

* Required Entry(s) Add Permit Numbering Options Cancel



*Click on box for **Permit Details**. This will open a new screen. Arrow down on **Report category** and choose **Project type** Example: Single Family Dwelling.

*Tab to next box **Work description**-enter the size of project in detail type of foundation.

*Tab to next box **Stipulations**-enter directions to site.

New Permit Details

Report Category*: Deck

Work Description: Build multi-level deck along north and west sides of house

Stipulations

Prerequisites (1)

* Required Entry(s) Done

*Tab to next box **Prerequisites** (5) for all building projects- this will be (0) for electrical, plumbing etc. Approve each or clear which ones don't apply.

*Click done

Prerequisites

Prerequisite	Submitted	Approved	Comment
ZBA	08/18/2006	05/10/2006	
	///	///	
	///	///	
	///	///	
	///	///	
	///	///	

File Clear Selected Prerequisites Clear All Approve All Print

- *Click on **Building Information** (this will only need to be completed for building permits.) This will open another information box. Fill in only the highlighted information. Value, Type, Use Group, Total Sq. Feet
- *Click Done

This takes you back to the Add New Permit Screen

***Add Permit**

When entering a Soil Erosion Permit before adding permit click on the User Field this will open up another screen on these lines type the person responsible for earth movement including a address and phone number. Then add permit.

Building Information	
Construction Information:	
Value**	\$0
Type	
Use Group	
Ownership**	Private
Buildings**	1
Rooms/Aparts**	1
Occupancy Load	0
Basic Dimensions:	
Floors	0
Length	0
Width	0
Height	0
Total Sq. Ft**	0
Residential Information:	
Bedrooms	0
Baths	0 1/2 Bath: 0
Census (C404) Report**	
Use in C404 report	
Residential	
Census Category	
Kind of Building	
Dodge Report**	
Use in Dodge Report	
Dodge Category	
**Used in the Census and/or Dodge Report	
Done	

- *After all information is added the fees schedules than comes up. Enter the appropriate fees or for the trades use the fee schedules:
- *Click done
- *Add payment information.
A transaction receipt automatically appears on your window, select print if you want to print this. **EXIT. Stamp back of check, place all funds in cash drawer.**

Now you are back to the main property tree with your cursor still on the permit you just typed you are ready to issue the permit. If there are any prerequisites you will not be able to issue until resolved.

***Click on the tool bar ISSUE**

This will print 3 copies of all permits. For all permits except commercial and Single Family Dwellings sign.
1 copy for owner 1 copy for the assessors folder 1 copy to staple with permit that we file
After file is complete place in building inspectors top box for review.

You than need to print a **WEATHER COPY** to laminate for customer. Go to print choose permit and than on report line choose WEATHER COPY. **Don't forget to sign this one too.**

Electrical & Plumbing Permits-use signature stamps and initial

1 copy for customer 1 copy for inspector 1 copy stapled to permit for file.

Soil erosion only needs 2 copies so throw one away. Both copies get signature stamped and placed in folder for the inspector.

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Inspection View Trip List

Scheduled: 12/05/13

2D

LOUIS DENTON

Township	Owner Name	Address	Type	Permit #
<input type="checkbox"/> HERSEY	WENGERD DANIEL A & AN [REDACTED]	[REDACTED]	Footing	PB13-0260
<input type="checkbox"/> HERSEY VIL	CINKA JOHN W & [REDACTED]	[REDACTED]	Misc.	PB13-0233
<input type="checkbox"/> HERSEY	ZAHM LYNDA S & HUGHES [REDACTED]	[REDACTED]	TIE DOWNS	PB13-0209
<input type="checkbox"/> MARION VIL	OSCEOLA COUNTY	300 MEADOWVIEW LN	Rough	PB13-0170
<input type="checkbox"/> MIDDLE BRA	KONING LLC (616) 813 8495	5541 17 MILE RD	Final	PB13-0206
<input type="checkbox"/> REED CITY	HABITAT FOR HUMANITY	410 W 5TH AVE	Rough	PB13-0052

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OSCEOLA COUNTY BUILDING DEPARTMENT

4323 220th Avenue
Reed City, Michigan 49677

Phone: (231) 832-6117

Fax: (231) 832-7345

BOARD OF COMMISSIONERS:

The following list of contractors have agreed to be appointed to serve on the "Board of Appeals" for the Building Department.

Herbert B. Phelps
Plumbing Contractor
17358 Meceola Rd
Hersey, MI 49639
231-832-3257
License #81-10058

George Hollingshead
Building Contractor
9336 Miramichi Dr
Ewart, MI 49631
231-734-6044
License #2101105584

Sidney King (been contacted/waiting)
Building Contractor
8380 21 Mile Rd
Marion, MI 49665
231-743-6166
License #2101050938

Kevin Miller
Electrical Contractor
519 E Main St
Marion, MI 49665
231-743-6423
License #61-08230

Jim Peterson
Building Contractor
18882 140th Ave
Leroy, MI 49655
231-829-3780
License #2102153258

Keith Holmes
Building Contractor
19519 150th Ave
Tustin, MI 49688
231-878-1055
License #2101030235

Terrance Gerber
Building Contractor
415 S Morse St
Reed City, MI 49677
231-832-2792
License #2102113056

The appointments to this board must be approved by the chairman of the Board of Commissioners (Public Acts 1992-125.1514)

Thank you,

Louie Denton
Osceola County Building Official

LLD/sar

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ADMINISTRATIVE SERVICES

24



COUNTY COORDINATOR'S OFFICE

Susan M. Vander Pol, County Coordinator
Cindy Stroop, Administrative Aide/Bookkeeper

301 West Upton
Reed City MI 49677
(231) 832-6196; (231) 832-6197 FAX; oscadmin@osceolacountymi.com

April 4, 2013

Osceola County Building Board of Appeals
4323 220th Avenue
Reed City, MI 49677

RE: Appointments

It is my pleasure to inform you that the Board of Commissioners at their April 2, 2013, meeting reappointed the following individuals to terms expiring March 15, 2015.

- Herbert B. Phelps – Plumbing
- George Hollingshead – Building
- Sidney King – Building
- Kevin Miller – Electrical
- Jim Peterson – Building
- Keith Holmes – Building
- Terrance Gerber – Building

If you should have any questions, please feel free to contact me at the above number or e-mail address. Thank you.

Sincerely,

Susan M. Vander Pol
County Coordinator

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SMV/cts

cc Appointees

JK

Osceola County Building Department
4323 220th Avenue
Reed City, Michigan 49677
231-832-6117

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OFFICE OF
ADMINISTRATIVE SERVICES

12/04/2013

14 003 054 00

OSCEOLA COUNTY
301 W UPTON AVE
REED CITY, MI 49677

Dear: OSCEOLA COUNTY

You have been sited as being in violation with the Michigan State Building Code for not obtaining a building permit prior to construction for a commercial addition , on your property located at 301 W. Upton Avenue. The Michigan State Building Code Section R105.1 states

Any owner or authorized agent who intends to construct, enlarge, alter, repair, move, demolish, or change the occupancy of a building or structure, or to erect, install, enlarge, alter, repair, remove, convert or replace any electrical, gas, mechanical or plumbing system, the installation of which is regulated by this code, or to cause any such work to be done, shall first make application to the building official and obtain the required permit.

Please fill out the enclosed application and forward it to our office with all of the necessary forms required for your project. Effective November 20, 2006 the Osceola County Commissioners approved an Administrative-Investigative Fee that will be added to all projects not obtaining the proper permits prior to construction.

Thank you,

Osceola County Building Department

1B
3A

MECHANICAL PERMIT APPLICATION

OSCEOLA COUNTY BUILDING DEPARTMENT

4323 220th AVENUE

PROPERTY #

REED CITY, MICHIGAN 49677

(231) 832-6118

www.osceola-county.org/

AUTHORITY: P.A. 230 OF 1972, AS AMENDED
COMPLETION: MANDATORY TO OBTAIN PERMIT
PENALTY: PERMIT CAN NOT BE ISSUED

I. JOB LOCATION

Name of Owner/Agent	Has a building permit been obtained for this project?		
	YES	NO	NOT REQUIRED
Street Address & Job Location (Street No. and Name)	City/Village	Township	County OSCEOLA

II. CONTRACTOR/HOMEOWNER INFORMATION

Contractor Homeowner	Name of Contractor or Homeowner	Contractor License #	Expiration Date
Address	City	State	Zip Code
Telephone Number	Federal Employer ID Number (or reason for exemption)		
Workers Compensation Insurance Carrier (or reason for exemption)	MESC Employer Number (or reason for exemption)		

III. TYPE OF JOB

Single Family	New	Special Inspection	State Owned
Other	Alteration	Premanufactured Home Setup (State Approved) Manufactured Home Setup (HUD Mobile Home)	School

IV. PLAN REVIEW REQUIRED

Plans must be submitted with an Application for Plan Examination and the appropriate deposit before a permit can be issued, except as listed below.

Plans are not required for the following:

- One-and-two-family dwelling when the total building heating/cooling system input rating is 375,000 Btu's or less.
- Alterations and repair work determined by the mechanical official to be of a minor nature.
- Business, mercantile, and storage buildings having HVAC equipment only, with one fire area and not more than 3,500 square feet.
- Work completed by a governmental subdivision or state agency costing less than \$15,000.00

If work being performed is described above, check box below "Plans Not Required."

What is the building size in square footage? _____

What is the input rating of the heating system in this building? _____

Plans are required for all other building types and shall be prepared by or under the direct supervision of an architect or engineer licensed pursuant to 1980 PA 299 and shall bear that architect's or engineer's signature and seal.

Plan Review Submission No. _____ **Plans Not Required**

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V. APPLICANT SIGNATURE

Section 23a of the state construction code act of 1972, 1972 PA 230, MCL 125.1523A, prohibits a person from conspiring to circumvent the licensing requirements of this state relating to persons who are to perform work on a residential building or a residential structure. Violators of section 23a are subjected to civil fines.

Signature of Contractor or Homeowner (Homeowner signature indicates compliance with Section VI. Homeowner Affidavit)	Date
--	------

VI. HOMEOWNER AFFIDAVIT

I hereby certify the mechanical work described on this permit application shall be installed **by myself in my own home** in which I am living or about to occupy. All work shall be installed in accordance with the State Mechanical Code **shall not be enclosed, covered up, or put into operation** until it has been inspected and approved by the County Mechanical Inspector. I will cooperate with the County Mechanical Inspector and assume the responsibility to arrange for necessary inspections.

VII. FEE CHART

#2, Residential Heating System: This item is used for the installation of a heating system in a new residential structure. Items #11 Gas Piping and #26 Duct need not be added. Replacement systems should be itemized.

	FEE	# of item	TOTAL		FEE	# of item	TOTAL
1. Application Fee (non-refundable)	\$75.00	1	\$75.00	25. Exhausters (commercial)	\$15.00		
2. Residential Heating System (includes duct & pipe) New Building Only**	\$50.00			26. Duct – minimum fee \$25.00	.10/ft.		
3. Gas/Oil Burning Equipment (furnace, roof top units, generators)	\$30.00			27. Heat Pumps; Commercial (pipe not included)	\$20.00		
4. Boiler	\$30.00			Air Handlers/Heat Wheels			
5. Water Heater (gas piping & venting-direct replacement only)	\$5.00			28. Under 10,000 CFM	\$20.00		
6. Damper (control, back-draft, barometric or fire/smoke)	\$5.00			29. Over 10,000 CFM	\$60.00		
7. Solid Fuel Equipment (includes chimney)	\$30.00			30. Commercial Hoods	\$15.00		
8. Chimney, factory built (installed separately), B Vent, PVC Venting	\$25.00			31. Heat Recovery Units	\$10.00		
9. Gas Burning Fireplace	\$30.00			32. V.A.V. Boxes (all variable volume or zone damper equipment)	\$10.00		
10. Solar; set of 3 panels-fluid transfer (includes piping)	\$20.00			33. Unit Ventilators/PTAC	\$10.00		
11. Gas Piping; each opening-new install (residential)	\$ 5.00			34. Unit Heaters (terminal units)	\$15.00		
12. Air Conditioning (incl. split systems) RTU-Cooling Only	\$30.00			35. Fire Suppression/Protection (includes piping)-minimum fee \$20.00	\$.75/ head		
13. Heat Pumps (split systems) or Geothermal (complete residential)	\$30.00			36. Coils (Heat/Cool)	\$30.00		
14. Dryer, Bath & Kitchen Exhaust (residential ducting not included)	\$5.00			37. Refrigeration (split system)	\$30.00		
15. Humidifiers/Air Cleaners	\$10.00			Chiller/Cooling Towers			
Tanks				Chiller/Cooling Towers			
16. Aboveground (other than L.P)	\$20.00			38. Chiller-Refrigeration	\$30.00		
17. Aboveground Connection	\$20.00			39. Chiller-Air Conditioning	\$30.00		
18. Underground (other than L.P)	\$25.00			40. Cooling Towers-Refrigeration	\$30.00		
19. Underground Connection	\$25.00			41. Cooling Towers-Air Conditioning	\$30.00		
Piping (ALL piping-minimum fee \$25.00)				42. Compressor/Condenser	\$30.00		
20. Fuel Gas Piping	\$.05/ft			Inspections			
21. Process Piping	\$.05/ft			43. Special Insp. (pertaining to sale of bldg)	\$75.00		
22. Hydronic Piping	\$.05/ft			44. Additional Inspection	\$75.00		
23. Refrigeration Piping	\$.05/ft			45. Final Inspection	\$75.00	1	\$75.00
24. Commercial Air Conditioning Piping	\$.05/ft			46. Certification Fee	\$30.00		

Osceola County will not discriminate against any individual or group because of race, sex, religion, age, national origin, color, marital status, handicap or political beliefs.

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TOTAL FEES

IX. INSTRUCTIONS FOR COMPLETING APPLICATION

GENERAL: Mechanical work shall not be started until the application for permit has been filed with Osceola County. All installations shall be in conformance with the State Mechanical Code. No work shall be concealed until it has been inspected. The telephone number for the inspector will be provided on the permit form. When ready for an inspection, call the inspector providing as much advance notice as possible. The inspector will need the job location and permit number.

EXPIRATION OF PERMIT: A permit remains valid as long as work is progressing and inspections are requested and conducted. A permit shall become invalid if the authorized work is not commenced within six months after issuance of the permit or if the authorized work is suspended or abandoned for a period of six months after the time of commencing the work. A PERMIT WILL BE CLOSED WHEN NO INSPECTIONS ARE REQUESTED AND CONDUCTED WITHIN 180 DAYS OF THE DATE OF ISSUANCE OR THE DATE OF A PREVIOUS INSPECTION. CLOSED PERMITS CANNOT BE REFUNDED. THE CHARGE TO RE-OPEN A CLOSED PERMIT IS \$75.00

WHERE TO SUBMIT APPLICATION: This application should be submitted to the Osceola County Building Department, Attention- Mechanical Inspector, 4323 220th Avenue, Reed City, Michigan 49677. Questions regarding this application or code questions may be directed to the Inspections Department at (231) 832-6118.

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Building Permit Application

NOV 13 2014

2013

OSCEOLA COUNTY BUILDING DEPARTMENT

4323 220th Avenue
Reed City, Michigan 49677

www.osceola-county.org/

OFFICE OF
ADMINISTRATIVE SERVICES

Phone (231)832-6117 or (231)832-6118

Fax (231)832-7345

AUTHORITY: P.A. 230 of 1972, AS AMENDED COMPLETION MANDATORY TO OBTAIN PERMIT PENALTY: PERMIT WILL NOT BE ISSUED	THE DEPARTMENT WILL NOT DISCRIMINATE AGAINST ANY INDIVIDUAL OR GROUP BECAUSE OF RACE, SEX, RELIGION, AGE, NATIONAL ORIGIN, COLOR, MARITAL STATUS, HANDICAP, OR POLITICAL BELIEFS,
--	---

APPLICANT TO COMPLETE ALL ITEMS IN SECTION I,II,III,IV,V AND VI

NOTE: Separate Applications must be Completed for Plumbing, Mechanical and Electrical Work Permits

I. PROJECT INFORMATION		PROPERTY #	
TYPE OF PROJECT		ADDRESS OF LOCATION	
<input type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Township OF:		OSCEOLA COUNTY	ZIP
DIRECTIONS TO SITE			
II. Applicant/Facility Contact Information			
A. Applicant			
NAME		ADDRESS	
CITY	STATE	ZIP	TELEPHONE
B. Owner or Lessee			
NAME		ADDRESS	
CITY	STATE	ZIP	TELEPHONE
C. ARCHITECT OR ENGINEER			
NAME		ADDRESS	
CITY	STATE	ZIP	TELEPHONE
LICENSE NO.			EXPIRATION DATE
D. CONTRACTOR			
NAME		ADDRESS	
CITY	STATE	ZIP	TELEPHONE
BUILDERS LICENSE NUMBER			EXPIRATION DATE
FEDERAL EMPLOYER ID NUMBER(or reason for exemption)			
WORKERS COMP INSURANCE CARRIER (or reason for exemption)			
UNEMPLOYMENT INSURANCE AGENCY EMPLOYER ACCOUNT NUMBER (or reason for exemption)			

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3A

III. TYPE OF IMPROVEMENT AND PLAN REVIEW

Type of Improvement		Cost of Improvement				
1. <input type="checkbox"/> New Building	2. <input type="checkbox"/> Addition	3. <input type="checkbox"/> Alteration	4. <input type="checkbox"/> Repair	5. <input type="checkbox"/> Wrecking		
6. <input type="checkbox"/> Mobile Home Set-up	7. <input type="checkbox"/> Foundation Only	8. <input type="checkbox"/> Premanufacture	9. <input type="checkbox"/> Relocation	10. <input type="checkbox"/> Special Inspection		

B. PLAN REVIEW REQUIRED

A set of construction documents are required with each application for a permit, unless waived by the building official when code compliance can be determined based on the description in the application.

Construction documents must be sealed and signed by an architect or professional engineer in accordance with 1980, PA 299 as amended. The seal and signature is not required for one and two family dwellings less than 3,500 square feet of calculated floor area and public works less than \$15,000 in total construction cost.

IV. Plan Review Information

A. Residential Buildings Regulated by the Michigan Residential Code

<input type="checkbox"/> One Family	<input type="checkbox"/> Townhouse	<input type="checkbox"/> Detached Garage
<input type="checkbox"/> Two Or More Family (No. Of Units _____)	<input type="checkbox"/> Attached Garage	<input type="checkbox"/> Other

B. Buildings Regulated by the Michigan Building Code

<input type="checkbox"/> A-1 ASSEMBLY (Theatres, Etc.)	<input type="checkbox"/> H-1 HIGH HAZARD (Detonation)	<input type="checkbox"/> M Mercantile
<input type="checkbox"/> A-2 ASSEMBLY (Restaurants, Bars, Etc.)	<input type="checkbox"/> H-2 HIGH HAZARD (Deflagration)	<input type="checkbox"/> R-1 RESIDENTIAL 1 (Hotels, Motels)
<input type="checkbox"/> A-3 ASSEMBLY (Churches, Libraries, Etc.)	<input type="checkbox"/> H-3 HIGH HAZARD (Combustion)	<input type="checkbox"/> R-2 RESIDENTIAL 2 (Multiple Family)
<input type="checkbox"/> A-4 ASSEMBLY (Indoor sports, Etc.)	<input type="checkbox"/> H-4 HIGH HAZARD (Health Hazard)	<input type="checkbox"/> R-3 RESIDENTIAL 3 (Child & Adult)
<input type="checkbox"/> A-5 ASSEMBLY (Outdoor sports, Etc.)	<input type="checkbox"/> H-5 HIGH HAZARD (HPM)	<input type="checkbox"/> R-4 RESIDENTIAL 4 (Assisted Living)
<input type="checkbox"/> B Business	<input type="checkbox"/> I-1 INSTITUTIONAL 1 (Supervised)	<input type="checkbox"/> S-1 STORAGE 1 (Moderate Hazard)
<input type="checkbox"/> E Education	<input type="checkbox"/> I-2 INSTITUTIONAL 2 (Hospital Etc.)	<input type="checkbox"/> S-2 STORAGE 2 (Low Hazard)
<input type="checkbox"/> F-1 FACTORY (Moderate Hazard)	<input type="checkbox"/> I-3 INSTITUTIONAL 3 (Prisons Etc.)	<input type="checkbox"/> U UTILITY (Miscellaneous)
<input type="checkbox"/> F-2 FACTORY (Low Hazard)	<input type="checkbox"/> I-4 INSTITUTIONAL 4 (DayCare Etc.)	

Alteration, repairs and additions- Provide a description of the work to be covered by the building permit. As examples; 20,000 square foot school roof covering, building a 2,300 square foot addition, replace 5 exterior doors, renovate basement in residence, etc.

V. Building Data

A. Type of Mechanical

<input type="checkbox"/> Gas	<input type="checkbox"/> Oil	<input type="checkbox"/> Electricity	<input type="checkbox"/> Coal	<input type="checkbox"/> Other
------------------------------	------------------------------	--------------------------------------	-------------------------------	--------------------------------

Will there be air conditioning Yes No Will there be fire suppression Yes No

B. Type of Construction

<input type="checkbox"/> 1A- Non Combustible (Protected Structural Elements) 3HR	<input type="checkbox"/> 1B- Non Combustible (Rated Structural Elements) 2HR	<input type="checkbox"/> 2A- Non Combustible (Rated Structural Elements) 1 HR
<input type="checkbox"/> 2B- Non Combustible (Non Rated Structural Elements)	<input type="checkbox"/> 3A- Non Combustible (Exterior Walls Only)	<input type="checkbox"/> 3B- Non Combustible (Bearing Walls Rated)
<input type="checkbox"/> 4- Heavy Timber	<input type="checkbox"/> 5A- Combustible (Structural Elements Rated) 1HR	<input type="checkbox"/> 5B- Combustible (All Elements Not Rated)

C. Dimensions/Data

Floor Area:	Existing	Alterations	New
Basement	_____	_____	_____
1st & 2nd Floor	_____	_____	_____
3rd - 10th Floor	_____	_____	_____
11th and Above	_____	_____	_____
TOTAL AREA			

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ADMINISTRATIVE SERVICES

G. NUMBER OF OFF STREET PARKING SPACES

Enclosed _____	Outdoors _____
----------------	----------------

Osceola County

1B
3A

VI. Signature

I HERBY CERTIFY THAT THE PROPOSED WORK IS AUTHORIZED BY THE OWNER OF RECORD AND THAT I HAVE BEEN AUTHORIZED BY THE OWNER TO MAKE THIS APPLICATION AS HIS/HER AUTHORIZED AGENT, AND WE AGREE TO CONFORM TO ALL APPLICABLE LAWS OF THE STATE OF MICHIGAN. ALL INFORMATION SUBMITTED ON THIS APPLICATION IS ACCURATE TO THE BEST OF MY KNOWLEDGE.

