BUILDING PERMIT/APPLICATION

Reroofing/Residing/Windows/Doors

City of Wabasha, 651.565.4568

PERMIT # _____

----------APPLICANT COMPLETE INFORMATION BELOW----------

Project Address: _____PID # _____
Legal Description:_____
Property Owner: _____ Phone _____
Address: _____ City: _____ Zip: _____
General Contractor: _____ License #: _____ Phone: _____
( ) Reactivation of Reroofing/Residing Permit # _____
Use of Structure [Check One]: _____ Dwelling Re-roof: _____ Garage Re-roof:
_____ Shed Re-roof: _____ Business/Commercial Re-roof:
Use of Structure [Check One]: _____ Dwelling Window/Door Replacements
(Complete Units only/Not window inserts)
Use of Structure [Check One]: _____ Dwelling Siding: _____ Garage Siding:
_____ Shed Siding: _____ Business/Commercial Siding:

This permit becomes null and void if work or construction authorized is not commenced within 180 days, or if construction or work is suspended or abandoned for a period of 180 days at any time after work has commenced. I hereby certify that I have read and examined this application and know the same to be true and correct. All provisions of laws and ordinances governing this type of work will be complied with whether specified herein or not. The granting of a permit does not presume to give authority to violate or cancel the provisions of any other state or local law regulating construction or the performance of construction.

Name [please print]: _____ Address:_____

City: _____ Zip: _____Phone: _____

Signature: _____Date: _____

----------CITY USE ONLY----------

PLANNING: Zoning District: ____ Floodplain ____ (Mississippi Pool #4: ____ Brewery Creek: _____)

ZONING APPROVED BY: _____Date: _____

BUILDING APPROVED BY: _____ ***Date:*** _____

---------- FEES ----------

Fee based on Valuation: ☐ Valuation Amount $_____

☐ Permit Fee: $_____Plan Review Fee: $_____State Surcharge:$____ Total: $_____
☐ Fixed Amount
☐ Reroofing Permit Fee: $ 50.00 State Surcharge:$ 5.00 Total: $ 55.00
☐ Siding Permit Fee: $ 50.00 State Surcharge:$ 5.00 Total: $ 55.00
☐ Windows/Door Replacement Permit Fee: $ 50.00 State Surcharge:$ 5.00 Total: $ 55.00
☐ Reactivation Fee (only): $ 25.00 State Surcharge:$ 5.00 Total: $ 30.00

(Add together all that apply from above)

TOTAL DUE: **$_____**

Paid: ( )

Date Issued: _____

Issued By: _____

Call CMS for Inspections at 1.800.940.2547

PROPERTY OWNER

BUILDING PERMIT APPLICANT

SELF – WAIVER FORM

I, understand that the State of Minnesota requires that all Residential Building Contractors, Remodelers, Roofers, Mechanical and Plumbing Contractors obtain a state license unless they qualify for a specific exemption from the licensing requirements. This license requirement applies to owners of residential real estate who build or improve such property for purposes of speculation or resale.

By signing this document, I attest to the fact that I am improving this house for my own use and am not building or improving this house for the purpose of reselling it. I hereby claim to be exempt from the state licensing requirements because I am not in the business of building or remodeling on speculation or for resale and that the house for which I am applying for this permit, located at _____, is the first residential structure I have built or improved in the past 24 months. I also acknowledge that because I do not have a state license, I forfeit any mechanic's lien rights to which I may otherwise have been entitled under Minn. Stat 514.01.

Furthermore, I acknowledge that I may be hiring independent contractors to perform certain aspects of the construction or improvement of this house and I understand that some of these contractors may be required to be licensed by the State of Minnesota. I understand that unlicensed residential contracting; remodeling; and/or roofing activity is a misdemeanor under Minn. Stat. §326B.082, subd.16 and can also result in a fine of up to $10,000. I further state that I understand that filing of a false statement with the City of Wabasha may also result in criminal prosecution and/or civil penalties pursuant to applicable city ordinances and/or state statutes.

I have also been informed and acknowledge that by listing myself as the contactor for this project, I alone will be responsible to the City of Wabasha for compliance with all applicable building codes and city ordinances in connection with the work being performed on this property.

_____

Print name - Owner

_____

Signature - Owner

_____

Date

To determine whether a particular contractor is required to be licensed, or to check on the licensing status of individual contractors, please call the Minnesota Department of Labor and Industry, Construction Codes and Licensing Division at: (651) 284-5069. The web site is: www.doli.state.mn.us/contrator .

