



**Village of Arlington Heights**  
Building & Life Safety Department  
847-368-5560  
www.vah.com

## **Concrete/Asphalt Acknowledgment**

### **Inspections Performed by the Building & Life Safety and Engineering Department**

#### **Minimum Concrete Placement Requirements for Elevated Structure Base Materials for Concrete**

- All concrete work to be placed on a minimum of 4" of compacted crushed aggregate CA-6 or better.
- Pea gravel or sand base is **NOT ALLOWED** on exterior concrete work.

#### **Garage Floor Replacements**

- Install thickened concrete edge at overhead door 14" down and 20" wide. This 14" measurement INCLUDES the 4" for the concrete floor replacement.
- Install (2) #5 (5/8" diameter) rebar approximately 3" from bottom of thickened edge at overhead door.
- Install vapor barrier under attached garage slabs. - Dowel beam into existing foundation.

#### **Stoop and Stair Replacements**

- Place **ALL** stoops on a 42" deep trench or piers 4'-0" O.C. 42" deep and a diameter of 8" minimum.
- Note: Any stoop that has 3 or more risers has to be placed on a 42" deep trench. Use steel dowels into existing foundation.

#### **Screened Porches**

- Screened porches that are additions to the existing residences have to be placed on a minimum of a 42" deep trench by 8" wide.

#### **Concrete Work Such as: Patios, Private Walks, Etc. Placed at Grade**

- Minimum 4" thickness of concrete for private walks, patios, etc.
- Minimum 6 bag mix with water reducer.
- Expansion and control joints as required.
- Welded wire reinforcement is optional in all work.
- Pitch all work away from house for drainage.
- Minimum 4" gravel base below all concrete; no pea gravel allowed.
- The top of concrete slab shall be lower than the top of the existing foundation

### **Inspections Performed by the Engineering Department**

#### **For Concrete Work on: Driveways, Driveway Approaches, and Public Sidewalks**

- Forms in approach to be a minimum of 6" in depth.
- Concrete to be a minimum 6.1 bag mix, Class PV, or equivalent.
- Expansion joints 6" x 1/2" required between sidewalk and driveway approach, and curb and driveway approach, or as directed.

- Driveway approaches and areas where a public sidewalk crosses a driveway, require a minimum concrete thickness of 6" and 2" compacted CA-6 gravel base (no wire mesh allowed; no pea gravel allowed).
- Public sidewalks not intersecting a driveway require a minimum concrete thickness of 5", and 2" compacted CA-6 gravel base (no wire mesh allowed; no pea gravel allowed).
- Private driveways (from house to public right-of-way) require a minimum concrete thickness of 4", and 4" compacted CA-6 gravel base; (wire mesh optional; no pea gravel allowed). Forms to be a minimum of 4" in depth.
- Any concrete work on an easement will require permission for all utilities involved.

**Asphalt Work on Driveways**

- Minimum 2½" compacted depth of surface mix over 6" compacted CA-6 gravel; no pea gravel allowed.

**ALL FLATWORK REQUIRES A PREPOUR/BASE INSPECTION AND A FINAL INSPECTION.**

- Prior to scheduling a final inspection, the forms must be removed and the area backfilled.

I agree to all the minimum standards for concrete/asphalt work in the Village of Arlington Heights.

Job Address: \_\_\_\_\_ Permit Number: \_\_\_\_\_

Print Name: \_\_\_\_\_ Signature: \_\_\_\_\_

Date: \_\_\_\_\_ Phone Number: \_\_\_\_\_

All inspections shall be scheduled through the citizen self-service portal.

Revised 4/17/2024