



## **RESIDENTIAL CONCRETE SERVICE WALKS AND PATIO CHECKLIST**

### **PERMIT APPLICATION & SUBMITTAL REQUIREMENTS:**

- Complete an engineering permit application online by visiting our [Online Permitting Portal](#)
- Contractors must obtain a Village contractor license prior to issuance of permit.
- Copy of contract or proposal.
- Submit a plat of survey clearly identifying the location and dimensions of the proposed work.
  - Patios are required to be installed a minimum of five feet (5') from the side property line.
  - Service walks can be a maximum of four feet (4') wide and are required to be installed a minimum of two feet (2') from the side property line.
- Service walks and patios are required to be installed at least six inches (6") below the top of foundation.
- Service walks and patios shall not be tied into the building foundation.
- Services walks and patios may not block existing drainage swales or overland drainage flow routes.
- Service walks and patios shall not be installed on a wet or frozen base. See [Temperature Limitations](#)
- Concrete Requirements:
  - Required to be constructed with a minimum of four inches (4") of Portland Cement Concrete - 6 bag mix, with a compressive strength of 3500 PSI at 14 days and 5% to 8% air entrainment. (5.2 bag mix with fly ash is an acceptable alternative concrete mix.)
  - The aggregate base is required to be a minimum of two inches (2") of compacted CA-6 and the subgrade is required to be compacted to ninety-five percent (95%) of optimum density.
  - Preformed expansion joints, one-half inch (1/2") thick, are required to be placed between the house foundation and the patio, as well as between the patio and adjoining service walk.
  - Expansion joint material is required to be used when the service walk or patio is installed adjacent to the building foundation.
  - The concrete service walks and patios are required to have a broomed finish.
  - The Village recommends, but does not require, six inch by six inch, number ten (6'' x 6'' #10) welded wire mesh placed in the bottom half of the concrete.
  - Concrete patios are required to have score control joints in sections no longer than eight feet by eight feet (8' x 8') to control cracking. The control joints are required to be a minimum of three-quarter inch (3/4") deep.
  - Positive drainage away from the building must be maintained.
  - Vegetation and excavated material removed during the installation must be removed from the property and disposed of properly.

### **INSPECTIONS:**

Inspections are scheduled by calling (847) 357-4220 between the hours of 8:00 a.m. and 5:00 p.m. Monday through Friday. Please have the **permit number** and **site address** ready. In addition, please allow a minimum of 24 hours when scheduling the following required inspections:

- CONCRETE PRE-POUR**
- FINAL** - Once restoration is complete and vegetation is established