N1101.8 Certificate Builders Name/ Company	Date: _____ Site Address: _____ Contractor Name: _____ License Number: _____

Location	*Type of Insulation*	*Installed R-Value*			*Type*	*Location*	*Size*
				Makeup Air			
Roof/Ceiling							
				Combustion Air			
Walls							
				Water Heating			
Slab-on-Grade							
					Manufacturer	*Model*	
Floor							
				Ducts Outside of Conditioned Spaces			
Rim Joist							
		Interior, Exterior or Integral			*Location*	*R-Value*	
Foundation Wall							
		Interior, Exterior or Integral					

	Average U-Factor	*SHGC (solar heat gain coefficient)*		*Passive*	*Active*
Fenestration			**Radon Control**	☐	☐

	Type	*Input Rating*	*AFUE*	*Manufacturer*	*Model*	*Calculated Heat Loss*
Heating System						

	Type	*Output Rating*	*SEER*	*Manufacturer*	*Model*	*Cooling Load/Heat Gain*
Cooling System						

	Type	*Location*	*Continuous Ventilation*	*Total Ventilation*
Mechanical Ventilation				

MINNESOTA ENERGY CODE REQUREMENTS FOR FOUNDATION INSULATION

EXTERIOR FOUNDATION INSULATION – *GENERAL REQUIREMENTS*	**INTERIOR FOUNDATION INSULATION – *GENERAL REQUIREMENTS***

• Must be of water resistant materials manufactured for its intended use.
• Must be installed according to the manufacturer's specifications.
• Must comply with ASTM C578 (rigid), C1621 (semi-rigid), C1029 (spray-applied), or C1289 (rigid), as applicable.
• Must have a rigid, opaque and weather resistant protective covering to prevent the degradation of the insulation's thermal performance.
  ○ The protective cover must cover the exposed exterior insulation and extend a minimum of 6-inches below grade.
  ○ The insulation and protective covering must be flashed with corrosion resistant flashing applied in such manner as to prevent entry of water into the wall cavity or penetration of water into the building structural frame components.
	• Masonry foundation walls must be drained through the masonry block cores to an approved interior drainage system.
	• If a frame wall is installed it must NOT be in direct contact with the foundation wall, unless the INTERIOR side of the foundation has been WATERPROOFED.
	• Must meet the requirements for rigid interior insulation, spray-applied interior insulation, semi-rigid interior insulation, or unfaced fiberglass batt interior insulation.
	• Must comply with the following interior air barrier requirements:
	  ○ Air barrier to be installed on warm-in-winter side of thermal insulation.
	  ○ Areas of potential leakage in the building thermal envelope shall be caulked, gasketed, weather-stripped, or otherwise sealed with an air barrier material, suitable film or solid material to form an effective barrier between conditioned and unconditioned spaces. The integrity of all air barriers must be maintained. Sealing methods between dissimilar materials must allow for expansion and contraction.

BASEMENT FOUNDATIONS AND CRAWL SPACES – *GENERAL REQUIREMENTS*	**SLAB ON GRADE AND BASEMENT WALK OUT FOUNDATIONS – *GENERAL REQUIREMENTS***
• Must be installed to an R-10. Adding additional insulation to increase R-value or adding adding additional vapor retarder to foundation wall assemblies is prohibited, except for the installation of R-13 when using fiberglass batt insulation on the interior. • Must be insulated from the top of the foundation wall down to the top of the footing or from the top edge of the interior wall to the top of the slab if insulation is on the interior.	• Must be insulated to an R-10. Adding additional insulation to increase R-value or adding additional vapor retarder to foundation wall assemblies is prohibited, except for the installation of R-13 when using fiberglass batt insulation on the interior. • Insulation must extend to the designed frost line (60-inches here) or to the top of footing, whichever is less. • The top edge of the insulation installed between the exterior wall and the edge of the interior slab can be cut at a 45-degree angle away from the exterior wall.
LOCATIONS WHERE THE AIR BARRIER MUST BE SEALED: • Walls, floors, ceilings, overhangs, knee-walls, and floor rim joist areas separating conditioned from unconditioned spaces. • At all joints, seams and penetrations of the building thermal envelope. • At all electrical, plumbing, mechanical and other penetrations of the interior air barrier. • At all interconnections in the thermal envelope between concealed vertical and horizontal spaces such as soffits, drop ceilings, cove ceilings and similar locations.	**LOCATIONS WHERE THE AIR BARRIER MUST BE SEALED: (continued)** • In concealed spaces between stairs, fireplace framing, partition walls, chases, tubs and showers directly adjacent to the building thermal envelope. • At openings between framing members and window and door frames and jams

