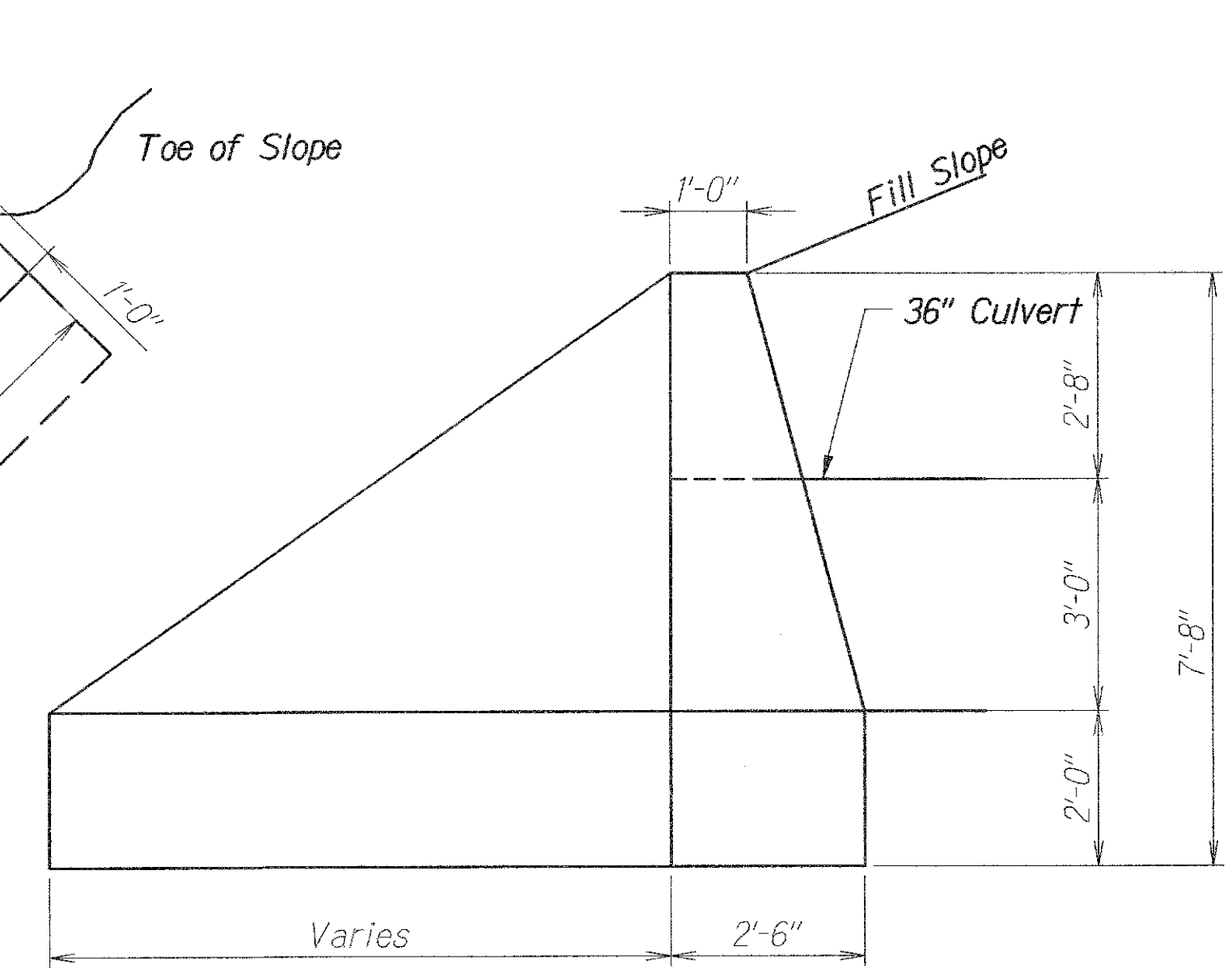
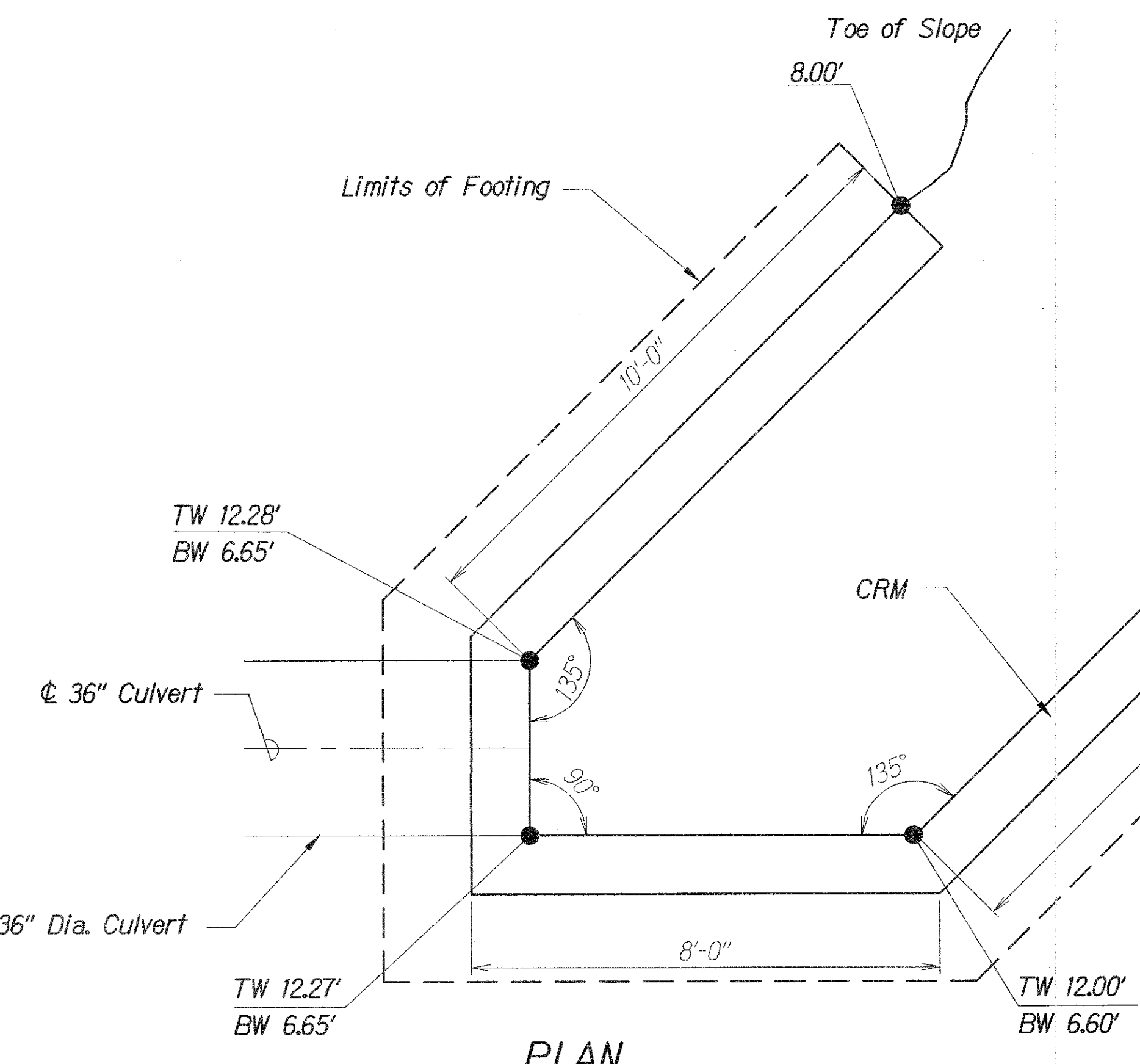
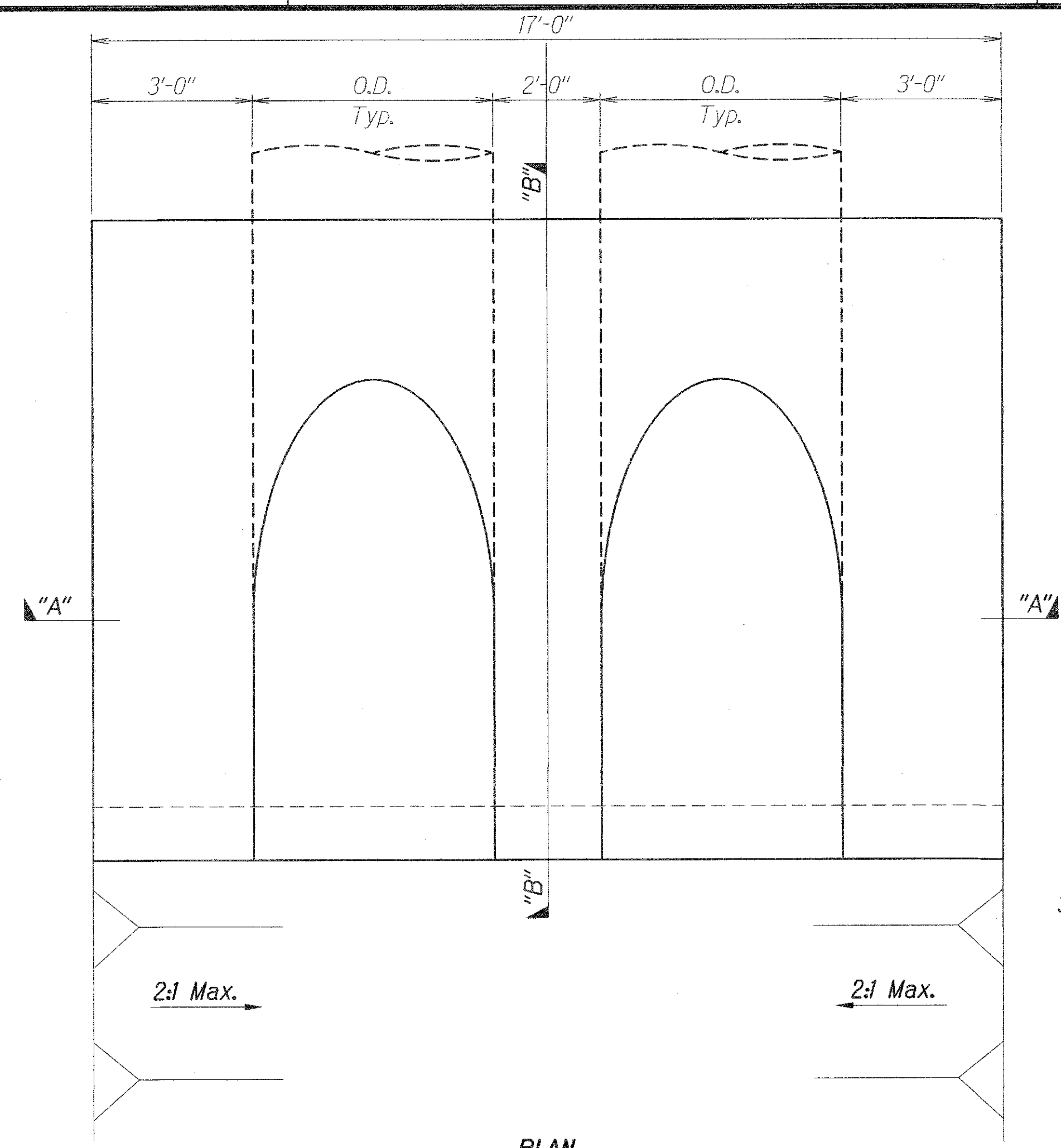
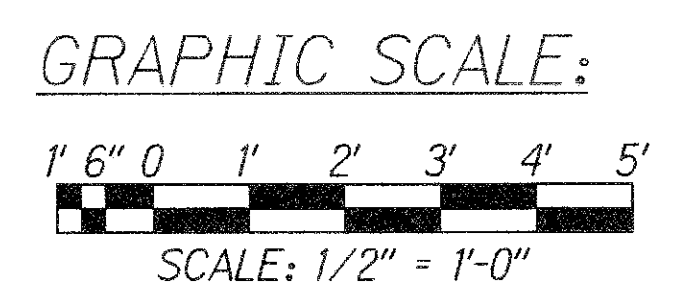
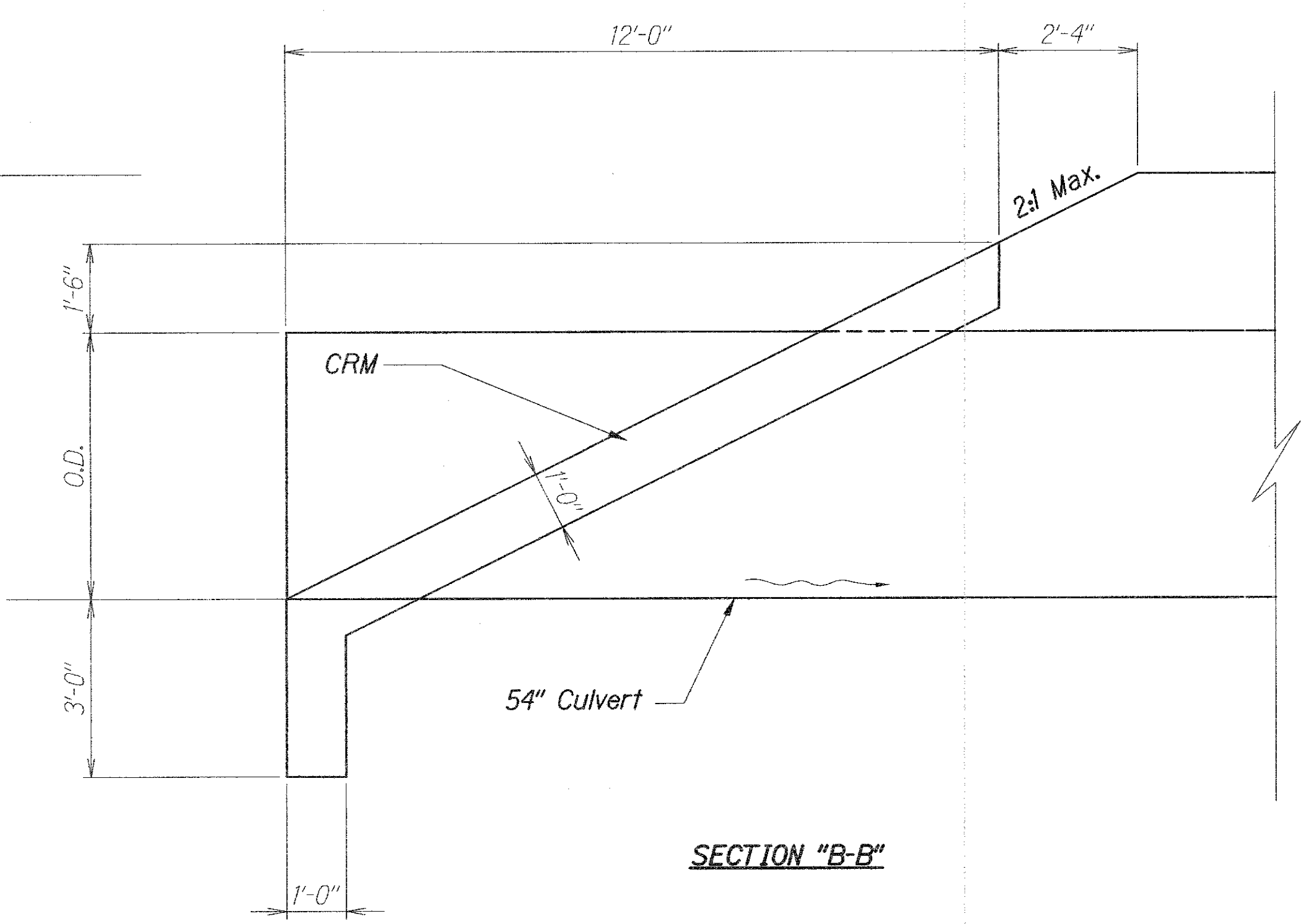