Section 23a of the state construction code act of 1972, 1972 PA 230, MCL 125.1523a, prohibits a person from conspiring to circumvent the licensing requirements of this state relating to persons who are to perform work on a residential building or a residential structure. Violators of section 23a are subjected to civil fines.

SIGNATURE OF OWNER(Required)	TYPE OF PRINT
SIGNATURE OF OWNERS AGENT	TYPE OF PRINT
Plan Review Fee Enclosed	Building Permit Fee Enclosed

VII. LOCAL GOVERNMENTAL AGENCY TO COMPLETE THIS SECTION

ENVIRONMENTAL CONTROLS APPROVALS

	REQUIRED	APPROVED	DATE	NUMBER	BY
A. ZONING	[] Yes [] No				
B. FIRE DISTRICT	[] Yes [] No				
C. POLLUTION CONTROL	[] Yes [] No				
D. NOISE CONTROL	[] Yes [] No				
E. SOIL EROSION	[] Yes [] No				
F. FLOOD ZONE	[] Yes [] No				
G. WATER SUPPLY	[] Yes [] No				
H. SEPTIC SUPPLY	[] Yes [] No				
I. VARIANCE GRANTED	[] Yes [] No				
J. DRIVEWAY	[] Yes [] No				

VIII. VALIDATION- For Department Use Only

USE GROUP _____	APPLICATION FEE (non-refundable)	RECEIVED NOV 13 2014
TYPE OF CONSTRUCTION _____	NUMBER OF INSPECTIONS _____	
SQUARE FEET _____	CERTIFICATE OF OCCUPANCY _____	
Approval Signature _____	OFFICE OF ADMINISTRATIVE SERVICES	
Title _____	Date _____	

Osceola County

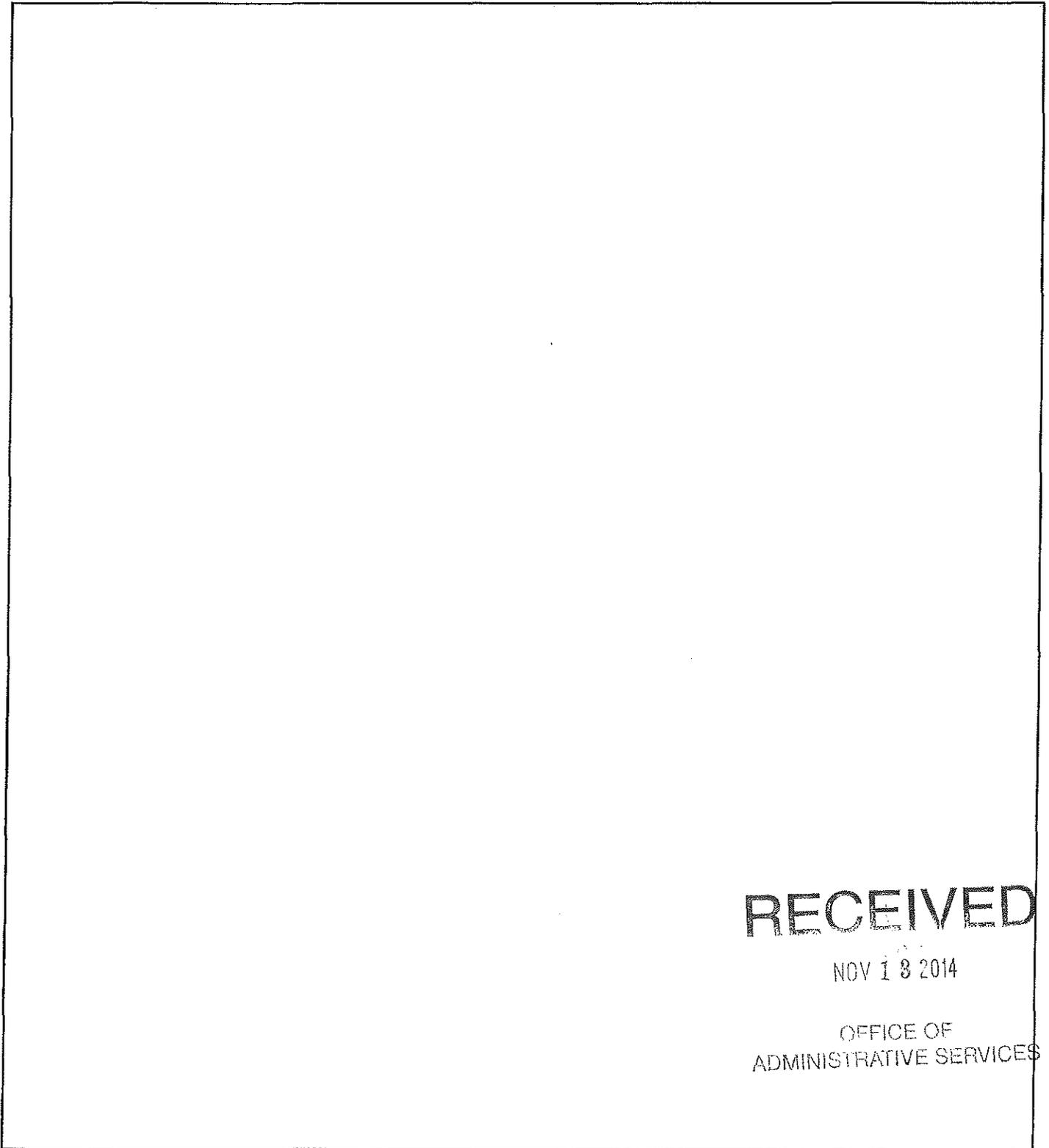
1B
3A

IX. SITE OR PLOT PLAN-FOR APPLICANT USE

PLEASE SHOW:

PLACEMENT OF PROJECT
DISTANCE TO OTHER BUILDINGS
DISTANCE FROM LOT LINES
PLACEMENT OF DRIVEWAY

NORTH



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OFFICE OF
ADMINISTRATIVE SERVICES

SOUTH

ELECTRICAL PERMIT APPLICATION

1B
3A

OSCEOLA COUNTY BUILDING DEPARTMENT

7-1-13

POWER CO

4323 220th AVENUE

PROPERTY #

REED CITY, MICHIGAN 49677

(231) 832-6118

AUTHORITY: P.A. 230 OF 1972, AS AMENDED
COMPLETION: MANDATORY TO OBTAIN PERMIT
PENALTY: PERMIT CAN NOT BE ISSUED

I. JOB LOCATION

Name of Owner/Agent	Has a building permit been obtained for this project? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required		
Street Address & Job Location (Street No. and Name)	City/Village	Township	County OSCEOLA

II. CONTRACTOR/HOMEOWNER INFORMATION

<input type="checkbox"/> Contractor <input type="checkbox"/> Homeowner	Name	State License Number	Expiration Date
Address		State Registration Number	Local Licensing Jurisdiction
City	State	Zip Code	Local License Number Expiration Date
Telephone Number		Federal Employer ID Number (or reason for exemption)	
Workers Compensation Insurance Carrier (or reason for exemption)		MESC Employer Number (or reason for exemption)	

III. TYPE OF JOB

<input type="checkbox"/> Single Family	<input type="checkbox"/> New	<input type="checkbox"/> Service Only	<input type="checkbox"/> Premanufactured Home Setup (State Approved)	<input type="checkbox"/> State Owned
<input type="checkbox"/> Other	<input type="checkbox"/> Alteration	<input type="checkbox"/> Special Inspection	<input type="checkbox"/> Manufactured Home Setup (HUD Mobile Home)	<input type="checkbox"/> School

IV. PLAN REVIEW REQUIRED

Plans must be submitted with an Application for Plan Examination and the appropriate deposit before a permit can be issued, except as listed below.

Have plans been submitted? YES NO NOT REQUIRED

1. When the electrical system rating does not exceed 400 amps and the building is not over 3,500 square feet in area.
2. Work completed by a governmental subdivision or state agency costing less than \$15,000.00.

What is the rating of the service or feeder in ampere? _____
What is the building size in square feet? _____

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Plans are required for all other building types and shall be prepared by or under the direct supervision of an architect or engineer licensed pursuant to Act No. 299 of the Public Acts of 1980, as amended, and shall bear that architect's or engineer's signature and seal.

V. APPLICANT SIGNATURE

Section 23a of the state construction code act of 1972, 1972 PA 230, MCL 125.1523A, prohibits a person from conspiring to circumvent the licensing requirements of this state relating to persons who are to perform work on a residential building or a residential structure. Violators of section 23a are subjected to civil fines.

Signature of Licensee or Homeowner <u>(Homeowner signature indicates compliance with Section VI. Homeowner Affidavit)</u>	Date
---	------

VI. HOMEOWNER AFFIDAVIT

I hereby certify the electrical work described on this permit application shall be installed by myself in my own home in which I am living or about to occupy. All work shall be installed in accordance with the State Electrical Code shall not be enclosed, covered up, or put into operation until it has been inspected and approved by the County Electrical Inspector. I will cooperate with the County Electrical Inspector and assume the responsibility to arrange for necessary inspections.

10
3K

	FEE	#ITEMS	TOTAL		FEE	#ITEMS	TOTAL
1. Application Fee (non-refundable)	\$75.00	1	\$75.00	K.V.A., and Solar Arrays			
Service:				19. Units up to 20 K.V.A. & H.P.	\$6.00		
2. Through 200 Amp.	\$10.00			20. Units 21 to 50 K.V.A. or H.P	\$10.00		
3. Over 200 Amp. Thru 600 Amp.	\$15.00			21. Units 51 K.V.A. or H.P and over	\$12.00		
4. Over 600 Amp. Thru 800 Amp.	\$20.00			Fire Alarm Systems (not smoke detectors)	\$50.00		
5. Over 800 Amp. Thru 1200 Amp.	\$25.00			22. Up to 10 devices			
6. Over 1200 Amp. GFI only	\$50.00			23. 11 to 20 devices	\$100.00		
7. Circuits	\$5.00			24. Over 20 devices	\$5.00 ea.		
8. Lighting Fixtures-per 25	\$6.00			Data/Telecommunications Outlets ***	\$5.00 ea.		
9. Dishwasher	\$5.00			31. 1-19 devices			
10. Furnace-Unit Heater	\$5.00			32. 20-300 devices	\$100.00		
11. Electrical Heating Units (baseboard)	\$4.00			33. Over 300 devices	\$300.00		
12. Power Outlets (ranges, dryer, etc.)	\$7.00			Energy Management Temp. Control	\$45.00		
Signs:				25. Energy Retrofit-Temp. Control			
13.. Unit	\$10.00			34. Devices-Energy Management	\$5.00 ea.		
14. Letter	\$15.00			26. Conduit only or grounding	\$45.00		
15. Neon	\$20.00			Inspections:			
16. Feeders-Bus Ducts, etc.-per 50'	\$6.00			27. Special Insp. (pertaining to sale of bldg) (does not include an electrical service insp.)	\$75.00		
17. Mobile Home Park Site*	\$6.00			28. Additional Inspection	\$75.00		
18. Recreational Vehicle Park Site	\$4.00			29. Final Inspection	\$75.00	1	\$75.00
				30. Certification Fee	\$30.00		
				Total Fee (Must include the \$75.00 non-refundable application fee and final inspection fee) Make Checks Payable to "Osceola County Building Department"			

*See VII. Fee Clarification Item #17 above.

*** The Michigan Electrical Code Rule no longer contains requirements to permit and inspect data/telecommunications wiring: therefore this section is voluntary.

VIII. INSTRUCTIONS FOR COMPLETING APPLICATION

GENERAL: Electrical work shall not be started until the application for permit has been filed with Osceola County. All installations shall be in conformance with the State Electrical Code. **No work shall be concealed until it has been inspected.** The telephone number for the inspector will be provided on the permit form. When ready for an inspection, call the inspector providing as much advance notice as possible. The inspector will need the **job location** and **permit number**.

EXPIRATION OF PERMIT: A permit remains valid as long as work is progressing and inspections are requested and conducted. A permit shall become invalid if the authorized work is not commenced within six months after issuance of the permit or if the authorized work is suspended or abandoned for a period of six months after the time of commencing the work. **A PERMIT WILL BE CLOSED WHEN NO INSPECTIONS ARE REQUESTED AND CONDUCTED WITHIN 180 DAYS OF THE DATE OF ISSUANCE OR THE DATE OF A PREVIOUS INSPECTION. CLOSED PERMITS CANNOT BE REFUNDED. THE CHARGE TO RE-OPEN A CLOSED PERMIT IS \$75.00**

WHERE TO SUBMIT APPLICATION: This application should be submitted to the Osceola County Building Department, Attention- Electrical Inspector, 4323 220th Avenue, Reed City, Michigan 49677. Questions regarding this application or code questions may be directed to the Inspections Department at (231) 832-6118.

IX. FEE CLARIFICATIONS

ITEM #17, MOBILE HOME UNIT SITE:

When installing a site service in a park, the permit application must include the application fee, service, plus the number of park sites and final inspection. When setting a HUD mobile home in a park, a permit must include the application fee, service, feeder and final inspection. This shall be done by a licensed electrical contractor. When setting a HUD mobile home or a premanufactured home on private property, a permit must include the application fee, service, feeder and final inspection.

Osceola County will not discriminate against any individual or group because of race, sex, religion, age, national origin, color, marital status, handicap or political beliefs.

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ALL STRUCTURES

Note: Sections in parenthesis are applicable sections of the 1999 National Electrical Code unless otherwise noted. 2000 ICC Electrical Code-Administrative Provisions (ICC®—EC) section numbers are shown in italics, preceded by "ICC®—EC" and 2000 International Building Code (IBC) section numbers are shown in italics, preceded by "IBC".

ELECTRIC EQUIPMENT, APPLIANCES, MATERIALS AND INSTALLATION

- Construction documents submitted (ICC®—EC 501.1, 501.2, 501.3, 503.1)
Equipment, approval, listing and installation instructions (110-2, 110-3; ICC®—EC 601.1, 1201.3)

WIRING METHODS AND MATERIALS (Article 300)

- Required
Shown

SERVICE (Article 230)

- Number of services (230-2)
Conductor size/rating (overhead) (230-23)
Conductor size/rating (underground) (230-31)
Insulation of service conductors (230-22, 230-30, 230-41)
Available fault current (110-9,110-10)
Working space (110-26, 110-32,110-34)
Disconnecting means (230-70[a][b][c])
Number of disconnects (230-71)
Grouping of disconnects (230-72)
Ground fault protection (230-95)
Protection of conductors rated 800 amperes or less (240-3[b])
Protection of conductors rated over 800 amperes (240-3[c])

OVERCURRENT PROTECTION (230-G)

- Where required (230-90)
Location (230-91)

GROUNDING (Article 250)

- Grounded conductor to service equipment (250-24[b])
Electrode system (250-C)
Conductors (250-F,250-66)

SEPARATELY DERIVED AC SYSTEMS (250-26)

- Grounding (250-20[d], 250-30)
Transformer overcurrent protection (600 volt, nominal or less) (450-3)
Primary/secondary (450-3[a][b][c], Table 450-3[b])
Ventilation (450-9, 450-45)

MEANS OF EGRESS (IBC 1003.2.10,1003.2.11)

- Exit signs and light (IBC 1003.2.10)
Means of egress lighting (IBC 1003.2.11)

EMERGENCY SYSTEMS (Article 700; ICC®—EC 1202.6; IBC 2702)

- Where required (IBC 2702.2.1-2702.2.19)
Power source (700-C)
Independent wiring (700-9[b])
Storage battery (700-12[a])
Generator set (700-12[b]; ICC®—EC 1202.9)
Separate service (700-12[d])
Unit equipment (700-12[e])
Signs (700-8, 701-9)
Loads on emergency branch circuits (700-15)

STANDBY SYSTEMS (Article 701; IBC 2702)

- Where required (IBC 2702.2.1-2702.2.19)
Capacity and rating (701-6)
Power source (701-C)
Storage battery (701-11[a])
Generator set (701-11[b]; ICC®—EC 1202.9)
Separate service (701-11[d])
Connected ahead of service disconnect (701-11[e])
Unit equipment (701-11[f])

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MISCELLANEOUS REQUIREMENTS

- _____ Wiring in ducts, plenums and other air handling spaces (300-22[c]; ICC®—EC 1202.8)
- _____ Rooftop receptacle (210-63; 210-8[b][2])
- _____ Fixture supports (410-16[c])
- _____ Identification (110-22; ICC®—EC 1202.12)
- _____ Conduit seals (refrigeration) (300-7)
- _____ Penetrations (ICC®—EC 1202.2)
- _____ Smoke alarms (ICC®—EC 1202.3, 1202.13, 1202.14)
- _____ Appliance access (ICC®—EC 1202.4)

- _____ Smoke control systems (ICC®—EC 1202.7)
- _____ Boiler control requirements (ICC®—EC 1202.11)

DISCONNECTING MEANS

- _____ Motors (430-J)
- _____ Appliances (422-C)
- _____ Elevators (620-F)

WET LOCATIONS

- _____ Electric metallic tubing (348-4)
- _____ Conductors (310-8, Table 310-13)
- _____ Lighting fixtures (410-4[a])

RESIDENTIAL*

CONSTRUCTION DOCUMENTS

- _____ Submitted (ICC®—EC 501.1, 501.2, 501.3, 503.1)

- _____ Small appliance (210-11[c][1])
- _____ Laundry (210-11[c][2])
- _____ Bathroom (210-11[c][3])

RECEPTACLES REQUIRED (210-52)

- _____ Ground fault circuit interrupter (210-8)
- _____ Receptacle spacing (210-52[a])
- _____ Receptacle grounding (210-7)
- _____ Counter tops (210-52[c])
- _____ Bathroom (210-52[d], 210-8[a][1])
- _____ Outdoor (210-52[e])
- _____ Laundry areas (210-52[f])
- _____ Basements and garages (210-52[g])
- _____ Hallways (210-52[h])

REQUIRED LIGHTS (210-70)

- _____ Dwelling units (210-70[a][b][c])
 - _____ Bathroom
 - _____ Hallway
 - _____ Stairways
 - _____ Attached garage
 - _____ Outdoor entrance

CIRCUITS REQUIRED (220-11)

- _____ Number (210-11[a])

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Basement

Guest room (210-70[b])

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* Other than detached one-and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories high with separate means of egress which are regulated by the International Residential Code (IBC 101.2)

PLUMBING PERMIT APPLICATION

OSCEOLA COUNTY BUILDING DEPARTMENT

4323 220th AVENUE

7-1-13

13
3A

PROPERTY #

REED CITY, MICHIGAN 49677

(231) 832-6118

www.osceola-county.org/

AUTHORITY: P.A. 230 OF 1972, AS AMENDED
COMPLETION: MANDATORY TO OBTAIN PERMIT
PENALTY: PERMIT CAN NOT BE ISSUED

I. JOB LOCATION

Name of Owner/Agent	Has a building permit been obtained for this project?		
	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> NOT REQUIRED
Street Address & Job Location (Street No. and Name)	City/Village	Township	County OSCEOLA

II. CONTRACTOR/HOMEOWNER INFORMATION

<input type="checkbox"/> Contractor <input type="checkbox"/> Master	<input type="checkbox"/> Homeowner <input type="checkbox"/> Water Treatment Installer	Name of Plumbing Contractor or Homeowner	Contractor License #	Expiration Date
Address		City	State	Zip Code
Telephone Number		Federal Employer ID Number (or reason for exemption)		
Workers Compensation Insurance Carrier (or reason for exemption)		MESC Employer Number (or reason for exemption)		
Name of Master Plumber		Master License Number	Expiration Date	
Business/Branch Address		City	State	Zip Code

III. TYPE OF JOB

<input type="checkbox"/> Single Family	<input type="checkbox"/> New	<input type="checkbox"/> Sewer Only	<input type="checkbox"/> Water Service Only	<input type="checkbox"/> Premanufactured Home Setup (State Approved)	<input type="checkbox"/> State Owned
<input type="checkbox"/> Other	<input type="checkbox"/> Alteration	<input type="checkbox"/> Special Inspection	<input type="checkbox"/> Manufactured Home Setup (HUD Mobile Home)	<input type="checkbox"/> School	

IV. PLAN REVIEW REQUIRED

Plans must be submitted with an Application for Plan Examination and the appropriate deposit before a permit can be issued, except as listed below.

Plans are not required for the following:

- One-and-two-family dwelling containing not more than 3,500 square feet of building area.
- Alterations and repair work determined by the plumbing official to be of a minor nature.
- Buildings with a required plumbing fixture count less than 12.
- Work completed by a governmental subdivision or state agency costing less than \$15,000.00

If work being performed is described above, check box below **Plans Not Required**.

Plans are required for all other building types and shall be prepared by or under the direct supervision of an architect or engineer licensed pursuant to 1980 PA 299 and shall bear that architect=s or engineer=s signature and seal.

Plan Review Submission No. _____ Plans Not Required

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V. APPLICANT SIGNATURE

Section 23a of the state construction code act of 1972, 1972 PA 230, MCL 125.1523A, prohibits a person from conspiring to circumvent the licensing requirements of this state relating to persons who are to perform work on a residential building or a residential structure. Violators of section 23a are subjected to civil fines.

Signature of Plumbing Contractor, Master Plumber, Water Treatment Installer, or Homeowner (Homeowner signature indicates compliance with Section VI. Homeowner Affidavit)	Date
---	------

VI. HOMEOWNER AFFIDAVIT

I hereby certify the plumbing work described on this permit application shall be installed by myself in my own home in which I am living or about to occupy. All work shall be installed in accordance with the State Plumbing Code shall not be enclosed, covered up, or put into operation until it has been inspected and approved by the County Plumbing Inspector. I will cooperate with the County Plumbing Inspector and assume the responsibility to arrange for necessary inspections.

VIIa. FEE CLARIFICATION

ITEM #2, MOBILE HOME UNIT SITE: WHEN items is used for sewer excavations in a new park, the permit application should include the application fee plus the number of unit sites. WHEN setting a mobile home in a park, or a mobile or modular home on private property, a permit should include the application fee, a sewer or building drain and a water service or water distribution pipe. All fixtures added to basement or underground work need to be added to permit.

