

CITY OF WAUSAU



ONE- AND TWO-FAMILY DWELLING CONSTRUCTION SUBMITTAL REQUIREMENTS AND PROCEDURES FOR OBTAINING PERMITS

In accordance with the State of Wisconsin Uniform Dwelling Code and the City of Wausau Municipal Code, the following plans and material are required to obtain a building permit for the construction of a one- or two-family dwelling within the City of Wausau:

- WISCONSIN UNIFORM BUILDING PERMIT APPLICATION:** (Attached is a form for your utilization.) This form must be filled out *completely* up to the “approval conditions” area.
- ONE (1) SET OF CONSTRUCTION PLANS:** Drawings must be legible and drawn to scale with all dimensions included, and shall include the following:
 - ◆ Floor plans shall be provided for each floor, and shall show the size and locations of:
 - Rooms;
 - Doors;
 - Windows;
 - Room use;
 - Structural features—size, species, and grade of lumber or other structural material for joists, beams, rafters, trusses, headers, studs, and columns; strength, thickness, and reinforcement (if any) of concrete for footings, foundations, floors, and any other concrete work; height and thickness of concrete and/or masonry construction;
 - Exit passageways (hallways) and stairs (including hall and stair widths); and
 - Fire separation between dwelling and garage.
 - ◆ Elevation drawings which show all four sides of the structure, including:
 - Information on exterior appearance; and
 - Indicating the location, size, and configuration of doors, windows, roof, chimneys, and exterior grade level.
 - ◆ Cross-sectional drawing which shows:
 - Exterior grade level;
 - Footing and foundation wall sizes, drain tile system, and types of materials;
 - Exterior wall construction identifying materials used (including insulation and vapor barrier);
 - Roof construction identifying materials used and spans (including insulation and vapor barrier); and
 - Floor construction identifying materials used and spans (including insulation, if used).
 - ◆ Wall Bracing: Include on the plans *where and how* walls will be braced (and their height) in accordance with SPS 321.25.
 - ◆ An electronic copy of the full set of plans should be sent to: inspections@ci.wausau.wi.us.

PLOT PLAN:

The plot plan shall indicate the lot size, and show the location of the dwelling and any other buildings, decks, etc. on the site, including the dimensions/distances to all property lines.

 ZONING CERTIFICATE:

Please complete as much of the attached certificate as possible, and make sure to sign and date it.

 EROSION CONTROL PLAN: (A form is attached for your utilization.)

Complete the site diagram and plan checklist, including site characteristics, control practices, and management strategies.

Tracking Pad or 'Tire Wash Station' is required at all points of egress 3"-6" diameter rock 12" thick for 50', or the length of the driveway. WDNR 1057

Silt Fencing shall be installed when required and maintained weekly and within 24 hours after every precipitation event. Sediment needs to be removed once the deposits reach half the height of the fence. WDNR 1056

 BUILDING/DRIVEWAY GRADE FORM: (This form is attached for your utilization.)

Upon application for a building permit, the City Engineering Department will set the street grades at the property line. These grades should be utilized in determining the elevation of the proposed garage floor and gradient of driveway. If you wish to know what the grades are prior to application for the permit, you should contact the Engineering Department at 715.261.6740.

 SIDEWALK GRADE FORM: (This form is attached for your utilization.)

This form must be completed and our office will forward it to the Engineering Department. If you have any questions regarding this form, please contact Engineering at 715.261.6740.

 ENERGY (OR HEAT LOSS) CALCULATIONS: **DECK PERMIT APPLICATION:** (This form is attached for your utilization.) **STORMWATER MANAGEMENT REGULATIONS:**

Your proposed building project may be subject to the City's stormwater management regulations *if you disturb an acre or more of land*. If you have any questions regarding the stormwater management regulations or its applicability, contact the Engineering Department at 715.261.6740.

 INSULATION AND VAPOR RETARDER CERTIFICATION:

The form should be filled out and provided at the construction site on or by the electrical distribution panel.

The above plans and material should be submitted to the City of Wausau Division of Inspection, Zoning and Electrical Systems for review—first for compliance with City of Wausau Zoning Ordinances, and secondly for compliance with the State of Wisconsin Uniform Dwelling Code. The Division of Inspection, Zoning and Electrical Systems is located on the second floor of City Hall, 407 Grant Street, Wausau, Wisconsin 54403–4783. Inspectors are usually available between the hours of 8:00–9:00 a.m. and 12:30–1:30 p.m. to review the

plans and material, and to issue the building permit. Plan review may take up to one week, so please plan accordingly. Once the permit is issued, the set of plans will be returned to the applicant.

PLEASE NOTE: All building contractors must be certified by the State of Wisconsin (meaning they meet the State's minimum requirements for worker's compensation, unemployment compensation, and liability insurance or bonding) to obtain building permits, and their license number is required on the Wisconsin Uniform Building Permit Application form. ***Effective January 1, 2008, a Dwelling Contractor Qualifier credential is also required.*** If an owner wishes to build their own house, then a cautionary statement (advising the owner of their potential legal liability) will need to be signed by them prior to obtaining a permit.

Additionally, the above plans and material satisfy the requirements for obtaining a building permit. However, separate HVAC, electrical and plumbing permits must be obtained for the dwelling. All plumbing work must be performed by a State of Wisconsin licensed master plumber, the electrical work must be performed by a State of Wisconsin licensed electrical contractor/master electrician and the HVAC by a State of Wisconsin licensed HVAC contractor. In addition, a deck permit must be obtained, if applicable.

Should you have any questions regarding any of the above information or procedures for obtaining a permit, please feel free in contacting the Division of Inspection, Zoning and Electrical Systems at 715.261.6780.

