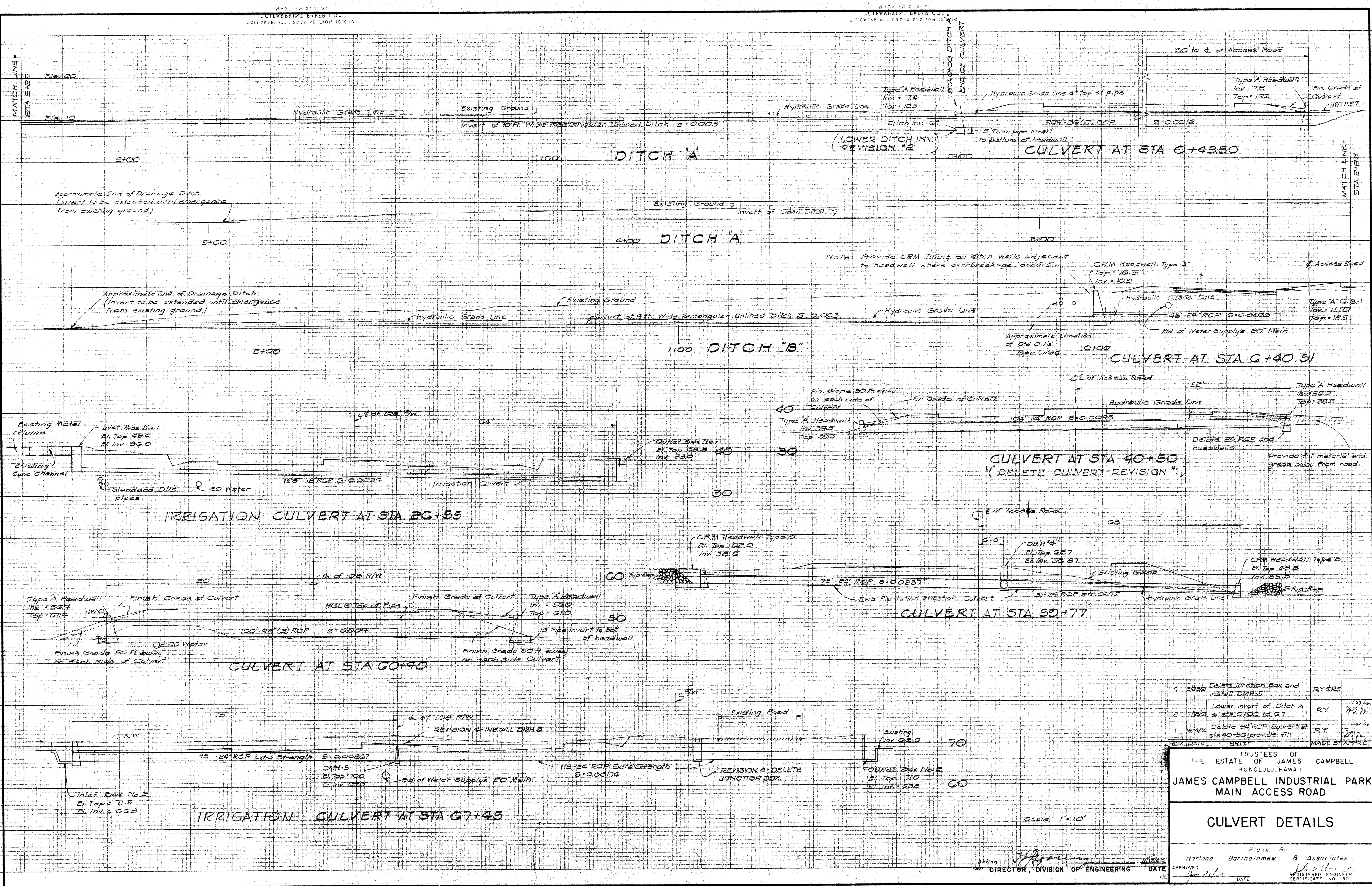
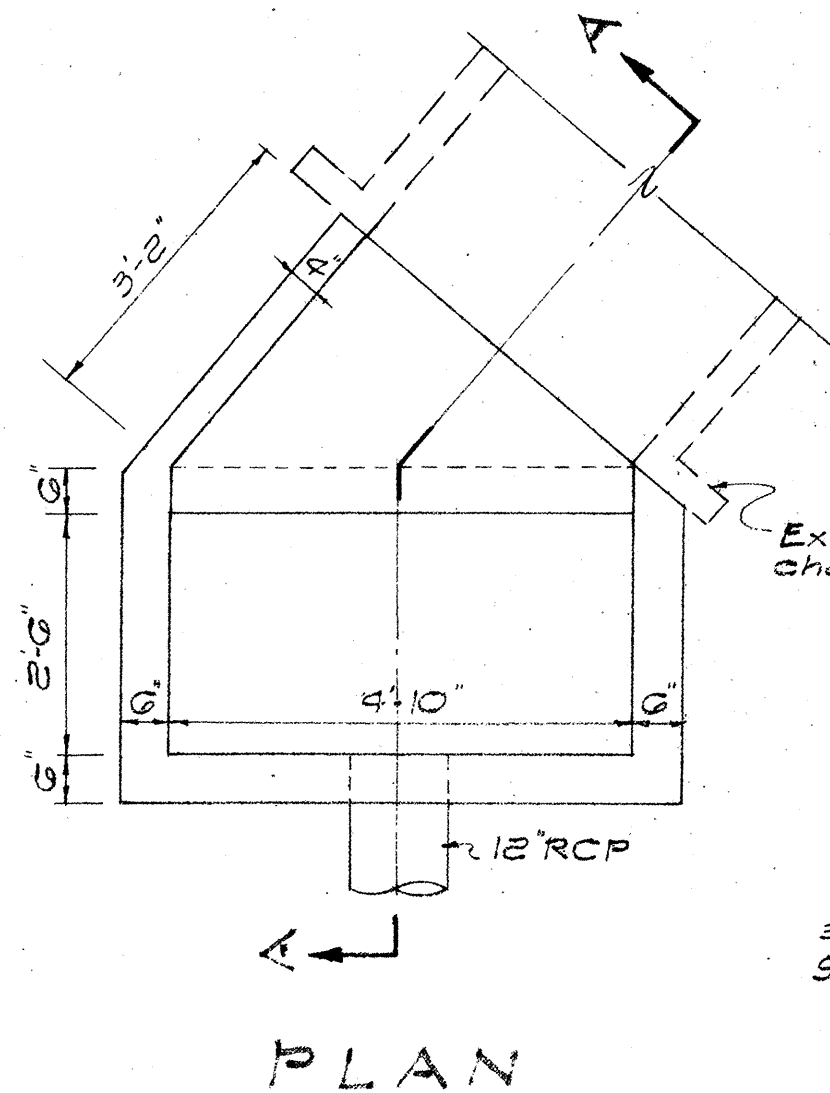
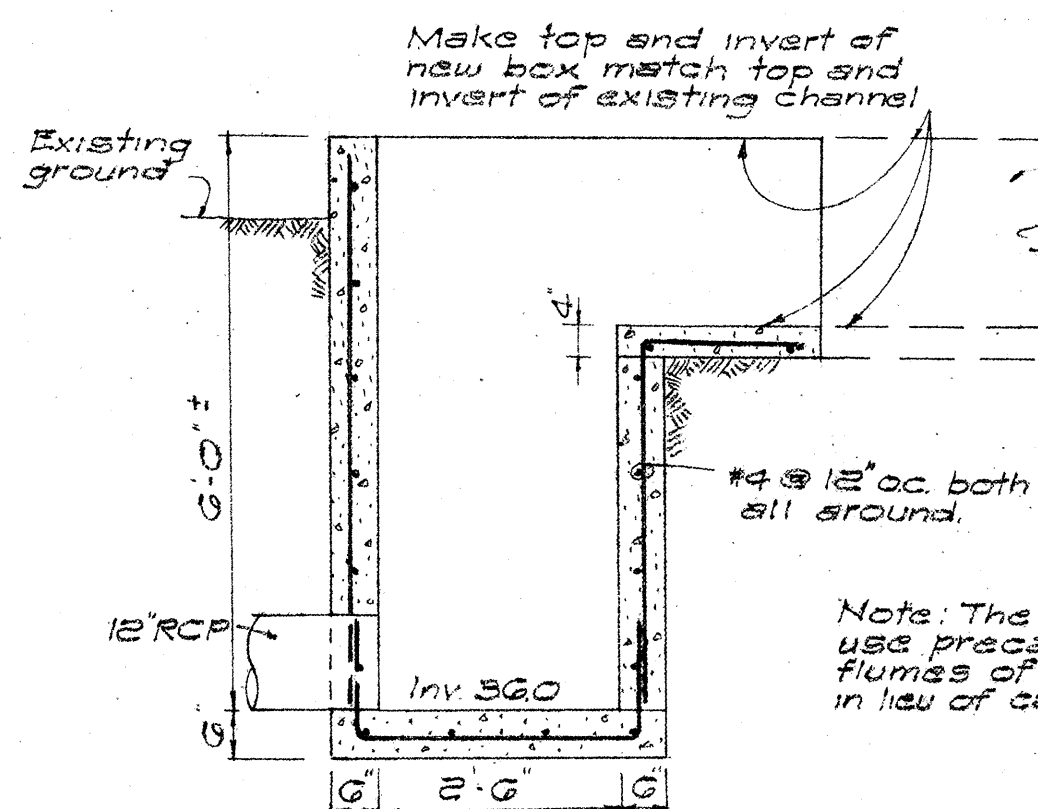


