City of Franklin
Engineering Department
9229 West Loomis Road, Franklin, Wisconsin 53132 (414) 425-7510 Fax: (414) 425-3106

MINIMUM REQUIREMENTS FOR A DRIVEWAY APPROACH

1. MUST USE SIX BAGS PER CUBIC YARD, AIR-ENTRAINED PORTLAND CEMENT CONCRETE.

2. BOTH THE SIDEWALK PORTION AND APPROACH MUST BE A MINIMUM OF 7" THICKNESS.

3. THE BACK OF WALK ELEVATION SHOULD BE ONE FOOT HIGHER THAN THE FLOWLINE OF THE CURB AND SHOULD HAVE A 1-1/4" PITCH TOWARD THE STREET.

4. THE DISTANCE TO THE BACK OF WALK SHOULD BE 1 FOOT LESS THAN THE DISTANCE TO THE PROPERTY LINE.

5. ½" X 7" EXPANSION JOINT MATERIAL MUST BE PLACED BETWEEN THE BACK OF CURB AND THE APPROACH.

6. PLEASE CALL FOR INSPECTION OF THE FORMED APPROACH 24 HOURS PRIOR TO POURING--414-425-0084 OR 414-425-7510. INSPECTIONS ARE DONE BETWEEN 8:30 AM AND 10:00 AM, MONDAY –FRIDAY.

7. ALL INSPECTION REQUESTS MUST HAVE A PERMIT NUMBER AND THE CORRECT ADDRESS. INSPECTION RESULTS MUST BE REQUESTED.

8. COMPLETE SPECIFICATIONS ARE AVAILABLE IN THE OFFICE OF THE ENGINEER OR BUILDING INSPECTOR AS REQUIRED BY ORDINANCE NO. 70-268

3.9 CONCRETE DRIVEWAY APPROACH REQUIREMENTS

3.9.1 All driveway approaches, **installation and repair pours** require a permit issued by the City of Franklin.

3.9.2 Concrete for approaches shall be grade A, air entrained and shall conform to Section 501 of the WDOT Specifications, and in particular, meet the following requirements: minimum concrete content, 6.0 bags per cubic yards; compressive strength after 28 days cured, 3,500 psi; maximum amount of water per bag of cement, 6.0 gallons; size of course aggregate required, #1 plus #2; slump, 1"-3"; air content, 4.5%-7.5%. White curing membrane meeting the requirements for Type 2 of the WDOT specifications for liquid membrane performing compounds for curing concrete AASHTO designation M148 shall be used to cover all finished concrete. **The use of fiber mesh to these above specifications will be allowed.**

3.9.3 Drive approach and walk sections of the approach shall be a minimum of 7" thick.

3.9.4 One-half inch (1/2") x 7" expansion joint material full depth shall be placed between the curb and gutter and the approach or as directed by the City of Franklin Engineering staff.

3.9.5 Approach grades and configuration shall conform to these specifications as given in Figures No. 11, No. 12, No. 13 and No. 14.

3.9.6 It is the City's intent to allow the removal of the existing curb head section of the concrete curb and gutter to provide an opening to be used for the installation of the driveway approach. A driveway approach permit is required for curb head removal and must be obtained from the Building Inspection Office prior to starting this work. Complete removal and replacement of curb sections for drive approach openings is also allowed, but remaining undisturbed sections cannot be less than 5' in length.

If abutting asphalt is disturbed it shall be removed to minimum of 18" wide the entire width of the approach and replaced in like and kind.