Dept of Safety & Professional Services Industry Services Division Wisconsin Stats. 101.63, 101.73	<h2 style="margin: 0;">Wisconsin Uniform Building Permit Application</h2> <p style="margin: 0;">Instructions on back of second ply. The information you provide may be used by other government agency programs [(Privacy Law, s. 15.04 (1)(m))]</p>	Application No. Parcel No.
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PERMIT REQUESTED Constr. HVAC Electric Plumbing Erosion Control Other:

Owner's Name	Mailing Address	Telephone & Email
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		

PROJECT LOCATION Lot area _____ Sq.ft. One acre or more of soil will be disturbed Town Village 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. _____

Setbacks: Front _____ ft. Rear _____ ft. Left _____ ft. Right _____ ft.

1. PROJECT <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:	3. OCCUPANCY <input type="checkbox"/> Single Family <input type="checkbox"/> Two Family <input type="checkbox"/> Garage <input type="checkbox"/> Other:	6. ELECTRIC Entrance Panel Amps: _____ <input type="checkbox"/> Underground <input type="checkbox"/> Overhead 7. WALLS <input type="checkbox"/> Wood Frame <input type="checkbox"/> Steel <input type="checkbox"/> ICF <input type="checkbox"/> Timber/Pole <input type="checkbox"/> Other:	9. HVAC EQUIP. <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:	12. ENERGY SOURCE <table style="width:100%; border-collapse: collapse;"> <tr> <td style="border: none;">Fuel</td> <td style="border: none;">Nat Gas</td> <td style="border: none;">LP</td> <td style="border: none;">Oil</td> <td style="border: none;">Elec</td> <td style="border: none;">Solid</td> <td style="border: none;">Solar Geo</td> </tr> <tr> <td style="border: none;">Space Htg</td> <td style="border: none;"><input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Water Htg</td> <td style="border: none;"><input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/></td> <td style="border: none;"><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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2. AREA INVOLVED (sq ft) <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="border: none;"></th> <th style="border: none;">Unit 1</th> <th style="border: none;">Unit 2</th> <th style="border: none;">Total</th> </tr> </thead> <tbody> <tr> <td style="border: none;">Unfin.</td> <td style="border: none;"></td> <td style="border: none;"></td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">Bsmt</td> <td style="border: none;"></td> <td style="border: none;"></td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">Living Area</td> <td style="border: none;"></td> <td style="border: none;"></td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">Garage</td> <td style="border: none;"></td> <td style="border: none;"></td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">Deck/Porch</td> <td style="border: none;"></td> <td style="border: none;"></td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">Totals</td> <td style="border: none;"></td> <td style="border: none;"></td> <td style="border: none;"></td> </tr> </tbody> </table>		Unit 1	Unit 2	Total	Unfin.				Bsmt				Living Area				Garage				Deck/Porch				Totals				4. CONST. TYPE <input type="checkbox"/> Site-Built <input type="checkbox"/> Mfd. per WI UDC <input type="checkbox"/> Mfd. per US HUD 5. STORIES <input type="checkbox"/> 1-Story <input type="checkbox"/> 2-Story <input type="checkbox"/> Other: <input type="checkbox"/> Basement	8. USE <input type="checkbox"/> Seasonal <input type="checkbox"/> Permanent <input type="checkbox"/> Other:	10. SEWER <input type="checkbox"/> Municipal <input type="checkbox"/> Sanitary Permit# _____ 11. WATER <input type="checkbox"/> Municipal <input type="checkbox"/> On-Site Well	13. HEAT LOSS _____ BTU/HR Total Calculated Envelope and Infiltration Losses (available from "Total Building Heating Load" on Rescheck report)	14. EST. BUILDING COST w/o LAND \$ _____
	Unit 1	Unit 2	Total																														
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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.

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.

APPLICANT (Print:) _____ **Sign:** _____ **DATE** _____

APPROVAL CONDITIONS This permit is issued pursuant to the following conditions. Failure to comply may result in suspension or revocation of this permit or other penalty. See attached for conditions of approval.

ISSUING JURISDICTION	<input type="checkbox"/> Town of _____ <input type="checkbox"/> Village of _____ <input type="checkbox"/> City of _____	<input type="checkbox"/> County of _____ <input type="checkbox"/> State _____	State-Contracted Inspection Agency#: _____	Municipality Number of Dwelling Location _____
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FEES:	PERMIT(S) ISSUED	WIS PERMIT SEAL #	PERMIT ISSUED BY:
Plan Review \$ _____	<input type="checkbox"/> Construction		Name _____
Inspection \$ _____	<input type="checkbox"/> HVAC		Date _____ Tel. _____
Wis. Permit Seal \$ _____	<input type="checkbox"/> Electrical		Cert No. _____
Other \$ _____	<input type="checkbox"/> Plumbing		Email: _____
Total \$ _____	<input type="checkbox"/> Erosion Control		

INSTRUCTIONS

The owner, builder or agents shall complete the application form down through the Signature of Applicant block and submit it and building plans and specifications to the enforcing jurisdiction, which is usually your municipality or county. Permit application data is used for statewide statistical gathering on new one- and two-family dwellings, as well as for local code administration. **Please type or use ink and press firmly with multi-ply form.**

PERMIT REQUESTED

- Check off type of Permit Requested, such as structural, HVAC, Electrical or Plumbing.
- Fill in owner's current Mailing Address and Telephone Number.
- If the project will disturb one acre or more of soil, the project is subject to the additional erosion control and stormwater provisions of ch. NR 151 of the WI Administrative Code. Checking this box will satisfy the related notification requirements of ch. NR 216.
- Fill in Contractor and Contractor Qualifier Information. Per s. 101.654 (1) WI Stats., an individual taking out an erosion control or construction permit shall enter his or her dwelling contractor certificate number, and name and certificate number of the dwelling contractor qualifier employed by the contractor, unless they reside or will reside in the dwelling. Per s. 101.63 (7) Wis. Stats., the master plumber name and license number must be entered before issuing a plumbing permit.

