



RESIDENTIAL APPLICATION

Building Permit, Utility Installation, Inspection & Certificate of Occupancy Guidelines and Requirements

BUILDING PERMIT GUIDELINES AND REQUIREMENTS

RESIDENTIAL APPLICATION: Building permit application for one- and two-family dwellings, multi-family dwellings, and additions to existing residential buildings.

The following is required before your building permit application can be considered for approval:

1. Application for Building Permit and Certificate of Zoning Compliance completed in full and signed.
2. Show a detailed site plan of your lot using the graph page of the application, or attach separately.
3. Include drawings of the floor plan, elevation view, and cross-section of the roof, wall, or foundation.
4. Email a PDF of all drawings to zoning@waterloo.il.us.
5. Application for Natural Gas Service completed in full and signed, if service is requested.
6. Application for Electric Service completed in full and signed, if service is requested.

The City of Waterloo has adopted the 2006 International Residential Code with revisions, the National Electric Code, the National Fuel Gas Code and NFPA 54, and the Illinois State Plumbing Code. Consult Chapter 6, Building Code, of the City of Waterloo Code of Ordinances for details.

Please note: Plumbers and roofers must be licensed by the State of Illinois.

All utility connection fees, inspection fees and building fees must be paid before the building permit can be issued.

PARTICLE BOARD. In no case shall particle board (OSB), yellow pine or chipboard be used for roof sheathing. Roof Sheathing must be ½ inch fir plywood grade or better, or the Zip System® roof panels with the Zip System® tape.

UTILITY INSTALLATION INFORMATION

For Gas and Electric Installation, contact the Utility Department at 618-939-8600, ext. 216. Allow at least one (1) week notice.

Don't forget to call JULIE, Illinois' One-Call System, at 811 or 800-892-0123 before you dig.

INSPECTION GUIDELINES AND REQUIREMENTS

It is the responsibility of the applicant to notify the appropriate contact when work has progressed to a point where an inspection is required.

REQUIRED INSPECTIONS AND CONTACTS

- ✓ **SITE** – building is staked along with lot lines - City of Waterloo Building Inspector at 618-939-8600 ext. 208.
- ✓ **BUILDING*** - footings, waterproofing/backfill; frame and electrical; and final occupancy – City of Waterloo Building Inspector at 618-939-8600 ext. 208 (*48 hour notice required*).
- ✓ **INTERIOR PLUMBING** – below grade rough-in; above grade rough-in; and final occupancy - Plumbing Inspector at 618-410-4908.
- ✓ **SEWER LATERAL** – upon completion of tap-in but prior to covering (Must be installed as shown in City of Waterloo Construction Details.) - City of Waterloo Utility Department at 618-939-8600, ext. 216. (If applicant notifies the City by 9:30 a.m., inspection will be same day. If applicant notifies the City after 9:30 a.m., inspection will be the next business day.)
- ✓ **EXTERIOR PLUMBING** – upon installation of water service but prior to covering ** (Must be flared connection to the Curb Stop – 1" K Copper.) - City of Waterloo Utility Department at 618-939-8600, ext. 216. (If City is notified by 9:30 a.m., inspection will be same day; if after 9:30 a.m., inspection will be the next business day.)

* For more detailed requirements, contact the City of Waterloo Building Inspector or the Plumbing Inspector.

** For details of water service installation, see attached Detail "W-6" or contact the City of Waterloo Utility Department.

CERTIFICATE OF OCCUPANCY

When the Building Official receives confirmation of final inspection approval from the Building Inspector and Plumbing Inspector, and notification from the Public Works Department that water and natural gas have been approved and turned on, a Certificate of Occupancy can be obtained.

It is a violation of the City of Waterloo Ordinance to occupy or utilize any new structure for any purpose until the Building Official has issued a Certificate of Occupancy.

I have read and understand the above Building Permit Guidelines and Requirements.

