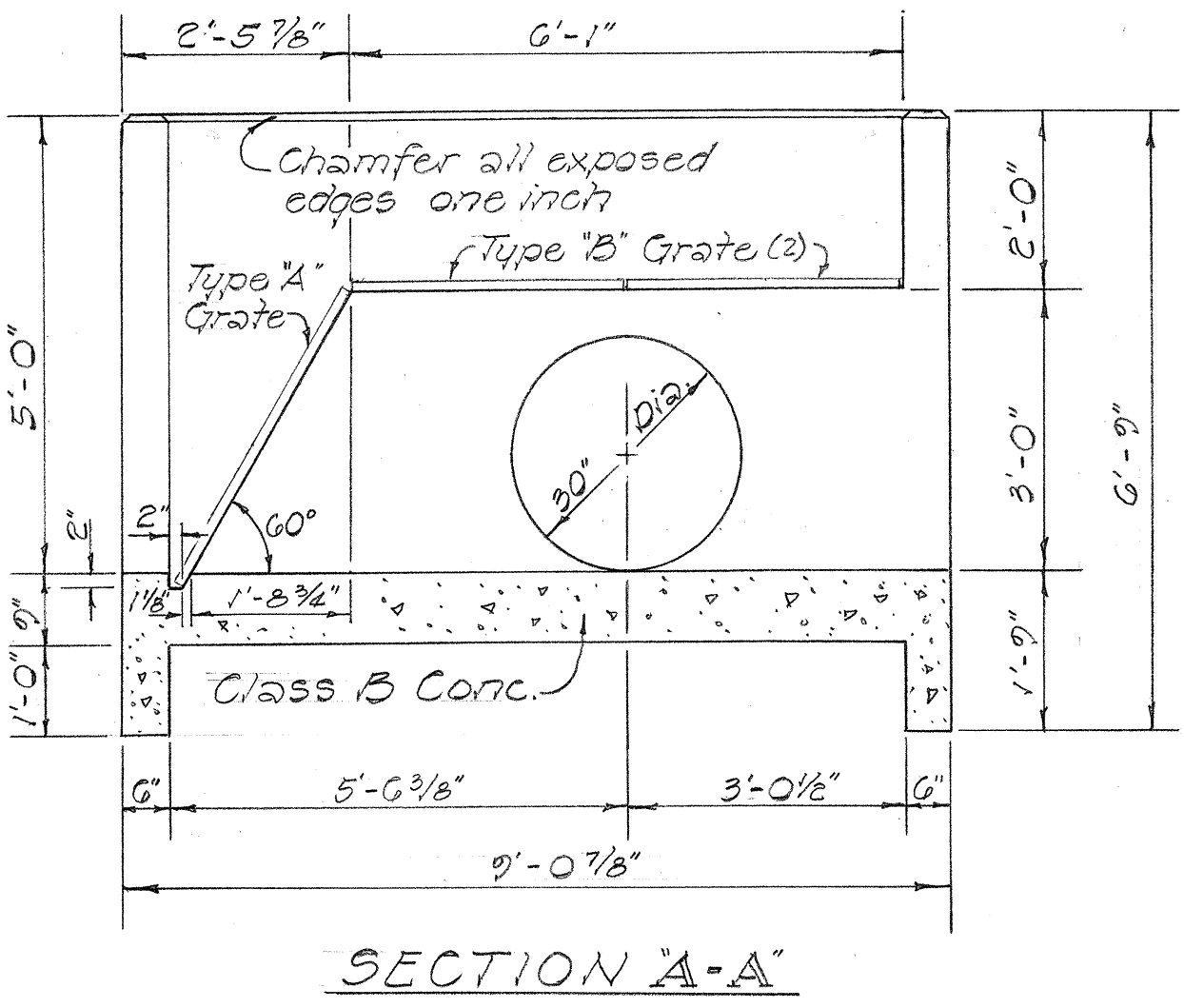
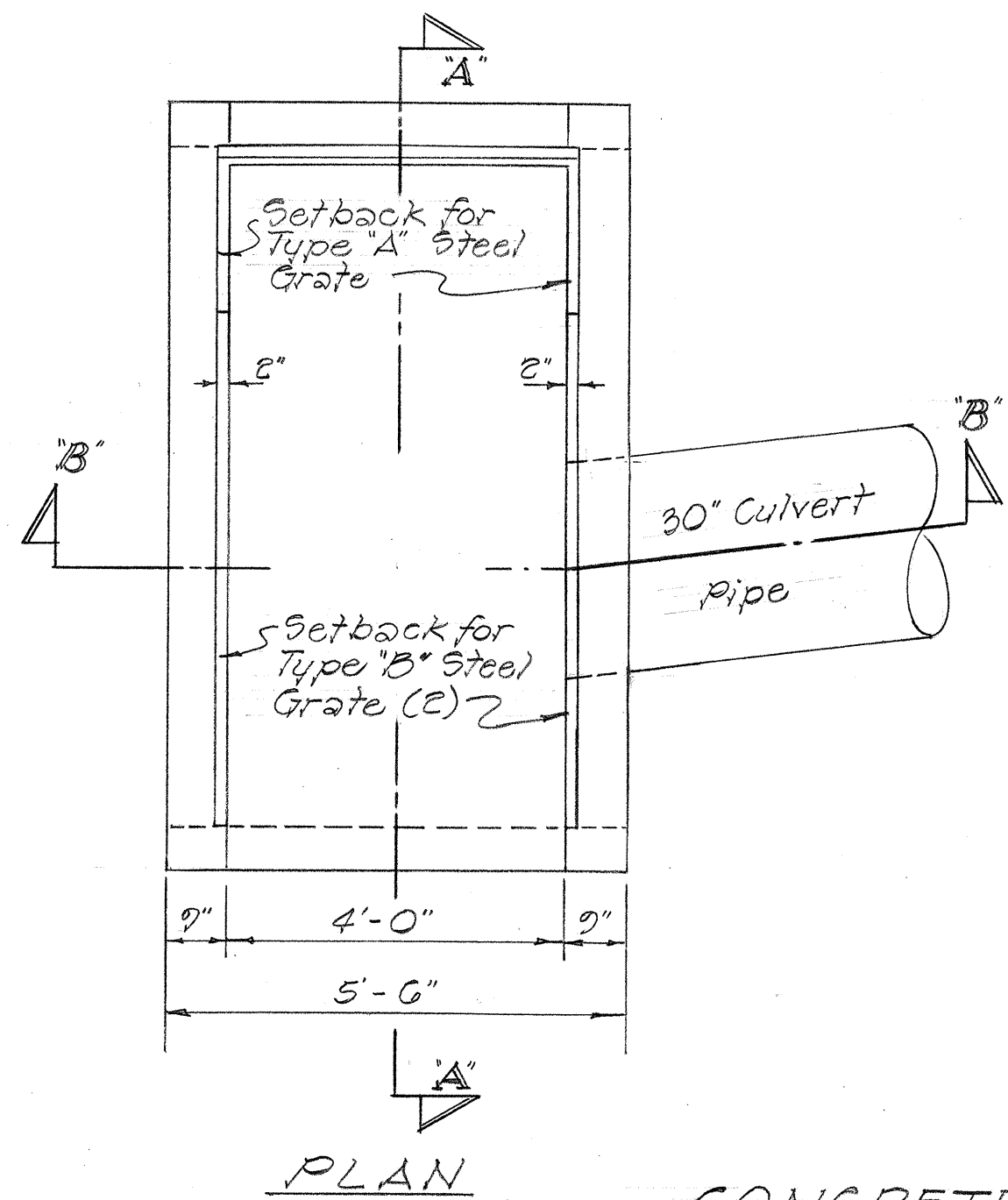
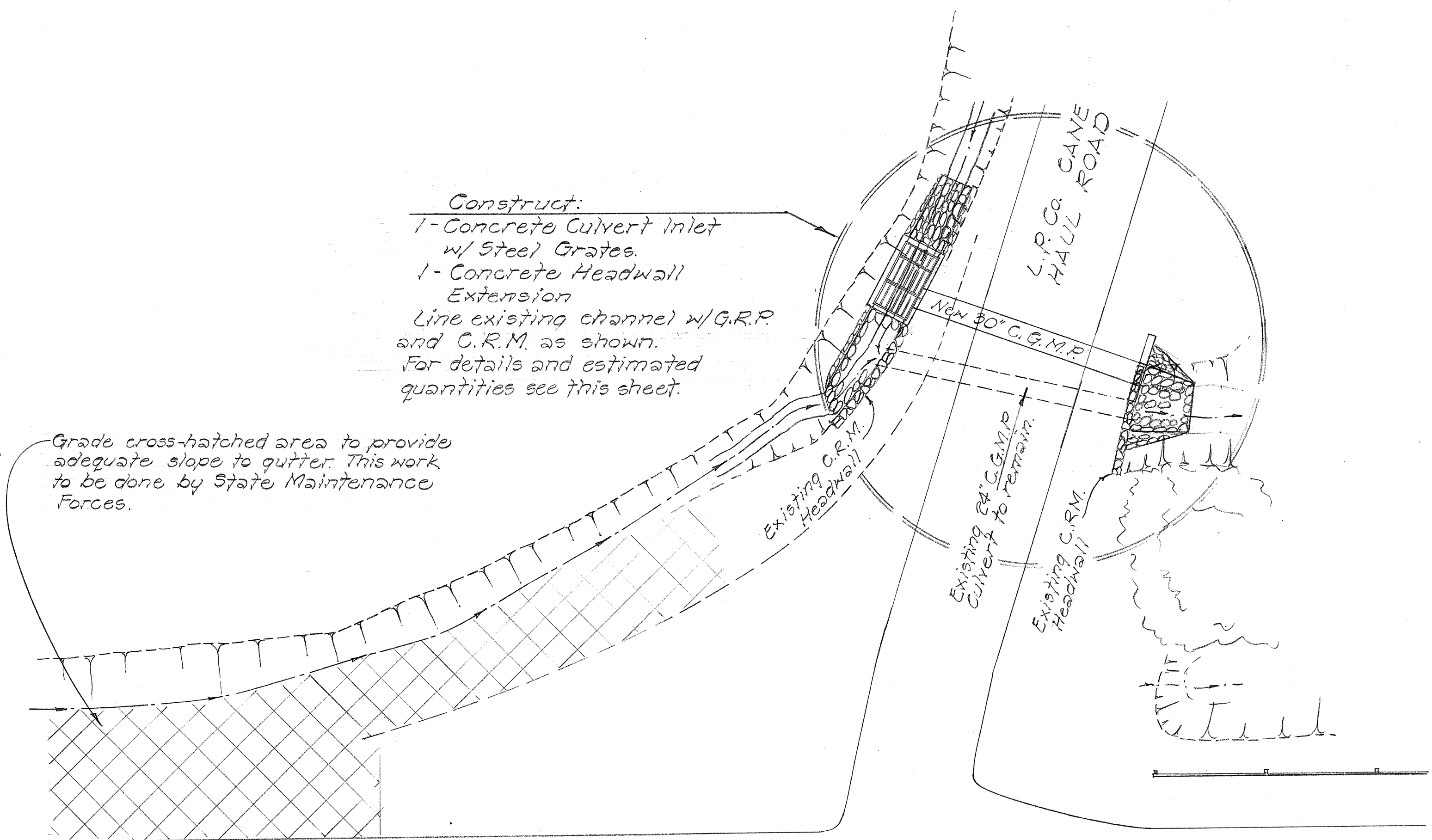
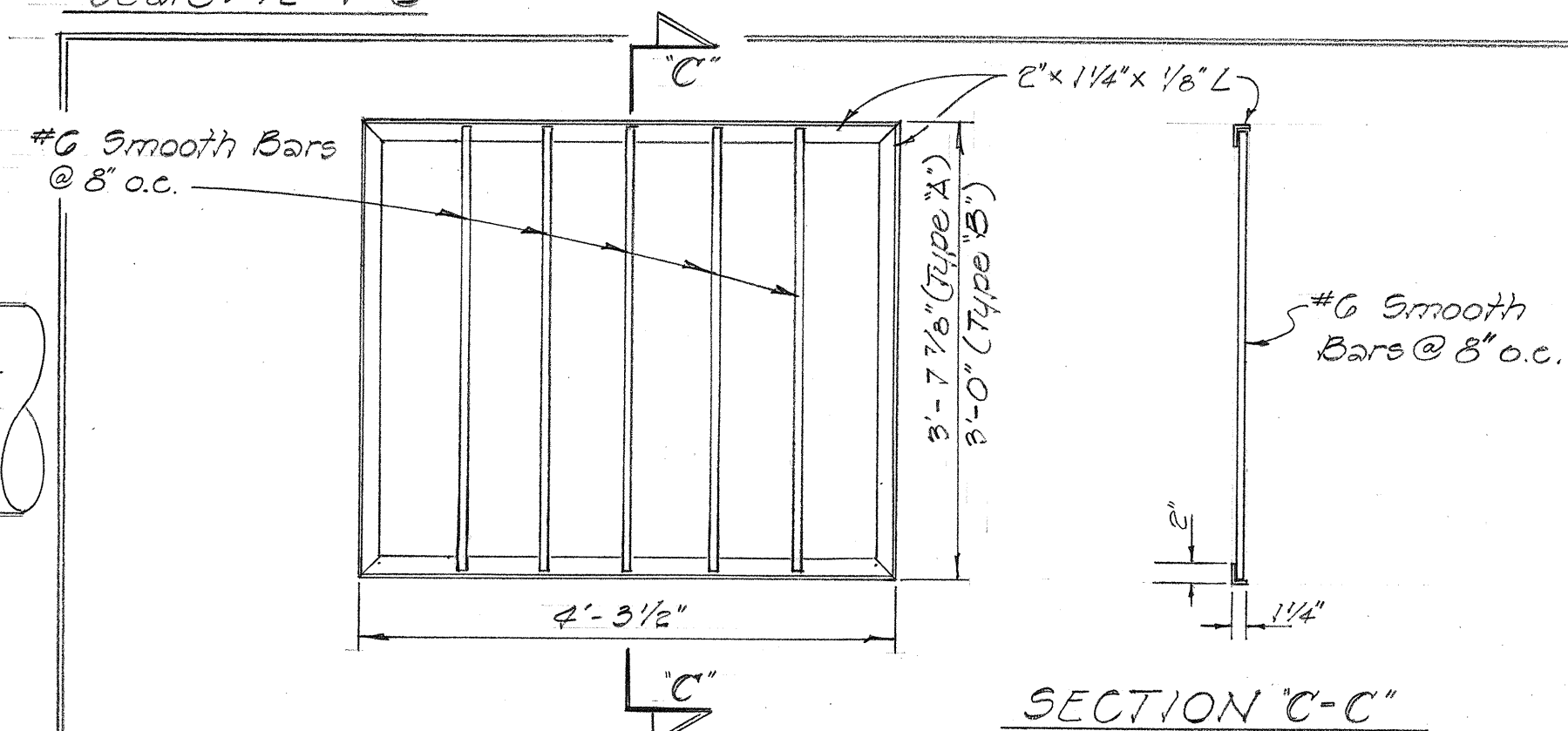
