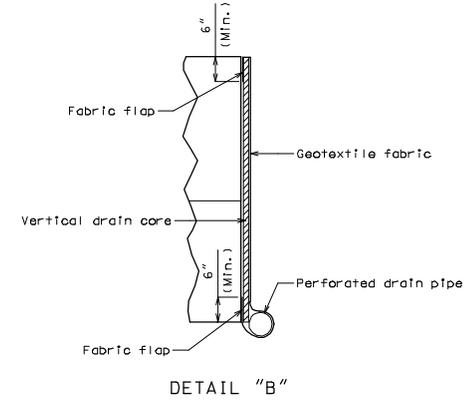
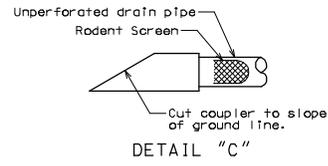


OPTIONAL BENT DRAIN (*)

(*) 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 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.

* THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT. *	
DATE PREPARED	07/28/2008
ROUTE	* MO
DISTRICT	BR
SHEET NO.	*
COUNTY	*
JOB NO.	*
CONTRACT ID.	*
PROJECT NO.	*
BRIDGE NO.	DRA 9
DESCRIPTION	
DATE	
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.	

VERTICAL DRAIN AT END BENTS

Detailed
Checked

Note: This drawing is not to scale. Follow dimensions.

Sheet No. of