
PUBLIC SERVICES DIVISION

LAND MANAGEMENT DEPARTMENT

Carver County Government Center
600 East 4th Street
Chaska, MN 55318-2102

Phone: (952) 361-1820
Fax: (952) 361-1828

ITEMS NECESSARY FOR A COMPLETE NEW HOME BUILDING PERMIT APPLICATION

1. Complete the building permit application form (not attached) and submit two sets of detailed structural plans to include a foundation plan, each floor plan, elevations, and a cross-section drawing. One approved plan will be returned when the permit is released.
2. Plot plan showing driveway, well, tank and drainfield locations and the house location showing setbacks from center of road and all lot lines. If available, use a certified survey for the site plan (if parcel is split off another).
3. 2 perc tests and 2 soil borings showing the primary and alternate drainfield sites.
4. On-site sewer design and permit application (installer must sign application before building permit is released).
5. Energy code compliance certificate.
6. Mechanical and plumbing permits. All mechanical equipment, fireplaces and plumbing fixtures must be drawn on the building plans. Complete combustion air worksheet. All State License and Bond Numbers must be provided on the application. All permits for the home will be issued at the same time.
7. Driveway access permit (These are right-of-way access permits only until you receive your building permit)
 - a. Township Road - go to the appropriate Township Clerk
 - b. County Road - go to Public Works Department
 - c. State Highway Department

DO NOT START THE DRIVEWAY UNTIL ALL PERMITS ARE ISSUED.

8. Watershed permit.
 - a. Carver County Watershed Management Organization (CCWMO). If your property is within the CCWMO, a permit from the CCWMO is required for projects installing 1 acre or more of new impervious OR disturbing 1 acre or more of land. Please contact Kristen Larson (952.361.1824) or Paul Moline (952.361.1825) or visit the CCWMO webpage <http://www.co.carver.mn.us/home/showdocument?id=4058> for additional information.
 - b. Minnehaha Creek Watershed District (MCWD). If your property is within the MCWD, a permit may be required. Please contact the MCWD at 952.471.0590 x532 to determine if a permit is required.
 - c. Buffalo Creek Watershed District (BCWD). If your property is within the BCWD, a permit may be required. Please contact the BCWD at 320.292.0772 to determine if a permit is required.
9. Grading or soil excavation plan (including driveway construction).
10. Erosion control plan.
11. Copy of recorded deed. The fee owner must sign the application on a Contract for Deed.

Prior to the issuing of the permit, a pre-construction site inspection will be done by a zoning official from the Land Management Department. The attached sheet titled Site Pre-construction Requirement Checklist shows items that will be looked at during this inspection. The owner or the contractor(s) prior to this inspection must submit items-1 - 7.



Carver County

Application for Building, Plumbing or Mechanical Permits

Phone (952) 361-1820 Fax (952) 361-1828

Public Services Division, Land Management Department
600 East 4th Street, Chaska, MN 55318

Parcel ID # Acres Year Built

LAKETOWN TOWNSHIP - Any additions or new buildings must be submitted to the township
CAMDEN TOWNSHIP - New homes require a permit from the township

Site Address City

Type of Permit Constr. Value \$

FOR OFFICE USE ONLY

FP Yes No SD Yes No Septic Compliance Req'd
Feedlot Yes No Bluff Yes No

THE FOLLOWING INFORMATION MUST BE SUBMITTED WITH ALL BUILDING PERMIT APPLICATIONS UNLESS OTHERWISE ADVISED:

- Req'd Submitted
1. Two sets of structural plans for residential projects; three sets of engineered plans for commercial projects
 2. Site plan showing proposed & existing structure locations & setbacks from center of road and all lot lines; location of driveway, well, & primary and alternate drainfield sites
Proposed Setbacks Front 1 Front 2 Side Side Rear OHW
 3. Percolation tests and soil borings for primary & alternate on-site sewer locations & septic sites roped off
 4. On-site sewer design and permit (installer must sign the application)
 5. Energy code compliance certificate
 6. Mechanical & plumbing information completed
 7. Driveway Access permit: Township Road -> Township Clerk; County Road -> County Hwy. Dept. (County must approve)
 8. Watershed permit
 9. Grading or soil excavation plan (including driveway construction)
 10. Erosion control plan
 11. Copy of recorded deed - fee owner must sign the application on a Contract for Deed

Prior to the issuance of a new home building permit, a pre-construction site inspection will be conducted. The new home packet shows items that will be looked at during this inspection.

NOTICE: Signature of this application by the legal property owner or a licensed contractor as the owner's representative is required and authorizes the Carver County Zoning Administrator or designee and the Carver County Building Official or designee to enter upon the property to perform needed inspections. Entry may be without prior notice. Be prepared to show proof of ownership or licensing.

OWNER'S CURRENT MAILING INFORMATION (if parcel is on a contract for deed, fee owner must sign application)

Name Signature
Address Home Phone
City, State, Zip Work Phone
E-mail/Fax No. Date

Homeowner is the Contractor: Yes No

LICENSED GENERAL CONTRACTOR INFORMATION (Mechanical/Plumbing complete page 2)

Company Name Signature
Address Home Phone
City, State, Zip Work Phone
E-mail/Fax No. License #

I hereby acknowledge that I have read this application and state that all information is true and correct to the best of my knowledge. I further agree that all work performed will be in accordance with approved plans, specifications and conditions, and to abide by all of the ordinances of Carver County and the laws of the State of Minnesota regarding actions taken pursuant to this permit. I agree to pay all plan review fees even if I choose to not proceed with the work. INITIALS REQUIRED FOR ALL PLAN REVIEWS _____

THE FOLLOWING INFORMATION MUST BE FURNISHED FOR ANY MECHANICAL PERMITS (HEATING, AIR CONDITIONING, OR FIREPLACE WORK)

HEATING SYSTEM

Make Model Size (BTU)

Fuel Supply Openings (sq. in.) Return Openings (sq. in.)

Flue Diameter Input (BTU) Output (BTU)

Air Conditioning Yes No Make Model Size (tons)

Bath Vent # Range Hood Vent # In-Floor Heat Yes No Air Exchanger Yes No

Wood Stove Yes No Make Model

of Fireplaces Make/Model Gas Wood

Additional Mechanical Information

COMMERCIAL PROJECT: TOTAL VALUE OF COMMERCIAL MECHANICAL SYSTEMS

MECHANICAL CONTRACTOR INFORMATION

Company Name Signature _____

Address Home Phone

City, State, Zip Work Phone

E-mail/Fax No. Bond #

I hereby acknowledge that I have read this application and state that all information is true and correct to the best of my knowledge. I further agree that all work performed will be in accordance with approved plans, specifications and conditions, and to abide by all of the ordinances of Carver County and the laws of the State of Minnesota regarding actions taken pursuant to this permit.

PLUMBING SYSTEM

Licensed Plumber Name State Plumbers License #

Residential Water Heater Replacement Yes No

Additional Plumbing Information

COMMERCIAL PROJECT: TOTAL VALUE OF COMMERCIAL PLUMBING SYSTEMS

PLUMBING CONTRACTOR INFORMATION

Company Name Signature _____

Address Home Phone

City, State, Zip Work Phone

E-mail/Fax No. Bond #

I hereby acknowledge that I have read this application and state that all information is true and correct to the best of my knowledge. I further agree that all work performed will be in accordance with approved plans, specifications and conditions, and to abide by all of the ordinances of Carver County and the laws of the State of Minnesota regarding actions taken pursuant to this permit.

Carver County Building Code Information

From: Building Officials at Metro West Inspection Services, Inc.

This letter is to provide useful information on applying for a permit, requesting an inspection, provide updated information on building codes and Carver County policies regarding planning and zoning issues.

Current Model Building Code

2020 Minnesota State Building Code

Permits Required

Anyone intending to construct, enlarge, alter, repair, move, demolish or change the occupancy/use of a building must apply for a building permit. Anyone intending to install, enlarge, alter, repair, remove, convert or replace any gas, mechanical or plumbing system, or other equipment, the installation of which is regulated by the code; or cause any such work to be done, shall first make application to the building official and obtain the required permit.