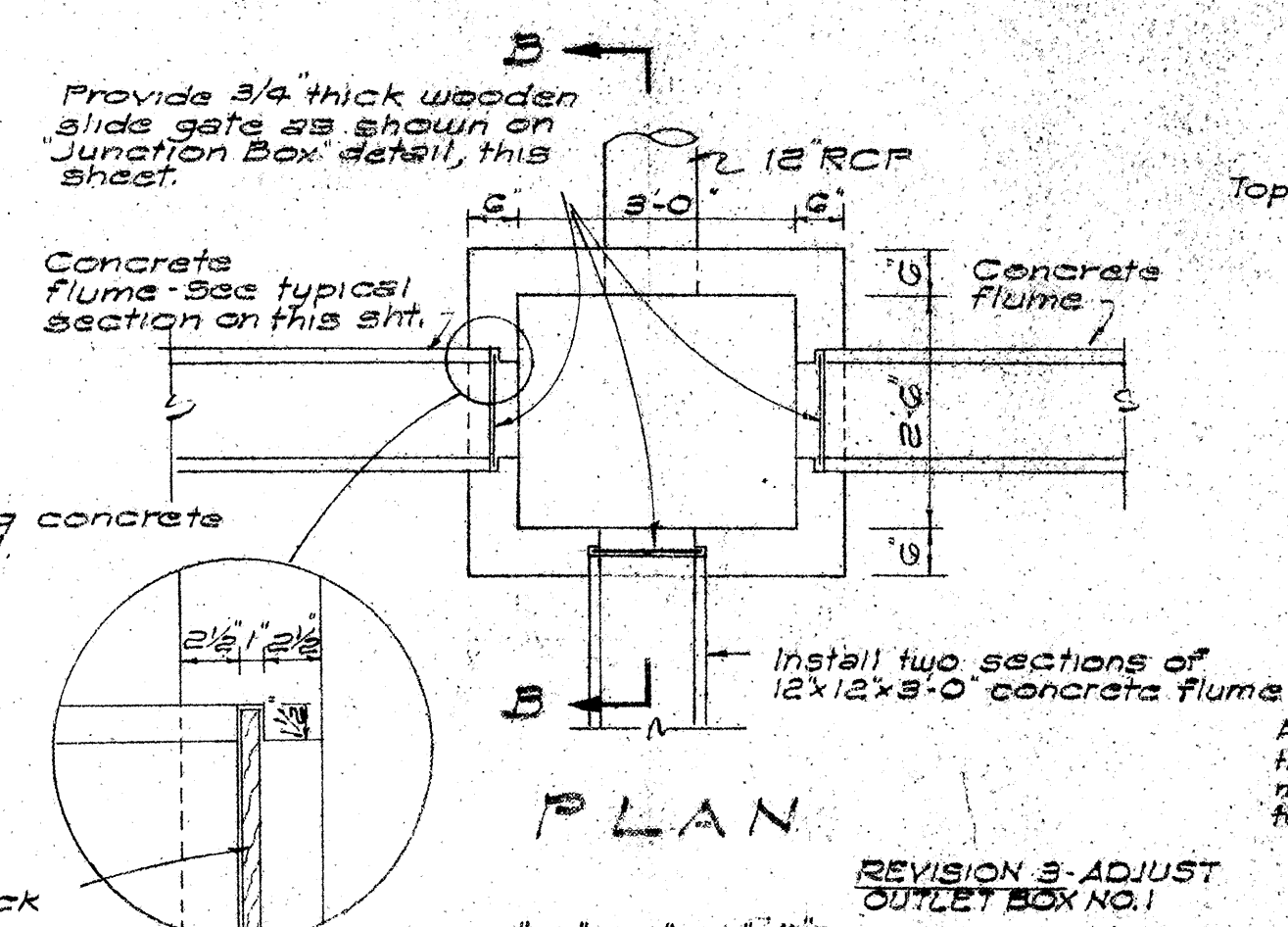




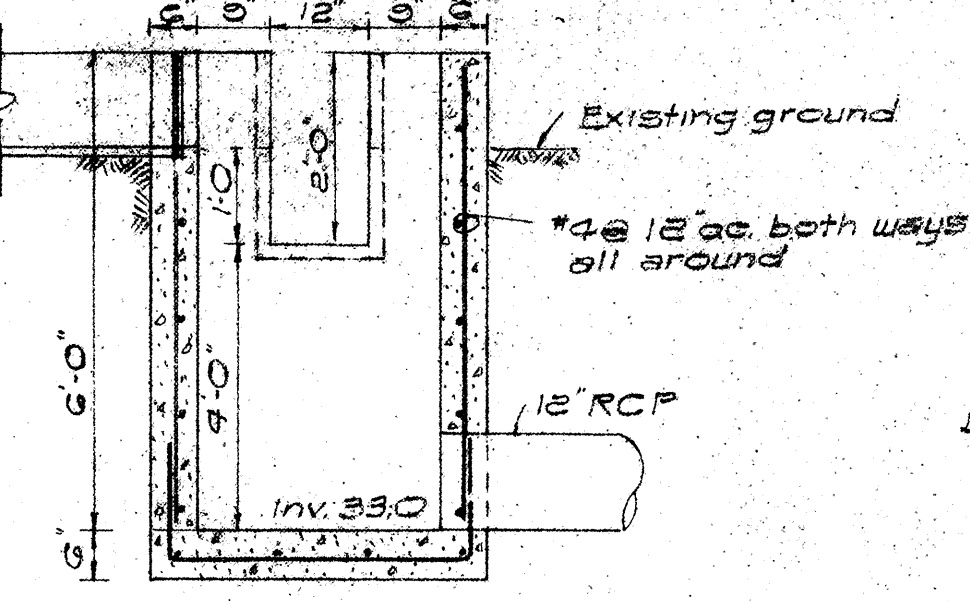
PLAN



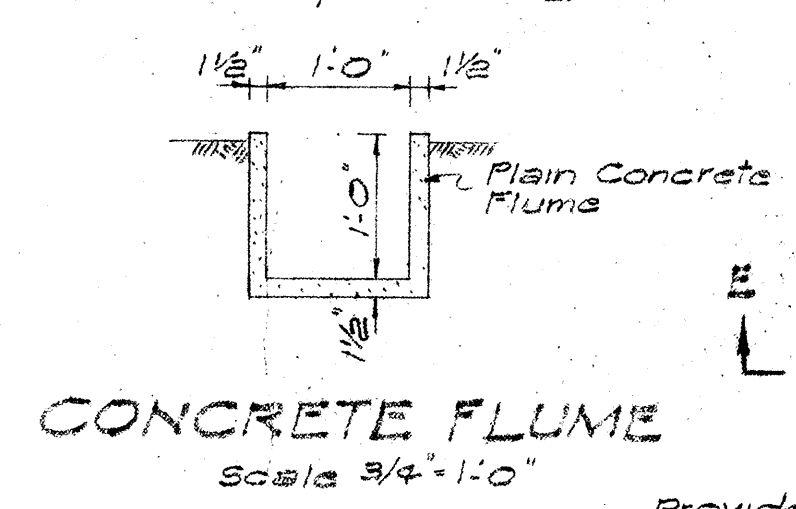
SECTION A-A
INLET BOX NO. 1
Scale 1/2" = 1'-0"



