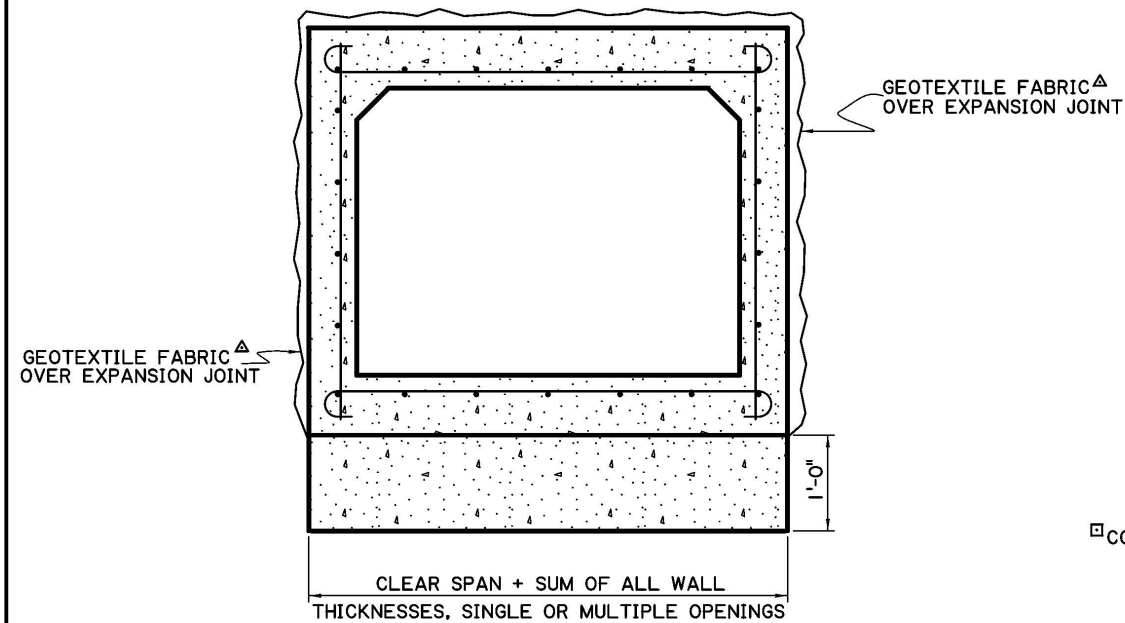
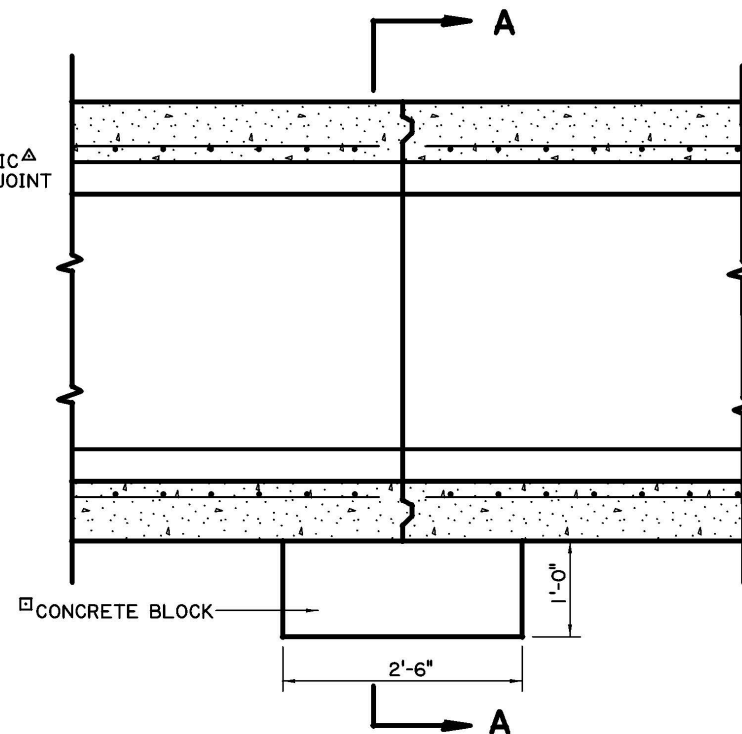




