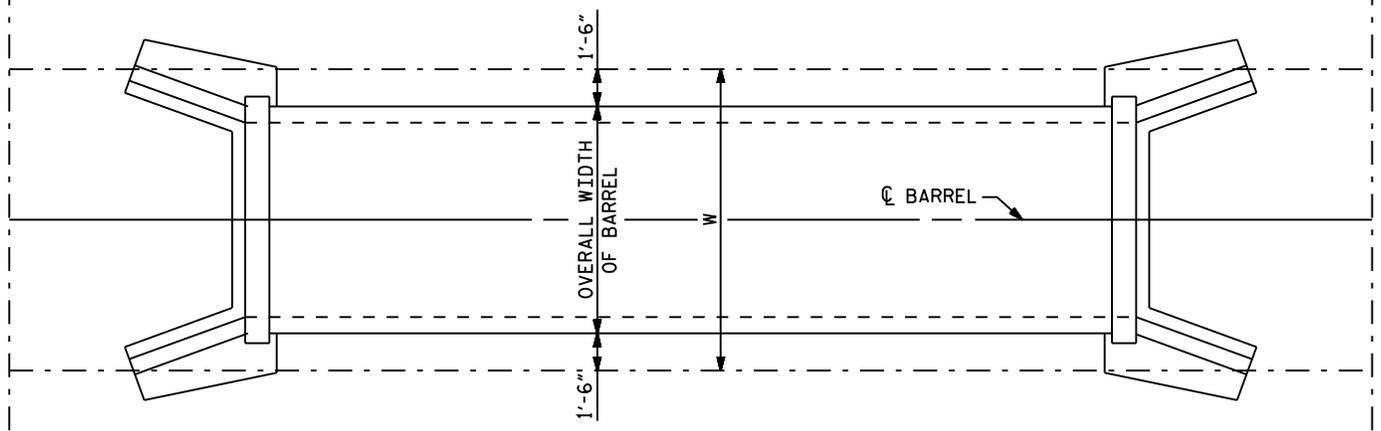
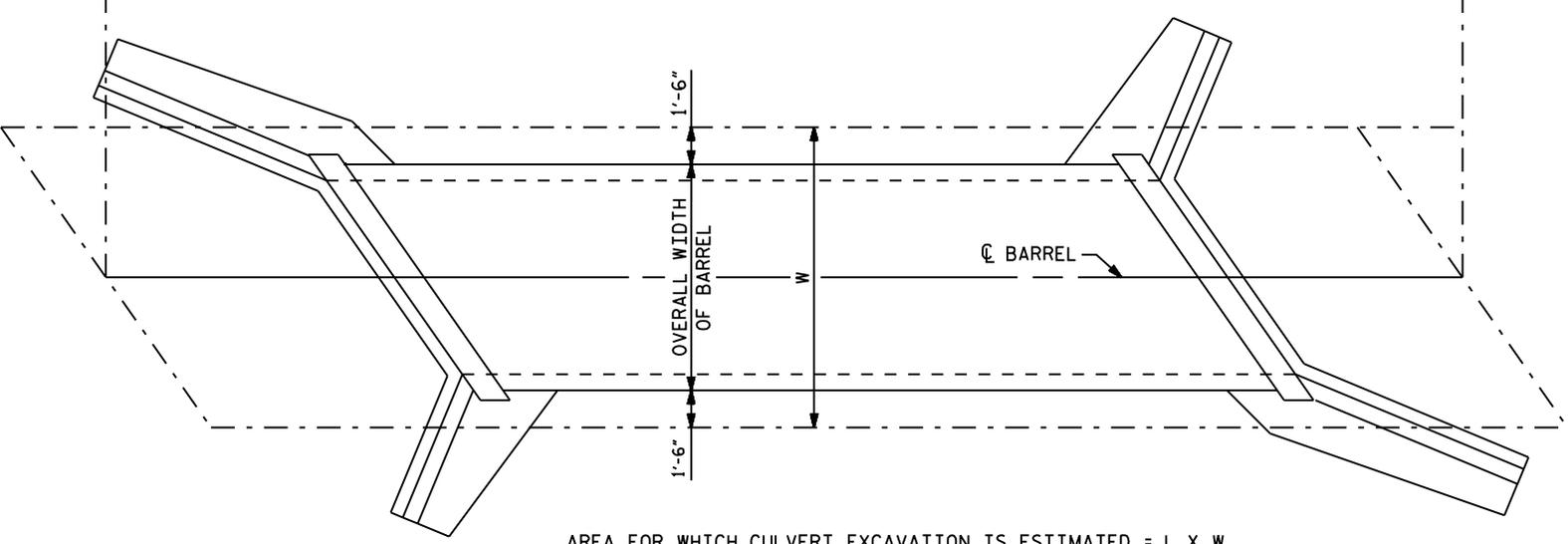


