

Grundy County Building and Zoning Office
1320 Union Street
Morris, Illinois 60450
815-941-3228



07/22/2015

TO: Home Builders and General Contractors

FROM: Building and Zoning Office

We look forward to working with you as you construct in Grundy County. As we are a service organization we would like to provide you as much information on the steps and information necessary to obtain a single family home permit such that it is a rewarding experience.

This packet will help by telling you what is needed for submittal, fees, and what inspections are necessary during this process.

BUILDING PERMITS:

1) Plans that are submitted for a permit:

- Need to be stamped by an engineer or architect registered in the State of Illinois.
- The plans should consist of a full electric plan, HVAC system, foundation plan, stair plan, and window and door schedules.
- There should be included at the time of submitting the plans, a compliance sheet that shows that the home complies with the energy conservation code. (In order to download a copy of the free software, you can complete a search using any search engine and type in ResCheck. It is easily downloaded from that point and an easy-to-use program).

2) Permit fees:

- Each single family building permit costs \$1,500.00 which includes all costs for review, inspections, and occupancy.
- School Site Donation, depending on the Fair Market Value of your property and a brick and mortar fee established by the Regional School Department for the school district.

3) Passive radon system:

- Shall be installed in all homes. Code requires that a natural draft passive radon system be installed on all new construction of single-family residences.
- Radon gas is the second-leading cause of lung cancer; it is a cause of concern for all home owners.

4) The turnaround time for a building permit:

- 10 working days.
- All contractors need to be licensed by our Office prior to issuance of the permit. See last page for the application and details for this licensing.
- We will inform you when the permit is complete and will also state what the cost of the permit is.

REQUIRED INFORMATION FOR SUBMITTAL

CHECKLIST

- _____ Completed application with signatures
- _____ Two sets of plans that are stamped and signed by a registered architect or engineer in the state of Illinois.
- _____ Plat of survey for entire parcel showing exact location of the driveway, setbacks for the home and the acreage amount of that parcel.
- _____ School Site Donation Land Cash Amount from Assessor's
- _____ Approved culvert permit from Township Road Commissioner
- _____ Fire Department approval of Driveways when greater than 200' in length.
- _____ Septic and well permit from Environmental Health Department
- _____ Drainage District notification
- _____ Floodplain information when applicable and an approval from IDNR for the proposed construction of the home.
- _____ For properties located in A- Agriculturally Zoning District, proof that the deed complies to the requirements of the additional 20 acres of preserved Ag land associated with this parcel.

Grundy County Land Use
 1320 Union Street
 Morris, IL 60450
 Heidi Miller Director/ Cheryl Wardell Assistant
 815-941-3228 / 815-941-3229
 E-mail: hmillier@grundyco.org



BUILDING PERMIT APPLICATION

1. Owners Name _____
2. Mailing Address: _____
3. Telephone (home) _____ Cell _____
4. Building Address: _____
5. Property Tax I.D. _____ Cost of Improvement _____
6. Description of Improvement: _____

7. Building Dimensions W: _____ L: _____ H: _____	8. Area Added Basement _____ sq. ft. 1 st Floor _____ sq. ft. 2 nd Floor _____ sq. ft.	9. Stories (Please check) <input type="radio"/> 1 - Story <input type="radio"/> 2- Story <input type="radio"/> Other _____
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10. # of bedrooms _____ 11. # Of bathrooms Full _____ $\frac{3}{4}$ _____ $\frac{1}{2}$ _____
12. Sign Wall Ground Illuminated Non-Illuminated
- Width _____ Length _____ Lot Frontage _____ height _____

No error or omission in either the plans or application, whether said plans or application has been approved by the building inspector or not shall permit or relieve the applicant from constructing the work in any other manner than that provided for in the ordinance of this municipality relating thereto. The applicant having read this application and fully understanding the intent thereof declares that the statements made are true to the best of my knowledge and belief.