PROJECT LOCATION

- Fill in Building Address (number and street or sufficient information so that the building inspector can locate the site).
- Local zoning, land use and flood plain requirements must be satisfied before a building permit can be issued. County approval may be necessary.
- Fill in Zoning District, lot area and required building setbacks.

PROJECT DATA - Fill in all numbered project data blocks (1-14) with the required information. All data blocks must be filled in, including the following:

2. Area (involved in project):
 - Basements - include unfinished area only
 - Living area - include any finished area including finished areas in basements
 - Two-family dwellings - include separate and total combined areas
3. Occupancy - Check only "Single-Family" or "Two-Family" if that is what is being worked on. In other words, do not check either of these two blocks if only a new detached garage is being built, even if it serves a one or two family dwelling. Instead, check "Garage" and number of stalls. If the project is a community based residential facility serving 3 to 8 residents, it is considered a single-family dwelling.
9. HVAC Equipment - Check only the major source of heat, plus central air conditioning if present. Only check "Radiant Baseboard" if there is no central source of heat.
10. Sewage - Indicate if the dwelling will be served by municipal sewer or privately owned treatment system. If a private system is used, include the Sanitary Permit number. Note: A building permit cannot be issued for a new dwelling that utilizes a privately owned wastewater treatment system until a sanitary permit has been issued. This applies to any new or existing private onsite wastewater treatment system that will be used by the dwelling.
13. Heat Loss – Provide heat loss summation data (BTUs/HR) derived from the ResCheck report or the "Heating System Sizing Summary Calculator" available on the Division's website: <http://dsps.wi.gov/Programs/Industry-Services/Industry-Services-Programs/One-and-Two-Family-UDC>.
14. Estimated Cost - Include the total cost of construction, including materials and market rate labor, but not the cost of land or landscaping.

SIGNATURE – The owner or the contractor's authorized agent shall sign and date this application form. If you do not possess the Dwelling Contractor certification, then you will need to check the owner-occupancy statement for any erosion control or construction permits.

CONDITIONS OF APPROVAL - The authority having jurisdiction uses this section to state any conditions that must be complied with pursuant to issuing the building permit.

ISSUING JURISDICTION: This must be completed by the authority having jurisdiction.

- Check off Jurisdiction Status, such as town, village, city, county or state and fill in Municipality Name
- Fill in State Inspection Agency number only if working under state inspection jurisdiction.
- Fill in Municipality Number of Dwelling Location
- Check off type of Permit Issued, such as construction, HVAC, electrical or plumbing.
- Fill in Wisconsin Uniform Permit Seal Number, if project is a new one- or two-family dwelling.
- Fill in Name and Inspector Certification Number of person reviewing building plans and date building permit issued.

(Part of Ply 4 for Applicants)

Cautionary Statement to Owners Obtaining Building Permits

101.65(lr) of the Wisconsin Statutes requires municipalities that enforce the Uniform Dwelling Code to provide an owner who applies for a building permit with a statement advising the owner that:

If the owner hires a contractor to perform work under the building permit and the contractor is not bonded or insured as required under s. 101.654 (2) (a), the following consequences might occur:

(a) The owner may be held liable for any bodily injury to or death of others or for any damage to the property of others that arises out of the work performed under the building permit or that is caused by any negligence by the contractor that occurs in connection with the work performed under the building permit.

(b) The owner may not be able to collect from the contractor damages for any loss sustained by the owner because of a violation by the contractor of the one- and two- family dwelling code or an ordinance enacted under sub. (1) (a), because of any bodily injury to or death of others or damage to the property of others that arises out of the work performed under the building permit or because of any bodily injury to or death of others or damage to the property of others that is caused by any negligence by the contractor that occurs in connection with the work performed under the building permit.

Cautionary Statement to Contractors for Projects Involving Building Built Before 1978

If this project is in a dwelling or child-occupied facility, built before 1978, and disturbs 6 sq. ft. or more of paint per room, 20 sq. ft. or more of exterior paint, or involves windows, then the requirements of ch. DHS 163 requiring Lead-Safe Renovation Training and Certification apply. Call (608)261-6876 or go to the Wisconsin Department of Health Services' lead homepage for details of how to be in compliance.

Wetlands Notice to Permit Applicants

You are responsible for complying with state and federal laws concerning the construction near or on wetlands, lakes, and streams. Wetlands that are not associated with open water can be difficult to identify. Failure to comply may result in removal or modification of construction that violates the law or other penalties or costs. For more information, visit the Department of Natural Resources wetlands identification web page or contact a Department of Natural Resources service center.

Additional Responsibilities for Owners of Projects Disturbing One or More Acre of Soil

I understand that this project is subject to ch. NR 151 regarding additional erosion control and stormwater management standards, and will comply with those standards.

Owner's Signature: _____ Date: _____



CITY OF WAUSAU LAND USE APPLICATION

Department of Inspection and Zoning
407 Grant Street, Wausau, Wisconsin 54403
(715) 261-6780 / fax (715) 261-4102

The purpose of this application is to enable the applicant to present all pertinent information with reference to a proposed use of land or structures and to determine if the proposals comply with the zoning regulations of the City of Wausau.

