Building a One or Two-Family Home in Wisconsin

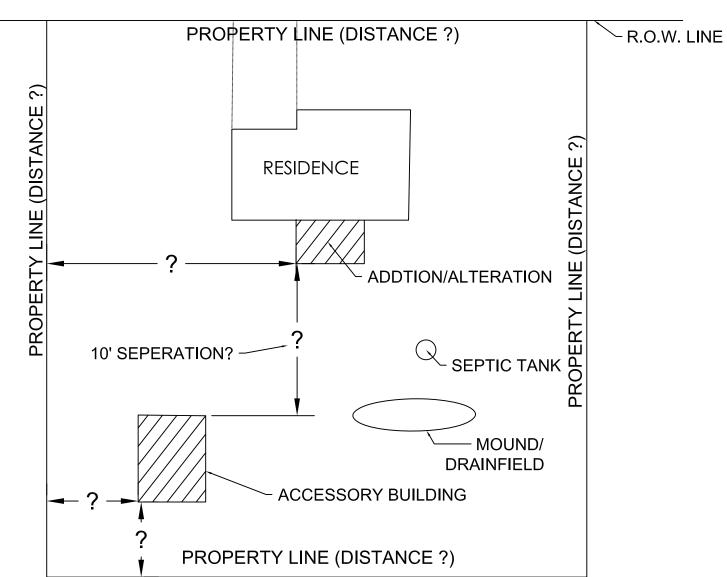
_	If applicable, you will need to obtain a sanitary permit , a driveway permit , and a zoning permit as required by your local municipality or county before a building permit can be issued; a copy of these permits will need to be submitted to the building inspector prior to a building permit being issued.
	Complete the latest version (R.6/10) of the Wisconsin Uniform Building Permit Application (attached) and return to the building inspector.
	Submit an Erosion Control Plan showing the locations of erosion control measures to be taken for sediment control, the location of the tracking pad for driveway access, and the locations of temporary soil storage piles. A copy of the Site Plan with the additional erosion control information may be used for the Erosion Control Plan.
	Submit your Energy Calculations to the building inspector; you may use the 2009 IECC to calculate this number. This software can be downloaded for free at www.energycodes.gov . If you are uncertain how to obtain this calculation, please refer to your HVAC contractor.
	Plan Submittal (Two Sets) At least two sets of plans for all one and two-family dwellings need to be submitted to the building inspector for examination and approval at the time the Wisconsin Uniform Building Permit application is submitted. The required building plans must be legible and drawn to scale or dimensioned and must include ALL of the following:
	Site Plan must show all of the following:
	The location of the dwelling and other buildings, wells, surface waters and dispersal systems on the site with respect to property lines and surface waters adjacent to the site.
	The areas of land-disturbing construction activity and the location of all erosion and sediment control measures to be employed in order to comply with SPS 321.125.
	The pre-construction ground surface slope and direction of runoff flow within the proposed areas of land disturbance.
	Floor Plan must be provided for each floor and must show all of the following:
	The size and location of all rooms, doors, windows, structural features, exit passageways and stairs.
	 The use of each room. The location of plumbing fixtures, chimneys, heating and cooling appliances and a heating distribution layout.
	The location and construction details of the braced wall lines.
	Elevations must show all of the following:
	The exterior appearance of the building, including the type of exterior materials.
	The location, size and configuration of doors, windows, roof, chimneys, exterior grade, footings and foundation walls.
	Storm Water Management Plan:
	Must be prepared for a site where one acre or more of land will be disturbed.
	Must delineate and describe the post-construction storm water management practices to be employed to comply with SPS 321.126.

All above Listed Materials <u>MUST</u> be Submitted PRIOR to the Issuance of a Building Permit

SAMPLE SITE PLAN

Show location of all lot lines and their dimensions. Show location and dimensions of all proposed buildings to be served by septic systems, show the location and dimensions of both the primary and alternate drainfield areas. For alterations or additions to existing buildings served by a septic system, show location of drainfield or if the location is not know, show the location of the vent pipe. Show scale used and the north location.

Center of Right of Way (Not Center of Pavement)





SCALE?



Wisconsin Chapter

Wisconsin's New Law

Many of the recent changes to Wisconsin's electrical licensing law were established by legislation passed in March of 2008. In addition to requiring statewide licensing, this legislation provided for a 5-year delayed effective date (April 1, 2013) to give people time to get the credentials required by the 2008 law.

The Important Facts You Need to Know

- Effective April 1, 2014 Everyone (with certain exceptions) working as an electrician
 or in business as an electrical contractor will need to be licensed or registered with the
 Wisconsin Department of Safety and Professional Services (DSPS).
- Electricians If you have a current DSPS electrical credential (i.e. Master license, Journeyman license, Apprentice or Beginning Electrician registration) you will be in compliance with the new law.
- Apprentices If you are an active apprentice in a registered apprenticeship program, and have a current DSPS electrical credential (i.e. Apprentice or Beginning Electrician registration), you will be in compliance with the new law.
- **Electrical Contractor** If you have a current Electrical Contractor license and you are or employ a Master Electrician, you will be in compliance with the new law. If you are not a Master Electrician or do not employ a Master electrician, you will need to meet this requirement in order to be an Electrical Contractor.
- No DSPS Credential If you do not have a current DSPS credential, you will need to
 either obtain a Master Electrician license, Journeyman license, or register as a Beginning
 Electrician. Beginning Electricians will be "converted" to Registered Electricians in the
 future.
- **Exemptions** Many types of "electrical work" are exempt from the licensing requirement.
- **Grandfathering** There is a very limited grandfathering clause affecting only individuals born before January 1, 1956.
- Further Details Many "details" not addressed in the law will be established by Administrative Rules. The Administrative Rules have not yet been approved.

How ABC Can Help You

ABC of Wisconsin Electrical Exam Preparation Training —

Starting April 2, 2014. This is a review course to prepare for the Wisconsin Journeyman and Masters electrical exams. See www.abcwi.org for more information.



Wisconsin Chapter

Wisconsin's New Law

Legislative Changes Began in 2008

Many of the recent changes to Wisconsin's electrical licensing law were established by legislation passed in March of 2008. In addition to requiring statewide licensing, this legislation provided for a 5-year delayed effective date (April 1, 2013) to give people time to get the credentials required by the 2008 law.

As the effective date approached, some of those regulated by the new law raised concerns and in March of 2013 the legislature pushed back the effective date of the legislation another year (April 1, 2014) in order to consider changes. In February of 2014 the legislature passed new legislation making several changes to the 2008 law but keeping the effective date of April 1, 2014.

Now, under provisions that will become law on April 1, 2014, no person may work as an electrician, and no person may engage in business as an electrical contractor, unless that person is licensed by, or registered with, the Department of Safety and Professional Services.

Credentialing Requirements Effective April 1, 2014

Electrical Contractor

- ✓ No person may engage in the business of installing, repairing, or maintaining electrical wiring unless the person is licensed as an electrical contractor by the department of safety and professional services.
- ✓ No person who is not a master electrician may install, repair, or, maintain electrical wiring unless a master electrician is at all times responsible for the persons work.

Master Electricians

At least one of the following:

- ✓ A bachelor's degree or master's degree in electrical engineering, followed by passage of an examination.
- ✓ 12 months of experience as a journeyman electrician, followed by passage of an examination.
- ✓ 60 months, with at least 10,000 hours experience, followed by passage of an examination.

Journeyman Electricians At least one of the following:

- ✓ Completion of a construction electrician apprenticeship program lasting at least 3 years" and that is approved by the U.S. department of labor or the department of workforce development, followed by passage of an examination.
- ✓ 48 months, with at least 8,000 hours experience, followed by passage of an examination (completion of a 2-year approved program shall be equivalent to 12 months and 2,000 hours of experience).

Apprentice Electricians

✓ The department of safety and professional services must promulgate rules for the registration of electrical apprentices.

Registered Electricians (formerly Beginning Electricians)

- ✓ The department of safety and professional services must promulgate rules that establish procedures for the enrollment of registered electricians.
- Registered electricians must be supervised by licensed journeyman or master electricians.
- ✓ The department must promulgate rules to differentiate the scope of installation, repair, or maintenance of electrical wiring that may be performed by registered electricians.

Grandfathering

- ✓ Persons born on or before January 1, 1956 and who have at least 15 years of experience in installing, repairing, or maintaining electrical wiring will be regulated under separate rules to be developed.
- It is generally presumed that these individual will not be required to pass an examination and may be limited by other restriction.



Wisconsin Chapter

Wisconsin's New Law

Exemptions to Wisconsin's Electrical Licensing Law

- A residential property owner who installs, repairs, or maintains electrical
 wiring on premises that the property owner owns and occupies as a
 residence, unless a license or registration issued by the department is
 required by local ordinance.
- 2. A person engaged in maintaining or repairing electrical wiring within an existing facility or on premises owned or leased by the person or by an entity for which the person is an agent or employee.
- 3. A person engaged in installing, repairing, or maintaining electrical wiring, apparatus, or equipment for elevators and escalators.
- 4. A person engaged in installing, repairing, or maintaining equipment or systems that operate at 100 volts or less.
- A person engaged in installing, repairing, or maintaining an electronic system designed to monitor a premise for the presence of an emergency, to issue an alarm for an emergency, or to detect and summon aid for an emergency.
- A person engaged in installing, repairing, or maintaining electrical wiring
 of facilities that support telecommunication services that is provided by a
 telecommunications provider.
- 7. A person engaged in installing, repairing, or maintaining manufactured equipment or utilization equipment, including ballasts, electric signs and luminaries or any other manufactured system that is designed to provide a function that is not primarily electrical in nature if the installation, repair, or maintenance does not involve the modification or installation of branch circuit conductors that are external to the manufactured or utilization equipment or other manufactured system.
- A person engaged in installing electrical wiring for components of a manufactured home or a manufactured building, while the manufactured home or the manufactured building is at or in the facility at which it is being manufactured.

