

# VILLAGE OF ALGONQUIN

## COMMUNITY DEVELOPMENT

### PATIOS/WALKS/DRIVES

#### ***What is required to obtain a permit to install a patio, walk, or driveway at my home?***

A completed permit application accompanied by two (2) Plats of Survey indicating where the work will be done.

#### ***What are the requirements for a patio or walk?***

Concrete patios and service walks are required to have a minimum of 4 inches of compacted base (stone) and 4 inches of concrete. Two continuous #4 reinforcing bars shall be placed mid-slab the entire length of all service walks and doweled 6 inches into abutting stoops. Concrete public walks are required to have a minimum of 4 inches of compacted base (stone) and 6 inches of concrete where the walk crosses the driveway. Two continuous #4 reinforcing bars shall be placed mid-slab in any portion of a public walk which crosses over a backfilled excavation. 6-inch by 6-inch #10 welded wire fabric shall be placed in the top 1/3 of concrete patios greater than 100 square feet of area.

Paver block patios and service walks are required to have 6 inches of compacted base (stone) and 1 inch of sand for leveling.

Stoops or landings that are being modified or replaced shall not be less than 36 inches by 36 inches with a maximum rise of 7¾ inches from the top of the threshold. Additional steps beyond the landing shall have a maximum rise of 7¾ inches and a minimum tread depth of 10 inches nosing-to-nosing. Landings and stairs more than 30 inches above adjacent grade require guards. Stairs with 4 or more risers require handrails.

#### ***What are the requirements for a driveway?***

Concrete driveways are required to have 4 inches of compacted base (stone) and 4 inches of concrete. 6-inch by 6-inch #10 welded wire fabric shall be placed in the top 1/3 of concrete driveways. Asphalt driveways are required to have 6 inches of compacted base (stone) and 2 inches of asphalt.

Driveway Approach Widths - Residential: The width of the driveway approach shall be no more than what is listed below:

1-car garage: 10 feet wide measured at sidewalk or property line and 15 feet wide measured at curb or edge of street pavement.

2-car garage: 20 feet wide measured at sidewalk or property line and 28 feet wide measured at curb or edge of street pavement.

3-car garage: 30 feet wide measured at sidewalk or property line and 35 feet wide measured at curb or edge of street pavement.

Driveway approaches shall be 6 inches of concrete and be reinforced with 6-inch by 6-inch #10 welded wire fabric and (2)-#4 reinforcing bars 24 inches long across the corners. See detail on the opposite side.

#### ***How long will it take to get a permit?***

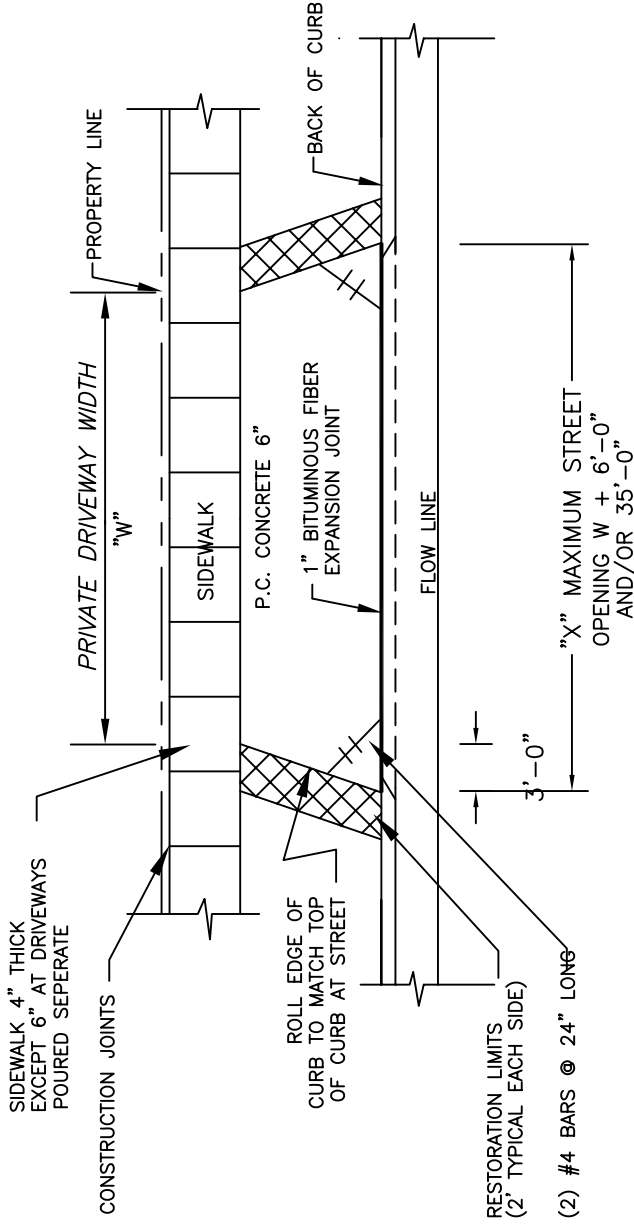
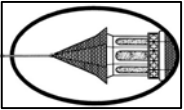
A permit can be issued over the counter provided the permit application is completed and accompanied by two (2) Plats of Survey indicating the location of the work.

#### ***How long is the permit good for?***

Work must be completed and a final inspection conducted within six months of the permit date.

**If you have any questions, please contact  
Community Development at (847) 658-2700 (option 3).**

VILLAGE OF ALGONQUIN  
 PUBLIC WORKS DEPARTMENT  
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CONSTRUCTION JOINTS SHALL BE PLACED IN A UNIFORM MANNER THAT ALLOWS NO SINGLE SLAB BE MORE THAN 10 FOOT BY 10 FOOT DIMENSIONALLY

WHERE PROPOSED ENTRANCE IS FRONTED BY BARRIER CURB OR THERE IS A DESIRE TO CHANGE ANY PORTION OF THE EXISTING CURB AND GUTTER CROSS SECTION, SAID CURB AND GUTTER SHALL BE REMOVED FOR THE MAXIMUM STREET OPENING ( SEE DIMENSION "X" ) IN ITS ENTIRETY. EXISTING CURB AND GUTTER SHALL BE SAW CUT AT EACH END PRIOR TO REMOVAL. REPLACEMENT SHALL BE DEPRESSED CURB AND GUTTER OF SAME CROSS SECTIONAL WIDTH AS THE EXISTING CURB AND GUTTER. TRANSITION FROM FULL TO DEPRESSED CURB SHALL BE ACCOMPLISHED IN A MINIMUM OF 1 LINEAL FOOT.

A MINIMUM OF 4" OF DRY GRADE 9 OR EQUAL MUST BE PLACED AND COMPACTED PRIOR TO ANY CONCRETE POURING. THIS BASE MUST ALSO BE APPROVED BY THE FIELD ENGINEER OR INSPECTOR OF THE VILLAGE.

ANY DEVIATION FROM THE ABOVE DETAILED OR SPECIFIED SHALL BE ONLY WITH WRITTEN APPROVAL OF THE PUBLIC WORKS DIRECTOR  
 APRON IS TO BE POURED SEPERATLEY FROM SIDEWALK & CURB

# RESIDENTIAL ENTRANCE

Spec Book Date 02-13-2006

## RESIDENTIAL APRON

Village of Algonquin Specifications & Details Guide

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Revision Date 02/13/2006