

**POOL PERMIT APPLICATION**  
Community Development – Village of Winnetka 510 Green Bay Rd  
Telephone (847)716-3520 Facsimile (847)716-3588

Permit \_\_\_\_\_

Job Site Address: \_\_\_\_\_

**PERMIT FEE:**

**ESTIMATED COST:**

Owner \_\_\_\_\_ Day Time Phone \_\_\_\_\_

Full Address \_\_\_\_\_

In-ground Pool \_\_\_\_\_ Above-ground Pool \_\_\_\_\_ Other (exterior spa or hot tub) \_\_\_\_\_

Complete Work Description \_\_\_\_\_

**POOL CONTRACTOR INFORMATION - Please Print**

Company Name: \_\_\_\_\_ Phone: \_\_\_\_\_

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

Pool Contractor Supervisor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**FENCE CONTRACTOR INFORMATION - Please Print**

Company Name: \_\_\_\_\_ Phone: \_\_\_\_\_

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

**Fence Description:** Maximum Height Above Natural Grade (see attached **Guidelines**) \_\_\_\_\_ feet \_\_\_\_\_ inches

Fence Style and Type: Attach Cut Sheet \_\_\_\_\_ **or** Describe \_\_\_\_\_

Fence Closing Device: Attach Cut Sheet \_\_\_\_\_ **or** Describe \_\_\_\_\_

Fence Contractor Supervisor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**ELECTRIC CONTRACTOR INFORMATION – Please Print**

Company Name: \_\_\_\_\_ Phone: \_\_\_\_\_

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

Licensed Electrician's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**PLUMBING CONTRACTOR INFORMATION - Please Print**

Company Name: \_\_\_\_\_ Phone: \_\_\_\_\_

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

Licensed Plumber's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

I hold legal or equitable title to the property for which this permit is being requested. I have read and examined all pages of this application and represent that they are true and correct. I agree that all work will be performed in compliance with terms of the permit, approved construction documents, and all applicable Village of Winnetka code requirements.

Homeowner signature: \_\_\_\_\_

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

## Checklist of Swimming Pool Permit Application Submissions

1. Completed Pool Permit Application.
2. Plumbing and Electrical Contractor Licenses on File.
3. Pool, Fence, Plumbing and Electrical Contractor License/Permit Bonds on File.
4. Payment of \$515 Permit Fee (submitted at time of approval & issuance). Additional fee may be required if tree replacement deposit or tree fencing is required.
5. Plat of Survey which is legible and to scale. Plat of Survey must depict everything currently on the property and be within past 5yrs.
6. **Tree Survey** which is legible, to scale and current and shows tree locations diameters, and species and underground utilities. Please include information on site plan & Engineering plans.
7. Completed Zoning Calculations Worksheets which are clear, accurate, and precise. The worksheets are attached to this permit application packet.
8. Proposed Site Plan which is accurate, scaled, and dimensioned (may use Plat of Survey). Show dimensioned distances of proposed pool and all associated equipment and other devices from the property lines (see attached **Guidelines**).
9. No less than six (6) sets of Plans and Specifications (2 of which must be stamped & sealed by an Architect) which are clear and detailed and which show the following, **as applicable to the permit work requested:**
  - 9A. **Building Plans & Specifications** showing compliance with the 2009 Edition of the International Code Council Residential & Building Codes. Such documents shall show and/or include dimensions and construction of the pool and appurtenances; detailed construction documents of structures, vertical elevations and sections through the pool showing depth.
  - 9B. **Electrical Plans & Specifications** showing compliance with the 2008 Edition of the National Electrical Code, the Village Code and the Rules & Regulations of the Water and Electric Department. Such documents shall show and/or include electrical plans of the pool, accessory, and landscaping fixtures and devices, wiring sizes and circuiting, grounding, single line diagrams, and fixture schedules and showing the point of connection at the power source.
  - 9C. **Plumbing Plans & Specifications** showing compliance with the 2004 Edition of the Illinois Plumbing Code and the Village Code. Such documents shall show and/or include all fixtures, piping, materials and sizes, and points of connections. Provide schematic diagrams for the water supply system, drainage and water disposal systems, and all appurtenances pertaining to the pool.
10. No less than five (5) sets of Civil Engineering plans showing all existing & proposed grading & drainage.