Signature of Applicant: _____ Date: _____

Issued by: _____ Date: _____ Permit Expiration Date: _____

Total for Permit: _____ Approved by: EH _____ FD _____ Zoning _____

Payment /Type: Cash _____ Check # _____ Date Paid _____ Receipt # _____

Project Contractors

General Contractor: _____

Address: _____ Telephone Number: _____

_____ Cell Number: _____

Excavator Contractor: _____

Address: _____ Telephone Number: _____

_____ Cell Number: _____

Electrical Contractor: _____

Address: _____ Telephone Number: _____

_____ Cell Number: _____

Roofing Contractor: _____

Address: _____ Telephone Number: _____

_____ Cell Number: _____

State License Number: _____

Concrete Contractor: _____

Address: _____ Telephone Number: _____

_____ Cell Number: _____

HVAC Contractor: _____

Address: _____ Telephone Number: _____

_____ Cell Number: _____

Insulation Contractor: _____

Address: _____ Telephone Number: _____

_____ Cell Number: _____

Drywall Contractor: _____

Address: _____ Telephone Number: _____

_____ Cell Number: _____

Other: _____

Address: _____ Telephone Number: _____

Cell Number: _____

If there are any changes to the above list, contact us immediately at (815) 941-3228.

INSPECTION INFORMATION

BUILDING INSEPCIONS: Monday, Thursday and Friday

PLUMBING INSPECTIONS: Monday and Thursday after 3:00 PM

A twenty-four (24) hour notice in advance for all inspections is required. Please provide the name of the applicant, address and phone number in case the inspector needs make contact.

INSPECTIONS NEEDED

1. LOCATION: Proposed construction needs to be staked such that the inspector will be able to determine that the required setbacks have been followed.
2. FOOTING
3. FOUNDATION
4. BACKFILL
5. UNDERGROUND PLUMBING
6. BASEMENT, GARAGE AND DRIVEWAY
7. ELECTRICAL SERVICE
8. ROUGH FRAMING/HVAC/ELECTRICAL
9. ROUGH PLUMBING
10. FINAL FOR BOTH PLUMBING AND BUILDING – Note a visible address conforming to the Fire Department District must be on the mailbox and the house.

In order to receive a final occupancy for your building a final approval from the Environmental Health Department for the septic and well installation needs to be obtained. Once the Building office receives this information and a final building and plumbing inspection has passed, an occupancy certificate will be completed. Note that no occupancy of the structure shall be done until this certificate is obtained.

Any reinspections due to a failed inspection are required to be paid prior to the reinspecting the home. All resinspections fees need to be paid prior to that scheduling. Reinspections are \$75.00/each.

- All inspections shall be called in to our assistant 24 hours prior to the intended inspection. Building inspections are scheduled on Monday, Thursday and Fridays all day long and plumbing on Monday and Thursday after 3:00 PM. All inspections may be scheduled by calling Sandy at (815) 941-3228 or by email at cwardell@grundyco.org.

SCHOOL DONATIONS:

If the lot in which you are constructing is a part of a subdivision:

- The school contribution amount has already been calculated but may need to be updated. In addition a brick and mortar fee will also be assessed at this time.

For lots where this amount has not yet been determined:

- The school site donation form included in this packet will need to be completed and returned to the Grundy County Assessor's office.
- Once completed by the assessor, it is sent to our office.
- Well and septic costs will need to be provided in order to determine the full cost of the donation.
- At the time of permit issuance you will need to provide two checks. One check will be exclusively for the school site donations/brick and mortar fees and the other for the permit amount.
- All checks shall be written to the Grundy County Treasurer.

All new construction of single-family residences must have a port-a-potty at the time of the footing pre-pour inspections as required by the State of Illinois.

The Building Department appreciates your cooperation as always. If there are any questions on this information please call us at (815) 941-3228 or (815) 941-3229.

Thank you for your interest in Grundy County.

I have read the Information Packet and understand the information that has been provided and requested of me. I understand that I must comply with all the rules and regulations of the Grundy County Planning, Zoning and Building Department. I understand that I cannot move into the residence until an Occupancy Permit has been completed and have contacted the office for the results.

Home Owner(s): _____ Date: _____
(Required signature)
_____ Date: _____
(Required signature)

I have read the Information Packet and completed the specification sheet and understand the information that has been provided and requested of me. I understand that the Home Owner and I must comply with all the rules and regulations of the Grundy County Planning, Zoning and Building Department. I understand that the Home Owner may not move into the residence until a FINAL INSPECTION has been completed and have contacted the office for the results.

General Contractor: _____ Date: _____
(Required signature)

**PLUMBING CONTRACTOR
SIGN OFF SHEET**

I have read the Information Packet and understand the information that has been provided and requested of me. I understand that the Home Owner and I must comply with all the rules and regulations of the Grundy County Building and Zoning Office. I understand that the Home Owner may not move into the residence until a FINAL INSPECTION has been completed and have contacted the office for the results.

