

# **VILLAGE OF PLAINFIELD**

## **COMMERCIAL “BUILDOUT” PLAN REVIEW REQUIREMENTS**

THE FOLLOWING LIST OF ITEMS IS TO ENSURE ALL REQUIREMENTS ARE MET FOR THE BUILDING DEPARTMENT.

- Completed “Commercial” permit application form.
- The General Contractor and all Sub-Contractors need to register with the village.
- Contact the Building Department @ (815) 439-2937 regarding specific use requirements.
- Three (3) complete sets of plans signed, sealed and dated by the architect/engineer may be required for plan review. Two (2) sets will go to The Building Department and One (1) set will need to be delivered for review to: The Plainfield Fire Protection District @ 703 N. Des Plaines Street, Plainfield, Illinois, 60544, Attn: Jon Stratton.
- If the proposed plan is a restaurant, or food related and sold retail, a set of plans must also be sent for approval to: The Will County Health Department (Northern Branch) @ 323 Quadrangle Drive, Bolingbrook, Illinois, 60440.
- Water Supply Fixture Calculation form. (If Applicable)
- The submitted plans may require a calculation of the average “water in gallons” used daily.
- The plans must pass all Building, Fire, Health and Accessibility codes in order for a permit to be issued. The plans may also require approval from the Planning Department.

**FAILURE TO SUBMIT ALL ITEMS FOR PLAN REVIEW SHALL CAUSE THE PERMIT APPLICATION TO BE REJECTED.**

**THE CUT-OFF TIME FOR SCHEDULING INSPECTIONS IS 3:00 P.M.  
(NO EXCEPTIONS)**

**A MINIMUM “24 HOUR” NOTICE IS REQUIRED PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY.**

# Notice: Revised codes effective November 1, 2010

## VILLAGE OF PLAINFIELD

### RECAPITULATION OF BUILDING CODES

THE VILLAGE OF PLAINFIELD UTILIZES THE FOLLOWING CODES DURING THE PLAN REVIEW AND INSPECTION PROCESS:

#### BUILDING

- ❑ 2006 INTERNATIONAL BUILDING CODE
- ❑ 2006 INTERNATIONAL RESIDENTIAL CODE
- ❑ 2009 INTERNATIONAL ENERGY CONSERVATION CODE – RESIDENTIAL
- ❑ 2009 INTERNATIONAL ENERGY CONSERVATION CODE - COMMERCIAL
- ❑ 2006 INTERNATIONAL PROPERTY MAINTENANCE CODE
- ❑ 2010 VILLAGE OF PLAINFIELD BUILDING CODE
- ❑ 2006 INTERNATIONAL EXISTING BUILDING CODE
- ❑ STATE OF ILLINOIS ACCESSIBILITY CODE – 5/97 ISSUE

#### ELECTRICAL

- ❑ 2005 NATIONAL ELECTRICAL CODE (NEC)
- ❑ 2010 VILLAGE OF PLAINFIELD BUILDING CODE

#### MECHANICAL

- ❑ 2006 INTERNATIONAL MECHANICAL CODE

#### PLUMBING

- ❑ 2004 STATE OF ILLINOIS PLUMBING CODE (INCLUDING ALL LATEST AMENDMENTS AND NEW SECTIONS ADOPTED)
- ❑ 2010 VILLAGE OF PLAINFIELD BUILDING CODE

#### FIRE PREVENTION

- ❑ 2006 INTERNATIONAL FIRE CODE – (INCLUDING ALL LATEST PLAINFIELD or OSWEGO FIRE AMENDMENTS AND NEW SECTIONS ADOPTED)

**NOTE:** FIRE PROTECTION REQUIRES INSPECTIONS FOR ALL COMMERCIAL, INDUSTRIAL, INSTITUTIONAL BUILDINGS AND RESIDENTIAL STRUCTURES OVER TWO (2) UNITS.

