

## CONCRETE PERMITS

**TO: ALL RESIDENTS AND CONTRACTORS**  
**FROM: TED STOCKER, BUILDING INSPECTOR**  
**RE: ISSUANCE OF CONCRETE PERMITS**

### ALL CONCRETE CONSTRUCTION MUST FOLLOW ATTACHED SPECS

Before a permit is issued a drawing showing the planned work, along with the exact measurements, must be presented to the Building Inspector 24 hours prior to the issuance of the permit. The Building Inspector will notify the resident/contractor when the permit has been approved. The drawing should include the name of the resident, the name of the contractor, the address of the project and telephone numbers where resident/contractor can be reached during the day. A survey of the property will be required on all work other than replacement of existing concrete.

If you have any questions, please contact the Building Inspector at 314-867-0076. The Inspector is usually in the office 8:30-9:00 am, 12:10-1:50pm and 4:20-4:30pm.

### THE JOB MUST BE INSPECTED BEFORE CONCRETE IS POURED

Contact the Building Department to set up an appointment for the inspection. 314-867-0076

## SPECIFICATIONS FOR PATIO, WALKWAY, DRIVEWAY AND PARKING AREA

**PERMITS:** are required for all new and replacement of driveways, parking areas, walkways and patios. Permits are obtained from the Building Department at City Hall. Plans must be submitted with the application. AUTHORIZATION CARD shall be on display while work is in progress.

**INSPECTIONS REQUIRED:** It is the responsibility of either the owner or contractor to call the Building Department the day before concrete is to be poured.

**DESIGN: WIDTH:**

All concrete work shall be no closer than six (6) inches from the side yard line.

**CURB OR GARAGE OR PARKING AREA:** Ten (10) feet or more.

**ADDITIONAL, HOUSE SIDE:** shall not exceed three (3) feet from present driveway.

**PARKING OR STORAGE SURFACE ADJACENT TO THE GARAGE:**

At its outer edge, shall not be less than 10 feet from the building line of the adjoining property owner, shall not be isolated from the existing driveway so that a vehicle must cross unpaved area to be parked on such surface, or extend beyond the back building line of the existing garage.

**NO AUTOMOBILE CAN BE PARKED BEHIND THE FRONT BUILDING LINE**

**ENTRANCE APRON:** At curb (first twelve (12) feet from curb) shall be concrete when street is concrete, asphalt when street is asphalt. Apron shall have flare or radii for adequate ingress and egress (See drawing on other side).

**SIDEWALK:** Crossing the driveway shall at all times be of concrete, five (5) inches thick, not less than four (4) feet in width.

**CROWN OR CROSS SLOPE:** shall be minimum 1/8 inches per foot for proper drainage.

### **CONSTRUCTION – CONCRETE**

**SUBGRADE:** shall be uniformly graded and compacted

**SOIL:** shall be damp, not wet, not dry

**MIX:** 6 sacks per cubic yard shall not be poured too wet. Four (4) to five (5) inches slump is best.

**THICKNESS:** (minimum)

**APRON:** Seven (7) inches

**PATIO:** Four (4) inches

**ALL OTHERS:** Five (5) inches, four (4) inches with wire mesh 6 x 6 10/10 lapped 6" or equivalent.

**EXPANSION JOINTS:** Minimum ½ inch thick, full depth of concrete at curb, sidewalks, garage floor and approximately at each ten (10) to twelve (12) foot intervals, but not to exceed 144 square feet per block.