Plumbing Contractor: _____ Date: _____

License Number: _____

Phone Number: _____

We request that you provide a ladder at the time of the underground plumbing inspection. If a ladder is not provided you may fail this inspection and a reinspection fee will be applied.

Passive Radon System details required for all new homes.

PASSIVE SUB-SLAB DEPRESSURIZATION RADON CONTROL SYSTEM FOR NEW CONSTRUCTION

NOTES:

1. ALL CONCRETE SLABS THAT COME IN CONTACT WITH THE GROUND SHALL BE LAID OVER A GAS-PERMEABLE MATERIAL MADE UP OF EITHER A MINIMUM 4" THICK UNIFORM LAYER OF CLEAN AGGREGATE, OR A MINIMUM 4" THICK UNIFORM LAYER OF SAND, OVERLAIN BY A LAYER OR STRIPS OF MANUFACTURED MATTING DESIGNED TO ALLOW THE LATERAL FLOW OF SOIL GASES.
2. ALL CONCRETE FLOOR SLABS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH LOCAL BUILDING CODES. ADDITIONAL REFS: AMERICAN CONCRETE INSTITUTE PUBLICATIONS, "ACI302.1R" & "ACI332R," OR THE POST TENSIONING INSTITUTE MANUAL, "DESIGN AND CONSTRUCTION OF POST-TENSIONED SLABS ON GROUND."
3. ALL OPENINGS, GAPS AND JOINTS IN FLOOR AND WALL ASSEMBLIES IN CONTACT SOIL OR GAPS AROUND PIPES, TOILETS, BATHTUBS OR DRAINS PENETRATING THESE ASSEMBLIES SHALL BE FILLED OR CLOSED WITH MATERIALS THAT PROVIDE A PERMANENT AIR-TIGHT SEAL. SEAL LARGE OPENINGS WITH NONSHRINK MORTAR, GROUTS OR EXPANDING FOAM MATERIALS AND SMALLER GAPS WITH AN ELASTOMERIC JOINT SEALANT, AS DEFINED IN ASTM C920-87.
4. VENT PIPES SHALL BE INSTALLED SO THAT ANY RAINWATER OR CONDENSATION DRAINS DOWNWARD INTO THE GROUND BENEATH THE SLAB OR SOIL-GAS-RETARDER MEMBRANE.
5. CIRCUITS SHOULD BE A MINIMUM 15 AMP, 115 VOLT.