Work Exempt from Permits

A. Building: (1) one-story detached accessory structures used as tool and storage sheds, playhouses, and similar uses, provided the floor area does not exceed 200 sq. feet; (2) fences not over seven feet high; (3) oil derricks; (4) retaining walls that are not over four feet in height measured from the bottom of footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or III-A liquids; (5) water tanks supported directly upon grade if the capacity does not exceed 5,000 gal. and ratio of height to diameter or width does not exceed 2 to 1; (6) sidewalks and driveways that are not part of an accessible route; (7) decks & platforms not more than 30" above adjacent grade and not attached to a structure with frost footings and which is not part of an accessible route; (8) painting, papering, tiling, carpeting, cabinets, countertops and similar finish work; (9) temporary motion picture, television and theater stage sets and scenery; (10) prefabricated swimming pools installed entirely above ground accessory to dwelling units constructed to the provisions of the IRC or R-3 occupancies constructed to the provisions of the IBC, which do not exceed both 5,000 gal. in capacity and a 24" depth; (11) window awnings supported by an exterior wall that do not project more than 54" from the exterior wall and do not require additional support, when constructed under the IRC or Group R-3 and Group U occupancies constructed to the provisions of the IBC; (12) movable cases, counters and partitions not over 5' 9" in height; and (13) swings and other playground equipment.

Unless otherwise exempted, plumbing, electrical, and mechanical permits are required for subitems (1) to (13).

- B. Gas: (1) portable heating, cooking or clothes drying appliances; (2) replacement of any minor part that does not alter approval of equipment or make the equipment unsafe; and (3) portable fuel cell appliances that are not connected to a fixed piping system and are interconnected to a power grid.
- C. Mechanical: (1) portable heating appliances; (2) portable ventilation appliances and equipment; (3) portable cooling units; (4) steam, hot or chilled water piping within any heating or cooling equipment regulated by this code; (5) replacement of any part that does not alter approval of equipment or make equipment unsafe (6) portable evaporative coolers; (7) self-contained refrigeration systems containing ten pounds or less of refrigerant or that are actuated by motors of one horsepower or less; and (8) portable fuel cell appliances that are not connected to a fixed piping system and are not interconnected to a power grid.
- D. Electrical: a municipality must not require an electrical permit if the work falls under the jurisdiction of the commissioner or if the work is exempt from inspection under MN Statutes, Section 326B.36, subdivision 7. This exemption does not exempt the work from other State Building Code requirements relating to electrical equipment.

Application For Permit

All applications for a building permit must be fully completed and include all necessary plans and specifications as required by the County and the Building Official. If you have any questions on what is

needed for submittal documents you can call Metro West Inspection Services, Inc. at (763) 479-1720. An application received that is not complete will delay the review process and issuance of the permit.

Time Limitation Of Application

Applications received that are not complete or completed applications that are not paid for at the Carver County Land Management Department within 180 days after being received shall be considered abandoned and will expire by limitation. Applications being pursued in good faith may be extended if requested in writing and justifiable cause is demonstrated. Once an application has expired, the applicant will be billed and is responsible for paying the plan review fee of the expired application. An applicant may reapply by submitting a new application and paying a new plan review fee.

Expiration Of Permits

If work authorized by a permit is suspended or abandoned for a period of 180 days or not commenced within 180 days after being issued by Carver County, the permit shall become invalid and expire. Once a permit expires the applicant would have to renew the permit at half the cost of the original permit fee plus a \$5.00 state surcharge. Extensions may be granted if requested in writing and justifiable cause is demonstrated.

Changes To The Approved Plans

Changes to the approved plans can only be made by filling out an application at the Carver County Land Management Department and attaching two (2) copies of the revised plans, a copy of the original permit and a copy of the original plan. There will be an additional fee for the review of the revised plans. If you are not sure whether additional plan review is required for the changes, please call the Building Officials at Metro West Inspection Services, Inc. at (763) 479-1720.

Scheduling Inspections

All inspections must be scheduled a minimum of 24 hours in advance. Scheduling on the same day may be possible but are not guaranteed. Inspections can be scheduled by calling (763) 479-1720 Monday through Friday 7:00 to 4:30. It is the responsibility of the permit applicant to schedule all inspections and cause the work to be accessible and exposed for inspection. If the work is not ready at the scheduled inspection time and has to be reinspected as a result, a reinspection fee may apply. The approved plans, inspection card and inspection records must be on-site at the time of the inspection.

Lost Inspection Cards

If the orange inspection card becomes lost or misplaced a new inspection card must be obtained at the Carver County Land Management Department for a fee of \$30.

Refunding Of Fees

The Building Official will determine if a refund is valid upon receiving a written request and where justifiable cause is demonstrated.

Engineered Plans

Certain plans may require to be signed by a structural engineer. The Building Official has the authority to require signed drawings if special conditions exist.

Final Inspection / Certificate Of Occupancy

A final inspection must be completed and a Certificate of Occupancy issued prior to anyone occupying or using a new home. This includes new homes used for sales offices and model homes.

If you have any questions regarding any of the items mentioned in this letter or any other building code related questions, please call the Building Officials at Metro West Inspection Services, Inc. at (763) 479-1720 Monday through Friday 7:00 to 4:30.

BUILDING PERMIT APPLICANT: PROPERTY OWNER

I understand that the State of Minnesota requires that all residential building contractors, remodelers, and roofers obtain a state license unless they qualify for a specific exemption from the licensing requirements. By signing this document, I attest to the fact that I am building or improving this house myself. I hereby claim to be exempt from the state licensing requirements because I am not in the business of building 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. §326.92, subd. 1, and that I would forfeit my rights to reimbursement from the Contractor's Recovery Fund in the event that any contractors I hire are unlicensed.

I also acknowledge that as the contractor on this project, I am solely and personally responsible for any violations of the state building code and/or city ordinance in connection with the work performed on this property.

Signature of Property 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 Commerce, Enforcement Division, at (651) 296-2594, or toll-free at 1-800-657-3602.

RESIDENTIAL NEW HOME CONSTRUCTION CHECKLIST

SITE ADDRESS: _____

PERMIT #: _____

SUBMISSION CHECKLIST

Incomplete applications will not be forwarded to the Building Inspections Department for plan review.

- _____ Completed and Signed Building Permit Application, Plumbing Permit Application and Mechanical/Heating Permit Application, include all Bond Numbers
- _____ Energy Calculations
- _____ Energy Code Worksheets
- _____ 2 Sets of Building Plans (Floor Plans and Elevations)
- _____ 2 Sets of Site Plans illustrating building dimensions, lot lines and setbacks
- _____ Certificate of Grading, if applicable
- _____ Roof Truss Specs, if applicable

ADDITIONAL FEATURE CHECKLIST

Please mark the information that is applicable to your plans.

If any of the items below are added to the plan after the building permit has been issued, it will require an additional permit.

Finished Basement

Unfinished Basement

	Included	Not Included
Deck.....	<input type="checkbox"/>	<input type="checkbox"/>
3-Season Porch.....	<input type="checkbox"/>	<input type="checkbox"/>
Gas Fireplace.....	<input type="checkbox"/>	<input type="checkbox"/>
Quantity: _____		
Masonry/Wood Fireplace.....	<input type="checkbox"/>	<input type="checkbox"/>
In-Floor Heat – Wirsbo.....	<input type="checkbox"/>	<input type="checkbox"/>
Other: _____	<input type="checkbox"/>	<input type="checkbox"/>

FOUNDATION INFORMATION

Typical Footing Size..... x _____

Foundation Type..... Masonry Poured Wall ICF Wood

Foundation Thickness..... 8-inch 10-inch 12-inch Other _____

ICF ONLY..... 5.5-inch 7.5-inch 9.5-inch Other _____

Design Criteria..... Conventional Engineered IRC Tables

Maximum Foundation Wall Height 4' 5' 6' 7' 8' 9' 10' Other _____

Vertical Reinforcement Size and Spacing _____ rebar _____ inch o.c.

