



"City of Choice"

FLATWORK REQUIREMENTS

*****AN INSPECTION IS REQUIRED PRIOR TO POURING ANY CONCRETE*****

Any concrete which spans 24 feet or more requires an Engineer foundation plan.

Minimum rebar thickness – 3/8".

Minimum slab thickness of 4" and concrete to be a minimum of 2,500 psi.

Minimum 6" x 6", #6 gauge welded wire fabric shall be used in sidewalk & driveways.

Welded wire fabric and steel shall be chaired off base material.

Welded wire fabric or steel shall be cut at expansion material.

Dowel into existing concrete, spacing maximum – 18". Dowels are smooth steel, rebar is deformed steel. If rebar is used in place of dowels, it must be taped or greased.

Expansion joints are required against all existing concrete except at the curb line.

Expansion material with dowels in sidewalks – 20' maximum spacing. Evenly spaced or at property line.

Expansion material with dowels are required at turns in sidewalks, on 3 sides of the driveway approach ramp, and 3 sides of the sidewalk approach ramp.

Minimum of 3 dowels are required at sidewalk expansion joints.

All vegetation must be removed prior to installing base.

Compacted base material shall be provided under all concrete – minimum 2" in depth.

Base material must be ¾" or smaller and compactable. It can be a combination of sand, gravel or crushed run.

Driveway apron at curb shall be a minimum of 5 ½" depth.

A trowel cut at least ½" deep in the slab of walks at approximately 4' intervals and 20' for driveways.

CONCRETE PATIOS, ROOF COVERED (LOAD BEARING) ADDITIONAL REQUIREMENTS

*****AN INSPECTION IS REQUIRED PRIOR TO POURING ANY CONCRETE*****

Any concrete which spans 24 feet or more requires an Engineer foundation plan.

Minimum slab thickness of 4" and concrete to be a minimum of 2,500 psi.

Minimum reinforcement 6" x 6", #6 gauge welded wire mesh or its equivalent.

Base material to be a minimum 6" after it is compacted.

Minimum beam width – 10" exterior, 8" interior.

Minimum beam depth below natural grade – 12".

Beams shall have continuous rebar lengths, 2 on top and 2 on bottom with corner bars

Slabs exceeding 20' in width shall have a center beam.

Concrete to be separated from the base with no less than 6 mil polyethylene.