- A person employed by an electricity provider, or a subcontractor of an electricity provider, who installs, repairs, or maintains electrical wiring for equipment that is installed in the normal course of providing utility services by the electricity provider.
- A person engaged in installing, repairing, or maintaining electrical wiring that provides lighting or signals for public thoroughfares and for public airports.
- A person engaged in installing, repairing, or maintaining electric lines on the utility side of substations and other distribution facilities owned or operated by customers or members of electricity providers.
- 12. A person employed by an electricity provider, or a subcontractor of an electricity provider, who installs, repairs, or maintains primary voltage electric facilities that are owned by the electricity provider's customers or members and that operate at greater than 600 volts.
- 13. A person employed by an electricity provider, or a subcontractor of an electricity provider, who restores service during an emergency.
- 14. A person who installs a replacement for an existing switch or outlet, if the replacement switch or outlet has a rating of not more than 20 amperes.
- 15. A person engaged in installing electrical wiring within an existing industrial facility or existing manufacturing facility owned or leased by the person or by an entity for which the person is an agent or employee.
- 16. A person who installs electrical wiring without receiving payment in a new one or two family dwelling that is being constructed by a qualified nonprofit corporation.

Municipal Authority

Municipal licenses and registrations issued to electricians, electrical contractors, and electrical inspectors are no longer valid (or required) as of March 31, 2014. Municipalities may no longer impose any registration, licensing, or certification requirements on electrical contractors, electricians, or electrical inspectors. And no person may work as an electrician, and no person may engage in business as an electrical contractor, unless that person is licensed by, or registered with, the Department of Safety and Professional Services.

Reciprocity

Many of the most recent changes were intended to facilitate reciprocal agreements with neighboring states. The 2014 legislation allows the department to enter into reciprocal agreements with other states provided the credentials are comparable, the individual submits an application, and pays the fee. It is presumed the department will begin to negotiation such agreements.



Wisconsin Chapter

Wisconsin's New Law

Topics to be Further Defined in Administrative Rules

Inspections	 ✓ Current law requires the department to establish rules for the inspection of electrical wiring. ✓ This legislation prohibits the department from requiring inspection of electrical wiring in an existing industrial facility unless the project required plan review. ✓ Under the bill, all inspections shall be performed by inspectors certified by the department. ✓ Promulgate rules that establish criteria for the certification of electrical inspectors.
Registered electricians and electrical apprentices	 ✓ Promulgate rules that establish criteria for the enrollment of registered electrician and the registration of electrical apprentices. ✓ Promulgate rules that establish requirements for the supervision of registered electricians.
Registration and licensing procedure	✓ Promulgate rules that establish the procedures for the licensing of journeyman electricians and master electricians.
Suspension or revocation	✓ Establish criteria and a process for the suspension and revocation of registrations and licenses.
Types of electricians	✓ The department may promulgate rules that recognize and regulate different types and subtypes of electricians.
Scope of work	✓ Promulgate rules to differentiate the scope of installation, repair, or maintenance that may be performed by electrical contractors, registered electricians, journeyman electricians, master electricians, and any additional type of electrician created in rules.
Continuing Education	✓ Continuing Education requirements for all types of electricians will be defined in Administrative Rule.

Additional Resources

- For Master or Journeyman electrician exam locations check the Department of Safety and Professional Services website (www.dsps.wi.gov).
- If you are unable to schedule an exam before April 1, 2014, register as a "Beginning Electrician" on the DSPS website (www.dsps.wi.gov).
- ABC of Wisconsin has Electrical Exam Preparation training (Master and Journeyman) scheduled starting on April 2nd and concluding on May 21st. Visit www.abcwi.org and click on the "events" tab for more details. For more information contact Elizabeth Roddy at 608-244-6050 or eroddy@abcwi.org.
- For questions about this document contact: John Mielke at 608-244-5883 or jmielke@abcwi.org.

This guide is intended to be a summary of the major provisions of Wisconsin's electrical licensing laws. For actual languageⁱⁱⁱ refer to Wisconsin State Statute

Ch. 101 and Wisconsin Administrative Rule SPS 305.40.

The actual length of approved apprenticeship programs is determined by either the Wisconsin Bureau of Apprenticeship Standard or the U.S. Department of Labor Websites and printed material may not yet be updated to reflect changes in law and Administrative Rule resulting in confusing or seemingly contradictory information.

See "Exemptions to Wisconsin's Electrical Licensing Laws"

UDC Wall Bracing Provisions Permanent Rule effective September 1, 2014

A 'How To' guide for use of the new provisions

Summary: Forget what you knew about the previous wall bracing provisions – this method is a different concept. The provisions are generally based on the 2012 IRC Simplified Wall Bracing Provisions. The new prescriptive Tables provide the number of braced wall panels required on a rectangle side (intermittent sheathing method) OR the total length of braced wall panels required on a rectangle side (continuously sheathed method) in wood frame walls parallel to the wind direction being considered.

What hasn't changed? Generally the bracing materials and fastening in Table 321.25-G remain unchanged.

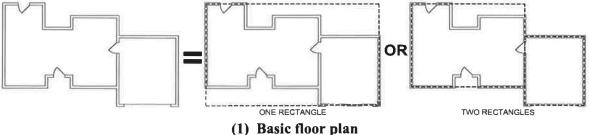
Major Assumptions/Defaults:

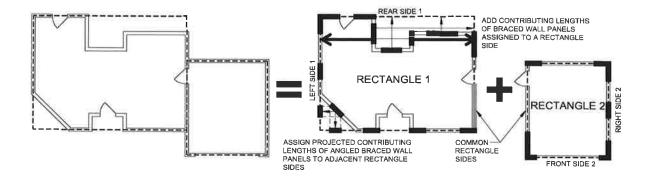
- Interior side of exterior walls are sheathed with ½" gypsum board
- 10' wall heights
- Wind Exposure category B
- For the intermittent bracing method roof eave (top of wall) to ridge height is 10'

Starting with the topmost floor level ...

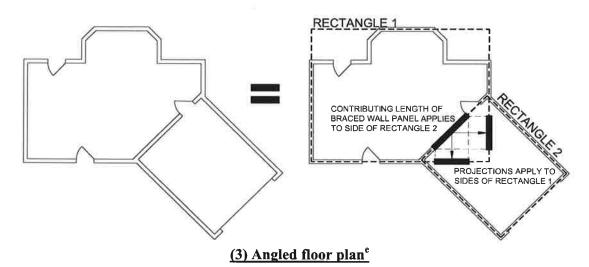
STEP 1: Define the rectangle sides by circumscribing the outermost extents of the building at each floor level with a rectangle. The maximum length of any side of the rectangle is 75' for intermittent bracing and 80' for continuously sheathed bracing. For either method the maximum length to width ratio of the rectangle is 3:1. If the length of the rectangle side exceeds the prescriptive limit of the respective table or the length to width ratio exceeds 3:1 the building must be circumscribed or divided with more than one rectangle or designed by engineering analysis. See examples below from the rules - Figure 321.25-B.







(2) Angled-building-side pland



^aEach floor plan level shall be circumscribed with one or more rectangles around the entire floor plan at the floor level under consideration as shown. When multiple rectangles are used, each side shall be braced as though it were a separate building and the bracing amount added together along the common wall where adjacent rectangles overlap or abut.

^bRectangles shall surround all enclosed plan offsets and projections. Chimneys, partial height projections, and open structures, such as carports and decks, shall be excluded from the rectangle.

^eBraced wall panels located on a common wall where angled rectangles intersect, as shown in Figure 321.25-B(3), shall have their contributing length applied towards the required length of bracing for the parallel rectangle side and its projected contributing lengths towards the adjacent angled rectangle sides. Where the common side of rectangle 2 as shown in Figure 321.25-B(3) has no physical wall, the portion shall be designed in accordance with s. SPS 321.25 (8) (a).

STEP 2: Select the wall bracing method (intermittent or continuous), materials, and panel width (intermittent method) from Table 321.25-G. If using intermittent braced wall panels, in general most of the bracing methods are considered equivalent and the method simply tells you the NUMBER of panels required on a rectangle side. For continuously sheathed bracing the method yields the total LENGTH of braced wall required on a rectangle side.

Each rectangle shall have a maximum rectangle length-to-width ratio of 3:1.

^dProjected contributing lengths of angled braced wall panels shall be assigned to the closest rectangle sides, as shown for the angled corner in the angled-building-side-plan shown above.

CS-SFB ^d Continuous sheathed SFB	7/16" for maximum 24" o.c. stud spacing ½" for maximum 16" o.c. stud spacing			Same as SFB	Same as SFB
		Narrow	Panel Bracing		!
PF Portal frame	7/16"	12'	Refer to Figure 321.25–A	Refer to Figure 321.25–A	Refer to Figure 321.25–A

^aThe interior side of all exterior walls shall be sheathed with minimum ½-inch gypsum wallboard unless otherwise permitted to be excluded by this subsection. All edges of panel-type wall bracing, except horizontal joints in GB bracing, shall be attached to framing or blocking.

STEP 3: DETERMINE NUMBER OF PANELS OR REQUIRED TOTAL LENGTH OF BRACING REQUIRED USING ONE OF THE FOLLOWING METHODS

A) Intermittent braced wall panels. Determine the NUMBER of braced panels required on each rectangle side using Table 321.25-I based on the length of the perpendicular side. NOTE a minimum of 2 braced wall panels is required on each rectangle side.

Table 321.25–I REQUIRED NUMBER OF INTERMITTENT BRACED WALL PANELS ON WALLS PARALLEL TO EACH RECTANGLE SIDE AT EACH FLOOR LEVEL^{a,b,c,d,e,f, h}

	:	Required Number of Brace Pan on a Building Side Length of Perpendicular Side (fe		
Wall Support	ing:	≤25	≤50	≤75
Roof and ceiling only		1 ⁱⁱ	2	3
One floor, roof and ceiling	自自	2	4	6

bThe actual measured wall height shall include stud height and thickness of top and bottom plates. The actual wall height shall be permitted to exceed the listed nominal values by not more than 4½ inches. Tabulated bracing amounts in s. SPS 321.25 (8) (c) are based on a 10-foot nominal wall height for all bracing methods and shall be permitted to be adjusted to other nominal wall heights not exceeding 12 feet in accordance with footnotes to Table 321.25–I or Table 321.25–J.

