

**WMBI**

**Wisconsin Municipal Building Inspections**  
500 N Water Street ~ Platteville, WI 53818  
Office: 608/348-3627 / Cell: 608/642-0463  
Email: [permits@wmbi.us](mailto:permits@wmbi.us)  
Website: [wmbi.us](http://wmbi.us)

**ALL items listed below must be submitted before approval process may begin!**

The Project Application Online Submittal: ([https://esla.wi.gov/apex/customer\\_portal\\_intro\\_page](https://esla.wi.gov/apex/customer_portal_intro_page))

Send the following items required by SPS 320.10 Wisconsin Legislation to [permits@wmbi.us](mailto:permits@wmbi.us)

1. **Building Plans** - 2 Complete Copies (1 copy may be sent as a **pdf file**, but at least 1 copy must be full scale hardcopy)
  - \* Plans MUST be to scale or have all dimensions clearly visible.
  - \* Plans MUST include a plan view for each level (including basement and/or foundation) and all elevation views.
  - \* Plans MUST include Cross-Section Diagram (attached diagram or equivalent diagram with building plans)
  - \* Plans MUST include Wall Bracing Plan (attached worksheet or equivalent information on building plans)
  - \* Plans MUST include Deck Framing Plan (if applicable) (attached worksheet or equivalent on building plans)
  - \* **Note:** If BOTH copies are not received, the approval process may be delayed.
2. **Site plan with erosion control** - See in attached packet
3. **Sanitary/Zoning** (Provide 1 copy of each) if applicable
  - \* *If sanitary and zoning permit is not acquired at the time of permit submittal, permits will not be issued until sanitary and/or zoning permit from the county has been issued and a copy has been received by our office.*
4. **REScheck** heat loss calc's – *will only accept 4.6.2 or newer or see attached energy compliance sheet.*
5. **Wall cut section detail** - See attached packet
6. **Braced wall design worksheet** - See attached packet

**Construction work, including excavation, may not begin prior to permit issuance.**

- \* *When submitting, all applicable contractor information must be entered in with the correct license numbers and phone numbers.*
- \* *Failure to submit all needed information may result in the following: approval delays, extra fees being applied and/or permit application sent back for more information.*
- \* *Please remember to allow adequate processing time before you wish to begin project.*
- \* *Permits may take up to 10 business days (from when ALL items are received) to process.*

If you should need to begin work sooner, please inquire about an Early Start Permit.

*If you have any questions, please visit our website [wmbi.us](http://wmbi.us) for help or contact us.*

- **Michael Reuter, WMBI**

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**\* ALL INFORMATION MUST BE FILLED IN COMPLETELY. INCOMPLETE INFORMATION MAY RESULT IN THE FOLLOWING: APPROVAL DELAYS, EXTRA FEES BEING APPLIED OR PERMIT APPLICATION SENT BACK FOR MORE INFORMATION.**