## GENERAL INFORMATION and GUIDELINES - POOL PERMIT

### MINIMUM SETBACK REQUIREMENTS

<b>Side Yards:</b>	R – 5, R – 4, and R – 3 Zoning Districts	- 6 feet
	R – 2 Zoning Districts	- 12 feet
	R – 1 Zoning Districts	- 15 feet

**Front Yards:** Not permitted to be located closer to the street than the house or residence.

**Rear Yard Setback:** Permitted encroachment in required rear yards.

### FENCING REQUIREMENTS

A fence or other enclosure shall completely surround any private swimming pool that has a depth at any point greater than 18 inches. The fence or other enclosure shall not be less than 4 feet in height, with no horizontal gaps or apertures, other than doors or gates, with any dimensions greater than 4 inches. All gates or doors opening through a fence or enclosure shall be equipped with self-closing and self-latching devices placed at the top of such gates or doors and made inaccessible to small children. Such devices shall be so designed as to be capable of keeping such doors or gates securely closed at all times when not in actual use; provided, however, that the door of any dwelling forming a part of the enclosure need not be so equipped.

### Village Code, Chapter 15, Building Code

All construction activity shall be in accordance with Chapter 15, Building Code, of the Winnetka Village Code.

### ABBREVIATED EXCERPTS FROM CHAPTER 15

**Amendments to Permits 15.32.130:** It shall be unlawful to alter, modify, or deviate from the approved permit drawing, plans, site plan or other construction documents without prior approval from the Village.

**Inspections 15.32.160:** To schedule all required inspections, a **minimum 24 hour notice** is required. To request a scheduled inspection, please call the Village of Winnetka's automated

### INSPECTION HOTLINE 847-716-3520

Although the Village is generally able to accommodate all requested inspections, the Village does reserve the right to reschedule any called-in inspection due to staffing limitations.

**Expiration and Revival of Permits 15.32.190:** If, after the date that any permit is approved, the *permit work* has not begun within three (3) months, or substantial progress is not made on the *permit work* within six (6) months, or the *permit work* is not completed within fifteen (15) months, or the *permit work* is suspended or abandoned for a period of three (3) months after it has commenced, then the permit shall lapse. Upon the lapse of any permit, all retained fees and deposits shall be forfeited and any permit bonds shall be subject to forfeiture upon approval of the council. No work shall be done under a lapsed permit and no further inspections shall be performed on the work that was the subject of the lapsed permit unless the permit is first revived pursuant to this section. Any request to revive a permit after it has lapsed pursuant to this section shall be considered a new permit application and shall be subject to all fees, costs and deposits applicable to a new permit application for such work.

**Permit Renewal 15.32.200:** The permit holder may request the renewal of a permit, at any time prior to the expiration of the permit pursuant to the foregoing section 15.32.190, if it happens that the *permit work* can not be completed and approved by the village within fifteen (15) months after the date of permit approval. Such request shall be made in writing and shall include a revised construction schedule, permit renewal fees, and such other documents as the *director* may require. Permits shall only be renewed upon approval of the *director* and no permit shall be renewed for more than a total of nine (9) additional months, unless approved by the village manager.

**ELECTRICAL CODE 15.12.010 (A) Adoption.** The National Electrical Code, 2008 Edition, compiled and published by the National Fire Protection Association, herein called the Electrical Code, is hereby adopted by reference pursuant to the authority of the Illinois Municipal Code, 65 ILCS 5/1-2-4, 5/1-3-1 through 5/1-3-6, except as modified by the specific provisions of this code and by the amendments hereinafter set forth.