COMPLETE APPLICATION ON BACK SIDE

VIIb. FEE CLARIFICATION

ITEM #3, FIXTURES, FLOOR DRAINS, SPECIAL DRAINS, & WATER CONNECTED APPLIANCES INCLUDE:

Water Closets	Sink (any description)	Slop Sink	Drinking Fountain	Floor Drain	Water Outlet or Connection to any Make-Up Water Tank
Bathtub	Emergency Eye Wash	Bidet	Condensate Drain	Roof Drain	Water Outlet or Connection to Heating System
Lavatories	Emergency Shower	Cuspidor	Washing Machine	Grease Trap	Water to Outlet or Connection to Filters
Shower Stall	Garbage Grinder	Dishwasher	Acid Waste Drain	Starch Trap	Connection to Sprinkler System (Irrigation)
Laundry Tray	Water Outlet Cooler	Refrigerator	Embalmng Table	Plaster Trap	Water Connected Sterilizer
Urinal	Ice Making Machine	Water Heater	Bed Pan Washer	Water Softner	Water Connected Dental Chair
Autopsy	Water Connected Still			Water Connection	to Carbonated Beverage Dispenser

PLUS ANY OTHER FIXTURE, DRAIN, OR WATER CONNECTED APPLIANCE NOT SPECIFICALLY LISTED

ITEM #25, DOMESTIC WATER TREATMENT AND FILTERING EQUIPMENT: A license is not required for the installation of domestic water treatment and filtering equipment that requires modification to an existing cold water distribution supply and associated waster piping in buildings if a permit is secured, required inspections performed, and the installation complies with the applicable code. If the enforcing agency determines a violation exists, it shall be corrected by the responsible installer. The permit application shall include the application fee, the number of water treatment devices recorded in Item #25 (see item 3) for \$5.00 each, and the appropriate water distribution pipe (system) size fee.

ITEM #26, MEDICAL GAS SYSTEMS shall include the application fee, one Special/Safety Inspection-Medical Gas System #26 (see item #21), and the estimated number of additional inspections in #22.

VIII. FEE CHART- Enter the number of items being installed, multiply by the unit price for total fee.

	FEE	#ITEMS	TOTAL		FEE	#ITEMS	TOTAL
1. Application fee (non-refundable)	\$75.00		\$75.00	13. Manholes, Catch Basins	\$5.00 each		
2. Mobile Home Park Site*	\$5.00 each			Watering Distributing Pipe (system)			
3. Fixtures, floor drains, special drains, water connected appliances	\$5.00 each			14. 3/4" Water Distribution Pipe	\$ 5.00		
4. Stacks (soil, waste, vent and conductors)	\$3.00 each			15. 1" Water Distribution Pipe	\$10.00		
5. Sewage ejectors, sumps	\$5.00 each			16. 1 1/4" Water Distribution Pipe	\$15.00		
6. Sub-soil drains	\$5.00 each			17. 1 1/2" Water Distribution Pipe	\$20.00		
Water Service 7. Less than 2"	\$ 5.00			18. 2" Water Distribution Pipe	\$25.00		
8. 2" to 6"	\$25.00			19. Over 2" Water Distribution Pipe	\$30.00		
9. Over 6"	\$50.00			20. Reduced pressure zone back-flow preventer	\$5.00 each		
10. Connection bldg. Drain-bldg. sewers	\$ 5.00			21. Domestic water treatment and filtering Equipment only**	\$5.00 each		
Sewers (sanitary, storm, or combined)	\$ 5.00			22. Medical Gas System	\$45.00		
11. Less than 6"				23. Special Inspections (pertaining to a sale)	\$75.00		
12. 6" and Over	\$25.00			24. Additional Inspection	\$75.00		
13. Manholes, Catch Basins	\$5.00 each			25. Final Inspection	\$75.00		\$75.00
				26. Certification Fee	\$30.00		

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TOTAL FEES

IX. INSTRUCTIONS FOR COMPLETING APPLICATION

GENERAL: Plumbing work shall not be started until the application for permit has been filed with Osceola County. All installations shall be in conformance with the State Plumbing Code. No work shall be concealed until it has been inspected. The telephone number for the inspector will be provided on the permit form. When ready for an inspection, call the inspector providing as much advance notice as possible. The inspector will need the job location and permit number.

EXPIRATION OF PERMIT: A permit remains valid as long as work is progressing and inspections are requested and conducted. A permit shall become invalid if the authorized work is not commenced within six months after issuance of the permit or if the authorized work is suspended or abandoned for a periods of six months after the time of commencing the work. **A PERMIT WILL BE CLOSED WHEN NO INSPECTIONS ARE REQUESTED AND CONDUCTED WITHIN 180 DAYS OF THE DATE OF ISSUANCE OR THE DATE OF A PREVIOUS INSPECTION. CLOSED PERMITS CANNOT BE REFUNDED. THE CHARGE TO RE-OPEN A CLOSED PERMIT IS \$75.00**

WHERE TO SUBMIT APPLICATION: This application should be submitted to the Osceola County Building Department, Attention- Plumbing Inspector, 4323 220th Avenue, Reed City, Michigan 49677. Questions regarding this application or code questions may be directed to the Inspections Department at (231) 832-6118.

Osceola County will not discriminate against any individual or group because of race, sex, religion, age, national origin, color, marital status, handicap or political beliefs.

**Residential Plan Review
Based on the**

Permit Applicant: _____

Mailing Address: _____

Telephone Number: _____

Owner: _____

Job Address: _____

Use Group: _____

Construction Type: _____

Square Footage: _____

Reviewed By: _____

Inspector's Name and Telephone No: _____

Date Completed: _____

- The plans are approved subject to field inspection.
- The plans are approved subject to field inspection and compliance with the plan review comments indicated on the attached plan review check list.
- The application and/or plans are not approved. You must respond to each item of this plan review in writing.

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PLAN REVIEW CHECKLIST

Administration	
<input type="checkbox"/>	There is no signature on the permit application
<input type="checkbox"/>	Builder's license or registration number is not indicated.
<input type="checkbox"/>	Worker's compensation insurance carrier or reason for exemption is not indicated.
<input type="checkbox"/>	MESC employer number or reason for exemption is not indicated.
<input type="checkbox"/>	Federal employer ID number or reason for exemption is not indicated.
<input type="checkbox"/>	No zoning approval indicated.
<input type="checkbox"/>	Plans and specifications were not submitted with the application.
<input type="checkbox"/>	The plans submitted require an architects or an engineers seal and original signature.
Location on Lot	
<input type="checkbox"/>	One hour rating for exterior walls located less than 3 feet from the property line. R302.1
<input type="checkbox"/>	Exterior wall openings. R302.2
Attached Garages	
<input type="checkbox"/>	Garage dwelling separation: 1/2" gypsum board or equivalent on the garage side. R309.2
<input type="checkbox"/>	Door: 1-3/8" minimum solid or 20 minute fire rated doors. R309.1
<input type="checkbox"/>	Floor shall slope to main vehicle entry doorway or a drain. R309.3
Interior Environmental Requirements	
<input type="checkbox"/>	Light required; minimum 8% of floor area. R303.1
<input type="checkbox"/>	Ventilation required; minimum 4% of floor area. R303.1
<input type="checkbox"/>	Habitable room; minimum ceiling height 7'-0". R305.1
<input type="checkbox"/>	Sloped ceiling. R305.1, Exception 3

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<input type="checkbox"/>	Roof space ventilation. R806	
<input type="checkbox"/>	Crawl space ventilation. R408.1 and R408.2	
<input type="checkbox"/>	Crawl space access 18" x 24". R408.3	
Means of Egress		
<input type="checkbox"/>	Basements with habitable space and every sleeping room shall have one openable emergency escape window. Opening 5.7 square feet, (grade floor 5 square feet). 24" net clear height. 20" net clear width. Maximum sill height = 44". R310.1.1, R310.1.2, R310.1.3	
<input type="checkbox"/>	Exit door (minimum size 3'-0" x 6'-8"). R311.1 and R311.3	
<input type="checkbox"/>	Locks and latches. R311.2	
<input type="checkbox"/>	Passageways: Minimum clear width = 36". R311.4	
Stairways		
<input type="checkbox"/>	Minimum width = 3'. R314.1	
<input type="checkbox"/>	Minimum landing = 3' x 3'. R312.1 and R312.2	
<input type="checkbox"/>	Stair rise = 8-1/4" maximum,. R314.2	
<input type="checkbox"/>	Tread width = 9" minimum. R314.2	
<input type="checkbox"/>	A nosing shall be provided on stairways with solid risers (minimum 3/4", maximum 1-1/4") R314.2.1	<p>RECEIVED</p> <p>NOV 13 2014</p> <p>OFFICE OF ADMINISTRATIVE SERVICES</p>
<input type="checkbox"/>	Headroom = 6'-8" minimum. R314.3	
<input type="checkbox"/>	Winders. 6" minimum at narrowest point of tread. 10" minimum at a point 12" from the narrowest point of tread. R314.4	

<input type="checkbox"/>	Spiral stairways. R314.5	
<input type="checkbox"/>	All stairways shall be provided with a means of illumination. The control for activation of the required interior stairway lighting shall be operable from the top and bottom of each stairway without traversing any step of the stair. Exterior stairs shall be controlled from inside the dwelling. R303.4, R303.4.1	
Guardrails		
<input type="checkbox"/>	Required for balconies, open sides of stairs or raised floor surfaces more than 30" above the floor. R316.1	
<input type="checkbox"/>	Guardrail height: 36" minimum. R316.1	
<input type="checkbox"/>	Opening limitations: Such that a 4" sphere cannot penetrate it. Required guards shall not be constructed with horizontal rails that result in a ladder effect. R316.2	
Handrails		
<input type="checkbox"/>	34" minimum height, 38" maximum height. R315.1	
<input type="checkbox"/>	Handrails required for stairs with 3 or more risers.	
Fire-Resistive Construction		
Firestopping required. R602.8, R602.8.1		
<input type="checkbox"/>	Concealed wall spaces.	
<input type="checkbox"/>	Connection between horizontal and vertical spaces (soffits, dropped ceilings, etc.).	
<input type="checkbox"/>	Stairways.	
<input type="checkbox"/>	Ceiling and floor openings (vents, pipes, ducts, chimneys, fireplaces, etc.)	
<input type="checkbox"/>	Access to attic: Minimum size 22" x 30". R807.1	

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Smoke Detectors	
Smoke detectors shall be wired, interconnected, and provided with battery backup when appropriate, in the following locations. R317	
<input type="checkbox"/>	In the immediate vicinity of the bedrooms.
<input type="checkbox"/>	In all bedrooms.
<input type="checkbox"/>	In each story within the dwelling unit including basements.
Foundations	
<input type="checkbox"/>	Design criteria. R301.2
<input type="checkbox"/>	Wood Foundations: Designed in accordance with AF+PA Report No. 7 and Chapter 4.
<input type="checkbox"/>	Footing size. R403.1, Table R403.1
<input type="checkbox"/>	Foundation wall size. R404, Table R404.1.1(1)-(4)
<input type="checkbox"/>	Waterproofing required. R406.2
<input type="checkbox"/>	Damp-proofing required. R406.1
<input type="checkbox"/>	Foundation drain required. R405.1
<input type="checkbox"/>	Site grading: Slope 6" within first 10' from house. R401.3
<input type="checkbox"/>	Foundation anchorage: 1/2" diameter bolts at 6' o.c. and within 12" from corner, 7" embedment in concrete and masonry. Anchor straps shall be spaced and installed in compliance with manufacturers' specifications. R403.1.6
<input type="checkbox"/>	Column and post connection required. R407.3
<input type="checkbox"/>	Beam and girder bearing. R502.6
<input type="checkbox"/>	Mobile home tie-downs required. Appendix E, 604.1

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<input type="checkbox"/>	Vapor barrier of 6 mil plastic is required under the basement floor. R506.2.3	
Walls		
<input type="checkbox"/>	Identification. R602.1	
<input type="checkbox"/>	Stud spacing. R602.3.1, Table R602.3.1	
<input type="checkbox"/>	Top plate. R602.3.2	
<input type="checkbox"/>	Drilling and notching studs. R602.6	
<input type="checkbox"/>	Bracing. Corner bracing and every 25' of wall. TR602.10.3	
<input type="checkbox"/>	Headers. R602.7 and Table R502.5(1)(2)	
<input type="checkbox"/>	Framing around chimneys; 2" clearance required. R1001.15	
<input type="checkbox"/>	Masonry veneers shall be provided with a sheathing paper, flashed and provided with weepholes. R703.2, 703.7.5, 703.7.6 and 703.8	
Pressure Treated Wood		
<input type="checkbox"/>	Pressure treated wood required. R323	
<input type="checkbox"/>	Floor joists closer than 18" to the ground. R323.1	
<input type="checkbox"/>	Wood girders closer than 12" to the ground. R323.1	
<input type="checkbox"/>	Wood framing, siding and sheathing on exterior walls closer than 6" from the exposed earth. R323.1	<p style="text-align: center;">RECEIVED</p> <p style="text-align: center;">NOV 13 2014</p> <p style="text-align: center;">OFFICE OF ADMINISTRATIVE SERVICES</p>
<input type="checkbox"/>	Sleepers and sills on concrete or masonry. R323.1	
<input type="checkbox"/>	Wood siding closer than 6" to the earth. R323.1	

Floors	
<input type="checkbox"/>	Floor framing. R502
<input type="checkbox"/>	Allowable spans. R502.3, Table R502.3.1(1)(2)
<input type="checkbox"/>	Joists under bearing partitions. R502.4
<input type="checkbox"/>	Allowable girder spans. R502.5, Table R502.5(1)(2)
<input type="checkbox"/>	Bearing. R502.6
<input type="checkbox"/>	Floor sheathing. R503.1, Tables R503.1, R503.2.1.1(1) and R503.2.1.1(2)
<input type="checkbox"/>	Lateral support and bridging. R502.7, Table R502.7.1
<input type="checkbox"/>	Floor cantilevers. R502.3.3
Roofs	
<input type="checkbox"/>	Roof snow load. R301.2(5)
<input type="checkbox"/>	Ceiling joist spans. R802.4, Table R802.4(1)(2)
<input type="checkbox"/>	Rafter spans. R802.5, Table R802.5.1(1)-(8)
<input type="checkbox"/>	Trusses. R802.10
<input type="checkbox"/>	Roof sheathing. R803.1
<input type="checkbox"/>	Asphalt shingles. Underlayment (felt) is required. R905.2.7
<input type="checkbox"/>	Ice shields are required. R905.2.7.1
<input type="checkbox"/>	Flashing required: Wall and roof intersections, chimneys, vents, change of roof slope or direction, etc. R703.8, R903.2, R905.2.8

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<input type="checkbox"/>	Re-roofing: Remove existing roof covering when the existing roof has two or more applications. R907.3	
Safety Glazing		
<input type="checkbox"/>	Safety glazing is required in the following locations: R308.4	
<input type="checkbox"/>	Glazing in the doors.	
<input type="checkbox"/>	Glazing adjacent to doors within the same wall plane.	
<input type="checkbox"/>	Glazing in walls enclosing bathtubs, showers, whirlpools, etc.	
<input type="checkbox"/>	Glazing in fixed panels in excess of 9 square feet with the lowest edge less than 18" to the floor.	
<input type="checkbox"/>	Skylights, roofs, and sloped glazing. R308.6	
Michigan Energy Code		
<input type="checkbox"/>	Roof/Ceilings	
<input type="checkbox"/>	Floors	
<input type="checkbox"/>	Slabs	
<input type="checkbox"/>	Crawl Spaces	
<input type="checkbox"/>	Basement Walls	
<input type="checkbox"/>	Exterior Opaque Walls	RECEIVED

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**Osceola County Plumbing Plan Review
Based on the
2012 Michigan Plumbing Code**

Permit Applicant: _____

Mailing Address: _____

Telephone Number: _____

Owner: _____

Job Location: _____

Use Group: _____

Occupant Load: _____

Square Footage: _____

Reviewed By: _____

Inspector's Name _____ Phone: 231-832-6118

Date Completed _____

- The plans are approved subject to field inspection.
- The plans are approved subject to field inspection and compliance with the plan review comments indicated on the attached plan review check list.
- The application and/or plans are not approved. You must respond to each item on this plan review in writing.

Plan Review Fee _____

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Administration	
<input type="checkbox"/>	There is no signature on the permit application.
<input type="checkbox"/>	Plumbing license or registration number is not indicated on permit application.
<input type="checkbox"/>	Worker's compensation insurance carrier or reason for exemption is not indicated.
<input type="checkbox"/>	MESC employer number or reason for exemption is not indicated.
<input type="checkbox"/>	Federal employer ID number or reason for exemption is not indicated.
<input type="checkbox"/>	Plans and specifications were not submitted with the application.
<input type="checkbox"/>	The plans submitted require an architect or an engineers seal and original signature.
Alternative Engineered Design	
<input type="checkbox"/>	The design, documentation, inspection, testing and approval of an alternative engineered design plumbing system shall comply with Sections 105.4.1 through 105.4.6
Permit shall include:	
<input type="checkbox"/>	Construction documents, engineering calculations, diagrams and other such data shall be submitted in two or more sets with application for permit. And if over 3,500 sq. Application fee paid in full.
<input type="checkbox"/>	Plans need riser diagram for D.W.V and water distribution.
<p>RECEIVED NOV 13 2014 OFFICE OF ADMINISTRATIVE SERVICES</p>	
Barrier Free Design (2006 Michigan Barrier Free Design)	
<input type="checkbox"/>	Does project meet Barrier Free ADA Compliance
Minimum Plumbing Facilities Section 403	
<input type="checkbox"/>	Plans meet the correct amount of fixtures required per occupant load R403.1
<input type="checkbox"/>	Number of fixtures are _____
<input type="checkbox"/>	Plans meet separate facilities required for each sex R403.2
Installation of Fixtures Section 405	
<input type="checkbox"/>	Water supply protection. Supply lines and fittings for every plumbing fixture shall be installed so as to prevent backflow. R405.1

<input type="checkbox"/>	Placement for water closets, urinals, lavatories and bidets are set in accordance to code. R405.3.1
Water Heater	
<input type="checkbox"/>	Location: Water heaters and storage tanks shall be located and connected so as to provide access for observation, maintenance, servicing and replacement. R501.4
Water Supply and Distribution	
<input type="checkbox"/>	Water distribution system design criteria is in compliance with code requirements. R604.3
Hot Water Supply System	
<input type="checkbox"/>	Where required the hot water supply is in compliance with code requirements. R607.1
Sanitary Drainage	
<input type="checkbox"/>	Submitted diagrams required for sanitary, drains and vents. R701.1
Size of Conductors, Leaders, and Storm Drains Section 1106	
<input type="checkbox"/>	Vertical conductors and leaders shall be sized for the maximum projected roof area, in accordance with Table 1106.2
Controlled Flow Roof Drain Systems Section 1110	
<input type="checkbox"/>	Meets the minimum number of roof drains required per code requirements. R1110.4

Correction List

No.	Description	Code Section

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Osceola County

4323 220th Avenue, Reed City, MI 49677
Phone: (231) 832 6117 Fax: (231) 832 7345

3C
sample

DEPARTMENT OF BUILDING SAFETY

PB13-0170

Issued: 08/12/13
Expires: 02/08/14

Building

This permit conveys no right to occupy any STREET, ALLEY, or SIDEWALK, or any part thereof either temporarily or permanently.

Type of Construction: 120 Occupancy Group: _____ Edition of Code: 2009 MICHIGAN CODE

LOCATION	OWNER	APPLICANT
MARION VILLAGE 300 MEADOWVIEW LANE 41 027 041 10 Lot: Plat/Sub: Section 27	OSCEOLA COUNTY 310 W UPTON AVE REED CITY MI 49677 Ph.: Fx.:	GRIFFITH BUILDERS 9651 N GREENVILLE RD LAKEVIEW MI 48850 Ph.: (989) 352 7965

Work Description: 41X78 EMS BASE
Stipulations: S OF 20 MILE E OFF LOWRY ST

Permit Item	Work Type	Fee Basis	Item Total
		Fee Total:	\$0.00
		Amount Paid:	\$0.00
		Balance Due:	\$0.00

Louis Denton
Plan Reviewer

Louis Denton
Building Inspector

YOUR SPECIAL ATTENTION is called to the following:

This permit is granted on the expressed condition that the said construction shall, in all respects, conform to the Ordinances of this jurisdiction including Zoning Ordinance, regulating the construction and use of buildings, and may be revoked at anytime upon violation of any provisions of said ordinances.

The department reserves the right to reject any work which has been concealed or completed without first having been inspected and approved by the Department in accordance with the requirements of the various codes.

Permits are not valid if construction work is not started within six months from date permit is issued.

Before occupying any structure a Final inspection and a certificate of occupancy needs to be issued.

Request for a Final Building Inspection should be made by phone or a visit to department when work is completed and all Finals for Trades, Electrical, Plumbing and Mechanical have been completed

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ADMINISTRATIVE SERVICES



Osceola County

4323 220th Avenue, Reed City, MI 49677
Phone: (231) 832 6117 Fax: (231) 832 7345

3C

Sample

DEPARTMENT OF BUILDING SAFETY

PE13-0166

Issued: 08/21/13
Expires: 02/17/14

Electrical

This permit conveys no right to occupy any STREET, ALLEY, or SIDEWALK, or any part thereof either temporarily or permanently

Type of Construction: Occupancy Group: Edition of Code: 2009 MICH. RESIDENTIAL

Table with 3 columns: LOCATION, OWNER, APPLICANT. Location: MARION VILLAGE, 300 MEADOWVIEW LANE, 41 027 041 10. Owner: OSCEOLA COUNTY, 310 W UPTON AVE, REED CITY MI 49677. Applicant: JACKSON CHRIS.

Work Description: MARION EMS BASE
Stipulations: E OFF LOWRY ST S OF 20 MILE

Table with 4 columns: Permit Item, Work Type, Fee Basis, Item Total. Items include Application Fee, Electrical Service, Circuits, Lighting Fixtures, Dishwasher, Power Outlets, Final Inspection.

Fee Total: \$323.00
Amount Paid: \$323.00

Check No.

