

APPLICATION FOR BUILDING PERMIT AND PLAN EXAMINATION

Crawford County Building and Safety

200 W Michigan Ave

Grayling, MI 49738

989.344.3233 989.348.1016 (Fax) www.palmstead@crawfordco.org

AUTHORITY: PA 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, s
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:

PROJECT NAME		ADDRESS	
CITY	TOWNSHIP	COUNTY	ZIP CODE
BETWEEN		AND	

II. IDENTIFICATION

A. OWNER OR LESSEE

NAME	ADDRESS	EMAIL
CITY	STATE	ZIP CODE
		TELEPHONE

B. ARCHITECT OR ENGINEER

NAME	ADDRESS	EMAIL
CITY	STATE	ZIP CODE
		TELEPHONE
LICENSE NUMBER	EXPIRATION DATE	

C. CONTRACTOR

NAME	ADDRESS	EMAIL
CITY	STATE	ZIP CODE
		TELEPHONE
BUILDERS LICENSE NUMBER	EXPIRATION DATE	

FEDERAL EMPLOYER ID NUMBER OR REASON FOR EXEMPTION

WORKERS COMP INSURANCE CARRIER OR REASON FOR EXEMPTION

MESC EMPLOYER NUMBER OR REASON FOR EXEMPTION

III TYPE OF IMPROVEMENT AND PLAN REVIEW

A. TYPE OF IMPROVEMENT

NEW BUILDING ALTERATION DEMOLITION FOUNDATION ONLY RELOCATION ADDITION REPAIR MOBILE HOME SET-UP

PRE-MANUFACTURE SPECIAL INSPECTION -- DESCRIBE _____

JOB DESCRIPTION _____

B. PERMITS REQUIRED

BUILDING ELECTRICAL MECHANICAL PLUMBING FOUNDATION

VI. SITE OR PLOT PLAN FOR APPLICANT USE

APPLICANT IS RESPONSIBLE FOR THE PAYMENT OF ALL FEES AND CHARGES APPLICABLE TO THIS APPLICATION AND MUST PROVIDE THE FOLLOWING INFORMATION

NAME	ADDRESS	EMAIL
CITY	STATE	ZIP
		TELEPHONE

I hereby 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 APPLICANT

X

PLAN REVIEW FEE ENCLOSED _____ BUILDING PERMIT FEE ENCLOSED _____

VII. LOCAL GOVERNMENT AGENCY TO COMPLETE THIS SECTION

ENVIRONMENTAL CONTROL APPROVALS

	REQUIRED?	APPROVED	DATE	NUMBER	BY
A- ZONING	<input type="checkbox"/> YES <input type="checkbox"/> NO				
B- FIRE DISTRICT	<input type="checkbox"/> YES <input type="checkbox"/> NO				
C- POLLUTION CONTROL	<input type="checkbox"/> YES <input type="checkbox"/> NO				
D- NOISE CONTROL	<input type="checkbox"/> YES <input type="checkbox"/> NO				
E- SOIL EROSION	<input type="checkbox"/> YES <input type="checkbox"/> NO				
F- FLOOD ZONE	<input type="checkbox"/> YES <input type="checkbox"/> NO				
G- WATER SUPPLY	<input type="checkbox"/> YES <input type="checkbox"/> NO				
H- SEPTIC SYSTEM	<input type="checkbox"/> YES <input type="checkbox"/> NO				
I- VARIANCE GRANTED	<input type="checkbox"/> YES <input type="checkbox"/> NO				
J- OTHER	<input type="checkbox"/> YES <input type="checkbox"/> NO				