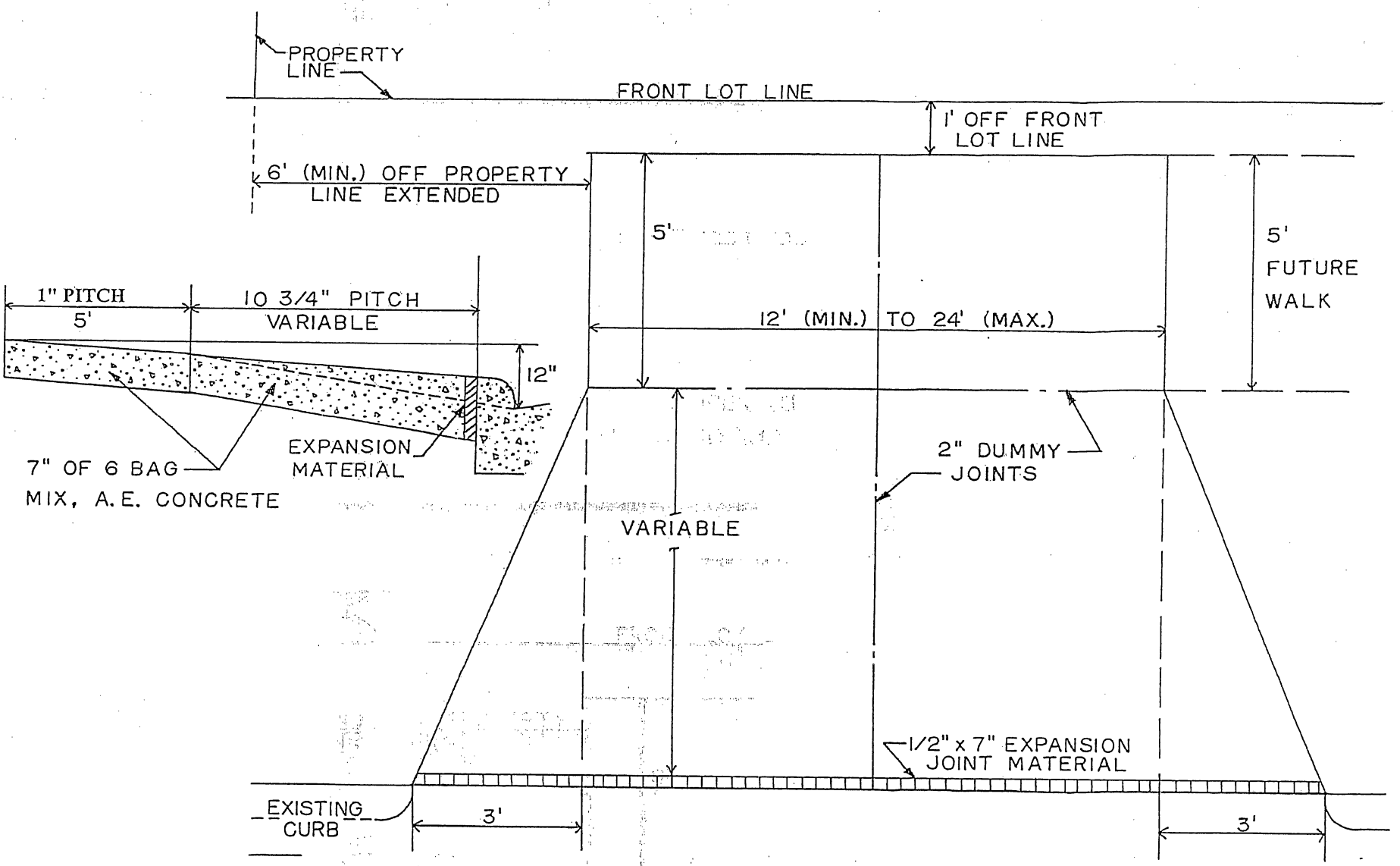
3.9.7 The curb cut shall allow for 1/2" rise from the gutter to the beginning of the cut of the curb back. The ascending slope from that rise to the back of the curb shall be 1 inch.

3.9.8 Existing curb shall be cut with an 18 inch down slope at each side of the driveway opening.

3.9.9 Existing curb expansion joints shall be a minimum of 6 inches from the down slope on each side of the driveway opening. Existing curb expansion joints will not be allowed in either down slope cut. An inspection is required prior to cutting, certifying proper location. See Figure No. 11.

3.9.10 A special driveway approach has been designed for commercial and industrial development by the City of Franklin Engineering Department. This detail is available through the Engineering Department.