The recapitulation of building codes can be found on our website under General Information at: <http://www.plainfield-il.org/departments/building.php>

# VILLAGE OF PLAINFIELD

## COMMERCIAL INTERIOR "BUILDOUT" PERMIT APPLICATION

ADDRESS: \_\_\_\_\_ ZONING: \_\_\_\_\_

WORK PERFORMED: \_\_\_\_\_ ESTIMATED VALUE: \_\_\_\_\_

\*BUSINESS NAME: \_\_\_\_\_ \*OPENING DATE: \_\_\_\_\_

SQUARE FOOTAGE: \_\_\_\_\_  
(Based on Total Gross Area)

CUBIC FOOTAGE: \_\_\_\_\_  
(Based on Average Height)

### CONTRACTOR'S

GENERAL: \_\_\_\_\_  
CONCRETE: \_\_\_\_\_  
PLUMBING: \_\_\_\_\_  
WATER/SEWER: \_\_\_\_\_  
INSULATION: \_\_\_\_\_  
ROOFING: \_\_\_\_\_  
SIDING: \_\_\_\_\_  
OTHER: \_\_\_\_\_

CARPENTRY: \_\_\_\_\_  
ELECTRICAL: \_\_\_\_\_  
EXCAVATOR: \_\_\_\_\_  
HVAC: \_\_\_\_\_  
MASONRY: \_\_\_\_\_  
GYPSUM: \_\_\_\_\_  
EFIS: \_\_\_\_\_

### OWNER/CONTRACTOR

OWNER/LESSEE: \_\_\_\_\_  
Street: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
Phone: (\_\_\_\_) \_\_\_\_\_  
Fax: (\_\_\_\_) \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_  
Street: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
Phone: (\_\_\_\_) \_\_\_\_\_  
Fax: (\_\_\_\_) \_\_\_\_\_

I hereby declare that the above and attached information is correct and agree, in consideration of and upon issuance of a Building & Use Permit, to do or allow to be done only such work herewith applied for, and that such premises and its existing and proposed buildings or structures shall be used or allowed to be used for only such purposes as are set forth above or other uses permitted in the district.

Print Name: \_\_\_\_\_

Sign Name: \_\_\_\_\_

Permit Issued By: \_\_\_\_\_  
(BUILDING OFFICIAL)

Date: \_\_\_\_\_

In Illinois it is the Law to call:

JULIE, INC. @ 1 (800) 892-0123 - Two (2) working days prior to digging to locate utilities.

24401 W. Lockport Street Plainfield, IL 60544  
Phone (815) 439-2937 Fax (815) 609-6114 Web [www.plainfield-il.org](http://www.plainfield-il.org)

12/07

# VILLAGE OF PLAINFIELD

## Water Supply Fixture Calculations

Date: \_\_\_\_\_

Address: \_\_\_\_\_

Plumber: \_\_\_\_\_

<u>Fixture</u>	<u>Quantity</u>		<u>Fixture Units</u>		<u>Total</u>
Water Closet	_____	X	3	=	_____
Lavatory	_____	X	1	=	_____
Bathtub	_____	X	2	=	_____
Shower stall	_____	X	2	=	_____
Kitchen sink	_____	X	2	=	_____
Laundry tray	_____	X	3	=	_____
Dishwasher	_____	X	1	=	_____
Washing machine	_____	X	2	=	_____
Other	_____	X	_____	=	_____

Grand Total: \_\_\_\_\_

**ALL SINGLE FAMILY HOMES WILL BE CHARGED FOR A 1" METER.**

<u>Grand Total</u>	<u>Service Line – Meter Size</u>
Less than 30	1" service line = ¾" meter
30 – 34	1" service line = 1" meter
Greater than 34	1-1/4" service line = 1" meter

**\*THE PLUMBER MUST SIZE THE HOUSE ACCORDING TO THE WATER SUPPLY  
FIXTURE CALCULATIONS.**



# Letter of Intent

## Plumbing Contractors

**Date:** \_\_\_\_\_

**Project Address:** \_\_\_\_\_

**Plainfield, Illinois**

To Whom It May Concern:

It is the intent of \_\_\_\_\_ (name of company) to perform the plumbing work at the above address in Plainfield, Illinois as a subcontractor for \_\_\_\_\_ (name of general contractor).