VIII. VALIDATION FOR DEPARTMENT USE ONLY

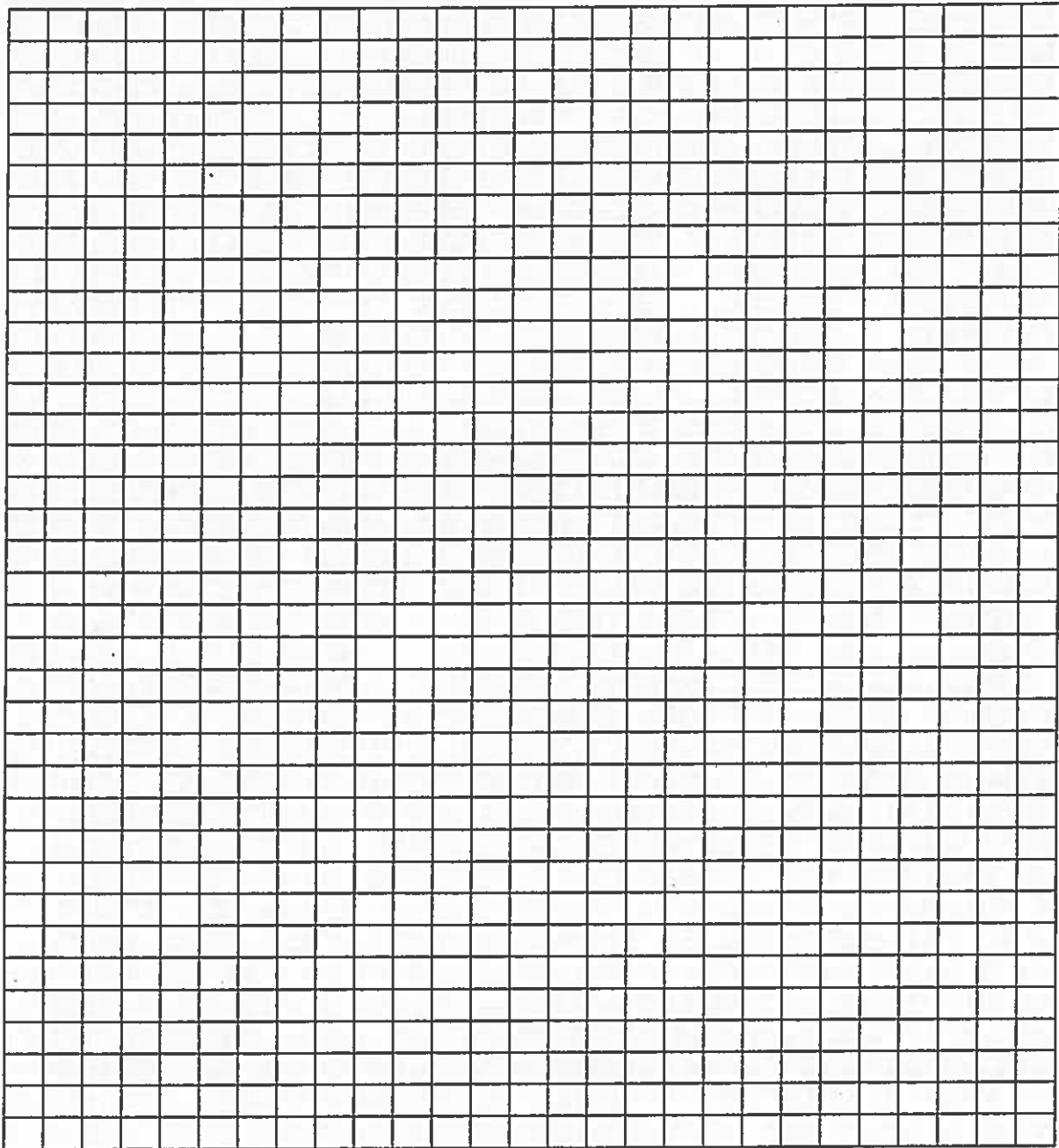
USE GROUP _____ BASE FEE _____
 TYPE OF CONSTRUCTION _____ NUMBER OF INSPECTIONS _____
 SQUARE FEET _____

X

APPROVAL SIGNATURE

TITLE _____ DATE _____

IX. SITE OR PLAN - FOR APPLICANT USE ONLY



DIRECTIONS TO SITE:

Important notice to homeowners, builders and contractors

The Grayling Township Building Department Inspector, in accordance with the Code of the State of Michigan and the Ordinance of the Township of Grayling, must inspect all building projects in the logical and sequential order in which they are listed below:

- 1. Footing Inspection:** After footings are informed & before concrete is poured. Basement requires footing inspection and basement wall inspection which is done after the blocks are laid and before backfilling.
- 2. Rough Inspection:** Before walls are enclosed or insulated. Rough inspections by mechanical, plumbing and electrical inspectors must be complete and documented. Engineered truss certificates must be supplied prior to rough inspection.
- 3. Insulation Inspection:** Before walls are enclosed, install measurement card for insulation value, on paper exposed on insulation to any open areas.
- 4. Final Inspection:** When construction is complete and before building is occupied. Final inspections by mechanical, plumbing and electrical inspectors must be complete and documented.

A Certificate of Occupancy must be issued before building is occupied.

The permit holder has the responsibility to ensure that inspections are made when required and should inform any contractors involved of the inspection requirements.

The Grayling Township Building Inspector will make every effort to inspect your project in a timely manner. However, if it is not possible to inspect upon your immediate request and within your immediate time schedule, it does not mean that you may continue building.

To continue building beyond an inspection level, prior to that inspection, will cause a STOPWORK order to be placed on your building project until that inspection can be properly performed.

I have been informed of the above State Inspection Policy.

