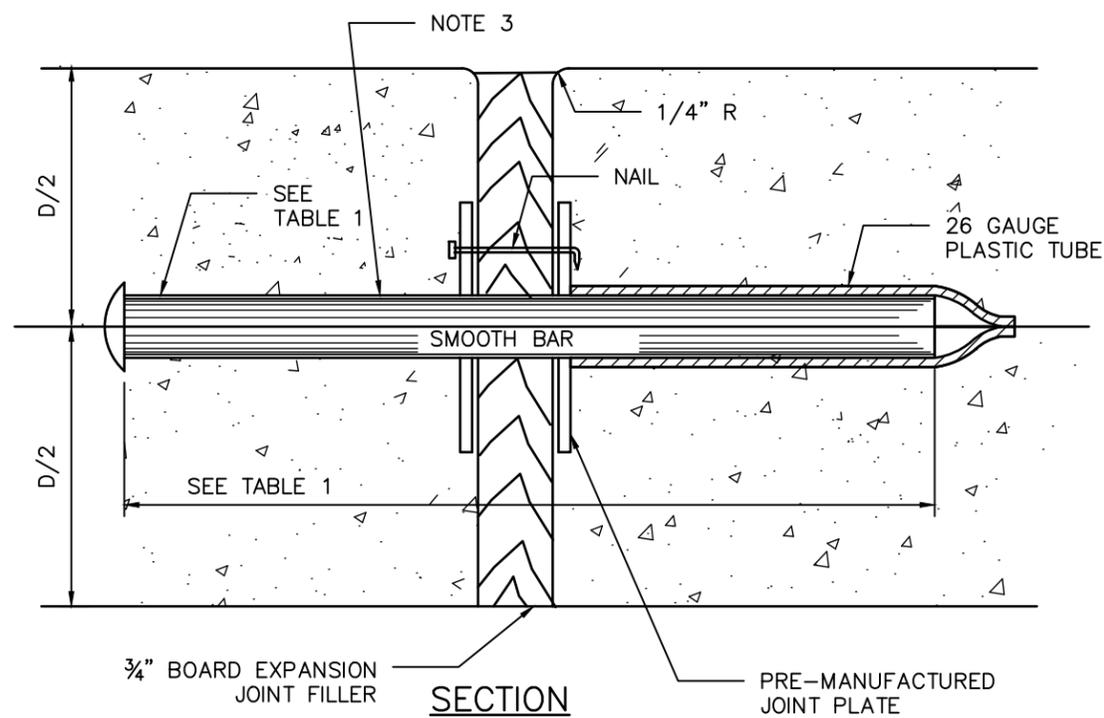
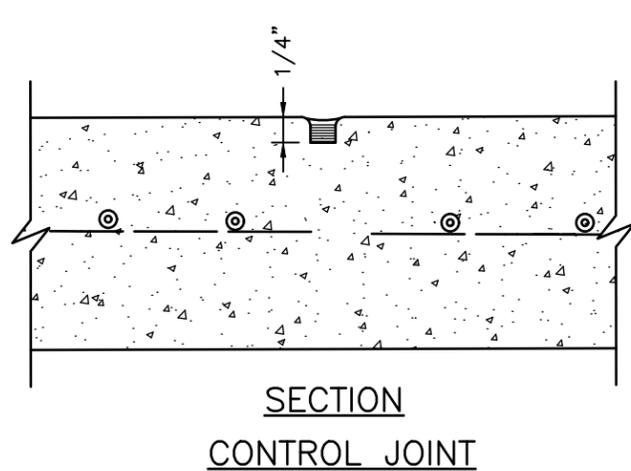
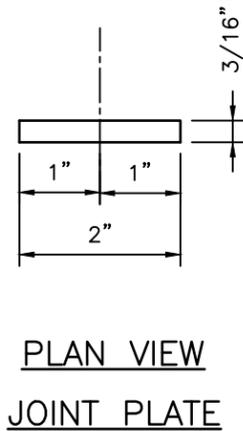


