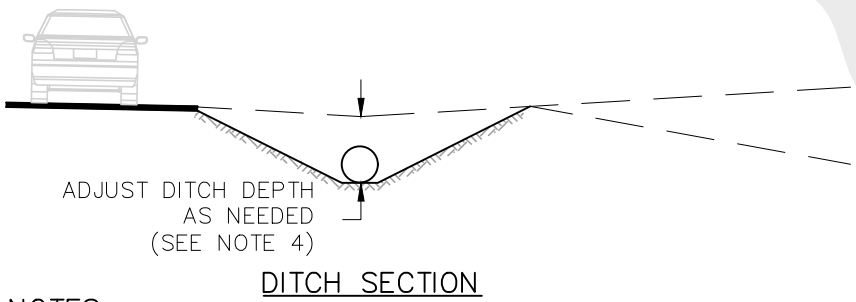
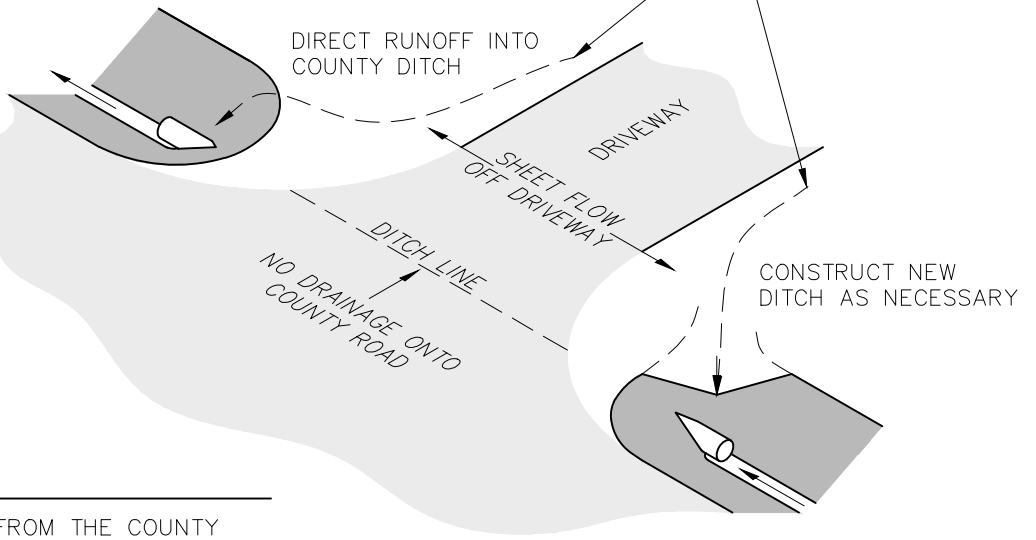


**CULVERT SECTION**




**DITCH SECTION**



**DRAINAGE PLAN**

**NOTES**

1. STORM WATER MANAGEMENT: RUNOFF SHALL BE DIRECTED AWAY FROM THE COUNTY ROADS AND INTO COUNTY ROAD DITCHES, NATURAL DRAINAGE CHANNELS OR APPROVED ONSITE STORM WATER CONVEYANCE AND OR TREATMENT FACILITIES.
2. CULVERT SPECIFICATIONS: CULVERT SHALL BE 12" DOUBLE-WALLED, HIGH DENSITY POLYETHYLENE UNLESS OTHERWISE SPECIFIED BY COUNTY ENGINEERING STAFF. VARIANCE FROM THIS SPECIFICATION MUST BE APPROVED IN WRITING.
3. CULVERT LENGTH: CULVERT MUST BE LONG ENOUGH TO TO ACCOMMODATE THE DRIVEWAY RADII, THE SPECIFIED 2:1 DRIVEWAY FILL SLOPE, PLUS THE REQUIRED 12" CLEAR ZONE AT THE CULVERT ENDS. COUNTY ENGINEERING STAFF WILL PROVIDE A CULVERT LENGTH ESTIMATE, UPON REQUEST.
4. CULVERT DEPTH: CULVERT SHALL BE PLACED DEEP ENOUGH TO ACHIEVE REQUIRED G1 DRIVEWAY GRADE (-4%) AND MINIMUM COVER REQUIREMENTS(4"). ADJUST BOTTOM OF DITCH AS NEEDED, WHILE MAINTAINING EXISTING FLOW DIRECTION AND RELATIVE DITCH GRADE.
5. END TREATMENT: EXTEND CULVERT A MINIMUM OF 12" BEYOND THE TOE OF THE DRIVEWAY FILL SLOPE. MAXIMUM FILL SLOPE ABOVE CULVERT SHALL BE 2:1. DO NOT PLACE ROCKS AT CULVERT ENDS.

<b>DRIVEWAY CULVERT DETAILS</b>		
	<b>Public Works Department</b> <b>San Juan County</b>	2020.03.16
COLIN F. HUNTEMER, PE COUNTY ENGINEER		<b>STANDARD PLAN</b> <span style="font-size: 2em;">200</span>