Property Address _____ PIN _____

Legal Description of Property _____

Applicant _____ Phone No. _____

Applicant's Address _____ Email _____

Reason for Land Use:

- New Construction Expansion Remodel
- Single-Family Residence
- Two-Family Residence
- Multi-Family Residence No. of Units _____
- Business Establishment _____
- Number of Employees: _____
- Other Use _____

Existing Buildings or Use of Property: _____

Provide the following documents:

- Site Plan (building location, parking layout, refuse and recycling area, loading dock).
- Landscaping Plan (location of plantings, types, etc).

General Zoning Information:

Zoning District _____ Front Yard _____

Lot Area _____ Rear Yard _____

Lot Width _____ Interior Side Yard _____

Total Floor Area (in sq ft) _____ Corner Side Yard _____

Floor Area Ratio _____ Transitional Yard _____

Height of Structure (Stories) _____

Property Has:

Wetlands Yes No

Flood Plain Yes No

*Note: Wetlands and/or Floodplain must be staked on site prior to development

Parking Information:

Spaces Provided _____

Length of Drive _____

Width of Drive _____

Pavement:

Type _____

Base _____

Thickness _____

Street and Building Grade Information:

Existing Right-of-Way Width _____ Proposed Right-of-Way Width _____

Existing Curb: Yes No Existing Sidewalk: Yes No Building Grade Permit No. _____

Loading Dock Information: _____

- I, as owner or authorized agent, hereby certify that the statements in this certificate are true to the best of my knowledge and belief.
- I, as owner or authorized agent, take full responsibility for the location of all property lines, easements, public or private, and agree to build in conformance with the City of Wausau Zoning Ordinances.
- I have located and flagged all property lines, floodplains and wetlands.
- I agree that work will not be started on this project until a building permit has been issued by the Building Inspector.

Floodplain Notice to Permit Applicants: Wausau Municipal Code (WMC) Chapter 23.02.91 (Floodplain Overlay Zoning District) provides regulations for land located in the floodplain district. WMC section 23.02.91(7)(a)(2) requires a site development plan prior to issuance of a zoning permit for a property that is regulated by the floodplain district. After completion of your project, a Certificate of Compliance shall be issued. You, as the property owner or authorized agent, shall submit a certification signed by a registered professional engineer or registered land surveyor that the fill, lowest floor, and flood proofing elevations are in compliance with the permit issued.

Wetlands Notice to Permit Applicants: You are responsible for complying with State and Federal laws concerning the construction near or on wetlands, lakes, and streams. Wetlands that are not associated with open water can be difficult to identify. Failure to comply may result in removal or modification of construction that violates the law or other penalties or costs. For more information, visit the Department of Natural Resources wetlands identification web page or contact a Department of Natural Resources service center.

_____ Date _____

Owner Authorized Agent

Standard Erosion Control Plan for 1 & 2 Family Dwelling Construction Sites

According to Chapters ILHR 20 & 21 of the Wisconsin Uniform Dwelling Code, a soil erosion control plan needs to be 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.

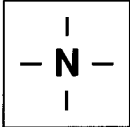
Site Diagram

Scale: 1 inch = _____ feet

EROSION CONTROL PLAN LEGEND

- — — — — PROPERTY LINE
- — — — — EXISTING DRAINAGE
- — — — — TD TEMPORARY DIVERSION
- — — — — FINISHED DRAINAGE
- — — — — LIMITS OF GRADING
- — — — — SILT FENCE
- — — — — STRAW BALES
- ▣ GRAVEL
- ① VEGETATION SPECIFICATION
- ▣ TREE PRESERVATION
- ⊙ STOCKPILED SOIL

Please indicate north by completing the arrow below.



PROJECT LOCATION _____

BUILDER _____ OWNER _____

WORKSHEET COMPLETED BY _____ DATE _____

EROSION CONTROL PLAN CHECKLIST

Completed
Not Applicable

Check (✓) appropriate boxes below, and complete the site diagram with necessary information.

Site Characteristics

- North arrow, scale, and site boundary. Indicate and name adjacent streets or roadways.
- Location of existing drainageways, streams, rivers, lakes, wetlands or wells.
- Location of storm sewer inlets.
- Location of existing and proposed buildings and paved areas.
- The disturbed area on the lot.
- Approximate gradient and direction of slopes before grading operations.
- Approximate gradient and direction of slopes after final grading operations.
- Overland runoff (sheet flow) coming onto the site from adjacent areas.

Erosion Control Practices

- Location of temporary soil storage piles.
Note: Soil storage piles should be placed behind a sediment fence, a 10 foot wide vegetative strip, or should be covered with a tarp or more than 25 feet from any downslope road or drainageway.
- Location of gravel access drive(s).
Note: Gravel drive should have 2 to 3 inch aggregate stone laid at least 7 feet wide and 6 inches thick. Drives should extend from the roadway 50 feet or to the house foundation (whichever is less).
- Location of sediment controls (filter fabric fence, straw bale fence or 10-foot wide vegetative strips) that will prevent eroded soil from leaving the site.
- Location of sediment barriers around on-site storm sewer inlets.
- Location of diversions.
Note: Although not specifically required by code, it is recommended that concentrated flow (drainageways) be diverted (re-directed) around disturbed areas. Overland runoff (sheet flow) from adjacent areas greater than 10,000 sq. ft. should also be diverted around disturbed areas.
- Location of practices that will be applied to control erosion on steep slopes (greater than 12% grade).
Note: Such practices include maintaining existing vegetation, placement of additional sediment fences, diversions, and re-vegetation by sodding or by seeding with use of erosion control mats.
- Location of practices that will control erosion in areas of concentrated runoff flow.
Note: Unstabilized drainageways, ditches, diversions, and inlets should be protected from erosion through use of such practices as in-channel fabric or straw bale barriers, erosion control mats, staked sod, and rock rip-rap. When used, a given in-channel barrier should not receive drainage from more than two acres of unpaved area, or one acre of paved area. In-channel practices should not be installed in perennial streams (streams with year-round flow.)
- Location of other planned practices not already noted.