Dept of Safety & Professional Services Industry Services Division Wisconsin Stats. 101.63, 101.73		<b>Wisconsin Uniform Building Permit Application</b>				Application No. _____  Parcel No. _____																						
<b>PERMIT REQUESTED</b>		<input type="checkbox"/> Constr. <input type="checkbox"/> HVAC <input type="checkbox"/> Electric <input type="checkbox"/> Plumbing <input type="checkbox"/> Erosion Control <input type="checkbox"/> Other: _____																										
Owner's Name _____		Mailing Address _____				Tel. _____																						
Contractor Name & Type _____		Lic/Cert# _____	Exp Date _____	Mailing Address _____		Telephone & Email _____																						
Dwelling Contractor (Constr.) _____		_____	_____	_____		_____																						
Dwelling Contr. Qualifier (The Dwelling Contr. Qualifier shall be an owner, CEO, COB or employee of the Dwelling Contr.) _____		_____	_____	_____		_____																						
HVAC _____		_____	_____	_____		_____																						
Electrical Contractor _____		_____	_____	_____		_____																						
Electrical Master Electrician _____		_____	_____	_____		_____																						
Plumbing _____		_____	_____	_____		_____																						
<b>PROJECT LOCATION</b>		Lot area _____ Sq.ft. <input type="checkbox"/> One acre or more of soil will be disturbed		<input type="checkbox"/> Town <input type="checkbox"/> Village <input type="checkbox"/> City of _____		_____ 1/4, _____ 1/4, of Section _____, T _____ N, R _____ E/W																						
Building Address _____		County _____		Subdivision Name _____		Lot No. _____	Block No. _____																					
Zoning District(s) _____		Zoning Permit No. _____		<b>Setbacks:</b> Front _____ ft.   Rear _____ ft.   Left _____ ft.   Right _____ ft.																								
<b>1. PROJECT</b> <input type="checkbox"/> New <input type="checkbox"/> Repair <input type="checkbox"/> Alteration <input type="checkbox"/> Raze <input type="checkbox"/> Addition <input type="checkbox"/> Move <input type="checkbox"/> Other: _____		<b>3. OCCUPANCY</b> <input type="checkbox"/> Single Family <input type="checkbox"/> Two Family <input type="checkbox"/> Garage <input type="checkbox"/> Other: _____		<b>6. ELECTRIC</b> Entrance Panel Amps: _____ <input type="checkbox"/> Underground <input type="checkbox"/> Overhead		<b>9. HVAC EQUIP.</b> <input type="checkbox"/> Furnace <input type="checkbox"/> Radiant Basebd <input type="checkbox"/> Heat Pump <input type="checkbox"/> Boiler <input type="checkbox"/> Central AC <input type="checkbox"/> Fireplace <input type="checkbox"/> Other: _____																						
<b>2. AREA INVOLVED (sq ft)</b>		<b>4. CONST. TYPE</b> <input type="checkbox"/> Site-Built <input type="checkbox"/> Mfd. per WI UDC <input type="checkbox"/> Mfd. per US HUD		<b>7. WALLS</b> <input type="checkbox"/> Wood Frame <input type="checkbox"/> Steel <input type="checkbox"/> ICF <input type="checkbox"/> Timber/Pole <input type="checkbox"/> Other: _____		<b>12. ENERGY SOURCE</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Fuel</th> <th>Nat Gas</th> <th>LP</th> <th>Oil</th> <th>Elec</th> <th>Solid</th> <th>Solar Geo</th> </tr> <tr> <td>Space Htg</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Water Htg</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>		Fuel	Nat Gas	LP	Oil	Elec	Solid	Solar Geo	Space Htg	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Water Htg	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Unfin. Bsmt																												
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Deck/ Porch																												
Totals																												
				<b>11. WATER</b> <input type="checkbox"/> Municipal <input type="checkbox"/> On-Site Well		<b>13. HEAT LOSS</b> _____ BTU/HR Total Calculated Envelope and Infiltration Losses (available from "Total Building Heating Load" on Rescheck report)																						
						<b>14. EST. BUILDING COST w/o LAND</b> \$ _____																						
I understand that I: am subject to all applicable codes, laws, statutes and ordinances, including those described on the reverse side of the last ply of this form; am subject to any conditions of this permit; understand that the issuance of this permit creates no legal liability, express or implied, on the state or municipality; and certify that all the above information is accurate. If one acre or more of soil will be disturbed, I understand that this project is subject to ch. NR 151 regarding additional erosion control and stormwater management and the owner shall sign the statement on the back of the permit if not signing below. I expressly grant the building inspector, or the inspector's authorized agent, permission to enter the premises for which this permit is sought at all reasonable hours and for any proper purpose to inspect the work which is being done. <input type="checkbox"/> I vouch that I am or will be an owner occupant of this dwelling for which I am applying for an erosion control or construction permit without a Dwelling Contractor Certification and have read the cautionary statement regarding contractor responsibility on the second page of this form.																												
<b>APPLICANT (Print:)</b> _____				<b>Sign:</b> _____		<b>DATE</b> _____																						

NOTE:

With proper detailing of building dimensions, material types, spans, sizes, spacing,  $F_b$ , properties, etc., and strikeouts of non-applicable details, this cross section would provide an acceptable plan drawing. With the local inspection authority's permission, this drawing may be detailed by a designer and submitted as part of a plan package for plan review. ( $F_b$  - Fiber bending stress of selected lumber. Alternatively, grade and species information may be noted.)