PLAN



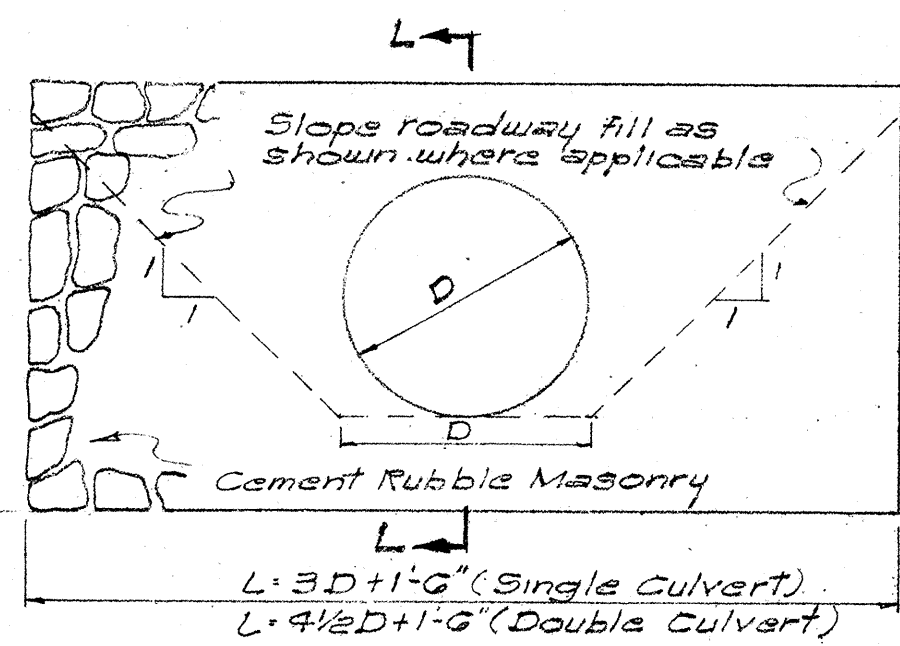
SECTION B-B
OUTLET BOX NO. 1
Not to Scale



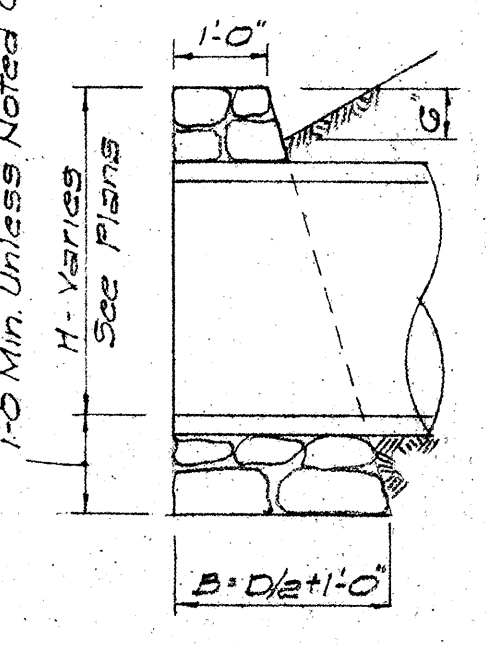
CONCRETE FLUME
Scale 3/4" = 1'-0"

*Dimensions shown are minimum required
**Dimensions shown are for single culvert;
For multiple culverts, 1 1/2" for each additional culvert.

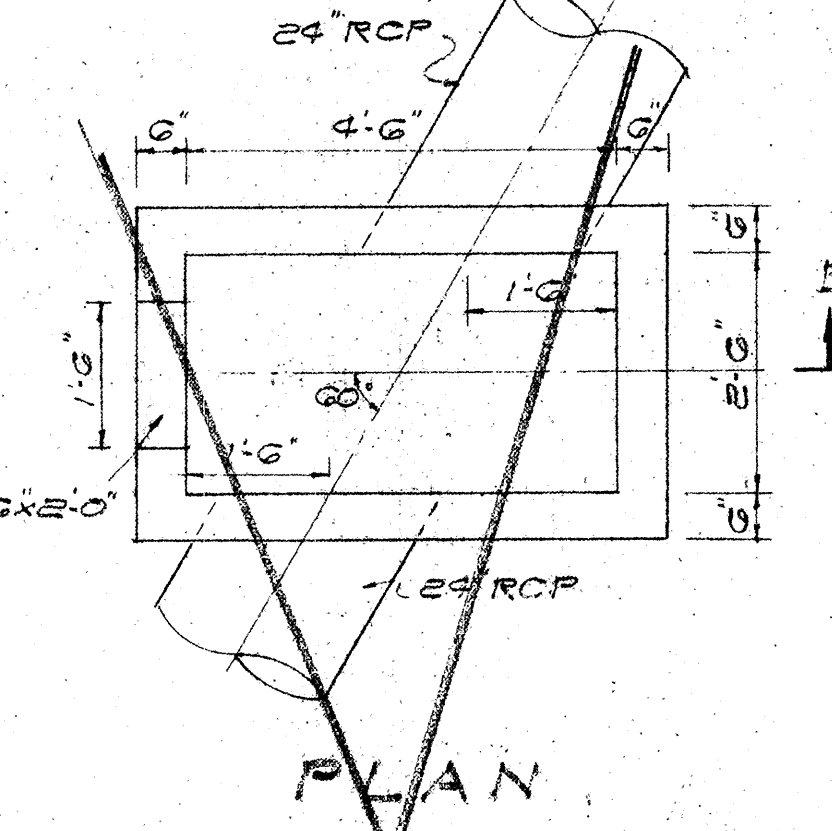
MASONRY HEADWALL	Volume, Cu. Yds.
D H * B L **	
18 2'-6" 1'-5" 6'-0"	0.85
24 3'-0" 2'-0" 7'-6"	1.28
36 4'-0" 3'-0" 10'-6"	2.99
48 5'-0" 4'-0" 13'-6"	6.0