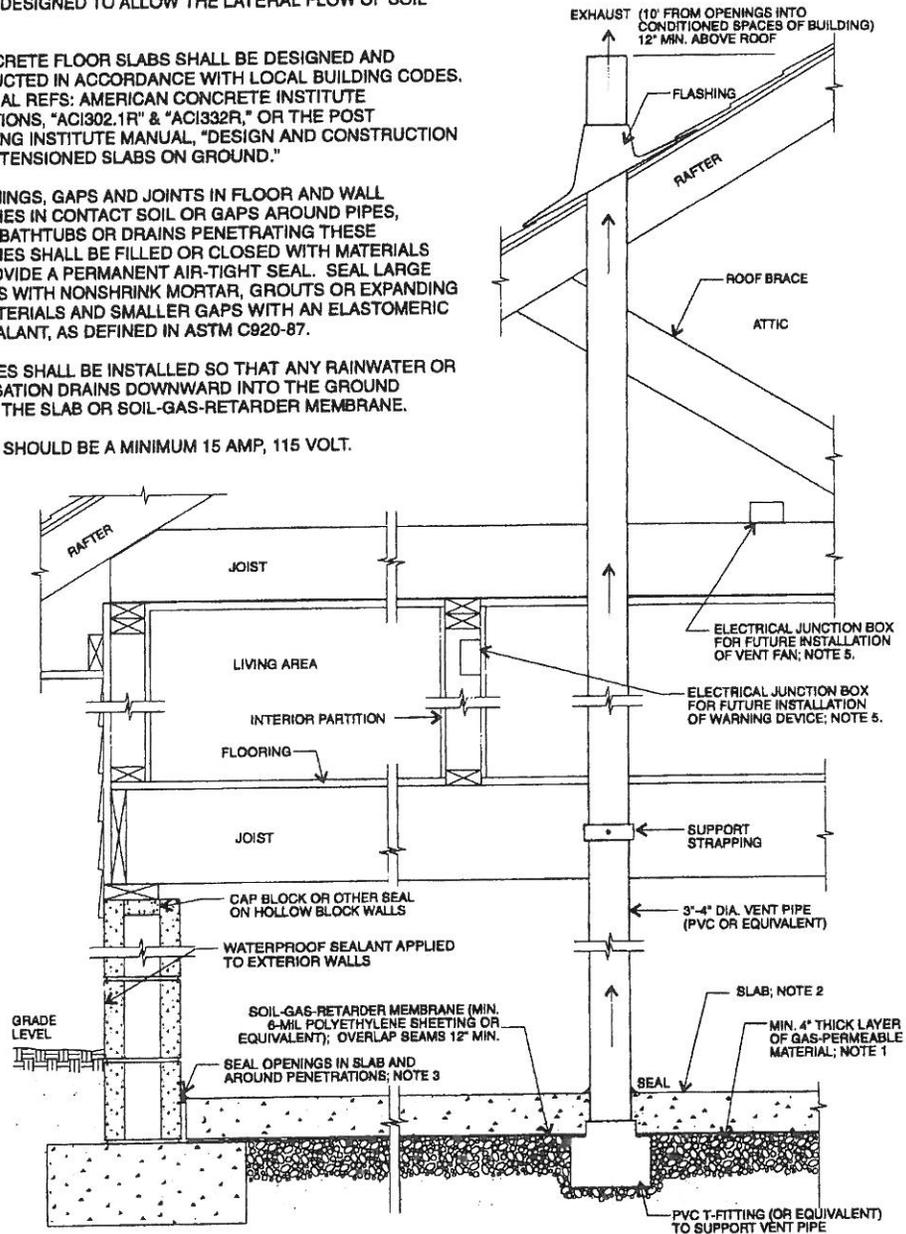
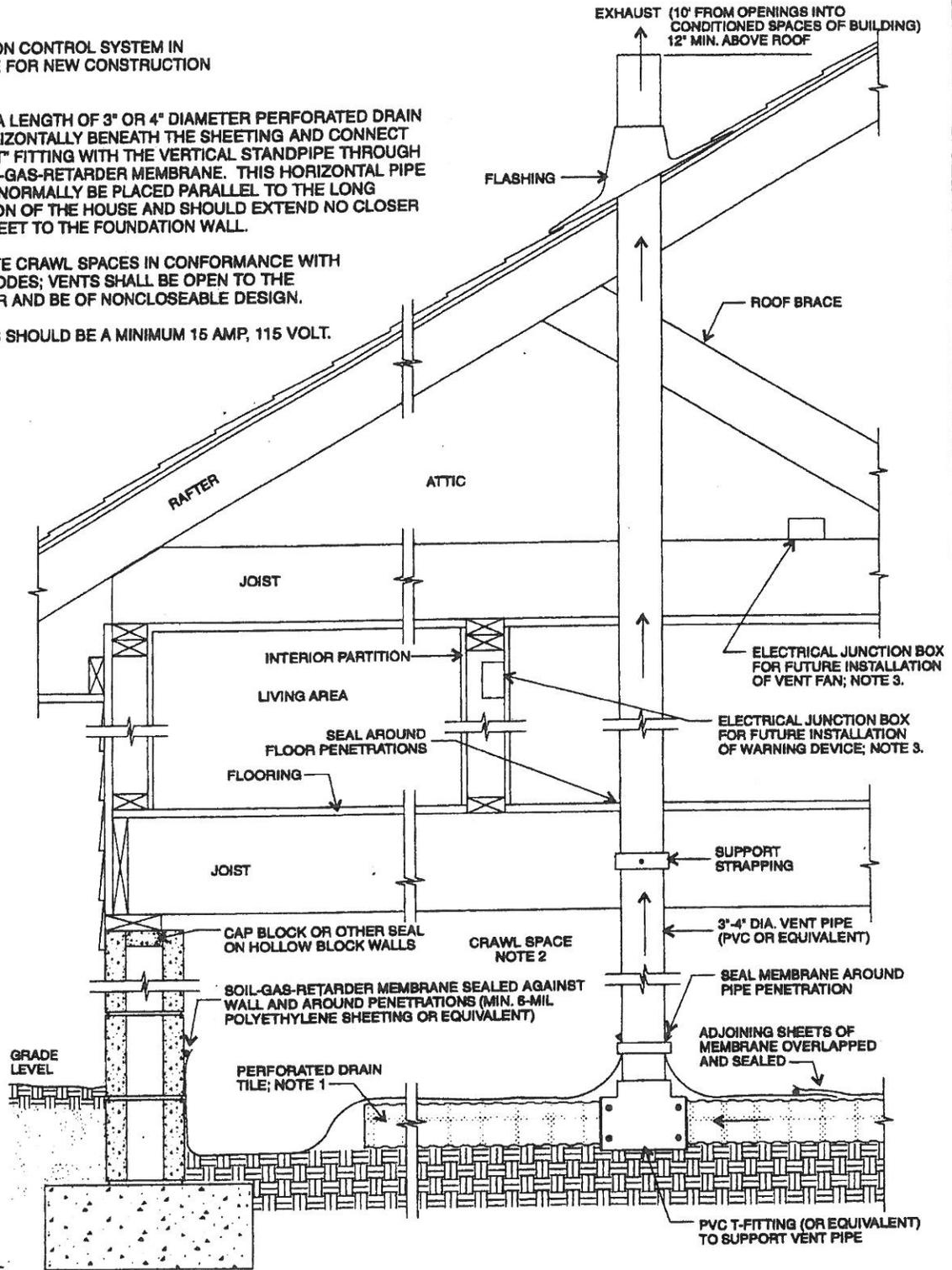