Planned
Not Planned

Indicate management strategy by checking (✓) the appropriate box:

Management Strategies

- Temporary stabilization of disturbed areas.

Note: It is recommended that disturbed areas and soil piles left inactive for extended periods of time be stabilized by seeding (between April 1st and September 15th), or by other cover, such as tarping or mulching.

- Permanent stabilization of site by re-vegetation or other means as soon as possible (lawn establishment).

Indicate re-vegetation method: Seed Sod Other _____

Expected date of permanent re-vegetation: _____

Re-vegetation responsibility of: Builder Owner/Buyer

Is temporary seeding or mulching planned if site is not seeded by Sept. 15 or sodded by Nov. 15? Yes No

- Use of downspout and/or sump pump outlet extensions.

Note: It is recommended that flow from downspouts and sump pump outlets be routed through plastic drainage pipe to stable areas such as established sod or pavement.

- Trapping sediment during dewatering operations.

Note: Sediment-laden discharge water from pumping operations should be ponded behind a sediment barrier until most of the sediment settles out.

- Proper disposal of building material waste so that pollutants and debris are not carried off-site by wind or water.

- Maintenance of erosion control practices.

- Sediment will be removed from behind sediment fences and barriers before it reaches a depth that is equal to half the barrier's height.
- Breaks and gaps in sediment fences and barriers will be repaired immediately. Decomposing straw bales will be replaced (typical bale life is three months).
- All sediment that moves off-site due to construction activity will be cleaned up before the end of the same workday.
- All sediment that moves off-site due to storm events will be cleaned up before the end of the next workday.
- Gravel access drives will be maintained throughout construction.
- All installed erosion control practices will be maintained until the disturbed areas they protect are stabilized.

For more assistance on plan preparation, refer to Chapters ILHR 20 & 21 of the Wisconsin Uniform Dwelling Code, the DNR *Wisconsin Construction Site Best Management Handbook*, and UW-Extension publication *Erosion Control for Home Builders*.

The Wisconsin Uniform Dwelling Code and the *Wisconsin Construction Site Best Management Handbook* are available through State of Wisconsin Document Sales, 608/266-3558.

Erosion Control for Home Builders (GWQ001) can be ordered through Cooperative Extension Publications, 608/262-3346 or the Department of Industry, Labor and Human Relations, 608/267-9360.

EROSION CONTROL REGULATIONS

UNIFORM DWELLING CODE (DILHR)

PROJECTS AFFECTED

- All new 1 and 2 family dwellings in Wisconsin started on or after December 1, 1992.
- Additions to dwellings built after June 1, 1980.

APPLICATION PROCESS

- Erosion control plan must be submitted with building permit application to the local building inspector in communities where the dwelling code is enforced
- Erosion control plan must show:
 - Location of the dwelling, other buildings, wells, surface waters and disposal systems on the site with respect to property lines
 - Direction of all slopes on the site
 - Location and type of erosion control measures

CONTROLS REQUIRED

- Silt fences or straw bales along downslope sides and side slopes
- Gravel access drive
- Straw bales, filter fabric fences or other barriers to protect on-site sewer inlets
- Additional controls if needed for steep slopes or other special conditions

STORMWATER PERMIT (DNR)

PROJECTS AFFECTED

- Any construction project that disturbs 5 acres or more
- Smaller sites that are part of a planned development involving 5 acres or more of land disturbance
- Effective October 1, 1992 for any new or continuing project
- Exceptions: Indian tribal lands and work done by local government staff

APPLICATION PROCESS

- File a "notice of intent" application (Form #3400-161) with the Department of Natural Resources (DNR) 30 days before construction begins
- Application must include:
 - Timetable for land disturbing activities and installation of erosion control measures including project start and completion dates

LOCAL ORDINANCES

Check with your county, and city, village or town for any local erosion control ordinances including shoreland zoning requirements. Except for new 1 & 2 family dwellings, local ordinances may be more strict than state regulations. They may also require erosion control on construction projects not affected by state or federal regulations.

MAINTENANCE AND WASTE DISPOSAL

- Sediment controls must be maintained until the site is stabilized by mulching and seeding, sodding or landscaping
- All building waste must be properly disposed to prevent pollutants and debris from being carried off-site

ENFORCEMENT

- Erosion control inspections will be made during other regular inspections (footing and foundation, rough construction, final, etc.)
- Violations must be corrected within 72 hours
- Stop work orders may be issued for noncompliance

FOR MORE INFORMATION, CONTACT

- Local building inspector
- Department of Industry, Labor and Human Relations (DILHR), Safety and Buildings Division, P.O. Box 7969, Madison, Wisconsin 53707, (608) 267-5113.

—Proposed erosion and storm water pollution control practices during and after construction

—Documentation that an erosion control and storm water management plan which meets DNR standards has been prepared (plan does not need to be submitted with the application)

—Other information related to site location and permit holder

CONTROLS REQUIRED

- Erosion control measures specified in the Wisconsin Construction Site Best Management Practice Handbook
- Measures to control storm water after construction

FOR MORE INFORMATION, CONTACT

- Department of Natural Resources, Storm Water Permits, P.O. 7921, Madison, WI 53707-7921, (608) 266-7078

A publication of the University of Wisconsin—Extension, in cooperation with the Wisconsin Department of Natural Resources and Department of Industry, Labor & Human Relations, Ron Struss, UWEX Water Quality Specialist, Western Area, and Carolyn D. Johnson, UWEX Water Quality Specialist, Southeast Area.