**(B) Electrical Code Amendments.** The Electrical Code is hereby amended for adoption by the village by adding the following requirements:

1. No aluminum or copper-clad aluminum wire shall be used, except as approved for service to an electrical meter.
2. Copper bus shall be used in switchboards, panel boards, and meter socket enclosures containing more than four (4) sockets.
3. All underground wiring in buildings, including wiring in sub-grade floors, shall be installed in rigid metal conduit. Rigid non-metallic conduit may be used underground outside of buildings.
4. No overhead or exposed wiring on the exterior of buildings shall be installed except for main service conduits and wiring runs of 4 feet or less to free-standing cooling units and connections to underground wiring. In all such cases, rigid metal conduit shall be used, except that, where flexible connections are required, liquid tight or flexible metal conduit with a green equipment ground wire may be used.
5. In addition to the requirements of Article 680 of the Electrical Code, controls, pumps or lights or a swimming pool, sauna, hot tub or hydromassage bathtubs shall not be used without GFCI protection. All underwater lights shall be 12 volt.
6. Type UF cable may be used only if installed in conduit, type SE cable is not approved.
7. Landscape lighting on trees requires submittal of diagrams for special approval. Wiring method requires rigid galvanized conduit to a junction box approximately 2 feet above grade, approved liquid tight flexible metal conduit from junction box to a point at least 25 feet above grade and type ML cable or other approved metallic sheathed cable above that point. Equipment ground wires must be run from the panel to each fixture. All boxes shall be listed for wet locations.
8. Separate conduits shall be used for all outlets protected by GFCI type circuit breakers.
9. Grounded conductors shall be at least the same size as the ungrounded conductors of the same circuit.
10. All non-conforming electrical installations or materials discovered or revealed during remodeling, renovation, or other alteration projects, shall be corrected in accordance with this code.

**PLUMBING CODE 15.20.010. (A) Adoption.** The Illinois State Plumbing Code, 2004 Edition, promulgated by the Illinois Department of Public Health in Title 77 of the Illinois Administrative Code, Chapter I, subchapter *r*, Part 890, as amended, herein called the Plumbing Code, is hereby adopted by reference pursuant to authority of the Illinois Municipal Code, 65 ILCS 5/1-2-4, 5/1-3-1 through 5/1-3-6, and the Municipal Adoption of Codes and Records Act, 50 ILCS 220/1 through 220/7, and 225 ILCS 320/36, except as modified by the amendments.

## **ZONING COMPLIANCE WORKSHEETS LOT COVERAGE/IMPERMEABLE SURFACE**

Completion of these forms is required to allow Village staff to confirm compliance with zoning ordinance limitations on Intensity of Use of Lot. Any permit application which affects the total of such calculated areas must be accompanied by these forms, completed by a licensed architect or other design professional.

Calculation worksheets and the instructions for their completion are based upon the Winnetka Zoning Ordinance, Chapter 17 of the Winnetka Village Code. The zoning ordinance is available for review at the Winnetka Village Hall and at <http://www.villageofwinnetka.org>. An official printed copy of the Zoning Ordinance may be purchased at Winnetka Village Hall for \$10.00, or a written request with return address may be mailed to the Village Cashier, with a check for \$13.50 (to defer mailing costs).

For assistance with technical zoning questions pertaining to completion of these forms, please contact the Village of Winnetka Community Development Department at 847.716.3525 or 716.3587.

The attached forms incorporate two main components:

- **SECTION ONE:** Roofed building coverage calculations
- **SECTION TWO:** Impermeable surface coverage calculations

### **ADDITIONAL DOCUMENTS NECESSARY TO COMPLETE THE WORKSHEETS**

**1. Plat of Survey.** A significant number of project and permit delays are attributable to submittal of incomplete surveys. The plat of survey must clearly show all existing improvements on the property. REVIEW SURVEY FOR ACCURACY PRIOR TO PREPARING CALCULATIONS. Surveys must be to scale, fully dimensioned, legible and complete (photocopies are discouraged, faxes are not accepted), and must meet the following requirements:

- The Survey shall not be more than 5 years old;
- Lot area calculation. Any lot which is not rectangular or which has easements for ingress and egress shall have the lot area certified by the surveyor, including a detailed breakdown of square footage of total lot area and area of any easement for ingress and egress. Any such easements shall be dimensioned and described on the plat;
- Existing topography with elevation contours at 1 foot intervals. Must show location and elevation of all existing drainage courses, swales, catch basins, paved surfaces, patios, swimming pools, etc. Topography may not be required where work is confined to the existing footprint (Contact the Village Engineer at 847.716.3532);
- Trees that are 8 inches or greater in trunk diameter;
- Full exterior dimensions of all existing structures (buildings, storage sheds, garages, gazebos, fences, walls, and all similar structures) on the property;
- Dimension distances between all structures and all property lines (setbacks);
- All existing features must be descriptively identified. For example, porches are to be labeled as “covered” if roofed, “open” if there is no roof, or “enclosed” if screened, etc.