Figure 5
PASSIVE SUB-SLAB DEPRESSURIZATION SYSTEM

PASSIVE RADON CONTROL SYSTEM IN CRAWL SPACE FOR NEW CONSTRUCTION

NOTES:

1. INSTALL A LENGTH OF 3" OR 4" DIAMETER PERFORATED DRAIN TILE HORIZONTALLY BENEATH THE SHEETING AND CONNECT TO THE "T" FITTING WITH THE VERTICAL STANDPIPE THROUGH THE SOIL-GAS-RETARDER MEMBRANE. THIS HORIZONTAL PIPE SHOULD NORMALLY BE PLACED PARALLEL TO THE LONG DIMENSION OF THE HOUSE AND SHOULD EXTEND NO CLOSER THAN 6 FEET TO THE FOUNDATION WALL.
2. VENTILATE CRAWL SPACES IN CONFORMANCE WITH LOCAL CODES; VENTS SHALL BE OPEN TO THE EXTERIOR AND BE OF NONCLOSEABLE DESIGN.
3. CIRCUITS SHOULD BE A MINIMUM 15 AMP, 115 VOLT.



**Figure 6
PASSIVE SUB-MEMBRANE DEPRESSURIZATION SYSTEM**

SETBACK REQUIREMENTS

A - Agricultural

Front Yard - 50'
Side Yard - 30' or 50'
when adjoining a street
Rear Yard - 50'

AR - Agricultural Residential

Front Yard - 50'
Side Yard - 50'
when adjoining a street.
Rear Yard - 50'

R -200 Single Family Residential District

Front Yard - 50'
Side Yard - 40'; corner side yard 50'
Rear Yard - 50'

R-40 Single Family Residential District

Front Yard - 50'
Side Yard - 30'; corner side yard 50'
Rear Yard - 40'

R - 12 Residential District

Front Yard - 25'
Side Yard - 10'; corner side yard 30'
Rear Yard - 30'

Illinois Route 47 Setbacks

Setback - 40' from the center line required for frontage road.

Additional - 40' required for frontage road.

Example - 40' + 40' + Zoning District Setback = Total Setback.

Setback District for Thoroughfares: (roads, streets, highways)

One-half the required width of the thoroughfare- measured from the center lines of the existing thoroughfare. Thoroughfares shall include federal, state, county highways and township roads.

- 1) Ex: Road way is 100' wide then 100' divided by 2 equals 50'. 50' is the setback plus the yard requirement for that district.
- 2) Ex: In a district which has front yard requirement of 25' as in an R-12 district and a 100' road way width then the distance for a structure to be located is 75' from the center line.
- 3) Ex: If road way is 66' and yard required is 50' then the total setback is 83'; because 66' divided by 2 equals 33' and 33' plus 50' equals 83'.