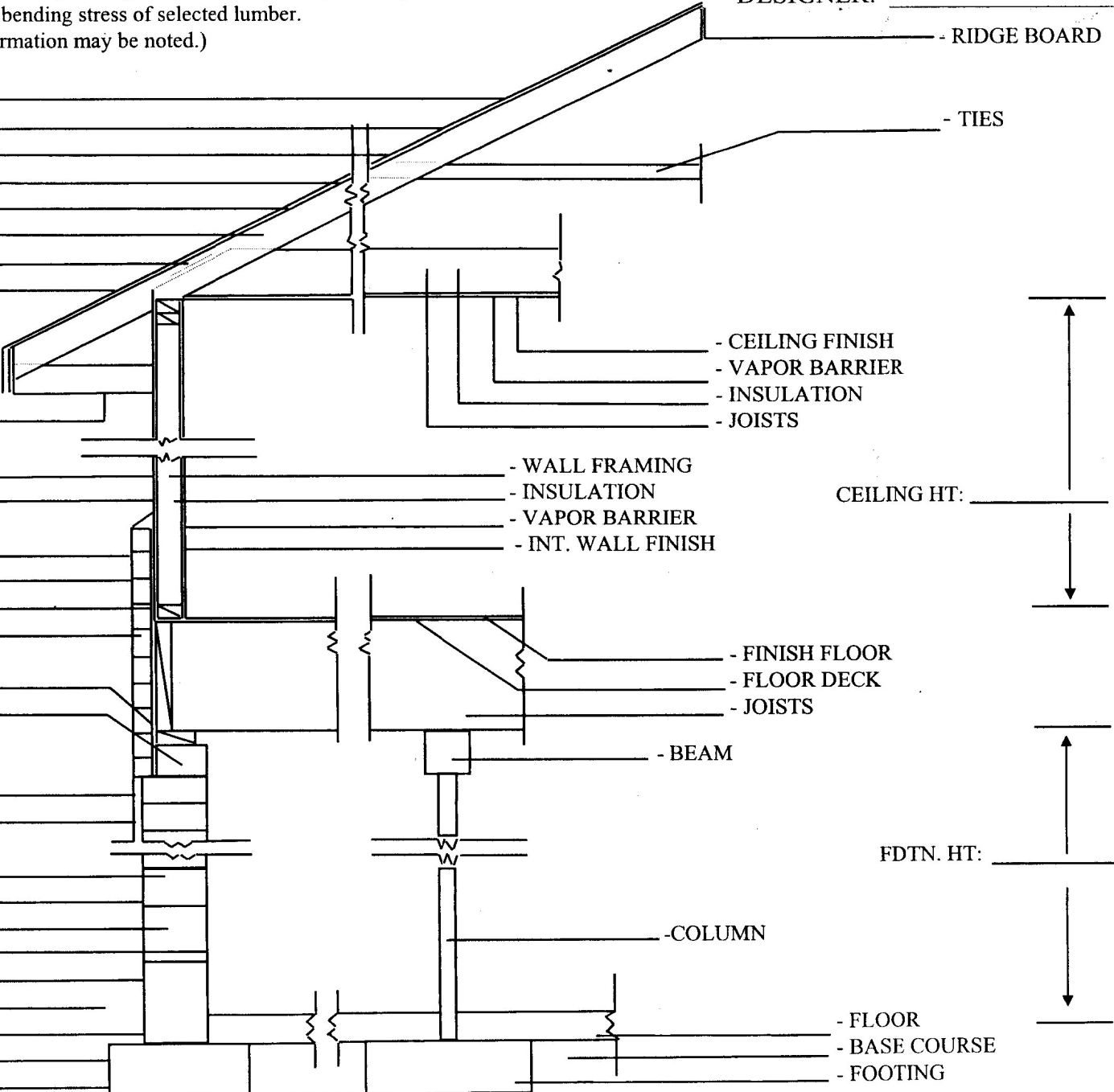
OWNER: \_\_\_\_\_  
PROJ. LOC: \_\_\_\_\_  
DATE: \_\_\_\_\_  
DESIGNER: \_\_\_\_\_

