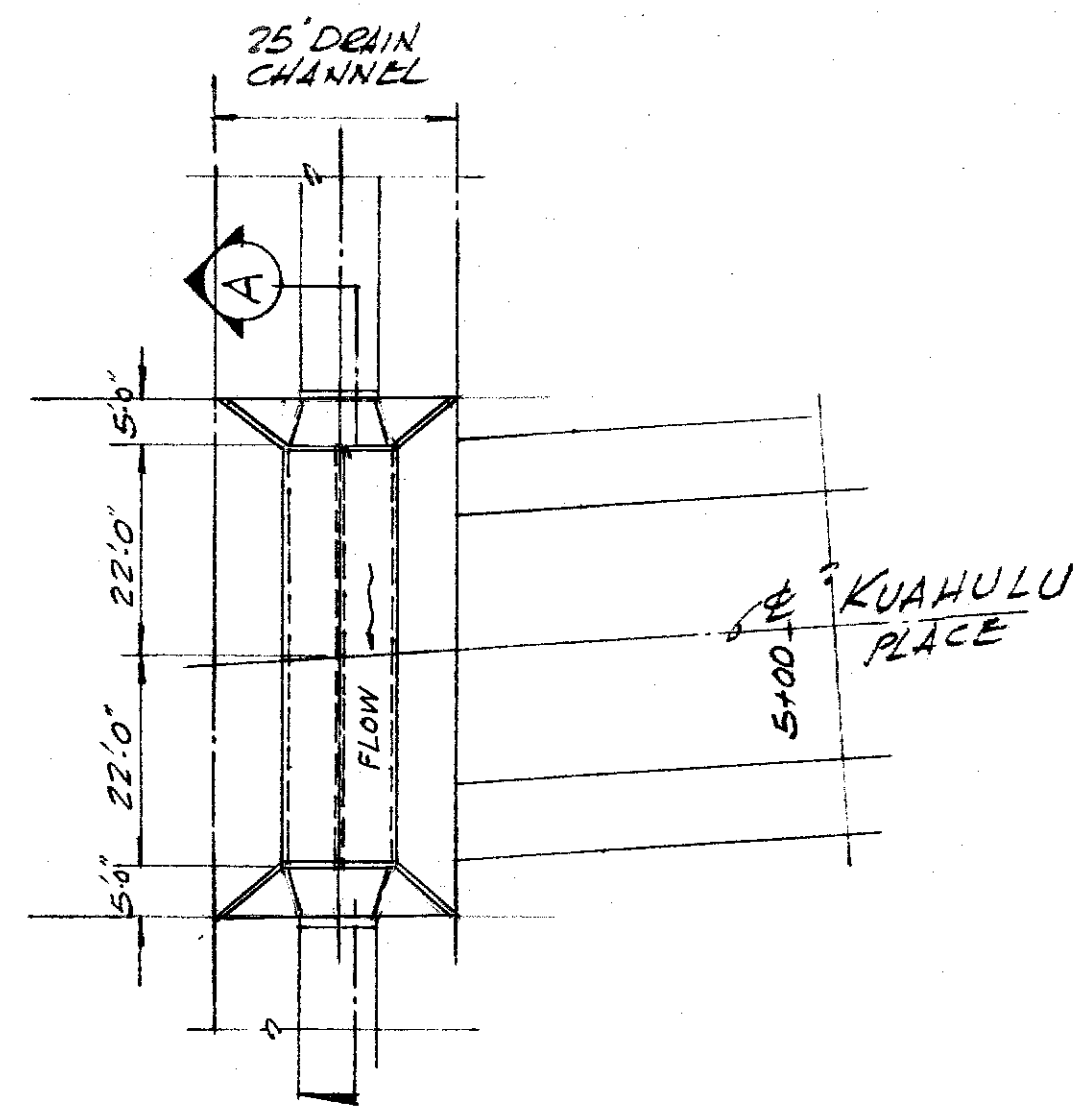
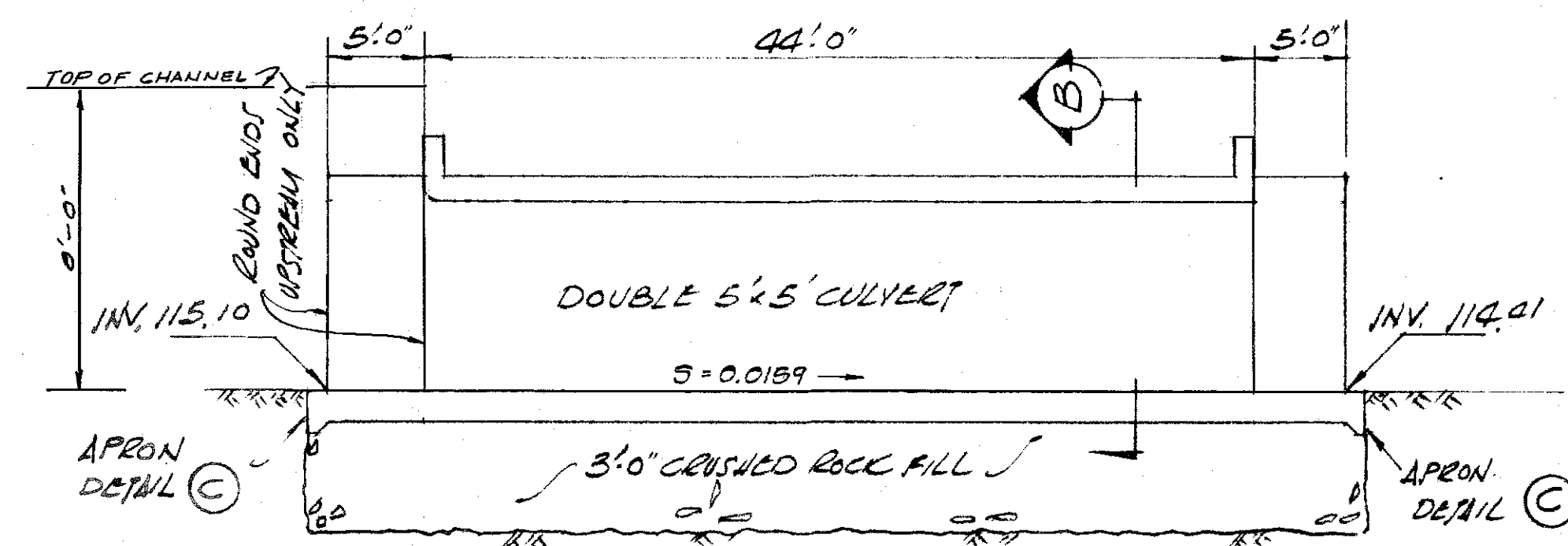
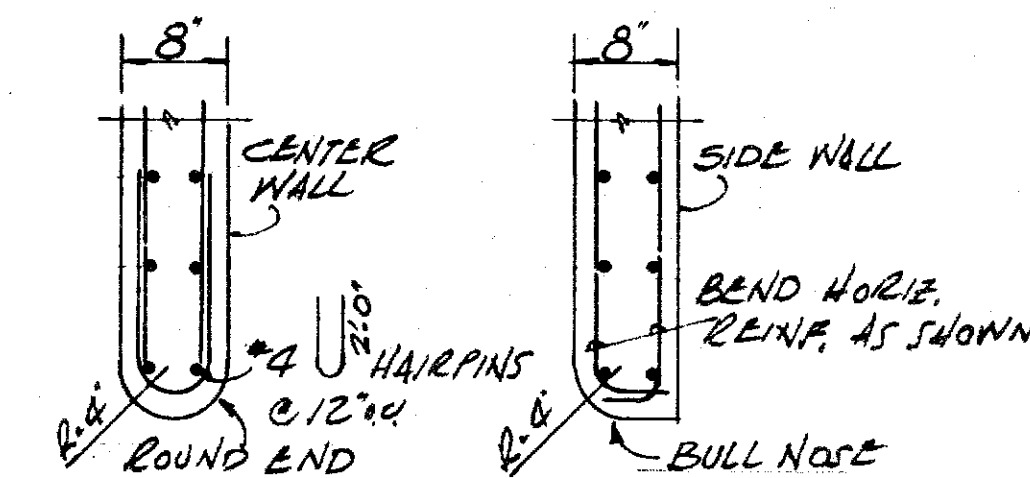
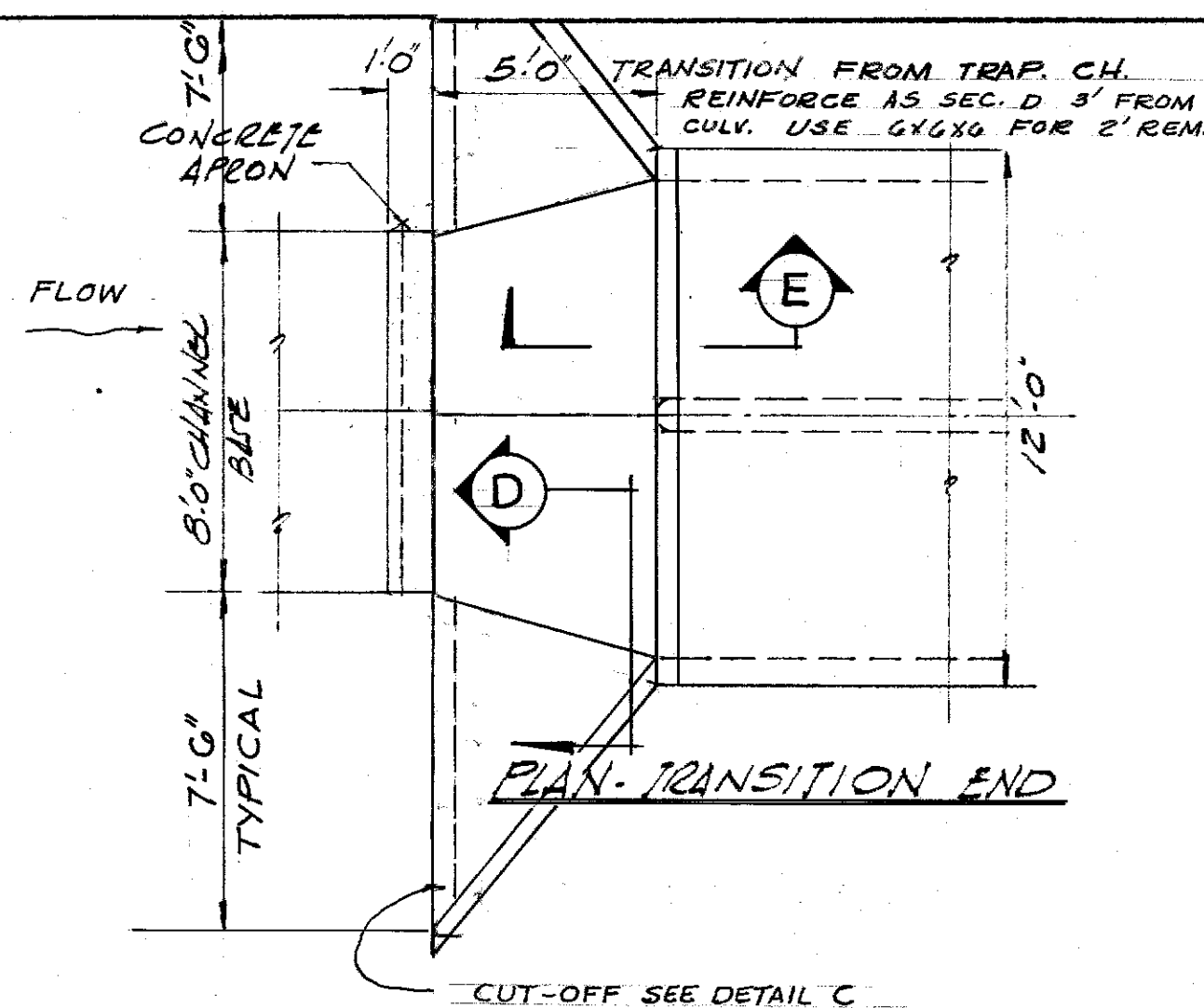
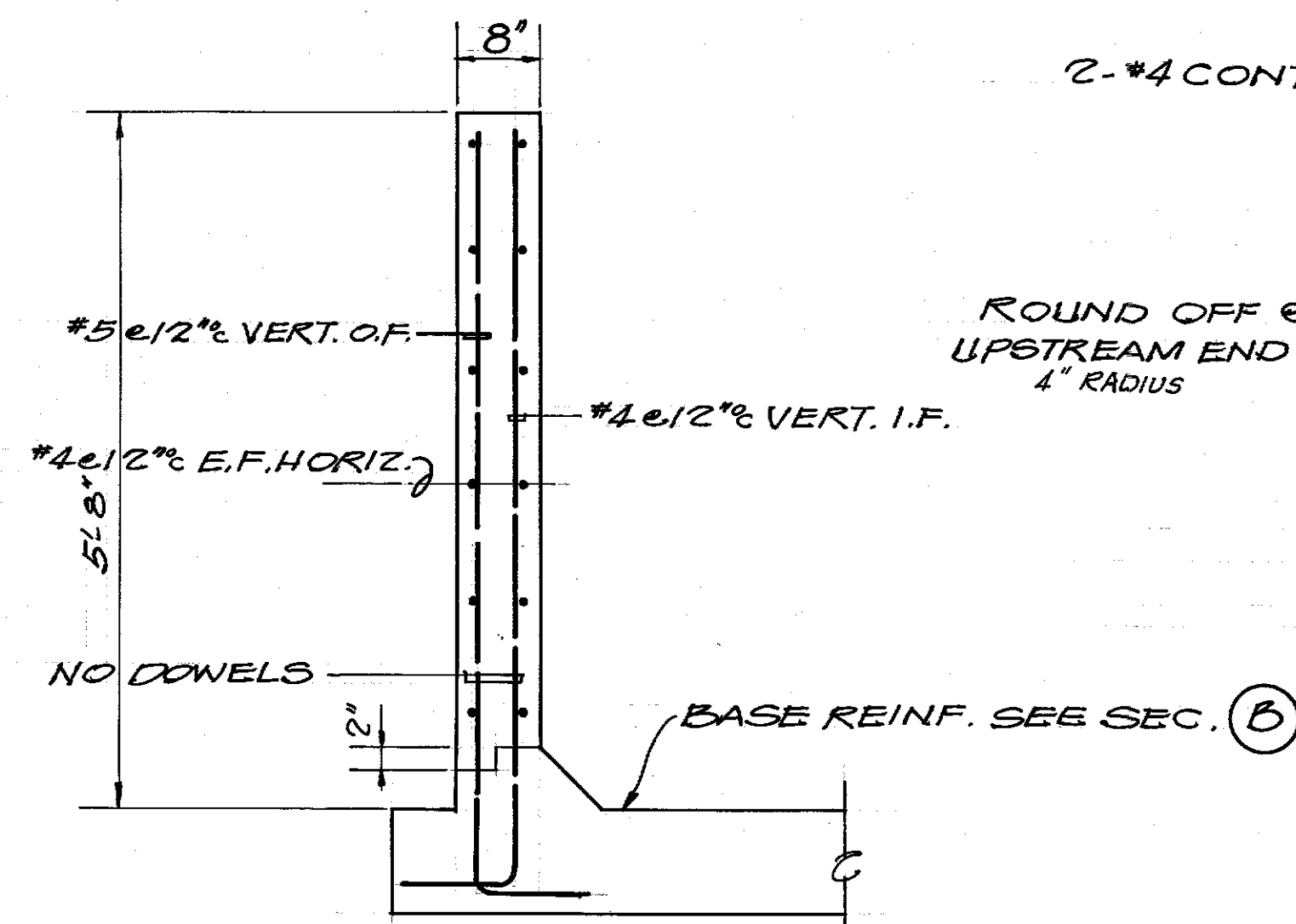
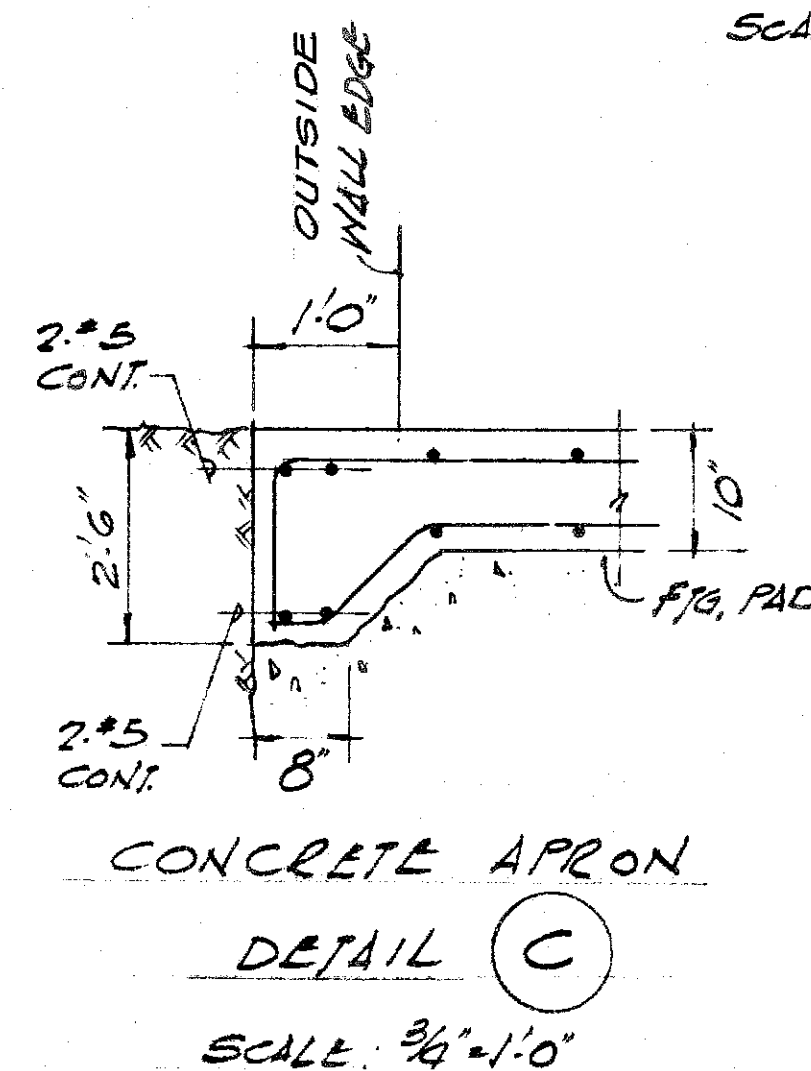




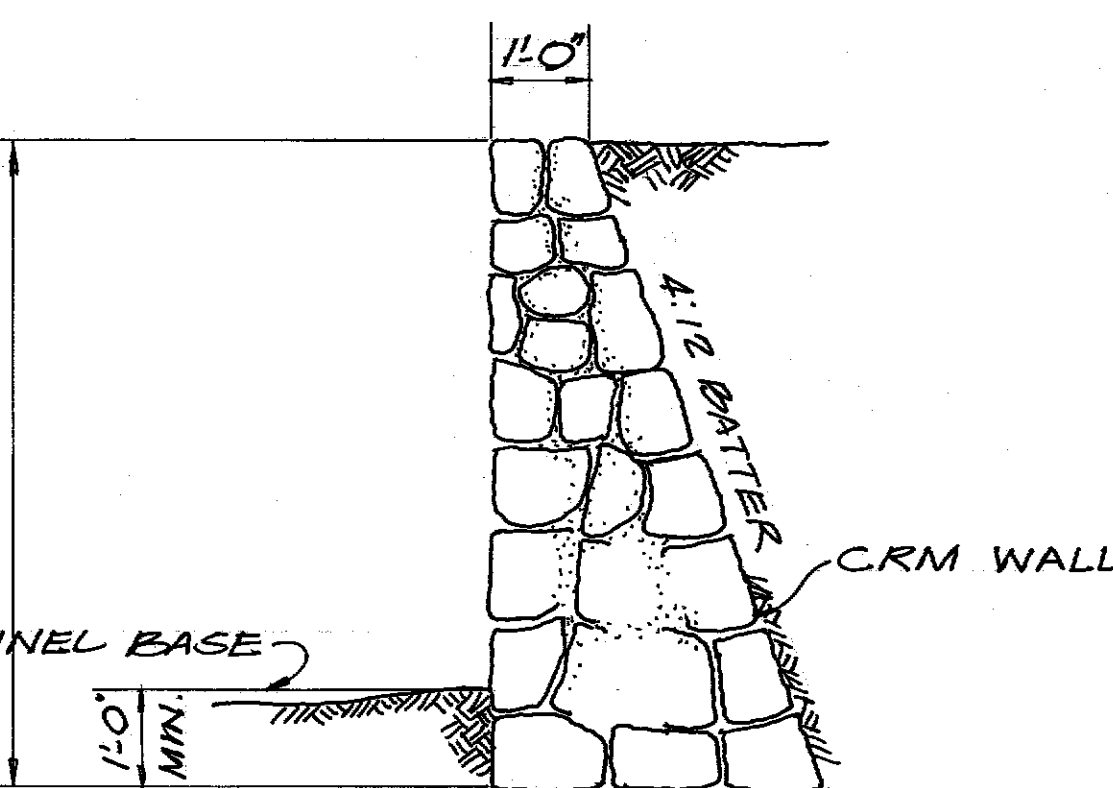
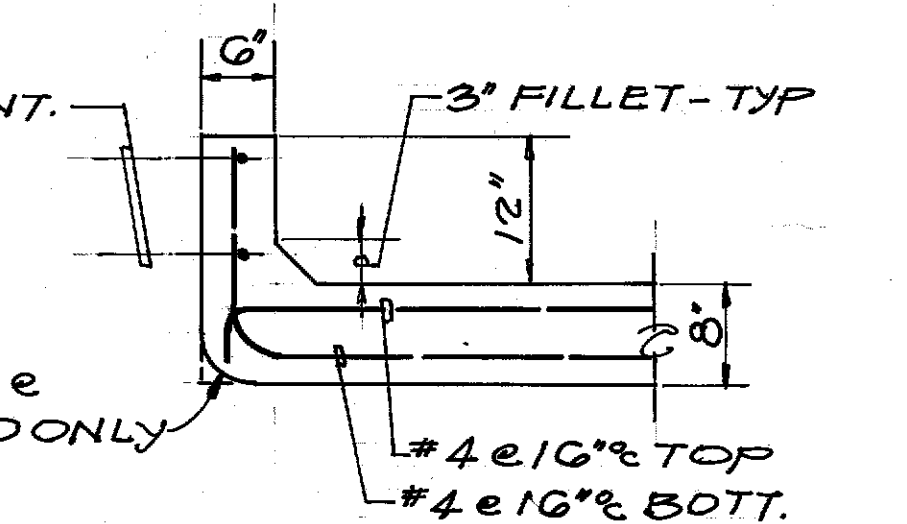