^cLIB is not permitted for walls supporting a roof and two floors. Two LIB braces installed at a 60° angle from horizontal shall be permitted to be substituted for each 45° angle LIB brace.

^dBracing with CS-WSP and CS-SFB shall have sheathing installed on all sheathable surfaces above, below, and between wall openings.

^eShall be attached to the top and bottom plates and any intermediate studs, in one continuous length.

^fEach braced panel may contain no more than one hole, having a maximum dimension of no more than ten percent of the least dimension of the panel, and confined to the middle three-fourths of the panel.

Two floors, roof and ceiling		3	6	9
------------------------------	--	---	---	---

^aInterpolation is permitted. Extrapolation to buildings larger than addressed in this table is prohibited.

Wind exposure category B is comprised of urban and suburban areas, wooded areas, or other terrain with numerous closely spaced obstructions having the size of single-family dwellings or larger. Exposure B shall be assumed unless the site meets the definition of another type exposure.

Wind exposure category C is comprised of flat, open country and grasslands with scattered obstructions, including surface undulations or other irregularities, having heights generally less than 30 feet extending more than 1,500 feet from the building site in any quadrant. This exposure also applies to any building located within Exposure B type terrain where the building is directly adjacent to open areas of Exposure C type terrain in any quadrant for a distance of more than 600 feet.

Wind exposure category D is comprised of flat, unobstructed areas exposed to wind flowing over open water for a distance of at least 1 mile. This exposure applies only to those buildings and other structures exposed to the wind coming from over the water. Exposure D extends inland from the shoreline a distance of 1,500 feet or 10 times the height of the building or structure, whichever is greater.

^cTabulated values are based on a nominal wall height of 10 feet. For nominal wall heights other than 10 feet and not more than 12 feet, multiply the required number of brace panels by the following factors: 0.9 for 8 feet, 0.95 for 9 feet, 1.15 for 11 feet, or 1.3 for 12 feet.

^dTabulated values are based on a roof with a top-of-wall-to-ridge height of 10 feet. For top-of-wall-to-ridge heights other than 10 feet, multiply the required number of brace panels by the following factors for each floor level support condition:

Roof only -0.7 for 5 feet, 1.3 for 15 feet, or 1.6 for 20 feet Roof +1 Floor -0.85 for 5 feet, 1.15 for 15 feet, or 1.3 for 20 feet Roof +2 Floors -0.9 for 5 feet or 1.1 for 15 feet.

eWhere minimum ½-inch gypsum wallboard is not included on the interior side of the wall, multiply the number of braced wall panels by 1.7 for LIB bracing or 1.4 for all other bracing methods, except this increase is not required for the portal frame method.

^fAdjustments in footnotes b to e apply cumulatively. Fractions of panels shall be rounded to the nearest one-half braced wall panel.

^gPerpendicular sides to the front and rear sides are the left and right sides. Perpendicular sides to the left and right sides are the front and rear sides. See Figure 321.25–B.

^hThe following braced wall panel conditions shall be permitted to be counted as one-half a braced wall panel toward meeting the required number of panels: (1) one 60 degree LIB; (2) one 48" GB or one 96" GB with gypsum wallboard on one side; (3) one 36" WSP or SFB braced wall panel for wall heights not more than 9 feet; (4) a 48" WSP or SFB braced wall panel where there is no more than one unblocked horizontal joint; or (5) one PF brace panel complying with Figure 321.25–A.

¹This value of less than 2 serves only as the beginning value for calculation purposes. The resulting value shall be 2 or greater, to be consistent with subd. 2.

OR

B) Continuously Sheathed braced walls. Determine the TOTAL LENGTH of braced wall panels on each rectangle side using Table 321.25-J based on the length of the perpendicular side.

Table 321.25–J REQUIRED LENGTH OF CONTINUOUS BRACING ON WALLS PARALLEL TO EACH RECTANGLE SIDE AT EACH FLOOR LEVEL a,b,c,d,e,g,h

Top-of-		Total Required Length (feet) of Full-Height
Wall-to-	Wall Supporting:	Bracing
Ridge		on Any Side of Rectangle

^bThis table applies to wind exposure category B. For wind exposure category C or D, multiply the number of braced wall panels required by 1.3 or 1.6, respectively.

Height (feet)				Leng	gth of F	Perpen	dicular	Side (feet) ^f	
(Iout)			10	20	30	40	50	60	70	80
	Roof and ceiling only		2.0 i	3.5 ¹	5.0	6.0	7.5	9.0	10.5	12.0
10	One floor, roof and ceiling		3.5 i	6.5	9.0	12.0	14.5	17.0	19.8	22.6
	Two floors, roof and ceiling	Ê	5.0	9.5	13.5	17.5	21.5	25.5	29.2	33.4
	Roof and ceiling only		2.6 i	4.6	6.5	7.8	9.8	11.7	13.7	15.7
15	One floor, roof and ceiling		4.0	7.5	10.4	13.8	16.7	19.6	22.9	26.2
	Two floors, roof and ceiling	Â	5.5	10.5	14.9	19.3	23.7	27.5	32.1	36.7
	Roof and ceiling only		2.9 ⁱ	5.2	7.3	8.8	11,1	13.2	15.4	17.6
20	One floor, roof and ceiling		4.5	8.5	11.8	15.6	18.9	22.1	25.8	29.5
	Two floors, roof and ceiling	Ê	6.2	11.9	16.8	21.8	27.3	31.1	36.3	41.5

^aInterpolation is permitted. Extrapolation to buildings larger than addressed in this table is prohibited.

^bThis table applies to wind exposure category B. For wind exposure category C or D, multiply the required length of wall bracing by 1.3 or 1.6, respectively. Wind exposure categories are as defined in Table 321.25–I footnote b.

^cTabulated values are based on a nominal wall height of 10 feet. For nominal wall heights other than 10 feet, multiply the required length of bracing by the following factors: 0.90 for 8 feet, 0.95 for 9 feet, 1.05 for 11 feet, or 1.10 for 12 feet.

^dWhere minimum ½-inch gypsum wallboard interior finish is not provided, the required bracing amount for the affected rectangle side shall be multiplied by 1.4, except this increase is not required for the portal frame method.

^eAdjustments in footnotes b to d apply cumulatively.

Perpendicular sides to the front and rear sides are the left and right sides. Perpendicular sides to the left and right sides are the front and rear sides. See Figure 321.25-B.

^gContinuous sheathing shall be applied to all surfaces of the wall, including areas between brace panels and above and below wall openings.

^hWhen used on a wall line with continuous sheathing, each portal frame panel is counted for its actual length in contributing toward the length of continuous sheathing used on other portions of the same wall line, such as the building side at a given story level.

Any value of less than 4.0 in this table serves only as the beginning value for calculation purposes. The resulting value shall be 4.0 or greater, to be consistent with Table 321.25–H and subd. 2.

STEP 4: If required, apply any adjustment factors (adjustments may decrease or increase the required bracing amount) per the footnotes to the respective Table for the method used (intermittent or continuous). For example wall heights taller than 10' and wind exposure category C or D would both increase the bracing amount. Absence of interior ½" gypsum board sheathing increases the required bracing amount.

STEP 5: Repeat steps 2 through 4 considering wind in the perpendicular direction.

STEP 6: Determine the minimum required width of braced wall panels. For intermittent bracing method the minimum length of braced wall panel is given in Table 321.25-G (see step 2 above). For continuously sheathed bracing method the minimum width is determined using Table 321.25-H dependent on the maximum opening height adjacent to the panel and the wall height.

Table 321.25-H^{a, b}
MINIMUM WIDTHS OF CS-WSP AND CS-SFB BRACED WALL PANELS

Maximum Opening Height Adjacent to Braced Wall Panel	Minimum Width of Full-Height Braced Wall Pane (inches)					
	8' Tall Wall	9' Tall Wall	10' Tall Wall	12' Tall Wall		
5'- 4"	24	27	30	36		
6'-8"	32	30	30	36		
8'	48	41	38	36		
9'	-	54	46	41		
10'	-	-	60	48		
12'	_		3=3	72		

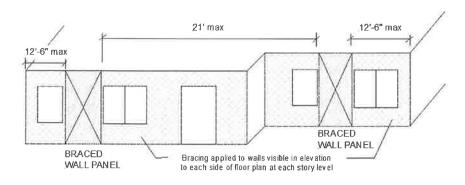
^aSheathing shall extend from the top of the top plate to the bottom of the bottom plate and may be multiple sheets. All joints shall be blocked.

PF (**Portal Frame**) **Method**: Portal Frame narrow panel bracing may be used with either the intermittent or continuously sheathed bracing methods. 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 321.15-A) in feet, counts toward the required total length of bracing required.

STEP 7: Check that the location of braced wall panels meets Figure 321.25-C. A braced wall panel must start within 12 ½' from the end of the rectangle side and braced panels must be spaced a maximum of 21' edge to edge along the rectangle side. For intermittent or continuous methods, each PF panel meeting the minimum required width of Fig. 321.25-A counts as a braced wall panel when evaluating compliance with Fig. 321.25-C.

^bInterpolation is permitted.

FIGURE 321.25–C LOCATION OF BRACED WALL PANELS ALONG A BUILDING SIDE^a



^aA braced wall panel can be anything from one-half to one brace panel.

STEP 8: Repeat steps 1 through 7 for additional floor levels.

See also the One- and Two-Family Dwellings (Uniform Dwelling Code) Program web page for a Frequently Asked Questions document that provides further guidance and explanation on the use of the wall bracing permanent rule provisions.

MINIMUM WIDTH OF BRACED WALL PANEL BETWEEEN END OF WALL AND GARAGE DOOR

(Assuming garage end wall is the end of a rectangle side)

	WALL HEIGHT						
METHOD	8′	9'	10'	11'	12'		
PORTAL FRAME ^{1,2}	16"	18"	20"	22"	24"		
CONTINUOUS ³ SHEATHING (HEIGHT OF DOOR OPENING)					3		
6′8″	32"	30"	30"	33"	36"		
8′	48"	41"	38"	37"	36"		
9'		54"	46"	43.5"	41"		
10'			60"	54"	48"		
12′					72"		
INTERMITTENT ³	36" ⁴	36"4	48"	48"	48"		

¹ If using Intermittent Sheathing on the remainder of the rectangle side, a Portal Frame panel counts as ½ panel toward the total number of panels needed.

