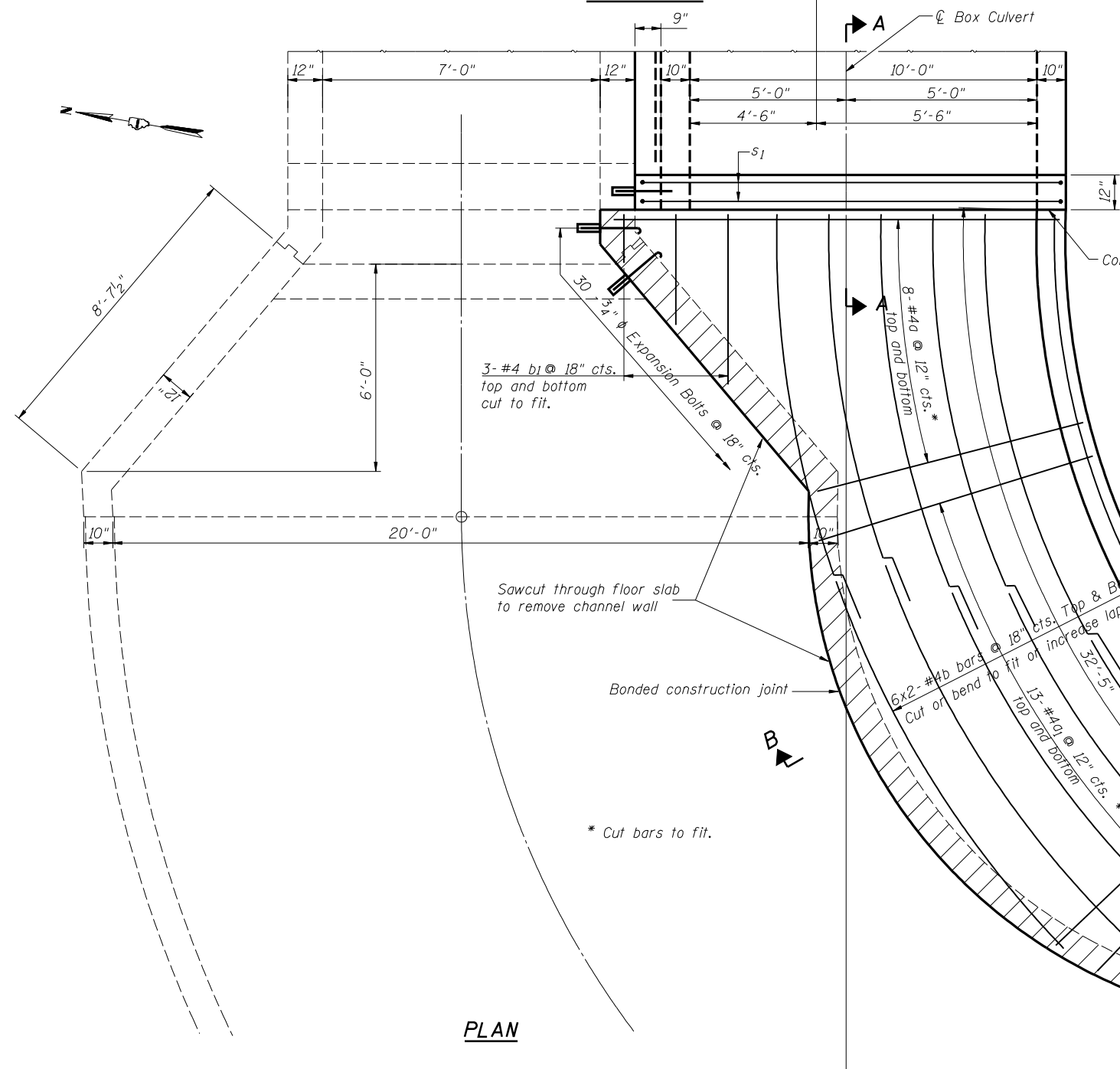
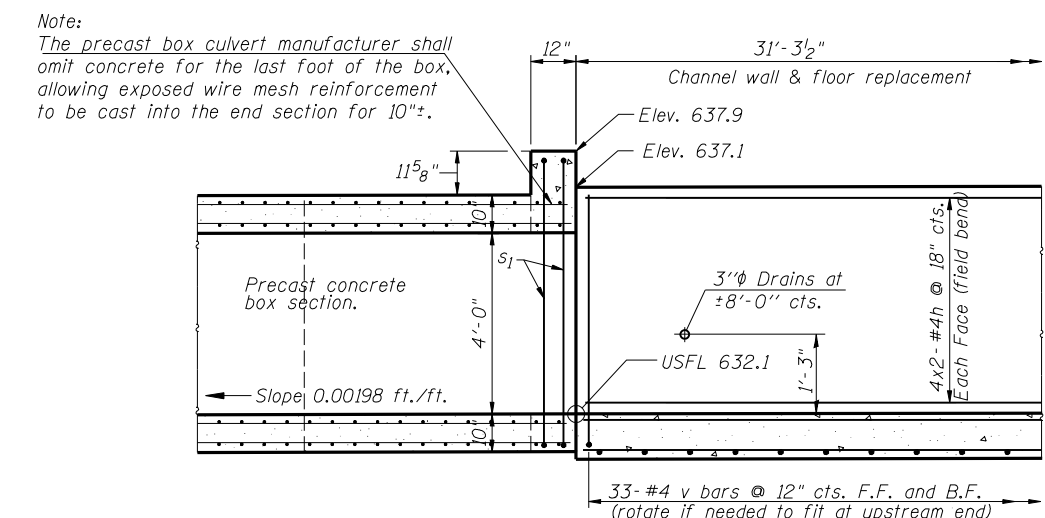