Balance Due: \$0.00

Inspector signature

Inspector

INSPECTIONS TO BE MADE ARE:

- 1) Service
2) Rough-In (Prior to covering walls)
3) Final Inspection prior to occupancy

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Osceola County

4323 220th Avenue, Reed City, MI 49677
Phone: (231) 832 6117 Fax: (231) 832 7345

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Sample

DEPARTMENT OF BUILDING SAFETY

PP13-0086

Issued: 09/23/13
Expires: 03/22/14

Plumbing

This permit conveys no right to occupy any STREET, ALLEY, or SIDEWALK, or any part thereof either temporarily or permanently.

Type of Construction: _____ Occupancy Group: _____ Edition of Code: 2009 MICH. RESIDENTIAL

LOCATION	OWNER	APPLICANT
MARION VILLAGE 300 MEADOWVIEW LANE 41 027 041 10 Lot: Section 27 Plat/Sub:	OSCEOLA COUNTY 310 W UPTON AVE REED CITY MI 49677 Ph.: Fx.:	ANTOR MECHANICAL 17849 OLD LOGGING RD HERSEY MI 49639 Ph.: (231) 832 3990 Fx.:

Work Description: EMS STATION
Stipulations: S OFF 20 MILE ON LOWRY

Permit Item	Work Type	Fee Basis	Item Total
02. Application Fee	Standard Item	1.00	\$75.00
04. Fixtures	Standard Item	16.00	\$80.00
05. Stacks (Soil, Waste, Vent)	Standard Item	7.00	\$21.00
09. Water Service 2" - 6"	Standard Item	1.00	\$25.00
11. Connection Building Drain-Sewer	Standard Item	1.00	\$5.00
12. Sewers < 6"	Standard Item	1.00	\$5.00
19. Water Distribution 2" Pipe	Standard Item	1.00	\$25.00
24. Final Inspection	Standard Item	1.00	\$75.00

Fee Total: \$311.00
Amount Paid: \$311.00
Check No.
Balance Due: \$0.00

Gene Van Gordon

Inspector

INSPECTIONS TO BE MADE ARE:

- 1) Service
- 2) Rough-In (Prior to covering walls)
- 3) Final Inspection prior to occupancy

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POST THIS CARD SO IT IS VISIBLE FROM THE STREET 30

**OSCEOLA COUNTY
BUILDING DEPARTMENT**
4323 220th Avenue
Reed City, MI 49677

Building PERMIT

Sample

Permit #:	PB13-0170
Date Issued:	08/12/2013

Ph: (231) 832 6117 Fx: (231) 832 7345 JOB WEATHER CARD

LOCATION

300 MEADOWVIEW LN
Subdivison: Section: 27
Township: **MARION VILLAGE**
Property #: 41 027 041 10
Total Permit Fee Due: \$0.00
Remarks: 41X78 EMS BASE

DIRECTIONS

S OF 20 MILE E OFF LOWRY ST

Specific Use COMMERCIAL
Use Group:
Construction Type 120

Signature:

APPLICANT

GRIFFITH BUILDERS
9651 N GREENVILLE RD
LAKEVIEW MI 48850
License No: 2102040276

OWNER

OSCEOLA COUNTY
310 W UPTON AVE
REED CITY MI 49677

THIS PERMIT CONVEYS NO RIGHT TO OCCUPY ANY STREET, ALLEY OR SIDEWALK OR ANY PART THEREOF, EITHER TEMPORARILY OR PERMANENTLY, ENCROACHMENTS ON PUBLIC PROPERTY, NOT SPECIFICALLY PERMITTED UNDER THE BUILDING CODE, MUST BE APPROVED BY THE JURISDICTION. STREET OR ALLEY GRADES AS WELL AS DEPTH AND LOCATION OF PUBLIC SEWERS MAY BE OBTAINED FROM THE DEPARTMENT OF PUBLIC WORKS. THE ISSUANCE OF THIS PERMIT DOES NOT RELEASE THE APPLICANT FROM THE CONDITION OF ANY APPLICABLE SUBDIVISION RESITRICTIONS.

INSPECTIONS THAT MIGHT BE REQUIRED FOR YOUR CONSTRUCTION PROJECT ARE

1. FOUNDATION OR FOOTINGS
2. PRIOR TO BACKFILLING
3. ROUGH IN PRIOR TO INSULATION
4. INSULATION
5. FINAL/CERTIFICATE OF OCCUPANCY

APPROVED PLANS MUST BE RETAINED ON THE JOB AND THIS CARD POSTED UNTIL FINAL INSPECTION HAS BEEN MADE. WHERE A CERTIFICATE OF OCCUPANCY IS REQUIRED, SUCH BUILDING SHALL NOT BE OCCUPIED UNTIL FINAL INSPECTION HAS BEEN MADE.

WHERE APPLICABLE SEPARATE PERMITS ARE REQUIRED FOR ELECTRICAL, PLUMBING AND MECHANICAL

Building Inspection Approvals	Plumbing Inspection Approvals	Electrical Inspection Approvals
Foundation	Rough	Rough
Rough	Final	Final NOV 13 2014
Final	Rough	Rough

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Heating Inspection Approvals	Refrigeration Inspection Approvals
Rough	Rough

WORK SHALL NOT PROCEED UNTIL THE INSPECTOR HAS APPROVED THE VARIOUS STAGES OF CONSTRUCTION.

Expiration of Permit: A permit remains valid as long as work is progressing and inspections are requested and conducted. A permit shall become invalid if the authorized work is not commenced within 180 days after issuance of the permit or if the authorized work is suspended or abandoned for a period of 180 days after the time of commencing the work. A PERMIT WILL BE CLOSED WHEN NO INSPECTIONS ARE REQUESTED AND CONDUCTED WITHIN 180 DAYS OF THE DATE OF ISSUANCE OR THE DATE OF A PREVIOUS INSPECTION. CLOSED PERMITS CANNOT BE REFUNDED. THE CHARGE TO RE-OPEN A CLOSED PERMIT IS \$75.00.

INSPECTIONS INDICATED ON THIS CARD CAN BE ARRANGED FOR BY TELEPHONE OR WRITTEN NOTIFICATION.

30

Sample

Osceola County Building Department
4323 220th Avenue
Reed City, Michigan 49677
Phone: (231)832-6117

11/06/2013

Property: 14 003 054 00

OSCEOLA COUNTY PARKS DEPT
301 W UPTON AVE
REED CITY, MI 49677

Dear OSCEOLA COUNTY PARKS DEPT,

This is to inform you that your permit PP12-0103 for a PLUMBING has exceeded the time period allowed and will be considered closed in 30 business days from receiving this letter if not extended. Your permit was issued on 10/05/2012, The Michigan State Residential Code reads as follows:

R105.5 Expiration: Every permit issued remains valid as long as work is progressing and inspections are requested and conducted. A permit shall become invalid if the authorized work is not commenced within six months after issuance of the permit or if the authorized work is suspended or abandoned for periods of six months after time of commencing the work. A PERMIT WILL BE CLOSED WHEN NO INSPECTIONS ARE REQUESTED AND CONDUCTED WITHIN 180 DAYS OF THE DATE OF ISSUANCE OR THE DATE OF A PREVIOUS INSPECTION. CLOSED PERMITS CANNOT BE REFUNDED, THE CHARGE TO RE-OPEN A CLOSED PERMIT IS \$75.00.

Please promptly reply or your permit will be administratively closed and a complete new permit will be required in order to complete your project and receive inspections. If your project has been completed please call and schedule your final inspection.

If you have any further questions please call our office at 231-832-6117, during the business hours on Monday, Wednesday or Friday from 8:00am-4:00pm, closed for the noon lunch hour.

A fee of \$75.00 for each expired permit is required to extend your permit for 6 months more. Please make checks payable to the Osceola County Building Department.

Thank you,

Osceola County Building Department

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field inspection

sample

3D

Building Permit | PB13-0170

Property Information

41 027 041 10 300 MEADOWVIEW LANE Subdivision:
MARION VILLAGE Lot: Block:

Name Information

Owner: OSCEOLA COUNTY Phone:
Occupant: Phone:
Applicant: GRIFFITH BUILDERS Phone: (989) 352 7965
Contractor: GRIFFITH BUILDERS Phone: (989) 352 7965
Licensee: STEPHENS SCOTT Phone: (989) 352 7965
License Issued:
License Expires: 05/31/2014

Permit Information

Date Issued: 08/12/2013 Date Expires: 02/08/2014 Status: ISSUED
Work Description:
41X78 EMS BASE
Stipulations:
S OF 20 MILE E OFF LOWRY ST
Comment:

Fee Information

STANDARD ITEM	BUILDING PERMIT FEE	0.00	0.00
---------------	---------------------	------	------

Footing Inspection | LOUIS DENTON

Status: Scheduled Result:
Scheduled: 09/17/2013 12:09 AM Completed:
Address: 300 MEADOWVIEW LANE Permit Number: PB13-0170

9-17-13 JLD OK

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Sample

CERTIFICATE OF OCCUPANCY OSCEOLA COUNTY STATE OF MICHIGAN

This is to certify that the occupant of the structure under the Certificate of Occupancy application,

OF09-0242

issued by the Inspection Division, and having complied with the requirements of the ordinance, permission is hereby granted to occupy the said premises as set forth in the corresponding application under which the permits were granted, so far as completed.

Property Location 316 W SLOSSON AVE

Property Parcel No 52 133 102 00

Building Code in Effect: 2006 MICH. RESIDENTIAL

COUNTY OF OSCEOLA 316 W SLOSSON AVE	ENGLAND BUILDINGS & SUPPLIES 6397 20 MILE RD MARION MI 49665
30X50 POLE CONSTRUCTION	
Construction Type: 120	

PB08-0286

Building

12/08/09

COMMERCIAL

TYPE	PERMIT #	APPROVED	DATE	REMARKS
BUILDING	08-0286	<i>Louis Denton</i>	12-8-09	Final OK
PLUMBING	_____	_____	_____	_____
ELECTRICAL	_____	_____	_____	_____
MECHANICAL	_____	_____	_____	_____

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OFFICE OF
ADMINISTRATIVE SERVICES

County of Osceola
Building Inspection Department
4323 220th Avenue
Reed City, Michigan 49677

Ph (231) 832-6117 Fax (231) 832-7345

**APPLICATION TO APPEAR BEFORE THE
BUILDING INSPECTION DEPARTMENT BOARD OF APPEALS**

OWNER:

Name

Number Street City State Zip

ARCHITECT, CONTRACTOR OR OTHER AGENT: (if applicable)

Name

Number Street City State Zip

PROJECT LOCATION:

Number Street Township, City or Village

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REASONS FOR APPEAL: (check one or more)

- Enforcing agency refusal to grant application for permit.
- Disagree with enforcing agencies interpretation of the code.
- Request a specific variance from the code.
- Other (explain) _____

SPECIFIC VARIANCE FROM THE CODE: (complete if applicable)

Section (s): _____

Code: (check one) Building Electrical Mechanical Plumbing

Section 15 of Act 230, 1972, (as amended) allows the Board of Appeals the ability to, "grant a specific variance to a substantive requirement of the code if the literal application of the substantive requirement would result in an exceptional, practical difficulty to the applicant, and if both of the following requirements are satisfied:

- a) The performance of the particular item or part of the building or structure with respect to which the variance is granted shall be adequate for its intended use and shall not substantially deviate from performance required by the code of that particular item or part for the health, safety and welfare of the people of this state.
- b) The specific condition justifying the variance shall be neither so general nor recurrent in nature as to make an amendment of the code with respect to the condition reasonably practical or desirable.”

Please answer the following questions and attach additional sheets if necessary.
Describe the “exceptional practical difficulty” to the Applicant:

Describe what you intend to do to provide equivalent performance to that required by the code:

Describe the specific conditions justifying the variance for this project:

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SIGNATURE OF APPLICANT:

NOV 13 2014

(Owner or Agent) (date)

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 ADMINISTRATIVE SERVICES

Your application will be processed promptly if you:

- * Complete all applicable sections
- * Sign and date the application
- * Include the \$ 245.00 Board of Appeals fee payable to Osceola County Building Dept.

**Additional fees for millage of the Board of Appeals members will be billed to the applicant at the conclusion of the hearing process as actual amounts invoiced by the members of the Board.

31

Osceola County Violation Complaint Form

(Note: Incomplete complaint forms will not be considered for enforcement)

Complaint Filed By _____

Address _____

Daytime Phone Number (____) _____

Suspected Violation _____

Location: (Include name of property owner, address, township, section and nearest cross roads)

You are encouraged to provide any additional information you feel will help in assessing the reported violation. This may include photos, maps, sales receipts etc.

Bring or mail form to: Osceola County Building Department
4323 220th Avenue
Reed City, Michigan 49677
231-832-6117

FOR DEPARTMENTAL USE ONLY

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Date Received _____

NOV 13 2014

Date Site Visited _____ By Whom _____

Violation Exist (Circle one) YES NO
Code Section _____

OFFICE OF
ADMINISTRATIVE SERVICES

Photographs Takes? YES NO
Was property posted? YES NO
Property owner notified in writing YES NO

Code Officials | License Info | Jurisdiction | Education Info | Programs Attended



Registration No: 0118884 Exp: 000027826

First Name: Mr. Surname: Kenneth Initial: E

Last Name: Clark Suffix:

Address 1: [Redacted]

Address 2: [Redacted]

City: [Redacted]

County: [Redacted]

State / Zip Code: [Redacted]

Phone: [Redacted]

Cycle: 1

Cycle Begin Date: 08/15/2012 End: 08/15/2012

Expiration Date: 08/15/2015 End: 08/15/2015

- Order by Regular No. Ascend
- Order by Regular No. Descend
- Order by Last Name

Classification	Approval Date	Status
Boat Official: <input type="checkbox"/>	01/1/2011	ACTIVE
Boat Inspector: <input type="checkbox"/>	01/1/2011	ACTIVE
Elect Inspector: <input type="checkbox"/>	01/1/2011	ACTIVE
Mech Inspector: <input checked="" type="checkbox"/>	01/05/2011	ACTIVE
Plumb Inspector: <input checked="" type="checkbox"/>	01/05/2011	INCOMPLETE
Plan Review: <input checked="" type="checkbox"/>	01/05/2011	ACTIVE

Create date: 01/05/2011 Update date: 08/05/2012



Print Code Official Certificate

Certificate Last Printed: 08/15/2012

MainFrame History

Created: 01/01/2011 Updated: 11/10/2014



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

MIKE ZIMMER
ACTING DIRECTOR

DOCUMENT #15-02

December 26, 2104

TO: Members of the Construction Code Commission

FROM: Michael Somers, Specialist 
Office of Administrative Services

SUBJECT: Rescinding Ordinances

The following units of government have submitted rescinding ordinances. The ordinances have been reviewed and found to be acceptable.

Village of Lake Isabella/Isabella County
Michigan Building, Electrical, Mechanical and Plumbing Codes
Ordinance No. 2014-10
Previously locally enforced, rescinding to Isabella County.

NOTE: The transfers listed above require no formal Commission action in accordance with Section 8b (7) of the Act. The list is being provided for informational purposes.

MS/mds

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P.O. BOX 30254 • LANSING, MICHIGAN 48909
www.michigan.gov/bcc • Telephone (517) 241-9302 • Fax (517) 241-9570



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

MIKE ZIMMER
ACTING DIRECTOR

DOCUMENT #15-06

December 26, 2104

TO: Members of the Construction Code Commission

FROM: Michael Somers, Specialist *MS*
Office of Administrative Services

SUBJECT: Performance Evaluations

The Texas Township performance evaluation was authorized by the Commission at the July 9, 2012, meeting, and was conducted on July 25 and August 9, 2012. The report contained 2 recommendations for program improvement. The re-evaluation was conducted on September 18, 2013, and it was confirmed the township had implemented the recommendations. The township also complied with the requirement for an 18 month waiting period.

Based upon the township's continued level of compliance, it is the recommendation of staff to close the performance evaluation file.

MS/mds

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RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

MIKE ZIMMER
DIRECTOR

DOCUMENT #15-07

December 23, 2014

TO: Members of the Construction Code Commission

FROM: Keith Lambert, Deputy Director

KEZ

SUBJECT: Report of Assistance Requests

The bureau has **granted** assistance as follows:

- a.) Saginaw Valley State University, Saginaw County
Project: Science West – SW 120 & 121 Lab Renovations, 7400 Bay Road, Kochville
Services: Building, electrical, mechanical and plumbing plan review, permit and inspection
Effective: 11/26/2014 until completion of project
- b.) Wayne State University, Wayne County
Project: Remodel of tenant space within Towers Residence Hall
Services: Building, electrical, mechanical and plumbing plan review, permit and inspection
Effective: 12/11/2014 until completion of project
- c.) Western Michigan University, Kalamazoo County
Project: East Hall Alumni Center Renovation, 601 Oakland Drive, Kalamazoo
Services: Electrical and mechanical plan review, permit and inspection
Effective: 12/23/14 until completion of project

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GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

MIKE ZIMMER
ACTING DIRECTOR

DOCUMENT #15-03

December 5, 2014

TO: Members of the Construction Code Commission

FROM: Todd Cordill, NCARB, Chief
Plan Review and Building Division

SUBJECT: Continuing Education Program Applicants

The programs listed on the attached pages are those for which approval has been requested by providers or sponsors of continuing education programs required of building officials, inspectors and plan reviewers to renew their registrations. Document #15-03 is a list of programs that have been submitted for approval for the cycle beginning September 17, 2012 through September 16, 2015.

Each provider has documented appropriate content in relation to one or more of the continuing education categories and registrant classifications set forth in the administrative rules promulgated pursuant to 1986 PA 54.

It is the recommendation of Bureau staff that the programs submitted pursuant to the provisions of Act 54 be approved by the Commission.

TC/kja

Attachments

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* Registrants holding one or more Inspector classification are required to attend Technical and Specialty training to be eligible for reregistration at the end of the present code cycle. If that is successfully accomplished, there are no additional Technical or Specialty credits necessary to also become eligible for reregistration as either a Building Official and/or Plan Reviewer. A person who is registered **only** as a Building Official and/or Plan Reviewer **without any Inspector classification** will receive the listed Technical and/or Specialty credit towards reregistration qualification for attending this program.

Specialty approvals are granted for one of the four Inspector (trade) classifications. Inspectors receive credits only for attending programs associated with their trade; a Mechanical Inspector does not satisfy those requirements by attending a Building, Electrical or Plumbing program. Someone registered **only** as a Building Official and/or Plan Reviewer **without any Inspector classification** will receive credit for all Specialty programs attended, regardless of the trade(s).

Technical approvals are granted for programs addressing a specific code. Inspectors receive Technical credit only for programs addressing the code they enforce. Someone registered **only** as a Building Official and/or Plan Reviewer without any Inspector classification will receive credit for all Technical programs **in their cycle** which they attended, regardless of the trade.

** Programs approved for Plan Review credits satisfy unique requirements placed on Plan Reviewer registrants. Even though the title of an individual program may refer to a specific trade or code, all Plan Review program credits apply to any Plan Reviewer.

**** Credit for documented participation in/attendance at formal code change hearings conducted and reported by a nationally recognized code-promulgating organization will be recognized when the subject is a code enforced by the registrant. Credit is granted in one-hour increments and is divided between Technical and Specialty. The first hour is Technical, the second Specialty, the third Technical, the fourth Specialty, etc. Seven hours would be credited as four Technical and three Specialty, for example.

ISC =Independent Study Course

I = Internet Course

CR = Classroom

Department of Licensing and Regulatory Affairs-Bureau of Construction Codes-2012/2015 Inspector Continuing Education Programs

Program Number	Credit Hours						Contact	Organization	Phone	Title
	Admin	Comm	Spec	Tech	PR	Classification				
17832	1			14		ALL (Admin Only), EI*	David Arnold	PacePDH.com	(800) 576-4341	2011 Electrical Code Update Course
17833				3		BI*	Laura Garcia	ICC	(888) 422-7233	FEMA's Presentation - 2015 Flood Codes, Standards & Building Science
17834				1		EI*	Dan Radecki		(616) 395-0196	MEC Article 590
17835					2	PR**	Dan Radecki		(616) 395-0196	Michigan Energy Code Electrical Requirements (Non-Residential)
17836	1	1		4	1	ALL, BI*, MI*, PR	Jeff Hugo	National Fire Sprinkler Association	(845) 519-5693	Rough and Final Inspection of Fire Sprinkler Systems
17837	1	1	4	16	8	ALL, EI*, PR**	Thomas W. Bowes	Detroit EITC	(586) 751-6600	Electrical Code Calculations
17838				3		BI*	Laura Garcia	International Code Council	(888) 422-7233	Green Construction and Energy Production's Potential Impact on Fire and Fire Fighter Safety
17839	4	1	3	8	2	ALL, BI*, PR**	Teri A. Francis	A Builders License Training Institute	(231) 938-3601	Provisional Registration Building Inspector 18HR Course
17840	4	1	3	8	2	ALL, BI*, PR**	Teri A. Francis	A Builders License Training Institute	(231) 938-3601	Registration Building Inspector 18HR Course
17841		2				ALL	Ira (Jim) Rowell		(517) 861-6372	Basic Communication Techniques
17842	5					ALL	Ira (Jim) Rowell		(517) 861-6372	Administration Management Tips
17843					2	PR**	Joseph M. Shaltz		(906) 281-1711	Basic of Required Plan Review
17844	3					ALL	Robert Logan	MIAM	(248) 649-5443	Business Law of Code Enforcement
17845			2	2		MI*	Pete Kiser	MIAM	(248) 649-5443	Energy Auditing, Home Performance
17846			2	2		MI*	Bud Hagen	MIAM	(248) 649-5443	Hydronics, MMC 2012. Chapter 12
17847				3		MI*	Jerry Payne	MIAM	(248) 649-5443	MMC 2012, Chapter 15 Referenced Standards and Essential Standards Discussion



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GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
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MIKE ZIMMER
ACTING DIRECTOR

DOCUMENT #15-04

December 5, 2014

TO: Members of the Construction Code Commission

FROM: Todd Cordill, NCARB, Chief
Plan Review and Building Division

SUBJECT: Continuing Education Instructor Applications

Attached is a list of those individuals who have applied for approval as instructors of continuing education programs required of building officials, inspectors and plan reviewers. The instructors listed have been granted lifetime approval.

Each has documented training and experience in the topic which they propose to teach.

It is the recommendation of Bureau staff that they be approved as instructors by the Commission.