PLAN- DOUBLE 5'x5' CULVERT
Scale: 1"=20'



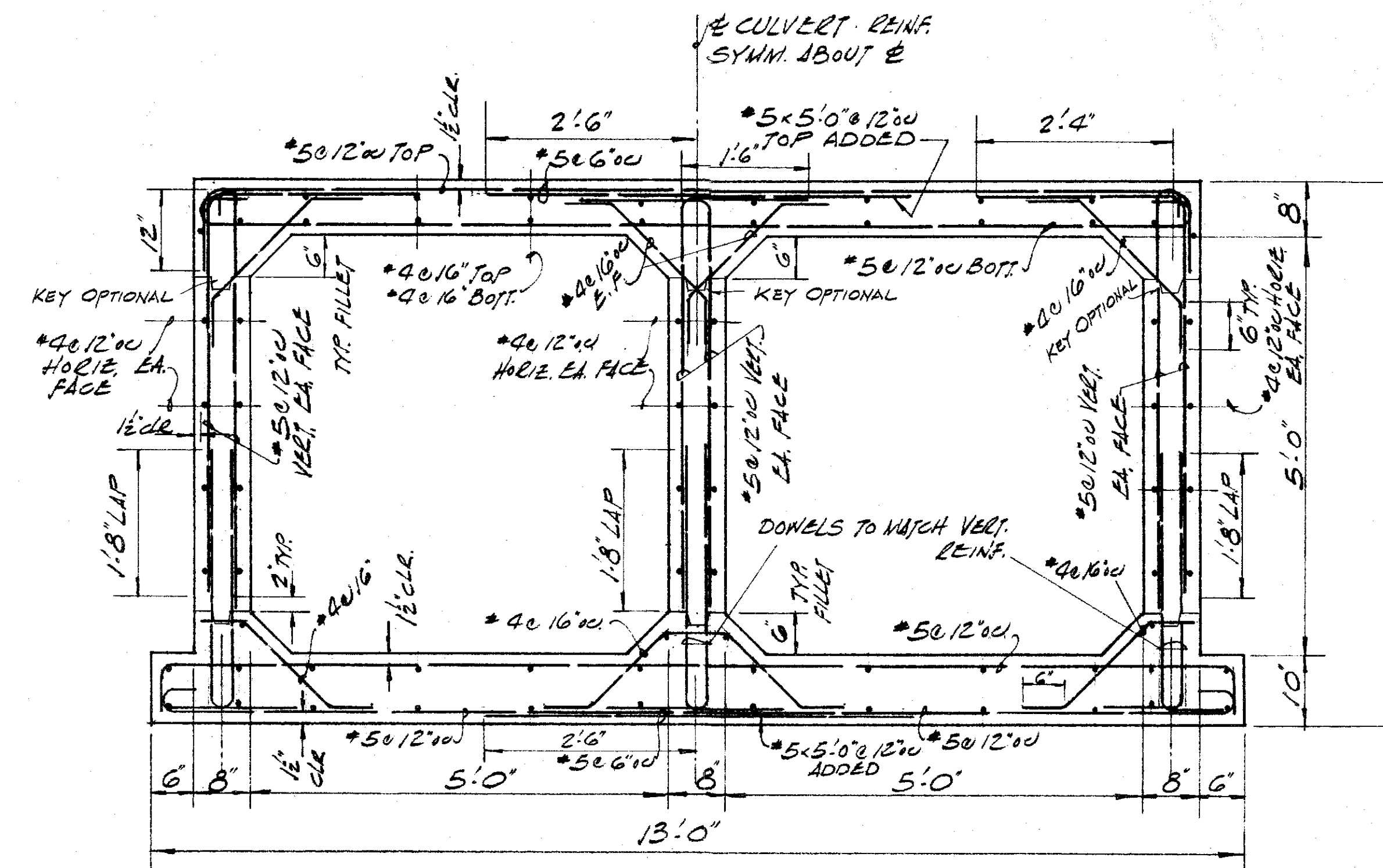
LONGITUDINAL SECTION (A)
Scale: Horiz: 1"=8'
Vert: 1"=4'



UPSTREAM WALL ENTRY DETAILS

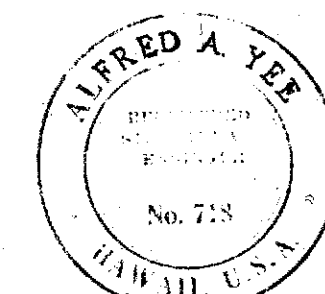


VOID
TYP. SECTION THRU CRM WALL (F)
Scale: 1/2"=1'-0"



TYPICAL SECTION (B)
Scale: 3/4"=1'-0"

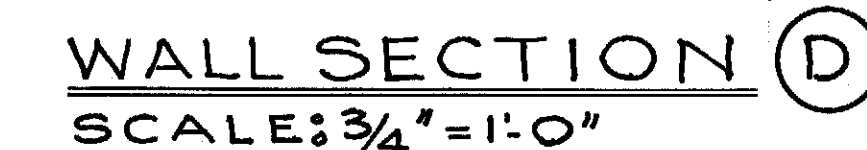