**2. Proposed Site Plan.** The Proposed Site Plan must clearly show all existing and proposed improvements for the property. All work must be identified and located on the site plan, including building additions, accessory buildings, impermeable surfaces, fences, walls, and other accessory structures, paving, walks, patios, etc. The Site Plan must include a scale and be fully dimensioned and contain the following information:

- Dimension the areas of all proposed structures, additions, and/or impermeable surfaces on the property;
- Dimension distances between all proposed structures, additions, and/or impermeable surfaces and all property lines (setbacks);
- All proposed features must be descriptively identified. For example, porches are to be labeled as “covered” if roofed, “open” if there is no roof, or “enclosed;”
- Clear delineation between existing and proposed site improvements;
- Locate all trees 8 inches or greater in trunk diameter to scale from proposed changes and construction. Village Forester may require tree protection fencing prior to issuance of permit. Fences must be maintained in proper condition throughout all phases of construction. Violation will result in stop work orders and fines. (Tree removal permits are required for any tree(s) measuring 8 inches or greater.)

## CALCULATION of RLC, GFA and IMPERMEABLE SURFACES

The example below depicts the calculations required for a typical 1-story addition to an existing residence and the replacement of a driveway. Letters and numbers refer to areas created by dividing the surveyed house and impermeable surfaces into rectangles and triangles. The required graphic may be submitted on a photocopy of the survey for ease of completion, or a separately prepared graphic, provided that building dimensions reflect those shown on the survey.

### FIRST FLOOR, GFA & RLC – EXISTING (Figure One)

PIECE	DIMENSIONS (FT)	RLC AREA (SF)	GFA AREA (SF)
A.	42.30 x 33.80	1,429.74	1,429.74
B.	9.50 x 5.50	52.25	<del>52.25</del>
			(RLC Only)
C.	21.00 x 11.15	234.15	234.15
D.	9.45 x 23.05	217.82	217.82
E.	23.0 x 10.75	247.25	247.25
F.	10.10 x 12.02	121.40	<del>121.40</del>
			(RLC Only)
<b>TOTALS:</b>		2,302.61	2,128.96

### FIRST FLOOR, GFA – PROPOSED (Figure One)

PIECE	DIMENSIONS (FT)	AREA (SF)
1.	14.00 x 10.00	140.00
<b>TOTAL:</b>		140.00
<b>TOTAL EXIST and PROPOSED:</b>		2,268.96

### SECOND FLOOR, GFA – EXISTING (Figure One)

PIECE	DIMENSIONS (FT)	AREA (SF)
A.	42.30 x 33.80	1,429.74
C.	21.00 x 11.15	234.15
<b>TOTAL:</b>		1,663.89

### ATTIC, GFA – EXISTING (Figure One)

PIECE	DIMENSION (FT)	AREA (SF)
Above A.	42.30 x 15.50	655.65
(7' height)	<b>TOTAL:</b>	655.65

### TOTAL GFA – EXISTING and PROPOSED (Figure One)

First Floor	2,268.96
Second Floor	1,663.89
Attic	655.65
<b>TOTAL:</b>	4,588.50

### IMPERMEABLE SURFACE (Figure Two)

PIECE	DIMENSION (FT)	AREA (SF)
1.	55.50 x 9.00	499.50
2.	.5 (9.25 x 18.00)	83.25
3.	.5 (17.25 x 10.00)	86.25
4.	11.50 x 17.00	195.50
5.	5.00 x 5.00	25.00
<b>TOTAL: 889.50</b>		