Applicant



CITY OFFICES
100 West Fourth Street
Waterloo, Illinois 62298
(618) 939-8600

APPLICATION FOR RESIDENTIAL BUILDING PERMIT AND CERTIFICATE OF ZONING COMPLIANCE

FOR OFFICE USE ONLY

Permit Number: _____ Date: _____
Permit Issued: _____ Square Feet of Improvement: _____
Permit Fee: _____
Permit Denied: _____
Cause of Denial: _____

1. Name of Applicant(s): _____ Date: _____
Address: _____
Phone: _____
Email Address: _____

2. Property Interest of Applicant: () Owner () Contractor () Contract Purchaser
() Lessee () Other

3. Name of Owner (if other than applicant): _____
Address: _____ Phone: _____
Email Address: _____

4. Location of Proposed Construction
Address: _____ Lot No: _____
Subdivision (include phase of development): _____

5. Current Zoning District: _____ (zoning map is on the city's website)

6. Existing Use of Property: () Vacant Lot () Residential () Commercial
() Agricultural () Industrial () Other

7. Proposed Use of Property: () Residential () Commercial () Agricultural
() Industrial () Other

8. Type of Residential Construction: () Single Family () Two Family
() Condominium () Multi-Family () Addition to Existing Structure



9. TOTAL Square Feet of Proposed Construction: _____
Interior: _____ Finished Basement: _____
Garage: _____ Covered Patio/Porch: _____ Deck: _____
10. Does the proposed structure lie within any floodplain area? () Yes () No
11. **UTILITIES** – does the current property have any of the following:
Electric Service Connection: () Yes () No Gas Service Connection: () Yes () No
Water Service Connection: () Yes () No Sewer Service Connection: () Yes () No
Lawn Irrigation: () Yes () No
Service Connections Requested:
Electric: () 200 amp () 400 amp () other _____ amp
Gas: () 275,000 btu - standard () 415,00 btu () 1,200,000 btu () other _____ btu
Water (1" meter): () Yes () No Sewer: () Yes () No Lawn Irrigation: () Yes () No
12. **CONTRACTORS:**
General (name and business name): _____
Phone: _____ Email: _____
Electric (name and business name): _____
Phone: _____ Email: _____
State of Illinois License No: _____
Plumbing (name and business name): _____
Phone: _____ Email: _____
State of Illinois License No: _____
Roofing (name and business name): _____
Phone: _____ Email: _____
State of Illinois License No: _____

Application is hereby made for a Certificate of Zoning Compliance and Building Permit, as required under the Ordinances of the City of Waterloo, Illinois for the erection and use of buildings and premises. In making this application, the applicant represents all of the above statements and any attached maps and drawings to be a true and accurate description of the proposed new or altered uses and/or buildings. The applicant agrees that the permit applied for, if granted, is issued on the representations made herein and that any permit issued may be revoked without notice on any breach of representation or conditions. It is understood that any permit issued on this application will not grant right of privilege to erect any structure or to use any premises described for any purpose or in any manner prohibited by the City's Ordinance.

Applicant's Signature: _____
Owner's Signature: _____
(if other than Applicant) _____

TEMPORARY CERTIFICATE OF ZONING COMPLIANCE

Changes in site plans or specifications **SHALL NOT** be made without written approval of the appropriate City Officials. Failure to comply with the above shall constitute a violation of the provisions of the City of Waterloo Zoning Ordinance.

Dated:

Zoning Administrator

NOTICE TO BUILDERS AND CONTRACTORS

Utility Account Requirements for New Residential Construction

Dear Builder/Contractor,

To ensure continuity of utility service and proper account management for newly constructed residential properties, the City is implementing the following requirement for all residential building permits:

Effective immediately, the contractor, builder, or developer responsible for the construction of a new residential dwelling shall establish all required utility accounts in their name upon connection of service. The utility account shall remain in the contractor's name until ownership of the property is transferred and the utility account has been established in the new homeowner's name.

In addition, the contractor, builder, or developer shall be responsible for payment of any required utility deposits associated with the account. Utility accounts will be billed on a monthly basis in accordance with the City's standard billing cycle, and all charges must be paid in full by their due dates. Utility charges may not be accumulated and paid in a lump sum upon sale of the property or transfer of the utility account. To remain eligible for a refund of the deposit, all utility bills must be paid in full and on time throughout the period the account is active.

Upon completion of the residence and transfer of the utility account to the homeowner, the deposit will be refunded to the contractor, builder, or developer, less any outstanding utility charges associated with the account through the date of transfer. Any remaining deposit balance will be returned after the final bill has been calculated and applied.

Utility service will not be activated until the required account has been established and all applicable deposits and fees have been paid. This requirement is intended to prevent interruptions in service and ensure accountability for utility usage during the construction and sale of the property.