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GWQ001A Standard Erosion Control Plan for 1 & 2 Family Dwelling Construction Sites I-06-93-15M-10-S

GRADE STAKE MARKINGS

DATE _____

ADDRESS _____

(FACING HOUSE FROM STREET)
LEFT STAKE RIGHT STAKE

C. - _____ FT. C. - _____ FT.

F. - _____ FT. F. - _____ FT.

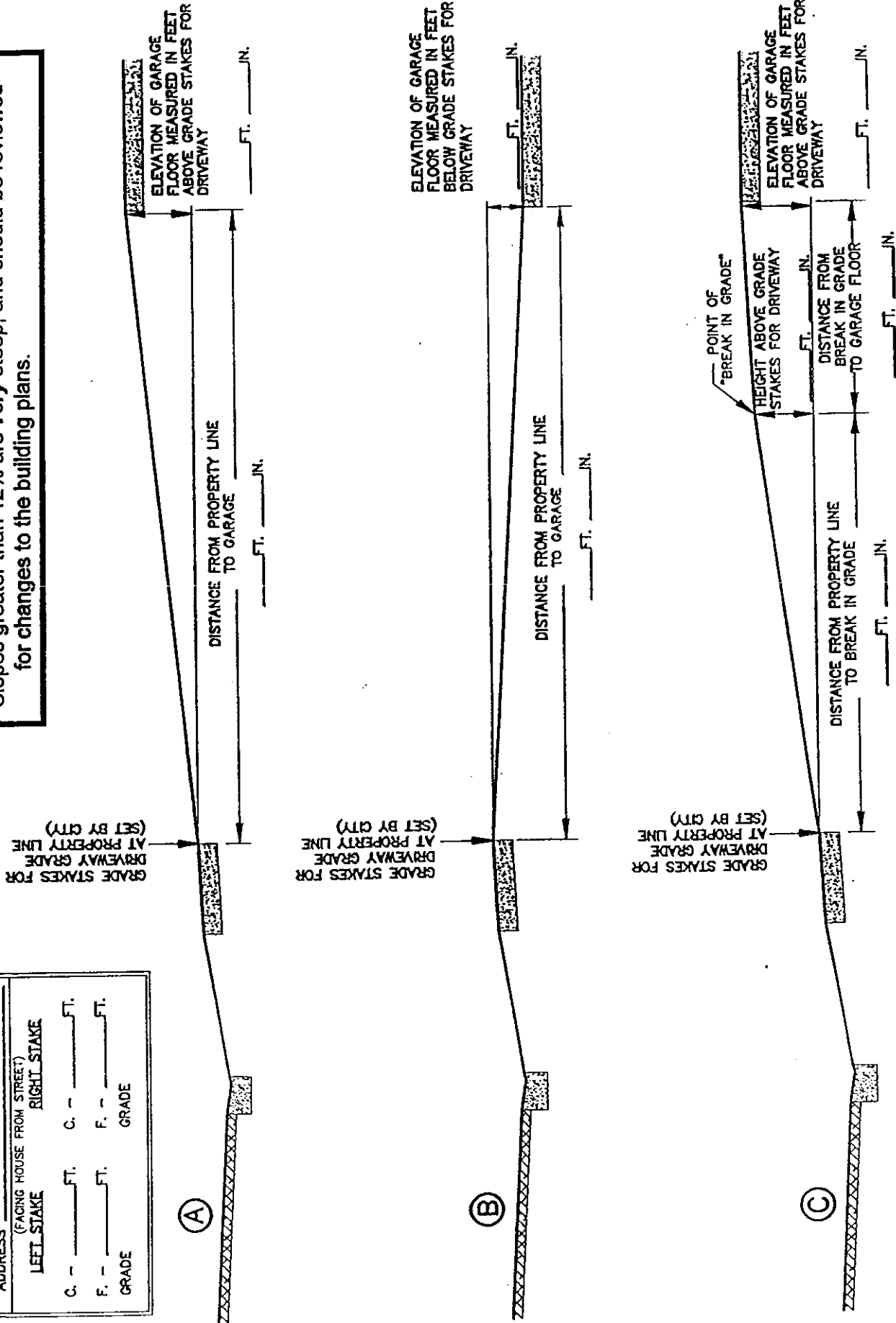
GRADE GRADE

PLEASE NOTE:

Slopes less than 8% are acceptable and easy to negotiate.

Slopes 8% to 12% are somewhat steep, especially in winter.

Slopes greater than 12% are very steep, and should be reviewed for changes to the building plans.



INSTRUCTIONS ON OTHER SIDE

PLANNING DRIVEWAY CONSTRUCTION

INSTRUCTIONS

First, facing the garage location from the street, record the markings on the left and right driveway grade stakes on the attached form.

Next, choose the driveway schematic (A, B or C) which best represents the design of the driveway to be constructed.

For Driveway Schematics A and B

Step

1. Measure (or calculate) the difference in elevation between the reference line on the grade stakes at the property line and the proposed garage floor. Use a contractors level or a level sight.
2. Measure (or calculate) the distance between the grade stakes at the property line and the garage floor.

For Driveway Schematic C

This driveway is often used where slopes are steep. It provides a relatively flat area outside the garage for a distance of 20 feet or so, but it also creates a steeper slope on the remaining portion of the driveway.

Step

1. Measure (or calculate) the difference in elevation between the reference line on the grade stakes at the property line and the "break in grade" on the driveway.
2. Measure (or calculate) the difference in elevation between the "break in grade" and the elevation of the garage floor.
3. Measure (or calculate) the distance between the grade stakes at the property line and the point of the "break in grade".
4. Measure (or calculate) the distance between the point of the "break in grade" and the garage floor.