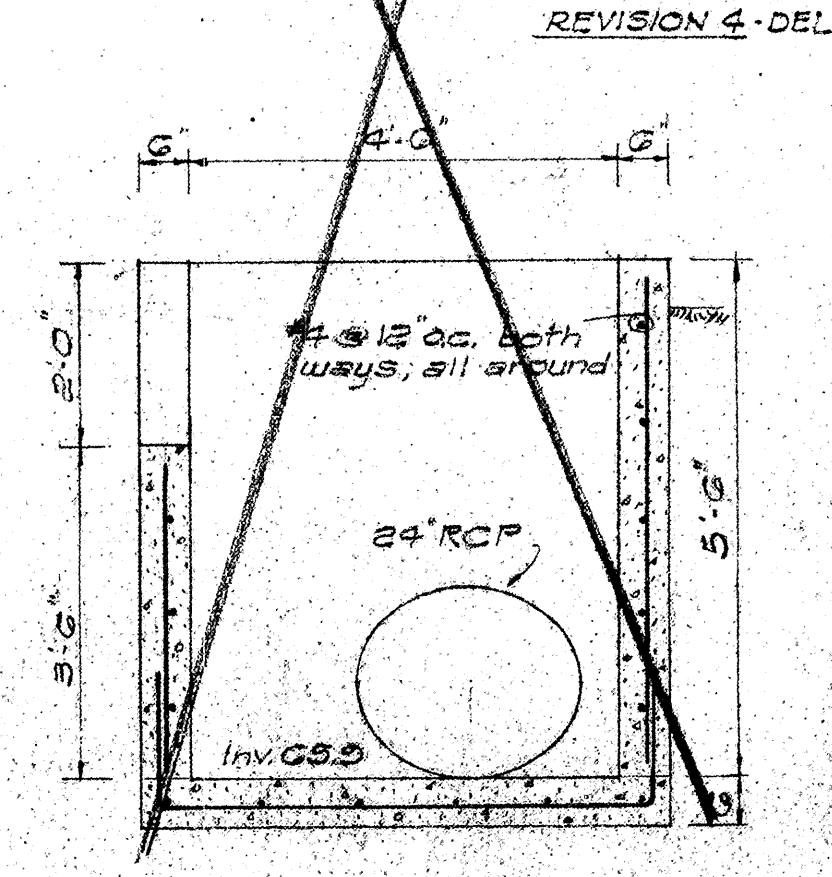
ELEVATION
TYPE "A" HEADWALL
Not to Scale



