CITY OF SAINT PETER
DEPARTMENT OF BUILDING SAFETY
Phone 507-934-0662 Fax 507-934-4917

COMMERCIAL & INDUSTRIAL PACKET CONTENTS

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3. Excavation Permit, and Waivers
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6. Plumbing/Mechanical Permit Application
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    b. Note if a lawn sprinkler system is included in the plans
7. Plumbing Permit Application (separate application/plans)
    a. A Plan review for fire sprinkler systems/alarm systems need to be done by either the City or the State of Minnesota Building Department
8. Energy Code Worksheet (Com Check)
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10. Electrical Inspector Information
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Commercial Construction SWPPP Checklist

This form is intended to assist the applicant in the preparation of the Stormwater Pollution Prevention Plan (SWPPP). Your SWPPP does not have to follow the format of this checklist. The purpose of this checklist is to help you ensure that your SWPPP contains all required components.

Description	✓	Location in SWPPP & Notes
Project & Activity Description		
Describe the nature/function of the construction project.		
Describe the intended sequence of major construction activities.		
Indicate the total site area that is expected to be disturbed.		
Include a general location map identifying site location and any waters of the U.S within one mile of the site.		
Site Map		
Include a legible site map, complete to scale of the entire site. Indicate the following items on the map.		
Direction of stormwater / drainage patterns, and approximate slopes after major grading activities;		
Areas to be disturbed and areas that will not be disturbed;		
Locations of off-site material, waste borrow, or equipment storage areas used solely for the project;		
Locations of major structural and non-structural erosion and sedimentation controls;		
Describe all interim and permanent stabilization practices, including installation schedule. Preserve vegetation where possible, and avoid the use of impervious surfaces.		
Describe all measures / waste disposal practices to prevent discharge of solid material, including building materials to waters of the state. Include location of dumpster.		
Describe measures to minimize off-site tracking of sediments to paved surfaces and the generation of dust.		
Describe any waste or construction materials to be stored onsite, and list measures to limit exposure (storage, spill prevention, and response practices)		
Describe routine inspection schedules and procedures to ensure control measures are operating effectively.		
Indicate who the qualified personnel will be to perform inspections.		

PUBLIC WORKS CHECKLIST

Information Required for Building Permit Application

Building Department 934-0662 Department of Public Works 934-0670

Address: _____

□ Map showing how building will be located on the lot.
Also include on the map:
- □ Exterior stormwater drainage plan identified.
  - □ Directional arrows are shown for proposed drainage.
  - □ Drainage easements are identified.
- □ Description and location of erosion and sediment control (silt fence, mulch, or other sediment control) devices. (Standard Detail Plate #3003, #3004)
- □ Location of temporary stockpiles on private property identified.
  - □ Description and location of erosion and sediment control (silt fence, temporary seeding, mulch, or other sediment control) devices for temporary stockpiles on private property. (Standard Detail Plate #3003, #3004)
- □ Location of access to lot identified.
  - □ If an access to the lot is being requested a rock entrance (Standard Detail Plate #3005) will need to be installed.
- □ Location of concrete washout identified.
- □ Location of curb cut for driveway identified.
  - □ Existing or □ Proposed size of curb cut desired _____ (Standard Detail Plate #7020)
- □ Location of curb stop identified. If curb stop is in the driveway or a sidewalk an A-32 Ford water cover is required. (Standard Detail Plate #6002)
- □ Location of water service and curb stop identified. (Standard Detail #6002, #6003)
- □ Location of wastewater service and clean out identified. If the clean out is in the driveway or a sidewalk an A-32 Ford water cover is required. (Standard Detail #5004)
- □ Location of electric service identified. (Identify from beginning to termination point)
  - □ Service to be open cut □ Service to be directional bored
- □ Weekly site inspections need to be preformed by the contractor.

□ Mechanical room floor plan including the following information:
- □ Utility room location
- □ Water meters location in the utility room
- □ Sump pump and tile location and outside rigid pipe discharge location
- □ Electric panel location (interior)
- □ Desired electric meter location (exterior) (Standard Detail #2013)

□ Size of copper water service:
□ 1 inch □ 1 ½ inch □ 2 inch □ other _____
□ Amount of 1" Type K copper requested _____

□ Size of PVC wastewater service:
□ 4 inch □ 6 inch □ other _____

□ Electric service: Size _____Amps □ Temporary electric service required: □ Yes □ No

□ Excavation proposed in Right-Of-Way □ Yes □ No

- Please inform excavators that additional fees will be required in the right-of-way if not paid when the building permit is taken out.

(IF THIS INFORMATION IS NOT PROVIDED THE PERMIT APPLICATION WILL BE CONSIDERED INCOMPLETED AND WILL BE RETURNED)

Signature: _____ Name: _____
Contractor or Owner (Please Print)

Reviewed by: _____ Name: _____
Signature (Please Print)

2/15/2012

STORMWATER UTILITY

Permit No. _____

Building Department 934-0662 or Department of Public Works 934-0670

PERMIT TO WORK WITHIN CITY PROPERTY/RIGHT-OF-WAY/EASEMENTS

OBSTRUCTION ___ EXCAVATION ___

1. Location _____
(Street, property address or legal description, or distance and direction from nearest public street intersection)

2. Nature of work _____
DESCRIPTION: Please include a detailed description and drawing of the project and project work, including identification of obstructions/structures to be placed, and size and depth of excavation.

3. Indicate below the items to be affected/disturbed and include information on drawing or plan of work to be done.

☐ Curb & Gutter/Driveway ☐ Pond/Wetlands ☐ Street Surface ☐ Traffic Control Devices/Signs

☐ Drainage ☐ Private Utilities (gas, phone, cable) ☐ Structures/Buildings ☐ Trees

☐ Established Turf ☐ Public Utilities (sewer, water, electric) ☐ Trail/Sidewalk ☐ Other

4. Method of installation or construction _____

5. Work to start on or after _____ and shall be completed within 90 days unless an extension granted.
Date by Staff _____

6. Are lane closures or detouring of traffic necessary? ☐ No ☐ Yes If yes, state duration and suggested route for each instance: (attach detour map) _____
DETOURS: All detour plans are required as part of this permit and must be pre-approved in writing by the Department of Public Works. The Department of Public Works shall be notified in writing at least 3 working days in advance of any approved detour being established, changed, or discontinued.

Name of applicant _____ Phone _____
Please Print

Address _____ _____ _____ _____
Street City State Zip

Name of party or organization performing work _____
Gopher one-call ticket # _____ E-mail address _____@_____
Contact person _____ Emergency (24 Hr.) Phone _____

Address _____ _____ _____ _____ Day Phone _____
Street City State Zip Fax _____

The undersigned understands and accepts the terms and condensation of this permit and agrees to fully comply with all rules, standards and ordinances regulating work within the right-of-way. The permittee agrees to provide an instrument of surety in the amount of $3,000.00 through the following options: Surety Bond, Cash, Certified Check or Letter of Credit any of which must be returned or released upon work completion that meets all rules, standards and ordinances verified through a final inspection.