VENTING: \_\_\_\_\_  
ROOF SLOPE: \_\_\_\_\_  
ROOFING: \_\_\_\_\_  
UNDERLAYMENT: \_\_\_\_\_  
DECKING: \_\_\_\_\_  
RAFTERS/TRUSSES: \_\_\_\_\_  
AIR CHUTES: \_\_\_\_\_  
EAVE PROT: \_\_\_\_\_

VENTING: \_\_\_\_\_  
EXT. COVERING: \_\_\_\_\_  
EXT. SHEATHING: \_\_\_\_\_  
MAS. VENEER: \_\_\_\_\_  
AIR SPACE: \_\_\_\_\_  
ANCHORAGE: \_\_\_\_\_  
FELT/FLASHING: \_\_\_\_\_

SILL PLATE: \_\_\_\_\_  
TOP COURSE: \_\_\_\_\_  
GRADE: \_\_\_\_\_  
FDTN. INSUL: \_\_\_\_\_  
INSUL. PROT: \_\_\_\_\_

FDTN. TYPE: \_\_\_\_\_  
FDTN. THICKNESS : \_\_\_\_\_  
REINFORCEMENT: \_\_\_\_\_  
PILASTERS: \_\_\_\_\_  
DAMPROOFING: \_\_\_\_\_  
BACKFILL: \_\_\_\_\_  
DRAIN TILES: \_\_\_\_\_  
BLEEDERS: \_\_\_\_\_  
FOOTING: \_\_\_\_\_



## Wall Bracing Compliance Worksheet

Complete this worksheet or provide equivalent information on the plans submitted with the permit application.

Sketch and dimension the building plan and the wall bracing rectangle(s) per 321.25(8)(c)1. and Figure 321.25-B. Provide and label additional sketches if the building plan/rectangles change at different floor levels.

Indicate applicable Wall Bracing Method for each level (see Table 321.25-G), each labeled rectangle if more than one [see 321.25(8)(c)], and amount of bracing (# of braced panels or length of braced wall required) per the respective table (provide additional worksheets for additional rectangles as needed):

Rectangle:	Wall Ht. =	Eave to Ridge Ht. =	Max. Opening Ht. =	Wind Exp. =		
Walls Supporting:	Intermittent method (LIB, DWB, WSP, SFB, GB, PCP) and # of panels per Table 321.25-I Min. panel width (Table 321.25-G) =		Continuous method (CS-WSP, CS-SFB) and total length required per Table 321.25-J Min. panel width (Table 321.25-H) =		PF Method (see Figure 321.25-A). Indicate number of PF panels 16-24" wide provided. Min. PF width (Fig. 321.25-A) =	
	Long side	Short side	Long side	Short side	Long side	Short side
Roof and ceiling only						
One floor, roof and ceiling						
Two floors, roof and ceiling						