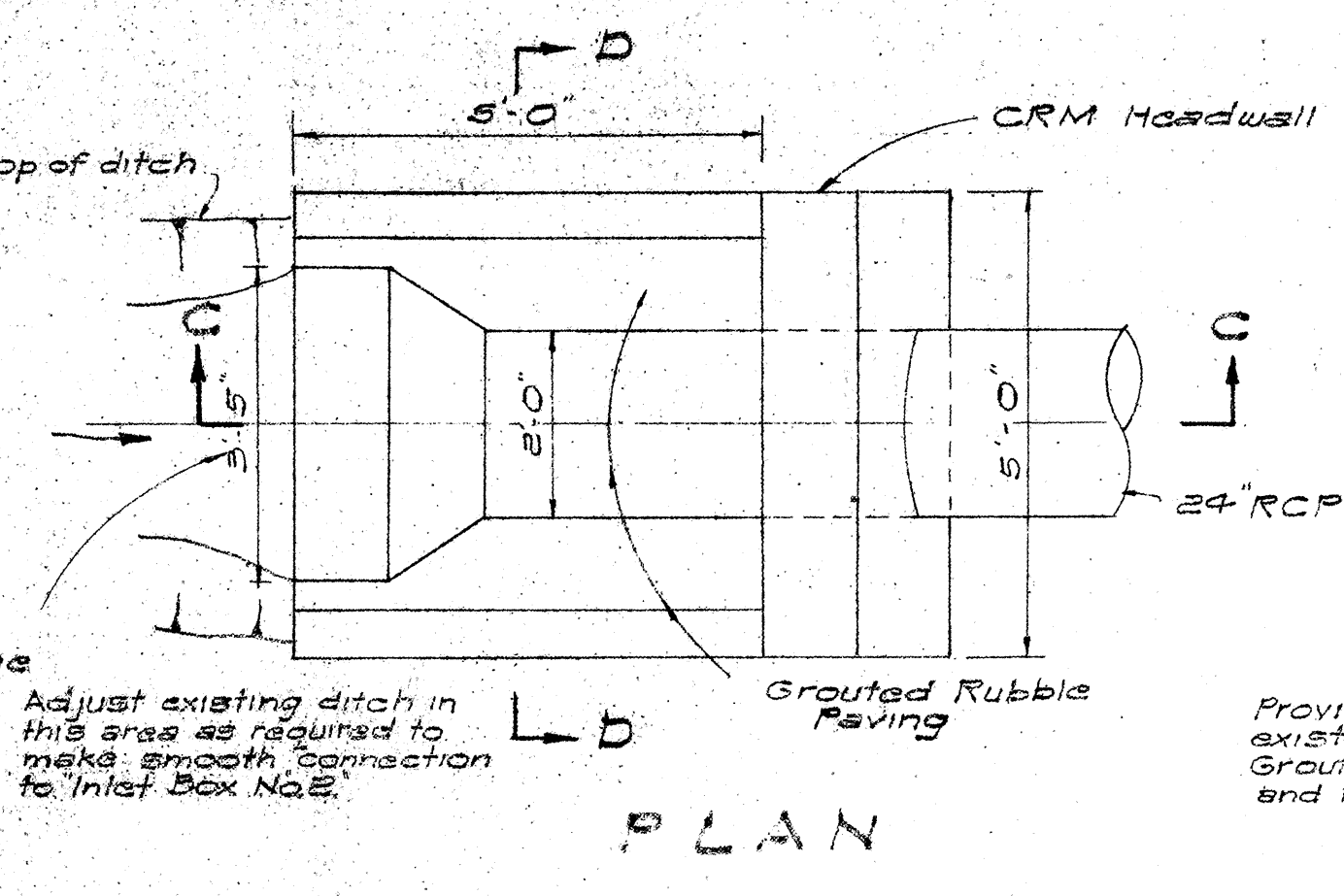
SECTION L-L



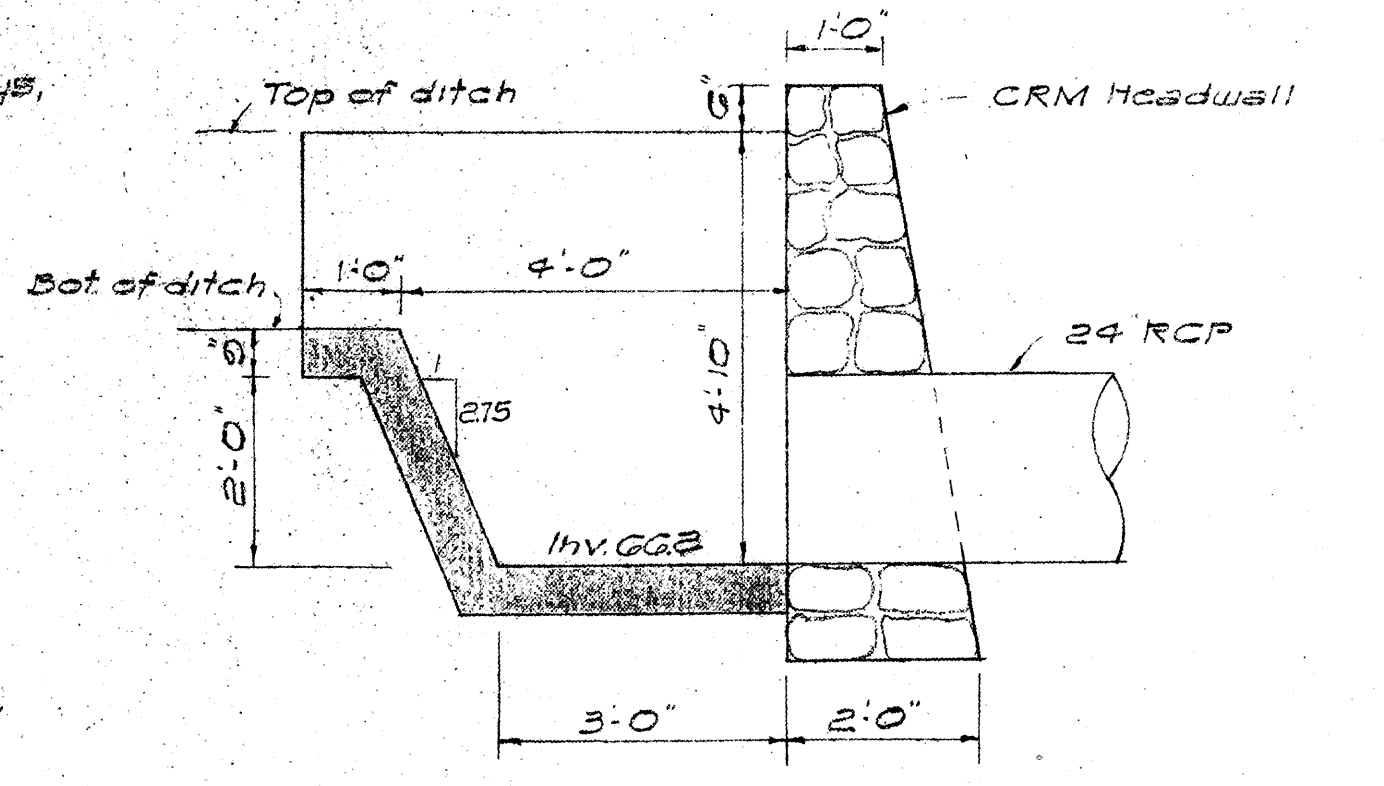