INTEGRAL FOUNDATION INSULATION	RIGID INTERIOR INSULATION	SPRAY-APPLIED INTERIOR INSULATION	SEMI-RIGID INTERIOR INSULATION	UNFACED FIBERGLASS BATT INSULATION
Integral foundation insulation is an engineered poured wall system with a rigid foam core. Each manufacturer will have specific requirements which must be followed.	• Must comply with ASTM C578 or C1289. • Dampproofing, waterproofing, or a water repellant must be applied to the exposed above grade foundation walls or a layer of dampproofing or waterproofing must be installed on the entire inside surface of the foundation wall. Water repellant materials must comply with ASTM E514. • Must be in contact with the foundation wall surface. • Vertical edges must be sealed with acoustic sealant. • All interior joint, edges and penetrations must be sealed against air and water vapor penetration. • Horizontally continuous acoustic sealant must be installed between the foundation wall and the insulation at the top of the foundation wall. • Horizontally continuous acoustic sealant must be installed between the basement floor and the bottom insulation edge. • The insulation must not be penetrated by the placement of utilities or by fasteners or connectors used to install a frame wall.	**CLOSED CELL POLYURETHANE** • Must comply with ASTM 1029 with a permeance of not greater than 1. • Must be sprayed directly onto the foundation wall surface. • There must be a 1-inch minimum gap between the foundation wall surface and the framing. • The insulation must not be penetrated by the placement of utilities. • All through penetrations must be sealed. **½ LB. FREE RISE OPEN CELL FOAM** • Must be sprayed directly onto the foundation wall surface. • There must be a 1-inch minimum gap between the foundation wall surface and any framing. • The insulation must not be penetrated by the placement of utilities. • All through penetrations must be sealed.	• Must comply with ASTM C1621 with a maximum permeance of 1.1 per inch. • Must have a minimum density of 1.3 pcf and must have a fungal resistance per ASTM C1338. • Must be in contact with the foundation wall surface. • Vertical edges must be sealed with acoustic sealant. • All interior joints, edges and penetrations must be sealed against air and water vapor penetration. • Horizontally continuous acoustic sealant must be installed between the foundation wall and the insulation at the top of the foundation wall. • Horizontally continuous acoustic sealant must be installed between the basement floor and the bottom insulation edge.	• Waterproofing must be applied to the entire inside surface of the foundation wall. • The top and bottom plates must be air sealed to the foundation wall surface and the basement floor. • An air barrier material and vapor retarder material with a minimum permeance of at least 1 according to ASTM E96 to be installed in the following manner: 1) Must be air sealed to the framing with construction adhesive or equivalent at the top and bottom plates and where the adjacent wall is insulated; and 2) Must be air sealed to utility boxes and other penetrations; and 3) All seams must be overlapped at least 6-inches and sealed with compatible sealing tape or equivalent. **NOTE: This is the only application where exceeding R-10 foundation insulation is permitted. In this application, it is allowable to install up to an R-13 fiberglass batt.**

INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT [a]

	Fenestration [b] U-Factor	Skylight U-Factor	Ceiling R-Value	Wood Frame Wall R-Value	Mass Wall R-Value [f]	Floor R-Value	Foundation Wall & Rim Joist R-Value	Slab [c] R-Value & Depth	Crawl Space Wall R-Value
Northern Climate Zone	**0.35**	**0.60**	**44**	**19**	**15**	**30 [d]**	**10**	**10, 5 feet**	**10**
Southern Climate Zone	**0.35**	**0.60**	**38**	**19 or 13 + 5 [e]**	**15**	**30 [d]**	**10**	**10, 3.5 feet**	**10**

Footnotes: (a) R-values are minimums. U-factors are maximums. R-19 shall be permitted to be compressed into a 2 X 6 cavity.
(b) The fenestration U-factor column excludes skylights.
(c) R-5 must be added to the required slab edge R-values for heated slabs.
(d) Or insulation sufficient to fill framing cavity, R-19 minimum.
(e) N/A in Northern Climate
(f) When using log type construction for thermal mass walls, the following will apply: 1) A minimum of a 7-inch diameter log shall be used. 2) The U-value of the fenestration products must be 0.31 overall average, or better.