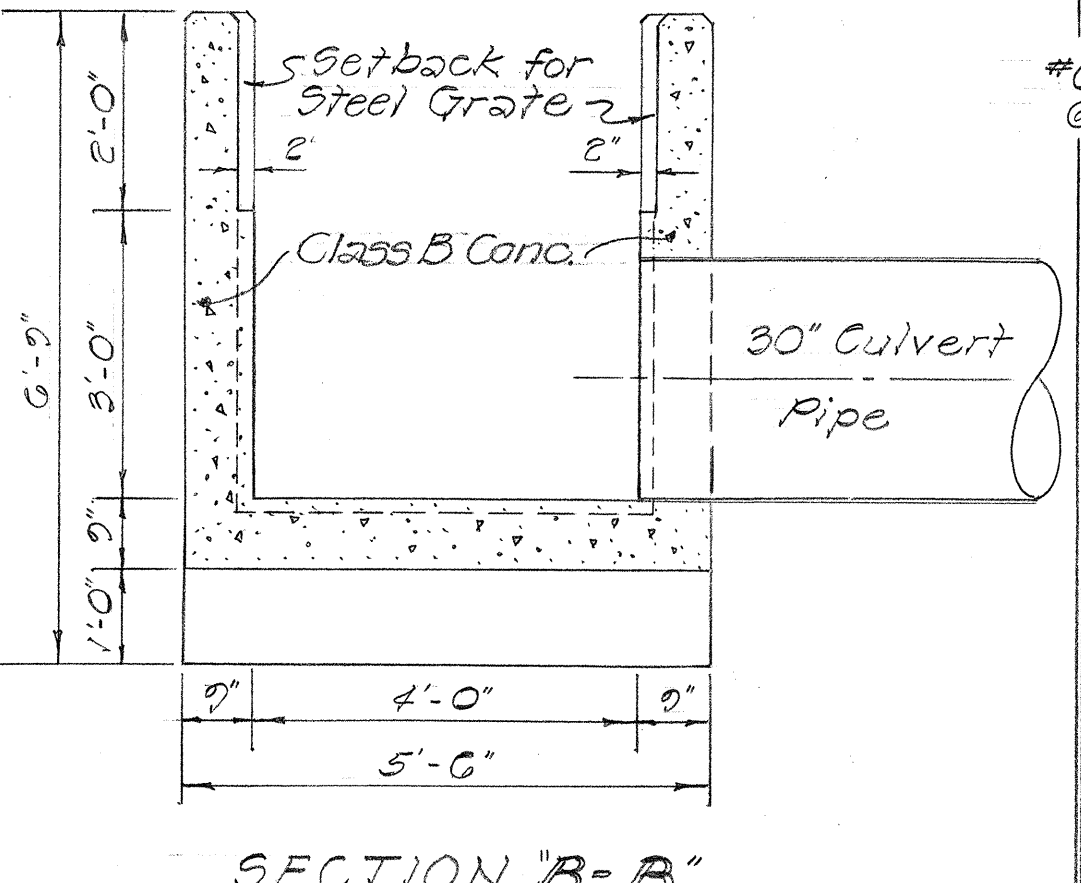


DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-05-70	1970	2	2



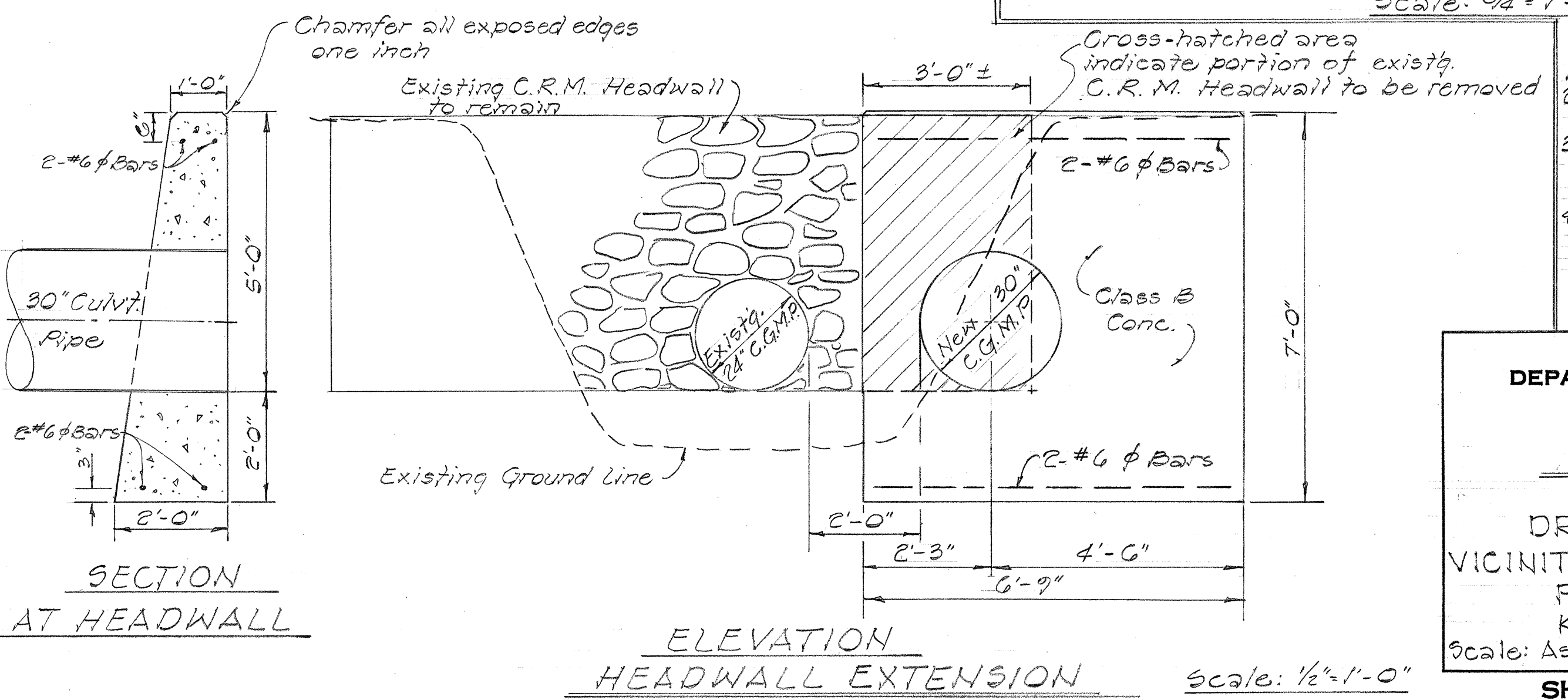
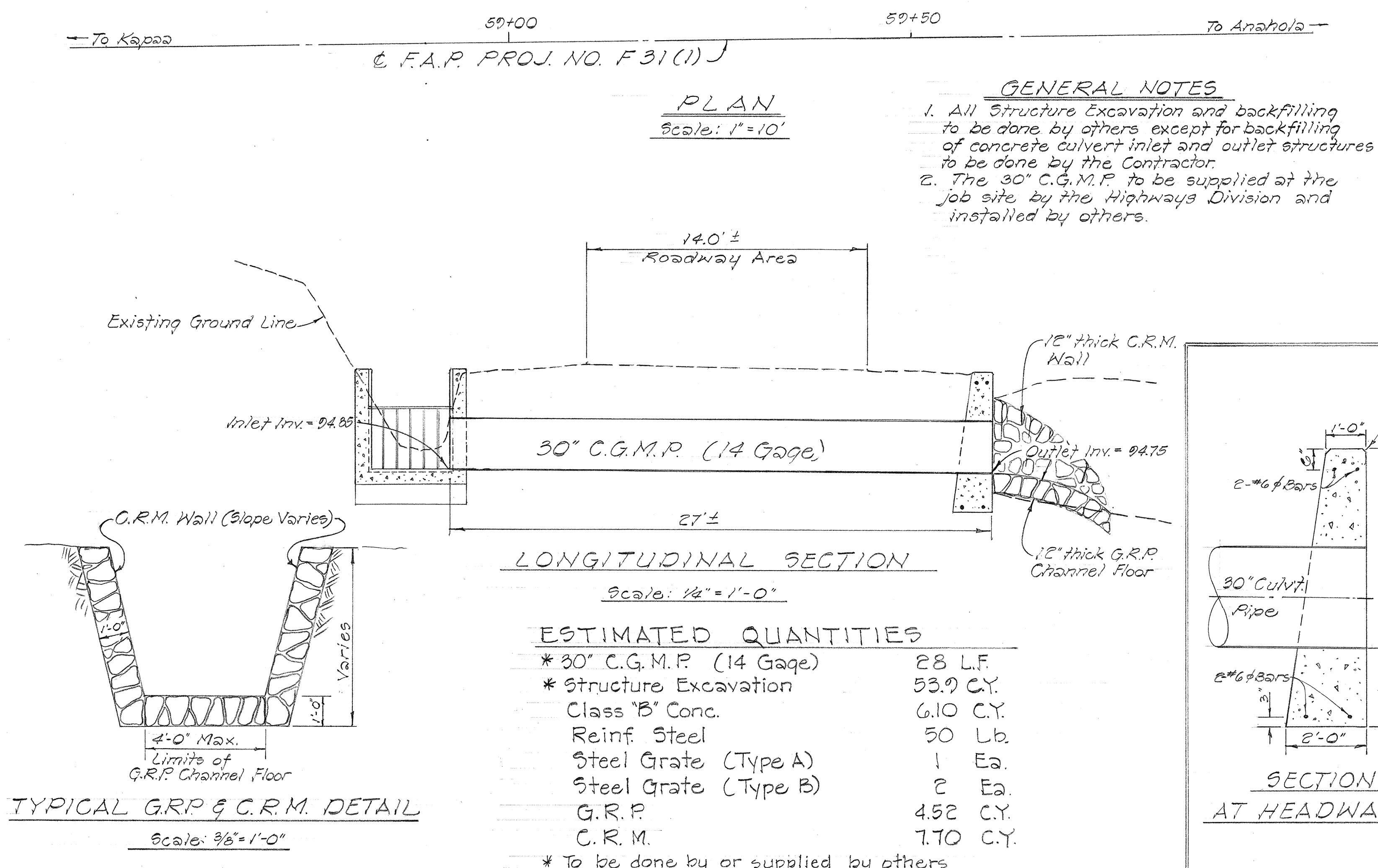
CONCRETE CULVERT INLET DETAILS

Scale: 1/2"=1'-0"



TYPE "A" & "B" STEEL GRATE DETAIL

Scale: 3/4"=1'-0"



- Note:
1. All joints to be welded to full depth.
 2. Steel for frames to be structural grade.
 3. Bar steel to conform to the requirements of ASTM A15 or ASTM A408.
 4. Grates shall be painted in accordance with Section 501.03(F) of the Standard Specifications.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN & DETAILS
KUHIO HIGHWAY
DRAINAGE IMPROVEMENTS
VICINITY OF KUMUKU CAMP
PROJ. NO. 56A-05-70
KAWAIHAU, KAUAI

Scale: As Shown Date: Dec. 1969

SHEET No. 1 OF 1 SHEETS

DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTED BY	_____
ORIGINAL PLAN	_____
NO.	_____