TC/kja

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Department of Licensing and Regulatory Affairs-Bureau of Construction Codes-2012/2015 New Instructors

Instructor Number	Last Name	First Name	MI	Affiliation/Experience
2128	Myers	Kole	D	BCC Plumbing
2129	James	Robert	J	ICC
2130	Laatsch	Ed		ICC
2131	Beach	Larry	L	Bridgeport Fittings Inc.
2132	Brazeau	Julie	K	IAEI
2133	Gavin	Michael	P	REHAU Academy
2134	MacNevin	Lance	D	REHAU Academy
2135	Elizondo	Fredrick	M	
2136	Bayha	John	J	MDEQ

Department of Licensing and Regulatory Affairs-Bureau of Construction Codes-2012/2015 Renewal Instructors

Instructor Number	Last Name	First Name	MI	Affiliation/Experience
956	Meacham	Brian	J	ICC
1353	Hagen	Bud		MIAM

BUILDING OFFICIALS RECOMMENDED FOR CCC APPROVAL

BIERL, Gary L.
Add Classification (004678) since 07/2001
Additional Inspector
City of Roseville – Macomb County

BLISS, Robert E
Add Classification (005428) since 03/2007
Additional Inspector
City of Farmington Hills – Oakland County

WALKER, Gloria S
Add Classification (005192) since 03/2005
Additional Inspector
Canton Township – Wayne County

OSTERHOUT, James D
Add Classification (005495) since 09/2007
Additional Inspector
City of Roseville – Macomb County

MILLAR, Bruce C.
Add Classification (003472) since 05/1995
Additional Inspector
City of Lapeer – Lapeer County

RADECKI, Daniel J.
Add Classification (003748) since 10/1996
Additional Inspector
Holland Township – Ottawa County

FOLEY, Kenneth J.
Add Classification (004873) since 01/2003
Replacing Inspector Herman McMillen (005266)
City of Dearborn – Wayne County

BUILDING INSPECTORS RECOMMENDED FOR CCC APPROVAL

DEWYSE, Joseph A
8,320 total hours of experience
Replacing Inspector Alan C. Hugo (003887) since 09/2014
City of Essexville – Bay County

GURSKI, Kevin M.
Res Builder License (2101170242) since 02/2004
Additional Inspector
Lyon Township – Oakland County

JARZEMBOWSKI, Randal J.
Res Builder License (2101139743) since 06/1997
Replacing Inspector Greg Waldren (005842) since 06/2014
Holland Township – Ottawa County

GLOVER, John R.
32,160 hours of experience
Replacing Inspector Ralph Gregus (003203) since 08/2014
City of Lansing – Ingham County

WAKELY, Chadwick R.
14,560 hours of experience
Replacing Inspector Doug Halstead (003208) since 05/2014
City of Lansing – Ingham County

GOODLOE, David M
Res Builders License (2101199863) since 04/2011
Additional Inspector
Clinton Township – Macomb County

WAGER, Howard B.
27,300 hours of experience
Additional Inspector
City of Auburn Hills – Oakland County

HERSHA, Frank R
35,840 hours of experience
Replacing Inspector Melvin Grandy (005006) since 08/2014
Antrim County

WORTHINGTON, James G
9,980 hours of experience
Additional Inspector
City of Ann Arbor – Washtenaw County

DE FELICE, Anthony P Jr.
Res Builders License (2101062855) since 07/1982
Additional Inspector
Lyon Township – Oakland County

CHORKEY, Thomas M.
Res Builders License (2101065106) since 06/1983
Additional Inspector
City of Flat Rock – Wayne County

JANSEN, Jason A.
Res Builders License (2101117746) since 01/1994
Replacing Inspector Robert Yaske (002963) since 06/2014
Gerrish Township – Roscommon County

CONDON, Brent T.
24,000 hours of experience
Additional Inspector
Harrison Township – Macomb County

LOUNSBURY, David A.
15,840 hours of experience
Additional Inspector
City of Eastpointe – Macomb County

CROFOOT, Scott D.
Res Builders License (2101133002) since 05/1996
Additional Inspector
City of Saginaw – Saginaw County

IUNG, Silvio
Res Builders License (2101109245) since 10/1992
Additional Inspector
Clinton County

HANSON, Thomas E.
Res Builders License (2101168806) since 08/2003
Replacing Inspector George Dood (003732) since 12/2013
City of Grand Haven – Ottawa County

PROUX, Jeffery
Res Builders License (2101131660) since 04/1996
Additional Inspector
Otsego County

URBANEK, Joseph J.
12,480 hours of experience
Additional Inspector
Canton Township – Wayne County

PLAN REVIEWERS RECOMMENDED FOR CCC APPROVAL

CORBIN, Jeffrey H.
Master License (6210758) since 12/2001
Replacing Inspector John Danic (003770) since 07/2014
Redford Township – Wayne County

KLOSS, Andrew P.
Journey License (8219745) since 01/2001
Replacing Inspector Rodger Radcliffe (003358) since 08/2014
Emmet County

DEWYSE, Joseph A
8,320 total hours of experience
Replacing Inspector Alan C. Hugo (003887) since 09/2014
City of Essexville – Bay County

MOLINO, Martin J.
Master License (6214683) since 02/2006
Additional Inspector
City of Trenton – Wayne County

PRICE, Joseph E.
Journey License (6329988) since 04/2005
Replacing Inspector Henry C. Anderson (004468) since 07/2014
Clinton Township – Macomb County

GURSKI, Kevin M.
Res Builder License (2101170242) since 02/2004
Additional Inspector
Lyon Township – Oakland County

JARZEMBOWSKI, Randal J.
Res Builder License (2101139743) since 06/1997
Replacing Inspector Greg Waldren (005842) since 06/2014
Holland Township – Ottawa County

GLOVER, John R.
32,160 hours of experience
Replacing Inspector Ralph Gregus (003203) since 08/2014
City of Lansing – Ingham County

WAKELY, Chadwick R.
14,560 hours of experience
Replacing Inspector Doug Halstead (003208) since 05/2014
City of Lansing – Ingham County

GOODLOE, David M
Res Builders License (2101199863) since 04/2011
Additional Inspector
Clinton Township – Macomb County

WAGER, Howard B.
27,300 hours of experience
Additional Inspector
City of Auburn Hills – Oakland County

MONROE, James M
Master License (8106065) since 01/1978
Replacing Inspector James Fill (005812) since 06/2014
City of Wayne – Wayne County

LUCHT, John A.
Add Classification
Replacing Inspector James Baker (004697) since 07/2014
City of Ann Arbor – Washtenaw County

PAVICIC, Nicholas M
Add Classification
Replacing Inspector Stewart M. Anderson Jr. (005777) since 05/2013
City of Wayne – Wayne County

HERSHA, Frank R
35,840 hours of experience
Replacing Inspector Melvin Grandy (005006) since 08/2014
Antrim County

WORTHINGTON, James G
9,980 hours of experience
Additional Inspector
City of Ann Arbor – Washtenaw County

DE FELICE, Anthony P Jr.
Res Builders License (2101062855) since 07/1982
Additional Inspector
Lyon Township – Oakland County

CHORKEY, Thomas M.
Res Builders License (2101065106) since 06/1983
Additional Inspector
City of Flat Rock – Wayne County

JANSEN, Jason A.
Res Builders License (2101117746) since 01/1994
Replacing Inspector Robert Yaske (002963) since 06/2014
Gerrish Township – Roscommon County

LOUNSBURY, David A.
15,840 hours of experience
Additional Inspector
City of Eastpointe – Macomb County

CROFOOT, Scott D.
Res Builders License (2101133002) since 05/1996
Additional Inspector
City of Saginaw – Saginaw County

IUNG, Silvio
Res Builders License (2101109245) since 10/1992
Additional Inspector
Clinton County

RENDALL, Kim B.
Master License (8108007) since 01/1984
Contractor License (7109943) since 01/1992
Replacing Inspector Tim Basore (004491) since 12/2014
City of Jackson – Jackson County

HANSON, Thomas E.
Res Builders License (2101168806) since 08/2003
Replacing Inspector George Dood (003732) since 12/2013
City of Grand Haven – Ottawa County

BULLOCK, Barry L.
Contractor License (7103088) since 06/1985
Master License (8108941) since 01/1989
Additional Inspector
Lapeer Township – Lapeer County

ELECTRICAL INSPECTORS RECOMMENDED FOR CCC APPROVAL

CORBIN, Jeffrey H.
Master License (6210758) since 12/2001
Replacing Inspector John Danic (003770) since 07/2014
Redford Township – Wayne County

MOLINO, Martin J.
Master License (6214683) since 02/2006
Additional Inspector
City of Trenton – Wayne County

PRICE, Joseph E.
Journey License (6329988) since 04/2005
Replacing Inspector Henry C. Anderson (004468) since 07/2014
Clinton Township – Macomb County

HERBERT, Robert W.
Master License (6211162) since 12/2001
Additional Inspector
City of Detroit – Wayne County

MIARS, Garrett W.
Additional Inspector
State of Michigan

PATTEUW, William A.
Master License (6209896) since 01/2001
Additional Inspector
Franklin Township – Lenawee County

MECHANICAL INSPECTORS RECOMMENDED FOR CCC APPROVAL

RENDALL, Kim B.

Master License (8108007) since 01/1984

Contractor License (7109943) since 01/1992

Replacing Inspector Tim Basore (004491) since 12/2014

City of Jackson – Jackson County

BULLOCK, Barry L.

Contractor License (7103088) since 06/1985

Master License (8108941) since 01/1989

Additional Inspector

Lapeer Township – Lapeer County

PLUMBING INSPECTORS RECOMMENDED FOR CCC APPROVAL

BRADLEY, Paul R.
Master License (8109697) since 08/1992
Replacing Inspector 002657
City of Warren – Macomb County

KLOSS, Andrew P.
Journey License (8219745) since 01/2001
Replacing Inspector Rodger Radcliffe (003358) since 08/2014
Emmet County

YEAGER, David J.
Previously registered (004055)
Additional Inspector (re-hire)
State of Michigan

MONROE, James M
Master License (8106065) since 01/1978
Replacing Inspector James Fill (005812) since 06/2014
City of Wayne – Wayne County

RENDALL, Kim B.
Master License (8108007) since 01/1984
Contractor License (7109943) since 01/1992
Replacing Inspector Tim Basore (004491) since 12/2014
City of Jackson – Jackson County

TRUDEAU, Thomas R.
Master License (8110656) since 03/2009
Additional Inspector
Norvell Township – Jackson County

FIRE PROTECTION INSPECTORS RECOMMENDED FOR CCC APPROVAL

VLAHOS, Peter
Additional Inspector
Bloomfield Township – Oakland County

BLACKWOOD Jr., Timothy J.
Additional Inspector
Northville Township – Wayne County

COOMER, James O.
Additional Inspector
City of Walled Lake – Oakland County

HUGHES, Thomas M.
Additional Inspector
Northville Township – Wayne County

ALBO, Michael A.
Additional Inspector
City of Southfield – Oakland County

HAMILTON, Nichole S.
Additional Inspector
City of Canton – Wayne County

FARRACKAND, Warreka
Additional Inspector
City of Ann Arbor – Washtenaw County

OSTERTAG, David S.
Additional Inspector
Orion Township – Oakland County

FIRE PROTECTION PLAN REVIEWERS RECOMMENDED FOR CCC APPROVAL

VLAHOS, Peter
Additional Inspector
Bloomfield Township – Oakland County

BLACKWOOD Jr., Timothy J.
Additional Inspector
Northville Township – Wayne County

COOMER, James O.
Additional Inspector
City of Walled Lake – Oakland County

HUGHES, Thomas M.
Additional Inspector
Northville Township – Wayne County

ALBO, Michael A.
Additional Inspector
City of Southfield – Oakland County

HAMILTON, Nichole S.
Additional Inspector
City of Canton – Wayne County

FARRACKAND, Warreka
Additional Inspector
City of Ann Arbor – Washtenaw County

OSTERTAG, David S.
Additional Inspector
Orion Township – Oakland County



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

MIKE ZIMMER
ACTING DIRECTOR

Document No.
15-08

January 7, 2015

TO: Members of the Construction Code Commission

FROM: Todd Y. Cordill, NCARB, Chief, Plan Review Division

SUBJECT: **Compliance Assurance No. 556**
Certificate of Acceptability
Modular Space Corporation
60 Industrial Road
Elizabethtown, PA 17022

The above manufacturer has submitted a Compliance Assurance Program and appropriate fees. The inspection and evaluation agency has been previously certified by the Construction Code Commission. The Plan Review Division has evaluated the submission for compliance with Rules 1161 through 1168 and recommends that the Commission issue a Certificate of Acceptability, in accordance with Sections 4 and 19 of 1972 PA 230, MCL 125.1504, and the General Rules, Part 11 Premanufactured Units, Rule 1132(1).

TYC/mt

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IRVIN J. POKE
DIRECTOR

MIKE ZIMMER
ACTING DIRECTOR

DOCUMENT #15-09

December 8, 2014

TO: Members of the Construction Code Commission
FROM: Joseph T. Madziar, Plumbing Division Chief *JTM*
SUBJECT: Certificate of Acceptance for MIFAB Inc., Big Max Large Plastic Grease Interceptors, Models XL-MI-G-PL-750 and XL-MI-G-PL-1150, BCCP-14-010

The applicant has requested consideration for product acceptance for large plastic hydromechanical grease interceptors.

APPLICANT REPRESENTATIVE:

Mr. Jason Gremchuk

APPLICANT:

MIFAB Inc., LLC
1321 W. 119th Street
Chicago, IL 60643

AUTHORITY:

Section 21 of Act 230, 1972 being section 125.1521 of the Michigan Compiled Laws

PRODUCT:

Hydromechanical Grease Interceptors, Models XL-MI-G-PL-750 and XL-MI-G-PL-1150 with flow rates up to 100 gallons per minute

PRODUCT DESCRIPTION:

High density polyethylene grease interceptors designed for above or below ground installations. The interceptors include an adjustable lid system, external, vented flow control fitting, sample port access and multiple outlet options. The steel encased composite lid system provides a gas/water tight seal. The MIFAB model XL-MI-G-PL-750 includes a single lid system for access and is designed for 75 gallons per minute flow rate. Model XL-MI-G-PL-1150 includes a 2 lid system for access and is designed for 100 gallons per minute flow rate.

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APPLICATION:

These two large hydrochemical grease interceptors may be used in restaurants, commercial kitchens, institutions, industrial facilities such as food processing and packaging plants and other types of food processing areas for the removal of fats, oils, and grease (FOG) that are present in the drain waste water.

APPROVAL/ TESTS:

Tested and certified to PDI-G101

Tested and certified to ASME A112.14.3

Certificate of Listing by IAPMO File No. 3380

APPLICABLE CODE SECTION:

Michigan Plumbing Code

Section 1003.3.1 Grease Interceptors and automatic grease removal devices required.

A grease interceptor or automatic grease removal device shall be required to receive the drainage from fixtures and equipment with grease-laden waste located in food preparation areas, such as in restaurants, hotel kitchens, hospitals, school kitchens, bars, factory cafeterias and clubs. Fixtures and equipment shall include pot sinks, prerinse sinks; soup kettles or similar devices; wok stations; floor drains or sinks into which kettles are drained; automatic hood wash units and dishwashers without prerinse sinks. Grease interceptors and automatic grease removal devices shall receive waste only from fixtures and equipment that allow fats, oils or grease to be discharged. Where lack of space or other constraints prevent the installation or replacement of a grease interceptor, one or more grease interceptors shall be permitted to be installed on or above the floor and upstream of an existing grease interceptor.

CONDITIONS OF USE AND INSTALLATION:

1. All requirements of the Michigan Plumbing Code shall be applicable.
2. Installations shall be in accordance with the manufacturer's installation instructions.
3. This approval shall become void if and when the product no longer meets the requirements of the Michigan Plumbing Code or a change in design/designation occurs.

RECOMMENDATION:

The State Plumbing Board reviewed this product at the December 2, 2014 meeting, evaluated the information provided by the manufacturer, and recommends the product be forwarded to the Construction Code Commission for approval.



Descriptive Report and Test Results

MASTER CONTRACT: 163960

REPORT: 2706081

PROJECT: 2724619

Edition 1: March 28, 2014; Project 2706081 – Cleveland
Issued by David Schmidt; Reviewed by Thomas Valente

Edition 2: May 8, 2014; Project 2724619 – Cleveland
Issued by David Schmidt; Reviewed by Thomas Valente

Contents: Certificate of Compliance - Page 1 to 1
Supplement to Certificate of Compliance – Page 1
Description and Tests – Pages 1 to 3
Att1 Figures – 1 to 5

PRODUCTS

CLASS 7701-01 - Drains and interceptors - Grease interceptor

CLASS 7701-81 - Drains and interceptors - Grease interceptor - Certified to US Standards

Hydro-mechanical Grease Interceptor Models:

XL-MI-G-PL-1150 - flow rated to 100 gpm

APPLICABLE REQUIREMENTS

CSA B481.1-2012 - Testing and rating of grease interceptors using lard

ASME A112.14.3-2000 - Grease interceptors

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

Product markings shall be in accordance with the related standards. In addition, it shall be the responsibility of the manufacturer to provide additional markings on the product to comply with the requirements of the local regulatory authorities. For example, in Canada, any caution and warning markings must be provided in French and English.

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8501 East Pleasant Valley Road, Cleveland, OH, U.S.A. 44131-5575
Telephone: 216-524-4990 1.800.463.6727 Fax: 216-642-3463 www.csagroup.org

All markings required by CSA must be permanent, legible and visible after installation of the product. A permanent label on the cover of the interceptor may be used. The contents consist of:

- Submittor's Identification: "Mifab, Inc."
- CSA Mark
- Flow rating
- Grease containment capacity
- Inlets and outlets shall be clearly identified

ALTERATIONS

None

FACTORY TESTS

None

SPECIAL INSTRUCTIONS FOR FIELD SERVICES

1. Component descriptions marked with either the "(INT)" or "(INT*)" identifiers may be substituted with other components providing the requirements specified under the notes in the "Description" are complied with.

COMPONENT SPECIAL PICKUP

1. Component descriptions marked with the identifier "(CT)" are subject to annual pickup and Conformity Testing.

DESCRIPTION

Products are hydro mechanical type grease interceptors. Model XL-MI-G-PL-1150 is rated for a maximum flow rate of 100 gpm.

Inlet and outlet connections are 4" diameter.

See figures 1 to 5.

MASTER CONTRACT: 163960
REPORT: 2706081
PROJECT: 2724619

Page No: 3
Date Issued: May 8, 2014

TESTS

Project 2706081

Original certification of model XL-MI-G-1-PL to the requirements of CSA B481-2012 and ASME A112.14.3-2000.

Flow rating tests using Lard as per CSA B481.1-12 were performed with satisfactory results.
Evaluation of the listed model to CSA B481.0-12 was performed with satisfactory results.
Evaluation of the listed model to ASME A112.14.3-2000 was performed with satisfactory results.

All test results and supporting documentation is kept on file at CSA International – Cleveland facility.

Project 2724619

Change model name XL-MI-G-1-PL to XL-MI-G-PL-1150. No additional testing required.

End of report.



May 2, 2014

**ENGINEERING LABORATORY
TEST REPORT**

Send to:	Mifab, Inc. 1321 West 119th Street Chicago IL 60643 Mr. Michael Whiteside	Plant:	Mifab, Inc. 1321 West 119th Street Chicago IL 60643
Client #:	88630	Plant #:	88631

NSF Job#: J-00131770

Description of Test Sample: 75 gpm Grease Interceptor Model # (not specified)

Sample Received: November 7, 2013 – Submitted in good condition by client

Date of Test: December 19, 2013

Location of Test: NSF International, Ann Arbor, MI

Test Protocol: PDI G101-2012 Grease Interceptors
ASME A112.14.3-2000 Grease Interceptors

Results:

PDI G101-2012	PASS
ASME A112.14.3-2000	PASS

Technical responsibility

David Orton
Senior Engineer, Engineering Laboratory

Digitally signed by David Orton
DN: cn=David Orton, o=NSF International,
ou=Engineering Lab, email=orton@nsf.org,
c=US;
Date: 2014.05.02 16:14:20 -04'00'

Note: This report replaces serial # F120131230000010. It is being re-issued after the client provided updated instructions and drawings to satisfy the requirements in the standards. This changes the overall pass/fail status to PASS.