If you have any questions regarding utility account setup, deposits, or account transfers, please contact the City Utility Billing Department.

Thank you for your cooperation.



The following shall be included on the site plan:

1. Dimensions of the zoning lot.
2. Dimensions and use of all existing buildings and proposed improvement.
3. Distance of each building from zoning lot lines.
4. Distance of principal building from principal buildings on adjacent lots.
5. Distance between accessory buildings and principal building.
6. Location and dimensions of driveways and off-street parking.
7. Location of all easements.
8. Location of all existing underground utilities (maps are available upon request).
9. Location of proposed utility connections (meter base, gas meter, water service, sewer lateral).
10. Electric meter base shall be on the same side of the building as the transformer.
11. The electric service, gas service, and water service lines shall not cross each other.

Use graph below for drawing of site plan. Include the above.

N

[illegible]

*All of the above information is required before building permit will be issued.
Application is subject to a review period of 10 business days.*

40-2-3 (A) AREA AND BULK REGULATIONS

ZONE DISTRICTS		MINIMUM LOT SIZE				MINIMUM FRONT YARD SETBACKS REQUIRED FROM THE CENTERLINE					MINIMUM YARD DIMENSIONS				BUILDING HGT & COVERAGE		ACCESSORY BUILDING AND USES IF DETACHED MINIMUM DISTANCE TO:					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	Minim. District Size in Acres	Max # of Dwelling Units per Lot	Minim. Area in Square Feet	Width at Bldg Line in Linear Feet	Mean Depth in Linear Feet	Local Street	Collector Streets	Arterial Streets	County Hwys	State and Federal Hwys	Minim. Depth of Side Yard Abutting Street	Depth of Side Yard Abutting a Lot in Feet: Minimum For Either Side	Minim. Dist. to Nearest Bldg on Adjacent Lot	Depth of Rear Yard	% of Site Coverage (Max)	Max. Hgt. of Principal Bldg	Max. Hgt. in Linear Feet	Principal Bldg in Linear Feet	Center Line of Street in Linear Feet	Side Lot Adjacent to Street in Linear Feet	Side Lot Line in Linear Feet	Rear Lot Line in Linear Feet
1. "A - 1" Agricultural	N/A	1 per 5 acres	5 acres	300'	300'	50'	63'	75'	65'	75'	25'	20'	40'	30'	5%	35'	25'	10'	85'	25'	20'	10'
2. "R - 1" Single-Family Residence	15	1 per 18,000 sq. ft.	18,000 sq. ft.	100'	125'	50'	63'	75'	65'	75'	25'	15'	30'	30'	50%	35'	20'	10'	85'	25'	15'	6'
3. "R - 2" Single-Family Residence	10	1 per 14,000 sq. ft.	14,000 sq. ft.	80'	100'	50'	63'	75'	65'	75'	25'	10'	20'	30'	50%	35'	20'	10'	85'	25'	10'	6'
4. "R - 3" Single-Family Residence	5	1 per 10,500 sq. ft.	10,500 sq. ft.	80'	100'	50'	63'	75'	65'	75'	25'	7.5'	15'	25'	50%	35'	20'	10'	85'	25'	4'	6'
5. "R - 4" Two-Family Residence	5	1 per 5,250 sq. ft.	10,500 sq. ft.	80'	100'	50'	63'	75'	65'	75'	25'	10'	20'	30'	50%	35'	20'	10'	85'	25'	4'	6'
6. "R - 5" Multi-Family Residence	5	1 per 4,500 sq. ft.	13,500 sq. ft.	65'	100'	50'	63'	75'	65'	75'	25'	10' * * Zero lot line for ROW Dwellings, however; 10' from bldg end to lot line.	20'	30'	50%	35'	20'	10'	85'	25'	10'	6'
7. "R - 6" Condominium Residences	5	1 per 4,500 sq. ft.	13,500 sq. ft.	65'	100'	50'	63'	75'	65'	75'	25'	7.5'	15'	30'	50%	35'	20'	10'	85'	25'	10'	6'
8. "B - 1" Office Business	N / A	See Use Schedule	10,000 sq. ft.	100'	100'	50'	63'	75'	65'	75'	25'	10'	20'	25'	50%	35'	15'	10'	85'	25'	10'	10'
9. "B - 2" General Business	N / A	See Use Schedule	15,000 sq. ft.	100'	150'	75'	113'	125'	115'	125'	75'	10'	20'	25'	50%	35'	15'	12'	100'	25'	10'	10'
10. "B - 3" Central Business	N / A	See Use Schedule	N / A	N / A	N / A	N / A	N / A	N / A	N / A	N / A	N / A	<u>NONE REQUIRED</u> However, Abutting a "R" District a Side Yard of 15' Required	N / A	20'	80%	N / A	N / A	12'	N / A	N / A	Same as L9 COL13	20'
11. "I - 1" Assembly Industrial	10	N / A	N / A	N / A	N / A	100'	113'	125'	115'	125'	100'	25'	50'	20'	50%	N / A	N / A	12'	100'	25'	N / A	20'
12. "I - 2" General Industrial	20	N / A	N / A	N / A	N / A	100'	113'	125'	115'	125'	100'	50'	100'	50'	50%	N / A	N / A	12'	100'	25'	N / A	20'