Exception to the above rule:

- 1). Setback where streets are not designated as a thoroughfare then setback is only what is required for the front or side yard in that district. Ex: a lane would be classified as a non-designated thoroughfare, and would only have to have the front and/or side yard setback.
- 2). And when there are existing structures occupying more than 30% of

the street frontage within 1,800' or block, whichever is less, then the setback can be the average setback line of the existing structures.

Agriculture Districts - A: total area requirements (size).

Single-family residence - 20 acres, including the division which may include one lot having a minimum of 1.5 acres. All other lots shall be 5 acres or greater in size.

Agriculture-Residential District - A-R:

Single-family residence - 3 acres; one lot may be 1.5 acres in size

Please fill out the following information and return to:

**Ms. Stephanie Kennedy
Grundy County Supervisor of Assessments
111 E. Washington Street
Morris, IL 60450**

SCHOOL SITE LAND-CASH DONATION REQUIREMENT

The Grundy County Land-Cash Ordinance requires that a fee be collected for every single-family residence constructed in unincorporated Grundy County to reflect the impact of the new residence on the local schools. For lots located within a subdivision, that fee was established at the time of final plat approval by the County Board. For lots not located in a subdivision, the school site land-cash fee will be determined at the time of the building permit application. Applicants must contact the Grundy County Supervisor of Assessments in order to determine the fair market value of an unimproved acre of property in order to determine the fee.

Parcel Identification (PIN # or legal description): _____

Subdivision Name _____ Lot # _____

"Fair Market Value" of un-improved acre of land: _____
(For Assessors use only) (School District #)

Verification: _____
Supervisor of Assessments Office

The following information is requested to help the county to determine the impact of the new residential development on the school districts. Please provide the following.

Name:

Address of New Residence:

Number of bedrooms:

Well cost _____

Septic cost _____

(FOR OFFICE USE ONLY, DO NOT WRITE BELOW THIS LINE)

Total cost _____

Grade school donation _____

Middle school donation _____

High school donation _____

Total donation _____

Grundy County Fire Service Driveway Specifications

This form is to be completed by the property owner, approved by the Fire Department having jurisdiction and returned to the Grundy County Zoning Office. These are minimum specifications and apply only to driveways in excess of 200 feet in length (property line to structure).

Property Owner Name: _____

Address: _____

City _____, IL, _____

Telephone Number: _____ Tax ID Number: _____

Effected Fire Department: _____

Specifications:

1. Unrestricted Height B Minimum 14 feet (Maintained by property owner)
2. Unrestricted Width B Minimum 16 feet (Maintained by property owner)
3. Driveway installed per attached: A Private Road Standards B Connection to Public Roads@
 - a. Driveway to be complete prior to combustible material being brought on site.
4. Gates:
 - a. Minimum width B 16 feet
 - b. Must be recessed off of the right away a minimum of 48 feet. This will provide the necessary turning radius, allowing fire apparatus entrance.
 - c. The department having jurisdiction may require the installation of a Knox Box at the gate.
 - i. Knox Box to be installed at the expense of the property owner.
5. Culvert to be installed per : A Private Road Standards B Connection to Public Roads@
 - a. Minimum turning radius of 45 feet.
 - b. Culvert must be galvanized.
 - c. The length of the culvert will be determined by the depth that the culvert is installed.
6. At the residence end of the driveway there must be:
 - a. An unrestricted area 60 feet by 60 feet allowing the fire department adequate space to operate in event of an emergency. This space will be constructed to the same specifications as the driveway.
 - b. The location of this space shall be within 75 feet of the structure.
7. Provide and include the following attachments:
 - a. County plat with property and location of driveway clearly marked on it.
 - b. Plat of the property with location of driveway clearly marked on it.
8. A reflective numerical sign will be installed at the driveway entrance.
Sign will be specified by the fire department having jurisdiction.

The inspection of the driveway construction will be a function of the Grundy County Zoning Officer.

A waiver approved by the fire department having jurisdiction must accompany this form for all deviations from these specifications.

Date _____ / _____ / _____

Signature of Fire Chief or Designee

Grundy County Fire Service Driveway Specifications

Waiver Form

The following are deviations from the Grundy County Fire Service Driveway Specifications@. These deviations are approved by the Fire Department having jurisdiction.

\$

\$

\$

\$

Knox Box:

Yes

No

Date: ____ / ____ / ____

Signature of Fire Chief or Designee

GRUNDY COUNTY
CULVERT/ENTRANCE PERMIT

In order to receive a building permit, your entrance culvert must be properly installed. **This form must be completed** and returned to Grundy County Building and Zoning Office **after the culvert has been installed** and approved by the highway authority.

