

# HOME ADDITIONS REQUIREMENTS

## ENERGY EFFICIENCY COMPLIANCE

By ordinance, The Village Board has adopted the “National Energy Code Requirements for Construction”. Effective September 1, 2006 all plans submitted for building permit for either a new home or addition must comply with Chapter 11 of the 2000 International Residential Code requirements for energy efficiency.

All plans submitted for new construction of homes or additions must comply with Table N1102.1 where minimum R-values are listed.

Hawthorn Woods is in **Zone 14** (taken from table N1101.2 of the 2000 International Residential Code). Zone 14 has **HDD (Heating Degree Days) of 6,500 – 6,999** which indicates the required R-values for our zone.

Unless minimum R-values and construction wall/roof assemblies are clearly indicated showing compliance with Table N1102.1, plans will be rejected. Minimum R-values will be required for the following:

Walls above grade	R-21
Ceilings & Attics	R-49
Basement walls	R-11
Crawl spaces	R-20
Joist ends	R-21
Floors	R-30
Glazing “U” factors	.35
See chapter 11 for additional information	

An alternative method is to demonstrate compliance by providing a REScheck calculation as provided by a free download proof of compliance program issued by the Department of Energy.

Go to [www.energycodes.gov/rescheck](http://www.energycodes.gov/rescheck) and click on Download REScheck software. Simply insert the actual R-values for various components of the building envelope and requested in the REScheck worksheet. A notice of COMPLIANCE or NON-COMPLIANCE will be issued upon completion of the worksheet. The design professional will sign the worksheet and submit the copy with the permit application.

***AFTER SEPTEMBER 1, 2006, ALL PLANS FOR NEW CONSTRUCTION OF HOMES OR ADDITIONS MUST COMPLY WITH THE AFOREMENTIONED REQUIREMENTS FOR ENERGY CONSERVATION.***

Effective June 30, 2005, **all contractors and subcontractors** doing business in the Village of Hawthorn Woods **must be licensed by the Village**. The term “contractor” and “subcontractor” shall include, but not be limited to: any person or company who undertakes to construct, alter, improve, install, repair, remodel, rehabilitate, renovate or move any land, house, building or other structure (of any kind or nature, whether residential or not) or any fixture or any other item that is located on or in the ground and/or attached to something that is located on or in the ground. All licenses are \$250.00 and are valid from May 1<sup>st</sup> to April 30<sup>th</sup> of each year. Licenses are half price after November 1<sup>st</sup> of each year.

HAWTHORN WOODS  
BUILDING DEPARTMENT PERMIT PROCEDURES

**CHECKLIST FOR OBTAINING A BUILDING PERMIT**

The following information is required to obtain a building permit. Incomplete or inaccurate information will delay the processing of your permit.

- Obtain contractor/subcontractor license through the Village
- Complete building permit application
- Two (2) sets of architectural plans stamped and sealed by an Illinois architect
- Two (2) sets of Lake County Health Department septic layouts and approvals
- One (1) plat of survey
- \$300.00 plan review fee

**PLAN REVIEW & PERMIT FEE INFORMATION**

Plan Review Fee:	\$300.00	
Permit Fee:	\$.40/sq. ft. living space	\$.20/sq. ft. non-living space
Base Fee:	\$250.00	
Inspection Fees:	Varies	
Plumb. Fixtures:	New = \$15.00 each	Replacement = \$10.00 each
Water Heaters:	\$25.00 each	
Sump/Ejector Pumps:	\$25.00 each	
Gas Piping:	\$25.00 – first 25 lineal ft.	\$10.00 – each additional 25 lineal ft.
Drain Tile:	\$25.00	
Cert. of Occupancy:	\$75.00	
Road Bond:	\$4,000.00	

**INSPECTIONS**

The following inspections may be required during the construction of a home addition:

Site	\$40.00	Underground Plumbing	\$100.00
Pipe Placement	\$30.00	Aboveground Plumbing	\$100.00
Footing	\$35.00	Final Plumbing	\$100.00
Foundation	\$35.00	Rough Electric	\$40.00
Flatwork & Patio	\$35.00	Final Electric	\$40.00
Backfilling	\$35.00	Final Overall	\$50.00
Rough Framing	\$35.00	Final Site (Bond Refund)	\$40.00
Insulation	\$35.00	Fireplace	\$35.00

**Structural & Electrical Reinspection:** There will be a reinspection fee of the double amount if the inspector is unable to give approval and has to do another inspection within any given inspection time.

**Plumbing Reinspection:** There will be a reinspection fee of \$100.00 if the inspector is unable to give approval and has to do another inspection within any given inspection time.

**To schedule an inspection, call (847) 438-5500**

General Inspections: Bill Holmes, ext. 2213 (Even numbered permits)

General Inspections: Eigil Pagh, ext. 2215 (Odd numbered permits)

Electrical Inspections: Bill Holmes, ext. 2213

Plumbing Inspections: John Fenger, ext. 2211

Please note, the information in this handout is intended to be general in nature and is not a substitute for applicable Village codes or ordinances. If you should have any questions relating to home additions, inspections or construction procedures, please call (847) 438-5500 ext. 2201, 2202, 2203, 2204 Monday, Tuesday, Wednesday, Friday, 8:30am to 5:00pm; Thursday, 8:30am to 8:00pm; Saturday 8:30am to 12:00pm.