Signed _____ Title _____ Date _____

All legal requirements shown on attached pages are to be complied with. A final inspection is required with each permit. Please provide a 4- hour notice for any inspections. To set up an appointment please call the Stormwater Utility at 934-0670.

****

CITY USE ONLY

Authorization of Permit _____

Financial Security Amount $ _____ Type of Surety _____

Fee $ _____ Receipt No. _____ Permit No. _____

Surety $ _____ Receipt No. _____

In consideration of agreement to comply in all respects with the regulations and codes of the City of Saint Peter covering such operations, and pursuant to authorization duly given by said City of Saint Peter, permission is hereby granted for the work to be done as described in the above application with said work to be done in accordance with special provisions as hereby stated: Approved By _____ Date _____

Inspections ☐ **Meets Compliance: No further work is required.**

☐ **Does not meet compliance. Follow up work is needed.** _____

_____

Inspected by: _____ **Date:** _____

STORMWATER UTILITY
CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS

NOTE: EROSION CONTROL MEASURES ARE REQUIRED. THIS SHALL BE INSTALLED PRIOR TO EXCAVATING OR A STOP WORK ORDER WILL BE ISSUED. IF AN ENTRANCE TO THE LOT IS DESIRED, A ROCK ENTRANCE WILL BE REQUIRED.

All construction site activity in the City of St. Peter shall include the necessary precautions to control and mitigate the erosion of soil, sediment, silt, gravel, or other material onto adjacent roadways and properties. The Property Owner and/or Permit Holder for the construction site shall be responsible for complying with the requirements set forth below, including activities by subcontractors, suppliers, or others involved with the construction project. The list represents minimum requirements for all sites – larger projects or projects located on erosion prone or erosion sensitive sites may be subject to additional measures at the discretion of the Building Department or the Stormwater Utility.

1. Construction sites will be required to install erosion control measures. For more severe erosion problems, additional measures shall be taken, such as installing hay bales, constructing berms, or sediment traps, or taking other actions, which reduce or eliminate erosion from the site. Should an access onto the site be desired, a rock entrance (Standard Detail Plate No: 3005) will be required. The silt fence shall be dug in or installed (Standard Detail Plate No: 3003 or 3004) to protect the adjacent properties and be maintained until all lawn or landscaping is installed.
2. The Minnesota Pollution Control Agency (MPCA) has determined that soil surfaces or spoil banks that remain exposed without a protective cover will have 14 days to provide temporary or permanent stabilization.
3. The MPCA has determined that all areas disturbed by excavation and backfilling operations which exposed soil shall be sodded or re-seeded after the lot is graded shall follow the given timetable listed above unless temporary erosion control is still in place. Seed shall be a fast germinating seed with perennial grasses suitable for the soil and the exposure of the area to sunlight. All seeded areas shall be mulched and disc anchored as necessary for erosion protection and seed retention. The undersigned recognizes that time is of the essence in controlling erosion.
4. All materials, tracked or otherwise deposited on roadways adjacent to a construction site or on roadways being used as haul routes for material being delivered to or removed from a site, shall be cleaned daily, unless more frequent cleaning is required by the Stormwater Utility.
5. All material, which is deposited on adjacent roadways as a result of a precipitation event, shall be removed, including the cleaning of stormsewer or overland drainage ditches, within 24 hours following the event.
6. Should the Property Owner/Permit Holder fail to clean the material from the roadway as needed/directed or fail to install the appropriate erosion control measures, the following steps may be taken:
   a. A Stop Work Warning will be issued on the project and a 24-hour period will be allowed for repair. If the problem still exists and is not corrected in the timeframe offered, a Stop Work Order will be issued until the necessary cleaning and/or installation of erosion control measures is complete.
   b. The City will contract for the necessary cleaning and installation of erosion control measures and bill the Property Owner/Permit Holder for said work. In the case of a Building Permit being issued, a Certificate of Occupancy will not be issued until such time as payment(s) for the work have been made.
   c. Issuance of additional permits to the Permit Holder for other construction projects within the City of St. Peter will be withheld until such time as corrective action is completed.

I, _____, the Property Owner/Permit Holder for the construction activity taking
Name

place at _____ in the City of St. Peter declares that I have read,
Address

Understood, and will abide by the conditions listed above regarding Erosion Control on this project.

_____
Signed

_____ _____
Date Telephone Number

1/15/2010

EROSION AND SEDIMENT CONTROL AGREEMENT

THIS AGREEMENT made and entered this ____ day of _____ 20___, by and between _____ and _____, husband and wife/a single person, hereinafter referred to as "OWNER" and the City of Saint Peter, a municipal corporation under the laws of the State of Minnesota, hereinafter referred to as "CITY".

WHEREAS, OWNER is the owner of real property located at _____, St. Peter, MN. 56082, real estate tax parcel number____.____.____ legally described as follows: _____

WHEREAS, OWNER has applied for a building permit which building permit requires the OWNER to provide for erosion and sediment control;

WHEREAS, Saint Peter City Ordinance No.371, requires the OWNER to provide for erosion and sediment control throughout the course of the permit;

WHEREAS, Saint Peter City Ordinance No. 371, requires the OWNER to secure the performance of the erosion and sediment control with a $3,000.00 bond to secure the CITY'S erosion and sediment control standards;

WHEREAS, the CITY has established a policy which allows OWNERS to execute an assessment against their property in lieu of posting of a $3,000.00 bond;

WHEREAS, the OWNER wishes to accept the CITY'S offer of assessment;

WHEREAS, in consideration of the CITY'S acceptance of the waiver of assessment agreement rather than requiring the OWNER to post a $3,000.00 bond, the OWNER waives its rights, pursuant to Minnesota Statute Chapter 429, to notice of hearing and objection to the amount of the assessment;

WHEREAS, the OWNER agrees to comply with erosion and sediment control requirements as set forth in the CITY'S permit;

WHEREAS, in the event the OWNER fails to comply with the erosion and sediment control requirements as set forth by the CITY and the CITY is required to bring the OWNER'S project into compliance with the erosion and sediment control requirements, the CITY will retain a contractor or will, with CITY labor, complete the corrections required to complete the project:

WHEREAS, in the event the CITY is required to make the corrections, the OWNER agrees to pay the CITY the costs the CITY incurred to make the correction through the levy of an assessment on the benefited property, payable over a five (5) year period at an interest rate not to exceed eight percent (8%). The cost of the assessment shall be taxable cost of bringing the project into compliance which shall not exceed $3,000.00.