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Location: _____

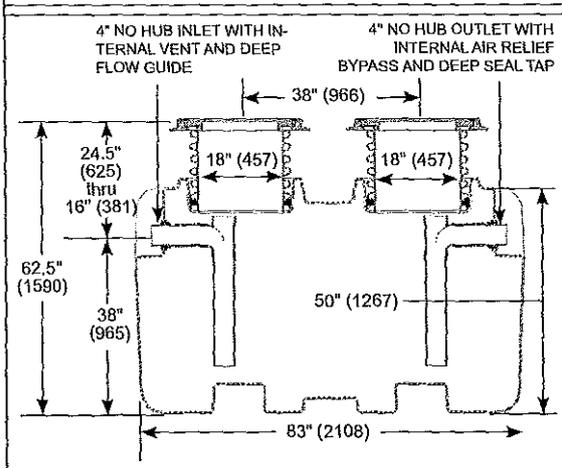
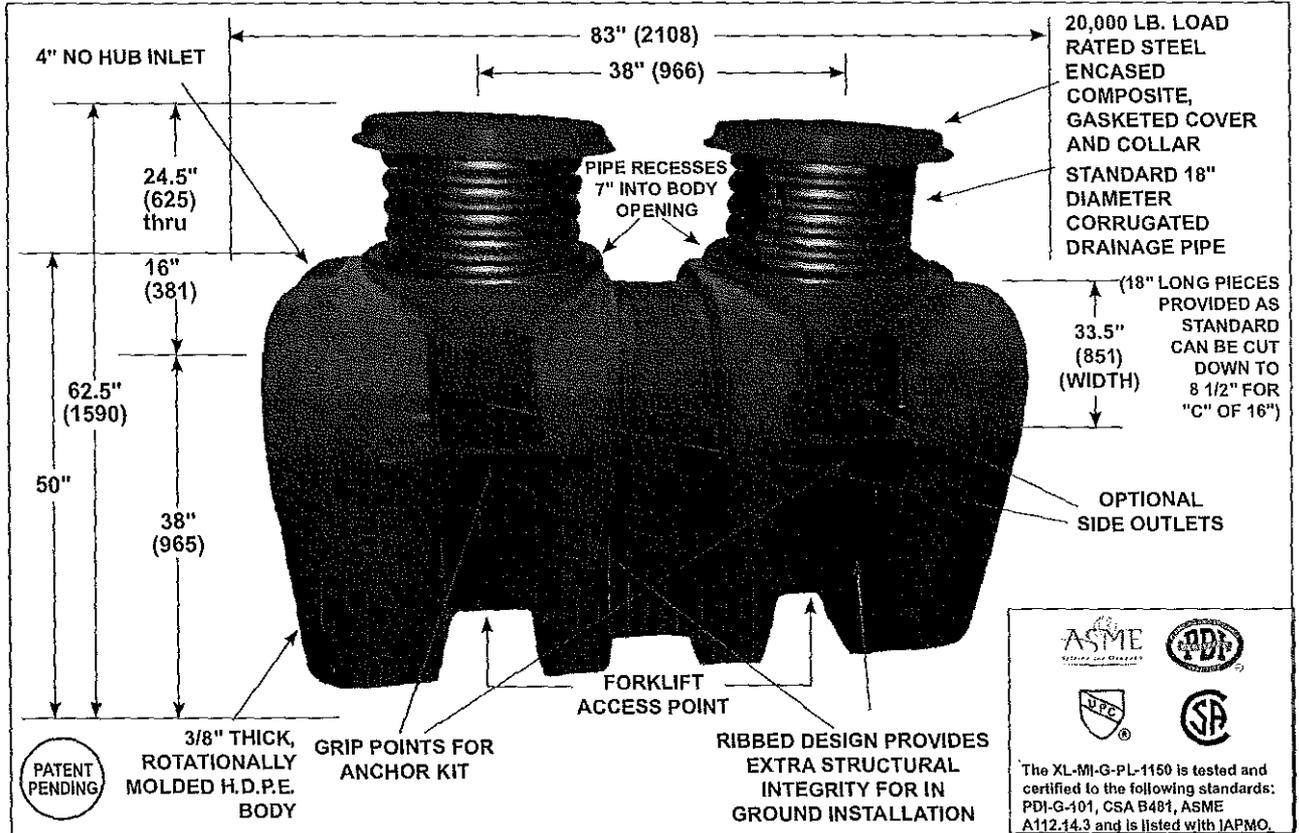


XL-MI-G-PL-1150

LARGE CAPACITY PLASTIC GREASE INTERCEPTOR

Specification: MIFAB® XL-MI-G-PL-1150, 100 GPM grease interceptor with 1,150 lb. grease holding capacity. Interceptor has a limited lifetime warranty and is made in the USA out of seamless, rotationally molded High Density Polyethylene with 3/8" uniform wall thickness. Interceptor designed for above or below ground installation. Interceptor includes a dual adjustable lid system, external, vented flow control fitting, sample port access, and multiple outlet options. Steel encased composite lid provides a water / gas tight seal and have a minimum of 20,000 lbs. load capacity. The lid is designed in accordance with the loading requirements of AASHTO H20.

Function: Used in restaurants, kitchens, institutions, industrial facilities such as food processing and packaging plants and other types of food processing areas where fat, oil and grease (FOG) drains with the wastewater. Narrow width permits access through doorways and down stairwells. High Density Polyethylene construction ensures a lightweight installation process (two people can move and install it).



*Note: The XL-MI-G-PL-1150 does not meet PDI standard if outfitted with an internal flow control (-OP suffix). The PDI standard is only valid for the external flow control fitting.

MODEL NO.	GPM (Flow Rate)	GREASE DESIGN CAPACITY (Lbs.)	LIQUID CAPACITY (GAL)	SHIPPING WEIGHT (Lbs.)
XL-MI-G-PL-1150	100	1,150	300	275

SUFFIX OPTIONAL VARIATIONS

- AK High water anchor kit (set of two)
- C Lid extension (specify "C" dimension required)
- CL Hold down brackets for lid (when installed above ground)
- DI Ductile iron lid and collar
- DP Dosing pump
- EP Enzyme port
- FL-C Membrane clamp kit
- HLA High level alarm
- LHSI 4" no hub inlet on left hand side
- LHSO 4" no hub outlet on left hand side
- OP Internal flow control*
- RHSI 4" no hub inlet on right hand side
- RHSO 4" no hub outlet on right hand side
- SB Sediment bucket
- SP External Sampling Port
- T Female threaded connections



Job Name: _____ Page No: _____

Section No: _____ Contract: _____

Schedule No: _____ Purchase Order No: _____

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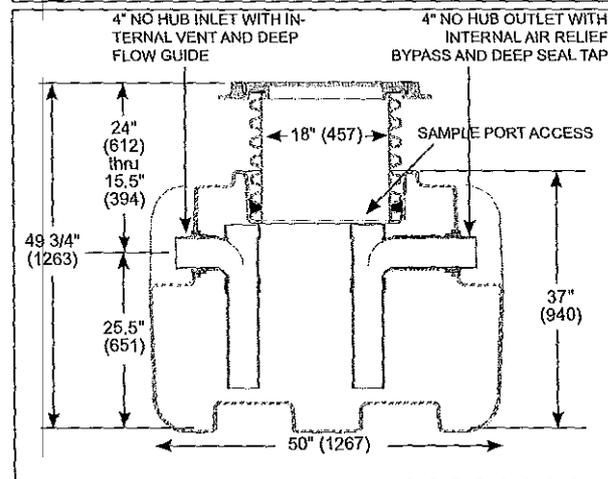
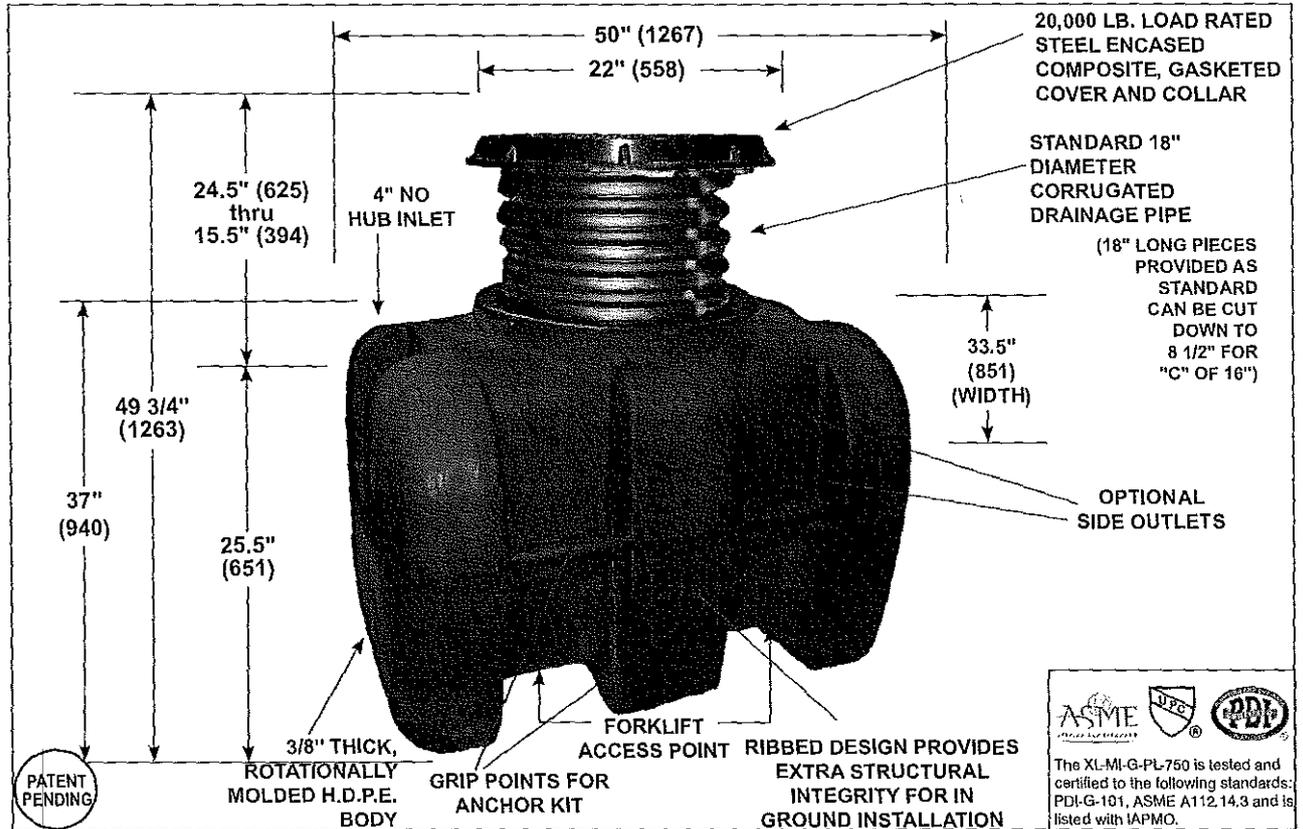
Location: _____

MIFAB® XL-MI-G-PL-750

LARGE CAPACITY PLASTIC GREASE INTERCEPTOR

Specification: MIFAB® XL-MI-G-PL-750, 75 GPM grease interceptor with 750 lb. grease holding capacity. Interceptor has a limited lifetime warranty and is made in the USA out of seamless, rotationally molded High Density Polyethylene with 3/8" uniform wall thickness. Interceptor designed for above or below ground installation. Interceptor includes an adjustable lid system, external, vented flow control fitting, sample port access, and multiple outlet options. The steel encased composite lid provides a water / gas tight seal and has a minimum of 20,000 lbs. load capacity. The lid is designed in accordance with the loading requirements of AASHTO H20.

Function: Used in restaurants, kitchens, institutions, industrial facilities such as food processing and packaging plants and other types of food processing areas where fat, oil and grease (FOG) drains with the wastewater. Narrow width permits access through doorways and down stairwells. High Density Polyethylene construction ensures a lightweight installation process (two people can move and install it).



*Note: The XL-MI-G-PL-750 does not meet PDI standard if outfitted with an internal flow control (-OP suffix). The PDI standard is only valid for the external flow control fitting.

MODEL NO.	GPM (Flow Rate)	GREASE DESIGN CAPACITY (Lbs.)	LIQUID CAPACITY (GAL)	SHIPPING WEIGHT (Lbs.)
XL-MI-G-PL-750	75	750	140	150

SUFFIX OPTIONAL VARIATIONS

- AK High water anchor kit (set of two)
- C Lid extension (specify "C" dimension required)
- CL Holddown brackets for lid (when installed above ground)
- DP Dosing pump
- DI Ductile iron lid & collar
- EP Enzyme port
- FL-C Membrane clamp kit
- HLA High level alarm
- LHSI 4" no hub inlet on left hand side
- LHSO 4" no hub outlet on left hand side
- OP Internal flow control*
- RHSI 4" no hub inlet on right hand side
- RHSO 4" no hub outlet on right hand side
- SB Sediment bucket
- SP External Sample Port
- T Female threaded connections

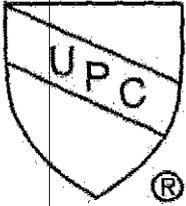


Job Name: _____ Page No: _____
 Section No: _____ Contract: _____
 Schedule No: _____ Purchase Order No: _____

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IAPMO RESEARCH AND TESTING, INC.

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CERTIFICATE OF LISTING

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Effective Date: February 2014 -Rev. 8/5/2014- Void After: February 2015

Product: Hydromechanical Grease Interceptors File No. 3380

Issued To: MIFAB, INC.
1321 West 119th Street
Chicago, IL 60643

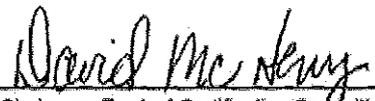
Identification: Manufacturer's name or trademark, model number, inlet, outlet, ASME A112.14.3-2000, product type by rating, efficiency at rated capacity, flow rate, grease capacity and the UPC® certification mark.

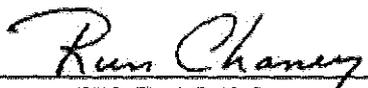
Characteristics: Hydromechanical Grease interceptors, designed to intercept nonpetroleum fats, oil and grease from waste water discharge and is identified by flow rate, separation and retention efficiency. Equipped with a flow control device, interior baffling, hydromechanical separation and incorporates air entrainment. To be installed in accordance with the manufacturer's instructions and the latest edition of the Uniform Plumbing Code.

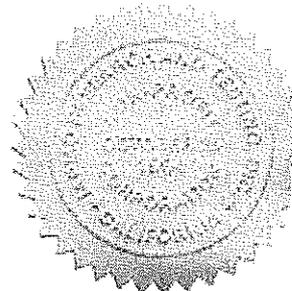
Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

Products are in compliance with the following code(s):

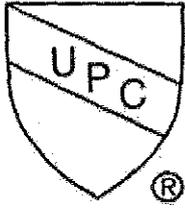
- Uniform Plumbing Code (UPC®)
- International Plumbing Code (IPC®)


Chairman, Product Certification Committee


CEO, The IAPMO Group



This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing.



IAPMO RESEARCH AND TESTING, INC. CERTIFICATE OF LISTING

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-Rev. 8/5/2014-

Void After: February 2015

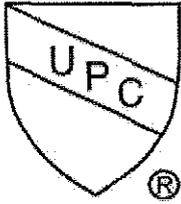
Product: Hydromechanical Grease Interceptors

File No. 3380

Issued To: MIFAB, INC.

Products are in compliance with the following standard(s):

ASME A112.14.3-2000 (R2004)



IAPMO RESEARCH AND TESTING, INC. CERTIFICATE OF LISTING

Page 3

-Rev. 8/5/2014-

Void After: February 2015

Product: Hydromechanical Grease Interceptors

File No. 3380

Issued To: Mifab, Inc.

MODELS:

Steel grease traps

MIFAB MI-G-4 (20 GPM)
MIFAB MI-G-5 (25 GPM)
MIFAB MI-G-6 (35 GPM)
MIFAB MI-G-7 (50 GPM)
MIFAB MI-G-L-20 (20 GPM)
MIFAB MI-G-L-35 (35 GPM)

Trap contains 1 Removable Baffle.

Grease Traps

MI-CS-20
MI-CS-25
MI-CS-35
MI-CS-50
MI-G-SD-4
MI-G-SD-5
MI-G-SD-6
MI-G-SD-7
MI-G-SDH-4
MI-G-SDH-5
MI-G-SDH-6
MI-G-SDH-7
MI-G-4-C
MI-G-5-C
MI-G-6-C
MI-G-7-C
MI-G-L-50
MI-CSD-20
MI-CSD-25
MI-CSD-35
MI-CSD-50

Grease Interceptors

XL-MI-G-1
XL-MI-G-1-C
XL-MI-G-O
XL-MI-G-O-C
XL-MI-G-PL-1150
XL-MI-G-PL-750



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

MIKE ZIMMER
ACTING DIRECTOR

DOCUMENT #15-10

December 5, 2014

TO: Members of the Construction Code Commission
FROM: Joseph T. Madziar, Plumbing Division Chief 
SUBJECT: Certificate of Acceptance for B-Dry Systems of Michigan, Pipe & Gravel System,
BCCP-14-007

The applicant has requested product approval to provide product acceptance through approval clarification for a pipe and gravel subsoil drainage system for water removal from basement foundations.

APPLICANT REPRESENTATIVE:

Mr. Donald Henry

APPLICANT:

B-Dry Systems of Michigan
35400 Stanley Drive
Sterling Heights, MI 48312

AUTHORITY:

Section 21 of Act 230, 1972 being section 125.1521 of the Michigan Compiled Laws

PRODUCT:

Pipe and gravel subsoil drain system

PRODUCT DESCRIPTION:

The B-Dry pipe and gravel system consists of 3 inch diameter polyethylene plastic drain pipe, polyethylene film, B-Dry Rigid Sealer, minimum ¼ inch to a maximum of 1 inch crushed stone and thermoplastic rivets. The drain pipe collects the water and carries it to a discharge point.

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APPLICATION:

This product will be used as a pipe and gravel subsoil drain system for the removal of water from basement foundations. The B-dry system is intended for new and existing construction. The systems are installed below the interior concrete slab of the below grade story or basement floor beside the footing of the foundation wall.

APPROVALS/TESTS:

ICC Evaluation Service, Evaluation Report 97-66.01, sections 2.4.2 through 2.4.2.7.

BOCA Research Report Number 96-3

APPLICABLE CODE SECTION:

Michigan Plumbing Code

Section 1102.5 Subsoil drain pipe. Subsoil drains shall be open-jointed, horizontally split or perforated pipe conforming to one of the standards listed in Table 1102.5.

Section 1112.1 Subsoil drains. Subsoil drains shall be open-jointed, horizontally split or perforated pipe conforming to one of the standards listed in Table 1102.5. Such drains shall not be less than 4 inches (102 mm) in diameter. Where the building is subject to backwater, the subsoil drain shall be protected by an accessibly located backwater valve. Subsoil drains shall discharge to a trapped area drain, sump, dry well or *approved* location above ground. The subsoil sump shall not be required to have either a gas-tight cover or vent. The sump and pumping system shall comply with Section 1114.1.

CONDITIONS OF USE AND INSTALLATION:

1. All requirements of the Michigan Plumbing Code shall be applicable.
2. Shall be installed in accordance with the manufacturer's installation instructions.
3. This system shall not be installed in a structure with a monolithic wall/floor system.
4. This approval shall become void if and when the product no longer meets the requirements of the Michigan Plumbing Code or a change in design/designation occurs.

RECOMMENDATION:

The State Plumbing Board recommended the product to the commission for approval at the July 16, 2014 board meeting.

ICC-ES Evaluation Report**97-66.01***

Reissued May 1, 2007

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A Subsidiary of the International Code Council®

Legacy report on the BOCA® National Building Code/1999

DIVISION: 02—SITWORK
Section: 02620—Subdrainage**REPORT HOLDER:****B-DRY® SYSTEM, INC.**
455 SOUTH 4TH STREET
SUITE 350
LOUISVILLE, KENTUCKY 40202
(502) 315-4790
www.bdry.com
dmcgee@bdry.com**EVALUATION SUBJECT:****B-DRY® THERMO-FLO®, B-DRY® FREE-FLO® AND B-DRY® PIPE AND GRAVEL DRAINAGE SYSTEMS****EVALUATION SCOPE:**

Compliance with the following code:

BOCA® National Building Code/1999

- Section 803.2 Classification
- Section 803.3.2 Smoke development
- Section 803.4 Required flame spread index
- Section 1710.1 Preconstruction load test - General

1.0 DESCRIPTION OF EVALUATION

This report evaluates B-Dry® Thermo-Flo®, B-Dry® Free-Flo and B-Dry® Pipe and Gravel Drainage Systems for use as subsurface drainage systems for draining ground water or storm water through a review of data submitted.

2.0 DESCRIPTION AND USE OF PRODUCT**2.1 General Description:**

The B-Dry® Drainage Systems are intended for use in new and existing construction. The systems are located below the interior concrete slab of the below grade story or basement floor beside the footing of the foundation wall. There are two types of B-Dry® Drainage Systems, both of which are intended for use with foundation walls of either concrete masonry unit or poured concrete construction.

The B-Dry® Thermo-Flo® and B-Dry® Free-Flo System consists of a two-piece or 1-piece poly vinyl chloride (PVC) drain channel, 0.004 to 0.006-inch-thick (0.102 to 0.152 mm) polyethylene film, B-Dry® Rigid Sealer®, minimum 1 inch (25.4 mm) crushed stone, a poly vinyl chloride

(PVC) plastic angle, and thermoplastic rivets. See Figure 1 of this report for an illustration of the Thermo-Flo® Drainage System when used with a concrete masonry unit foundation wall and Figure 2 of this report for an illustration of the Thermo-Flo® Drainage System when used with a poured concrete foundation wall.

The B-Dry® Pipe and Gravel System consists of a 3-inch-diameter (76.2 mm) polyethylene plastic drain pipe, 0.004 to 0.006-inch-thick (0.102 to 0.152 mm) polyethylene film, B-Dry® Rigid Sealer®, minimum 1/4 inch (6.4 mm) to maximum 1 inch (25.4 mm) crushed stone, and thermoplastic rivets. See Figure 3 of this report for an illustration of the Pipe and Gravel Drainage System when used with a concrete masonry unit foundation wall and Figure 4 of this report for an illustration of the Pipe and Gravel Drainage System when used with a poured concrete foundation wall.

2.2 Use Of Product:

When used with concrete masonry unit foundations, both systems function by draining water or moisture permeating through the wall assembly or through weep holes placed on the inside face of concrete masonry units. The water passes through gravel or crushed stone before entering the channel or pipe. The water is then discharged from the structure by gravity or mechanical means. The gravel or crushed stone is intended to filter debris from the water. A layer of 0.004 to 0.006-inch-thick (0.102 to 0.152 mm) polyethylene film and B-Dry® Rigid Sealer® are applied to the inside face of the exterior wall to direct moisture below the floor level and into the drainage channel or pipe.

When used with a poured concrete foundation wall, both drainage systems are to be supplementary to a foundation drain installed in accordance with Section 1813.0 of the BOCA® National Building Code/1999. In the instances where water does permeate through the poured concrete foundation wall, the drainage systems are intended to discharge the water as described above for concrete masonry unit foundation walls.

2.3 Components:

Sections 2.3.1 through 2.3.5 of this report describe the components of the B-Dry® Thermo-Flo®, B-Dry® Free-Flo Pipe and Gravel Drainage Systems, and 1 piece Free Flo System.

See Figures 1, 2, 3, and 4 of this report for additional information regarding the configuration of the two drainage systems and their components.

*Revised September 2010

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Page 1 of 4

2.3.1 Drain Channels or Pipes: The B-Dry® Thermo-Flo® and B-Dry® Free-Flo Drainage System drain channel component is a two-piece or one-piece construction of extruded, solid poly vinyl chloride (PVC) compound which are 0.1-inch-thick (2.54 mm). The top piece is a flat plate 5-inch-wide (127 mm) and 10-foot-long (3048 mm) and snaps onto the bottom U-shaped drain channel. Drainage holes, 1-inch-diameter (25.4 mm) and 3 inches (76 mm) on center, are located on each side of the base of the U-shaped channel. The component cross section is a 3-by-6-inch (76 × 152 mm) rectangle with a 2-inch (51 mm) flange on top. The flange is attached to the foundation wall with a poly vinyl chloride (PVC) plastic angle and thermoplastic rivets.