PLAN



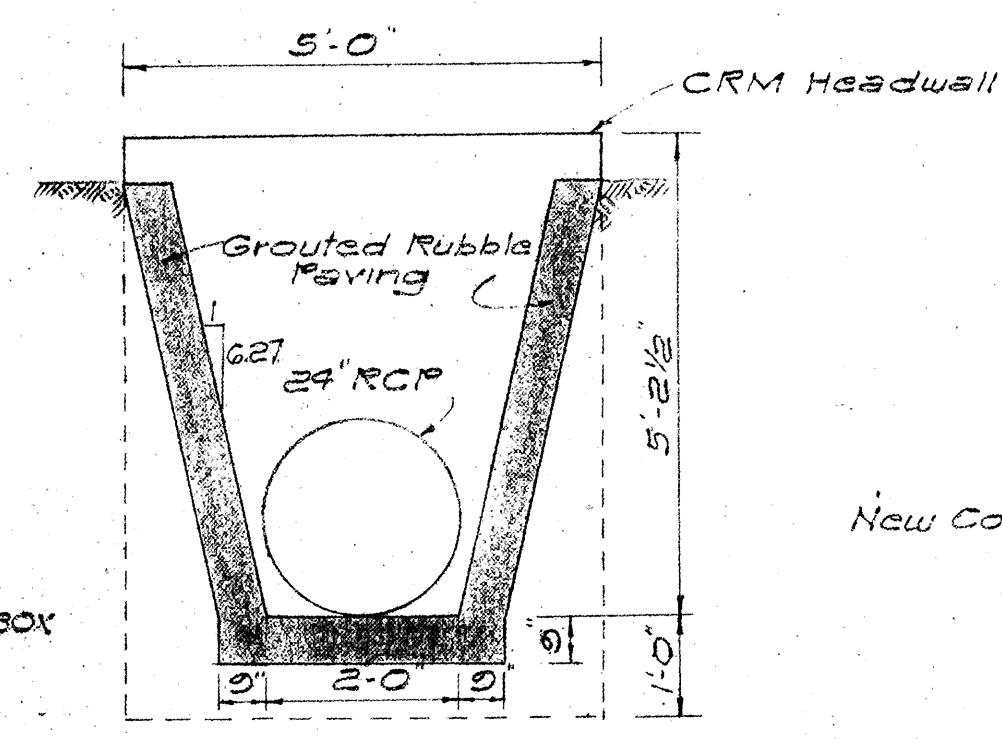
SECTION E-E
JUNCTION BOX
Scale 1/2" = 1'-0"