NOW, THEREFORE, be it hereby agreed between the parties hereto that:

1. OWNER will comply with the erosion and sediment control requirements as set forth in the building permit and City Ordinances.
2. In the event OWNER fails to comply with the erosion and sediment control requirements as set forth in the permit and City Ordinances and the CITY is required to complete or correct the erosion and sediment control on the property and the permitted right-of-way adjacent to the property, the OWNER will pay all costs to repair, replace, and correct the erosion and sediment control on the property and in the permitted right-of-way of the full project. Payment shall be made upon completion of the project or alternatively through special assessments levied against OWNER'S property in accordance with Minnesota Statute Chapter 429.
3. OWNER waives his rights pursuant to Minnesota Statutes Chapter 429, to notice of a hearing and objection to the amount of the assessment
4. CITY will assess OWNER'S property pursuant to Minnesota Chapter 429.

IN WITNESS WHEREOF, the parties hereto have set their hands this day and year first written above.

PROPERTY OWNER

BY: _____ _____

CITY OF SAINT PETER

BY: _____ _____

Timothy Strand - Mayor Todd Prafke - City Administrator

City of St. Peter Electric Utility Service Request

All information below will need to be filled in to receive a secondary service.

Temporary service required Yes -- No Approximate Date to connect ____/____/____
Circle One

Size & Voltage of Temporary service _____AMPS_____/_____VOLTAGE

Proposed Location **(Site Map Required)**

Temporary service is the cost of the Contractor/Owner,

A copy of the **Contractor Request for Electrical Inspection** will be supplied by the Electrical Contractor before any Temporary Service or Permanent Service will be connected.

Panel service size in building _____AMPS

Service Voltage requesting _____/_____VOLTAGE

Service phases Single phase ---- Three phase
Circle One

Who will be installing the secondary service?_____

Approximate date when permanent service will be needed _____/_____/_____

Proposed Electric Utility's secondary connection point **(Site Map Required)**

The final location of secondary electrical connection points will be made by the Electric Utility.

City of St. Peter
Building Department
227 South Front
St. Peter, MN 56082
Phone: 507- 934-0662 Fax: 507- 934-4917

Permit Number_____

BUILDING PERMIT APPLICATION

BUILDING SITE ADDRESS (OR) LOT BLOCK PHONE

PROPERTY OWNER ADDRESS PHONE

GENERAL CONTRACTOR LICENSE # ADDRESS PHONE

PLUMBING CONTRACTOR (IF APPLICABLE) LICENSE # ADDRESS PHONE

MECHANICAL CONTRACTOR (IF APPLICABLE) ADDRESS PHONE

ELECTRICAL CONTRACTOR (IF APPLICABLE) LICENSE # ADDRESS PHONE

EXCAVATION CONTRACTOR (IF APPLICABLE) LICENSE # ADDRESS PHONE

PROPERTY USE
- ☐ SINGLE FAMILY RES.
- ☐ TWO FAMILY RES.
- ☐ THREE + FAMILY RES.
- ☐ COMMERCIAL
- ☐ INDUSTRIAL
- ☐ INSTITUTIONAL
- ☐ PUBLIC

TYPE OF WORK
- ☐ NEW BUILDING
- ☐ EXISTING BUILDING
  - ☐ ADDITION
  - ☐ REMODEL
  - ☐ REPAIR
  - ☐ DECK
  - ☐ REROOF
  - ☐ RESIDE

TYPE OF STRUCTURE
- ☐ PRINCIPLE BUILDING
- ☐ GARAGE
- ☐ ACCESSORY BUILDING
- ☐ TEMPORARY BUILDING
- ☐ OTHER (SPECIFY)

_____

_____

Occupancy _____

Type of Construction _____

PROPOSED SETBACKS

FRONT_____ NSEW

LEFT_____ NSEW

RIGHT_____ NSEW

REAR_____ NSEW

DESCRIPTION OF PROJECT _____

CONSTRUCTION & SITE PLANS ATTACHED (TWO COPIES EACH) ☐ YES ☐ NO ☐ SQUARE FOOTAGE_____

IS AN EXCAVATION PERMIT REQUIRED? ☐ YES ☐ NO

METHOD TO SHOW ENERGY CODE COMPLIANCE: ☐ MNCHECK ☐ 7670 ☐ 7672 ☐ 7674 ☐ 7676

SIGNATURE OF: ☐ OWNER ☐ CONTRACTOR ☐ AUTHORIZED AGENT DATE

ESTIMATED VALUE OF WORK (INCLUDING LABOR)

DOES THIS VALUE INCLUDE P&H ☐ YES ☐ NO

Permit becomes void if work does not begin within 180 days or if suspended at any time for over 180 days. Permits issued and inspections made by the City are a public service and do not constitute any representation, guarantee or warranty, either implied or expressed, to any person as to the condition of the building or conformance to applicable construction codes. The undersigned acknowledges that this application has been read and that the above is correct and agrees to comply with all the ordinances and laws of the City of Saint Peter regulating building construction.

BUILDING PERMIT FEE_____

PLAN REVIEW FEE_____

STATE SURCHARGE_____

TOTAL BUILDING FEE_____

PUBLIC WORKS FEE_____

TOTAL PERMIT FEE_____

RECEIPT NUMBER_____

ISSUED BY_____

PW APPROVAL_____

BUILDING OFFICIAL APPROVAL DATE ZONING ADMINSTRATOR APPROVAL DATE

1. **BUILDING PERMIT APPLICATION: Complete and sign a building permit application. The application is included in this packet.**

2. **PLUMBING/MECHANICAL PERMIT APPLICATION: Complete and sign a plumbing/mechanical permit application. The application is included in this packet.**
   -Please note that a separate plumbing permit application is needed for a fire sprinkler/alarm system permit.

3. **SURVEY OR SITE PLAN: Provide an accurate, detailed site plan of the property showing all property lines, road rights-of-ways, easements, existing buildings (include dimensions) and the address or PIN number of the property. Diagram the proposed building location, dimensions and proposed setbacks from property lines, existing buildings, and all topographical features. A registered land survey may be required.**

4. **BUILDING PLANS: Some business/commercial/industrial used structures may be required by the Building Official and/or state statute to be prepared by and signed by a Minnesota Licensed Architect, Structural Engineer, and Mechanical Engineer. Contact the Building Official to determine if your structure requires these design professionals. Please see the table below that lists the structures that are exempt from licensed Architects and Engineers.**