Permit Holder's Signature

Date

1. **BUILDING**
- a. Size _____
 - b. Perimeter _____
 - c. Square footage
(1st story) _____
(2nd story) _____

2. **FOUNDATION**
- a. Basement: Size _____
No. of blocks high _____
 - b. Crawl space: Size _____
No. of blocks high _____
 - c. Footings _____
 - d. Exposed foundation _____
 - e. Rerod or wire _____
 - f. Center pier footings _____
 - g. Anchor bolts _____
 - h. Wall insulation _____
 - i. Windows _____

3. **FLOOR SUPPORT**
- a. Sill Plate _____
 - b. unsupported length _____
 - c. Joist _____
 - d. Center piers _____
 - e. Center support _____
 - f. Insulation _____
 - g. Other _____

4. **FLOOR**
- a. Basement _____
 - b. Sub-floor _____
 - c. Underlayment _____
 - d. Finish floor _____

5. **FRAMING**
- a. Blocks _____
 - b. Studs _____
 - c. Plates (single bottom, double top) _____
 - d. Wind bracing _____
 - e. Sheathing _____

6. **ROOF**
- a. Type _____
 - b. Ceiling: Cathedral _____
Non Cathedral _____
 - c. Rafters _____
 - d. Joists _____
 - e. Insulation _____
 - f. Ceiling finish _____
 - g. Sheathing _____
 - h. Shingles _____

7. **WINDOWS**
- a. Type _____
 - b. Glass _____
 - c. Quantity with size:

d. Headers (to code) _____
 - e. Bedroom fire egress: One window each
bedroom shall have a sill height not more than
44" above the floor, and have a minimum clear
opening height of 24" and a width of 20"

8. **EXTERIOR DOORS**
- a. No. _____
 - b. Type _____
 - c. Size _____
 - d. Headers (to code) _____

9. **SEPTIC PERMIT** _____ copy attached

10. **DRIVEWAY PERMIT** _____ copy attached

11. **SAFETY DEVICES** Smoke detectors are required
in all three of the following locations:
- [1] Immediate vicinity of bedrooms
 - [2] Each bedroom
 - [3] Each story

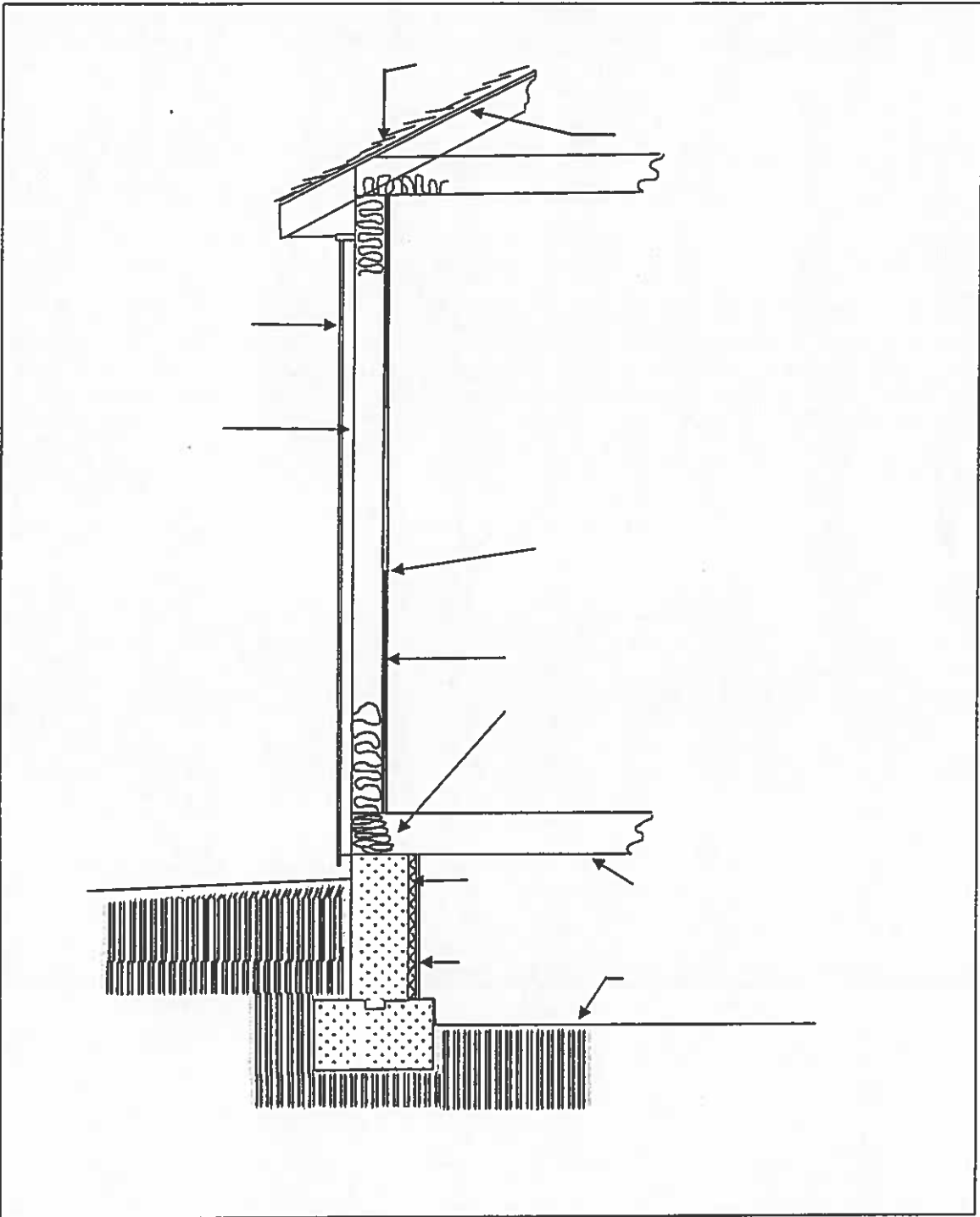
All detectors must have an AC primary power source and
be wired in a series.