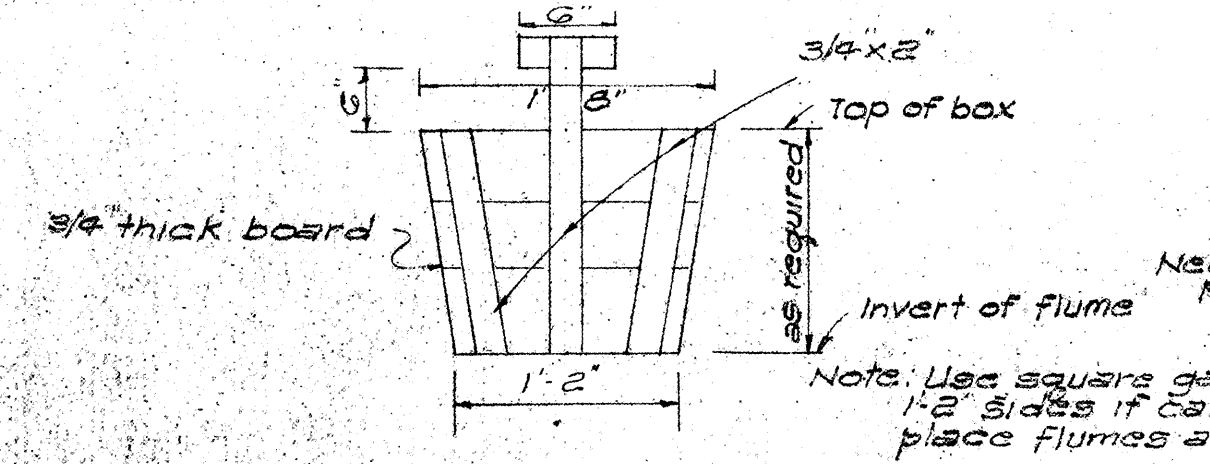
PLAN



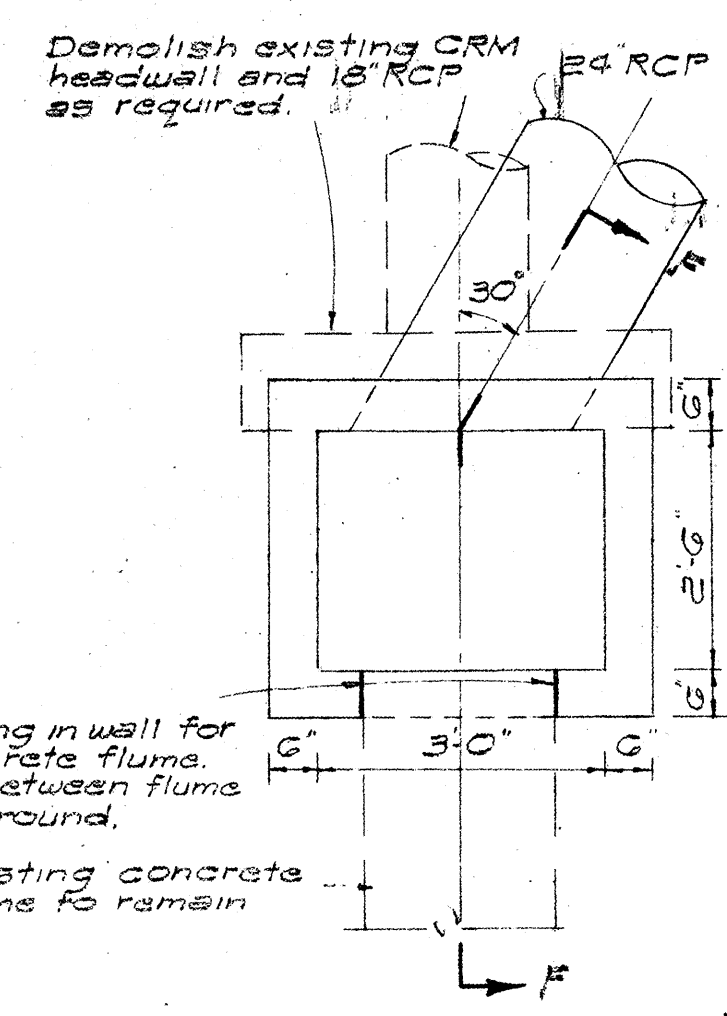
SECTION C-C



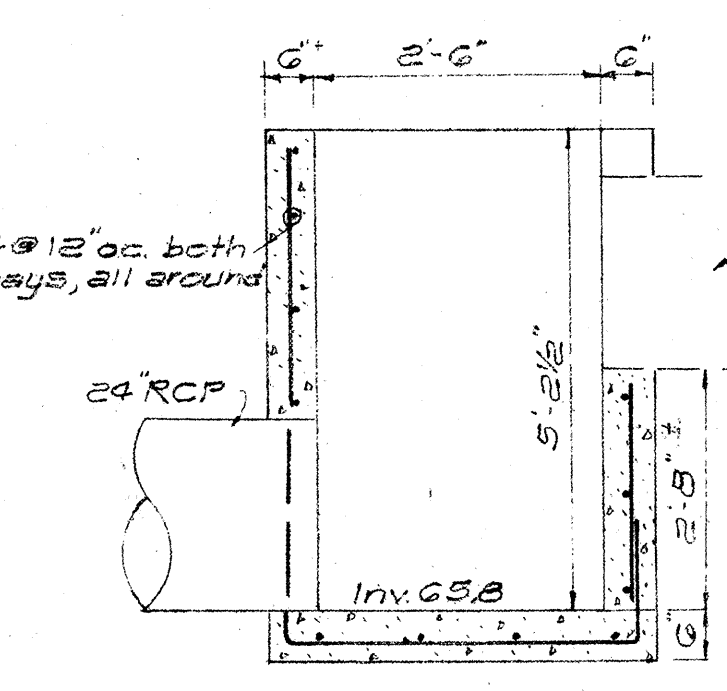
SECTION D-D