Occupancy Classifications	Number of Stories and Basement		Maximum Gross Square (GSF) or Dwelling Units (whichever is less)
(i) Warehouse (storage rooms) for combustible or non combustible goods	One story, no basement	No use of structural concrete, poured in place, for roofs and supported floors.	5000 GSF
(ii) Retail or wholesale stores, paint stores without bulk handling	Two story and basement		1500 GSF
(iii) Office buildings	Two story and basement		2250 GSF
(iv) Factories and workshops using materials that are not highly flammable	One story, no basement		3000 GSF
(v) Aircraft hangard where no repair work is done except exchange of parts and maintenance requiring no open flame, welding, or the use of highly flammable liquids	One story, no basement		3000 GSF
(vi) Lodging houses	Two story and basement		5 rooms or 1500 GSF
(vii) Eating and drinking establishments	Two story and basement		Seating for not more than 20 persons or 1000 GSF
(viii) Apartment houses	Two story and basement or three story including half basement		4 dwelling units or 5000 GSF
(ix) Garages, carports, and sheds used as accessories	One story, no basement		1000 GSF
(x) Convents and monasteries	Two story and basement		10 dwelling units or 3000 GSF

a. Elevation Drawings (exterior views), of front, rear, and sides of the finished structure.

b. Floor plans of the basement and each floor showing the dimensions of the structure, interior rooms, and use of each room, window/door locations, interior walls, header sizes, stairs, and plumbing/mechanical equipment.

c. Section Drawings (side cutaway view) showing the details of the footing, foundation construction with dampproofing and insulation, floor, wall, and roof construction.

d. Plumbing Plans must be submitted to and approved by the Minnesota Department of Health Plumbing Division. Provide the Health Departments letter of approval and two (2) sets of plumbing plans to the City.

e. Fire Sprinkler/Alarm Systems plans must be submitted to the City Building Department or State of Minnesota for review. Provide two (2) sets of plans to the City.

5. **MISCELLANEOUS:**

Pre-Construction Meeting: A meeting with the city staff should be scheduled to determine if the proposed use is permitted by the zoning, building, and municipal ordinances.

***Special Inspections:** IBC Chapter 17 requires the owner, Architect or Engineer of record to indicate what special inspections are required (if any) and who will be performing the special inspections which is subject to the approval of the Building Official.

General Zoning: Check with the jurisdiction to determine if a variance, conditional use permit, or special evaluation is required. Please contact Russ Wille at 1-507-934-0662.

Permit fees: The fees will be determined after the application and plans have been submitted and reviewed. Fees must be paid in full before a permit can be issued or construction can begin.

Electrical: The wiring must be inspected and approved by an electrical inspector. To request an inspection or to answer electrical questions, please call: Keith Hollnagel at 1-507-665-6213 between 7:00 a.m. and 8:30 a.m., Monday through Friday.

GENERAL INFORMATION

A Certificate of Occupancy is required before the structure can be occupied. All the required building inspections must be completed and approved, and a final approval received from the State Electrical Inspector.

****Required Inspections:**

1. **Site Inspection**, before any construction begins.
2. **Footings**, after forms are in place, but prior to placement of concrete, gravel, or sand.
3. **Foundations**, prior to backfilling and as deemed necessary by the Building Official and design professionals.
4. **Plumbing 5# Air Test** of all waste and vent piping prior to covering, contact the Minnesota Department of Health and then the local Building Official with inspection requests.
5. **Fireplaces and Masonry Chimneys Rough-In**, for pre-fabricated when framing is complete, for masonry fireplaces when the throat is set, masonry chimneys when starting.
6. **Mechanical Rough-In** when complete, prior to covering.
7. **Gas Piping** must hold 25# of air for 12 hours, all piping and fittings must be exposed for inspection.
8. **Electrical** must be done BEFORE a framing inspection can be done.
9. **Framing/Structural** when all the framing is complete or in sections.
10. **Insulation** when the insulation, vapor barrier, firestopping, and draftstopping is in place.
11. **Plumbing Manometer Test** of all the waste and vent piping after all fixtures are set. Contact the State Health Department for inspection requests then the local Building Official.
12. **Special Inspections** of soils, concrete, welding, bolting, fire resistive construction, and similar components. The Building Official, Architect and Engineer of record shall indicate what special inspections are required. An inspector approved by the Building Official must perform the special inspections and file copies of all reports with the Building Official. **Depending on the project inspection of exterior and interior wall finish, fire suppression systems, alarms, elevators, firestopping, etc.. NOTE: The building site will be inspected for storm water drainage throughout the construction time.
13. **Final** when the structure is complete and the required inspections have been approved (cosmetic details do not have to be completed)

To schedule an inspection, please call **24 hours** in advance at 1-507-934-0662 between 8:30 a.m. to 4:30 p.m., Monday through Friday.

Excavations: Prior to excavating, please call Gopher State One, **48 hours** in advance at 651-454-0002 or 1-800-252-1166 to verify the location of underground utilities, etc.

Gas and Electric Utilities: Contact your local utility for specific requirements at 1-507-934-0670.

City of St. Peter

Building Department
227 South Front
St. Peter, MN 56082
Phone: 507- 934- 0662 Fax: 507- 934- 4917

PLUMBING-MECHANICAL PERMIT APPLICATION

Permit Number_____

- ☐ PLUMBIMG PERMIT
- ☐ MECHANICAL PERMIT
- ☐ BOTH
- ☐ FIRE SPRINKLERS
- ☐ LAWN SPRINKLERS

BUILDING SITE ADDRESS (OR) LOT BLOCK PHONE

PROPERTY OWNER ADDRESS PHONE

PLUMBING CONTRACTOR LICENSE # ADDRESS PHONE

MECHANICAL CONTRACTOR ADDRESS PHONE

ELECTRICAL CONTRACTOR LICENSE # ADDRESS PHONE

ARCHITECT/ENGINEER LICENSE # ADDRESS PHONE

CLASS OF WORK	BUILDING USE	TYPE OF WORK	TYPE OF STRUCTURE
☐ NEW	☐ SINGLE FAMILY RES.	☐ NEW BUILDING	☐ PRINCIPLE BUILDING
☐ ADDITION	☐ TWO FAMILY RES.	☐ EXISTING BUILDING	☐ GARAGE
☐ ALTERATION	☐ THREE + FAMILY RES.	☐ ADDITION	☐ ACCESSORY BUILDING
☐ REPLACE WATER HEATER	☐ COMMERCIAL	☐ REMODEL	☐ TEMPORARY BUILDING
☐ REPLACE FURNACE	☐ INDUSTRIAL	☐ REPAIR	☐ OTHER_____
☐ HVAC	☐ INSTITUTIONAL		
☐ OTHER_____	☐ PUBLIC		

PLUMBING SECTION: SPECIFY NUMBER OF FIXTURES_____ IS A PLUMBING PLAN ATTACHED? ☐ YES ☐ NO

DESCRIPTION OF WORK_____

DOES YOUR PLUMBING PLAN INCLUDE A FIRE SPRINKLER ☐ YES ☐ NO LAWN SPRINKLER ☐ YES ☐ NO

MECHANICAL SECTION:

HEATING UNIT (☐ Gas) (☐ Other_____) (Efficency _____%) (Size_____BTU)
(☐ Sealed Combustion) (☐ Direct or Power Vented) (☐ Atmospherically Vented) (☐ Other_____)
WATER HEATER (☐ Electric) (☐ Gas) (☐ Sealed Combustion) (☐ Direct or Power Vented) (☐ Atmospherically Vented)
COOLING UNIT (Size_____) (Seer_____)

ENERGY / VENTILATION SECTION:

MINNESOTA ENERGY CODE COMPLIANCE METHOD: ☐ CHAPTER 7670 (Attach appropriate worksheet)
☐ CHAPTER 7672 (Attach appropriate worksheet)
☐ CHAPTER 7674 (Attach appropriate worksheet)
☐ CHAPTER 7676 (Attach appropriate worksheet)

SIGNATURE OF: ☐ OWNER ☐ CONTRACTOR ☐ AUTHORIZED AGENT DATE

ESTIMATED VALUE OF WORK (INCLUDING LABOR) IS THIS VALUE INCLUDED IN BUILDING PERMIT? ☐ YES ☐ NO

I certify that the information contained herein is correct and agree to do the proposed work in accordance with the ordinances and codes of the City of Saint Peter regulating building construction. If the person making this application is not the property owner, the applicant represents that the owner has authorized such work and the submittal of the application. Approved plumbing/mechanical permits are issued to the applicant. The permit holder is responsible for all required inspections and corrections to completion.

BUILDING OFFICIAL APPROVAL DATE

PLUM/MECH PERMIT FEE _____
PLAN REVIEW FEE _____
STATE SURCHARGE _____
TOTAL PERMIT FEE _____
RECEIPT #_____
ISSUED BY_____

City of St. Peter

Building Department
227 South Front
St. Peter, MN 56082
Phone: 507- 934- 0662 Fax: 507- 934- 4917

PLUMBING-MECHANICAL PERMIT APPLICATION

Permit Number_____

- ☐ PLUMBIMG PERMIT
- ☐ MECHANICAL PERMIT
- ☐ BOTH
- ☐ FIRE SPRINKLERS
- ☐ LAWN SPRINKLERS

BUILDING SITE ADDRESS (OR) LOT BLOCK PHONE

PROPERTY OWNER ADDRESS PHONE

PLUMBING CONTRACTOR LICENSE # ADDRESS PHONE

MECHANICAL CONTRACTOR ADDRESS PHONE

ELECTRICAL CONTRACTOR LICENSE # ADDRESS PHONE

ARCHITECT/ENGINEER LICENSE # ADDRESS PHONE

CLASS OF WORK	BUILDING USE	TYPE OF WORK	TYPE OF STRUCTURE
☐ NEW	☐ SINGLE FAMILY RES.	☐ NEW BUILDING	☐ PRINCIPLE BUILDING
☐ ADDITION	☐ TWO FAMILY RES.	☐ EXISTING BUILDING	☐ GARAGE
☐ ALTERATION	☐ THREE + FAMILY RES.	☐ ADDITION	☐ ACCESSORY BUILDING
☐ REPLACE WATER HEATER	☐ COMMERCIAL	☐ REMODEL	☐ TEMPORARY BUILDING
☐ REPLACE FURNACE	☐ INDUSTRIAL	☐ REPAIR	☐ OTHER_____
☐ HVAC	☐ INSTITUTIONAL		
☐ OTHER _____	☐ PUBLIC		

PLUMBING SECTION: SPECIFY NUMBER OF FIXTURES_____ IS A PLUMBING PLAN ATTACHED? ☐ YES ☐ NO

DESCRIPTION OF WORK_____

DOES YOUR PLUMBING PLAN INCLUDE A FIRE SPRINKLER ☐ YES ☐ NO LAWN SPRINKLER ☐ YES ☐ NO

MECHANICAL SECTION:

HEATING UNIT (☐ Gas) (☐ Other_____) (Efficency _____%) (Size_____BTU)
(☐ Sealed Combustion) (☐ Direct or Power Vented) (☐ Atmospherically Vented) (☐ Other_____)

WATER HEATER (☐ Electric) (☐ Gas) (☐ Sealed Combustion) (☐ Direct or Power Vented) (☐ Atmospherically Vented)

COOLING UNIT (Size_____) (Seer_____)

ENERGY / VENTILATION SECTION:

MINNESOTA ENERGY CODE COMPLIANCE METHOD:
☐ CHAPTER 7670 (Attach appropriate worksheet)
☐ CHAPTER 7672 (Attach appropriate worksheet)
☐ CHAPTER 7674 (Attach appropriate worksheet)
☐ CHAPTER 7676 (Attach appropriate worksheet)

SIGNATURE OF: ☐ OWNER ☐ CONTRACTOR ☐ AUTHORIZED AGENT DATE

ESTIMATED VALUE OF WORK (INCLUDING LABOR) IS THIS VALUE INCLUDED IN BUILDING PERMIT? ☐ YES ☐ NO

I certify that the information contained herein is correct and agree to do the proposed work in accordance with the ordinances and codes of the City of Saint Peter regulating building construction. If the person making this application is not the property owner, the applicant represents that the owner has authorized such work and the submittal of the application. Approved plumbing/mechanical permits are issued to the applicant. The permit holder is responsible for all required inspections and corrections to completion.

BUILDING OFFICIAL APPROVAL DATE

PLUM/MECH PERMIT FEE _____
PLAN REVIEW FEE _____
STATE SURCHARGE _____
TOTAL PERMIT FEE _____
RECEIPT #_____
ISSUED BY_____

CITY OF SAINT PETER ENERGY CODE WORKSHEET

(To be used with MNCheck Computer Program)

BUILDING ADDRESS:_____ **DATE:**_____

CONTRACTOR/OWNER:_____

1. **GROSS CEILING AREA:** Raised Heel (Energy Truss) = _____Square Feet "R"-Value_____

   Standard Truss – Flat ceiling or scissors truss = _____Square Feet "R"-Value_____

   Cathedral Ceiling = _____Square Feet "R"-Value_____

2. **GROSS WALL AREA:** (1st Floor) _____Lineal Feet x _____Height = _____ Square Feet. "R"-Value_____

3. **GROSS WALL AREA:** (2nd Floor) _____Lineal Feet x _____Height = _____ Square Feet. "R"-Value_____

4. **GROSS RIM JOIST AREA:** _____Lineal Feet x _____Height = _____ Square Feet. "R"-Value_____

5. **GROSS KNEEWALL AREA:** _____Lineal Feet x _____Height = _____ Square Feet. "R"-Value_____

6. **GROSS BASEMENT WALL AREA:** _____Lineal Feet x _____Height = _____Square Feet "R"-Value_____

7. **GROSS CRAWL SPACE FOUNDATION AREA:** _____Lin. Ft. x _____Hgt.= _____Sq. Ft. "R"-Value_____
   (From top of footing to top of wall)

8. **FLOOR OVER UNCONDITIONED SPACE AREA:** =_____Square Feet "R"-Value_____
   (Areas over garages, crawl space, unconditioned basement, etc.)