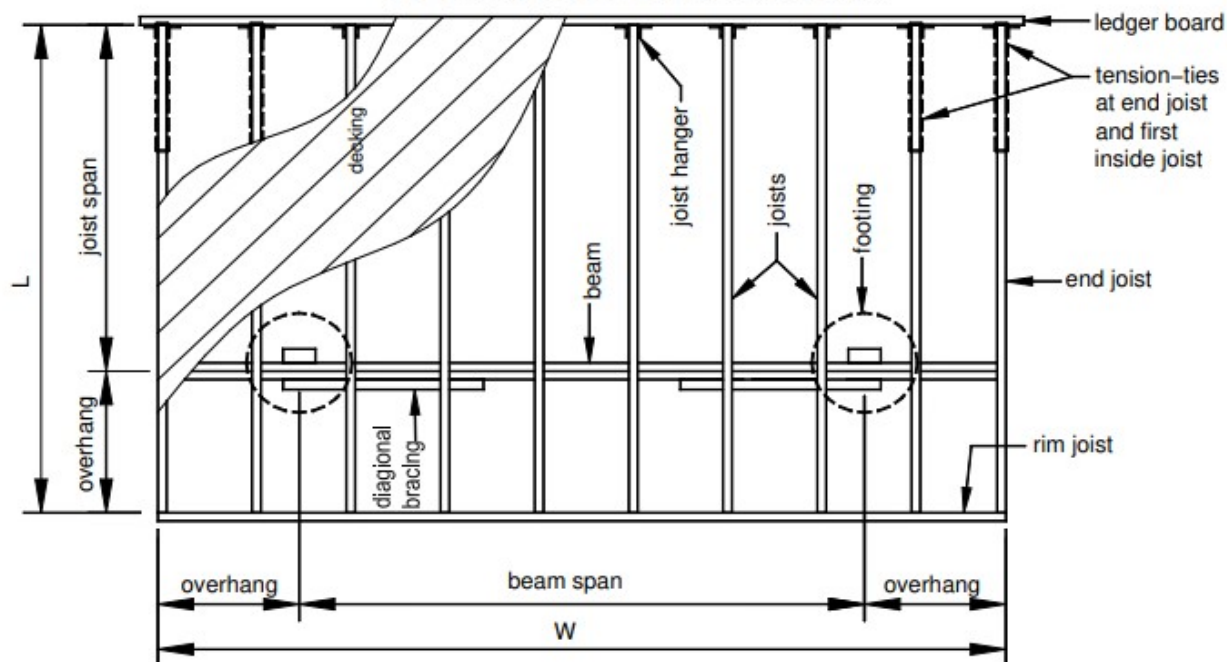
Rectangle:	Wall Ht. =	Eave to Ridge Ht. =	Max. Opening Ht. =	Wind Exp. =		
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	Long side	Short side	Long side	Short Side	Long side	Short side
Roof and ceiling only						
One floor, roof and ceiling						
Two floors, roof and ceiling						

**PF Method:** For Intermittent bracing, per Table 321.25-I footnote 'h', each PF panel (16-24" wide per Figure 321.25-A) counts as ½ of a braced wall panel when determining compliance with Table 321.25-I. For Continuously Sheathed bracing, the actual length of each PF panel (16-24" wide per Figure 321.25-A) in feet counts toward the required total length of bracing required. For intermittent or continuous methods, each PF panel meeting min. required width of Fig. 321.25-A counts as a braced wall panel when evaluating panel spacing per Fig. 321.25-C.

**Indicate the location and construction details of required braced wall panels determined above on each rectangle side as required by Figure 321.25-C on the floor plans submitted with the permit application.**



## TYPICAL DECK FRAMING PLAN



**Decking:**    ☐ 2x4    ☐ 2x6    ☐ five-quarter board    ☐ wood-plastic composite (per ASTM D 7032)  
                   ☐ Other decking, evaluation report number: \_\_\_\_\_

