

BUILDING INSPECTION: TOWN OF SARATOGA 1120 STATE HWY 73 S WISC RAPIDS, WI 54494 715-325-5204		TOWN OF SARATOGA PERMIT DETACHED GARAGE OR ACCESSORY BLDG.				Application No.	
						Parcel No.	
Owner's Name:		Mailing Address:				Tel.	
Contractor's Name: <input checked="" type="checkbox"/> Con <input type="checkbox"/> Elec <input type="checkbox"/> HVAC <input type="checkbox"/> Plbg		Lic/Cert#	Mailing Address		Tel.		
					FAX		
Contractor's Name: <input type="checkbox"/> Con <input checked="" type="checkbox"/> Elec <input type="checkbox"/> HVAC <input type="checkbox"/> Plbg		Lic/Cert#	Mailing Address		Tel.		
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					FAX		
Contractor's Name: <input type="checkbox"/> Con <input type="checkbox"/> Elec <input type="checkbox"/> HVAC <input checked="" type="checkbox"/> Plbg		Lic/Cert#	Mailing Address		Tel.		
					FAX		
PROJECT LOCATION	Lot area	Sq. ft.	_____ 1/4, _____ 1/4, of Section _____, T _____, N,R _____ E(or)W				
Building Address:				Lot No.	Block No.		
Zoning District(s)	Zoning Permit No.	Setbacks:	Front _____ ft.	Rear _____ ft.	Left _____ ft.	Right _____ ft.	
PROJECT DESCRIPTION							
Structures over 100 square feet: \$0.11 per square foot \$44.00 minimum				PROJECT COST:			
I agree to comply with all applicable codes, statutes and ordinances and with the conditions of this permit; understand that the issuance of the permit creates no legal liability, express or implied, on the state or municipality; and certify that all the above information is accurate. 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.							
APPLICANT'S SIGNATURE				DATE SIGNED			
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.							
ISSUING JURISDICTION		<input checked="" type="checkbox"/> Town <input type="checkbox"/> Village <input type="checkbox"/> City <input type="checkbox"/> State of:			Municipality Number of Dwelling Location		
		Saratoga					
FEES:		PERMIT(S) ISSUED	WIS PERMIT SEAL #	PERMIT ISSUED BY:			
Plan Review \$ _____	Inspection \$ _____	Wis. Permit Seal \$ _____	Other \$ _____	Total \$ _____	<input checked="" type="checkbox"/> Construction <input type="checkbox"/> HVAC <input type="checkbox"/> Electrical <input type="checkbox"/> Plumbing <input type="checkbox"/> Erosion	NAME _____ DATE _____ TELE. NO: 715-459-8650 Cert. No. _____	

CONSTRUCTION REQUIREMENTS

Private garages and accessory buildings shall be built in accordance with the Wisconsin Uniform Dwelling Code as follows:

1. SPS 321.203(1) Garage floors shall be constructed of concrete or other noncombustible materials which are impermeable to petroleum products. Slab-on-grade concrete garage floors shall be at least 4 inches thick and placed over at least 4 inches of granular fill.
2. SPS 321.203(2) The garage floor shall slope toward the main exterior garage opening or toward an interior drain. If a floor drain is installed it may be allowed to drain to the ground surface but must discharge thru an approved catch basin per Comm 82.34(4)(b) Plumbing Code.
3. SPS 321.10(2)(g) & (h) Bottom plates of load bearing walls on slab floors and bottom plates of garage walls that rest on concrete or masonry and are within 8 inches of exterior grade shall be pressure treated or naturally decay resistant.
4. SPS 321.15(3) **SOIL-BEARING CAPACITY.** No footing or foundation shall be placed on soil with a bearing capacity of less than 2,000 pounds per square foot unless the footing or foundation has been designed through structural analysis. The soil-bearing values of common soils may be determined through soil identification.
5. SPS 321.16 **Frost Protection.** (1) **GENERAL.** (a) Except as allowed under sub. (2), footings and foundation, including those for ramps and stoops, shall be placed below the frost penetration level or at least 48 inches below adjacent grade, whichever is deeper. (b) Footings may not be placed on frozen material. (2) **EXCEPTIONS.** (a) Frost protected shallow foundations shall be designed in accordance with ASCE-32 as adopted in Table SPS320.24-5.
6. SPS 321.02(1)(c) Buildings shall be designed and constructed to withstand a horizontal and uplift pressure of 20 pounds per square foot acting over the surface area. Typically, this means the building needs to be anchored down.
7. SPS 321.23(1) All walls shall support all superimposed vertical dead loads and live loads from floors and roofs.
8. SPS 321.27 Roof and roof/ceiling assemblies shall support all dead loads plus the minimum live loads under par. (c) and SPS 321.02.
9. Provide a dimensioned simple drawing of the above items showing doors, windows and a description of the building components to be used.

HEATING REQUIREMENTS

1. SPS 323.04 All heat-producing appliances shall be listed for such installations by a testing agency acceptable to the department.
2. SPS 323.04(6) Appliances installed in garages shall have burners and burner ignition devices located at least 18" above the floor and shall be protected or located so the furnace is not subject to damage from a vehicle.
3. SPS 323.04(2) The use of un-vented furnaces and space heaters fueled by natural gas, kerosene, alcohol or other fuel shall be prohibited due to concerns about oxygen depletion; contamination from carbon monoxide, carbon dioxide, nitrogen dioxide, formaldehyde and other combustion related contaminants; and water vapor buildups.
4. SPS 323.045(2)(b) Solid-fuel burning appliances may not be installed in a garage unless listed for that application.

INSULATION REQUIREMENTS

1. If any type of space heating appliance is installed, even wood burning, then the building shall be insulated to meet the energy requirement of the Uniform Dwelling Code.

ELECTRICAL REQUIREMENTS

1. Electrical feeder panels shall comply with code and have two 5/8" ground rods installed a minimum of 6' apart with un-spliced # 4 copper ground wire.
2. All outlets are to be GFCI protected except single outlets dedicated to a specific use.
3. An electrical disconnect is required at the service wire entrance to the building that will shut off all power to the building.
4. If the building is to have only one 110-volt circuit, it is acceptable to run UF underground wire from the house to the garage but the wire must have separate neutral and ground conductors, such as # 12-2 with ground or # 10-2 with ground. In this case the ground rods may be deleted but the disconnect is still required where the service wire enters the building.