9. **FLOOR OVER OUTSIDE AIR:** =_____Square Feet "R"-Value_____

10. **PERIMETER OF HEATED SLAB ON GRADE:** (If applicable) =_____Lineal Feet "R"-Value_____

11. **HOUSE WINDOW AREA:** (Of same "U" Value) =_____Square Feet "U"-Value_____

12. **HOUSE WINDOW AREA:** (Of same "U" Value) =_____Square Feet "U"-Value_____

13. **HOUSE WINDOW AREA:** (Of same "U" Value) =_____Square Feet "U"-Value_____

14. **FOUNDATION/BASEMENT WINDOW AREA** (Maximum "U" Value of 0.51) =_____Square Feet "U"-Value_____

15. **PATIO DOOR AREA:** =_____Square Feet "U"-Value_____

16. **ENTRY DOOR AREA:** (Less than 50% Glass) =_____Square Feet "U"-Value_____

17. **ENTRY DOOR AREA:** (More than 50% Glass) =_____Square Feet "U"-Value_____

18. **SKYLIGHT WINDOW AREA:** (Maximum "U" Value of 0.55)_____Square Feet "U"-Value_____

19. **FURNACE AFUE:** (Efficiency rating) Rating_____

20. **AIR CONDITIONER SEER RATING:** SEER_____

COMMENTS: _____

_____

_____ 5-04

Get a copy of MNcheck for yourself – www.state.mn.us/ebranch/admin/buildingcodes (click on Links) (click on REScheck) (click on download REScheck software) (click on download REScheck for windows) Register software, then follow directions.

INFORMATION NEEDED FOR MECHANICAL & ENERGY CODE (VENTILATION):

Sq. ft. (including basement): _____

Average height of ceiling: _____

No. of bedrooms (including future): _____

Ventilation type (balanced or exhaust): _____

HRV (yes or no) ERV (yes or no)

Defrost deduction: _____ % CFM (low) _____ CFM (high) _____

No. of water heaters: _____ How vented? _____ Input BTU's _____

No. of Furnaces: _____ How vented? _____ Input BTU's _____

Gas fireplace? Yes or no Type: _____ Input BTU's _____

Solid fuel fireplace: (yes or no)

Largest other exhaust fan (cfm):

List other exhaust fans & CFM for each: _____

Combustion space: width:_____ length: _____ height:_____

State of Minnesota
Board of Electricity

Residential Electrical
Inspection Checklist

Generally, **Minnesota law** requires all electrical work to be performed by licensed, bonded, and insured electrical contractors and their employees.

Homeowners, within strict limitations, are exempt from Electrical licensing.

*An **owner** is a natural person who physically performs electrical work on premises the person owns and actually occupies as a residence or owns and will occupy as a residence upon completion of construction.*
Minnesota Statues 326.01, Subd. 6e

A separate request for electrical inspection form with the required fees must be submitted to the Board of Electricity at or before commencement of any electrical installation that is required by law to be inspected.

Installers of electrical wiring shall schedule a final inspection when the electrical work is completed, prior to the electrical wiring being utilized and the associated space occupied.

CONTRACT INSPECTOR
Minnesota State Board of Electricity
Nicollet-Le Sueur County Inspector
Keith Hollnagel
1-507-665-6213

INSPECTORS ARE AVAILABLE WEEKDAYS ONLY
Between 7:00 am and 8:30 am

When an **owner** files a Request for Electrical Inspection form and inspection fees with the Board of Electricity or other electrical inspection authority, that person is signing an affidavit that they own and occupy the residence and that they personally and physically will perform all of the electrical work, including the laying out of such work.

It is illegal for an **owner** to install electrical wiring in mobile home or recreational vehicle parks, or on property that is rented, leased, or occupied by others.

01 **Minnesota Rules 3800.3770** A ROUGH-IN INSPECTION must be made before any wiring is covered by insulation, sheetrock, paneling, or other materials. Underground wiring must be inspected to assure the minimum burial depth.

02 **Where wiring is concealed before inspection,**
the person responsible for concealing the wiring shall be responsible for all costs resulting from uncovering and replacing the covering material.
Minnesota Rules part 3800.3770

Except for the final connection to switches, receptacles, and lighting fixtures, all ground wires and other wires in boxes must be spliced and pigtailed for the rough-in inspection. A FINAL ELECTRICAL INSPECTION is required when all wiring has been completed and all devices, lighting fixtures, and appliances have been installed and tested.

16 cu
2cuin
4cuin
4cuin
2cuin
28 cu in

General Circuitry

03 **NEC 210.11 and 422.12** In addition to the branch circuits installed to supply general illumination and receptacle outlets in dwelling units, the following minimum requirements apply:
Two 20-amp circuits for the kitchen receptacles
One 20-amp circuit for the laundry receptacles
One 20-amp circuit for the bathroom receptacles
One separate, individual branch circuit for central heating equipment

04 **NEC 210.52** Receptacles installed in the kitchen to serve countertop surfaces shall be supplied by not less than two separate 20 amp small appliance branch circuits.

05 **NEC 300.3** All conductors of the same circuit, including grounding and bonding conductors, shall be contained in the same raceway, cable, or trench.

06 **NEC 408.4** All circuits and circuit modifications shall be legibly identified as to purpose or use on a directory located on the face or inside of the electrical panel doors.

07 **NEC 240.3** The rating of the fuse or circuit breaker generally determines the minimum size of the circuit conductor, per the following table:

Fuse or Circuit Breaker Size	Minimum Wire Size	
	Copper	Aluminum
15 amp	14	n/a
20 amp	12	n/a
30 amp	10	8
40 amp	8	6
50 amp	6	4

Note: Conductors that supply motors may have overcurrent protection that exceeds the general limitations in the above chart