Waterproofing/Damp-proofing _____
(Product type)

Foundation Drainage System Type _____

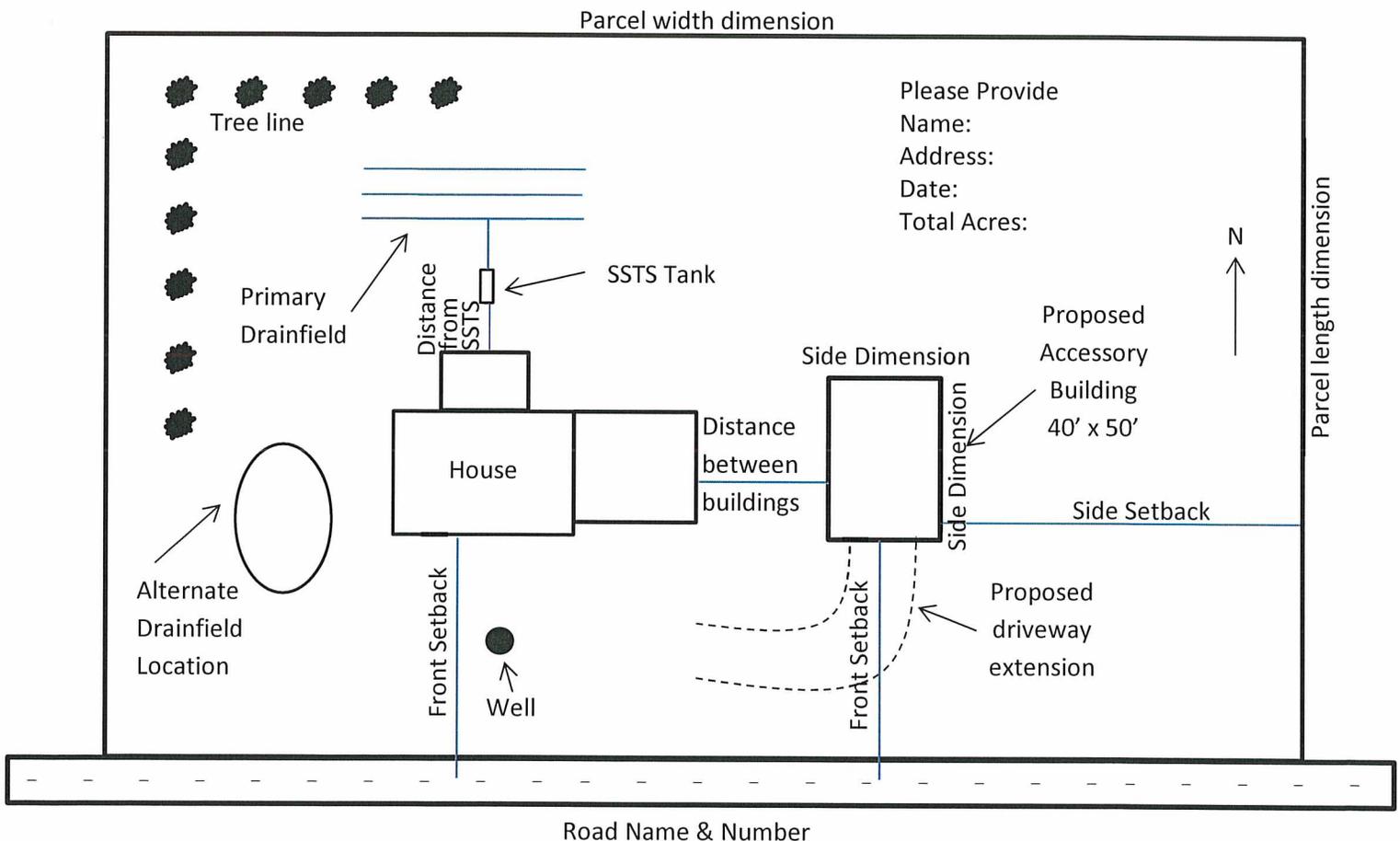
Applicant's Signature

Date

SITE PLAN REQUIREMENTS

When submitting an application, please attach an accurate site plan of your property drawn to scale that includes the following:

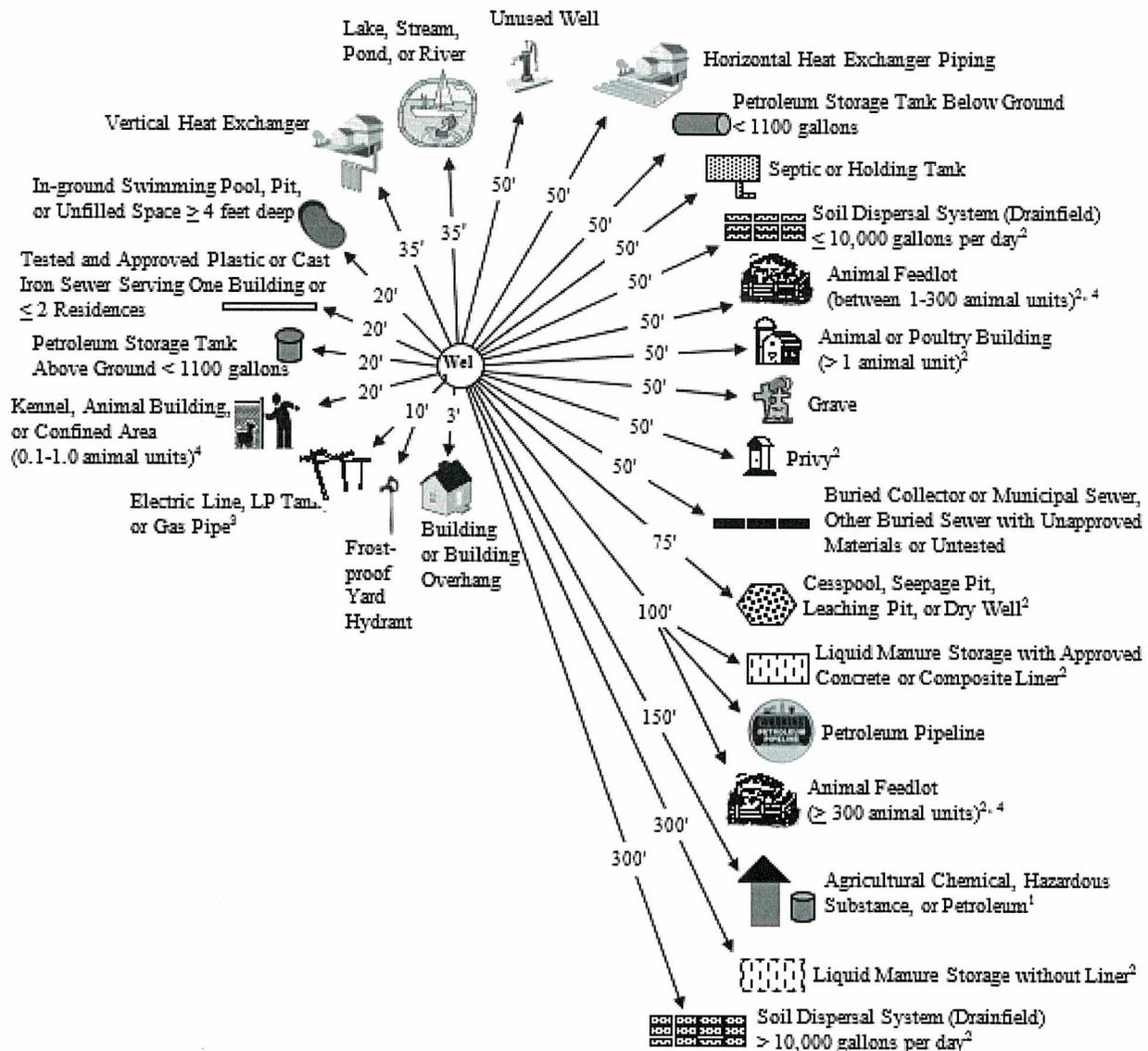
- Dimensions of the parcel
- North arrow
- Locations and dimensions of all **existing** and **proposed** buildings on the parcel (including attached garages). Indicate if you plan to demolish any of the existing buildings by placing an "X" thru the building(s)
- Distances of the proposed building(s) to the following:
 - Property lines (please provide at least the distance to the nearest property line)
 - All existing buildings
 - Adjacent roads (centerline of edge of right-of-way)
 - Open water (including lakes, streams, ditches and/or wetlands)
 - Existing or proposed well
 - Primary and alternate SSTS (Subsurface Sewage Treatment System)
- Location of **existing** and **proposed** driveway and driveway access
- General location of all known easements (public and private)
- Location of all known underground cables, wires, and drainage tiles or systems (if applicable)
- Proposed direction of surface water drainage using arrows
- Sketch in the area that will be used for animal grazing, penning & feeding (if applicable)



Protecting Your Well

Selected Well Isolation Distance Requirements

(See Minnesota Rules, chapter 4725 for a complete list of requirements.)