FIGURE ONE

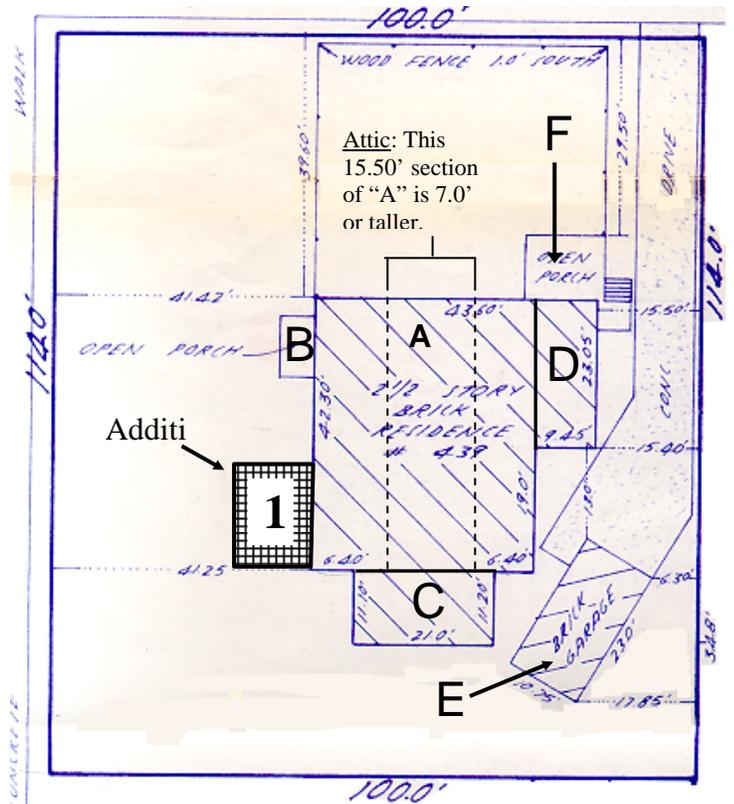
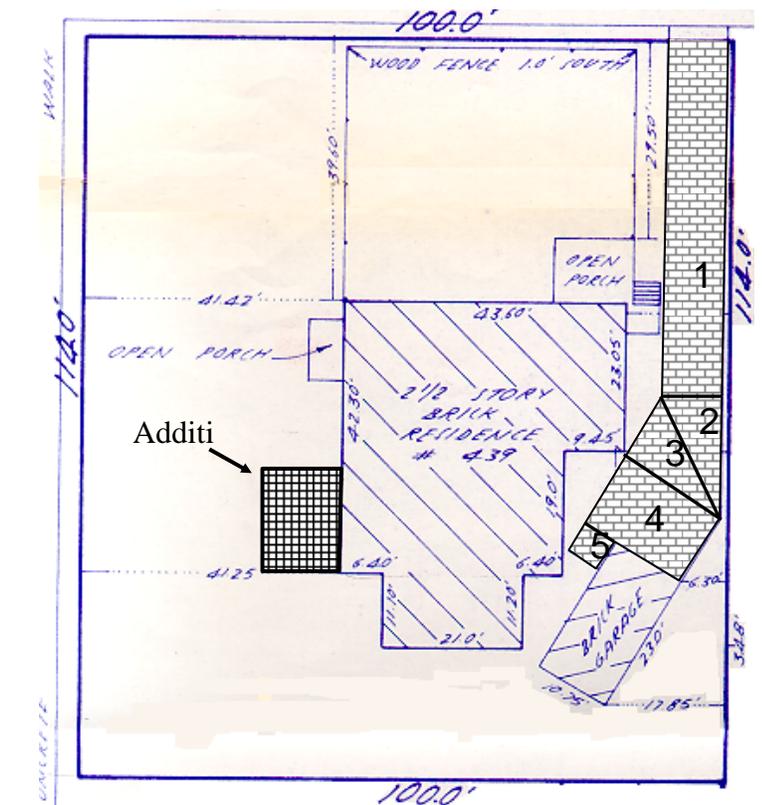


FIGURE TWO



**SECTION ONE - ROOFED OR BUILDING LOT COVERAGE CALCULATION WORKSHEETS**

**STEP 1: PROVIDE LOT AREA**

(Use either Step 1.A or Step 1.B) For rectangular lots insert the lot dimensions and calculate the lot area in Step 1.A. Do not include the area within a private street easement in lot area in either step 1.A or 1.B. If a lot is not rectangular the lot area shall be certified on the survey by the land surveyor who prepared the plat and indicated in Step 1.B.