**Joists:**    size:    ☐ 2x6    ☐ 2x8    ☐ 2x10    ☐ 2x12    spacing:    ☐ 12 in.    ☐ 16 in.    ☐ 24 in.  
                   joist span dimension:    \_\_\_\_\_ ft. – \_\_\_\_\_ in.  
                   overhang:    ☐ Yes    ☐ No    overhang dimension:    \_\_\_\_\_ ft. – \_\_\_\_\_ in.  
                   rim joist:    ☐ 2x6    ☐ 2x8    ☐ 2x10    ☐ 2x12

**Beam(s):**    number of plies:    ☐ 2    ☐ 3    size:    ☐ 2x6    ☐ 2x8    ☐ 2x10    ☐ 2x12  
                   overhang:    ☐ Yes    ☐ No    overhang dimension:    \_\_\_\_\_ ft. – \_\_\_\_\_ in.

**Posts:**    size:    ☐ 4x4    ☐ 4x6    ☐ 6x6    height:    \_\_\_\_\_ ft. – \_\_\_\_\_ in.

**Footings:**    size: \_\_\_\_\_ in.    ☐ square    ☐ round    thickness: \_\_\_\_\_ in.

**Ledger:**    ledger board size:    ☐ 2x8    ☐ 2x10    ☐ 2x12    ☐ Not applicable (free-standing deck)  
                   fastener:    ☐ Through bolt    ☐ Lag screw    ☐ Wood screw  
                                   ☐ Expansion anchor    ☐ Adhesive anchor

**Lateral support:**    ☐ Tension-tie    ☐ Diagonal bracing, size:    ☐ 2x  
                                   (not permitted for free-standing deck)

**Deck size:**    L= \_\_\_\_\_ ft. – \_\_\_\_\_ in.    W= \_\_\_\_\_ ft. – \_\_\_\_\_ in.

# Standard Erosion Control Plan

## for 1- & 2-Family Dwelling Construction Sites

According to Chapters Comm 20 & 21 of the Wisconsin Uniform Dwelling Code, soil erosion control information needs to be included on the plot plan which is submitted and approved prior to the issuance of building permits for 1- & 2-family dwelling units in those jurisdictions where the soil erosion control provisions of the Uniform Dwelling Code are enforced. This Standard Erosion Control Plan is provided to assist in meeting this requirement.

### Instructions:

1. Complete this plan by filling in requested information, completing the site diagram and marking appropriate boxes on the inside of this form.
2. In completing the site diagram, give consideration to potential erosion that may occur before, during, and after grading. Water runoff patterns can change significantly as a site is reshaped.
3. Submit this plan at the time of building permit application.