Location or address of the property _____

Name of road providing access to property _____

Highway Authority (County or Township) _____

Length and diameter of culvert installed _____

Culvert material (corrugated metal, plastic, etc) _____

Name of Property Owner

Address:

Installation of culvert and entrance approved by:

Signature

Title

Date

Grundy County Township Highway Commissioners

<u>Township</u>	<u>Highway Commissioner</u>	<u>Address</u>
Aux Sable 942-9630 (Garage)	Ray Underhill 815-467-6832	8960 E. Route 6 Morris, Illinois 60450
Braceville 237-2000 (Garage) 237-9850 (Office)	Greg Hodgen 815-634-2906	3935 N. Merrill St Braceville, Illinois 60407
Erienna 735-5416 (Cell)	Stephen Mann 815-357-8659	7200 West Old Stage Road Morris, Illinois 60450
Felix 634-7288 (Garage) 671-1609 (Cell)	David Allen 815-634-4131	615 N. 5 th St. Carbon Hill, IL 60416
Garfield 237-8070 (Garage) 343-2367 (Cell)	Dean Christenson 815-237-2350	P.O. Box 323 307 Cedar Street Gardner, Illinois 60424
Goodfarm 584-3357 (Garage) 252-0454 (Cell)	James Roeder 815-584-0454	840 Scully Rd. Dwight, Illinois 60420
Goose Lake 942-5706 (Garage) 405-9105 (Cell)	Bruce Trotter 815-634-4168	525 North Gorman Road Mazon, Illinois 60444
Greenfield 237-2098 (Garage) 585-2663 (Cell)	Ken Lampert 815-237-8898	Oak Street, Box 118 So. Wilmington, Illinois 60474
Highland 586-4613 (Garage) 405-0381 (Cell)	Mark Harlow 815-392-4267	P.O. Box 766 Kinsman, Illinois 60437
Maine 252-7994 (Cell)	James White 815-739-6823	4635 S. Jugtown Rd. Gardner, IL 60424
Mazon 448- 2267 (Garage)	Edwin Walker 815-448-2420	R.R. #1, Old Mazon Road Mazon, Illinois 60444
Nettle Creek 509-7800 (Cell) 955-4219 (Cell)	Ryan Cryder 815-942-2938	5240 W. Airport Road Morris, Illinois 60450
Norman 228-3860 (Cell)	Brad Baker 815-942-3860	955 N. Gonnam Rd. Verona, Illinois 60479
Saratoga 942-2139 (Garage)	Homer Ellis 815-405-5169	1730 Airport Rd. Morris, IL 60450
Vienna 815-287-9831 (Garage) 474-0438 (Cell)	James Gonnam 815-287-2208	555 South Gonnam Road Verona, Illinois 60479
Wauponsee 815-942-4243 (Garage)	Mark Doerfler	675 E. Southmor Rd. Morris, Illinois 60450

FARMLAND PRESERVATION POLICY

The majority of land in Grundy County is used primarily for agricultural purposes while at the same time the need for residential housing is increasing, thereby creating the potential for conflict between residents of new residential subdivisions and developed in close proximity to existing farmland.

When you live within a rural area in Grundy County, you may encounter a number of practices that the area farmers have been and will be doing in their normal farming practices carried out for agricultural purposes such as:

- 1) Wide, slow moving farm equipment on roads or in fields at various times of the day or night.
- 2) Dust or odors from the operation of machinery as well as herbicides, pesticides, fertilizers and manure being applied to the farmland.
- 3) Wind blown debris, such as corn stalks, soybean residue, husks, etc.
- 4) On rare occasion, airplanes applying herbicides, pesticides, or other materials.
- 5) Odors from livestock operations or stray livestock.
- 6) Drainage problems and flooding may occur during heavy rainfall.

Illinois Compiled Statutes, Chapter 5, paragraph 1101 et. seq. (1989) provides farmers with a statutory defense against nuisance suits where a farm has been in operation for more than one year and operated according to the established standards of the farming community for the type of operation being conducted.

It is the official stated policy of the County of Grundy to encourage development within the county to occur in such a fashion as to minimize conflict between farming and other land uses. This policy is expressed in the current zoning regulation and shall be incorporated into any new plan prepared by the County.