² A full-height braced wall panel must go immediately on the other side of the garage door opening.

³ As long as the first panel starts within 12.5' of the end, there is no minimum width.

⁴ Counts as ½ panel toward the total number of panels needed.

Wall Bracing Compliance Worksheet

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

Sketch and dimension Provide and label addi			e 321.25-B

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 r	Intermittent method (LIB,		Continuous method (CS-		(see Figure
	DWB, WSP,	SFB, GB,	WSP, CS-SI	FB) and total	321.25-A). Indicate	
	PCP) and # of panels per		length requir	length required per Table		F panels 16-
	Table 321.25	Table 321.25-I		321.25-J		ovided.
	Min. panel width (Table		Min. panel width (Table		Min. PF width (Fig.	
	321.25-G) =		321.25-H) =		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. =	
Walls Supporting	Walls Supporting:		method (LIB,	Continuous r	Continuous method (CS-		see Figure
		DWB, WSP,	SFB, GB,	WSP, CS-SF	B) and total	321.25-A). Indicate	
		PCP) and # o	of panels per	length requir	length required per Table		F panels 16-
		Table 321.25-1		321.25-H		24" wide provided.	
			Min. panel width (Table		Min. panel width (Table		th (Fig.
		321.25-G) =		321.25-H) =		321.25-A) =	
		Long side	Short side	Long side	Short Side	Long side	Short side
Roof and ceiling	only						
One floor, roof an	One floor, roof and ceiling						
Two floors, roof a	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.



Erosion Control for Home Builders

By controlling erosion, home builders help keep our lakes and streams clean. roding construction sites are a leading cause of water quality problems in Wisconsin. For every acre under construction, about a dump truck and a half of soil washes into a nearby lake or stream unless the builder uses erosion controls. Problems caused by this sediment include:



Taxes

Cleaning up sediment in streets, sewers and ditches adds extra costs to local government budgets.

Lower property values

Neighboring property values are damaged when a lake or stream fills with sediment. Shallow areas encourage weed growth and create boating hazards.

Poor fishing

Muddy water drives away fish like northern pike that rely on sight to feed. As it settles, sediment smothers gravel beds where fish like smallmouth bass find food and lay their eggs. Soil particles in suspension can act like a sand blaster during a storm and damage fish gills.

Nuisance growth of weeds and algae

Sediment carries fertilizers that fuel algae and weed growth.

Dredging

The expense of dredging sediment from lakes, harbors and navigation channels is paid for by taxpayers.

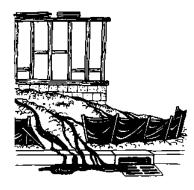
This fact sheet includes the diagrams and step-by-step instructions needed by builders on most home sites. Additional controls may be needed for sites that have steep slopes, are adjacent to lakes and streams, receive a lot of runoff from adjacent land, or are larger than an acre.

If you need help developing an erosion control plan or training your staff, contact your local building inspection, zoning or erosion control office.

Controlling Erosion is Easy

Erosion control is important even for home sites of an acre or less. The materials needed are easy to find and relatively inexpensive – straw bales or silt fence, stakes, gravel, plastic tubes, and grass seed. Putting these materials to use is a straightforward process. Only a few controls are needed on most sites:

- Preserving existing trees and grass where possible to prevent erosion;
- Revegetating the site as soon as possible;
- Silt fence or straw bales to trap sediment on the downslope sides of the lot;
- Placing soil piles away from any roads or waterways;
- Diversions on upslope side and around stockpilkes;
- Stone/rock access drive used by all vehicles to limit tracking of mud onto streets;
- Cleanup of sediment carried off-site by vehicles or storms; and
- Downspout extenders to prevent erosion from roof runoff.



A poorly installed silt fence will not prevent soil erosion. Fabric must be buried in a trench and sections must overlap (see diagram on back of this fact sheet).

WARNING! Extra measures may be needed if your site:

- is within 300 feet of a stream or wetland;
- is within 1000 feet of a lake;
- is steep (slopes of 12% or more);
- receives runoff from 10,000 sq. ft. or more of adjacent land;
- has more than an acre of disturbed ground.

For information on appropriate measures for these sites, contact your local building inspection, zoning or erosion control office.

Straw Bale or Silt Fence

- Install within 24 hours of land disturbance.
- Install on downslope sides of site parallel to contour of the land.
- Extended ends upslope enough to allow water to pond behind fence.
- Bury eight inches of fabric in trench (see back page).
- Stake (two stakes per bale).
- Leave no gaps. Stuff straw between bales, overlap sections of silt fence, or twist ends of silt fence together.
- Inspect and repair once a week and after every ½-inch rain. Remove sediment if deposits reach half the fence height. Replace bales after three months.
- Maintain until a lawn is established.

Soil Piles

- Cover with plastic and locate away from any downslope street, driveway, stream, lake, wetland, ditch or drainageway.
- Temporary seed such as annual rye or winter wheat is recommended for topsoil piles.

Access Drive

- Install an access drive using two-tothree-inch aggregate prior to placing the first floor decking on foundation.
- Lay stone six inches deep and at least seven feet wide from the foundation to the street (or 50 feet if less).
- Use to prevent tracking mud onto the road by all vehicles.
- Maintain throughout construction.
- In clay soils, use of geotextile under the stone is recommended.

Sediment Cleanup

- By the end of each work day, sweep or scrape up soil tracked onto the road.
- By the end of the next work day after a storm, clean up soil washed off-site.

Sewer Inlet Protection

- Protect on-site storm sewer inlets with straw bales, silt fences or equivalent measures.
- Inspect, repair and remove sediment deposits after every storm.

Downspout Extenders

- Not required, but highly recommended.
- Install as soon as gutters and downspouts are completed to prevent erosion from roof runoff.
- Use plastic drainage pipe to route water to a grassed or paved area.
 Once a lawn is established, direct runoff to the lawn or other pervious areas.
- Maintain until a lawn is established.

Preserving Existing Vegetation

- Wherever possible, preserve existing trees, shrubs, and other vegetation.
- To prevent root damage, do not grade, place soil piles, or park vehicles near trees marked for preservation.
- Place plastic mesh or snow fence barriers around trees to protect the root area below their branches.

Revegetation

 Seed, sod or mulch bare soil as soon as possible. Vegetation is the most effective way to control erosion.

Seeding and Mulching

- Spread four to six inches of topsoil.
- Fertilize and lime if needed according to soil test (or apply 10 lb./1000 sq. ft. of 10-10-10 fertilizer).
- Seed with an appropriate mix for the site (see table).
- Rake lightly to cover seed with 1/4" of soil. Roll lightly.
- Mulch with straw (70-90 lb. or one bale per 1000 sq. ft.).
- Anchor mulch by punching into the soil, watering, or by using netting or other measures on steep slopes.
- Water gently every day or two to keep soil moist. Less watering is needed once grass is two inches tall.

NOT APPLICABLE **EROSION CONTROL PLAN CHECKLIST** 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. П The disturbed area on the lot. П Approximate gradient and direction of slopes before grading operations. Approximate gradient and direction of slopes after grading operations. П Overland runoff (sheet flow) coming onto the site from adjacent areas. П **Erosion Control Practices** Location of temporary soil storage piles. 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 access drive(s). Note: Access 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 strip) that will prevent eroded soil from leaving the site. Location of sediment barriers around on-site storm sewer inlets. П П 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 seeding with use of erosion control mats. Location of practices that will control erosion on areas of concentrated runoff flow. 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.

COMPLETED	NOT APPLICABLE	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 1 and September 15), 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 de-watering 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 height of the barrier.
		 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.
		 Access drives will be maintained throughout construction.
		 All installed erosion control practices will be maintained until the disturbed areas they protect are stabilized.

EROSION CONTROL REGULATIONS

Erosion control and stormwater regulations can be complex. Local, state and, in some cases, federal regulations may apply. Before construction make sure you have the appropriate permits.

LOCAL ORDINANCES

Check with your county, 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.

UNIFORM DWELLING CODE (DEPT. OF COMMERCE)

CONTROLS REQUIRED

- Silt fences, straw bales, or other approved perimeter measures along downslope sides and side slopes.
- 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.

FOR MORE INFORMATION, CONTACT:

- Local building inspector
- Department of Commerce, Safety and Buildings Division, P.O. Box 7970, Madison, Wis. 53707-7970, (608) 267-5113.

STORMWATER PERMIT (DEPT. OF NATURAL RESOURCES)

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) 267-7694.

For more assistance on plan preparation, refer to 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 the State of Wisconsin Document Sales, (608) 266-3358.

Erosion Control for Home Builders (GWQ001) can be ordered through Extension Publications, (608) 262-3346 or the Department of Commerce, (608) 267-4405. A PDF version of Erosion Control for Home Builders (GWQ001) and Standard Erosion Control Plan are also available at http://clean-water.uwex.edu/pubs/sheets

This publication is available from county UW-Extension offices or from Extension Publications, 45 N. Charter St., Madison, WI 53715. (608) 262-3346 or toll-free (877) 947-7827. A publication of the University of Wisconsin–Extension in cooperation with the Wisconsin Department of Natural Resources and the Wisconsin Department of Commerce.



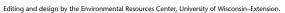


©1999 by the Board of Regents of the University of Wisconsin System. Send inquiries about copyright permission to: Cooperative Extension Publications, 432 North Lake Street, Madison, WI 53706. University of Wisconsin-Extension is an EEO/Affirmative Action employer and provides equal opportunities in employment and programming, including Title IX and ADA requirements.