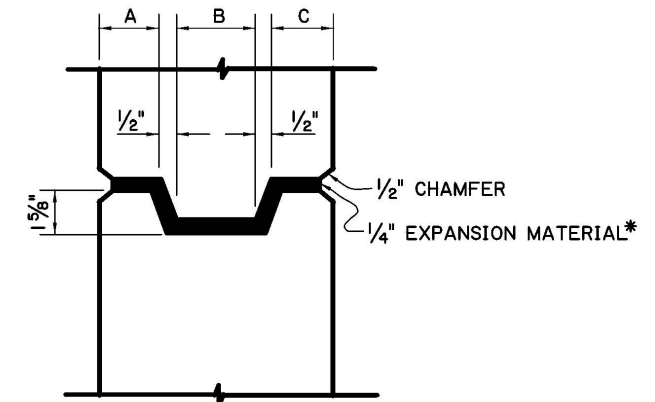
SECTION A-A



LONGITUDINAL BARREL SECTION

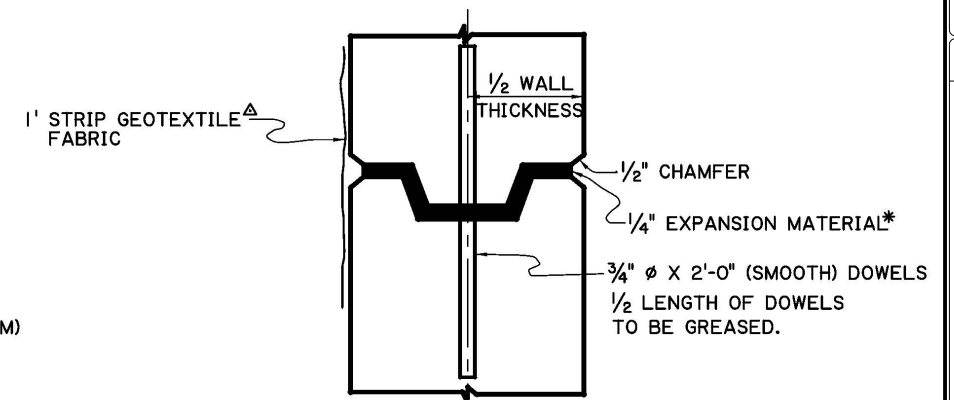
KEYED EXPANSION JOINTS (SEE DETAIL "A") TO BE SPACED SO THAT BARREL SHALL NOT BE CONTINUOUS FOR MORE THAN 200'. NO REINFORCING STEEL SHALL EXTEND THROUGH JOINT.

CONCRETE BLOCK TO BE PAID FOR AS CLASS "A" CONCRETE. CONCRETE BLOCK IS NOT REQUIRED IF A WORKING TABLE (DRY BOTTOM) IS CAST AS A BASE FOR PLACEMENT IN THE FIELD.