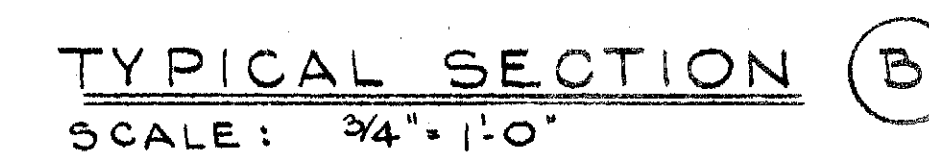
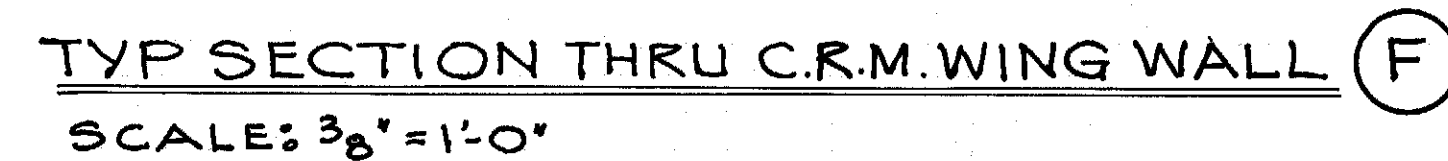
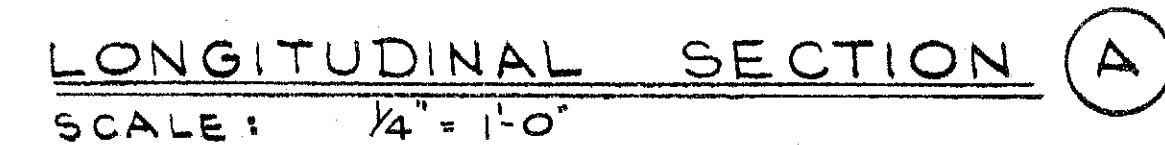
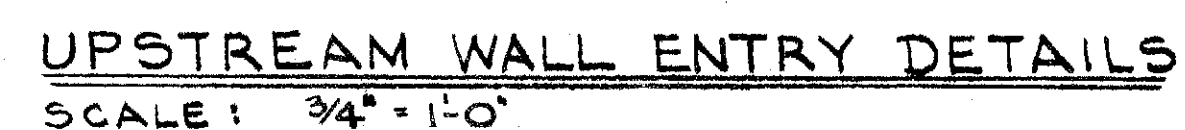
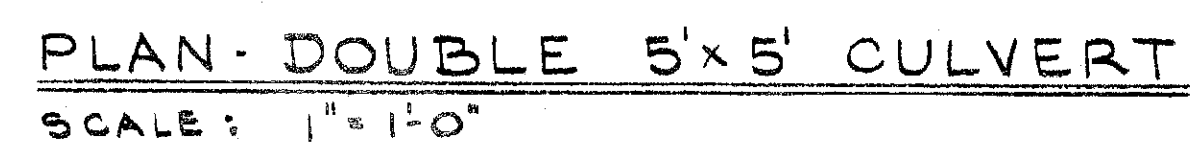
NOTE: $f'_c = 3750 \text{ psi}$ @ 28 DAYS



PROPERTY OF DIVISION OF ENGINEERING

JOB NO. 12-63

REVISION DATE	DESCRIPTION	MADE BY	APPROVED