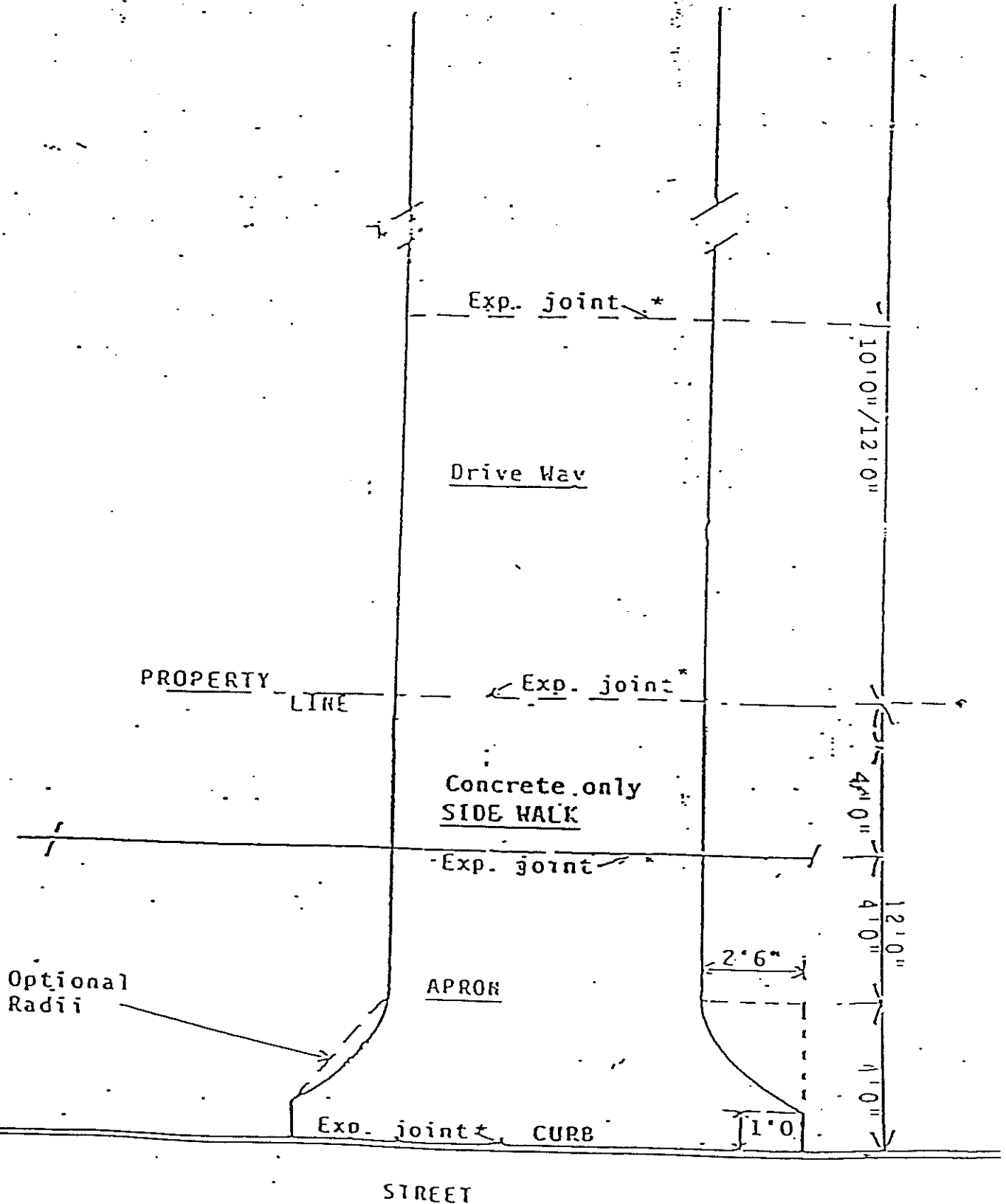
**PATIOS:** over 144 square feet need expansion joint.

**CURING-IMPORTANT:** keep moist for 3 days in hot weather. Keep from freezing.

**NEVER** use de-icer or salt in the first year. However, salt will be transferred on the driveway by automobile tire. Never apply fertilizer on concrete as a de-icer.

**CONSTRUCTION – ASPHALT:** shall be of six (6) inch base two (2) course water bound macadam compacted, covered with two (2) inches asphaltic concrete.  
**OLD SLAB:** may be covered with two (2) inches asphalt over full cover of adhesive binder, providing old slab is stable, not sunken and is an acceptable base by means of inspection.

TYPICAL DRIVEWAY AND APRON SECTION



\* Expansion Joints for concrete installed only.