NEW RESIDENTIAL CONSTRUCTION

BUILDING PERMIT SUBMITTAL REQUIREMENTS

(Please submit all plans electronically to Building@ElkRiverMN.gov)

- Construction Plans
- Certificate of Survey
- New Construction Energy Code Compliance Certificate
- Structure's Calculated Heat Loss and Gain
- Foundation and Floor Blocking Detail
- Wall Bracing Detail
- Exterior Foundation Insulation and Flashing Detail
- Radon Detail
- Septic Design (if septic system is required)
- Frozen Ground Erosion Control Agreement (when applicable)

ADDITIONAL PERMITS REQUIRED

In addition to the Building Permit mentioned above, the following permits must be submitted ***separately*** by the contractor/responsible party:

- Mechanical
- Plumbing
- Sewer & Water or Septic
- Electrical (through the State – http://www.dli.mn.gov/)
- Fireplace (if applicable).

SAC / WAC & WATER METER FEE INFORMATION

The fee for the New Construction Building Permit includes the Sewer Access Charge (SAC), but DOES NOT include the Water Access Charge (WAC) or Water Meter Fee, which are taken care of through Elk River Municipal Utilities. Please contact ERMU at https://www.elkriverutilities.com/ or 763-441-2020 for further information.

ADDENDUM

Please read the following carefully:

- A Building Permit ***will not be issued*** until the construction site has passed an erosion control inspection.
- It is the ***builder's responsibility*** to install and maintain the erosion control measures properly.

New Construction Energy Code Compliance Certificate

Per R401.3 Certificate. A building certificate shall be posted on or in the electrical distribution panel.

Date Certificate Post

Mailing Address of the Dwelling or Dwelling Unit | **City**

Name of Residential Contractor | **MN License Number**

THERMAL ENVELOPE

Insulation Location	Total R-Value of all Types of Insulation	Type: Check All That Apply								
		Non or Not Applicable	Fiberglass, Blown	Fiberglass, Batts	Foam, Closed Cell	Foam Open Cell	Mineral Fiberboard	Rigid, Extruded Polystyrene	Rigid, Isocynurate	Other Please Describe Here
Below Entire Slab										
Foundation Wall										
Perimeter of Slab on Grade										
Rim Joist (1st Floor)										
Rim Joist (2nd Floor+)										
Wall										
Ceiling, flat										
Ceiling, vaulted										
Bay Windows or cantilevered areas										
Floors over unconditioned area										
Describe other insulated areas										

RADON CONTROL SYSTEM

- ☐ Passive (*No Fan*)
- ☐ Active (*With fan and monometer or other system monitoring device.*)

Location (or future location) of Fan:

Building envelope air tightness: | **Duct system air tightness:**

Windows & Doors	
Average U-Factor (*excludes skylights and one door*) U:	
Solar Heat Gain Coefficient (SHGC):	

Heating or Cooling Ducts Outside Conditioned Spaces

- ☐ Not applicable, all ducts located in conditioned space
- ☐ R-value

MECHANICAL SYSTEMS

Appliances	Heating System	Domestic Water Heater	Cooling System
Fuel Type			
Manufacturer			
Model			
Rating or Size	Input in BTUS:	Capacity in Gallons:	Output in Tons:
Efficiency	AFUE or HSPF%		SEER /EER

Residential Load Calculatio	**Heating Loss**	**Heating Gain**	**Cooling Load**

MECHANICAL VENTILATION SYSTEM

Describe any additional or combined heating or cooling systems if installed: (e.g. two furnaces or air source heat pump with gas back-up furnace):

Select Type

☐	Heat Recover Ventilator (HRV) Capacity in cfms:	Low:		High:	
☐	Energy Recover Ventilator (ERV) Capacity in cfms:	Low:		High:	
☐	Balanced Ventilation capacity in cfms:				
	Location of fan(s), describe:				
	Capacity continuous ventilation rate in cfms:				
	Total ventilation (intermittent + continuous) rate in cfms:				

Make-up Air *Select a Type*

- ☐ Not required per mech. code
- ☐ Passive
- ☐ Powered
- ☐ Interlocked with exhaust device. Describe:
- ☐ Other, describe:

Location of duct or system:

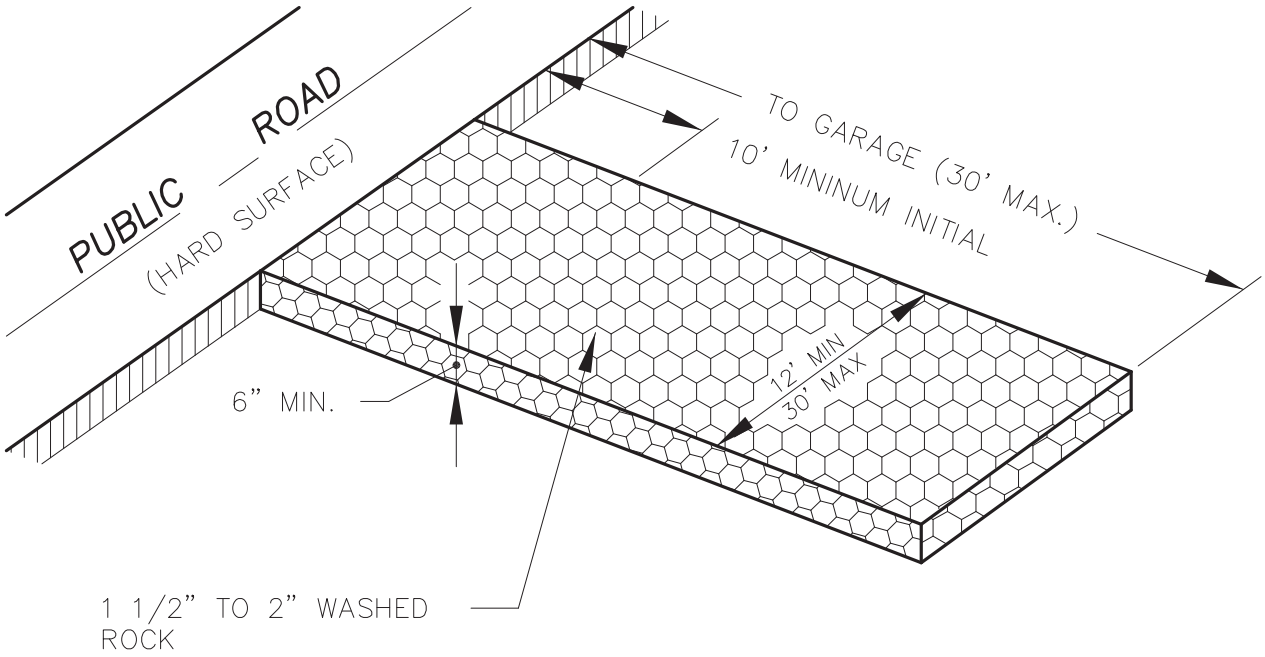
- ☐ Cfm's
- ☐ " round duct OR
- ☐ " metal duct

Combustion Air *Select a Type*

- ☐ Not required per mech. code
- ☐ Passive
- ☐ Other, describe:

Location of duct or system:

- ☐ Cfm's
- ☐ " round duct OR
- ☐ " metal duct



NOTE:

ROCK ENTRANCE NEEDS TO BE INPLACE (MIN 10' IN LENGTH) WITH ENOUGH MATERIAL ON HAND AT SITE TO COMPLETE TO GARAGE AFTER BACKFILL IN ORDER TO PASS INITIAL INSPECTION.

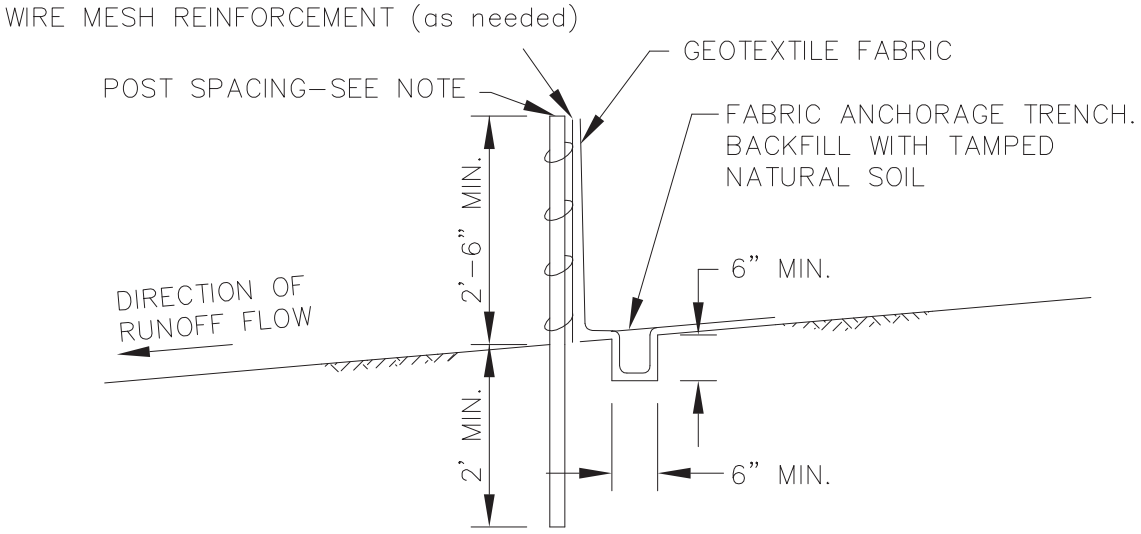
REV: 7/2007

City of Elk River

ROCK CONSTRUCTION ENTRANCE BUILDING PERMIT

STANDARD PLATE NO.

2015



SILT FENCE DETAIL

NOTE:

1. SILT FENCES CONSTRUCTED WITH SUPPORT FENCES, POSTS SHALL BE SPACED AT 10' OR LESS, AND DRIVEN AT LEAST 2' INTO THE GROUND.
2. SILT FENCES CONSTRUCTED WITHOUT SUPPORT FENCES, POST SHALL BE SPACED AT 4' OR LESS, AND DRIVEN AT LEAST 3' INTO THE GROUND.

REV: 7/2007

City of Elk River

STANDARD SILT FENCE

STANDARD PLATE NO.

2009