$L = \text{LENGTH OF BARREL PLUS } 2 [\text{VERTICAL CLEARANCE TIMES WING SLOPE}]$



PLAN FOR RIGHT ANGLE CULVERT

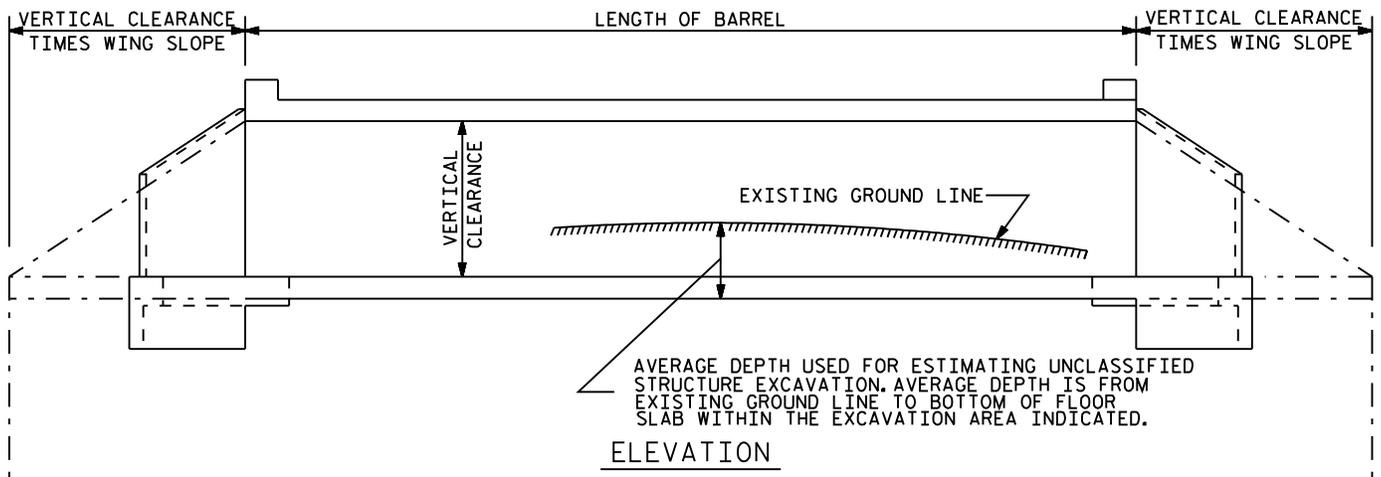
$L = \text{LENGTH OF BARREL PLUS } 2 [\text{VERTICAL CLEARANCE TIMES WING SLOPE}]$