The B-Dry® Pipe and Gravel Drainage System incorporates a drainage pipe component that is a 3-inch-diameter (76 mm) polyethylene plastic pipe with 0.1-inch-thick (2.54 mm) walls. The drainage pipe components are installed in 1 foot (305 mm) sections which are placed 1/4 inch (6.4 mm) apart to allow moisture or water to drain through the pipes and away from the structure.

2.3.2 B-Dry® Rigid Sealer®: Polyethylene film [0.004 to 0.006-inch-thick (0.102 to 0.152 mm)] is temporarily attached to the foundation walls with tape. Following attachment of the film to the wall, B-Dry® Rigid Sealer® is applied at the intersection of the wall and the floor. Thermoplastic rivets spaced 18 to 22 inches (457 × 559 mm) are then used to permanently attach the film and the Rigid Sealer® to the foundation wall. The Rigid Sealer® is 0.080-inch-thick (2.03 mm) polyethylene plastic with a density of 72 lb/ft³ (1153 kg/m³) and is available in 4-by-8-foot (1219 × 2438 mm) sheets.

2.3.3 Crushed Stone: One layer of stone is used for the B-Dry® Thermo-Flo® Drainage Systems. A minimum 6 inch (152 mm) layer of minimum 1 inch (25.4 mm) crushed stone shall be placed on one side of the drain channel with the side facing the footing left free of stone to allow an air space to exist between the footing and channel.

Three layers of stone are used for the B-Dry® Pipe and Gravel Drainage Systems. A minimum 1-inch-thick (25.4 mm) layer of minimum 1/4 inch (6.4 mm) to maximum 1/2 inch (12.7 mm) crushed stone shall be placed at the bottom of the trench. A minimum 3 inch (76.2 mm) layer of minimum 3/4 inch (19.1 mm) to maximum 1 inch (25.4 mm) crushed stone shall be placed around the drain pipe. A minimum 1/2-inch-thick layer (12.7 mm) of minimum 1/4 inch (6.4 mm) to maximum 1/2 inch (12.7 mm) crushed stone shall then be placed on top.

2.3.4 Plastic Angle: The plastic angle component of the Thermo-Flo® Drainage System is a one-piece construction of extruded, solid poly vinyl chloride (PVC) compound which is 0.1-inch-thick (2.54 mm). Both legs of the angle are 1.030-inch-long (26.2 mm).

2.3.5 Thermoplastic Rivets: Thermoplastic rivets are used to fasten the Rigid Sealer® and the plastic angle to the wall. The rivets are available in a maximum length of 0.75 inch (19.1 mm), with a head dimension of 0.63 inch (16 mm) and a grip range of 0.50 to 0.80 inch (12.7 to 15.2 mm).

2.4 Use And Application:

2.4.1 Thermo-Flo® Drainage System: Figures 1 and 2 of this report show a schematic illustration of the B-Dry® Thermo-Flo Drainage System with concrete masonry unit and poured concrete foundation walls.

2.4.1.1 The below grade story or basement floor, if existing, shall be removed and the soil and underlying fill

excavated for a distance of 8 to 12 inches (203 to 305 mm) from the wall to permit a trench to be installed adjacent to the footing (See Limitation 4.6 of this report).

2.4.1.2 A trench shall be excavated alongside the footing, but not below the footing, at a depth of at least 2/3 the depth of the footing. For example, if the footing depth is 12 inches (305 mm), then the trench shall be dug to a depth of 8 inches (203 mm) minimum (See Limitation 4.2 of this report).

2.4.1.3 The bottom U-shaped channel of the Thermo-Flo® Drainage System is placed in the trench. The top piece is then snapped onto the U-shaped channel or one-piece pipe. The 2-inch (51 mm) flange is supported by a piece of poly vinyl chloride (PVC) angled plastic attached to the wall with thermoplastic rivets spaced 8 inches (203 mm) on center.

2.4.1.4 In concrete masonry unit foundation walls, 3/4-inch-diameter (19.1 mm) holes shall be drilled in each core of every block in the bottom course of blocks. The holes allow moisture running down the inside of the block to be expelled from the wall and into the drain channel.

2.4.1.5 A minimum 6-inch-thick (152 mm) layer of minimum 1 inch (25.4 mm) crushed stone shall be placed on one side of the drain channel with the side adjacent to the footing left free of stone to allow an air space to exist between the footing and channel.

2.4.1.6 Polyethylene film [0.004 to 0.006-inch-thick (0.102 to 0.152 mm)] is temporarily attached to the foundation walls with tape. Following attachment of the film, B-Dry® Rigid Sealer® is applied to the wall. This allows moisture condensing on the inside face of the exterior wall to be channeled into the Thermo-Flo® Drainage System. The 4-by-8-foot (1219 × 2438 mm) B-Dry® Rigid Sealer® sheets are cut at the job site to extend from the top of the weep holes to a minimum of 1 foot (305 mm) above the finished below-grade story or basement floor. The polyethylene film and Rigid Sealer® are fastened to the wall using thermoplastic rivets spaced 18 to 22 inches (457 × 559 mm).

2.4.1.7 The floor shall be resurfaced with concrete meeting the minimum requirements as set forth in Sections 1905.0, 1906.0, 1907.0, and 1908.0 of the BOCA® National Building Code/1999.

2.4.2 Pipe and Gravel Drainage System: Figures 3 and 4 of this report show a schematic illustration of the B-Dry® Pipe and Gravel Drainage System with concrete masonry unit and poured concrete foundation walls.

2.4.2.1 The below-grade story or basement floor is removed in the same manner as in Section 2.4.1.1 of this report.

2.4.2.2 A trench shall be excavated alongside the footing in the same manner as in Section 2.4.1.2 of this report.

2.4.2.3 A minimum 1-inch-thick (25.4 mm) layer of minimum 1/4 inch (6.4 mm) to maximum 1/2 inch (12.7 mm) crushed stone shall be placed at the bottom of the trench before installing the drain pipe.

2.4.2.4 The drain pipes are then placed in the trench. The drains are 1 foot (305 mm) lengths of PVC pipe which are placed approximately 1/4 inch (6.4 mm) apart to allow water to pass through as shown in Figures 3 and 4 of this report. A minimum 3 inch (76.2 mm) layer of minimum 3/4 inch (19.1 mm) to maximum 1 inch (25.4 mm) crushed stone shall be placed around the drain pipe. A minimum 1/2 inch layer (12.7 mm) of minimum 1/4 inch (6.4 mm) to maximum 1/2 inch (12.7 mm) crushed stone shall then be placed on top as indicated in Figures 3 and 4 of this report.

2.4.2.5 Where the Pipe and Gravel System is installed with a concrete masonry unit foundation wall, weep holes $\frac{3}{4}$ -inch-diameter (19.1 mm) shall be drilled in each core of every concrete block at the base of the foundation wall. Note that only those blocks on the bottom tier are to be drilled and that the number of weep holes to be drilled will depend on the number of interior cavities within the blocks.

2.4.2.6 After covering the inside of the foundation wall with a layer of 0.004 to 0.006-inch-thick (0.102 to 0.152 mm) polyethylene film, Rigid Sealer[®] is applied to the wall to channel moisture below the floor and into the drainage pipe. The polyethylene film and B-Dry[®] Rigid Sealer[®] are installed in the same manner as in Section 2.4.1.6 of this report.

2.4.2.7 The floor shall be resurfaced with concrete meeting the minimum requirements as set forth in Section 2.4.1.7 of this report.

3.0 INFORMATION SUBMITTED

- 3.1 United States Testing Company, Inc., Test Report No. 93110, dated April 23, 1986, was submitted as evidence that B-Dry[®] Rigid Sealer[®] has a smoke-developed index of less than 450 and a flame spread index between 76 and 200 (Class III).
- 3.2 Tensile Testing Metallurgical Laboratory, Job No. 98-015-927, dated January 16, 1998, was submitted as evidence of physical testing performed on the B-Dry[®] Pipe and Gravel Drainage System in accordance with Section 1710.3 of the BOCA[®] National Building Code/1999.
- 3.3 Test data from BF Goodrich Company, dated June 13, 1986, was submitted as evidence of physical testing performed on the Thermo-Flo[®] Drainage System in accordance with Section 1710.3 of the BOCA[®] National Building Code/1999.
- 3.4 Certification letter sealed and signed by a Professional Engineer, dated September 26, 1984, was submitted as evidence of structural testing performed on concrete masonry units with drainage holes.

4.0 CONDITIONS OF USE

This report is limited to the applications and products as stated in this report. The ICC-ES Subcommittee on National Codes intends that the report be used by the code official to determine that the report subject complies with the code requirements specifically addressed, provided that this product is installed in accordance with the following limitations:

Limitations:

- 4.1 The B-Dry[®] Thermo-Flo[®], B-Dry[®] Free-Flo and Pipe and Gravel Drainage Systems shall be installed as described in this report.
- 4.2 The footing shall not be undermined under any circumstances during the excavation of the trench required for the installation of the B-Dry[®] Thermo-Flo[®] and Pipe and Gravel Drainage Systems.
- 4.3 B-Dry[®] Rigid Sealer[®] meets the requirements for a Class III interior finish material as defined by Section 803.0 of the BOCA[®] National Building Code/1999, and is limited for use in areas where a Class III Interior Finish is permitted.
- 4.4 B-Dry[®] Thermo-Flo[®], B-Dry[®] Thermo-Flo and Pipe and Gravel Drainage Systems shall not be installed where the load capacity of the wall is not adequate or is jeopardized by the excavation and/or installation.

4.5 B-Dry[®] Thermo-Flo[®], B-Dry[®] Thermo-Flo and Pipe and Gravel Drainage Systems shall not be installed in such a manner as to reduce the lateral load-resisting capabilities of the below-grade story or basement foundation walls.

4.6 Where the load capacity of the wall or footing is not adequate or is jeopardized by the excavation and/or installation, construction of the system shall cease. Methods required to enhance the capacity or stability of the foundation system, including modifications and repairs of structural cracks in existing foundation walls, shall be determined by a registered design professional and are outside the scope of this report.

4.7 Water which drains into this drainage system shall be collected and disposed of in an approved manner in accordance with the 1997 International Plumbing Code[®]. The collection and disposal system shall be installed in accordance with the 1997 International Plumbing Code[®], the design of which is outside the scope of this evaluation.

4.8 Evaluation of the Thermo-Flo[®] and Pipe and Gravel Drainage Systems when utilized with a poured concrete foundation wall is limited to installations that comply with Section 1813.5.2 of the BOCA[®] National Building Code/1999.

4.9 The B-Dry[®] System, Inc., Thermo Flo[®], B-Dry[®] Free-Flo and Pipe and Gravel Drainage Systems are limited to applications where the ground water table investigation determines that a subsoil drainage system is required.

4.10 This report is subject to periodic re-examination. For information on the current status of this report, contact the ICC-ES.

5.0 INFORMATION REQUIRED ON CONSTRUCTION DOCUMENTS

To aid in the use of this report, the following represents the minimum level of information to be reflected on construction documents in order to determine compliance with this research report.

- 5.1 The language "See ICC-ES Legacy Report No. 97-66."
- 5.2 The type of drainage system intended for use.
- 5.3 The type of foundation wall construction.
- 5.4 Method for disposal of water from the system.
- 5.5 Instructions regarding investigations of the load carrying capacity of the wall to determine adequacy.
- 5.6 Specifications for all destructive operations.
- 5.7 Specifications for location and size of weep holes in concrete masonry unit foundations.

6.0 PRODUCT IDENTIFICATION

All packaging of B-Dry[®] Thermo-Flo[®], B-Dry[®] Thermo-Flo and Pipe and Gravel Drainage Systems manufactured in accordance with this research report shall be marked at the plant with the manufacturer's name and model number, along with the identifying language "See ICC-ES Legacy Report No.97-66."

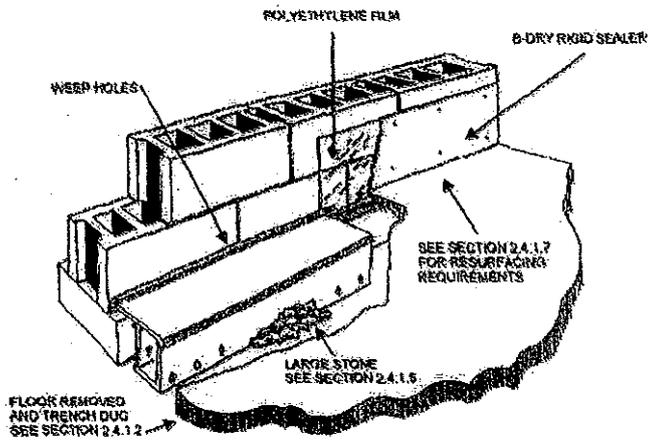


FIGURE 1*—THERMO-FLO® DRAINAGE SYSTEM CONCRETE MASONRY UNIT FOUNDATION WALL

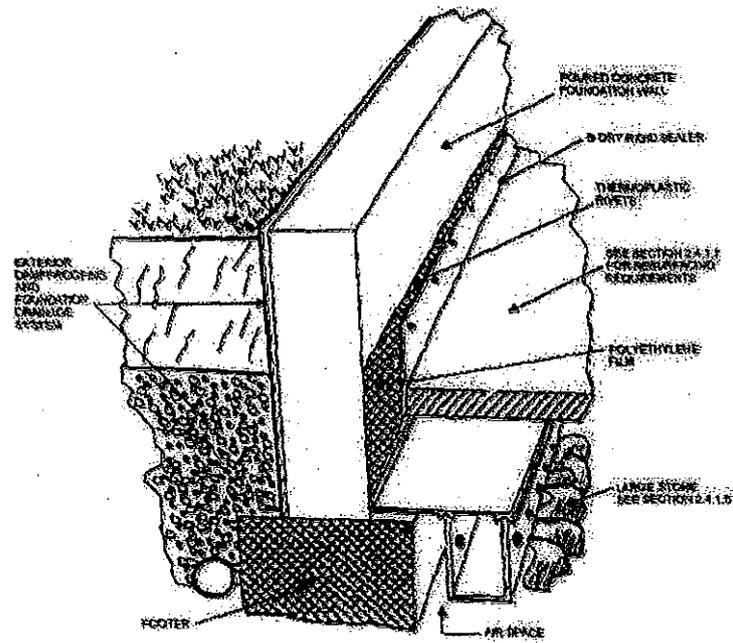


FIGURE 2*—THERMO-FLO® DRAINAGE SYSTEM POURED CONCRETE FOUNDATION WALL

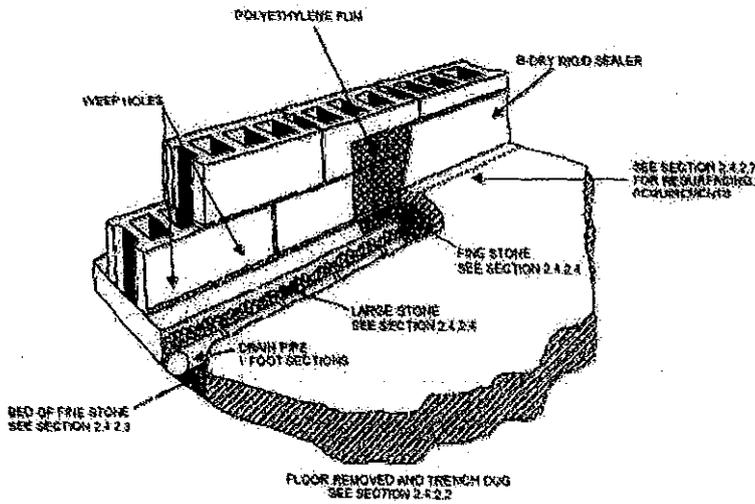


FIGURE 3*—PIPE AND GRAVEL DRAINAGE SYSTEM CONCRETE MASONRY UNIT FOUNDATION WALL

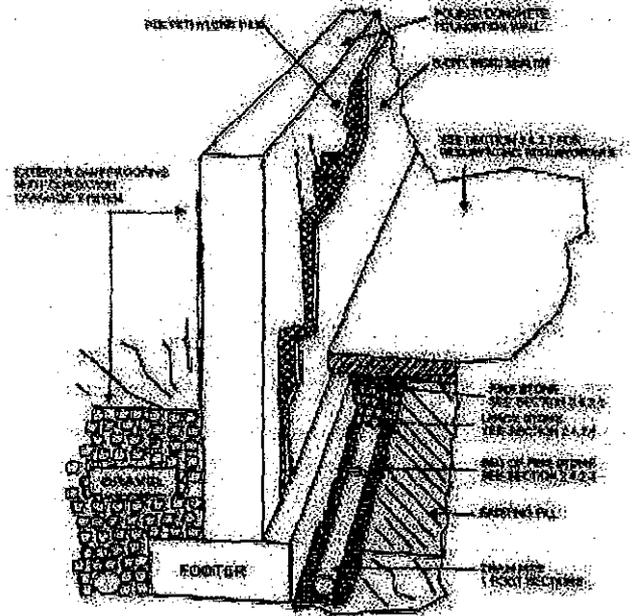
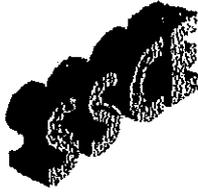


FIGURE 4*—PIPE AND GRAVEL DRAINAGE SYSTEM POURED CONCRETE FOUNDATION WALL

*THESE DRAWINGS ARE FOR ILLUSTRATION PURPOSES ONLY. THEY ARE NOT INTENDED FOR USE AS CONSTRUCTION DOCUMENTS FOR THE PURPOSE OF DESIGN, FABRICATION OR ERECTION.



Structurally Sound Consulting and Engineering, PC

October 14, 2005

Job Number: 05-075

B-Dry System of Wayne County
Attn: Bert Koski
14321 W Warren Ave.
Dearborn, MI 48126-1458

Re: Concrete floor at floor/wall intersection

INTRODUCTION

The waterproofing system that B-Dry installs removes the perimeter portion of the concrete floor around the basement (approximately 16"-18".) In this area there is a perimeter drain installed to the sump pump. Stone is placed from the wall to the drain (approximately 2" thick.) The 1- 1/2" concrete floor is installed over the stone and flush with the existing floor to the wall. It is our understanding that the building inspector of Allen Park is questioning the structural integrity of the thickness of the floor.

FINDINGS

Calculations were performed to determine the stresses upon this area. The forces in this area were examined for 1" portion floor slab (conservative estimate.) This thickness is structurally sufficient to support the imposed loads.

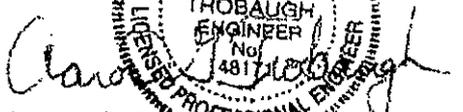
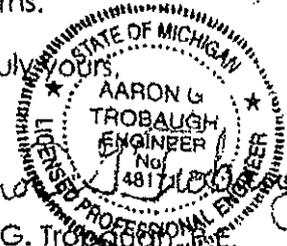
It is important that the sub grade upon which the slab is cast is compact and uniform. This will properly support the concrete floor.

CONCLUSION

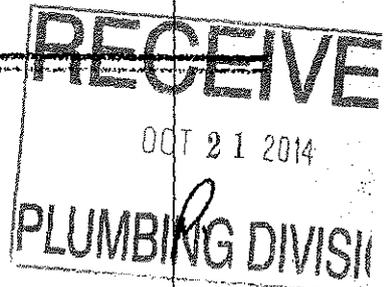
The thinner floor slab, 1"- 1 1/2" is structurally sound and capable of supporting the loads.

Please feel free to contact our office if you have any further questions or concerns.

Very truly yours,


Aaron G. Trobaugh, P.E.


546 Kelli Avenue, Marysville, Michigan 48040
Cell 810.300.3876 Phone and Fax 810.364.2693



See Page 2

BOCA EVALUATION SERVICES, INC.

BOCA RESEARCH REPORT NO



96-3

A Participating Member of the NES, Inc.

DIVISION - 02 SITEWORK

SECTION - 02710 SUBDRAINAGE SYSTEMS

A-FLO DRAINAGE SYSTEM (TRIANGULAR PROFILE)

B-DRY® SYSTEM, INC.
1341 COPLEY ROAD
AKRON, OHIO 44320

1.0 DESCRIPTION OF EVALUATION

This report evaluates the use of B-Dry® System, Inc., A-Flo Drainage System (Triangular Profile) as a subsurface seepage drainage system through a review of test data, manufacturer's literature and patent information.

1.0 DESCRIPTION AND USE OF PRODUCT

2.1 GENERAL DESCRIPTION

The A-Flo Drainage System is a basement or crawl space foundation drainage system. The A-Flo Drainage System is used in new and existing construction. The system consists of a triangular two-piece drain channel surrounded by gravel, and is located on the inside of the foundation wall at the depth of the footing. Refer to Figure 1 at the end of this report for a schematic illustration of the A-Flo Drainage System.

The A-Flo Drainage System functions by directing water or moisture from the exterior side of the foundation. The moisture or water passes through the gravel surrounding the drain channel before entering the drain channel to be discharged from the structure by gravity or mechanical means.

The A-Flo Drainage System triangular channel is extruded plastic which is 0.1-inch (2.5 mm) thick and comes in two pieces. The top piece is an inverted "V" that is 8 feet (2.44 m) long and snaps into a flat bottom piece that is 4 inches (100 mm) wide. The drainage channel has 1 inch (25 mm) diameter drainage holes placed 4 inches (100 mm) on center that are 1 inch (25 mm) from the base of the channel. The assembled channel has an equilateral triangular shape.

When it is necessary to replace existing concrete of a basement floor slab removed to permit installation of the A-Flo Drainage System, a sand-cement mixture is used. This sand-cement is supplied by American Stone-Mix, Inc., under the trade name *Waterproofer's Sand Mix*.

2.2 INSTALLATION

The A-Flo Drainage System is installed in accordance with the manufacturer's installation instructions by B-Dry® trained technicians. The system is installed along the interior side of the footing. Weep holes shall be drilled in the base of the bottom course of the foundation wall when the foundation wall is constructed of concrete masonry.

The A-Flo Drainage System is installed in a shallow trench along side the footing. The footing shall not be undermined under any circumstances during the excavation of the trench.

The completed installation of the A-Flo Drainage System shall result in a completely buried and concealed system. When the system is installed in a crawl space without a concrete floor slab, the system shall be completely covered by gravel or crushed stone.

3.0 CODE ANALYSIS OF SUBMITTED INFORMATION

The following data were submitted by the proponent for demonstration of compliance with the respective code sections listed above each item of information. The basis is the *BOC National Building Code/1996*.

3.1 FOUNDATION DRAINAGE

3.1.1 Code Section 1813.5.2 Foundation drains: This code section requires the installation of a foundation drainage system around the building footing in a bed of gravel or crushed stone.