¹ If safeguards are provided, the minimum distance may be shortened. Consult Minnesota Rules, chapter 4725.

² A water-supply well that has less than 50 feet of watertight casing and is not cased through a confining layer, such as a clay layer, at least 10 feet thick is considered to be a “sensitive water-supply well,” and must be located at least twice the indicated distance from the potential contaminant source.

³ A well between 5 and 10 feet from an electric transmission line, a gas pipe, or a liquid propane (LP) tank must be placarded, and work must not be performed on the well unless the line is deenergized and grounded or shielded, and the LP tank does not contain flammable gas.

⁴ “Animal unit” is the average weight of the animal, divided by 1,000, and is equal to one slaughter steer or one horse.

This fact sheet provides information to assist you in protecting your well. A well provides a reliable, safe source of drinking water when the well is properly located, constructed, and maintained. You can ensure the safety of your drinking water by testing the water periodically, keeping potential sources of contamination away from the well, and sealing unused wells.

Casing Damage: Be careful not to bump the well while working with trucks, equipment, lawn mowers, or snow plows. Bumping the well can crack the well casing, connections, or the grout seal around the well. Such damage may allow contaminants to enter the well. If a well is located in a high traffic area, protect it by placing three steel posts around it. Place flags or reflectors on protective posts or the well casing to increase the visibility of the well.

Hazardous Chemicals: Store agricultural chemicals at least 150 feet away from the well unless the storage area meets the standards of the Minnesota Department of Agriculture. Portable anhydrous ammonia tanks should be at least 50 feet away from the well. Fill bulk or spray tanks at least 150 feet away from the well preferably in a down-slope direction. When filling tanks, avoid the potential for back-siphoning into your well by fixing the nozzle of the fill hose above the tank opening and allowing the water to fall at least twice the diameter of the delivery pipe before entering the tank (air gap).

Location: The diagram on page 1 indicates the minimum separation distances required between wells and some common sources of contamination typically found on home or farm sites. A complete listing is found in Minnesota Rules, chapter 4725. Minnesota law requires that these distances must be maintained when constructing a new well; installing potential contaminant sources, such as a fuel storage tank, septic system, or a feedlot; or when constructing new buildings, or adding onto existing structures or facilities.

Plumbing: Keep plumbing in good repair to maintain watertight connections. Make sure that any faucet that is threaded for a hose has a backflow prevention device. Connections that are not protected may back-siphon contaminants into the water-supply system. Minnesota Department of Labor and Industry regulates plumbing and maintains the [Minnesota Plumbing Code](http://www.dli.mn.gov/plumbing-code) (www.dli.mn.gov/plumbing-code).

Septic System: Proper location, design, construction, and maintenance are important. Recommendations for pumping septic tanks are based on the use and size of the system. This information is available from the University of Minnesota-Extension or the Minnesota Pollution Control Agency (MPCA). Do not rely on additives. They may simply dissolve materials and send them to the drainfield. Do not dispose of hazardous materials, such as solvents and oil, in the septic system. MPCA regulates individual and midsize subsurface sewage treatment systems under Minnesota Rules, chapters 7080 and 7081.

Water Quality Test: Test your well water for coliform bacteria every year. Test for nitrate every other year, or more frequently if nitrate was found previously. The well water should also be tested at least once for arsenic. If the well shows contamination, consult your local county health department, the Minnesota Department of Health (MDH), or a licensed well contractor. Have the well and plumbing system disinfected after work is done on the well or pump. Well water should be tested by a laboratory accredited by MDH. [Search for Accredited Laboratories](http://www.health.state.mn.us/labsearch) (www.health.state.mn.us/labsearch).

Well Cap or Seal: Keep an approved watertight cap or seal securely attached to the well in order to prevent the entry of insects, animals, and other contaminants. Inspect wire connections to the pump.

Well Pit: A well pit may serve as a catch basin for contaminated surface water and precipitation. Any well located in a pit should have the casing extended above grade and the pit filled with clean earth. Because of the danger of injury or asphyxiation only a properly trained licensed well contractor or a licensed pump installer should enter a pit.

Well Sealing: Unused wells must be properly sealed to prevent direct contamination of groundwater. A well must be sealed by a licensed well contractor or a licensed well sealing contractor. [Well and Boring Contractor Directory](http://www.health.state.mn.us/lwcsearch) (www.health.state.mn.us/lwcsearch).

Additional information about wells and well water can be obtained from a well specialist at MDH (see locations below) or a delegated well program. Contact information for wells located within the jurisdiction of a delegated well program is available at: Delegated Wells Program (www.health.state.mn.us/communities/environment/water/wells/delegated.html). The requirements of law and rule are found in Minnesota Statutes, chapter 103I and Minnesota Rules, chapter 4725 (well code).

MDH District Offices

Bemidji: 218-308-2100

Duluth: 218-302-6166

Fergus Falls: 218-332-5150

Marshall: 507-476-4220

Rochester: 507-206-2700

St. Cloud: 320-223-7300

St. Paul: 651-201-4600 or 800-383-9808

To obtain this information in a different format call 651-201-4600.

Printed on recycled paper.