PROJECT LOCATION \_\_\_\_\_

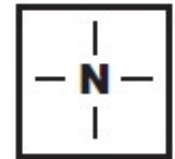
BUILDER \_\_\_\_\_ OWNER \_\_\_\_\_

WORKSHEET COMPLETED BY \_\_\_\_\_ DATE \_\_\_\_\_

### SITE DIAGRAM

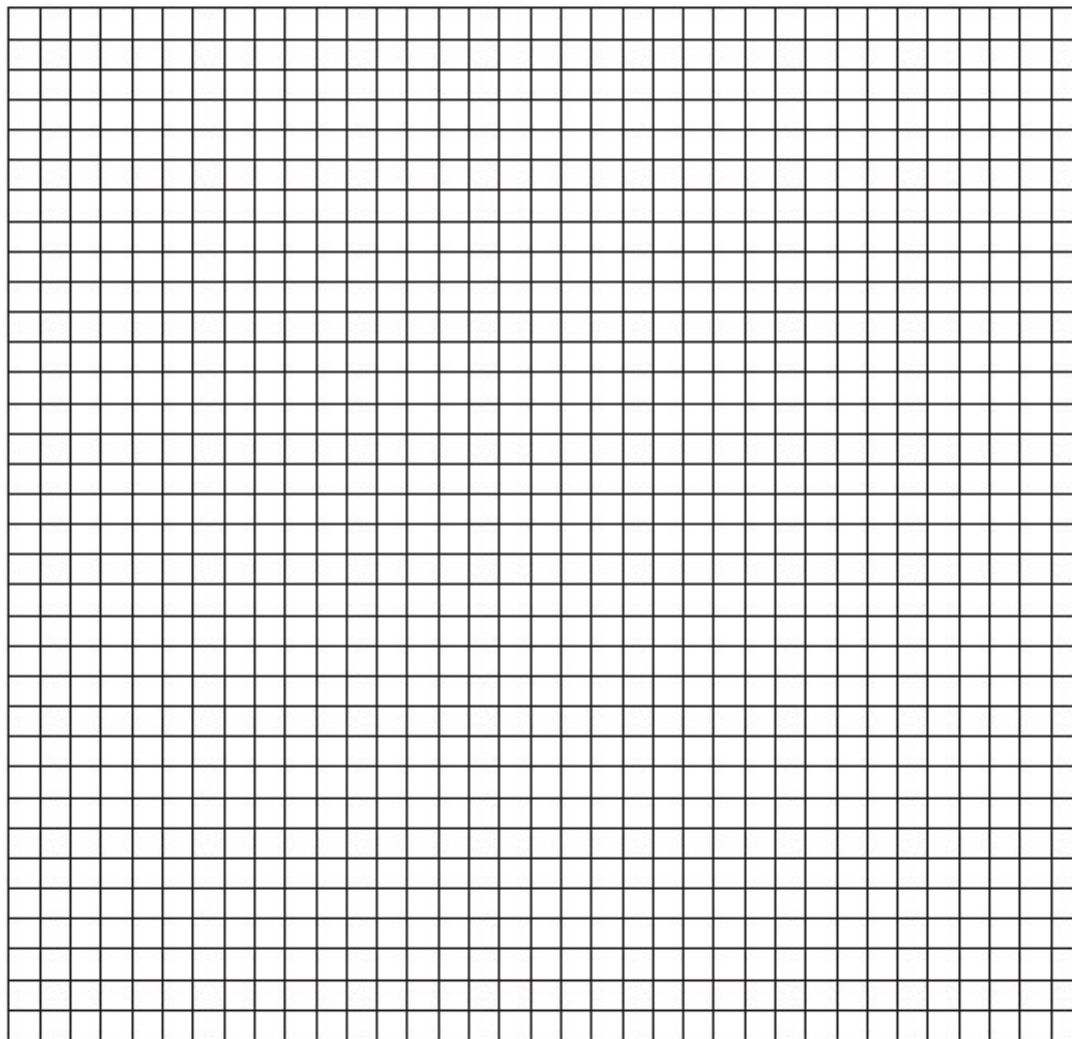
Scale: 1 inch = \_\_\_\_ feet

Please indicate north  
by completing the arrow.



### EROSION CONTROL PLAN LEGEND

- PROPERTY LINE
- EXISTING DRAINAGE
- TD TEMPORARY DIVERSION
- FINISHED DRAINAGE
- LIMITS OF GRADING
- ■ ■ SILT FENCE
- ● ● STRAW BALES
- GRAVEL
- VEGETATION SPECIFICATION
- TREE PRESERVATION
- STOCKPILED SOIL



# Wiring Inspection Compliance Report

1 and 2 family Dwelling/Accessory Structures (not for Ag or Commercial Use)

☐ Alliant ☐ Scenic Rivers ☐ Richland Electric Coop (REC) ☐ Other

State of Wisconsin, County of: \_\_\_\_\_  
Customer's Name: \_\_\_\_\_  
Owner's Name (if different): \_\_\_\_\_  
Service Address: \_\_\_\_\_  
City/Town/Village of: \_\_\_\_\_  
Permit # (if applicable): \_\_\_\_\_  
Electrical Company: \_\_\_\_\_  
Electrician's Name: \_\_\_\_\_  
Electrician's Phone #: \_\_\_\_\_