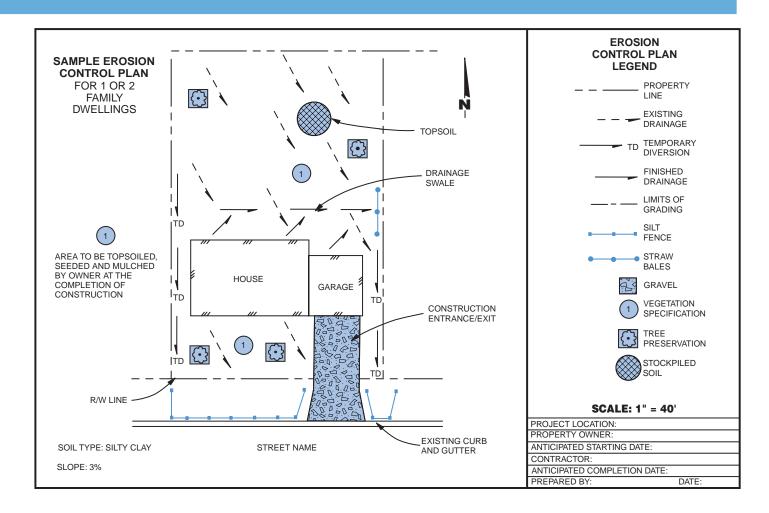
GWQ001A Standard Erosion Control Plan for 1 & 2 Family Dwelling Construction Sites



R-03-02-2M-10-S







Sodding

- Spread four to six inches of topsoil.
- Fertilize and lime if needed according to soil test (or apply 10 lb./1000 sq. ft. of 10-10-10 fertilizer).
- Lightly water the soil.
- Lay sod. Tamp or roll lightly.
- On slopes, lay sod starting at the bottom and work toward the top. Laying in a brickwork pattern. Peg each piece down in several places.
- Initial watering should wet soil six inches deep (or until water stands one inch deep in a straight-sided container). Then water lightly every day or two to keep soil moist but not saturated for two weeks.
- Generally, the best times to sod and seed are early fall (Aug. 15-Sept. 15) or spring (May). If construction is completed after September 15, final seeding should be delayed. Sod may be laid until November 1. Temporary seed (such as rye or winter wheat) may be planted until October 15.

Mulch or matting may be applied after October 15, if weather permits. Straw bale or silt fences must be maintained until final seeding or sodding is completed in spring (by June 1).

Concrete Wash Water

 Dispose of concrete wash water in an area of soil away from surface waters where soil can act as a filter or evaporate the water. Dispose of remaining cement. Be aware that this water can kill vegetation.

De-Watering

 Dispose of de-watering water in a pervious area. Prevent the discharge of sediment from dewatering operations into storm sewers and surface waters.

Material Storage

 Manage chemicals, materials and other compounds to avoid contamination of runoff.

Typical Lawn Seed Mixtures

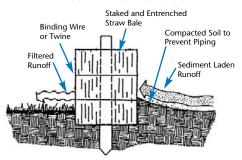
Percent by Weight Grass Sunny Site Shady Site Kentucky bluegrass 65% 15% Fine fescue 20% 70% Perennial ryegrass 15% 15% 4-5 Seeding rate 3-4 (lb./1000 sq. ft.) Source: R.C. Newman, Lawn Establishment,

UW-Extension, 1988.

COMMONLY USED EROSION CONTROLS

Straw Bale Fences

Cross Section of Straw Bale Installation



Source: Michigan Soil Erosion and Sedimentation Control Guidebook, 1975.

How to Install a Straw Bale Fence



1. Excavate a 4" deep trench.



2. Place bales in trench with bindings around sides away from the ground. Leave no gaps between bales.



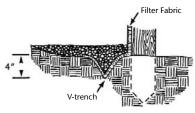
3. Anchor bales using two steel rebars or 2" x 2" wood stakes per bale. Drive stakes into the ground at least 8".

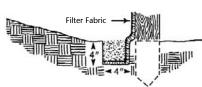


4. Backfill and compact the excavated soil.

Silt Fences

Cross Sections of Trenches for Silt Fences

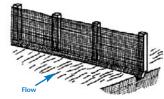




Sources: North Carolina Erosion and Sediment Control Planning and Design Manual, 1988.

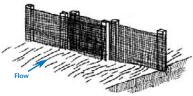
Flow

1. Excavate a 4" x 4" trench along the contour.



2. Stake the silt fence on downslope side of trench. Extended 8" of fabric into the trench.

How to Install a Silt Fence



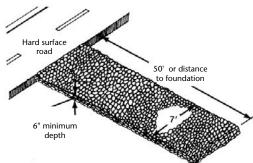
3. When joints are necessary, overlap ends for the distance between two stakes.



4. Backfill and compact the excavated soil.

Access Drive

How to Install an Access Drive



- 1. Install as soon as possible after start of grading.
- 2. Use two-to-three-inch aggregate stone.
- Drive must be at least seven feet wide and 50 feet long or the distance to the foundation, whichever is less.
- 4. Replace as needed to maintain six-inch depth.



GWQ001 Erosion Control for Home Builders

DNR WT-457-96 R-1-00-10M-25-S This publication is available from county UW-Extension offices or from Extension Publications, 630 W. Mifflin St., Madison, WI 53703. (608) 262-3346.

A publication of the University of Wisconsin–Extension in cooperation with the Wisconsin Department of Natural Resources.

Author: Carolyn Johnson, UW-Extension.

©1999 by the Board of Regents of the University of Wisconsin System. Send inquiries about copyright permission to: Cooperative Extension Publications, 432 N. Lake St., Madison, WI 53706. University of Wisconsin-Extension is an EEO/Affirmative Action employer and provides equal opportunities in employment and programming, including Title IX and ADA requirements.

Editing and design by the Environmental Resources Center, University of Wisconsin–Extension.





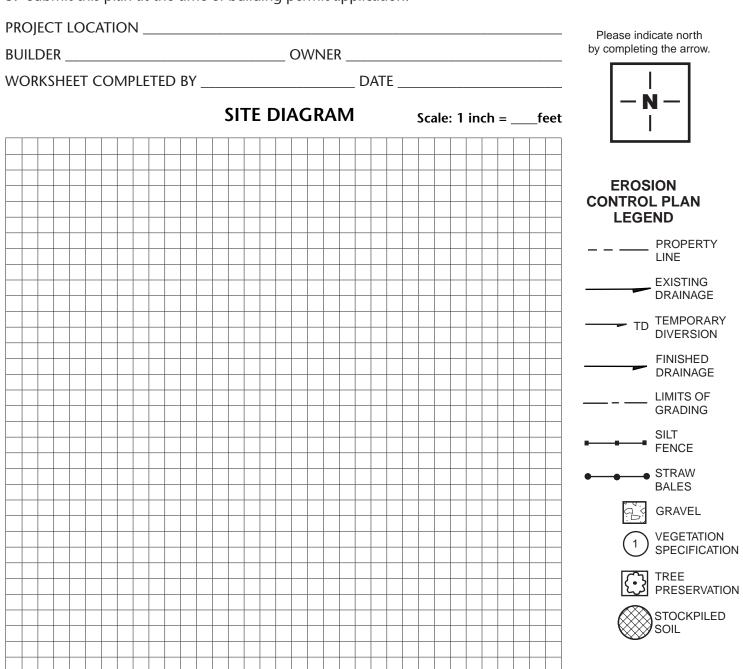
Standard Erosion Control Plan

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.



B 11.11	0 0 11	
	Cross Section	Shingles
Roof:		
Pitch/12		Felt
Shingleslb.	Rafter	Ice Barrier
Feltlb.	or Truss	- Sulfiel
Ice Barrier		Roof Sheathing
Roof SheathingNo (if yes truss clip	remark his installed if except among ATV	
if no answer the following	S HIUSI DE RISIONEO & SPOSI I DAS 8	
Rafter Size x	1	
Rafter Sizex Rafter Spacing"-O.C.	4	
Rafter Clear Span-	Ceiling joist	LMM
Rafter Clear Span	Headers	
Ridge Type & Size		
Ceiling Joist Size-		
Ceiling Joist Spacing- Ceiling Joist Species & Grade- Insulation Type & R-Value-	Siding	
Ceiling Joist Species & Grade		
Insulation Type & R-Value	/R Sheathing	
Roof Ventilation		11 18 1
Noor ventuation	Wall Framing	
Walls:	/ Wall Hamili	
Siding	Vapor Retarder	
SidingSheathing Type & Thickness	/"	
Insulation Type / R-Value-	_R Interior Finis	h-
Header Sizex		
Ceiling Heightx/_	"OC Insulation	
Stud Size & Spacing x /_	"O.C.	
Interior Finish- Grade of Framing Lumber		
Grade of Framing Lumber		
Floor:	Name	
Sub-Floor	Job Address	11 111
Floor Joist Type		
Floor Joist Size		
Floor Joist SpacingFloor Joist Clear Span	Contact Phone #	
Floor Joist Clear Span-	Contact i none #	
Floor Joist Species		
Floor Joist Grade-	-	
Beam Support, Type & Size/_	-	
Distance From Grade-	-	il (il
Foundation: Anchor Type	P	
Anchor Spacing		
Cill Plate	- / r	loor Joist
Sill PlateR	Clear span, to support	I redied Sill Figure
Wall Height-		
Wall HeightPoured Wall Size		8888
Block Wall Size-	1/2" Anchor Boits	1 2222
Vertical Reinforcement-# - 0.	c. Insulation————	
Block Wall Size- Vertical Reinforcement-#o Horizontal Reinforcement-#o	C. Foundation Wall-	
Concrete Floor Thickness	Vadlad Beinfersonant	III/XXXX
Vapor Retarder	Venical removement	
Drain Tile Size	- Horzoniai keimorcemeni	
Column Pad Sizexx	Concrete Floor	8888
Column Spacing		
Footing Width		Gravel Fill
Footing Heigth		
Footing Depth Below Grade	vapor ketaraer	
Footing Reinforcement-#o.c.	Footing Reinforcement	
Revised 3-1-07 Jaw	. Jamia vanialasinali	Footing Drain Tile System

