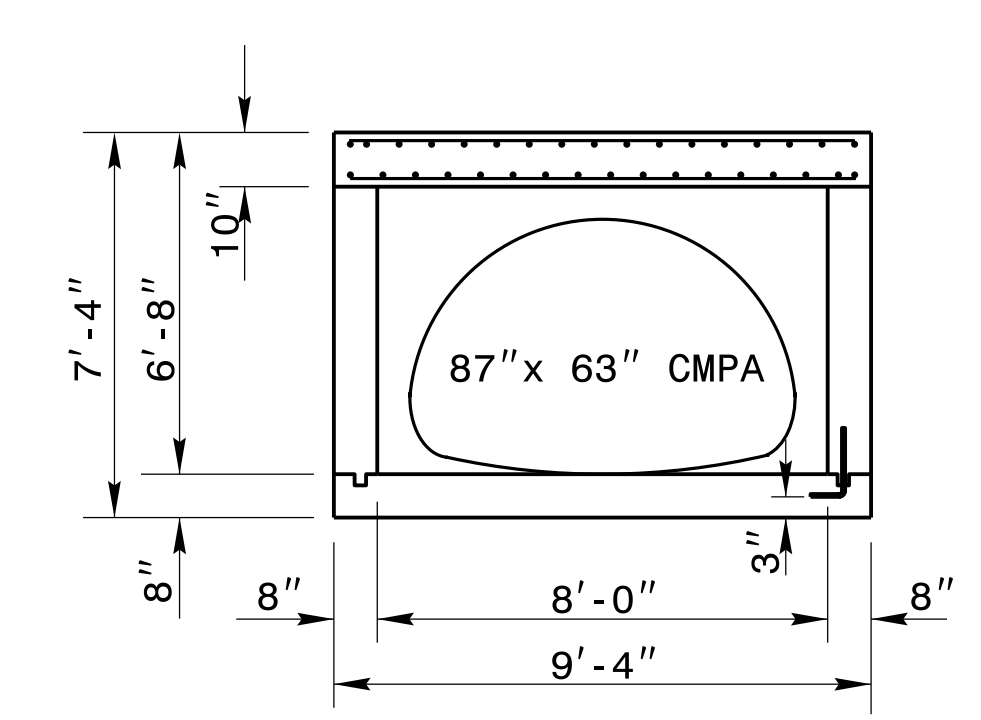
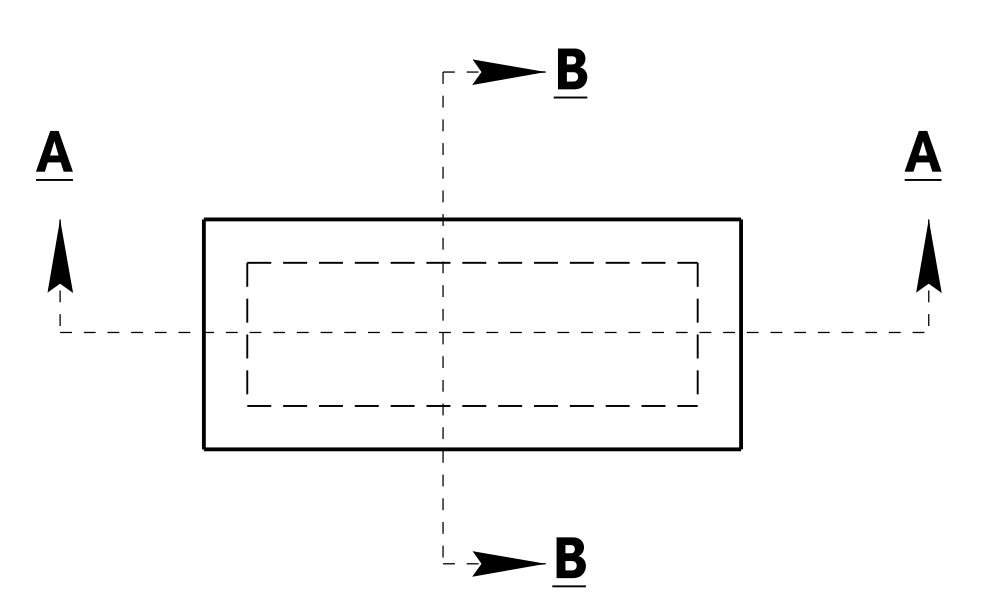