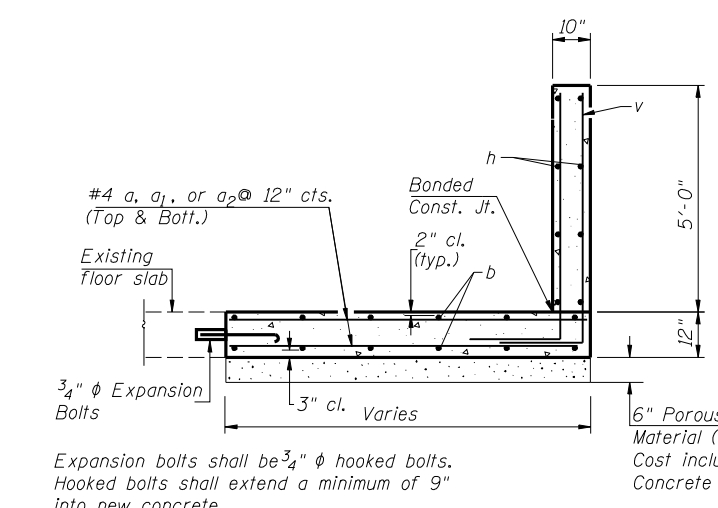
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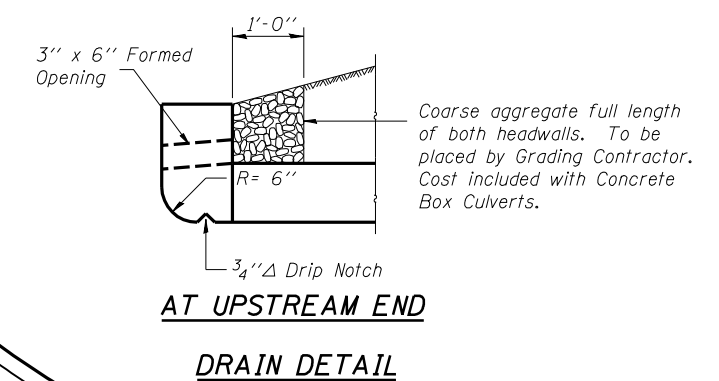
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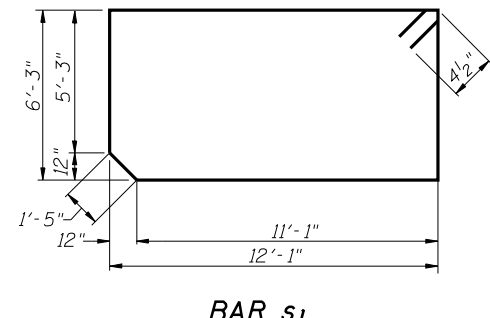
SECTION A-A



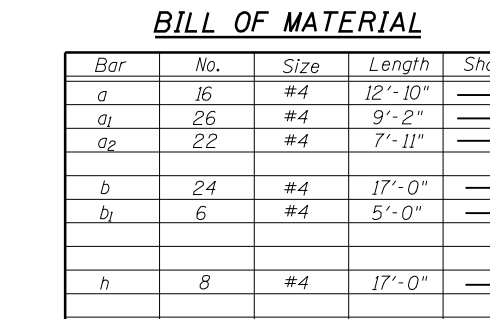
SECTION B-B



DRAIN DETAIL



BAR v



BAR s1

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	16	#4	12'-10"	—
a1	26	#4	9'-2"	—
a2	22	#4	7'-11"	—
b	24	#4	17'-0"	—
b1	6	#4	5'-0"	—
h	8	#4	17'-0"	—
s1	2	#4	36'-10"	□
v	66	#4	8'-0"	┘
Expansion Bolts 3/4"		Each	36	
Concrete Structures		Cu. Yd.	16.9	
Reinforcement Bars		Pound	1200	

Bars indicated thus 4x2- #4 etc., indicates 4 lines of bars with 2 lengths per line.

Designed By TMM Checked By JJF
 Drawn By JJF Checked By RLP
 0:\Dwr\Proj\proj\Crystal Creek\Culvert No 5 Upstream End Section.dgn
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