Dept of Safety & Services	Wisconsin Uniform Building									Application No.								
Industry Services Division				Permit Application														
				tructions on back of second ply. The information you provide may be be be by other government agency programs [(Privacy Law, s. 15.04 (1)(m)]								arcel No.						
PERMIT RI	EQUES	TED	Con	nstr.	HVAC		Elect	ric [Pluml	bing 🔲 E	Erosi	on C	on Control Other:					
Owner's Name				Ma	iling Ado	dress									Tel.			
Contractor Name				Lic	/Cert#	Exp Da	ate	Mailir	ng Address						Teleph	one & E	mail	
Dwelling Contract	tor (Const	r.)																
Dwelling Contr. (Qualifier shall be an Dwelling Contr.)				of the														
HVAC																		
Electrical Contra	ctor																	
Electrical Master	Electriciar	1																
Plumbing																		
PROJECT LOCATION	Lot area	Sq.ft.				Town City of	Villag	ge	1	/4,1/4.	, of Sec	tion _		Т	N, l	R1	E/W	
Building Address			distance	Count	ty				Subdivisio	n Name				Lot N	t No. Block No.			
Zoning District(s)		Zoning	Permit No.		S	etbac	eks:	Front	Rear		Left		t	Righ		· ·	
1. PROJECT			3. OCCI	UPANCY	6. ELE	CTRIC	9). HVA	C EQUIP.	ft. 12. ENERG	Y SOU	ft. J RCE			ft.		ft.	
☐ New ☐ Alteration	Repai	ir	Singl	e Family	Entrance Amps:	e Panel		Furna	ace ant Basebd	Fuel	Nat Gas	Ll	Р	Oil	Elec	Solid	Solar Geo	
Addition	☐ Move	2	Garag	•	Und	erground		Heat		Space Htg			<u> </u>					
		Other:			head Boiler			•	Water Htg]				
Other:			U Otner	ι:						water ritg	_ ⊔	_ _			Ш	L		
	ED (sq ft)			ST. TYPE	7.WAL			☐ Boile: ☐ Centr ☐ Firepl	ral AC	water Hig	<u> </u>	_	<u> </u>					
Other:	TED (sq ft) Unit 2	Total	4. CONS	ST. TYPE Built	7.WAL	LS od Frame		Centr	ral AC lace	13. HEAT I	Loss	-						
☐ Other: 2. AREA INVOLV Unit 1 Unfin.		Total	4. CONS Site-B Mfd. 1	ST. TYPE Built per WI UDC	7.WAL Wood Stee	LS od Frame l		Centr Firepl	ral AC lace r:	13. HEAT I	HR To			ed	Ш			
2. AREA INVOLV Unit 1 Unfin. Bsmt		Total	4. CONS Site-B Mfd. 1	ST. TYPE Built per WI UDC per US	7.WAL	LS od Frame l ber/Pole		Centr Firepl Other	ral AC lace r: WER	13. HEAT I BTU/ Envelope an	HR To	ration l	Losse	ed es (av				
☐ Other: 2. AREA INVOLV Unit 1 Unfin.		Total	4. CONS Site-B Mfd. 1	ST. TYPE Suilt per WI UDC per US	7.WAL Wood Stee	LS od Frame l ber/Pole		Centr Firepl Other	ral AC lace r: WER	13. HEAT I	HR To	ration l	Losse	ed es (av				
Other: 2. AREA INVOLV Unit 1 Unfin. Bsmt Living		Total	4. CONS ☐ Site-B ☐ Mfd. 1 ☐ Mfd. 1	Built per WI UDC per US CRIES	7.WAL	LS od Frame l ber/Pole		Centr Firepl Other	ral AC lace r: WER icipal	13. HEAT I BTU/ Envelope an	HR To d Infilt ating L	ration l oad" o	Losse n Res	ed es (av	k report)			
Other: 2. AREA INVOLV Unit 1 Unfin. Bsmt Living Area Garage Deck/		Total	4. CONS Site-B Mfd. 1 HUE 5. STOR	ST. TYPE Built per WI UDC per US D RIES	7.WAL	LS od Frame 1 ber/Pole er: sonal		Centr Firepl Other	ral AC lace r: VER icipal ary Permit#	13. HEAT I BTU/ Envelope an Building He	HR To d Infilt ating L	ration l oad" o	Losse n Res	ed es (av	k report)			
Other: 2. AREA INVOLV Unit 1 Unfin. Bsmt Living Area Garage		Total	4. CONS Site-B Mfd. 1 Mfd. 1 HUD 5. STOR 1-Sto	ST. TYPE Built per WI UDC per US O RIES ory ory	7.WAL Wood Stee ICF Timb Othe 8. USE Seas	ber/Pole er:		Centr Firepl Other Other Muni Sanita Mun Mun	ral AC lace r: WER icipal ary Permit# TER	13. HEAT I BTU/ Envelope an Building He	HR To d Infilt ating L	ration l oad" o	Losse n Res	ed es (av	k report)			
Other: 2. AREA INVOLV Unit 1 Unfin. Bsmt Living Area Garage Deck/ Porch Totals	Unit 2		4. CONS Site-B Mfd. 1 HUL 5. STOR 1-Sto 2-Sto Other	Built per WI UDC per US DO RIES Pry	7.WAL Woo Stee ICF Timi Othe 8. USE Perm Othe	LS od Frame l ber/Pole er: conal manent er:	1 - 1	Centre Control	ral AC lace r: WER icipal ary Permit# TER icipal	13. HEAT I BTU/ Envelope an Building He 14. EST. BU	HR To d Infilt ating L	ration l oad" or	Losse n Res	ed es (av schecker)	k report)		al	
Other: 2. AREA INVOLV Unit 1 Unfin. Bsmt Living Area Garage Deck/ Porch Totals I understand that I:	Unit 2	o all applica	4. CONS	ST. TYPE Built per WI UDC per US O RIES ory ory r: ment laws, statute	7.WAL	LS od Frame l ber/Pole er: conal nanent er:		Centre Control	ral AC lace r: WER icipal ary Permit# TER icipal Site Well e described o	13. HEAT I BTU/ Envelope an Building He 14. EST. BU	HR Tod Infilt ating L	ration load" or	Losse n Res	ed es (av schecker)	AND s form; a	ım subjec	al et to any	
Other: 2. AREA INVOLV Unit 1 Unfin. Bsmt Living Area Garage Deck/ Porch Totals I understand that I: conditions of this p information is accurate.	unit 2 am subject termit; under rate. If one a	o all applica	4. CONS Site-B Mfd. 1 HUE 5. STOR 1-Sto 2-Sto Other Baser able codes, ne issuance of soil will	ST. TYPE Built per WI UDC per US ORIES ORY ment laws, statute of this permil	7.WAL Woo Stee ICF Timi Othe 8. USE Perm Othe s and ordit creates r d, I unders	LS od Frame l ber/Pole er: sonal manent er: nances, ir no legal li stand that	1 C C C C C C C C C C C C C C C C C C C	Centre Firepl Other Other Other Muni Sanita Mun On-S ng those c, expre- roject is	ral AC lace r: WER icipal ary Permit# TER icipal Site Well e described of the sess or implied as subject to compare the session of the sess	13. HEAT I BTU/ Envelope an Building He 14. EST. BU \$ In the reverse so the state of the state	HR Tod Infilt ating L	ration load" on NG CC	DST v	ed ss (av //o L	AND s form; a ify that a n control	ım subjec ıll the ab l and stor	al et to any ove mwater	
Other: 2. AREA INVOLV Unit 1 Unfin. Bsmt Living Area Garage Deck/ Porch Totals I understand that I: conditions of this p information is accumanagement and the permission to enter	Unit 2 am subject termit; under ate. If one a e owner sha the premise	o all applica stand that there or more ill sign the sign that the sign	4. CONS Site-B Mfd. 1 Mfd. 1 HUE 5. STOR 2-Sto Other Baser able codes, ne issuance of soil will tatement of this permit	Built per WI UDC per US PRIES Pry ment laws, statute of this permit li be disturbed in the back of this sought at a	7.WAL Woo Stee ICF Timi Othe 8. USE Seas Pern Othe s and ordinit creates r d, I understhe permitall reasons	LS od Frame l ber/Pole er: sonal manent er: nances, ir no legal li stand that t if not sig able hours	1 C C C C C C C C C C C C C C C C C C C	Centr Firepl Other	ral AC lace r: WER icipal ary Permit# TER icipal Site Well e described of session of implied session of im	13. HEAT I BTU/ Envelope an Building He 14. EST. BU \$ on the reverse s I, on the state o h. NR 151 reg grant the building se to inspect the	HR Tod Infilt ating L	ration load" or NG CC	ply or the or the h is b	ed es (av check of this cert rosion e inspecing	AND s form; a fify that an control pector's a done.	um subjec all the ab I and stor authorize	al et to any ove mwater	
Conter: 2. AREA INVOLV Unit 1 Unfin. Bsmt Living Area Garage Deck/ Porch Totals I understand that I: conditions of this pinformation is accumanagement and the permission to enter I vouch that I a	Unit 2 am subject termit; under ate. If one ate owner shatthe premise m or will b	o all applica stand that there or more ll sign the sign that	4. CONS Site-B Mfd. 1 HUE 5. STOR 1-Sto Other Baser able codes, ne issuance of soil will tatement of this permit occupant	Built per WI UDC per US PRIES Pry ment laws, statutes of this permit the back of this sought at a of this dwell	7.WAL Woo Stee ICF Timi Othe 8. USE Seas Pern Othe s and ordinit creates r d, I understhe permitall reasona	LS od Frame l ber/Pole er: sonal manent er: nances, ir no legal li stand that t if not sig able hours hich I am	1 C C C C C C C C C C C C C C C C C C C	Centr Firepl Other Other Other Other Other It. WA Muni On-S ng those y, express roject is below. For any pying fo	ral AC lace r: WER icipal ary Permit# TER icipal Site Well e described of session implied se	13. HEAT I BTU/ Envelope an Building He 14. EST. BU \$ on the reverse s I, on the state o h. NR 151 reg grant the buildi use to inspect the control or co	HR Tod Infilt ating L JILDIN side of for municarding ing ing ing instructions	ration load" or NG CC	ply corthen is b	ed es (av check of this cert rosion e inspecing	AND s form; a fify that an control pector's a done.	um subjec all the ab I and stor authorize	al et to any ove mwater	
Other: 2. AREA INVOLV Unit 1 Unfin. Bsmt Living Area Garage Deck/ Porch Totals I understand that I: conditions of this p information is accumanagement and the permission to enter	am subject termit; under ate. If one ate owner shather premise mor will becation and	to all applica estand that theore or more ill sign the sign the sign the howner e an owner have read to	4. CONS Site-B Mfd. HUE 5. STOR 2-Stor Other Baser able codes, ne issuance of soil witatement of this permit occupant the caution	Built per WI UDC per US per US per Will	7.WAL Woo Stee ICF Timl Othe 8. USE Seas Pern Othe s and ordine creates red, I understhe permitall reasonating for wint regard	LS od Frame l ber/Pole er: conal manent er: mances, ir no legal li stand that t if not sig able hours hich I am ing contr	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Centre Firepl Other Other Other Other Muni Sanita II. WA Mun On-S ng those roject is below. for any pying for respon	ral AC lace r: WER icipal ary Permit# TER icipal Site Well e described of subject to control of the proper purponer an erosion assibility on t	\$ sun the reverse so the NR 151 registration to the second page.	HR Todd Infilt ating L	che last cipality additio pector, c which	ply corthon is bermit	of this description of the control of the control of this description of the control of the cont	s form; a ify tontro occurry a done.	um subjec all the ab I and stor authorize	al al t to any ove mwater d agent,	
Other: 2. AREA INVOLV Unit 1 Unfin. Bsmt Living Area Garage Deck/ Porch Totals I understand that I: conditions of this p information is accumanagement and the permission to enter I vouch that I a Contractor Certifit APPLICANT	am subject termit; under rate. If one are owner shatthe premise mor will b cation and	to all applicate and that the acre or more all sign the sign the sign the an owner have read to	4. CONS Site-B Mfd. HUE 5. STOR 1-Stor Other Baser able codes, ne issuance of soil with tatement of this permit occupant the caution.	Built per WI UDC per US PRIES Pry Priment I laws, statutes of this permit Il be disturbed in the back of this sought at a of this dwell hary statemes	7.WAL Woo Stee ICF Timl Othe 8. USE Seas Pern Othe s and ordinit creates rd, I understhe permitall reasonaing for wint regard	LS od Frame l ber/Pole er: sonal manent er: nances, ir no legal li stand that t if not sig able hours hich I am ing contr Sign: t to the fo	ncludir iability this principle is and for apply ractor	Centre Firepl Other Other Other Other Muni Sanita II. WA Mun On-S ng those A, expres roject is below. for any pying for respon	ral AC lace r: WER icipal ary Permit# TER icipal Site Well e described of sess or implied so subject to continuous and the series of the ser	BTU/Envelope an Building He. 14. EST. BU \$ on the reverse s l, on the state of h. NR 151 regrant the building se to inspect the control or cohe second page.	HR Todd Infilt ating L UILDIN side of for municarding insigning instructions of the contractions of the contraction of the contractio	the last cipality addition pector, c which tion peis form	ply cy; and en or the hais bermit.	of this description of the control o	s form; a ify that a contro opector's a clone.	um subject all the ab l and stor authorized welling	al al t to any ove mwater d agent,	
Other: 2. AREA INVOLV Unit 1 Unfin. Bsmt Living Area Garage Deck/ Porch Totals I understand that I: conditions of this p information is accumanagement and the permission to enter ☐ I vouch that I a Contractor Certifit APPLICANT APPROVAL	unit 2 The subject to the subject t	o all application and that the acre or more all sign the sign the an owner have read to	4. CONS Site-B Mfd. HUE 5. STOR 1-Stor Other Baser able codes, ne issuance of soil with tatement of this permit occupant the caution.	Built per WI UDC per US ORIES Ory r: ment laws, statute of this permill be disturbed it is sought at a of this dwell hary stateme remit is issue t or other pen	7.WAL Woo Stee ICF Timi Othe 8. USE Pern Othe s and ordirit creates r d, I understhe permitall reasonating for wint regard	Description of the following control of the fo	ncludir iability this principle is and for apply ractor	Centre Firepl Other Other Other Muni Sanita II. WA Mun On-S ng those y, expre- roject is below. For any pying for respondance of resp	ral AC lace r: WER icipal ary Permit# TER icipal Site Well e described of sess or implied so subject to continuous and are resion and are resion as in the continuous and are resionable as in the continuou	BTU/Envelope an Building He. 14. EST. BU \$ on the reverse so h. NR 151 regurant the building se to inspect the control or cooke second page.	HR Tod Infilt ating L JILDIN side of the or municarding insign insign insign instruction of the work and the work and the work are of the may res	the last cipality addition petion pet	ply constant ply c	ed ss (av scheel w/o L of this d cert rosion e inspecing o with	s form; a ify that a n control pector's a done.	am subjection and store authorized welling cation of	al et to any ove mwater d agent,	