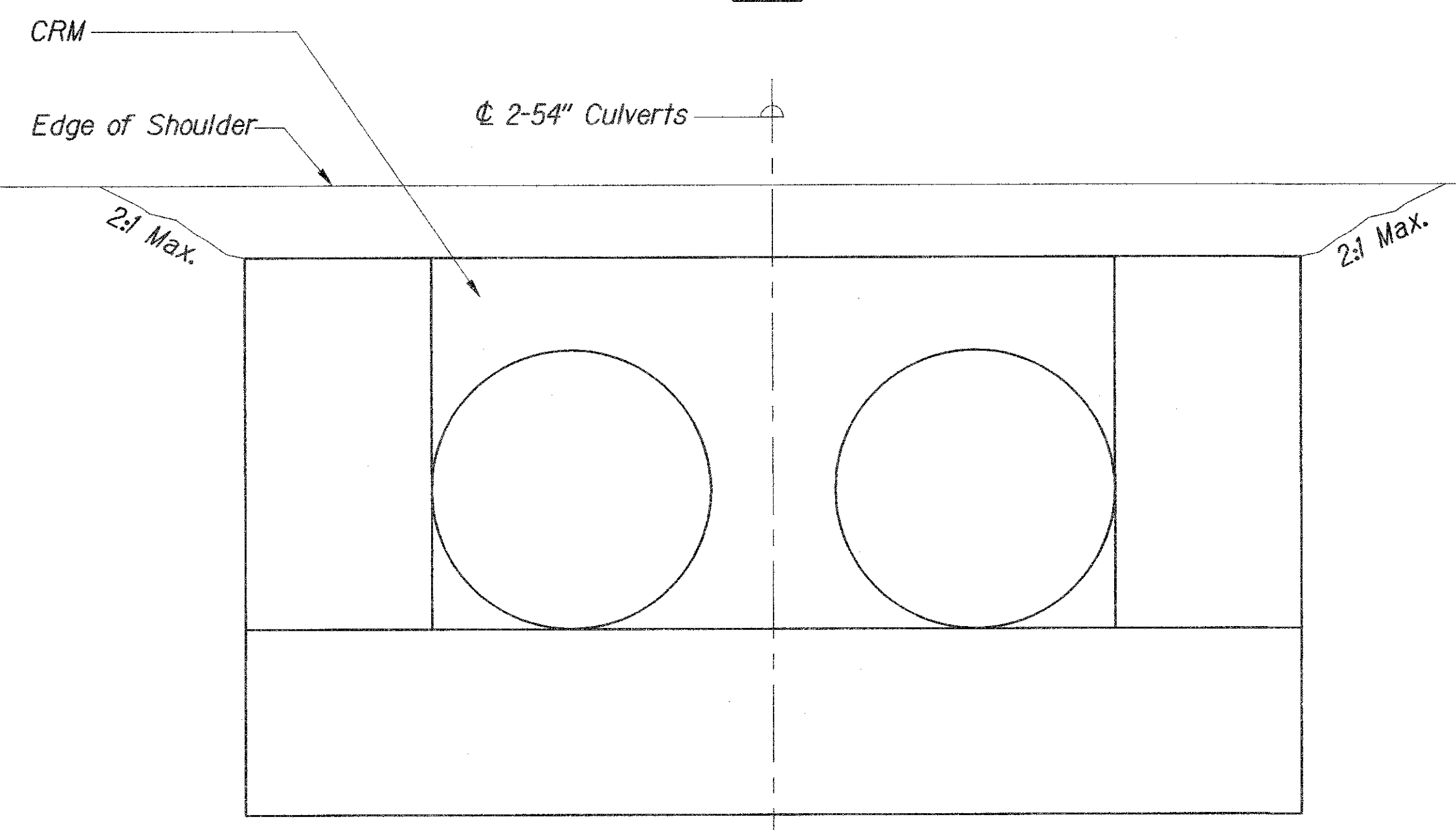


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	BR-083-1(50)	2005	30	81



PLAN
DETAILS OF 36" CULVERT OUTLET STRUCTURE FOR DETOUR ROAD
Scale: 1/2" = 1'-0"



SECTION "A-A"
DETAILS OF 2-54" CULVERT INLET & OUTLET STRUCTURE FOR DETOUR ROAD
Scale: 1/2" = 1'-0"

SECTION "B-B"



This work was prepared by me or under my supervision
Chad M. McDonald
4/30/2014
MITSUNAGA & ASSOCIATES, INC. EXP. DATE
NOTE: Contractor to check and verify dimensions at job before proceeding with work.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
DRAINAGE DETAILS
KAMEHAMEHA HIGHWAY
REPLACEMENT OF KOKOLOLO STREAM BRIDGE
Federal Aid Project No. BR-083-1(50)
Scale: As Noted Date: August 2004
SHEET No. **C-28** OF **51** SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	