Publications\Protecting Your Well 10/21/2019R

Licensed SSTS Contractors That Have Worked In Carver County

Lic. #	Company Name	Contact	City	Phone	Designer	Inspector	Installer	Service Provider	Maintainer /Pumper	Exp. Date
2605	880 D DIRT INC	Jerry Voehl	PRIOR LAKE	612-819-8267			X			7/28/2020
1608	A & T SEPTIC & EXCAVATING	Tim Kinney	OLIVIA	320-894-8779	X	X	X	X	X	4/7/2021
2656	ADVANCED ONSITE INC	Thomas Klanchnik	NEW PRAGUE	952-461-2356	X	X				11/4/2020
2829	ADVANCED SEPTIC SOLUTIONS INC.	Tom Wirtzfeld	NORTHFIELD	507-301-9548	X	X	X	X	X	7/31/2020
3362	AFFORDABLE PUMPING SERVICE	James Moser	GROVE CITY	800-898-4936						4/24/2021
3346	ALBIN'S SEPTIC PUMPING LLC	Peter Peterson	MOUND	612-559-3456				X	X	8/2/2021
92	ALLEY EXCAVATING INC	Jason Kurkosky	ANNANDALE	320-274-2528				X		5/15/2021
399	ARTHUR L JORDAN	Arthur Jordan	HOWARD LAKE	320-543-1120	X		X	X	X	3/31/2021
616	ASSOCIATED WELL DRILLERS INC	Matthew Schultz	EDEN PRAIRIE	952-941-1530				X		8/15/2020
2088	B AND T SALES	Robert Bartel	BRAINERD	218-829-6937	X	X	X	X	X	1/5/2021
1043	BOHN WELL DRILLING COMPANY	Gary Bohn	JORDAN	952-445-4809	X	X	X	X	X	4/17/2021
2550	BORKA EXCAVATING LLC	Jay Borka	WINSTED	320-485-2433	X	X	X	X	X	3/28/2023
29	BURNS CONSTRUCTION INC	Peter Burns	LE SUEUR	507-665-6022	X	X	X	X	X	3/13/2023
1888	BURNS EXCAVATING INC	Steve Burns	MAYER	952-955-3112				X		3/31/2021
2064	CHIPS SEPTIC SERVICE LLC	Chip Heniges	LESTER PRAIRIE	952-200-3176	X	X	X	X	X	8/25/2020
3320	CHUCKS EXCAVATING, INC	Jesse Worm	CHANHASSEN	952-496-2874				X		4/22/2021
2723	CK SEPTIC SERVICE & TOILET RENTAL, LLC	Charley Kaskinen	ANNANDALE	763-300-5037					X	8/26/2020
861	CW'S EXCAVATING INC	Charles Bauer	BIG LAKE	763-263-8700	X		X	X	X	3/31/2021
151	DAVE'S EXCAVATING INC	Dave Hellriegel	CARVER	952-448-3642				X	X	3/13/2021
	DIRTY DEEDS EXCAVATING LLC	Kevin Harms	NORWOOD	612-369-5350				X		11/18/2021
61	DUANE RADTKE	Duane Radtke	HUTCHINSON	320-237-1983	X	X		X	X	3/15/2021
654	DUANE'S SEPTIC SERVICE LLC	Duane Barthel	ST MICHAEL	763-497-2764				X	X	3/15/2021
219	ELMER J PETERSON INC	James Braegelmann	DELANO	763-972-2420		X	X	X	X	3/13/2021
489	FERREL EXCAVATING INC	Chris Ferrel	MAPLE LAKE	612-501-6240	X	X	X	X	X	4/10/2021
340	HALLING ENGINEERING INC	Gregory Halling	WEBSTER	952-440-1680	X	X				3/31/2021
640	HAYES & SONS EXCAVATING INC	Brad Hayes	MONTROSE	763-972-3521				X		11/8/2022
486	HENNES SEPTIC PUMPING	John Hennes	SHAKOPEE	952-403-0058					X	3/13/2021
1017	HENNING EXCAVATING	Dennis Henning	NEW GERMANY	952-353-2119				X		5/14/2021
583	HOMESTEAD SEPTIC	Dale Dern	SHAKOPEE	952-233-0214	X	X	X	X	X	8/12/2020
874	INGLESIDE ENGINEERING & CONSTR INC	Brian Van Beusekom	LORETTO	763-479-1869	X	X	X	X	X	4/5/2021
310	JADD SEPPMANN & SONS, INC.	Jadd Seppmann	MANKATO	507-625-3400	X	X	X	X	X	3/13/2021
2848	JEFF SONS EXCAVATING	Jeff Sons	NORWOOD	952-466-5888				X		4/14/2021
2926	JIMS EXCAVATING & PUMPING LLC	Andy Kleindl	COLOGNE	952-442-9282		X	X	X	X	2/14/2021
2529	JUUL CONTRACTING CO	Adam Wendlandt	HUTCHINSON	320-587-2989	X	X	X	X	X	2/21/2021
3215	KEN THEIS & SONS EXCAVATING	Tony Theis	CARVER	952-873-6706				X		8/25/2020
4055	KLEHR SEPTIC SERVICES LLC	Cameron Klehr	BELLE PLAINE	507-665-3732				X	X	5/20/2021
49	KLINGBERG EXCAVATING INC	LeArnold Klingberg	PRIOR LAKE	952-447-2557	X		X	X	X	3/13/2021
192	KOTHRAD SEWER, WATER & EXCAVATING INC	Glen Kothrade	HANOVER	763-498-8702				X	X	4/6/2021
141	KUBASCH EXCAVATING	Kendall Kubasch	WINSTED	320-485-2640	X	X	X	X	X	3/31/2021
65	LASHINSKI SEPTIC SERVICES INC.	Chad Lashinski	HAM LAKE	763-434-3915	X	X	X	X	X	3/13/2021
1859	LINDBERG EXCAVATING INC	Warren Lindberg	COKATO	320-286-2549				X		5/18/2021
516	LITZAU EXCAVATING INC	Darian Litzau	LESTER PRAIRIE	320-395-2467	X	X	X	X	X	2/4/2022
768	MARTY'S EXCAVATING PLUMBING HEATING LLC	Marty Ziermann	MAYER	952-657-2548	X	X	X	X	X	4/5/2021

Licensed SSTS Contractors That Have Worked in Carver County

Lic. #	Company Name	Contact	City	Phone	Designer	Inspector	Installer	Service Provider	Maintainer /Pumper	Exp. Date
2605	880 D DIRT INC	Jerry Voehl	PRIOR LAKE	612-819-8267			X			7/28/2020
1608	A & T SEPTIC & EXCAVATING	Tim Kinney	OLIVIA	320-894-8779	X	X	X	X	X	4/7/2021
2656	ADVANCED ONSITE INC	Thomas Klanchnik	NEW PRAGUE	952-461-2356	X	X				11/4/2020
2829	ADVANCED SEPTIC SOLUTIONS INC.	Tom Wirtzfeld	NORTHFIELD	507-301-9548	X	X	X	X	X	7/31/2020
3362	AFFORDABLE PUMPING SERVICE	James Moser	GROVE CITY	800-898-4936				X	X	4/24/2021
3346	ALBIN'S SEPTIC PUMPING LLC	Peter Peterson	MOUND	612-559-3456				X	X	8/2/2021
92	ALLEY EXCAVATING INC	Jason Kurkosky	ANNANDALE	320-274-2528			X			5/15/2021
399	ARTHUR L JORDAN	Arthur Jordan	HOWARD LAKE	320-543-1120	X	X	X			3/31/2021
616	ASSOCIATED WELL DRILLERS INC	Matthew Schultz	EDEN PRAIRIE	952-941-1530			X			8/15/2020
2088	B AND T SALES	Robert Bartel	BRAINERD	218-829-6937	X	X	X			1/5/2021
1043	BOHN WELL DRILLING COMPANY	Gary Bohn	JORDAN	952-445-4809	X	X	X			4/17/2021
2550	BORKA EXCAVATING LLC	Jay Borka	WINSTED	320-485-2433	X		X			3/28/2023
29	BURNS CONSTRUCTION INC	Peter Burns	LE SUEUR	507-665-6022	X	X	X	X		3/13/2023
1888	BURNS EXCAVATING INC	Steve Burns	MAYER	952-955-3112			X			3/31/2021
2064	CHIPS SEPTIC SERVICE LLC	Chip Hentges	LESTER PRAIRIE	952-200-3176	X	X	X	X	X	8/25/2020
3320	CHUCK'S EXCAVATING, INC	Jesse Worm	CHANHASSEN	952-496-2874			X			4/22/2021
2723	CK SEPTIC SERVICE & TOILET RENTAL, LLC	Charley Kaskinen	ANNANDALE	763-300-5037				X		8/26/2020
861	CW'S EXCAVATING INC	Charles Bauer	BIG LAKE	763-263-8700	X		X			3/31/2021
151	DAVE'S EXCAVATING INC	Dave Hellriegel	CARVER	952-448-3642			X			3/13/2021
	DIRTY DEEDS EXCAVATING LLC	Kevin Harms	NORWOOD	612-369-5350			X			11/18/2021
61	DUANE RADTKE	Duane Radtke	HUTCHINSON	320-237-1983	X	X		X	X	3/15/2021
654	DUANE'S SEPTIC SERVICE LLC	Duane Barthel	ST MICHAEL	763-497-2764				X	X	3/15/2021
219	ELMER J PETERSON INC	James Braegelmann	DELANO	763-972-2420		X	X	X	X	3/13/2021
489	FERREL EXCAVATING INC	Chris Ferrell	MAPLE LAKE	612-501-6240	X	X	X			4/10/2021
340	HALLING ENGINEERING INC	Gregory Halling	WEBSTER	952-440-1680	X	X				3/31/2021
640	HAYES & SONS EXCAVATING INC	Brad Hayes	MONTROSE	763-972-3521			X			11/8/2022
486	HENNES SEPTIC PUMPING	John Hennes	SHAKOPEE	952-403-0058				X		3/13/2021
1017	HENNING EXCAVATING	Dennis Henning	NEW GERMANY	952-353-2119			X			5/14/2021
583	HOMESTEAD SEPTIC	Dale Denn	SHAKOPEE	952-233-0214	X	X	X	X	X	8/12/2020
874	INGLESIDE ENGINEERING & CONSTR INC	Brian Van Beusekom	LORETTO	763-479-1869	X	X	X	X	X	4/5/2021
310	JADD SEPPMANN & SONS, INC.	Jadd Seppmann	MANKATO	507-625-3400	X	X	X	X	X	3/13/2021
2848	JEFF SONS EXCAVATING	Jeff Sons	NORWOOD	952-466-5888			X			4/14/2021
2926	JIM'S EXCAVATING & PUMPING LLC	Andy Kleindl	COLOGNE	952-442-9282		X	X	X	X	2/14/2021
2529	JUUL CONTRACTING CO	Adam Wendlandt	HUTCHINSON	320-587-2989	X	X	X			2/21/2021
3215	KEN THEIS & SONS EXCAVATING	Tony Theis	CARVER	952-873-6706			X			8/25/2020
4055	KLEHR SEPTIC SERVICES LLC	Cameron Klehr	BELLE PLAINE	507-665-3732				X	X	5/20/2021
49	KLINGBERG EXCAVATING INC	LeArnold Klingberg	PRIOR LAKE	952-447-2557	X		X	X	X	3/13/2021
192	KOTHRAD SEWER, WATER & EXCAVATING INC	Glen Kothrade	HANOVER	763-498-8702			X	X	X	4/6/2021
141	KUBASCH EXCAVATING	Kendall Kubasch	WINSTED	320-485-2640	X	X	X			3/31/2021
65	LASHINSKI SEPTIC SERVICES INC.	Chad Lashinski	HAM LAKE	763-434-3915	X	X	X	X	X	3/13/2021
1859	LINDBERG EXCAVATING INC	Warren Lindberg	COKATO	320-286-2549			X			5/18/2021
516	LITZAU EXCAVATING INC	Darian Litzau	LESTER PRAIRIE	320-395-2467	X	X	X	X	X	2/4/2022
768	MARTY'S EXCAVATING PLUMBING HEATING LLC	Marty Ziermann	MAYER	952-657-2548	X	X	X	X	X	4/5/2021

