

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

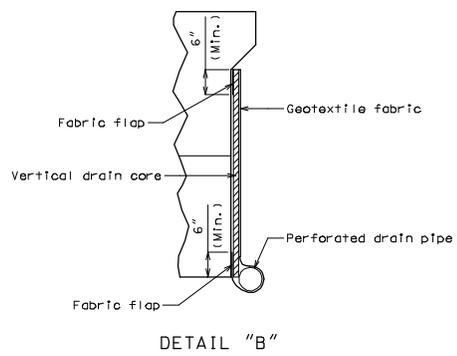
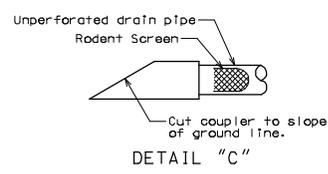
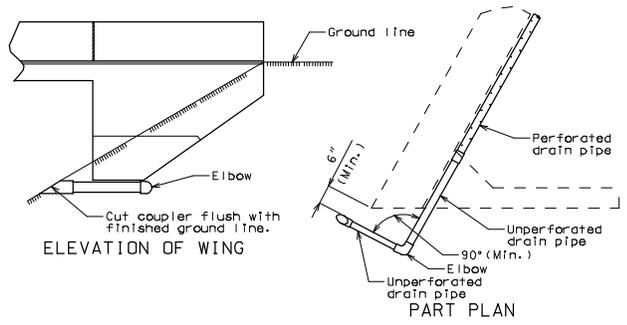
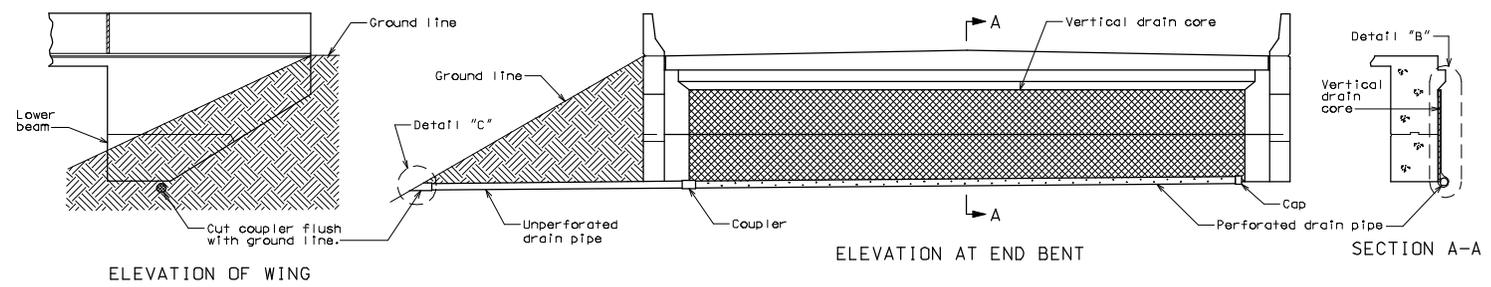
DATE PREPARED	07/28/2008		
ROUTE	STATE	COUNTY	JOB NO.
* BR	MO	*	*
DISTRICT	SHEET NO.	PROJECT NO.	CONTRACT ID.
BR	*		
		BRIDGE NO.	DRA 1

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



**OPTIONAL BENT DRAIN (\*)**

(\*) Only if rock is encountered at outside of wing.

Note to Detailer:  
Remove details that do not apply.  
For End Bent with Intermediate Wing,  
see Standard Library Sheet DRA 8.

Note:  
Drain pipe may be either 6" diameter corrugated metallic-coated steel pipe underdrain, 4" diameter corrugated polyvinyl chloride (PVC) drain pipe, or 4" diameter corrugated polyethylene (PE) drain pipe.

Place drain pipe at fill face of end bent and slope to lowest grade of ground line, also missing the lower beam of end bent by 1/2". (See elevation at end bent.)

Perforated pipe shall be placed at fill face side at the bottom of end bent and plain pipe shall be used where the vertical drain ends to the exit at ground line.

**VERTICAL DRAIN AT END BENTS**

Detailed  
Checked

Note: This drawing is not to scale. Follow dimensions. Sheet No. of