Driveway slope is calculated by:

Difference in elevation between grade at
property line and grade of garage floor _____ x 100 = % slope
Distance from property line to garage

OR

Difference in elevation between grade at
property line and "break in grade" on driveway _____ x 100 = % slope
Distance from property line to "break in grade"
on driveway



SIDEWALK GRADE FORM

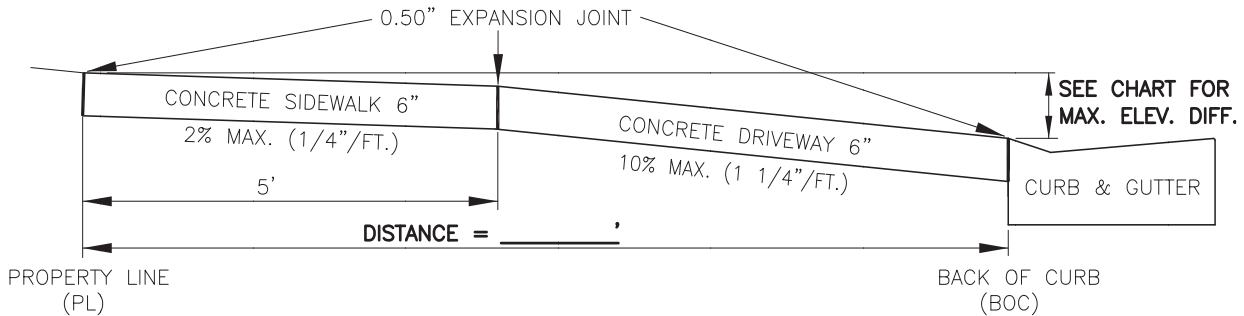
(TO BE COMPLETED AND SIGNED BEFORE
BUILDING OR DRIVE APPROACH PERMITS ARE ISSUED)

PROPERTY ADDRESS _____

1. Does the property have public sidewalk installed along the street where the driveway enters/exits?
 - YES: Match existing sidewalk elevation (You are finished with this form.)
 - NO: Proceed to Section 2.

2. Does the property have curb and gutter installed along the street where the driveway enters/exits?
 - YES: Proceed to Section 3.
 - NO: Sidewalk grade is established at a maximum 0.50 feet (6 inches) above the road centerline elevation. Proceed to Section 4.

3. Determine distance from property line to back of curb and apply to chart to determine maximum elevation difference from back of curb to back of sidewalk:



TYPICAL DRIVEWAY SECTION

Distance from BOC to PL	Maximum elevation at PL above curb	Distance from BOC to PL	Maximum elevation at PL above curb
9'	0.50' (6")	12.5'	0.85' (10 1/4")
9.5'	0.55' (6 1/2")	13'	0.90' (10 3/4")
10'	0.60' (7 1/4")	13.5'	0.95' (11 1/2")
10.5'	0.65' (7 3/4")	14'	1.00' (12")
11'	0.70' (8 1/2")	14.5'	1.05' (12 1/2")
11.5'	0.75' (9")	15'	1.10' (13 1/4")
12'	0.80' (9 1/2")		

4. Acknowledgement / Signature

- I understand and agree to construct the drive approach or driveway from the garage to the property line such that the final drive approach will not exceed the maximum elevations as shown above.
- Due to topographical conditions, I am unable to construct the drive approach or driveway from the garage to the property line such that the final drive approach will not exceed the maximum elevations as shown above. I will provide a waiver from the property owner to exceed the maximum elevation difference.

Contractor: Signature _____ Print Name _____ Date _____

Property Owner: Signature _____ Print Name _____ Date _____

NOTE: Contractor/Owner responsible for transferring elevations to property line.



RESIDENTIAL DECK PERMIT APPLICATION

City of Wausau Division of Inspection, Zoning and Electrical Systems
407 Grant Street, Wausau, WI 54403-4783
(715) 261-6780 / fax (715) 261-4102
inspections@ci.wausau.wi.us



WORK TO BE DONE BY: OWNER or CONTRACTOR Date _____

Property Address _____

Property Use: Single-Family Two-Family Other _____

Deck Location: Front Yard Back Yard Side Yard Approximate Cost of Project \$ _____

Deck Area _____ square feet Deck Length _____ Deck Width _____

Comments _____

OWNER INFORMATION:

Name _____ Phone No. _____

Mailing Address (if different than property address) _____

Email _____

BUILDING CONTRACTOR INFORMATION:

Business Name _____ Phone No. _____

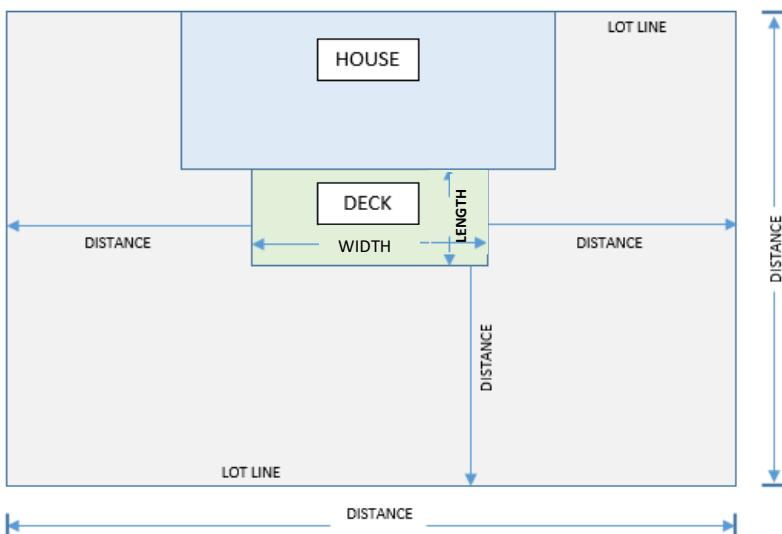
Contact _____

Mailing Address _____ Email _____

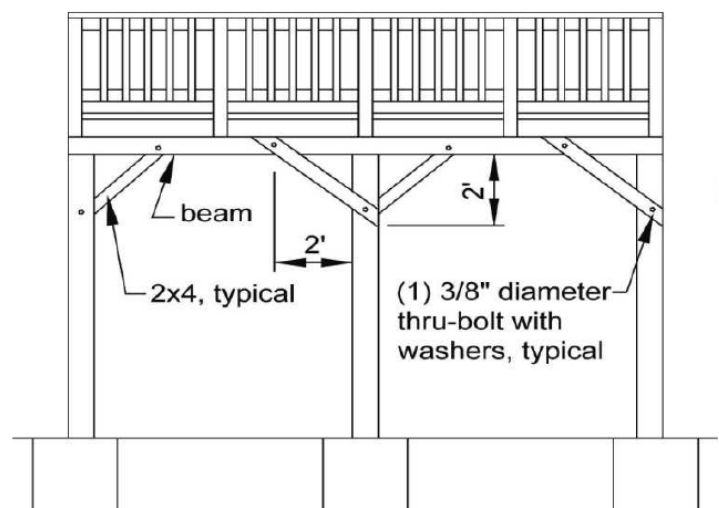
State Dwelling Contractor # _____ AND Qualifier # _____

PLOT PLAN

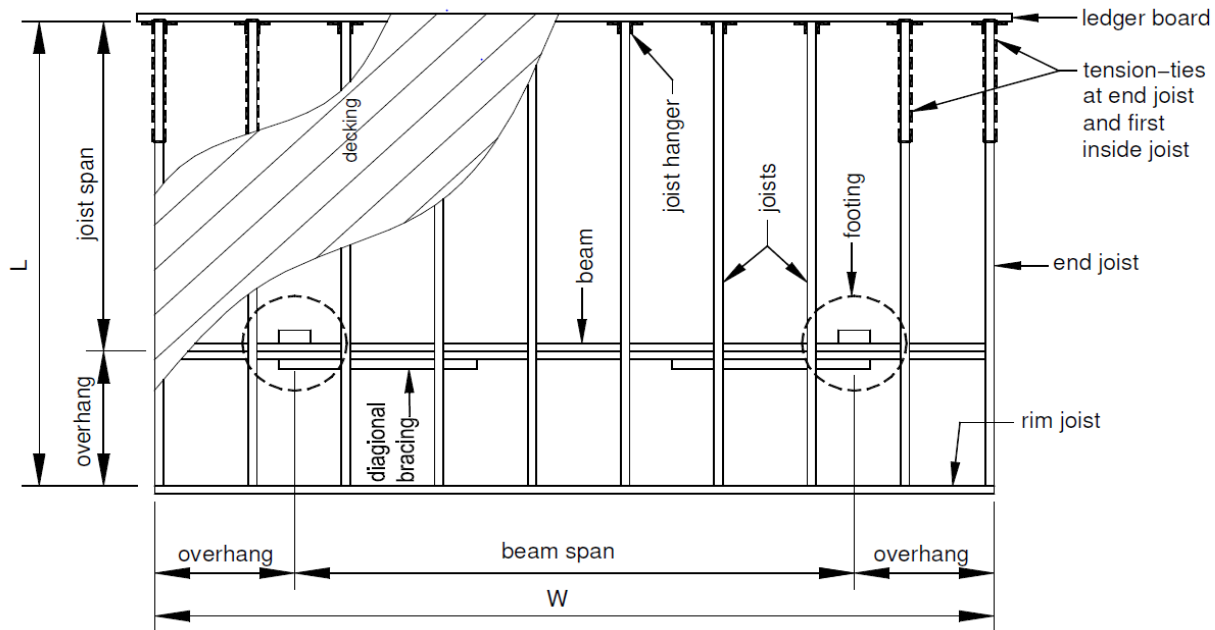
REQUIREMENTS



DIAGONAL BRACING



TYPICAL DECK FRAMING PLAN



***For Multi-Level decking, information is required for each deck level.**

Deck size: L= ___ ft. - ___ in. W= ___ ft. - ___ in.

Footings: Corner footing; Size: ___ in. square round Depth: ___ in.
 Intermediate footing; Size: ___ in. square round Depth: ___
 Diamond Piers; Size: _____

Posts: Size: 4x4 4x6 6x6 Height: ___ ft. - ___ in. Number of posts: _____

Beam(s): Size: 2x6 2x8 2x10 2x12 Number of plies: 2 3
 Overhang: Yes ___ No ___ Overhang dimension: ___ ft. - ___ in.

Ledger: Size: 2x8 2x10 2x12 Not applicable (free-standing deck)
 Fastener: Through bolt Lag screw Wood
 Expansion anchor Adhesive anchor

Lateral support: Tension-tie (not permitted for free-standing deck)
 Diagonal bracing, size: _____

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: Size: 2x6 2x8 2x10 2x12

Decking: Size: 2x4 2x6 five-quarter board wood-plastic composite (per manufacturer's direction)
 Direction: May be placed at an angle of 45 to 90 degrees to the joists unless disallowed in the manufacturer's instructions.

Other decking, evaluation report number: _____