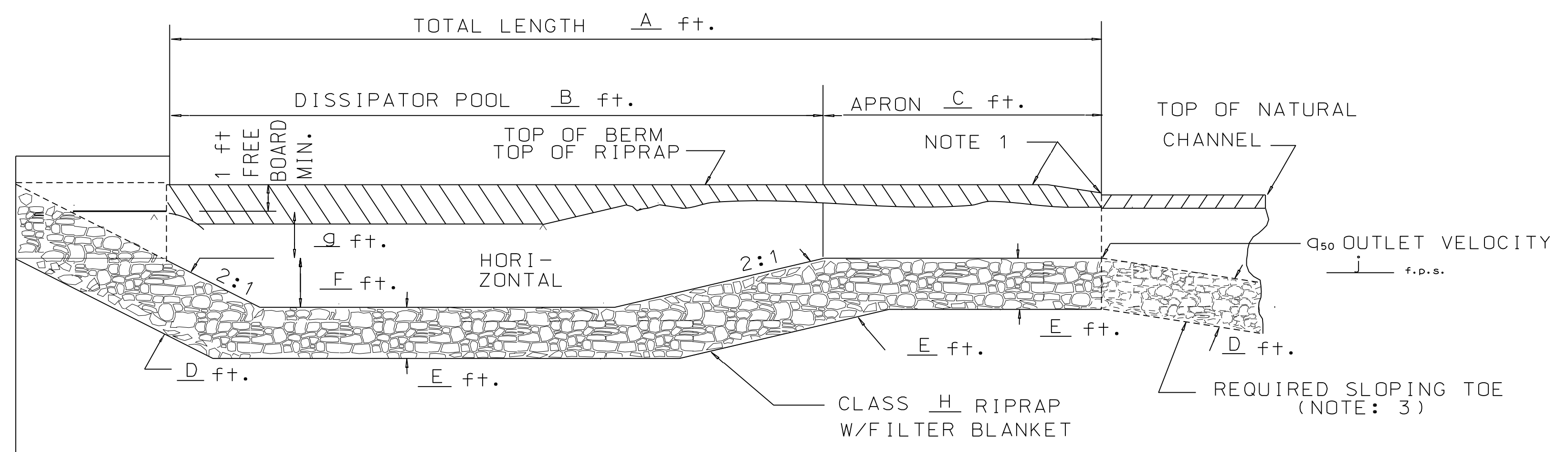
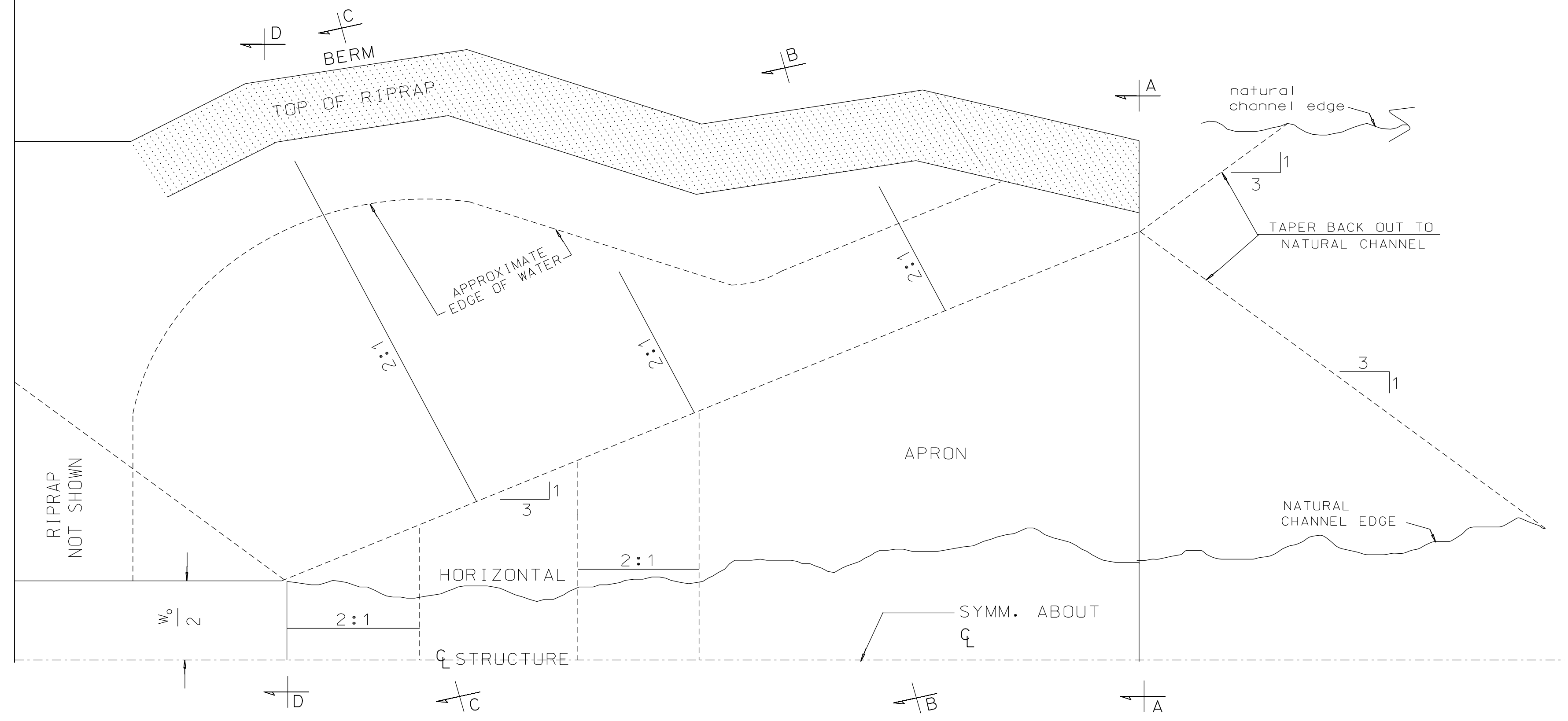


