



RESIDENTIAL DRIVEWAY/APRON

PORTLAND CEMENT CONCRETE SPECIFICATIONS

New or replacement residential concrete driveways and aprons shall be constructed as follows:

1. The width of the apron (measured at the front property line) shall not be wider than the driveway nor extend beyond either side of the driveway's edge.
2. Concrete driveways and aprons are required to be constructed with a minimum of five inches (5") 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 concrete mix alternate.
3. 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 95% of optimum density.
4. Steel reinforcement is required and shall be 6" x 6" x #10 welded wire mesh, placed in the bottom half of the concrete.
5. All forming is required to be with 2" x 6" lumber or approved metal forms. Forming with 2" x 4"s will not be allowed.
6. Preformed expansion joints, 1/2 inch thick, are required to be placed between the apron and the curb, as well as between the apron and the concrete driveway and between the apron and the public sidewalk abutting the apron.
7. The concrete driveway and apron are required to have a broomed finish.
8. The Village **RECOMMENDS** placing a concrete sealer on new driveways and aprons.
9. The **apron** is required to be poured as one piece from the curb to the property line, and scribed as sidewalk as shown on the detail drawing.
10. No concrete shall be placed on a wet or frozen base.
11. Stamped and/or colored concrete is prohibited on public sidewalk and curb.
12. Once removal of the apron is underway, barricades are required to be placed on the public sidewalk at both sides of the apron and along the back of curb along the apron. The barricades must remain until the sidewalk and apron are completed.

Inspections: The Community Development Department **must** inspect the framing **before** any concrete is poured. Please call **847-357-4220** at least 24 hours in advance to schedule inspections. Your **permit number** will be required.