I have read and understand the policy of Grundy County regarding the protection of agricultural operations within the county.

(Signature)

(Date)

Drainage District Notification Letter

The drainage districts within Grundy County would like to be notified of any permitted work that is being completed within their district. We ask that you complete this form and send it to your Drainage District. To determine which Drainage District you are located in, you may refer to your tax bill.

Drainage District Effected: _____

Name: _____

Address: _____

Phone Number: _____

Improvement: _____

I hereby verify that the above listed information is true.

Signature

Date

Please provide this verification sheet to your Drainage District representative and also provide a copy of this to our office at the time of permit application.

Grundy County Building and Zoning Office
1320 Union Street
Morris, Illinois 60450
815-941-3228



Application for Contractor License

Date: _____

Company Name: _____

Address: (No PO Box) _____

City: _____ State: _____ Zip: _____

Business Phone: _____ Business Fax: _____

Mailing Address: (If different from above) _____

Contact Information:

Name: _____ Title: _____

Cell Phone: _____ Email: _____

Type of Work Company Performs:

Note: Applications will not be processed until receipt of the following:

1. A Certification of Insurance for the minimum coverage of \$500,000.00 Personal Property Damage and Bodily Injury Naming Grundy County as Holder. If applicable, certificate must show adequate Workman's Compensation Coverage.
2. A Licensing and Permit Bond (L&P Bond) in the amount of \$10,000.00 that covers all aspects of the work you do in the County.
3. Contractor and Sub-Contractors registration is \$100.00
4. Roofing, Fire Sprinkler, Lawn Irrigation and Private Alarm Contractors must submit their State of Illinois License/Registration. Electrical Contractors must submit their Electrical License issued by the Licensing Authority.

I agree to comply with current Grundy County Building Codes.

Owner/President/Partner Signature: _____

For office use only:

Fee: _____

License #: _____

Cash: _____

Approved: _____

Date: _____

Check#: _____

Grundy County
Land Use Department
1320 Union Street
Morris, IL 60450
(815) 941-3229
(815) 941-3432 (fax)



COLD WEATHER REQUIREMENTS

The Grundy County Land Use Department enforces the 2009 International Code Council (I.C.C.) building series of codes.

Cold weather is defined as when conditions are such that the outdoor ambient temperature is less than 40 degrees F for four days.

The following requirements will be employed for cold weather concrete pours:

Subgrade:

- 1) Excavations shall not be left open for greater than twenty four hours (24) hours.
- 2) All excavations for concrete pours shall be protected from frost migration immediately after excavation with the use of thermal blankets.
- 3) Subgrade shall be free of any ground water, ice, or frost prior to pour.

Footings:

- 1) Footings are allowed to be poured with the temperature is 20 degrees F and rising with the following stipulations enforced
 - Concrete shall be maintained at a temperature of 50 degrees F for a period of three consecutive days after the placement of the concrete.
 - Protection in the form of thermal blankets shall be provided in place for the period of three days following the pour.

Foundations:

- 1) Foundation walls may be poured when the outside ambient air temperature is 40 degrees F or above. ACI 318-08 requirements will be applied if the outside ambient air temperature is below 40 deg F.
- 2) Concrete shall be maintained at a temperature of not less than 50 degrees F for a minimum of seven (7) consecutive days.
- 3) Insulated blankets need to be provided for the entire height and width of the poured walls and shall be left on for curing for a period of 3 days or greater.

Flatwork:

- 1) Minimum air temperature shall be 32 deg F and rising for the pour.
- 2) The excavated site, stone subgrade shall be free from frost or water, and shall be protected with thermal blankets prior to the pour.
- 3) Thermal blankets shall be used after the pour and maintained in place for a period of 5 days after pour.
- 4) Concrete contractor may use high strength concrete with a minimum of a 6-bag mix with the condition that the temperature of the concrete is maintained at 50 deg F for a period of three (3) days following the pour with the use of a thermal blanket.

Admixtures:

- 1) The use of Calcium Chloride is prohibited.
- 2) Any admixtures that are used for water reduction and setting time modification shall conform to the requirements of standard ASTM C494.
- 3) Any admixtures for use in producing flowing concrete shall conform to ASTM C1017.
- 4) Air-entraining admixtures shall conform to ASTM C260.

By signing as the General Contractor/Owner, I understand that the cold weather requirements will be followed:

General Contractor/Owner

Date