**Name of Company:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City, State, Zip:** \_\_\_\_\_

**Contact Person:** \_\_\_\_\_

**Contact Number:** \_\_\_\_\_

**Signature of Contractor:** \_\_\_\_\_

**The Building Department must be notified in writing to any changes to contractors.**

77 ILLINOIS ADMINISTRATIVE CODE, PART 890  
ILLINOIS PLUMBING CODE

Section 890. Appendix A PLUMBING MATERIALS, EQUIPMENT, USE  
RESTRICTIONS AND APPLICABLE STANDARDS

Table N Water Supply Fixture Units (W.S.F.U.) for a Supply System with Flush  
Tanks

Water Supply Fixture Units (W.S.F.U.) for a Supply System with Flush Tanks

W.S.F.U.	Demand (GPM)	Pipe Size (Inches)	Pressure Loss (PSI/100' of Pipe)	Velocity (Ft./Sec.)	Meter Size (Inches)
2	2	1/2"	4.2	2.7	5/8"
4	3	1/2"	8.7	4.2	5/8"
6	5	1/2"	22.5	7.0	5/8"
8	6.5	3/4"	6.3	4.3	5/8"
10	8	3/4"	9.0	5.4	3/4"
12	9.2	3/4"	11.5	6.1	3/4"
14	10.4	3/4"	15.0	6.9	3/4"
16	11.6	3/4"	18.0	7.7	3/4"
20	14.0	1"	7.2	5.6	3/4"
25	17.0	1"	10.0	6.6	3/4"
30	20.0	1"	13.6	8.0	1"
35	22.5	1-1/4"	5.8	5.7	1"
40	25.0	1-1/4"	7.0	6.3	1"
45	27.0	1-1/4"	8.2	6.9	1"
50	29.0	1-1/4"	9.5	7.4	1"
60	32.0	1-1/2"	5.0	5.8	1-1/2"
70	35.0	1-1/2"	6.2	6.4	1-1/2"
80	38.0	1-1/2"	7.0	7.2	1-1/2"
90	41.0	1-1/2"	8.0	7.5	1-1/2"
100	43.5	1-1/2"	8.7	7.8	2"
120	48.0	2"	2.7	5.0	2"
140	52.5	2"	3.1	5.4	2"
160	57.0	2"	3.6	5.8	2"
180	61.0	2"	3.9	6.1	2"
200	65.0	2"	4.5	6.6	2"
225	70.0	2"	5.2	7.1	2"
250	75.0	2"	6.0	7.7	3"
275	80.0	2-1/2"	2.6	5.5	3"
300	85.0	2-1/2"	2.9	5.8	3"
350	95.0	2-1/2"	3.5	6.5	3"
400	105.0	2-1/2"	4.2	7.1	3"
450	115.0	2-1/2"	5.0	8.0	3"

(Appendix A/Tables-39)



# Letter of Intent

## Electrical Contractors

**Date:** \_\_\_\_\_

**Project Address:** \_\_\_\_\_

**Plainfield, Illinois**

To Whom It May Concern:

It is the intent of \_\_\_\_\_ (name of company) to perform the electrical work at the above address in Plainfield, Illinois as a subcontractor for \_\_\_\_\_ (name of general contractor).

**Name of Company:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City, State, Zip:** \_\_\_\_\_

**Contact Person:** \_\_\_\_\_

**Contact Number:** \_\_\_\_\_

**Signature of Contractor:** \_\_\_\_\_

**The Building Department must be notified in writing to any changes to contractors.**

# VILLAGE OF PLAINFIELD

## COMMERCIAL ELECTRICAL REQUIREMENTS

THE FOLLOWING LIST OF ITEMS IS REQUIRED TO ENSURE ALL REQUIREMENTS ARE MET FOR THE BUILDING DEPARTMENT ELECTRICAL INSPECTIONS.

1. Breaker lock outs for Exit and Emergency light circuits required.
2. Emergency lights required in all restrooms.
3. Low voltage wiring (fire alarm, phone, and sound) need stub-up piped raceway to ceiling.
4. Service feeds or transformer feeds across parking lots or driveways need to be 36" inches deep if in PVC pipe and backfilled with gravel. If less than 36" inches deep pipe must be rigid or PVC pipe encased in concrete.
5. No services or panels in bathrooms.

# VILLAGE OF PLAINFIELD

## Fire Protection Requirements

All spaces to be equipped with smoke and heat detectors and monitored by a U.L. approved company per NFPA.

Pull stations as required per NFPA.

Utility rooms/locations labeled per Plainfield Fire District.

Fire Extinguishers installed and maintained per NFPA 10.

Knox Box for Fire Department access per Plainfield Fire District.

Sprinkler system as required per International Building Code 2003.

ADA as required per International Building Code 2003.

Address posted per The Village of Plainfield, Building Code.