**1.A Rectangular Lots ONLY**

LOT DIMENSIONS: \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_ Sq. Ft. [1.A]

**1.B Irregular Shape Lots -** The lot area shall be provided on Plat of Survey

SURVEYOR’S CERTIFIED LOT AREA: \_\_\_\_\_ Sq. Ft [1.B]

**1.C DETERMINE APPLICABILITY OF “FLAG LOT” AREA DEDUCTION**

The maximum building size for flag lots shall be calculated using a modified lot area that excludes the “flagpole” portion of the lot. A flag lot is defined as “an irregularly shaped lot which consists of two sections: the primary mass of the lot which is set back from the street frontage access and is behind one or more other lots, and a narrow access corridor (the “flagpole”), which is less than 50 feet wide and extends for a distance of at least 40 feet from the primary mass of the lot toward the street, or which has street frontage less than 50 feet and extends for a distance of at least 40 feet from the street toward the primary mass of the lot.” In addition, the areas within any identified ingress/egress easement (or private road easement) also need to be excluded from the gross lot area for the calculation of GFA.

Gross Lot area: \_\_\_\_\_ Sq. Ft.  
[1.A or 1.B]

Deduction for “flagpole” of flag lot: \_\_\_\_\_ Sq. Ft.

Net Lot Area: \_\_\_\_\_ Sq. Ft. [1.C]

**STEP 2: DETERMINE MAXIMUM PERMITTED BUILDING/ROOFED LOT COVERAGE (RLC)**

(Use either Step 2.A or 2.B)

**2.A Post-FAR buildings (new construction) in the R-5 and R-4 districts and all projects in the R-3, R-2, R-1 districts:**

LOT AREA \_\_\_\_\_ Sq. Ft. x 0.25 = \_\_\_\_\_ Sq. Ft. [2.A]  
(1.A, 1.B or 1.C)

**2.B Pre-FAR buildings in the R-5 and R-4 districts (built prior to February 7, 1989) and work does not exceed the scope of “rehabilitation”:**

LOT AREA \_\_\_\_\_ Sq. Ft. x 0.27 = \_\_\_\_\_ Sq. Ft. [2.B]  
(1.A, 1.B or 1.C)

**STEP 3: CALCULATE BUILDING/ROOFED COVERAGE**

**3.A CALCULATE BUILDING AREA COVERAGE TO OUTSIDE WALLS**

Using the plat of survey (for existing structures) and building plans (for proposed structures), prepare calculations which detail the area and square footage occupied by all buildings (including a garage and all other accessory buildings), as well as all other roofed areas on a lot. Measurement of building area shall be from the outside of exterior walls, and shall include the area of all enclosed porches, screen porches, cantilevered upper or lower floors, bay windows, chimneys and similar building projections.

Existing Building Coverage to outside walls = \_\_\_\_\_ Sq. Ft. [3.A.1]

Proposed Additional Building Coverage to outside walls = \_\_\_\_\_ Sq. Ft. [3.A.2]

**Totals summarized to left must be detailed on an attached sheet as in the example on previous page.**

**3.B MEASURE EAVES AND CALCULATE AREA OF EXCESSIVE EAVES IF APPLICABLE**

(Use either Pre-FAR Building method or Post-FAR Building method)

**Pre-FAR Building:** In addition to building area measured to the outside walls of a structure, the surface area of eaves which project more than 24 inches from the exterior walls of a building must be calculated (e.g. with 30-inch eaves, the outer 6 inches shall be included in roofed lot coverage calculations).

If eaves project more than 24 inches from the exterior face of the building(s), that area greater than 24 inches is included in roofed lot coverage. Measure the maximum eave projection and calculate the area of eaves greater than 24 inches for both the existing buildings and proposed additions.

Maximum projection of existing eaves from exterior of house is \_\_\_\_\_ inches (not including gutters).

Maximum projection of eaves on proposed buildings/additions is \_\_\_\_\_ inches (not including gutters).