Other: 2. AREA INVOLV Unit 1 Unfin. Bsmt Living Area Garage Deck/ Porch Totals I understand that I: conditions of this p information is accumanagement and the permission to enter I vouch that I a Contractor Certifit APPLICANT	unit 2 am subject the termit; under trate. If one are owner shatthe premise mor will be cation and the (Print:) CONDI	o all applica stand that there or more all sign the sign the sign the ean owner have read to the standard of t	4. CONS Site-B Mfd. HUE 5. STOR 1-Stor Other Baser Baser able codes, ne issuance of soil wittenent of this permit occupant the caution.	Built per WI UDC per US PRIES Pry Priment I laws, statutes of this permit Il be disturbed in the back of this sought at a of this dwell hary statemes	7.WAL Woo Stee ICF Timi Othe 8. USE Seas Pern Othe s and ordirect creates red, I understhe permital reasonating for wint regard	Description of the following control of the fo	ncludir iability this principle is and for apply ractor	Centre Firepl Other Other Other Muni Sanita II. WA Mun On-S ng those y, expre- roject is below. For any pying for respondance of resp	ral AC lace r: WER icipal ary Permit# TER icipal Site Well e described of sess or implied sess or implied sess or implied so subject to cell 1 expressly seproper purpour an erosion in sibility on tellitions. Failuponditions of Contracted 1	BTU/Envelope an Building He. 14. EST. BU \$ on the reverse so h. NR 151 regurant the building se to inspect the control or cooke second page.	HR Tod Infilt ating L JILDIN side of the or municarding insign insign insign instruction of the work and the work and the work are of the may res	the last cipality addition petion pet	ply constant ply c	ed ss (av scheel w/o L of this d cert rosion e inspecing o with	s form; a ify that a n control pector's a done.	um subject all the ab l and stor authorized welling	al et to any ove mwater d agent,	
Z. AREA INVOLV Unit 1 Unfin. Bsmt Living Area Garage Deck/ Porch Totals I understand that I: conditions of this p information is accumanagement and the permission to enter I vouch that I a Contractor Certific APPLICANT APPROVAL ISSUING	unit 2 am subject the termit; under trate. If one are owner shatthe premise mor will be cation and the (Print:) CONDI	to all applicate stand that the acre or more all sign the set of the an owner have read to the acre of	4. CONS Site-B Mfd. HUE 5. STOR 1-Stor Other Baser Baser able codes, ne issuance of soil wittenent of this permit occupant the caution.	Built per WI UDC per US PRIES Pry Pry Pr: Ilaws, statute of this permill be disturbed in the back of this sought at a of this dwell pary statement I county County	7.WAL Woo Stee ICF Timl Othe 8. USE Pern Othe s and ordirit creates rid, I understhe permitall reasonaing for wint regard d pursuanalty. of	LS d Frame l ber/Pole er: sonal manent er: nances, ir no legal li stand that t if not sig able hours hich I am ing contr Sign: t to the fo See atta	neludir iability this prigning to sand fin apply ractor	Centre Firepl Other Other Other Other Other Other Other Muni Sanita II. WA Mun On-S Ing those Ing t	ral AC lace r: WER icipal ary Permit# TER icipal Site Well de described of the service of the	BTU/Envelope an Building He. 14. EST. BU \$ on the reverse so h. NR 151 regurant the building se to inspect the control or cooke second page.	WHR Todd Infilt ating L UILDIN side of tor municarding insigns insigns instruction of the may reserved.	che last cipality addition per is formulation si cipality altin s	ply constant ply c	ed ss (av scheel w/o L of this d cert rosion e inspecing o with	s form; a ify that a n control pector's a done.	am subjection and store authorized welling cation of	al et to any ove mwater d agent,	
Other: 2. AREA INVOLV Unit 1 Unfin. Bsmt Living Area Garage Deck/ Porch Totals I understand that I: conditions of this p information is accumanagement and the permission to enter I vouch that I a Contractor Certification APPLICANT APPROVAL ISSUING JURISDICTI FEES: Plan Review	unit 2 Unit 2 am subject the termit; under tate. If one are owner shathe premise the premise the tation and the (Print:) CONDI	o all applica stand that there or more all sign the sign the sign the ean owner have read to the standard of t	4. CONS Site-B Mfd. HUE 5. STOR 1-Stor Other Baser Baser able codes, ne issuance of soil wittenent of this permit occupant the caution.	Built per WI UDC per US O RIES Ory r: ment laws, statute of this permil lbe disturbed it is sought at a of this dwell hary stateme: corother pen	7.WAL Woo Stee ICF Timl Othe 8. USE Seas Pern Othe s and ordinit creates rd, I understhe permit all reasona ing for wint regard d pursuan alty. of	LS d Frame l ber/Pole er: sonal manent er: nances, ir no legal li stand that t if not sig able hours hich I am ing contr Sign: t to the fo See atta	neludir iability this prigning to sand fin apply ractor	Centre Firepl Other Other Other Other Other Other Other Muni Sanita II. WA Mun On-S ng those c, expres roject is below. For any pying for respon State- Agend	ral AC lace r: WER icipal ary Permit# TER icipal Site Well de described of session implied in subject to contracted in the contracted in	\$ superior of approval.	wide of side of or muniarding insign insign instructions of the may res	the last cipality addition per is form ult in s	ply of ply of ply of the ply of t	ed ed es (av of this ed ed ed es (av of this ed	s form; a iffy that a n contro sector's a done. sout a D Control or revoc	am subject all the abland store authorized welling	al et to any ove mwater d agent,	
Other: 2. AREA INVOLV Unit 1 Unfin. Bsmt Living Area Garage Deck/ Porch Totals I understand that I: conditions of this p information is accumanagement and the permission to enter I vouch that I at Contractor Certification APPLICANT APPROVAL ISSUING JURISDICTI FEES: Plan Review Inspection	unit 2 am subject the termit; under trate. If one are owner shatthe premise mor will becation and (Print:) CONDI S \$	o all applica stand that there or more all sign the sign the sign the ean owner have read to the standard of t	4. CONS Site-B Mfd. HUE 5. STOR 1-Stor Other Baser Baser able codes, ne issuance of soil wittenent of this permit occupant the caution.	Built per WI UDC per US PRIES Pry T: ment Ilaws, statutes of this permit Il be disturbed in the back of it is sought at a of this dwell hary statemes County State PERMIT(5)	7.WAL Woo Stee ICF Timl Othe Seas Pern Othe Sand orditic creates rid, I understhe permitall reasonating for with the permitalling for	LS d Frame l ber/Pole er: sonal manent er: nances, ir no legal li stand that t if not sig able hours hich I am ing contr Sign: t to the fo See atta	neludir iability this prigning to sand fin apply ractor	Centre Firepl Other Other Other Other Other Other Other Muni Sanita II. WA Mun On-S ng those c, expres roject is below. For any pying for respon State- Agend	ral AC lace r: WER icipal ary Permit# TER icipal Site Well e described of second proper purpor an erosion ansibility on telepoor an erosion of the contracted of the contrac	\$ Some the reverse some the second page and page	WHR Todd Infilt ating L UILDIN Side of for municarding insign insigns of the world and reserved the may reserve the may reserved the may reserve the may r	the last cipality addition pector, c which tion per is form the cipality and the cipality and the cipality and the cipality are the cipality a	ply corrections of the plant of	of this dicert resion with	AND s form; a ify that a n control ector's a done. or revoc of Dwe	am subject all the ab I and stor authorized welling eation of	al et to any ove mwater d agent, this	
Other: 2. AREA INVOLV Unit 1 Unfin. Bsmt Living Area Garage Deck/ Porch Totals I understand that I: conditions of this p information is accumanagement and the permission to enter I vouch that I a Contractor Certification APPLICANT APPROVAL ISSUING JURISDICTI FEES: Plan Review	unit 2 Unit 2 am subject the termit; under tate. If one are owner shathe premise the premise the tation and the (Print:) CONDI	o all applica stand that there or more all sign the sign the sign the ean owner have read to the standard of t	4. CONS Site-B Mfd. HUE 5. STOR 1-Stor Other Baser Baser able codes, ne issuance of soil wittenent of this permit occupant the caution.	Built per WI UDC per US O RIES Ory r: ment laws, statute of this permil lbe disturbed in the back of it is sought at a of this dwell hary stateme: County State PERMIT(i	7.WAL Woo Stee ICF Timl Othe 8. USE Seas Perm Othe s and ordiner creates red, I understhe permitall reasonating for wint regard Of SISSUE SISSUE	Description of the following control of the fo	neludir iability this prigning to sand fin apply ractor	Centre Firepl Other Other Other Other Other Other Other Muni Sanita II. WA Mun On-S ng those c, expres roject is below. For any pying for respon State- Agend	ral AC lace r: WER icipal ary Permit# TER icipal Site Well de described of the service of the	\$ son the reverse son the reverse son the reverse son the state of the NR 151 regardent the building set to inspect the control or c	WHR Todd Infilt ating L UILDIN Side of for municarding inspine world in the world	the last cipality addition per is form ult in s	ply corrections of the plant of	ed ed ss (av scheel fthis d cert rosion e inspecing (with	AND s form; a ify that a n control octor's a done. out a D or revoor	am subject all the ab and stor authorized welling	al al et to any ove mwater d agent, this	
Other: 2. AREA INVOLV Unit 1 Unfin. Bsmt Living Area Garage Deck/ Porch Totals I understand that I: conditions of this p information is accumanagement and the permission to enter I vouch that I at Contractor Certification APPLICANT APPROVAL ISSUING JURISDICTI FEES: Plan Review Inspection Wis. Permit Seal	unit 2 am subject the termit; under tate. If one are owner shathe premise mor will becation and (Print:) CONDI S \$ \$	o all applica stand that there or more all sign the sign the sign the ean owner have read to the standard of t	4. CONS Site-B Mfd. HUE 5. STOR 1-Stor Other Baser Baser able codes, ne issuance of soil wittenent of this permit occupant the caution.	Built per WI UDC per US per US per WI UDC per US per US per WI UDC per US per U	7.WAL Woo Stee ICF Timl Othe Seas Pern Othe Sand ordirit creates rid, I understhe permitall reasonating for with the permitalling for with the permitall	Deer/Pole er: sonal manent er: mances, ir no legal li stand that t if not sigable hours hich I aming contret to the fo See atta	neludir iability this prigning to sand fin apply ractor	Centre Firepl Other Other Other Other Other Other Other Muni Sanita II. WA Mun On-S ng those c, expres roject is below. For any pying for respon State- Agend	ral AC lace r: WER icipal ary Permit# TER icipal Site Well e described of subject to contracted of the contracted of t	\$ substitute of the second page of approval. Table 13. HEAT I Envelope an Building Heat 14. EST. BU 14. EST. BU 14. EST. BU 14. EST. BU 15. Inspection of the second page of approval. Inspection 16. Inspection of approval. 17. Inspection of approval. 18. Inspection of approval.	WHR Todd Infilt ating L. UILDING Side of for municarding insigned working insigned by the may resemble of the may resemble o	che last cipality addition pector, c which tion per is form the cipality and the cipality and the cipality and the cipality are the cipality and the cipality are the cipality a	ply corrections of the plant of	of this dicertory with a TI assion	AND s form; a ify that a n control ector's a done. or revoc of Dwe	am subject all the abland storauthorized welling	al al tt to any ove mwater d agent, this	

