**TOP VIEW—TYPICAL PLACEMENT OF WATERSTOP IN DOWEL BAR EXPANSION JOINT**

Reinforcing Steel Shall Not Be Continuous Through The Construction Joint

**DETAIL 1**

3/4"x18" long Plain Bar

3/4" Preformed Joint Filler

End Waterstop 3" From Top Of Wall

Class II Type E
Size 20 Or 22

Expansion Chamber

3/4" Chamfer

Dowel Bar (See Detail 1)

**TOP VIEW—DOWEL BAR LAYOUT FOR DOWEL BAR EXPANSION JOINT**

**DETAIL OF SHEAR PLATE CONSTRUCTION JOINT**

1/4"x 6" Steel Plate To Be Continuous Throughout Construction Joint. Where A Splice Is Necessary, The Ends Shall Be Butt Welded, Lapped 3" And Fillet Welded Or Lapped 3" And Bolted.

(Steel Plate Ends Shall Have A Minimum Of 2" Concrete Cover.)

Centerline Of Wall

NOTE:

Steel plate shall be free from dirt, oil, grease, paint, mill scale, loose or thick rust, or other coating which might destroy or reduce its bond with concrete.

Reinforcing Steel Shall Be Continuous Through The Construction Joint