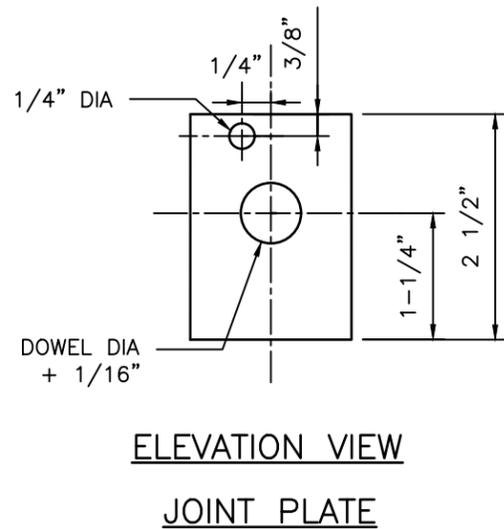
DISCLAIMER: THE USE OF THIS STANDARD IS GOVERNED BY THE TEXAS ENGINEERING PRACTICE ACT. THE DESIGN REQUIREMENTS ON THIS STANDARD DO NOT PURPORT TO ADDRESS ALL OF THE SAFETY CONCERNS ASSOCIATED WITH THEIR USE. THE ENGINEER OF RECORD (EOR) IS TO REVIEW THESE DESIGN REQUIREMENTS AND BY AUTHORIZING THEIR USE, ACCEPTS RESPONSIBILITY FOR THEIR APPLICABILITY, ADEQUACY AND SAFETY. NO WARRANTY OF ANY KIND IS MADE BY THE CITY OF HOUSTON FOR ANY PURPOSES WHATSOEVER. THE CITY OF HOUSTON ASSUMES NO RESPONSIBILITY FOR INCORRECT RESULTS OR DAMAGES RESULTING FROM ITS USE.



**DOWEL TYPE EXPANSION JOINT**



**SECTION CONTROL JOINT**

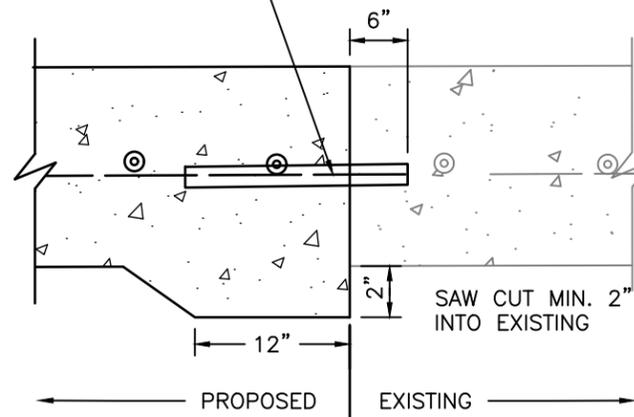


**ELEVATION VIEW JOINT PLATE**

**TABLE 1**

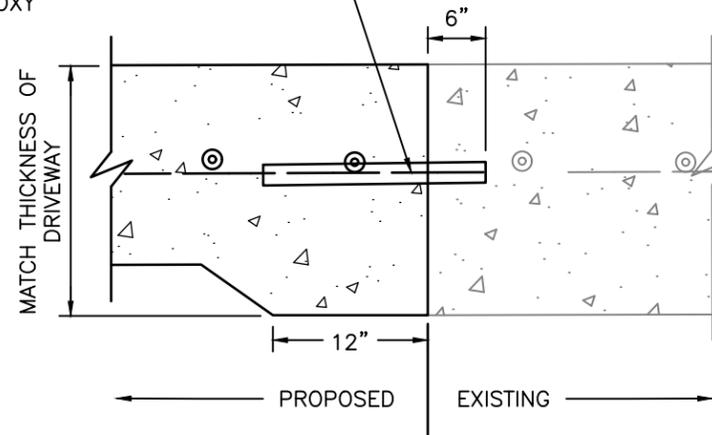
PAVEMENT THICKNESS (IN)	DOWEL SIZES AND SPACINGS		
	DIAMETER (IN)	LENGTH (IN)	SPACING (IN)
4 1/2	1/2	18	12
5	1/2	18	12
6	3/4	18	12
7	1	18	12

#4 DEFORMED BAR EMBEDDED IN EXISTING CONCRETE WITH EPOXY



**SECTION SIDEWALK TO EXISTING SIDEWALK**

#4 DEFORMED BAR EMBEDDED IN EXISTING CONCRETE WITH EPOXY



**SECTION SIDEWALK TO EXISTING DRIVEWAY**

**NOTES:**

1. STEEL TO MEET ASTM STANDARD SPECIFICATIONS FOR CONCRETE REINFORCING BARS.
2. EXPANSION JOINT TO BE PLACED AT THE END OF EACH CURB RADIUS AND SPACED AT A MAXIMUM DISTANCE OF 3 FEET MAXIMUM SPACING FOR CONTROL JOINTS SHALL BE 5 FEET.
3. CENTER DOWEL HORIZONTALLY ON JOINT.
4. CENTER DOWEL VERTICALLY IN CONCRETE AS NEEDED TO MAINTAIN A 2 INCH MINIMUM COVER.

**CITY OF HOUSTON**  
HOUSTON PUBLIC WORKS STANDARD

**SIDEWALK EXPANSION AND CONSTRUCTION JOINT DETAILS**

(SCALE: NOT TO SCALE)

APPROVED BY:

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EFF DATE: NOV-27-2023 DWG NO: 02752-02