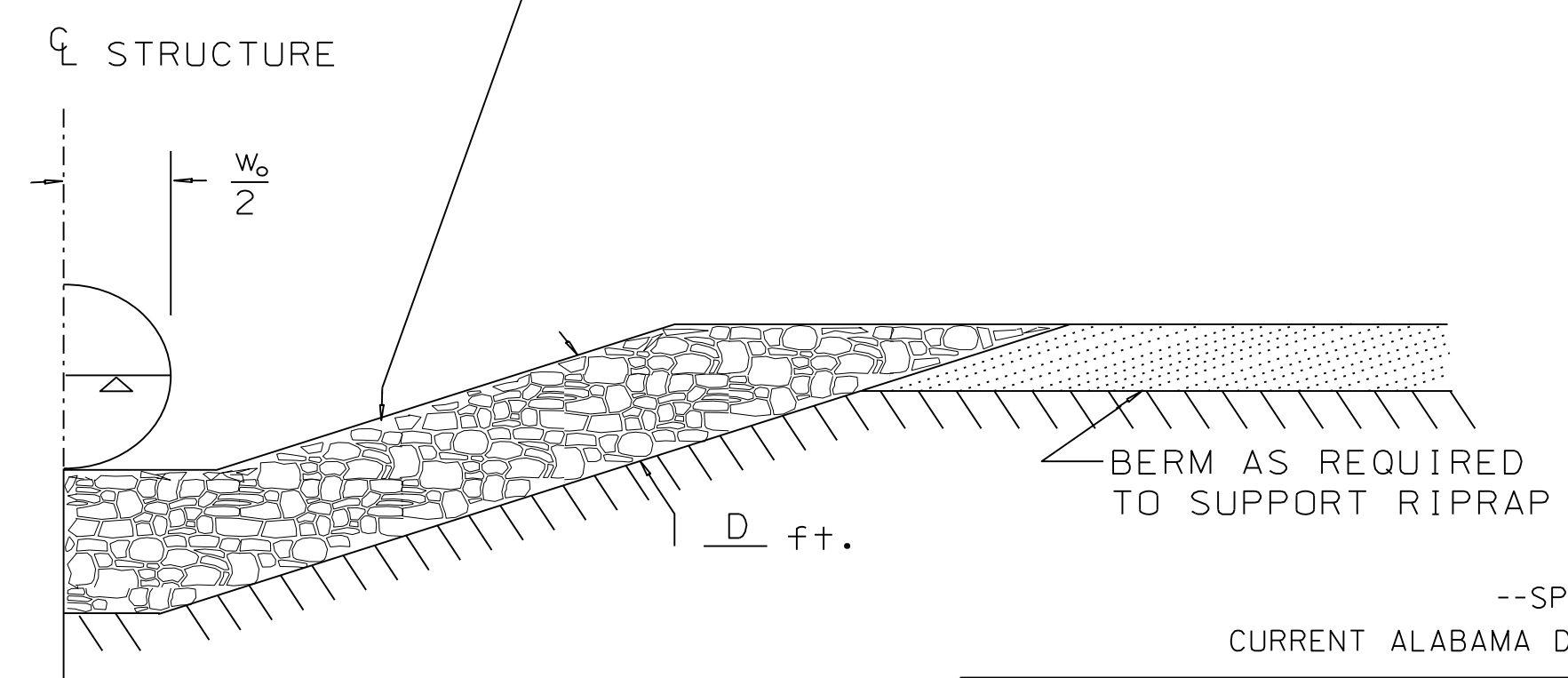
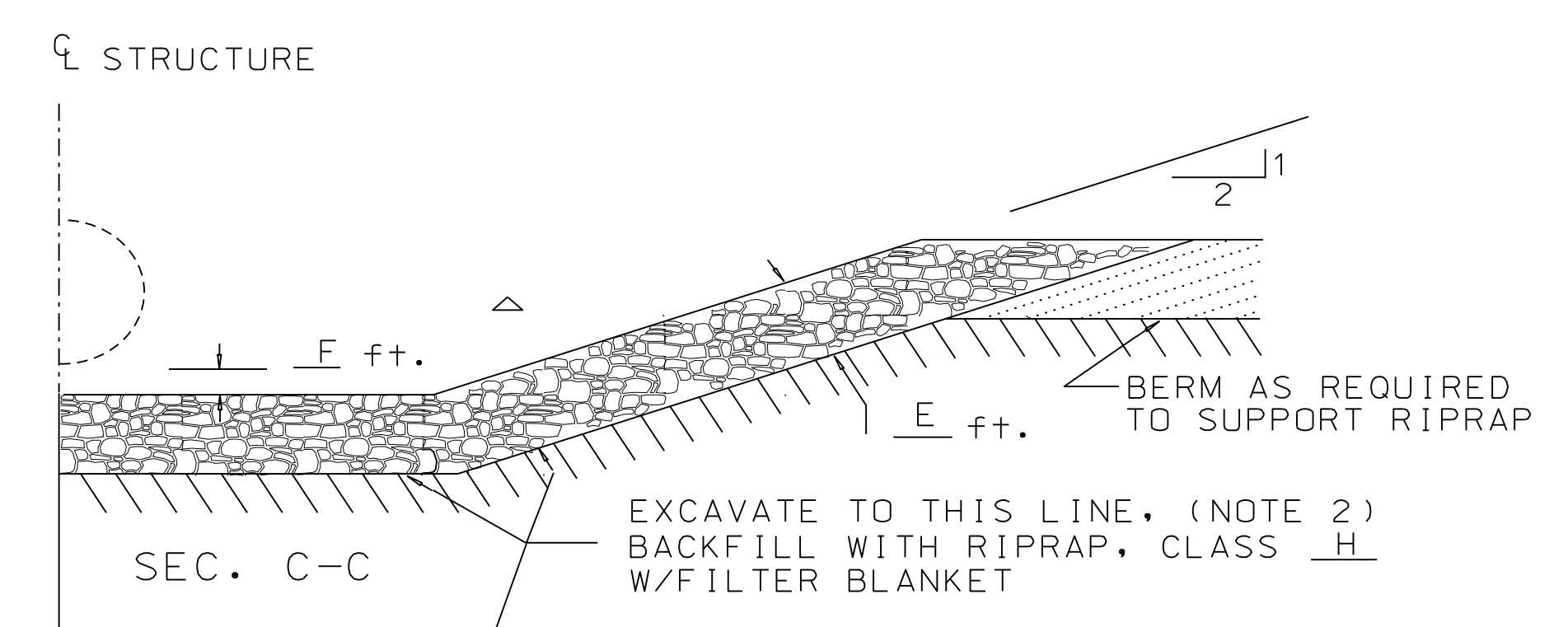
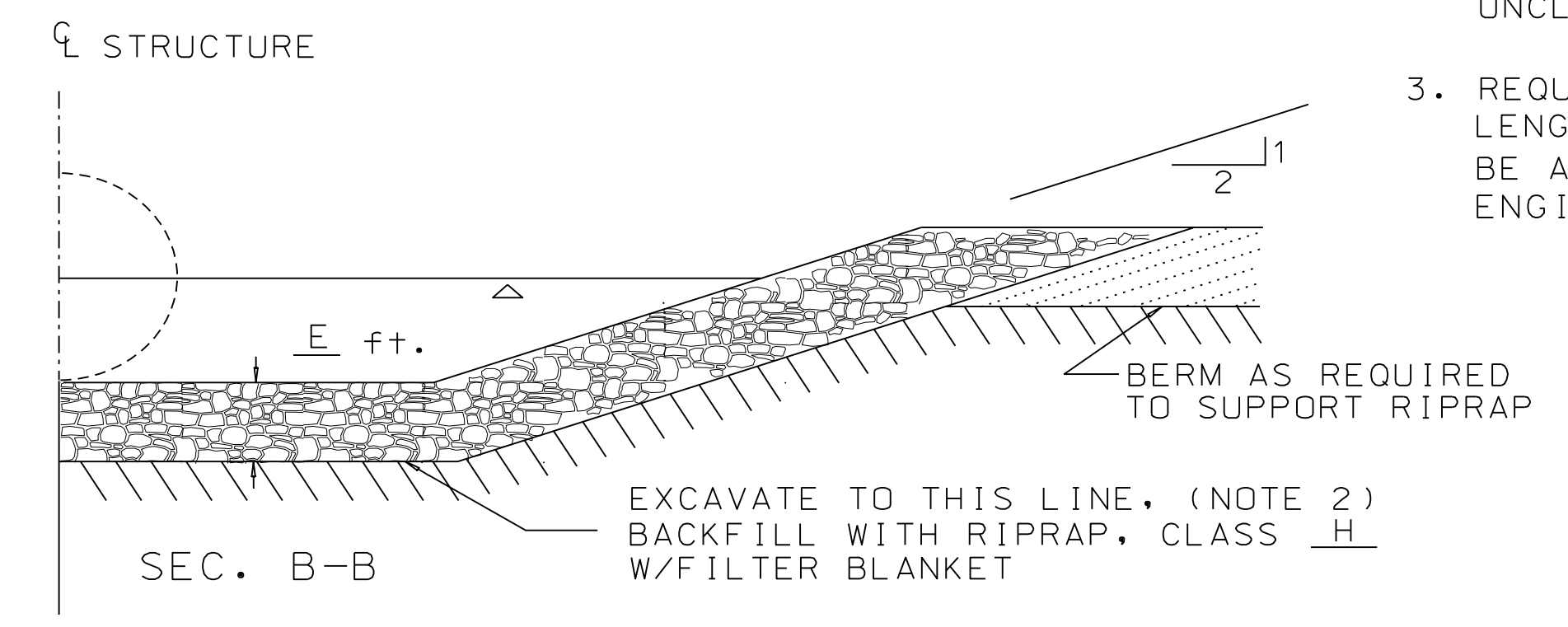
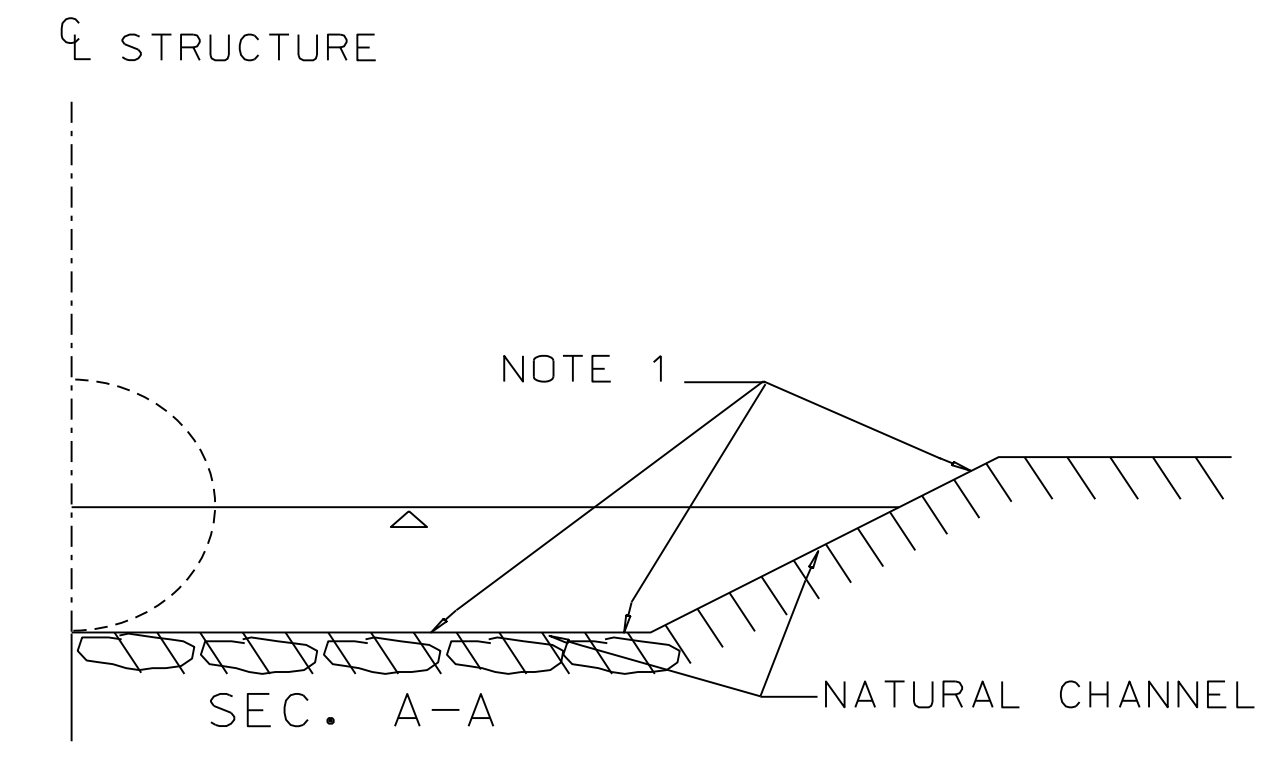
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO



note:
 w_o = DIAMETER FOR PIPE
 w_o = BARREL WIDTH FOR BOX CULVERT
 w_o = SPAN OF ARCH-PIPE



HALF PLAN
NOT TO SCALE



- notes
1. WARP BASIN TO CONFORM TO NATURAL STREAM CHANNEL. TOP OF RIPRAP IN FLOOR OF BASIN SHOULD BE AT THE SAME ELEVATION OR LOWER THAN NATURAL CHANNEL BOTTOM AT SEC. A-A
 2. EXCAVATION SHALL BE PAID FOR UNDER ITEM NO. 210-A UNCLASSIFIED EXCAVATION
 3. REQUIRED SLOPING TOE, LENGTH AND SLOPE SHALL BE AS DIRECTED BY THE ENGINEER

--SPECIFICATIONS--
 CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

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REVISIONS

ALABAMA DEPARTMENT OF TRANSPORTATION
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 MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING
DETAILS OF RIPRAP ENERGY BASIN

Bureau Std Engr: L.V.S.
 DRAWN BY: _____ DATE DRAWN: _____

SPECIAL DRAWING NO
SPECIAL PROJECT DETAIL (SHEET 1 OF 2)

INDEX NO

NOT TO SCALE