08 **NEC 406.3** Receptacle outlets shall be of the grounding type, be effectively grounded, and have proper polarity.
09 **NEC 210.52** Receptacle outlets in habitable rooms shall be installed so that no point measured horizontally along the floor line in any wall space is more than 1.8 m [6'] from a receptacle outlet. A receptacle shall be installed in each wall space 600 mm [2'] or more in width.
10 **NEC 210.52** At kitchen countertops, receptacle outlets shall be installed so that no point along the wall line is more than 600 mm [24"] measured horizontally from a receptacle.
11 **NEC 406.4** Receptacles shall not be installed in the face-up position in countertops or similar work surfaces
12 **NEC 210.52** A receptacle outlet shall be installed at each counter space 300 mm [12"] or wider, and at each island counter or peninsular space 600 mm [24"] by 300 mm [12"] or larger. Countertop spaces separated by range tops, sinks or refrigerators are separate spaces
13 **NEC 210.52** Outdoor receptacles, accessible at grade level and no more than 2 m [6.5] above grade, shall be installed at the front and back of a dwelling.
14 **NEC 210.12** All branch circuits supplying 125-volt, 15 and 20 amp outlets in dwelling unit bedrooms shall be protected by a listed arc-fault circuit interrupter device.
Ground-Fault Protection
15 **NEC 210.8** At dwellings, ground-fault circuit-interrupter (GFCI) protection shall be provided for all receptacle outlets installed in bathrooms, garages, grade-level portions of unfinished accessory buildings, crawl spaces, unfinished basements, kitchen countertops, wet-bar sinks, boathouses and outdoors. Receptacles that are not readily accessible may be exempt from the GFCI requirement.
16 **NEC 680.71** A hydromassage bathtub that has a re-circulating piping system designed to discharge water upon each use, and its associated components shall have GFCI protection.
17 **NEC 680.71** All 125 volt receptacles not exceeding 30 amperes installed within 5 feet of the inside walls of the hydromassage bathtub shall be GFCI protected.
18 **NEC 406.8** 15 and 20 amp, 125 and 250 volt receptacles installed outdoors in a wet location shall have an enclosure that is weatherproof whether or not the attachment plug is inserted.
19 **NEC 680.71** All equipment associated with a hydromassage bathtub shall be accessible without damaging the building structure or finish.

The insulating value of human skin is drastically reduced when a person is wet Special requirements in the NEC help protect against the hazards of electricity and conductive pool water. See the Board of Electricity brochure entitled "Swimming Pools, Fountains, Spas and Hot Tubs"

Wiring Methods

20 **NEC 314.23** All electrical boxes shall be securely supported by the building structure.
21 **NEC 314.27** Boxes used as the sole support for a ceiling paddle fan shall be listed and labeled for such use.
22 **NEC 334.30 and 334.17** Type NM (nonmetallic) cable shall be secured at intervals not exceeding 1.4 m [4.5'] and within 300 mm [12"] of each box. When a single gang box 57 mm x 100 mm [2¹/a" x 4"] or smaller is used without a cable clamp, the cable shall be secured within 200 mm [89 measured along the sheath.

23 **NEC 314.17** The outer jacket of NM cable shall extend into the box a minimum of 6 mm ₍ₖ inch.]
24 **NEC 300.14** The minimum length of conductors, Including grounding conductors, at all boxes shall be 150 mm [6"] with at least 75 mm [3"] outside the box.
25 **NEC 300.4** Where cables are installed through bored holes in joists, rafters, or wood framing members, the holes shall be bored so that the edge of the hole is not less than 32 mm [1Y "] from the nearest edge of the wood member. Where this distance cannot be maintained, or where screws or nails are likely to penetrate the cable, it shall be protected by a steel plate at least 1.6 mm [1/16"] thick and of appropriate length and width.
26 **NEC 300.22** Type NM cable shall not be installed in spaces used for environmental air, however NM is permitted to pass through perpendicular to the long dimension of such spaces.
27 **NEC 250.134; 314.4; 404.9** All electrical equipment, metal boxes, cover plates, and plaster rings shall be grounded. All switches, including dimmer switches, shall be grounded.
28 **NEC 110.12 & 314.17** Unused openings in boxes shall be effectively dosed. When openings in non-metallic boxes are broken out and not used, the entire box must be replaced.
29 **NEC 110.14** Only one conductor shall be installed under a terminal screw. In boxes with more than one ground wire, the ground wires shall be spliced with a "wire tail" or "pig tail" attached to the grounding terminal screw.
30 **NEC 110.14 & 300.15** Splices shall be made with an approved splice cap or "wire nut" and shall be made in approved electrical boxes or enclosures. Wire splicing means for direct burial shall be identified for such use.
31 **NEC 314.25 & 410.12** In a completed installation, all outlet boxes shall have a cover, lampholder, canopy for a luminaire, or device with an appropriate cover plate.
32 **NEC 314.19** Junction boxes shall be installed so that the wiring contained in them can be rendered accessible without removing any part of the building.
33 **NEC 314.16** The volume of electrical boxes shall be sufficient for the number of conductors, devices, and cable clamps contained within the box. Nonmetallic boxes are marked with their cubic inch capacity. Use the following table to properly calculate box size:

Conductor Size	14 gauge	12 gauge
For each separate insulated wire	32.8 cm3 (2 in. 3)	36.9 cm3 (2.25 in. 3)
All ground wires (combined)	32.8 cm3 (2 in. 3)	36.9 cm3 (2.25 in. 3)
For each device (switch/receptacle)	32.8 cm3 (2 in. 3)	36.9 cm3 (4.5 in. 3)
All internal cable clamps (combined)	32.8 cm3 (2 in. 3)	36.9 cm3 (2.25 in 3)

		Sample Calculation:
Four "#14/2 w/ground' cables:		
Eight insulated wires	264.4 cubic centimeters	16 cu in
All ground wires	32.8 cubic centimeters	2 cu in
One switch	65.6 cubic centimeters	4 cu in
One receptacle	65.6 cubic centimeters	4 cu in
All clamps	32.8 cubic centimeters	2 cu in
Total box volume required	461.2 cubic centimeters	28 cu in

34 **NEC 410.8** Luminaires (lighting fixtures) installed in clothes closets shall have the following minimum clearances from the defined storage area (see the definition below):
300 mm [12"] for surface incandescent fixtures
150 mm [6"] for recessed incandescent fixtures
150 mm [6"] for fluorescent fixtures

35 **NEC 410.8** Storage space, as applied to an electrical installation in a closet, is the volume bounded by the sides and back closet walls and planes extending from the closet floor vertically to a height of 1.8 m [6 ft] or the highest clothes-hanging rod and parallel to the walls at a horizontal distance of 600 mm [241 from the sides and back of the closet walls respectively, and continuing vertically to the closet ceiling parallel to the walls at a horizontal distance of 300 mm [121 or the width of the shelf, whichever is greater.

36 **NEC 410.8** Incandescent luminaires with open or partially enclosed lamps and pendant fixtures or lampholders are not permitted in clothes closets.

37 **NEC 410-66** Recessed lighting fixtures installed in insulated ceilings or installed within 13 mm [1/29 of combustible material shall be approved for insulation contact and labeled as Type IC.

The Minnesota Energy Code, part of the State Building Code,
requires penetrations into exterior walls and ceilings to be
sealed to prevent the leakage of airborne moisture into unheated spaces.