3.1.2 Code Section 1813.5.3 Drainage disposal: This code section requires the floor base and foundation perimeter drain to discharge by gravity or mechanical means.

INFORMATION SUBMITTED:

The manufacturer's patent documentation, dated January 1996 (which includes a product description, design standards and material components) and installation instructions, (April 8, 1996, require an installation procedure which satisfies the requirements of Sections 1813.5.2 and 1813.5.3. Refer to Figure 1 at the end of this report.

Please contact BOCA Evaluation Services, Inc., with any questions you may have regarding this report. Additionally, please contact us if you have any information that contradicts the performance of the product described herein which is contrary to this report. This report is subject to the limitations listed herein and to the specific product, data or reports submitted by the applicant requesting this report. Independent tests were not performed by BOCA Evaluation Services, Inc., and BOCA Evaluation Services, Inc., does not make any warranty, either expressed or implied, as to any findings or other matter in this report or as to any product covered by this report. Evaluation reports are not to be construed as representing analyses or any other attributes not specifically addressed nor as an endorsement or recommendation for the use of the subject of the report.

3.2 STRUCTURAL

3.2.1 Code Section 1905.1 General (minimum concrete slab thickness): This code section requires a minimum thickness of 3 1/2 inches (90 mm) for concrete floor slabs supported directly on the ground.

3.2.2 Code Section 106.4 Alternative materials and equipment: This code section allows for the use of alternative materials to those prescribed by the code shown to be at least the equivalent of those prescribed in the code in quality, strength, effectiveness, and durability.

INFORMATION SUBMITTED:

An comparative analysis; including a Modulus of Rupture Analysis, Minimum Compressive Strength, and comparison between standard weight 3 1/4-inch-thick concrete slab and the 2-inch-thick "Waterproofer's Sand Mix," was submitted. This analysis, dated March 27, 1995, indicated that the 2-inch-thick "Waterproofer's Sand Mix" was the structural equivalent to the standard weight 3 1/4-inch thick concrete slab. This analysis was prepared by Elizabeth Skalneik, Research Engineer for American Stone-Mix, Inc., and was dated March 27, 1995. The values used in the analysis were based upon testing performed by a testing facility and in-plant quality control testing.

3.3 PRECONSTRUCTION LOADS

Code Section 1604.4 Preconstruction load testing-general: This code section requires that when evaluating the physical properties of materials and methods of construction that are not capable of being designed by approved engineering analysis or which do not comply with applicable material design standards, the structural adequacy shall be determined based on the load test criteria of Section 1710.0 of the *BOCA National Building Code/1996*.

INFORMATION SUBMITTED:

A signed and sealed letter of engineering analysis from James A. Titmus, P.E., dated September 26, 1984, was submitted. This letter states that, based upon test results of concrete blocks modified to match the modifications to be made for the B-Dry® System, the B-Dry® System has no significant adverse

4.2 The B-Dry® System, Inc., A-Flo Drainage System shall be installed in accordance with the manufacturer's installation instructions and this report.

4.3 The footing shall not be undermined under any circumstances during the excavation of the trench required for the installation of the A-Flo Drainage System.

4.4 The B-Dry® System, Inc., A-Flo Drainage System shall not be installed when the load capacity of the wall is not adequate or is jeopardized by the excavation and/or installation. Methods required to enhance the capacity or stability of the foundation system shall be determined by a registered design professional and are outside the scope of this report.

4.5 Lateral load-resisting capabilities of the basement foundation walls are outside the scope of this report.

4.6 Water which drains into this drainage system shall be collected and disposed of in an approved manner in accordance with the *International Plumbing Code/1995*.

4.7 This B-Dry® System, Inc., A-Flo Drainage System is limited for use in new construction to installations where the ground water table investigation, as stated in Code Section 1813.2, determines that hydrostatic pressure will not occur.

4.8 "Waterproofer's Sand Mix" from American Stone-Mix, Inc., shall be used for the replacement of concrete removed from an existing basement slab necessary for the installation of the A-Flo Drainage System when the thickness of the replacement is less than 3 1/2-inches thick. The minimum thickness of the "Waterproofer's Sand Mix" replacement shall be 2 inches (50 mm).

5.0 INFORMATION REQUIRED ON CONSTRUCTION DOCUMENTS

To aid in the use of this report, the following represents the minimum level of information to be reflected on construction documents in order to determine compliance with this research



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
IRVIN J. POKE
DIRECTOR

MIKE ZIMMER
ACTING DIRECTOR

December 18, 2014

Mr. Michael Homier, Attorney
Foster, Swift, Collins & Smith, P. C.
1700 E. Beltline, NE, Suite 200
Grand Rapids, MI 49525

RE: City of Cadillac
Application to Administer and Enforce

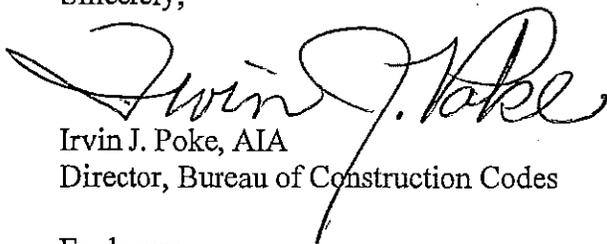
Dear Mr. Homier:

On October 1, 2014, the State Construction Code Commission issued a conditional approval order (copy enclosed) regarding the city of Cadillac and its Application to Administer and Enforce the Michigan construction codes. The conditional approval required the city to submit additional information to meet the conditions for approval before they could begin enforcement of the construction codes. Aside from the revised ordinances, to date, the bureau has not received the City's additional information.

Therefore, please provide a written report to our office that indicates the city's status of meeting the conditions for approval along with the timeline for meeting the conditions. This report is due to the bureau **no later than December 29, 2014.**

As you are aware, and as stated in the attached order, the city may not begin enforcement of the building, electrical, mechanical or plumbing codes until the documentation outlined in the attached order have been approved and an effective date has been set. If you have questions, you may contact Michael Somers of my staff at (517) 335-2972.

Sincerely,



Irvin J. Poke, AIA
Director, Bureau of Construction Codes

Enclosure

Cc: Bob Scarbrough, Building Official, Wexford County, w/o enclosure

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MICHIGAN DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS
BUREAU OF CONSTRUCTION CODES
CONSTRUCTION CODE COMMISSION
2501 Woodlake Circle
Okemos, MI 48864

Mailing Date: October 10, 2014

City of Cadillac
200 Lake Street
Cadillac, MI 49601

Application to Administer and Enforce
Michigan BEMP Codes
CCC Document No. 14-36

DECISION OF THE
MICHIGAN CONSTRUCTION CODE COMMISSION

On October 1, 2014, the Construction Code Commission reviewed the City of Cadillac's Application to Administer and Enforce as prescribed in the Stille-DeRossett-Hale Single State Construction Code Act, 1972 PA 230, MCL 125.1501. The application and all supplemental materials received before the meeting date were provided to all parties. This decision is issued pursuant to Section 8b (6) of 1972 PA 230, MCL 125.1508b (6).

PROCEDURAL FINDINGS:

The commission acknowledged receipt of the material in this matter on the above noted date. A notice was mailed to the City of Cadillac that this matter would be addressed by the Commission. Representatives from the City of Cadillac, Michael Homier, City Attorney, and Marcus Peccia, City Manager, attended the October 1, 2014, meeting to answer questions and provide Commissioners with a written response to the bureau's findings.

FINDINGS OF FACT:

The City's comments at the meeting and their written response to the bureau's findings indicate:

Finding No. 1: Access to the Referenced Standards

The City indicated they have current and consistent access to the referenced standards through the Ferris State University library.

Finding No. 2: Ordinances for Building, Electrical, Mechanical, and Plumbing Codes

The City acknowledged that the ordinance they submitted did not reference the electrical, mechanical, and plumbing codes. Although they felt that Act 230 did not require that the ordinance list all the codes, they indicated that they would amend the ordinance to reference all codes or adopt a separate ordinance for each code.

Finding No. 3: Construction Board of Appeals

The City stated they have not formally created a Board of Appeals because they have not yet been granted enforcement authority.

Finding No. 4: Fees

The City provided a revenue and expenditure breakdown, but did not provide an analysis of the cost of enforcing the codes.

Finding No. 5: Permit Forms

The City provided copies of proposed separate permit forms for each code.

Finding No. 6: Professional Service Agreement

The City provided a copy of a Resolution No. 2014-3058 documenting approval of an agreement with Associated Government Services, Inc. (AGS), to perform building inspection and related services, contingent on the Commission's approval of the City's application to administer and enforce.

Finding No. 7: Justification for Application

The City indicated they are involved in ongoing litigation with Haring Township, whose supervisor also serves as Wexford County's building official. The City stated this dual role creates inherent conflict when it comes to dealing with the City's building projects.

CONCLUSIONS OF LAW:

The City of Cadillac has demonstrated that it is "qualified by experience or training to administer and enforce this act and the code and all related acts and rules" as required by MCL 125.1508b (6). The Commission voted to issue a conditional approval to the City of Cadillac dependent on the City providing the bureau with the following verification criteria:

Finding No. 1: Access to the Referenced Standards

Although the City indicated they have current and consistent access to the referenced standards through the Ferris State University Library, they did not provide documentation from the university confirming this.

The City shall provide written verification to the bureau from Ferris State University that the university possesses current editions of the essential referenced standards contained within Chapter 35 of the Michigan Building Code, Chapter 44 of the Michigan Residential Code, Michigan Electrical Code, Chapter 15 of the Michigan Mechanical Code, and Chapter 13 of the Michigan Plumbing Code. The standards should be accessible and available for use by the city's inspectors, plan reviewers, and the public. The City shall provide a listing of the referenced standards in the possession of Ferris State University.

Finding No. 2: Ordinances for Building, Electrical, Mechanical, and Plumbing Codes

In order to clearly document that the City is enforcing all the codes, their ordinance should be revised to specifically list all codes.

The City shall provide a certified copy of a revised adopted ordinance that reflects the City's assumption of the responsibility for the administration and enforcement of the Michigan building, residential, rehabilitation, energy, electrical, mechanical, and plumbing codes.

Finding No. 3: Construction Board of Appeals

The City shall provide the bureau with the names and qualifications of the members of its Construction Board of Appeals.

Finding No. 4: Fees

MCL 125.1522 (1) requires that a “governmental subdivision shall establish reasonable fees . . . for acts and services performed by the enforcing agency . . . , which fees shall be intended to bear a reasonable relation to the cost . . . of the acts and services. . . .” The City must provide an explanation of how it developed their fees and an analysis of the costs to provide building, electrical, plumbing, and mechanical code enforcement services.

The City shall provide a detailed enforcing agency budget that reflects the City’s true cost of providing construction code enforcement services to the public, including an analysis and explanation of how their fees were developed.

Finding No. 5: Permit Forms

The City provided copies of separate permit forms for each code.

Finding No. 6: Professional Service Agreement

The copy of the agreement with Associated Government Services, Inc. is not signed.

The City shall provide a signed copy of the agreement with Associated Government Services, Inc.

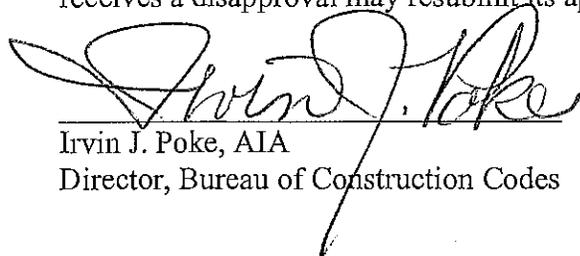
Finding No. 7: Justification for Application

Wexford County did not attend the meeting or provide written comment regarding the City’s application to administer and enforce.

DECISION:

It is the decision of the Construction Code Commission to approve the City of Cadillac’s Application to Administer and Enforce with the condition that the City provides documentation to the bureau that it is in compliance with the requirements noted above. **The City is advised that the date they will begin the administration and enforcement of the building, residential, rehabilitation, energy, electrical, mechanical, and plumbing codes will be set following the bureau’s receipt, review, and approval of the submissions required above for the conditional approval.**

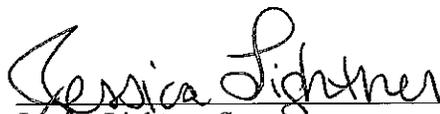
In accordance with Section 8b (6) of 1972 PA 230, MCL 125.1508b (6), a governmental subdivision that receives a disapproval may resubmit its application for approval.


Irvin J. Poke, AIA
Director, Bureau of Construction Codes

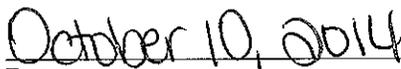

Date

PROOF OF SERVICE

I hereby state, to the best of my knowledge, information, and belief, that a copy of the foregoing document was served on this date upon all parties and/or attorneys of record in this matter by email to those parties employed by the State of Michigan and by first class mail to the remaining parties at their respective addresses as disclosed below.



Jessica Lightner, Secretary
Office of Administrative Services
Bureau of Construction Codes



Date

Carla J. Filkins, Mayor
City of Cadillac
200 Lake Street
Cadillac, MI 49601

Marcus Peccia, City Manager
City of Cadillac
200 Lake Street
Cadillac, MI 49601

Michael Homier, Attorney
Foster, Swift, Collins & Smith, P.C.
1700 E Beltline, NE, Suite 200
Grand Rapids, MI 49525

Robert Scarbrough, Building Official
Wexford County Building Department
401 North Lake St.
Cadillac, MI 49601

Elaine Richardson, County Clerk
Wexford County
437 E. Division St.
P.O. Box 490
Cadillac, MI 49601

Michael Somers, Local Government Specialist
Bureau of Construction Codes

Deborah Young, Director, OAS
Bureau of Construction Codes

Farmington Hills
32300 Northwestern Highway - Suite 230
Farmington Hills MI 48334

Holland
151 Central Avenue - Suite 260
Holland MI 49423

Walter S. Foster
1878-1961
Richard B. Foster
1908-1996
Theodore W. Swift
1928-2000
John L. Collins
1926-2001

Webb A. Smith
Allan J. Claypool
Gary J. McRay
Stephen I. Jurnu
Scott A. Storey
Charles A. Janssen
Charles E. Barbieri
James B. Jensen, Jr.
Scott L. Mandel
Michael D. Sanders

Brent A. Titus
Stephen J. Lowney
Jean G. Schtokal
Brian G. Goodenough
Matt G. Hrebec
Eric E. Doster
Melissa J. Jackson
Nancy L. Kahn
Deanna Swisher
Thomas R. Meagher
Douglas A. Mielock
Scott A. Chernich
Paul J. Millenbach
Dirk H. Beckwith
Brian J. Renaud
Bruce A. Vande Vusse
Lynwood P. VandenBosch
Lawrence Korolewicz
James B. Doezema

Anne M. Seurynek
Richard L. Hillman
Steven L. Owen
John P. Nicolucci
Michael D. Homier
Randall L. Harbour
David M. Lick
Scott H. Hogan
Richard C. Kraus
Benjamin J. Price
Ronald D. Richards, Jr.
Frank T. Mamat
Michael R. Blum
Norman E. Richards
Jonathan J. David
Frank H. Reynolds
Pamela C. Dausman
Andrew C. Vredenburg
John M. Kamins

Jack A. Siebers
Julie I. Fershtman
Todd W. Hoppe
Iris K. Linder
Jennifer B. Van Regenmorter
Thomas R. TerMaat
Sanuel J. Frederick
Frederick D. Dilley
John W. Inhulsen
Alexander A. Ayar
David R. Russell
Zachary W. Beiler
Joshua K. Richardson
Joel C. Farrar
Seth A. Drucker
Glen A. Schmiede
Michael G. Harrison
Joseph E. Kozely
Gilbert M. Frimet

Mark J. Colon
Peter R. Tolley
Paul D. Yared
Ryan E. Lamb
Kari W. Butterer, Jr.
Lisa J. Hamameh
Barbra E. Homier
Laura J. Genovick
Anna K. Gibson
Liza C. Moore
Nichole J. Derks
Patricia J. Scott
Lindsey E. Bosch
Nicholas M. Oertel
Nicole E. Stratton
Mindl M. Johnson
Lauren B. Dunn
Alicia W. Birach
Archana R. Rajendra

Ray H. Littleton, II
Kari L. Sherry
Joseph J. Viviano
John W. Mashni
John R. Taylor, II
Adam A. Fady

Of Counsel

David VanderHaagen
Erica E.L. Huddas

OFFICE OF
ADMINISTRATIVE SERVICES

Writer's Direct Phone: 616.726.2230

Fax: 517.367.7120

Reply To: Grand Rapids

E-Mail: MHomier@fosterswift.com

December 29, 2014

*Via Facsimile (517) 241-9570
and First Class Mail*

Irvin J. Poke, AIA
Director, Bureau of Construction Codes
2501 Woodlake Circle
Okemos, MI 48864

Dear Mr. Poke:

Re: Status Report Regarding City of Cadillac's Application to Administer and Enforce

You have requested an update concerning the City of Cadillac's conditionally approved application to administer and enforce the state construction, electrical, mechanical, and plumbing codes. While the City has been diligently pursuing the conditions for approval, it needs some additional time to fully implement the conditions. The City's response follows.

1. Access to the Essential Referenced Standards

The Construction Code Commission ("Commission") has directed that all enforcing agencies must have possession of, or immediate access to, certain "essential" standards that are referenced in the state construction, electrical, mechanical, and plumbing codes. We understand that the "essential" standards are identified on the Bureau of Construction Codes' ("Bureau") website. The estimated cost of acquiring all of the referenced standards exceeds \$100,000, and the estimated cost of acquiring the "essential" referenced standards is approximately \$30,000.

As noted in the Bureau's September 4, 2014 correspondence to enforcing agencies, "access" may be obtained through a university or professional society library, or municipalities may form a cooperative to fund and maintain a library of the essential referenced standards. The Bureau's Fall 2014 online newsletter

Irvin J. Poke, AIA
December 29, 2014
Page 2

also “encourages [agencies] to come up with other models that will provide the public and your inspectors and plan reviewers with practical access to the standards.”¹

Like most municipalities, the City does not possess the essential referenced standards. The City previously understood that Ferris State University could make the standards available, but on further investigation, the City has determined that Ferris does not have a complete library of all of the essential referenced standards. Equally important is the fact that the City has diligently pursued the essential referenced standards and has yet to find one “university or professional society library” that carries them. The City has inquired with Central Michigan University, Mecosta County, and Osceola County, among other municipalities, but they have all indicated that they do not have complete libraries of the essential referenced standards. As you are likely aware, Wexford County – which currently administers and enforces the codes for the City – does not possess the essential referenced standards, either. While some of the aforementioned may possess some of the referenced standards, no one entity has all of them.

Notwithstanding the above, the City has pursued the essential referenced standards and has been in recent contact with Leelanau County. The City understands that Leelanau County may have a complete library, and the City will pursue access to its library. The City may also pursue agreements with several enforcing agencies to obtain access to a complete library of the essential referenced standards even though each enforcing agency may not have a complete library itself. Consequently, the City estimates that the process of locating the essential referenced standards and negotiating an intergovernmental agreement will take between 60 and 90 days.

2. Construction Board of Appeals

The City will be introducing its Ordinance to Establish Construction Board of Appeals at its regular City Council meeting on January 20, 2015. A draft copy of the ordinance is attached. The City anticipates that the Ordinance will be approved at the following regular meeting on February 2, 2015. In anticipation of the adoption of the Ordinance, the City has prepared procedures for handling appeals. The City is also in the process of evaluating possible candidates for appointment to the Construction Board of Appeals. The City estimates that the appointment process (including adoption of the Ordinance and appointment of members) will be complete within 60 days.

3. Fees

The City is continuing to develop a detailed budget in accordance with the Bureau’s request. The City anticipates that the budget will be complete within 30 days.

¹ http://www.michigan.gov/documents/lara/lara_bcc_fall_14_474892_7.pdf

Irvin J. Poke, AIA
December 29, 2014
Page 3

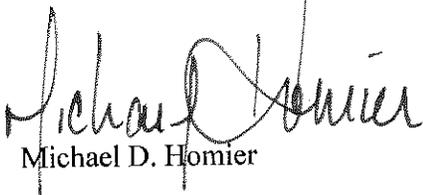
4. Signed Agreement with Associated Government Services, Inc.

The City has not yet signed the agreement with Associated Government Services, Inc. ("AGS") pending the satisfaction of the other conditions for approval established by the Bureau.

We trust that this status report meets with your approval. Should you have any further questions or concerns, please do not hesitate to contact me.

Sincerely,

FOSTER SWIFT COLLINS & SMITH PC



Michael D. Homier

MDH:LJG
Attachment

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City Council

200 North Lake Street
Cadillac, Michigan 49601
Phone (231) 775-0181
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Mayor
Carla Filkins

Mayor Pro-Tem
Art Stevens

Councilmembers
Douglas Mellema
Shari Spoelman
Tiyi Schippers

ORDINANCE NO. 2015-__

ORDINANCE TO ADOPT NEW SECTION 8-22 OF THE CADILLAC CITY CODE, "CONSTRUCTION BOARD OF APPEALS"

THE CITY OF CADILLAC ORDAINS:

Section 1.

The City hereby adopts new Section 8-22 of Chapter 8, Article II of the Cadillac City Code, which shall read as follows:

Sec. 8-22 – Construction Board of Appeals

- (a) Pursuant to Section 14 of the Stille-Derossett-Hale Single State Construction Code Act, Act 230 of 1972, MCL 125.1514 (the "Act"), the City hereby establishes a construction board of appeals.
- (b) The construction board of appeals shall consist of three members, who shall be appointed for two-year terms by the City Manager.
- (c) The construction board of appeals shall have the powers and responsibilities prescribed by the Act.
- (d) Additionally, as authorized by MCL 125.1514(2), the construction board of appeals may establish its own rules and procedures, provided that such rules and procedures shall not be inconsistent with the Act.

Section 2.

All ordinances inconsistent with this Ordinance are repealed to the extent necessary to give this Ordinance full force and effect.

Section 3.

This Ordinance shall take effect upon publication.

Approved this ____ day of _____, 2015.

Sandra Wasson, Clerk

Carla Filkins, Mayor

I, Sandra Wasson, City Clerk of the City of Cadillac, Michigan, do hereby certify that Ordinance No. 2015-_____ was published in the Cadillac News on the ____ day of _____, 2015.

Sandra Wasson, City Clerk