Cautionary Statement to Owners Obtaining Building Permits

101.65(1r) 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.
 - I vouch that I am or will be 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 above.

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.

Contractor Credential Requirements

All contractors shall possess an appropriate contractor credential issued by the Wisconsin Department of Safety and Professional Services. Contractors are also required to only subcontract with contractors that hold the appropriate contractor credentials.

Contractor credentials processed through the Wisconsin Department of Safety and Professional Services Electronic Safety and Licensing Application (eSLA) may take up to one business day before a permit can be submitted electronically through the Online Building Permit System.

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 and will comply with those standards.
☐ I acknowledge I have read and understood the contents of this page.
Owner's Name:
Owner's Signature:

Date:

IMPORTANT: NOTICE OF REQUIRED INSPECTIONS OF 1 & 2 FAMILY HOMES

PLEASE HAVE THE FOLLOWING ITEMS READY WHEN CONTACTING YOUR INSPECTOR:

PERMIT NUMBER - SITE ADDRESS - INSPECTION REQUEST

Per Wisconsin Administrative Code, SPS 320.10(2)(b)1: The applicant or an authorized representative shall request inspections from the municipality or authorized UDC inspection agency administering and enforcing this code.

Please contact your Building Inspector for the following REQURED INSPECTIONS as they apply to your project with permit number . Remember it is the responsibility of the homeowner, contractor, or other authorized representative to request inspections.

EROSION CONTROL – Erosion control will be inspected concurrently with all other inspections. Prior to any land disturbing construction activity, sediment control practices shall be employed in accordance with the approved plan. The sediment control measures shall be maintained throughout your project and until the disturbed areas have been stabilized by a perennial vegetative cover.
FOOTINGS — Inspection of footings shall be required after forms are in place and prior to pouring concrete. The excavation, soil conditions, form placement, and compliant installation of a drain tile system, if applicable, shall be part of this inspection.
FOUNDATION REINFORCEMENT – If required for Code compliance, the placement of reinforcement, such as rebar mats, shall be inspected prior to the placement of permanent foundation material, such as concrete.
FOUNDATION – The foundation shall be inspected after completion and prior to back-filling. The drain tile system (including aggregate coverage), damp-proofing, placement of the foundation on the footing, exterior insulation, and anchor-bolt placement are included in this inspection.
ELECTRIC SERVICE (Temporary) – Inspecting for ground rods, secure installation, equipment condition, and utility compliance.
ELECTRIC SERVICE (Permanent) – When calling for an electric service (permanent or temporary) inspection, provide the inspector with the utility company name. The utility company will not energize your service without this inspection.
BASEMENT FLOOR AREA – These inspections shall include the following:
 Any UNDERFLOOR PLUMBING, ELECTRICAL or HVAC
• INTERIOR DRAIN TILE SYSTEM, including base course and sump pit
• STRUCTURAL BASE COURSE FOR THE FLOOR, if required
• UNDERFLOOR VAPOR RETARDER
ROUGH CONSTRUCTION – Construction plans with wall-bracing details and truss plans shall be on-site for review by your inspector.
ROUGH PLUMBING – Completed plumbing piping systems with TEST ON will be inspected at this time.
ROUGH ELECTRICAL – Prior to concealment.
ROUGH HEATING, VENTILATING, and AIR-CONDITIONING – Prior to concealment.
NOTE All ROUGHS shall be readily visible and inspected prior to the installation of insulation or any other form of concealment, including, but not limited to, drywall, paneling, ceiling tiles, etc.
INSULATION – An inspection of the insulation, vapor retarders, and air sealing shall be made after they are installed, but prior to being concealed by drywall or other covering.
FINAL INSPECTION – No dwelling shall be occupied nor shall occupancy be granted prior to a final inspection being completed that finds no critical violations of the Code that could reasonably be expected to affect the health and safety of a person using the dwelling. NOTE: Moving and storing furniture and other household items in the house prior to final inspection is prohibited.
FINAL NOTE: Your inspector will make every effort to complete inspections in the timeframe requested. Be aware, however, that the inspector has until the end of the second business day following the day of the request to satisfy a request for inspection. Also be aware that construction may not proceed beyond the point of inspection until the inspection has been completed. With that in mind, you are encouraged to contact your inspector and request your inspection several days prior to the desired day of your inspection to ensure they can

meet your request. Also note that we have the ability to do remote video inspections.

SITE PLAN SKETCH (SCALE: ONE SQUARE = _____FEET)