APPLICATION FOR RESIDENTIAL NATURAL GAS SERVICE

The undersigned hereby requests that the City of Waterloo provide a gas connection at the following described property to wit:

Name of Applicant: _____

Connection Address: _____

Equipment: *The following described appliances and equipment will be operated with natural gas, to wit:*

	Equipment Item	BTU Input
Furnace	_____	_____
Water Heater	_____	_____
Range	_____	_____
Dryer	_____	_____

Which has a total BTU Input of _____. Applicant agrees to make a new application for any additional equipment or appliances to be added to his/her gas service after this application. The addition of equipment and appliances with total BTU Input greater than that shown herein, without the filing and approval of a new application, shall constitute cause for entire discontinuance of natural gas service by the City.

CONNECTION FEE: Applicant tenders herewith the sum of \$_____ in payment of the "standard" gas connection fee.

1. A "standard" gas connection consists of a service line of up to 75', a meter (415 cubic feet per hour, or less), a stop cock, and other incidental fittings. Service lines, regulators, meters, stop cocks, and other fittings larger than those required for a "standard" gas connection shall be paid for by the applicant at the actual cost to the City.

As an inducement of the City of Waterloo to accept this applicant, the applicant:

1. Agrees to pay for all gas used on said premises at the rates provided by City Ordinance.
2. Agrees to abide by the rules and regulations of said City, and to further pay the minimum rate set by City Ordinance after gas service is available to said premises, but prior to usage by the applicant.
3. Agrees that the City assumes no responsibility for the interruption of service and the City shall have the right to discontinue service to said property for any of the following reasons:
 - a) When the safety of the general public is endangered or public convenience and necessity requires,
 - b) Defective gas services and equipment on said premises,
 - c) City maintenance and construction operations,
 - d) Violation of the City rules and regulations and/or failure to pay charges for service rendered.



All connections to the City Gas Utility Service shall be made by the City.

Connection charges must be paid in full to the City before the City commences work. In the event that additional charges become necessary because of unusual or unexpected circumstances, such charges must be paid in full to the City as soon as the work is completed. Under no circumstances will gas service be initiated until all connection charges are paid in full. Connection charges are non-refundable once work has commenced.

EASEMENT: Applicant by the execution hereof grants unto the City the right to install and maintain the gas service line on the property to be served by said line and the right to extend along and across such property for the making of other service connections from the same gas service line.

TIME LIMITATIONS: The City will not install a gas service line more than 60 days prior to its use for service. If the gas connection is not installed and complete for service within 90 days from the date the application was granted by the City, said application shall be null and void and of no further effect.

RATE: Applicant agrees that unless he otherwise makes written request to the City, he will be billed under the provisions of Rate "General Service".

LANDSCAPING: The applicant hereby agrees to re-landscape, including seeding or sodding, any areas excavated and backfilled by the City and to hold the City harmless for subsidence or sinking of any excavated area on the property.

PROPERTY OWNER LIABLE: The property owner is liable, and by the execution hereof agrees, to promptly pay any delinquent charges for gas service to his tenant. The City reserves the right, and the property owner by the execution hereof agrees, to the discontinuance of gas service to said premises until said delinquent charges are paid.