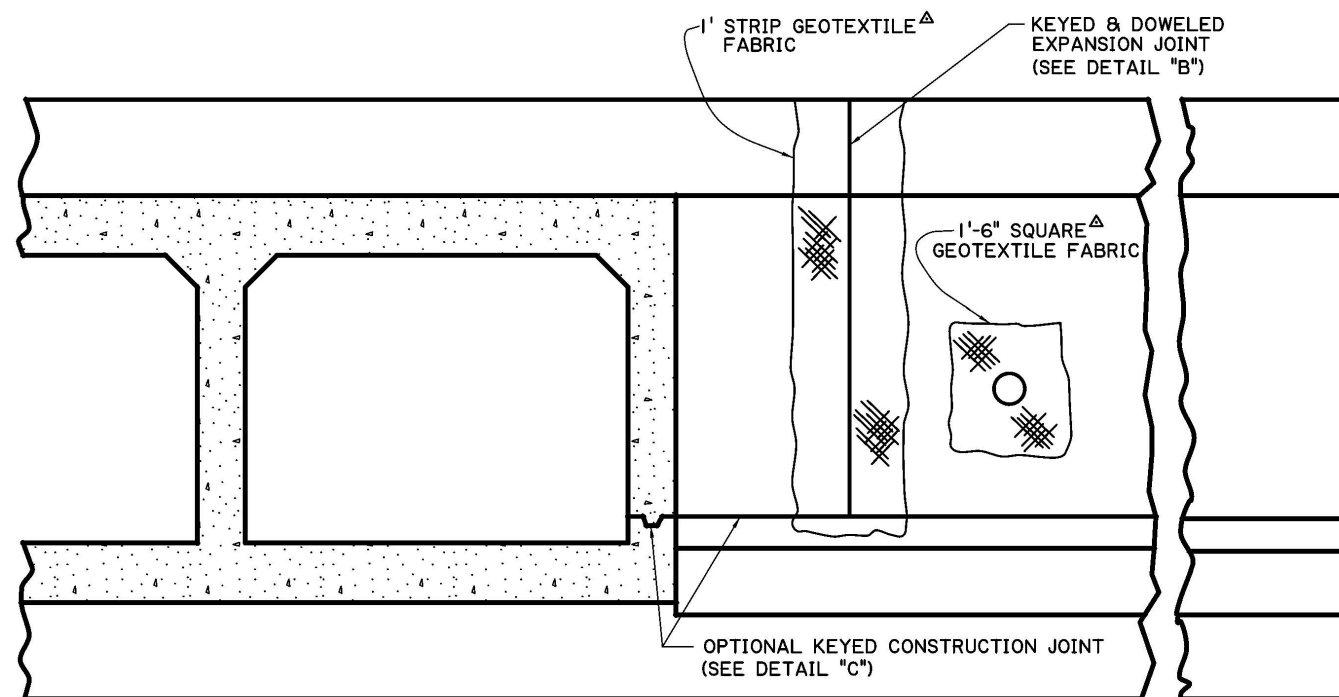
**DETAIL "A"
KEYED EXPANSION JOINT**

*IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR PREFORMED JOINT FILLERS (PREFORMED RESILIENT BITUMINOUS TYPES)



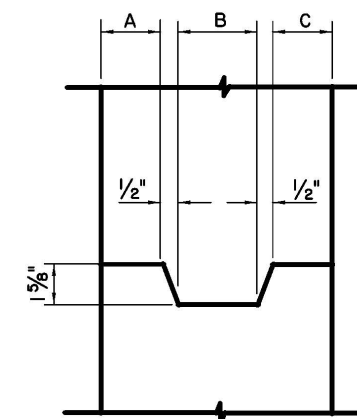
**DETAIL "B"
KEYED & DOWELED
EXPANSION JOINT**

(FOR BOX CULVERT WING WALLS)



SECTION SHOWING REAR SIDE OF WING WALL

WALL OR SLAB	A	B	C
6"	1 1/2"	2"	1 1/2"
6 1/2"	1 5/8"	2 1/4"	1 5/8"
7"	1 3/4"	2 1/2"	1 3/4"
7 1/2"	2"	2 1/2"	2"
8"	2 1/8"	2 3/4"	2 1/8"
8 1/2"	2 3/8"	2 3/4"	2 3/8"
9"	2 1/2"	3"	2 1/2"
9 1/2"	2 3/4"	3"	2 3/4"
10"	2 7/8"	3 1/4"	2 7/8"
10 1/2"	3"	3 1/2"	3"
11"	3 1/8"	3 3/4"	3 1/8"
11 1/2"	3 1/4"	4"	3 1/4"
12"	3 1/2"	4"	3 1/2"



**DETAIL "C"
KEYED CONSTRUCTION JOINT**

△ IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR GEOTEXTILE FABRIC

SHEET NUMBER		PARISH		STATE PROJECT	
		CONTROL SECTION			
DESIGN	CHECK	DETAIL	CHECK	REVIEW	SERIES
		MN	PAA		1 OF 1
APPROVED BY CHIEF ENGINEER:					
DATE: 6/1/2026					
REVISION OR CHANGE ORDER DESCRIPTION					
NO. DATE					
BY					
EXPANSION AND CONSTRUCTION JOINT FOR CONCRETE STRUCTURES					
CM-49					
STANDARD PLAN					