New Construction Energy Code Compliance Certificate

Per N1101.8 Building Certificate. A building certificate shall be posted in a permanently visible location inside the building. The certificate shall be completed by the builder and shall list information and values of components listed in Table N1101.8.

Date Certificate Posted

Mailing Address of the Dwelling or Dwelling Unit	City
Name of Residential Contractor	MN License Number

THERMAL ENVELOPE										RADON SYSTEM		
Insulation Location	Total R-Value of all Types of Insulation	Type: Check All That Apply								Passive (No Fan)		
		Non or Not Applicable	Fiberglass, Blown	Fiberglass, Batts	Foam, Closed Cell	Foam Open Cell	Mineral Fiberboard	Rigid, Extruded Polystyrene	Rigid, Isocynurate	Active (With fan and monometer or other system monitoring device)		
Below Entire Slab												
Foundation Wall												Type in location: interior exterior or integral
Perimeter of Slab on Grade												
Rim Joist (Foundation)												Type in location: interior exterior or integral
Rim Joist (1 st Floor+)												Type in location: interior exterior or integral
Wall												
Ceiling, flat												
Ceiling, vaulted												
Bay Windows or cantilevered areas												
Bonus room over garage												
Describe other insulated areas												Other Please Describe Here

Windows & Doors		Heating or Cooling Ducts Outside Conditioned Spaces	
Average U-Factor (excludes skylights and one door) U:		Not applicable, all ducts located in conditioned space	
Solar Heat Gain Coefficient (SHGC):		R-value	

MECHANICAL SYSTEMS					Make-up Air <i>Select a Type</i>		
Appliances	Heating System		Domestic Water Heater		Cooling System		Not required per mech. code
Fuel Type							Passive
Manufacturer							Powered
Model							Interlocked with exhaust device. Describe:
Rating or Size	Input in BTUS:		Capacity in Gallons:		Output in Tons:		Other, describe:
Structure's Calculated	Heat Loss:		X		Heat Gain:		Location of duct or system:
Efficiency	AFUE or HSPF%		X		SEER:		
					Calculated cooling load:		Cfm's
							" round duct OR
							" metal duct

Mechanical Ventilation System					Combustion Air <i>Select a Type</i>	
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):					Not required per mech. code	
<i>Select Type</i>					Passive	
Heat Recover Ventilator (HRV) Capacity in cfm's:	Low:		High:		Other, describe:	
Energy Recover Ventilator (ERV) Capacity in cfm's:	Low:		High:		Location of duct or system:	
Continuous exhausting fan(s) rated capacity in cfm's:						
Location of fan(s), describe:					Cfm's	
Capacity continuous ventilation rate in cfm's:					" round duct OR	
Total ventilation (intermittent + continuous) rate in cfm's:					" metal duct	

COMBUSTION AIR/MAKE-UP AIR WORKSHEET

Date: _____

Name: _____ Site Address: _____

Total floor Area (including basement): _____

Size of Room with Combustion Equipment: _____

Average Ceiling Height _____ Number of Bedrooms _____

***Check all that apply**

Year Home was Constructed

Pre-1994

1994-2003

2004 and After

Combustion Equipment (Existing & New)

	Atmospheric Vent	Fan Assist/ Power Vent	Direct Vent	Electric
Water Heater Input: _____ BTU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Furnace/Boiler Input: _____ BTU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Furnace/Boiler Input: _____ BTU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Fireplace

Gas Direct Vent	Gas Log Insert	Wood Burning Solid Fuel	Factory Wood Burning Solid Fuel Closed Combustion Air
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Ventilation System/Per Energy Code, Not Mechanical Code

Exhaust Only	Balanced(HRV/ERV)	None
<input type="checkbox"/> Fan 1 CFM: _____ <input type="checkbox"/> Fan 2 CFM: _____	<input type="checkbox"/>	<input type="checkbox"/>

Exhaust Systems

	Yes		No	
Kitchen	<input type="checkbox"/>	CFM: _____	<input type="checkbox"/>	CFM: _____
Central Vacuum	<input type="checkbox"/>	CFM: _____	<input type="checkbox"/>	CFM: _____
Bath Fan	<input type="checkbox"/>	CFM: _____	<input type="checkbox"/>	CFM: _____
Other	<input type="checkbox"/>	CFM: _____	<input type="checkbox"/>	CFM: _____

PERMIT REQUIREMENTS AND ACKNOWLEDGEMENTS

(Note: Allow up to 2 weeks for processing. An incomplete application will delay processing.)

1. Print clearly in ink or type the application. Be sure to **sign both** this instruction sheet and the application form at the bottom. Submit the original **digital forms** only, faxed or mailed paper copies will not be accepted.
2. Complete each item on the application. If an item does not apply, print "N/A" in the blank.
3. Proposed access separation shall conform to Carver County Ordinance, Chapter 152; Zoning Code .036. This Chapter includes specifications regarding: number of accesses limited, field access drives, and access separation.
4. As part of the required site plan all current and future structures shall be shown to be outside of both current and future right-of-way sections as pursuant to Carver County Comprehensive Plan and set-backs as required in Carver County Ordinance 152.
5. Per Carver County Comprehensive Plan Access Management Guidelines, access to parcels shall be provided from the lowest road classification adjacent to the parcel, unless otherwise approved by the County Engineer. Access to county highways shall be by public street as much as practicable. Direct access to homes, farms, and businesses should be provided by local roads when possible. When that is not possible, limited direct property access may be permitted. A parcel will be permitted one private access only if reasonable, convenient and suitable alternative access is not available or attainable from the local road network or by a shared driveway and/or cross-access with an adjacent parcel.
6. Change from a residential / farm use of a parcel to a special permitted use (C.U.P.) (I.U.P.), may include additional access requirements and/or access improvements. As properties or parcels develop and change uses, driveways that may be existing may need to be modified, removed, and/or consolidated. Existing or new driveways may be required to provide joint and reciprocal cross access. Additional access to other uses or needs on or near the parcel may need to be provided via other means such as easements and/or access from other local private or public roads.
7. No foreign material such as fill, aggregate, rock, or bituminous material, etc. shall be stored or deposited on the roadway during the work. If any material is tracked onto the roadway, it must be removed immediately.
8. Any debris, surplus material, etc. generated due to the work must be removed from the County right-of-way within 24 hours.
9. At least 48 hours prior to start of any work, the permittee shall notify the Carver County Public Works Department at 952-466-5200. Within 5 days after completion, the permittee shall notify the Carver County Engineering Department for final inspection.
10. If the permittee intends to alter or remove any signs within County right-of-way written notification shall be given to the Sign Shop Foreman at 952-466-5242 at least 48 hours in advance, and shall obtain his approval prior to performing such operations.
11. No changes or alterations to this permit or county highway right-of-way may be made at any time without written permission from the Carver County Public Works Department.
12. For the safety of the traveling public and for the safety of those working in the right-of-way, barricades, warning devices and flagmen shall be provided by the contractor during all phases of their construction and maintenance operations on county highway right of way. The design, layout, and placement of all signs, barricades, and other warning devices shall conform to the current Minnesota Manual on Uniform Traffic Control Device's "Temporary Traffic Control Zone Layouts Field Manual".
13. For rural accesses, the side slopes shall not exceed 6:1 (17%) within the County right-of-way.
14. For new residential accesses, swing-away mailboxes are required (see attachment to residential access permits)
15. All disturbed turf areas shall be stabilized (i.e. seeding, sod, erosion control blanket, etc.) with the proper sediment/erosion control devices, including temporary erosion/sediment control as needed within 7 days and maintained until the new turf is established. All work shall be in compliance with local, state and federal regulations.
16. In the event that the construction has not been completed within one year of the permit approval date, this permit becomes null and void.
17. It is the responsibility of the excavator to notify Gopher State One Call for utility locations for any excavation being performed within the County right-of-way and to obtain all other necessary permits.
18. No work under this application is to begin until the application is approved, and the permit issued, unless permission has been granted by the Carver County Public Works Department.
19. Any party working within the County right-of-way under this permit shall have a copy of the approved permit on site. Any party working in the County right-of-way without County approval or without a copy of the approved permit may be required to vacate the right-of-way and/or stop work immediately.