RULES & REGULATION – PART OF CONTRACT: All the rules and regulations concerning the natural gas system in Ordinance #845, and as thereafter amended, are incorporated and made a part hereof and shall be binding on every gas customer and landlord.

SPECIAL NOTICES AND CONDITIONS: Any special notices and conditions of this application are shown below and are incorporated herein.

Dated at Waterloo, Illinois, this _____ day of _____, 20 _____

Tenant

Owner

Address

Address

Application accepted by the City of Waterloo, IL, this _____ day of _____, 20 _____

Receipt of \$_____ in payment for gas connection hereby acknowledged.

Office Personnel

Account Number(s) _____

SPECIAL NOTICES AND CONDITIONS

Attention of the Applicant, Tennant and Owner is also directed to the following:

Unless otherwise specially provided, every backfill at building wall or other excavation near or under a gas service line (or Main) shall be done with compacted sand to a point at least 6" above the level of the gas service line (or Main). The lateral extent of the sand backfill on each side of the service line shall be equal to the depth of the excavation. That is, for an excavation 5 feet deep, the sand backfill must extend 5 feet on each side of the service. Sand backfill is the preferred method unless special circumstances clearly dictate another means. If a request is made to use a special bracket support, manufactured for the purpose, it must be done in writing to the Superintendent of Utilities and subsequently approved by him in writing.

Please refer to City Ordinance 38-2-17 below for additional requirements:

§ 38-2-17 REGULATIONS RELATIVE TO CUSTOMER'S PIPING, FACILITIES, APPLIANCES AND VENTING.

(A) The responsibility of the city for maintenance and safety of natural gas piping terminates at the outside wall of residential premises, unless the gas meter is located within three feet of the structure, in which case the city's responsibility terminates at the outlet of the meter, as in the case of all other meter settings.

(B) All inside building piping shall be black iron pipe. The pipe from the outlet of the meter shall be of black iron pipe of not less than one inch inside diameter, shall enter the building wall by means of suitable metal strap or clamp at a point not more than 18 inches from the outlet wall, and shall be fastened to the wall at intervals sufficient to make the piping rigid throughout. In instances where piping from the meter enters the wall, the interior end shall be securely fastened so that pipe will not turn when fittings at the meter are put on. The final tie-in of the gas line to the meter shall be made by the customer only after air testing by the customer or his or her agent. Gas will not be turned on to any customer manifold that has not been first air tested for leakage by the applicant or his or her agent and subsequently checked by the city. Testing must be done as a completed system. No partial or temporary service is permitted.

(C) The city does herewith adopt as its rules and regulations and safety practices the rules, regulations and safety practices set forth by the National Fire Protection Association in the latest revision of the National Fuel Gas Code, NFPA 54 and Gas Industry Guidelines, as though those rules, regulations and practices were fully repeated and set forth herein so far as they are not inconsistent with the provisions of this code. In the event of conflict, the more restrictive language shall apply. Any person, firm or corporation installing fuel gas piping or appliances within the gas service area of the city shall follow said rules, regulations and practices.

(D) No surface may be constructed or placed over a gas service line or main which may produce a seal to a building wall or foundation.

(E) All buried natural gas piping facilities owned or served by the city and distribution appurtenances shall conform to the latest revision of NFPA 54 and the Minimum Federal Safety Standards 49 CFR Part 192 and Gas Industry Guidelines as though fully set forth herein. The minimum standards shall apply equally to provide buried facilities and distribution appurtenances. No natural gas piping may be placed or remain beneath any building or sealed surface except in a specified vented casing.

(F) No meter, regulator or any part of a meter setting may be painted or otherwise coated by a customer without written approval of the Public Works Director on a case-by-case basis. Special coatings are required to prevent shorting of insulators.

(G) The city shall not approve **CUSTOMER PIPING**, which as used herein means piping beyond the outlet of the meter. The city may refuse connection or discontinue service upon discovering any conditions which may be in violation of this code or which may create any type of safety hazard, including venting.

(H) Heating plants and water heaters shall be connected to gas piping with rigid pipe, excepting where an AGA-listed flexible connector is furnished by the manufacturer as part of its installation design. AGA-approved appliance connectors may be used only on ranges, clothes dryers or built-in ovens. Sweat fittings shall not be used anywhere in the gas piping.

(I) (1) All gas conversion burners to be installed shall be AGA-listed and approved. All designed heating plants shall be AGA-listed and approved and the manufacturer's recommendations for the installation shall be followed.

