

VILLAGE OF PLAINFIELD

PATIO APPLICATION REQUIREMENTS (CONCRETE)

The following is a guideline of requirements that need to be met along with the completed application.

APPLICATION:

- ❖ Completed application.
- ❖ Two (2) copies of plat of survey, indicating location and size of patio.
- ❖ Check with your Homeowners Association regarding covenant restrictions.
- ❖ Contact **JULIE, INC. @ 1(800) 892-0123** – Two (2) working days **prior** to digging to locate utilities.

CODE REQUIREMENTS:

- ❖ The concrete thickness must be a minimum of **4"** inches.
- ❖ The gravel base thickness must be compacted a minimum of **4"** inches.
- ❖ **Welded wire** reinforcing is required and must fully cover the area overlapping by **6"** inches. If you chose to use **fiber mesh** you must leave some sort of indication at inspection or it will fail.
- ❖ The top surface of the concrete must be sloped away from the building.
- ❖ Concrete patios poured on grade not to exceed twelve inches (**12"**) above grade without a permanent roof may extend into required side and rear yard areas.
- ❖ The patio **cannot** be placed inside any easement.

INSPECTION:

- ❖ Pre-pour Inspection (the slab must be inspected **prior** to pouring the concrete.)

PERMIT FEE:

- ❖ The permit is **\$20.00** for a patio permit; the fee is due at time of issuance.

NOTE: If permit is not picked up within 30 days of approval it will be VOIDED and you will have to reapply.

VILLAGE OF PLAINFIELD

PATIO PERMIT APPLICATION (CONCRETE)

ADDRESS: _____ Zoning: _____

Subdivision: _____ Flood Plain: YES / NO

Thickness of Concrete: _____ Thickness of Gravel: _____
(4" Inches of concrete required) (4" Inches of gravel required)

Estimated Value: \$ _____ Wire Mesh or Fiber Mesh
(Circle one)

OWNER/CONTRACTOR

OWNER: _____

CONTRACTOR: _____

Street: _____

Street: _____

City, State, Zip: _____

City, State, Zip: _____

Phone: (____) _____

Phone: (____) _____

Fax: (____) _____

Fax: (____) _____

E-mail: _____

E-mail: _____

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.

(Owner's Signature)

(Contractor's Signature)

Issued By: _____
(Building Official)

Date: _____
(Building Official)

14400 S. Coil Plus Drive, Plainfield, IL 60544
Phone (815) 439-2937 Fax (815) 609-6114 Web www.plainfield-il.org

**VILLAGE OF PLAINFIELD
BUILDING DIVISION**

CONCRETE HIGHLIGHTS – RESIDENTIAL CONSTRUCTION

THE FOLLOWING GENERAL REQUIREMENTS PERTAIN TO ALL CONCRETE
CONSTRUCTED WITHIN THE VILLAGE LIMITS OF PLAINFIELD.

- **BASEMENT FLOOR SLABS** – 4” inch thick concrete, over 1 layer of 6 Mil (Clear) Vapor Barrier (lapped 6” min. at all joints) and placed on 4” inch minimum granular base.
- **GAS CURBS** – A 4” inch minimum height gas curb shall be provided at each wall common with the attached garage and residence. A foundation wall may be utilized as a gas curb only if 6” inches of foundation are exposed above the garage floor slab at each common wall.
- **DRIVEWAYS** – 5” inch thick concrete with welded wire fabric or fiber mesh placed on 5” inch minimum well-compacted gravel base. **(2 x 4 forms are not allowed)**
- **DRIVEWAY APRONS** – 6” inch thick concrete with welded wire fabric or fiber mesh placed on 6” inch minimum well-compacted gravel base. The width of the approach at the curb cannot exceed 20’ feet. **(2 x 4 forms are not allowed)**
- **FOOTINGS** – 10” x 20” minimum.
- **FOUNDATION WALLS** – 8” inch minimum thickness for frame construction and includes two (2), #4 continuous top and bottom reinforcing bars plus corner bars. 10” inch minimum thickness for brick veneer construction. All anchor bolts shall be ½” inch round, 7” inch embedment, 6’- 0” O.C. (maximum spacing), 12” inches from each corner or break in plate and two (2) minimum per sill plate.
- **GARAGE FLOOR SLAB** – 4” inch minimum thick concrete with welded wire fabric (Fiber mesh may be utilized when the building department is notified) over fill 4” inch minimum thick compacted gravel. Slope slab toward the overhead door a minimum of 2” inches.

*NOTE: Fill material shall be clean, graded sand, crushed stone or gravel or floor must be pinned to foundation wall at 24” inches on center with #5 rebar extended 3’ feet into the floor. During winter months when the ground is frozen the garage must be backfilled completely with stone.

CONCRETE HIGHLIGHTS – RESIDENTIAL CONTINUED

- **PATIO SLAB** – 4” inch minimum thickness of concrete with welded wire fabric (Fiber mesh may be utilized when the building department is notified) over fill 4” inch minimum thick compacted gravel. Slope slab away from the building.
- **PORCHES AND STOOPS** – 4” inch minimum thickness concrete with welded wire fabric or fiber mesh over fill 4” inch minimum thick compacted gravel. Slope slab away from the building. Stoop inspection required only if 9’ square feet or greater. Riser height minimum is 4” inches and the maximum is 8-1/4” inches. Tread depth is a minimum of 10-1/4” inches. A handrail is required with 4 or more risers.
- **POST HOLES** – 10” inch diameter, 3’-6” minimum depth below finished grade and 2” inches above grade.
- **WALKS-PUBLIC** – are required and shall consist of the following.
 - 2 x 5 form boards (2 x 4 forms are not allowed).
 - Width – 5’ feet
 - 5” inch thick concrete on 5” inch thick minimum compacted CA-10 or CA-6 gravel fill.
 - 6” inch thick gravel and concrete at driveway with welded wire fabric or fiber mesh.
 - 5’-0” on center construction joints.
 - One half-inch 1/2” thick minimum expansion joints 30’ feet on center.
 - Slope 1/4” per foot toward curb.
 - Location 1’ foot from front property line(s).
 - Accessibility ramps required at corner lot intersections.
- **WALKS-SERVICE** – 4” inch minimum thickness for concrete, over fill 4” inch minimum thick compacted gravel. All sloping walks shall be no greater than 1/4” inch per foot.

NOTES:

- **DEBRIS** – Shall be removed in all areas of concrete placement.
- **FROST** – Shall be removed completely. No concrete shall be poured when frost is present in the area of placement.
- **WATER** – All water shall be removed prior to concrete placement.
- **WELDED WIRE FABRIC** – Shall be lapped a minimum of 6” inches and be wired together to avoid displacement.