I/We agree to all of the above requirements. All work performed will be to the satisfaction of the Carver County Public Works Division.

Dated: _____

Applicant's Signature: _____

RECOMMENDED EROSION CONTROL MEASURES

PERMANENT OR TEMPORARY SOIL STABILIZATION MUST BE APPLIED TO DISTURBED AREAS WITHIN TWO WEEKS AFTER ROUGH GRADE. SOME WAYS TO ACHIEVE SOIL STABILIZATION INCLUDE:

MULCHING –

Mulching is a typical way to achieve soil stabilization in an area that will be seeded later. One easy way to mulch is to cover 90% of the bare soil surface area with air-dried hay. This can keep soil stable for up to 3 months. The mulch must be either crimped into the soil or covered by plastic netting, which is then stapled down.

EROSION CONTROL MATS –

Erosion control mats are typically used on sloping areas to prevent erosion and are a good substitute for mulch where slopes occur on the site. They can also be used to prevent erosion in drainageways.

ESTABLISH VEGETATION –

Planting vegetation, such as trees, shrubs, vines or grasses is one of the best ways to prevent erosion. If the season allows, this is the best choice for stabilizing the disturbed soil. Sodding works especially well, but seeding with the use of fertilizers and mulch is also a good way to establish vegetation.

EROSION MUST BE PREVENTED FROM AFFECTING ADJACENT PROPERTY, DRAINAGEWAYS, RIVERS, LAKES, WETLANDS, ETC. THE MOST EFFECTIVE WAY TO PROTECT THESE AREAS IS BY USING SILT FENCES.

SILT FENCES –

Silt fences are effective sediment barriers. They should be used only below unprotected areas where it is impractical to prevent erosion. Silt fences should be installed on the contour, and constructed so runoff cannot bypass the ends. Silt fences can also be used around dirt stockpiles. Silt fences require maintenance to preserve their effectiveness and should be inspected after rainfall events. The silt fence fabric material must be anchored in a trench 6 inches deep in order to insure that the fence is a true barrier to erosion. Not placing the fabric in a trench makes the silt fence useless because the dirt can pass right under the fence. Please see the accompanying drawings which show proper silt fence construction and how they should be placed on the construction site.

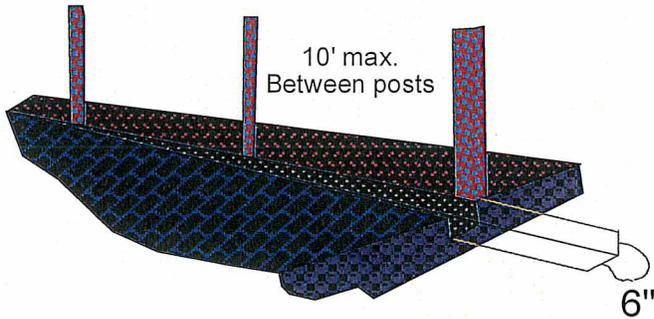
INFORMATION TO BE SUBMITTED WITH THE EROSION CONTROL PLAN:

An erosion control plan should demonstrate the measures that will be taken to prevent erosion on the construction site. The two components of an erosion control plan are a map and a written explanation of what is being shown on the map with regard to erosion control.

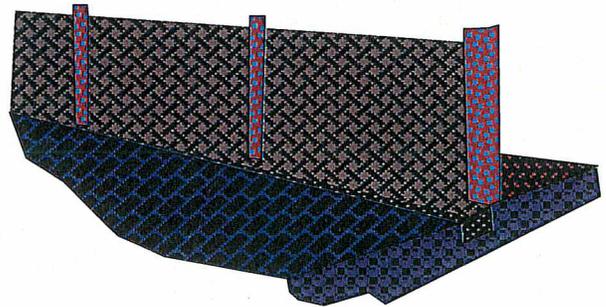
THE MAP NEEDS TO INCLUDE THE FOLLOWING:

- 1.) The map must be clearly drawn with the direction North indicated. The distances of structures from roads, property boundaries, rivers or streams and other significant features must be indicated on the map.
- 2.) Existing 2-foot contours and the final contours. If 2-foot contours are not available please indicate where slopes are located and use arrows showing the downward slope of areas on the site.
- 3.) Existing vegetation (i.e. wooded areas, grassland, cropland).
- 4.) The location of any creeks, streams, rivers, ponds, wetlands or lakes must be clearly marked on the map.
- 5.) Areas to be cleared and graded.
- 6.) Location of the erosion control measures you plan to use on the site.
- 7.) Drainage patterns on the site (i.e. natural drainageways).
- 8.) The location for dirt stockpiling during construction.

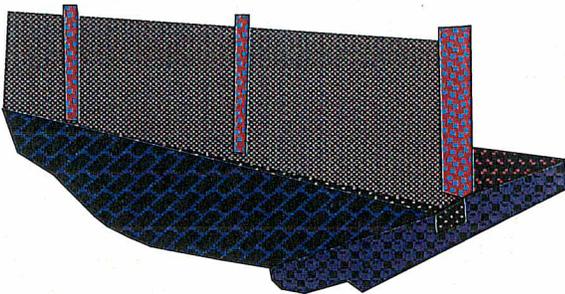
1. Set posts and excavate a 6" by 6" trench upslope along the line posts



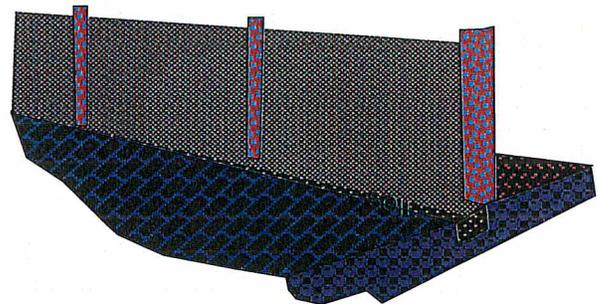
2. Staple wire fencing to the posts.



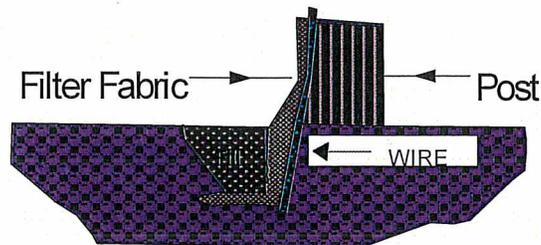
3. Attach the filter fabric to the wire fence and extend it into the trench.