(2) No conversion burner shall be installed in an old or ineffective furnace or a boiler which is in poor repair. Test for leakage shall be conducted by the installer in an approved manner before placing a conversion burner in a warm-air heating plant.

(J) No alteration, repair, adjustment, customer relighting, any appliance work or piping work shall be done by city forces beyond the outlet of the meter, except to the extent that it may be required for purposes of safety only. This prohibition shall apply to LP conversions.

(K) (1) No unvented gas appliances, with the exception of kitchen ranges, clothes dryers and ventless gas fireplaces installed in accordance with NFPA 54 and Gas Industry Guidelines, may be installed or operated within the city.

(2) Safety shut-off devices to protect either supply gas or venting failure shall be installed and subsequently tested for proper operation by the installer. Written documentation of the test may be requested. These devices shall be used when approved for or furnished with new heating equipment.

(L) Decorative or supplementary appliances shall be properly vented in accordance with NFPA 54 and Gas Industry Guidelines. These include but are not limited to gas logs and gas log lighters. At any time such units are installed in wood-burning fireplaces, special action must be taken for permanent modifications of the flue damper. Positive assurance must be provided that the damper cannot be fully closed. A permanent hole must be cut or a positive stop attached even if the unit has a safety pilot.

(M) The city shall be notified of any changes or alterations, remodeling or reconstruction affecting gas piping in any building, house or grounds. This shall be done using a new Application for Gas Service or by amending an existing application.

(N) The latest revision of the American National Standard National Fuel Gas Code, identified as the National Fire Protection Association No. 54 and Gas Industry Guidelines, is incorporated herein by reference and made a part hereof as if and to the extent that it is not in conflict with regulations specifically set out herein. The more restrictive language shall apply.

(O) Any customer piping outside the building wall shall be protected from atmospheric corrosion by the customer. It shall be painted at regular intervals after cleaning. Good quality paint suitable for this purpose shall be used.

(P) *Gas connections compliance testing.* There shall be no charge for the first compliance testing of a new gas connection service. Should the first test reveal that the service is not properly installed and ready for connection, all subsequent testing required shall be billed at \$35 for each test during business hours and \$50 for each test during non-business hours. Compliance testing shall be in conformance with NFPA 54 and Gas Industry Guidelines.

(1993 Code, § 38-2-17) (Ord. 726, passed 2-3-1986; Am. Ord. 845, passed 9-3-1991; Am. Ord. 879, passed 1-4-1993; Am. Ord. 909, passed 2-7-1994; Am. Ord. 1247, passed 12-23-2002; Am. Ord. 1394, passed 11-27-2006; Am. Ord. 1837, passed 2-7-2022)

Please refer to City Ordinance 38-2-18 below for additional requirements:

§ 38-2-18 TAMPERING WITH METER, REGULATOR OR ANY PARTS OF THE GAS SYSTEM BELONGING TO THE CITY.

(A) It shall be unlawful for any person, firm, corporation or customer to break the seal of any meter, or in any manner to make any alterations, changes or repairs on the same, or to open any mains, laterals, service pipes, stopcocks, valves or any part thereof or otherwise tamper or attempt to do any work on either or any of them without authority of the city, or its proper authorized agent.

(B) No customer shall be permitted to use the stopcock of the service connection for shutting off gas while making extensions, additions or

repairs to the pipe or interruption of service will be made by the city or its properly authorized employees.

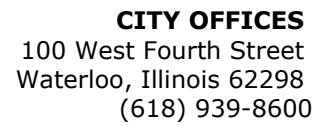
- (C) **TAMPERING** shall include any type of confinement, enclosure, covering over, surface sealing or changing of the environment relative to any parts of the gas system or equipment of the city. Such tampering shall become the liability of the customer, who shall pay the city the actual cost of removal, repairing and/or replacing equipment or material.
- (D) Any person who shall violate any of the provisions of this section, or who shall willfully or maliciously injure or damage any property connected with the Gas System of the city shall be subject to the general penalty provisions of this code.