38 **Minnesota Rules 3800.3620** All electrical equipment, including luminaires, devices, and appliances shall be LISTED AND LABELED by a nationally recognized testing laboratory as having been tested and found suitable for a specific purpose. Underwriters Laboratories (UL) and the Canadian Standards Association (CSA) are two of the recognized agencies.

39 **NEC 110.3** All electrical equipment shall be installed and used in accordance with the listing requirements and manufacturer's instructions.

Electrical Services

40 **NEC 310-15** CONDUCTOR SIZES FOR 120/240 VOLT SINGLE-PHASE DWELLING SERVICES AND FEEDER

Copper	Aluminum	Service Rating
4 AWG	2 AWG	100 amps
1 AWG	2/0	150 amps
2/0	4/0	200 amps

41 **NEC 230.7** Conductors other than service conductors shall not be installed in the same service raceway or cable.

42 **NEC 110.14** Conductors of dissimilar metals shall not be intermixed in a terminal or splicing device unless the device is listed for the purpose. Listed anti-oxidant compound shall be used on all aluminum conductor terminations unless information from the device manufacturer specifically states that it is not required.

43 **NEC 300.7** Portions of raceways and sleeves subject to different temperatures (where passing from the interior to the exterior of a building) shall be sealed with an approved material to prevent condensation from entering the service equipment.

44 **NEC 230.54** Where exposed to weather, service entrance conductors shall be rain-'tight and arranged to drain.

45 **NEC 300.4** Where raceways containing ungrounded conductors No. 4 or larger enter a cabinet, box, or enclosure, the conductors shall be protected by a conduit bushing providing a smoothly rounded insulating surface.

46 **NEC 230.70** The electrical service disconnecting means shall be installed at a readily accessible location either outside a building or structure or inside nearest the point of entrance of the service-entrance conductors.

47 **NEC 230.70 & 240.24** Electrical panels shall be readily accessible and shall not be located in bathrooms or in the vicinity of easily ignitable materials such as clothes closets.

48 **NEC 110.26** The depth of working space in the direction of access to live parts, when the voltage to ground does not exceed 150 volts, shall be a minimum of 3 feet. The minimum width of working space in front of electrical equipment shall be the width of the equipment or 30 inches, whichever is greater. This workspace shall be clear and extend from the floor to a height of 6½ feet This space shall not be used for storage.

49 **NEC 110.26** Illumination shall be provided for all work spaces about electrical service equipment.

Grounding

50 **NEC 250.50** A premises electrical service shall be connected to a grounding electrode system consisting of a metal underground water pipe in direct contact with earth for 3.0 m [10'] or more, if available on the premises, and supplemented by a rod, pipe, or plate electrode.

An additional electrode must supplement
the buried water pipe electrode.

51 **NEC 250.64 & 250.66** The grounding electrode conductor shall be unspliced. The size is determined by the size of the service-entrance conductors, per the following chart::

Equivalent Size of Service Entrance Conductor		Size of the Grounding Electrode Conductor	
Copper	Aluminum	Copper	Aluminum
4 AWG	2	8	6
1 AWG	2/0	6	4
2/0 or 3/0	4/0 or 250	4	2

The grounding electrode conductor that is the sole
connection to a rod, pipe or plate electrode is not required
to be larger than #6 copper.

52 **NEC 250.28** A main bonding jumper or the green bonding screw provided by the panel manufacturer shall be installed in the service panel to electrically bond the grounded service conductor and the equipment grounding conductors to the service enclosure.

53 **NEC 250.104** The interior metal water piping and other metal piping that may become energized shall be bonded to the service equipment with a bonding jumper sized the same as the grounding electrode conductor.

54 **NEC 300.5** Direct buried cable or conduit or other raceways shall meet the following minimum cover requirements:

Direct Burial Cable	Rigid or Intermediate Metal Conduit	Non Metallic Raceway (PVC)
600 mm [24"]	150 mm [6"]	450 mm [18"]
Residential brands circuits rated 20 amps or less at 120 volts or less and with GFCI protection at their source are allowed a minimum cover of 300 mm [12"]		

55 **NEC 300.5** Underground service conductors shall have their location identified by a warning ribbon placed in the trench at least 300 mm [12"] above the underground installation.
56 **NEC 300.5** Where subject to movement, direct buried cables or raceways shall be arranged to prevent damage to the enclosed conductors or connected equipment
57 **NEC 300.5** Conductors emerging from underground shall be installed in rigid metal conduit, intermediate metal conduit, or Schedule 80 rigid nonmetallic conduit to provide protection from physical damage. This protection shall extend from 450 mm [18"] below grade or the minimum cover distance to the point of termination above ground.

Board of Electricity
Electrical Inspection Fees

The minimum fee for each separate inspection of an installation, replacement, alteration, or repair is $20.

The inspection fee for the installation, addition, alteration, or repair to a service, change of service, temporary service, generator or other power supply source or feeder shall be per the chart below.

Each Service, Generator or Other Source Of Supply	
0 to and including 400 amps @ $25	
401 to 800 amps @ $50	

The inspection fee for the installation, addition, alteration, or repair of each circuit or feeder, feeder tap, or set of transformer secondary conductors including the equipment served, shall be per the chart below:

Each Circuit or Feeder	
0 to and including 200 amps @ $5	
Over 200 amps @ $10	

The TOTAL fee cannot be less than
$20 for each required inspection trip.

ONE & TWO FAMILY DWELLINGS, EACH UNIT Includes the Service/Power Supply up to 500 Amperes, All Circuits, and Two Inspection Trips	
Each Dwelling Unit @ $80	
Additional Inspection Trips @ $20	

- Example 1: For a residential air conditioner installation involving one circuit and one inspection trip the electrical inspection fee is $20, the minimum fee.

For a project where more circuits or feeders (rated less than 200 amps) are involved, the fee is calculated by multiplying the number of Circuits installed or altered by $5.

- Example 2: For a detached structure that involves the installation of a feeder ($25) and 2 circuits ($10) requiring an inspection of the wiring to be concealed and a final inspection, the inspection fee is $40, the cost of two inspection trips.

58 **Minnesota Staute 326.2441** Whenever a re-inspection is necessary to determine whether unsafe conditions have been corrected, a re-inspection fee of $20 may be assessed in writing by the inspector.

The above fees apply generally. Fees for other specific
Types of installations apply as identified in
Minnesota Statues 326.2441

State of Minnesota
Board of Electricity
1821 University Avenue Suite S-128
Saint Paul, Minnesota 55104
Phone 651-642-0800 Fax 651-642-0441
TTY/MRS 1-800-627-3529

www.electricity.state.mn.us

DAILY LOG OF SITE INSPECTIONS

LOG NO.	INSPECTION LOCATION/TYPE	INSPECTOR	DATE

INSPECTOR(S) TO RECORD ALL SITE INSPECTIONS/VISITS ON THIS LOG FORM

"BUILDING SAFETY IS NO ACCIDENT"

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