4. Backfill and compact the excavated soil.



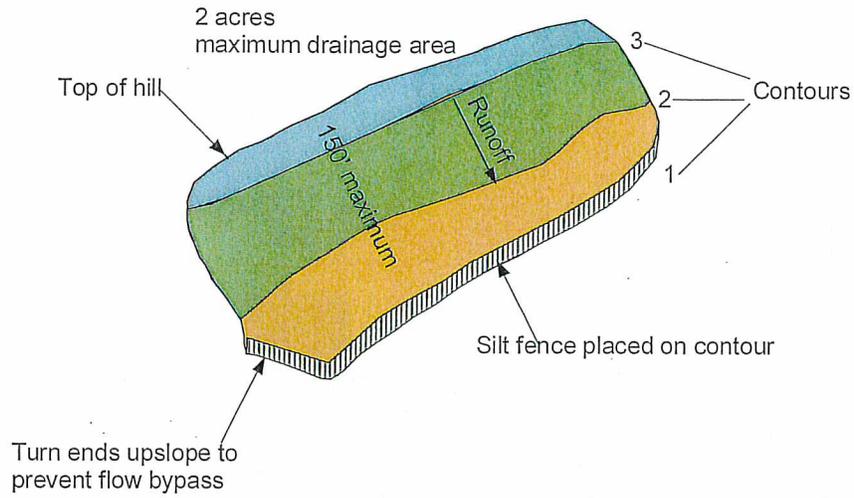
Extension of fabric and wire into the trench.



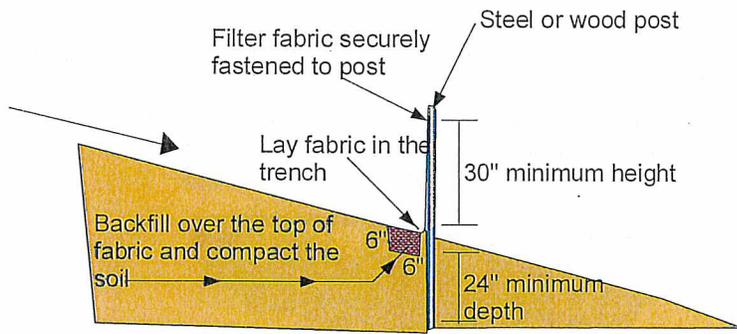
CONSTRUCTION OF SILT FENCE WITH SUPPORTING FENCE

Please note: A supporting wire fence is not always necessary.

SILT FENCE INFORMATION



Typical Layout for Silt Fence



Construction of Silt Fence



11360 Highway 212, Suite 6
 Cologne, MN 55322
 Phone: 952-466-5230
 Fax: 952-466-2070
<http://www.co.carver.mn.us/swcd>

Mission Statement: Providing high quality assistance to the land managers and citizens of Carver County for the protection of land and water resources.

RE: Fall and Dormant Seeding and Mulching of Construction Sites

Dear Construction Professional,

The Carver Soil and Water Conservation District would like to remind all persons responsible for construction sites in Carver County that it is time to start preparing your site(s) for the spring thaw and early-spring rain events. Stabilization is required under the National Pollutant Discharge Elimination System (NPDES)/State Disposal System (SDS) General Stormwater Permit for Construction Activity, MNR110001 (Permit). A good cover crop is the single best erosion control technique available. If your site(s) will not be permanently vegetated this fall, all areas with exposed soils should be temporarily seeded and mulched using the specifications outlined below (or a similar approved technique). Planning now will reduce added expenses next spring.

As the construction season is quickly coming to a close, site preparation needs to be completed before snow cover so that adequate protection is in place during the spring thaw. The Permit requires all exposed soil areas that are not actively worked in 14 days to have temporary protection or permanent cover. Because most construction activity will cease during the winter, all exposed areas on your site are required to have protective cover before the site is covered with snow. Preparing your construction site before winter should minimize site erosion and sedimentation problems in the spring.

After the month of October, a dormant seeding mix is required. Dormant seeding is done in the late fall after the soil temperature remains consistently below 50 degrees Fahrenheit (depending on the mix). Disc anchored straw mulch or other erosion control is necessary with all temporary, dormant, or final seeding.

The following table lists general dates when seeding of various Mn/DOT mixes should occur. Seasons can be extended based on the current weather patterns, such as frequent low intensity rainfalls with cooler than average temperatures. [Mn/DOT Seeding Manual – 2007 Edition is available for download at: http://www.dot.state.mn.us/environment/pdf_files/seedingmanual.pdf.]

SEASON OF PLANTING

Seed Mixture Number	Spring	Fall	Apply Type 1 mulch at a rate of 2 tons per acre and disc anchor all Type 1 mulches (straw mulch).
100	---	Aug. 1 – Oct. 1	
110	May 1 – Aug. 1	---	
150, 190	April 1 - July 20.	July 20 – Oct. 20	
240, 250, 260, 270	April 1 - June 1	July 20 - Sept. 20	
280	April 1 – Sept. 1	---	
310, 325, 328, 330, 340, 350	April 15 – July 20	Sept. 20 – Oct. 20	

For areas with steep (3:1) or problematic slopes, consider hydro seeding (with a tackifier), using erosion blanket, or installing other equally effective techniques. Further, make sure all drainage ways and gullies are stabilized with erosion controls that can withstand channelized flows and high velocities. If you have any questions, or need technical assistance, please contact the SWCD office at 952-466-5230. If necessary we can work with the project engineers, developers, or contractors to ensure that development sites are in compliance.

Sincerely,

Chip Hentges
 Conservation Technician

EROSION CONTROL WRITTEN PLAN REQUIREMENTS

The written explanation, which goes along with the map, must include the following:

- 1.) A description of how the present vegetation will be affected at the site.
- 2.) A description of how the area will be graded and how contours will change.
- 3.) A description of any activity that will take place near a creek, stream, river, pond, wetland or lake and how those features will be protected from erosion.
- 4.) A description of how drainage patterns will be affected by the project and what measures you will take to prevent erosion via natural drainageways.
- 5.) Explain how much and where dirt will be stockpiled on the site and what measures you will take to prevent the erosion of the stockpiled dirt.
- 6.) Give a timetable for the construction activity, especially the grading and planting of vegetation after grading. Indicate the type of vegetation you will establish or if a temporary form of soil stabilization will be used (i.e. mulching or erosion control mats).

FOR FURTHER INFORMATION ABOUT EROSION CONTROL MEASURES, PLEASE CALL THE CARVER COUNTY SOIL AND WATER CONSERVATION DISTRICT AT (952) 442-5101. THIS OFFICE HAS INFORMATION ABOUT EROSION CONTROL PLANNING AND CAN OFFER ADVICE ON WHAT EROSION CONTROL MEASURES WOULD BEST SUIT YOUR SITE. WE ESPECIALLY RECOMMEND THAT YOU CONSULT WITH THIS OFFICE IF YOUR SITE CONTAINS SLOPES, IS NEAR A LAKE, RIVER, WETLAND OR BLUFF.

EROSION CONTROL PLAN

NAME _____

BUILDING PERMIT NUMBER _____

SITE ADDRESS _____

Please use this sheet to provide the written description. Refer to your site map, which should clearly demonstrate what you are describing here.

SITE PRE-CONSTRUCTION REQUIREMENT CHECKLIST

- 1.) _____ House, garage and/or accessory structure have been staked and located so as to meet ordinance setbacks.
- 2.) _____ Primary and alternate on-site sewer location has been staked and roped off so that they will be protected from heavy equipment.
- 3.) _____ Primary and alternate on-site system have been located so that the septic tank is a minimum of 50 feet from the well and the drainfield is a minimum of 100 feet from the well.
- 4.) _____ Septic tank is 10 feet from any buildings, and the primary and alternate drainfields are 20 feet from any building.
- 5.) _____ Primary and alternate septic systems are 10 feet from a swimming pool or 20' from a slope of 20% or more.
- 6.) _____ An area for stockpiling has been located.
- 7.) _____ Silt fence or staked straw bales, as shown on the erosion control plan, are in place.
- 8.) _____ Erosion control plan appears to be appropriate for the site.
- 9.) _____ House address must be posted at future driveway location.

**PROPERTIES LOCATED IN SHORELAND OVERLAY DISTRICTS
(SEE SECTION 152.110 – PAGES 144-159, CARVER COUNTY CODE OF
ORDINANCES**

- 10.) _____ Structures are located the minimum setback from the ordinary high water mark of the lake.
- 11.) _____ Primary and alternate systems are located the minimum setback from the ordinary high water mark of the lake.
- 12.) _____ Structures are located the minimum setback from a slope of 18% or more.