Area of existing eaves greater than 24" = \_\_\_\_\_ Sq. Ft. [3.B.1]

(If eaves are 24" or less, enter -0-)

Area of proposed eaves greater than 24" = \_\_\_\_\_ Sq. Ft. [3.B.2]

(If eaves are 24" or less, enter -0-)

**Totals summarized to left must be detailed on an attached sheet as in the example.**

**Post-FAR Building:** In addition to building area measured to the outside walls of a structure, the surface area of eaves which project more than 18 inches from the exterior walls of a building must be calculated (e.g. with 24-inch eaves, the outer 6 inches shall be included in roofed lot coverage calculations).

If eaves project more than 18 inches from the exterior face of the building(s), that area greater than 18 inches is included in roofed lot coverage. Measure the maximum eave projection and calculate the area of eaves greater than 18 inches for both the existing buildings and proposed additions.

Maximum projection of existing eaves from exterior of house is \_\_\_\_\_ inches (not including gutters).

Maximum projection of eaves on proposed buildings/additions is \_\_\_\_\_ inches (not including gutters).

Area of existing eaves greater than 18" = \_\_\_\_\_ Sq. Ft. [3.B.3]

(If eaves are 18" or less, enter -0-)

Area of proposed eaves greater than 18" = \_\_\_\_\_ Sq. Ft. [3.B.4]

(If eaves are 18" or less, enter -0-)

**Totals summarized to left must be detailed on an attached sheet as in the example.**

**3.C CALCULATE ALL OTHER ROOFED AREAS**

In addition to previously calculated building and eave areas, all other "open" roofed areas (open porches, roofed entry stoops, carports, porte-cocheres, etc.) are to be calculated.

Existing Other Roofed Areas = \_\_\_\_\_ Sq. Ft. [3.C.1]

Proposed Other Roofed Areas = \_\_\_\_\_ Sq. Ft. [3.C.2]

**3.D DETERMINE APPLICABILITY OF FRONT PORCH LOT COVERAGE ALLOWANCE**

IN THE R-5 AND R-4 ZONING DISTRICTS ONLY, the area of a single story, open front porch (up to a maximum of 275 square feet) may be excluded from lot coverage calculation. Up to 275 square feet of the roofed area of a single-story open porch that either extends along the entire front of the principal building or extends continuously along the entire front and any part of the side of the principal building may be deducted from the total proposed building/roofed lot coverage. NO SCREENED OR ENCLOSED PORCHES MAY BE DEDUCTED.

Area of qualifying front porch \_\_\_\_\_ Sq. Ft. [3.D] (May not exceed 275 Sq. Ft.)

**3.E DETERMINE APPLICABILITY OF DETACHED GARAGE LOT COVERAGE ALLOWANCE**

*FOR PRE-FAR BUILDINGS IN THE R-5 AND R-4 ZONING DISTRICTS ONLY*, 200 square feet of a detached garage located in the rear 25 percent of the lot depth may be excluded from the lot coverage calculation (not transferrable to Section Two Impermeable Lot Coverage calculation).

Area of qualifying detached garage \_\_\_\_\_ Sq. Ft. [3.E] (May not exceed 200 Sq. Ft.)

**3.F PROVIDE GRAPHIC DESCRIPTION OF CALCULATION OF BUILDING AREAS CALCULATED AND SUMMARIZE ABOVE RESULTS**

Transfer results from Steps 3.A through 3.E into the following summary and calculate total roofed lot coverage. Total resulting coverage for Step 3.F must not exceed maximum calculated at Step 2.A or 2.B.

**Existing Building Areas**

- (1) Enclosed Roofed Building Areas [from 3.A.1] \_\_\_\_\_ Sq. Ft.
- (2) Excessive Eaves [from 3.B.1 or 3.B.3] + \_\_\_\_\_ Sq. Ft.
- (3) Other Roofed Areas [from 3.C.1] + \_\_\_\_\_ Sq. Ft.
- Subtotal, existing building area = \_\_\_\_\_ Sq. Ft.

**Plus, additional building areas**

- (1) Enclosed Roofed Building Areas [from 3.A.2] + \_\_\_\_\_ Sq. Ft.
- (2) Excessive Eaves [from 3.B.2 or 3.B.4] + \_\_\_\_\_ Sq. Ft.
- (3) Other Roofed Areas [from 3.C.2] + \_\_\_\_\_ Sq. Ft.

Less applicable front porch allowance [from 3.D] - \_\_\_\_\_ Sq. Ft. (not to exceed 275 Sq. Ft.)