COMMUNITY PLANNING INCORPORATED CIVIL ENGINEERS- SURVEYORS- CONSULTANT PLANNERS			
DEPARTMENT OF PUBLIC WORKS CITY AND COUNTY OF HONOLULU DIVISION OF ENGINEERING IMPROVEMENT DISTRICT NO. 162 KAHALU CUTOFF ROAD KANEHE, HEEA, AHUIMANU & KAHALU, KOOLAUPOKO, OAHU KUAHULU PLACE DOUBLE 5'x5' REINF. CONCRETE BOX CULVERT			
ENGINEER K.L.	DATE FINAL REPORT 6-27-63		
DRAFTSMAN L.O.	CHECKED BY A.A.Y.		
SCALE AS SHOWN	TRACER L.O.		
APPROVED [Signature]	APPROVED 7-28-62		
CHIEF ENGINEER [Signature]	ACT. DIRECTOR DIVISION OF ENGINEERING [Signature]		
W.S.	PROFILE	C.B.	
CR. SEC.	F.B.	S.B.	
W.M.BY	F.W.BY	S.BY	
APPROVED [Signature] REG. ENGR. CERT. NO. 718			



PROPERTY OF HONOLULU GOVERNMENT ENGINEERING DEPARTMENT NO. 12-63 PROPERTY OF HONOLULU GOVERNMENT ENGINEERING DEPARTMENT PROPERTY OF HONOLULU GOVERNMENT ENGINEERING DEPARTMENT NO. 12-63		
JOB NO. 12-63		
REVISION DATE	DESCRIPTION	MADE BY APPROVED
COMMUNITY PLANNING INCORPORATED CIVIL ENGINEERS - SURVEYORS - CONSULTANT PLANNERS		
DEPARTMENT OF PUBLIC WORKS CITY AND COUNTY OF HONOLULU DIVISION OF ENGINEERING IMPROVEMENT DISTRICT NO. 162 KAHALUULU CUTOFF ROAD KANEHIE, HEELE, AHUIMANU, KOKAUAPOKO CAHIE KENEKE ST. DOUBLE 5'x5' REINF. CONCRETE BOX CULVERT		
ENGINEER <i>K.L.</i>	DATE FINAL REPORT <i>6-27-63</i>	
DRAFTSMAN <i>L.O.</i>	DATE <i>8-1-62</i>	
SCALE <i>As SHOWN</i>	CHECKED BY <i>A.A.Y.</i>	
APPROVED <i>[Signature]</i>	TRACED <i>L.O.</i>	
APPROVED <i>9-28-62</i> <i>[Signature]</i> ACT. DIRECTOR DIVISION OF ENGINEERING		
W.S.	PROFILE	C.B.
CR. SEC.	F.B.	S.B.
W.M. SEC.	F.W. BY	S.B.Y
APPROVED <i>[Signature]</i> REG. ENGR. CERT. NO. 718		

SHEET *62* OF *62* SHEETS

* L E	R O C K E T	F O L D E R
1 2	2	3
62	62	62