Cell # \_\_\_\_\_

## Type of Service

☐ Residential ☐ Temporary Service ☐ Overhead Service  
☐ Accessory ☐ Permanent Service ☐ Underground Service  
☐ Free Standing Pedestal ☐ Rewire/Upgrade

Phases: \_\_\_\_\_ Amps: \_\_\_\_\_ Volts: \_\_\_\_\_

Remarks: \_\_\_\_\_

### For Proof of Compliance:

EC Electrical Contractor #: \_\_\_\_\_ EXP: \_\_\_\_\_ Request Date: \_\_\_\_\_  
ME Electrician's License #: \_\_\_\_\_ EXP: \_\_\_\_\_

**For UDC Inspections:** Office Use Only: (Uniform Dwelling Code (UDC) Inspection is a requirement for new construction of 1 and 2 family dwellings.)

Electrical Inspector's Name: \_\_\_\_\_  
UDC Certified Inspection #: \_\_\_\_\_ Date of Approval: \_\_\_\_\_  
Electrical Inspector's Signature: \_\_\_\_\_

\*\*\*Before electricity may be furnished, this certificate must be completed and returned to WMBI (Michael Reuter)\*\*\*

# 2016 Wisconsin/2009 IECC Energy Efficiency Certificate

(Post on or immediately adjacent to electrical distribution panel per SPS 322.20(6))

## Insulation Rating

Ceiling/roof  
Wall  
Floor/Foundation  
Ductwork (unconditioned spaces)  
Beneath Heated Slab  
Perimeter of Heated Slab

## R-Value

R-49  
R-20  
R-10  
R-8  
R-10  
R-10

## Glass & Door Rating

Window  
Skylight  
Door

## U-Factor

Name \_\_\_\_\_ Date \_\_\_\_\_

Comments \_\_\_\_\_

These Efficiency and Compliance Certificates may be used in lieu of the REScheck Certificates

# 2016 Wisconsin/2009 IECC UDC Compliance Certificate

(Submit with building plans)

Owner/Agent \_\_\_\_\_ Location \_\_\_\_\_

## Heating Appliance Type & Efficiency

## Insulation Zone (SPS 322.31(1)(b))

Building Component	Code Min. Insulation Value (Table 322.31-1)		Code Min. Insulation Value For Lower Efficiency Appliances <sup>1</sup> (Table 322.31-3)		Enter Actual Insulation Value & if <u>Cavity</u> or <u>Continuous</u>
	Zone 1	Zone 2	Zone 1	Zone 2	
<b>Fenestration (U-Value)</b>					
Window	0.35	0.35	0.30	0.30	.29
Door	0.35	0.35	0.30	0.30	.19
Skylight (U-Value)	0.60	0.60	0.60	0.60	—
<b>Ceiling</b>					
Energy Heel	R-38	R-38	R-38	R-38	R-49
Flat	R-49	R-49	R-49	R-49	R-49
Wood Framed Wall	R-20 or R-13 cav + R-5 cont	R-21 cav	R-21 cav or R-19 cav + R-5 cont	R-21 cav or R-19 cav + R-5 cont	R-20
Mass Wall	R-15/19	R-19/21	R-19	R-19	—
Floor	R-30	R-38	R-30	R-30	R-10
Basement	R-15 cav or R-19 cont	R-15 cav or R-19 cont	R-15 cav/ R-19 cont	R-15 cav or R-20 cont	N/A
Crawl Space	R-10 cav or R-13 cont	R-10 cav or R-13 cont	R-15 cav/ R-19 cont	R-15 cav or R-20 cont	N/A
Heated Slab	R-10 / R-15	R-10 / R-15	R-10 / R-20	R-10 / R-20	R-10
Unheated Slab	R-10	R-10	R-15	R-15	N/A

1. Includes less than 90% efficient natural gas and propane furnaces and hot water boilers, less than 83% efficient oil-fired furnaces and less than 84% oil-fired hot water heater boilers. (See Table 322.31-3)