**Total:** = \_\_\_\_\_ **Sq. Ft. [3.F]**  
(May not exceed [2.A] if Post-FAR building, or if project is in R-3, R-2, or R-1 district.)

Less applicable detached garage allowance [from 3.E] - \_\_\_\_\_ Sq. Ft. (not to exceed 200 Sq. Ft.)

*Adjusted total RLC for Pre-FAR buildings in the R-5 and R-4 districts only:* = \_\_\_\_\_ *Sq. Ft. (May not exceed [2.B])*

**SECTION TWO - IMPERMEABLE SURFACE LOT COVERAGE CALCULATION WORKSHEETS**

**Impermeable surfaces**, by definition in the Zoning Ordinance, are any surface that does not allow water to drain, seep, filter or pass through into the ground below. Impermeable surfaces include, without limitation, buildings, other structures, driveways, sidewalks, walkways, patios, tennis courts, swimming pools and other similar surfaces. All impermeable surfaces are counted at 100%\*.

\*The only exception to this rule is a “designed permeable surface”, which is a pavement system designed to allow water to pass through voids in the paving material or between pavers to a *designed subsurface storm water storage layer and underdrain system*. Such surfaces may be counted at 75% if the engineering department approves the system’s compliance with the standards outlined in the ordinance. If your project includes the required subsurface storm water storage layer and underdrain system, then you must contact the engineering department at (847)716-3530 to find out if your project qualifies for this allowance.

**STEP 4: DETERMINE MAXIMUM PERMITTED IMPERMEABLE LOT COVERAGE**

A maximum of 50 percent of lot area may be covered by all impermeable surfaces, which includes building area calculated in *Section One*, together with other impermeable surfaces which are not buildings (driveways, patios, etc.). Of the maximum permitted (50%) impermeable lot coverage, a maximum of 25% of the lot area may be devoted to buildings and roofed areas. Thus, the maximum allowable area for additional impermeable surfaces, other than buildings and roofed areas is flexible. For example, if buildings and roofed surfaces cover 20% of the lot, up to 30% of the lot may be covered by other impermeable surfaces. These percentages are not interchangeable and the maximum allowable lot coverage devoted to buildings and roofed areas cannot exceed 25%.

**In the R-5, R-4, and R-3 zoning districts a maximum of 30 percent of the required front yard may be covered with any material (impermeable surfaces, areas with roofed lot coverage, gravel or crushed stone driveways, etc.). If applicable, provide detailed representation and calculations of such areas.**

**4.A MAXIMUM PERMITTED IMPERMEABLE LOT COVERAGE**

LOT AREA \_\_\_\_\_ Sq. Ft. x 0.50 = \_\_\_\_\_ Sq. Ft. [4.A]  
[1.A, 1.B or 1.C]

**STEP 5: CALCULATE IMPERMEABLE LOT COVERAGE**

**5.A EXISTING IMPERMEABLE LOT COVERAGE**

Using the Plat of Survey, calculate the **existing** area covered by impermeable surfaces, other than buildings/roofed areas.

TOTAL EXISTING IMPERMEABLE LOT COVERAGE = \_\_\_\_\_ Sq. Ft. [5.A]

**5.B PROPOSED (NEW) CONTINUOUS IMPERMEABLE COVERAGE**

Using the proposed Site Plan, calculate the area of all **proposed** impermeable surfaces to be added, other than buildings/roofed areas.

**Totals summarized to left must be detailed on an attached sheet as in the example on page 3.**

TOTAL PROPOSED IMPERMEABLE LOT COVERAGE = \_\_\_\_\_ Sq. Ft. [5.B]

**5.C TOTAL (EXISTING + PROPOSED) IMPERMEABLE and BUILDING LOT COVERAGES**

Building Area (Existing and Proposed) [from 3.F] \_\_\_\_\_ Sq. Ft.

Existing Impermeable Area [from 5.A] + \_\_\_\_\_ Sq. Ft.

Proposed (New) Impermeable Area [from 5.B] + \_\_\_\_\_ Sq. Ft.

**TOTAL** (May not exceed 4.A) = \_\_\_\_\_ Sq. Ft. [5.C]