12. **PLUMBING & MECHANICAL**
Requires state permits and inspections

BUILDING CONSTRUCTION STANDARDS
GRAYLING TOWNSHIP

Inspections:

1. **Open footing inspection (before concrete is poured)**
 2. **Foundation Inspection (basement only before backfilling)**
 3. **Rough framing inspection (after other trades have been rough inspected before insulation is installed)**
 4. **Insulation Inspection before walls are enclosed, install measurement card for insulation value, on paper exposed on insulation to any open areas.**
 5. **Final building inspection, after all other trades have completed their final inspections.**
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1. **Footings:** (chapter 4, 2000 MRC) All load bearing walls shall be supported on continuous concrete footings. Footings shall be a minimum of 6" thick and 2" wider than the masonry wall thickness. Footings shall be placed on undisturbed natural soil. The bottom of the footings must be a minimum of 24" below the finished grade.
 2. **Foundation walls:** (chapter 4, 2000 MRC) Foundation walls must be a minimum of 6" thick
 3. **Foundation walls:** (chapter 4, 2000 MRC) Foundation walls must be cored and roded every 48". And must be inspected prior to backfilling.
 4. **Foundation Anchorage:** (chapter 4, 2000 MRC) To resist wind uplift, sill plates shall be anchored at each side of every corner, and the rest of the foundation at intervals of not more than 6' with approved anchor bolts or strap.
 5. **Sill plates:** (chapter 3, 2000 MRC) All sill plates that come in contact with concrete or are within 8" of earth must be decay resistant.
 6. **Lumber:** (chapter 5, 2000 MRC) All lumber used in a load bearing capacity shall have an approved grade stamp or certificate of inspection.
 7. **Plates:** Plates must be the same size as the studs, single bottom and double top plate. When the bottom plate comes in contact with concrete it must be decay resistant.
 8. **Trusses:** Truss certification is required on all engineered trusses. Trusses shall be designed to meet a 50lb snow load and a 10lb live load.
 9. **Roof sheathing:** 7/16 sheathing is allowed when used with clips, 1/2 sheathing is allowed without clips.
 10. **Roofing:** (chapter 9, 2000 MRC) Felt paper is required on all roof slopes. Water and ice shield is required on all habitable structures and shall extend from the roof edge to a point at least 24" inside the exterior wall of the building. Shingles shall be installed per the manufacturer specifications.
 11. **Ventilation:** (chapter 8, 2000 MRC) All ventilation shall be in accordance with section R806.



12. **Smoke Alarms:** (chapter 3, 2000 MRC) Smoke alarms shall be located in the following areas. In each bedroom, in the immediate vicinity of bedrooms and on each story within a dwelling including the basement, but not a crawl space or attic.
13. **Bracing:** Wind bracing is required on all buildings either diagonal bracing or solid sheathing at each corner of the building.
14. **Other Permits:** A permit is required for most electrical, plumbing and mechanical work. Check with our office before you do any of the above to avoid any future problems.
15. **Span Tables:**

Floor joist (chapter 5, 2000 MRC) call if you have any questions.

Headers (table R502.5(1))

Ceiling joist (chapter 8, 2000 MRC)

Rafters (chapter 8, 2000 MRC)

Please call our office for your specific question on any of the above.