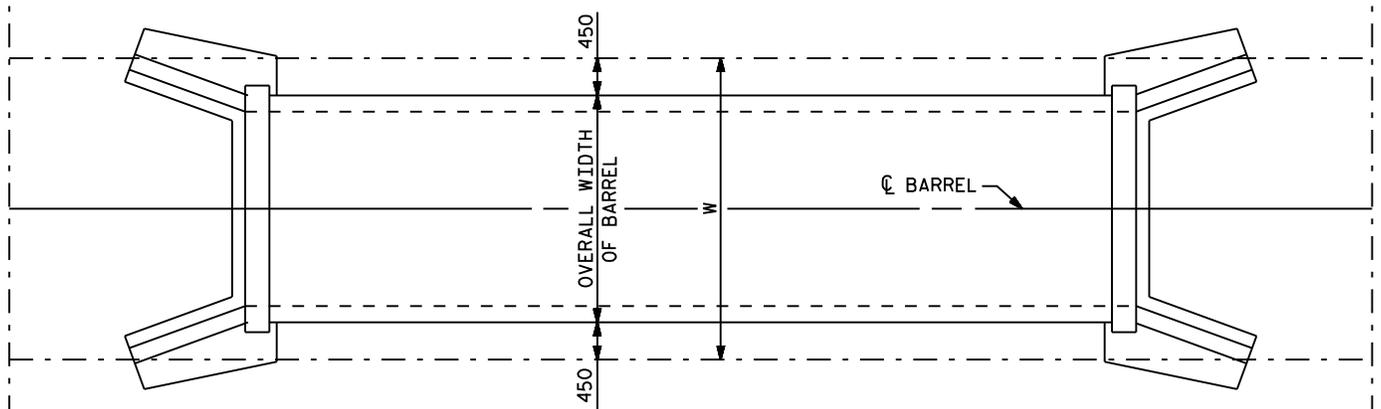
PLAN FOR SKEWED CULVERT

DETAILS FOR COMPUTING CULVERT EXCAVATION

FIGURE 9 - 17



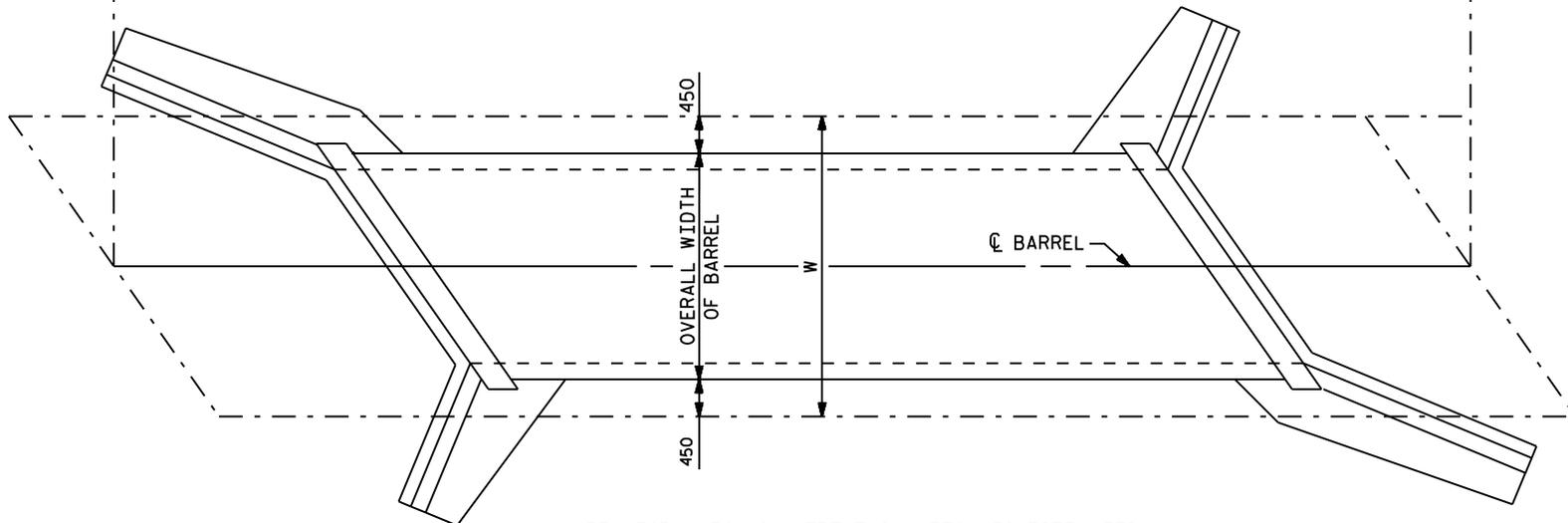
$L = \text{LENGTH OF BARREL PLUS } 2 [\text{VERTICAL CLEARANCE TIMES WING SLOPE}]$



AREA FOR WHICH CULVERT EXCAVATION IS ESTIMATED = $L \times W$

PLAN FOR RIGHT ANGLE CULVERT

$L = \text{LENGTH OF BARREL PLUS } 2 [\text{VERTICAL CLEARANCE TIMES WING SLOPE}]$



AREA FOR WHICH CULVERT EXCAVATION IS ESTIMATED = $L \times W$

PLAN FOR SKEWED CULVERT

DETAILS FOR COMPUTING CULVERT EXCAVATION

FIGURE 9 - 17 M