FIGURE 11



NOTE: FOR REMOVAL OF CURB BACK FOR DRIVEWAY OPENING REFER TO SECTION 3.9 OF FRANKLIN DESIGN STANDARD AND CONSTRUCTION SPECIFICATIONS

TYPICAL FLARED DRIVEWAY APPROACH-VERTICAL FACE CONCRETE CURB

FRANKLIN
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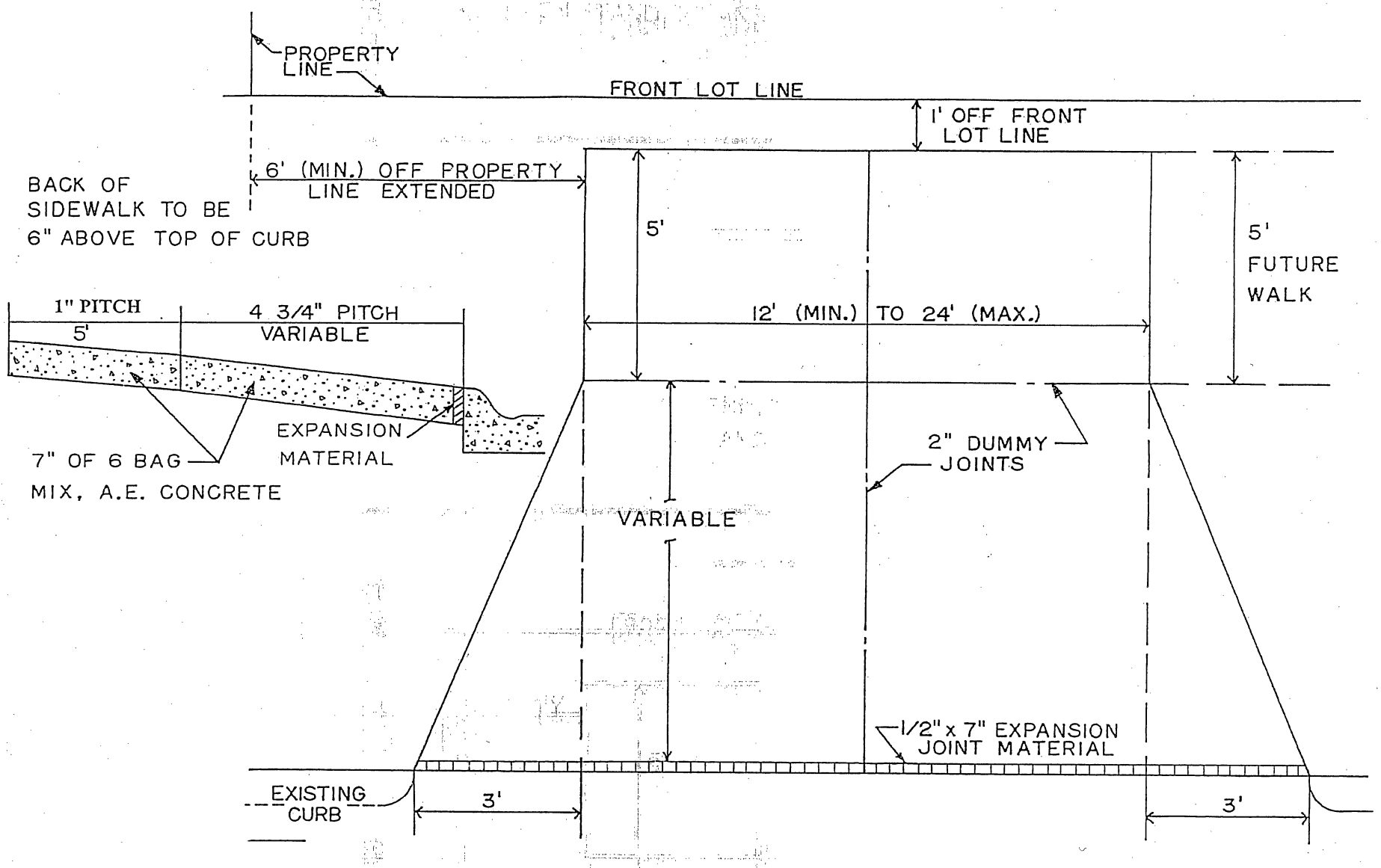

FIGURE 12

NOTE: FOR REMOVAL OF CURB BACK FOR DRIVEWAY OPENING REFER TO SECTION 3.9 OF FRANKLIN DESIGN STANDARD AND CONSTRUCTION SPECIFICATIONS

TYPICAL FLARED DRIVEWAY APPROACH-MOUNTABLE CONCRETE CURB

FRANKLIN
ENGINEEERING DEPT.