(1993 Code, § 38-2-18) (Ord. 726, passed 2-3-1986; Am. Ord. 845, passed 9-3-1991; Am. Ord. 1212, passed 12-26-2001)

GAS PIPING INSPECTION and PRESSURE TESTING DETAILS

- THE CITY WILL PERFORM A PIPE INSPECTION PRIOR TO THE PRESSURE TEST, TO ENSURE ALL PIPING/VENTING CONFORMS WITH ALL CITY ORDINANCES AND NFPA54 CODES.
- ALL CUSTOMER MANIFOLD PIPING MUST BE BLACK IRON TO EACH APPLIANCE VALVE AND PROPERLY SUPPORTED
- TESTING WILL ONLY BE DONE ON A COMPLETED SYSTEM, NO PARTIAL OR TEMPORARY SERVICE IS PERMITTED.
- EACH APPLIANCE MUST HAVE A VALVE ON EACH APPLIANCE DROP
- ALL APPLIANCE DROPS MUST BE CAPPED AFTER THE VALVE IF NO APPLIANCE IS INSTALLED
- SYSTEM WILL BE PRESSURIZED TO TWO AND ONE-HALF (2 ½) TIMES THE OPERATING PRESSURE OR TO TEN (10) PSI, WHICHEVER IS GREATER
- SAID PRESSURIZATION SHALL BE HELD FOR A MINIMUM OF FIVE (5) MINUTES WITH NO PRESSURE DROP
- ALL APPLIANCES THAT REQUIRE VENTING MUST HAVE VENTING PROPERLY INSTALLED BEFORE THE SERVICE IS TURNED ON
- SERVICE WILL NOT BE TURNED ON UNTIL A SUCCESSFUL PRESSURE TEST AND VISUAL INSPECTION HAS BEEN COMPLETED AND DOCUMENTED BY A CITY OF WATERLOO GAS OFFICIAL

**CONTRACTOR MUST NOTIFY WATERLOO CITY HALL
(618-939-8600) TO REQUEST A GAS TEST WHEN READY AND
ALSO PROVIDE A FORM OF ACCESS TO FACILITIES TO BE
TESTED.**





EASEMENT: Applicant by the execution hereof grants unto the City the right to install and maintain the electric service line on the property to be served by said line and the right to extend along and across such property for the making of other service connections from the same electric service line.

LANDSCAPING: The applicant hereby agrees to re-landscape, including seeding or sodding, any areas excavated and backfilled by the City and to hold the City harmless for subsidence or sinking of any excavated area on the property.

PROPERTY OWNER LIABLE: The owner(s) of any real estate or improvements thereon, or the owner of the beneficial interest of any trust holding title to land or improvements served hereunder shall be responsible for any delinquent charges for electric service to such real estate and/or improvements.

The applicant hereby agrees that the City is under no obligation, nor can it be held liable for any damages for not serving said premises, but it is understood and agreed that the above connection fee will be refunded upon applicant's request if electric service is not available within one (1) year from this date.

We, the undersigned, by execution of this agreement, hereby agree to be bound by all the terms and conditions set forth herein. The undersigned further agrees that the installation will not be placed in operation until proper inspection has been made by the Electric Inspector of the City of Waterloo; or his representative.

Dated at Waterloo, Illinois, this _____ day of _____, 20 _____

Renter Phone #

Owner Phone #

Renter Phone #

Owner Phone #

Mailing Address

Mailing Address

Receipt of \$ _____ in payment for electrical connection hereby acknowledged.

Office Personnel

Account Number(s) _____



WATER SERVICE INSTALLATION

SINGLE METER PIT

QTY.	ITEM #	DESCRIPTION
1	H10810-09	20 X 11 SINGLE HOLE TOUCH READ LID ASSY. LARGE NUT (MUELLER)
1		20 X 36 MS (MID STATES) PLASTIC METER TILE
1	B2404 (1")	1" X 12" METER YOKE WITH BALL VALVE
2	H14222 (1")	1" TP & NUT

DOUBLE METER PIT

QTY.	ITEM #	DESCRIPTION
1	H10810-10	20 X 11 DOUBLE HOLE TOUCH READ LID ASSY. LARGE NUT (MUELLER)
1		24 X 36 MS (MID STATES) PLASTIC METER TILE
1		24 X 20 ADAPTER RING
2	B2404 (1")	1" X 12" METER YOKE WITH BALL VALVE
4	H14222 (1")	1" TP & NUT

NOTE:

- The City of Waterloo requires the use of **MUELLER** products or as indicated above.
- $\frac{3}{4}$ " WATER METERS with Touch Read will be supplied after the meter pit is installed and inspected by the City of Waterloo.
- WATER METERS with Touch Read larger than $\frac{3}{4}$ " shall be supplied by the builder or contractor at his expense.

