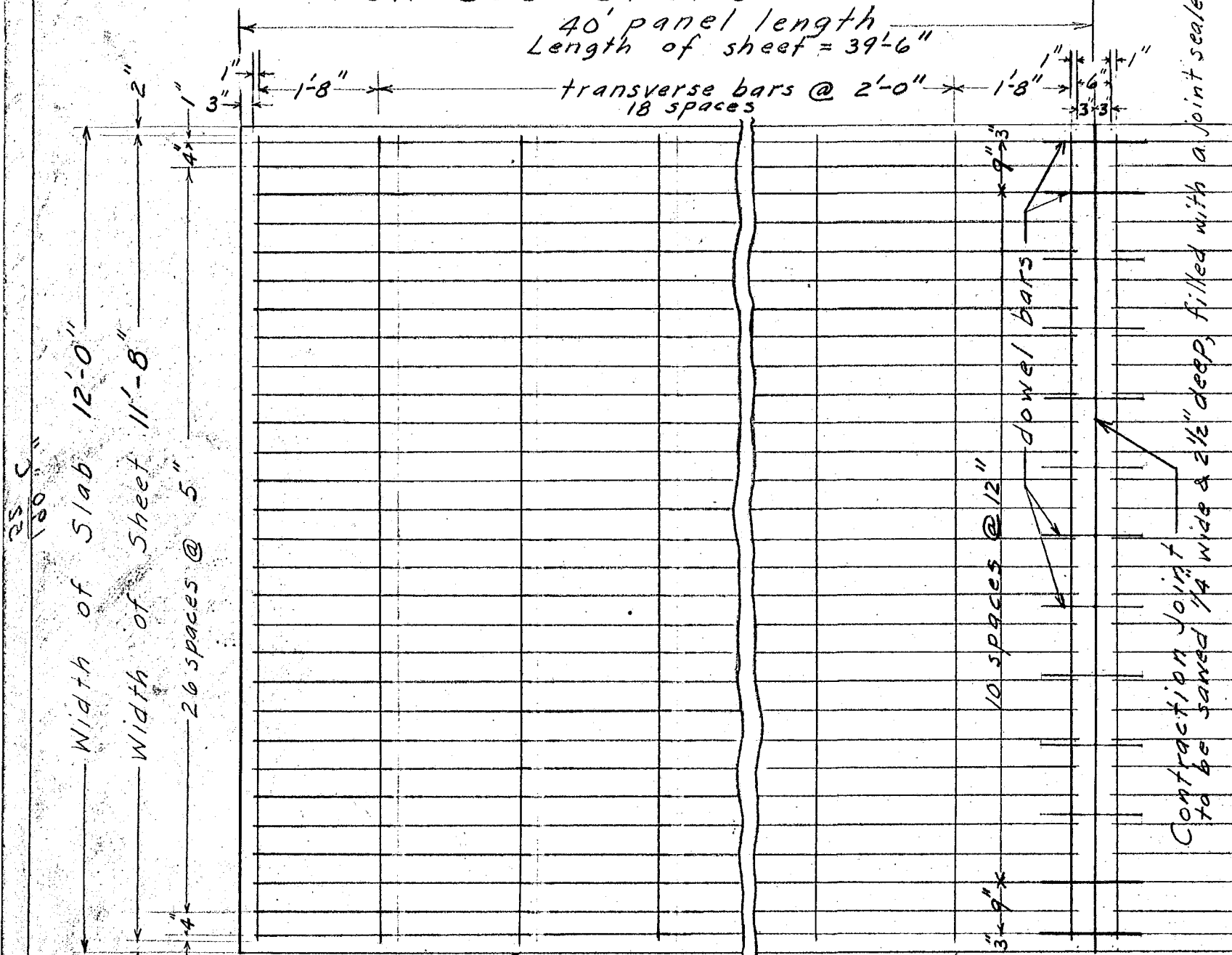


DETAILS OF BAR MAT REINFORCEMENT FOR BUS STOPS

40' panel length
Length of sheet = 39'-6"

transverse bars @ 2'-0" x 1'-8" x 1'-8"
18 spaces



Length of slab shall be 40 feet with doweled contraction joints. Dowel bars shall be plain round 1 1/4" x 18" at 12" cc., placed 5" below the top of the slab, dipped full length in hot, 60-70 penetration asphalt cement. The joints shall be sawed 1/4" wide and 2 1/2" deep, approximately 24 hours after the concrete has been placed or as directed by the Engineer.

REINFORCEMENT BARS shall conform to the requirements of the standard specifications of the A.A.S.H.O. M-31 with the following modifications:

The use of cold twisted bars is not permitted. All bars shall be either "Structural" or "Intermediate" grade open hearth process deformed. The tensile requirements shall conform to the specifications for Billet-Steel Bars for Concrete Reinforcement, A.S.T.M. A-15.

Mats shall consist of two layers of bars which are assembled at right angles to each other and clipped at all intersections to form a rectangular grid. The bars shall have a cross sectional area and weight per foot at least equal to the following requirements:

Size	Area Cross Section	Weight/Ft.
3/8"	.1105	0.376 lbs.
1-1/4"	1.2272	4.172 lbs.

Longitudinal bars in stock lengths (40 ft.) shall be assembled in a mat with laps of 40 diameters (15").

Reinforcing mats shall be placed 2 1/2" below top of slab.

Sheet 4.

CITY OF HARTFORD

DEPARTMENT OF ENGINEERING

SCALE: 1/2" = 1'-0" JAN. 1952

DAYBOOK No. 09125C

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All longitudinal & transverse bars to be 3/8" deformed steel bars