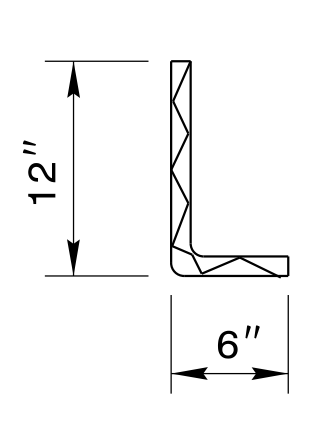
**SECTION B-B**



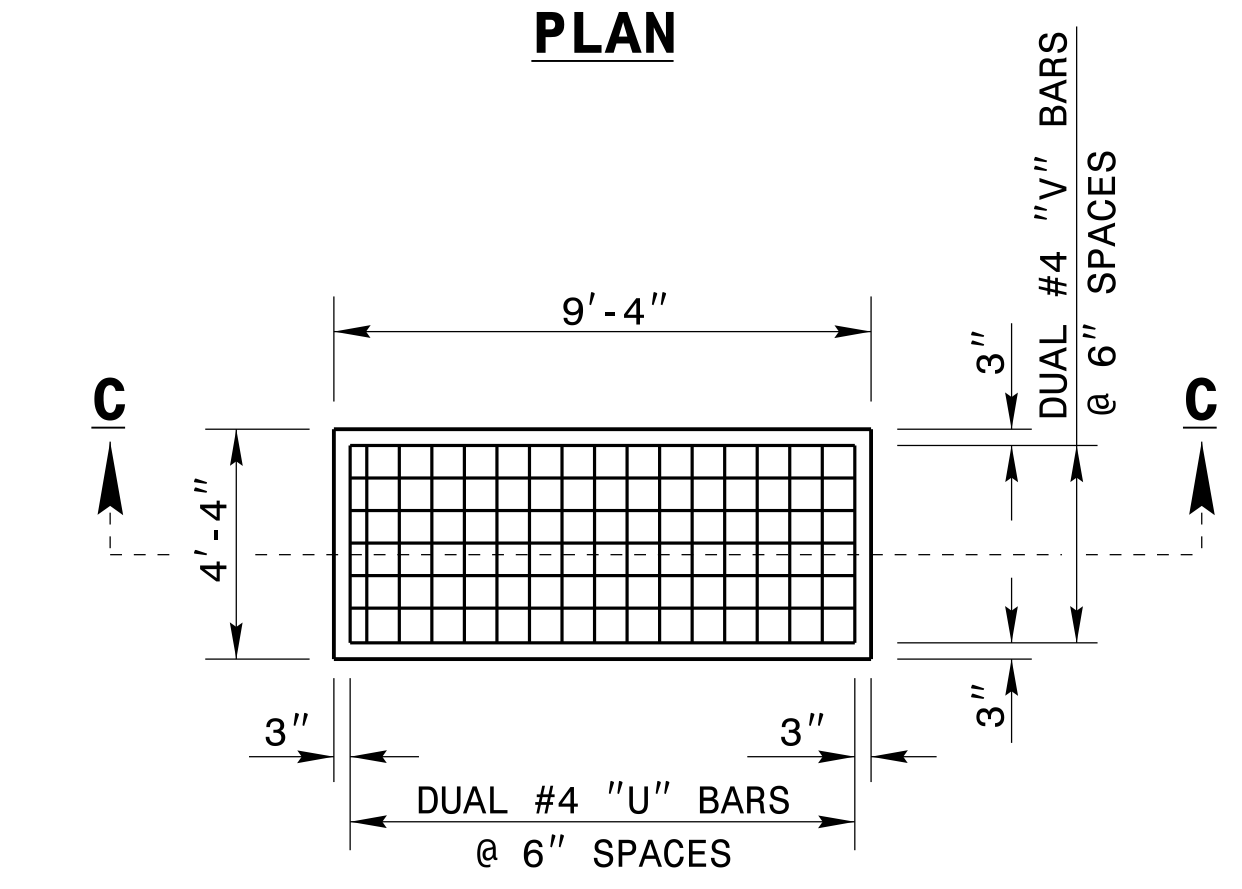
**SECTION A-A**



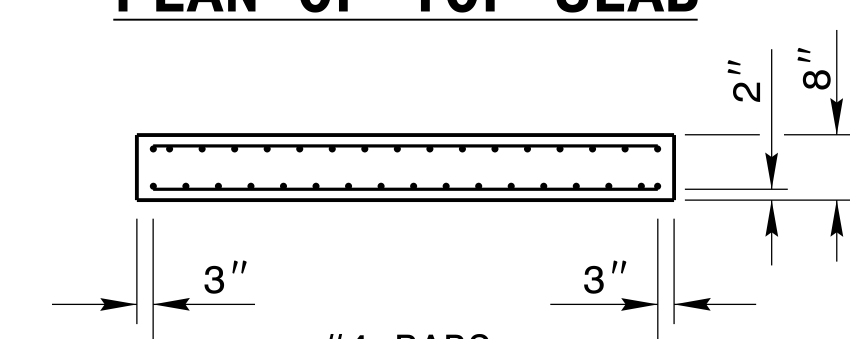
**PLAN**



**DOWEL**



**PLAN OF TOP SLAB**



**SECTION C-C**

**GENERAL NOTES:**

USE CLASS "B" CONCRETE THROUGHOUT.

OPTIONAL CONSTRUCTION - MONOLITHIC POUR, 2" KEYWAY, OR #4 BAR DOWELS AT 12" CENTERS AS DIRECTED BY THE ENGINEER.

USE FORMS FOR THE CONSTRUCTION OF THE BOTTOM SLAB.

IF REINFORCED CONCRETE PIPE IS SET IN BOTTOM SLAB OF BOX, ADD TO SLAB AS SHOWN ON STD. NO. 840.00.

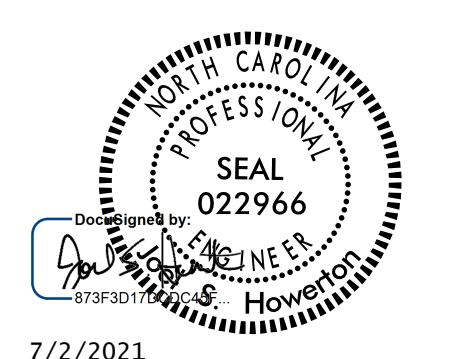
INSTALL STD 840.24 FRAME AND GRATE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

CONSTRUCT WITH PIPE CROWNS MATCHING.

CHAMFER ALL EXPOSED CORNERS 1".

DRAWING NOT TO SCALE.

BILL OF MATERIAL FOR CATCH BASIN				
REINF. STEEL			1 PIPE	
BAR	SIZE	LENGTH	NO.	WEIGHT
U	#4	3'-10"	40	103
V	#4	8'-10"	18	107
REINF. STEEL LBS.				210
TOTAL CLASS "B" CONCRETE			CU. YDS.	5.2



7/2/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

**CONTRACT STANDARDS AND DEVELOPMENT UNIT**  
Office 919-707-6950 FAX 919-250-4119

**CONCRETE JUNCTION BOX FOR 87" X 63" CM PIPE ARCH**

ORIGINAL BY: kakempf DATE: 06-05-13  
 MODIFIED BY: DATE:  
 CHECKED BY: DATE:  
 FILE SPEC.: special\_details/kkempf/english/pipe\_arch\_jb\_71x47.dgn

23-JAN-2019 08:38  
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