DETAIL FIGURE W-6

Roof covering _____ lbs per square
Minimum 20 year, 3 tab shingles; 15 lb felt

Roof Sheathing (1/2" minimum or equal)
Ply-clips shall be used -- as required for spacing

Roof Trusses _____ @ _____ centers
If manufactured, roof framing plan required.

Double Top Plate (Typ.)

Interior Wall/Ceiling Finish (Minimum 1/2" sheetrock
Fire separation required between house and garage)

Wall Studs _____ @ _____ centers

Exterior Sheathing (Minimum 7/16" plywood or equal)

Exterior Wall Finish
All plumbing materials to comply with the latest adopted
edition of the Illinois State Plumbing Code
Service line from meter pit to main shutoff in building shall
be min. 200 psi. rated approved potable water pipe.

Subfloor (3/4" tongue and groove minimum)

Band Board

Floor Joist (Manufactured joists require floor framing plan)
Type used: _____
Size: _____
Span: _____
Spacing: _____
Support Beam (not shown)
Type & Size used: _____
Span: _____
Termite Shield (Metalic)

Exterior Grade 3/4" Min. above top of
footing and sloped to drain.

Anchor Bolts 1/2" Ø (spa. 1'-0" from corners min. 6'-0" centers)
Provide anchor bolts on both sides of door openings

Foundation:
Minimum thickness: _____
Min. Reinforcement
#4 Vertical bars @ 48" Centers

Waterproofing/Damp Proofing:
Four inch plastic drain tile inside & outside foundation
walls covered with rock and building paper.
Properly installed form-a-drain acceptable.

Footing: 3/4" Minimum cover to top of footing
Minimum 8" Deep;
Foundation
2 - #4 Bars (1/2") continuous

Provide crushed aggregate as follows:
2" bottom and sides
6" top -- fill between pipe and footing

Two rows of rebar as follows
2 - #4 - 1/2 in. rebar
continuous -- in upper 12"
of foundation wall.

Signature of Contractor/Owner

4" min. floor thickness w/
approved vapor barrier



To: All Building Permit Applicants

As the competent person in charge of this building permit be aware of the following information:

All utility service connections shall not cross each other. Preplan your utility services before construction commences.

The Electric Meter Base Shall be on the same side of the house as the transformer. No Exceptions.

Building permit shall be posted on site at all times during the building process.

Any sediment on a public road shall be removed by shoveling or street cleaning, not flushing, before the end of each work day.

The City Inspector may require silt fence to be installed on a case by case basis any time during the construction process. Please read City of Waterloo ordinance 34-4-26 in regards to erosion control as this will be enforced.

Water service lines from curb stop to inside of basement shall be 1" K copper only.

The screw mechanism on basement steel columns shall be completely encased in concrete. See manufacturers installation instructions.

All city sidewalks shall be poured per City of Waterloo Construction Detail R-5 and ADA minimum standards.

Two inches of expansion joint is required between the back of curb and driveway.

Please be aware when making final grading to ensure proper drainage is taken in consideration along the foundation of buildings (R401.3), side lot lines and rear lot lines. All water must drain away properly from foundation to swales and not on to neighbor's property. During final inspection the building inspector can hold from signing final occupancy until grading is compliant.

Sanitary and Storm Sewer covers/inlets shall be exposed during final inspection. Adjustments are not allowed as these elevations are engineered to the correct height during development. Certificate of Occupancy will not be issued if buried or adjusted. No exceptions.

RESTRICTIVE COVENANTS: You should be aware that there may be restrictive covenants for your subdivision or development that apply to this proposed structure, shed, deck, pool, etc. These restrictive covenants have been recorded at the Monroe County Courthouse and are private agreements between a property owner and a developer or association. It is your responsibility to make certain that your proposed project does not violate any of the provisions of a recorded restrictive indenture, recorded restrictive covenants, or other form of recorded declaration or agreement setting forth restrictions on the use of your property.

You can check with your developer or association, or at the Monroe County Courthouse, to see if there are restrictive covenants for your subdivision or development that may apply to your project.