INLET BOX NO. 2
Not to Scale



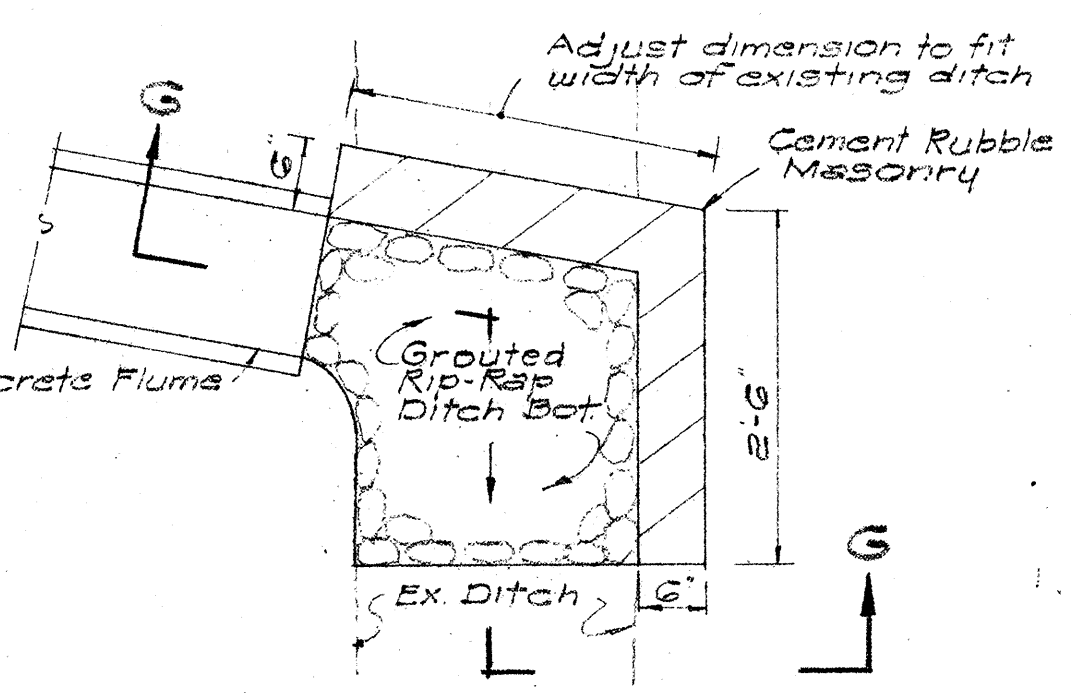
WOOD SLIDE GATE
Scale 1" = 1'-0"



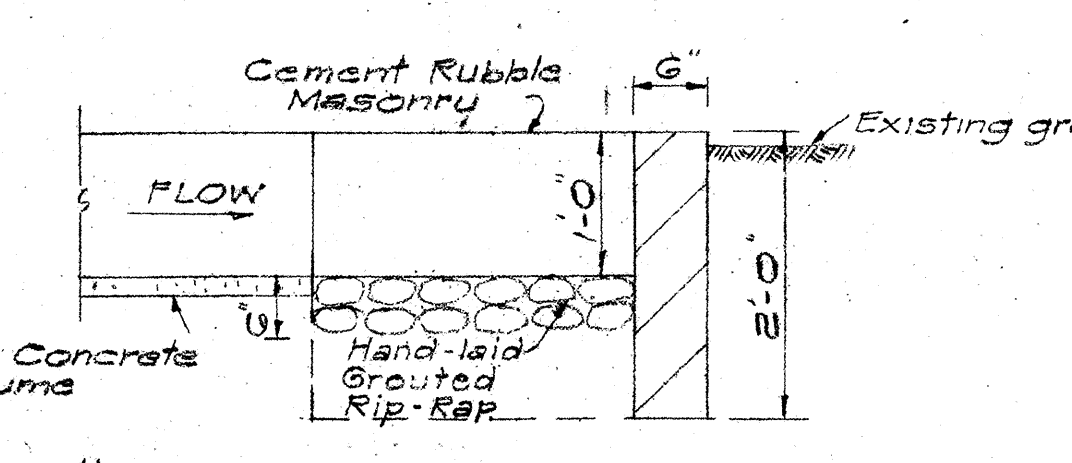
PLAN



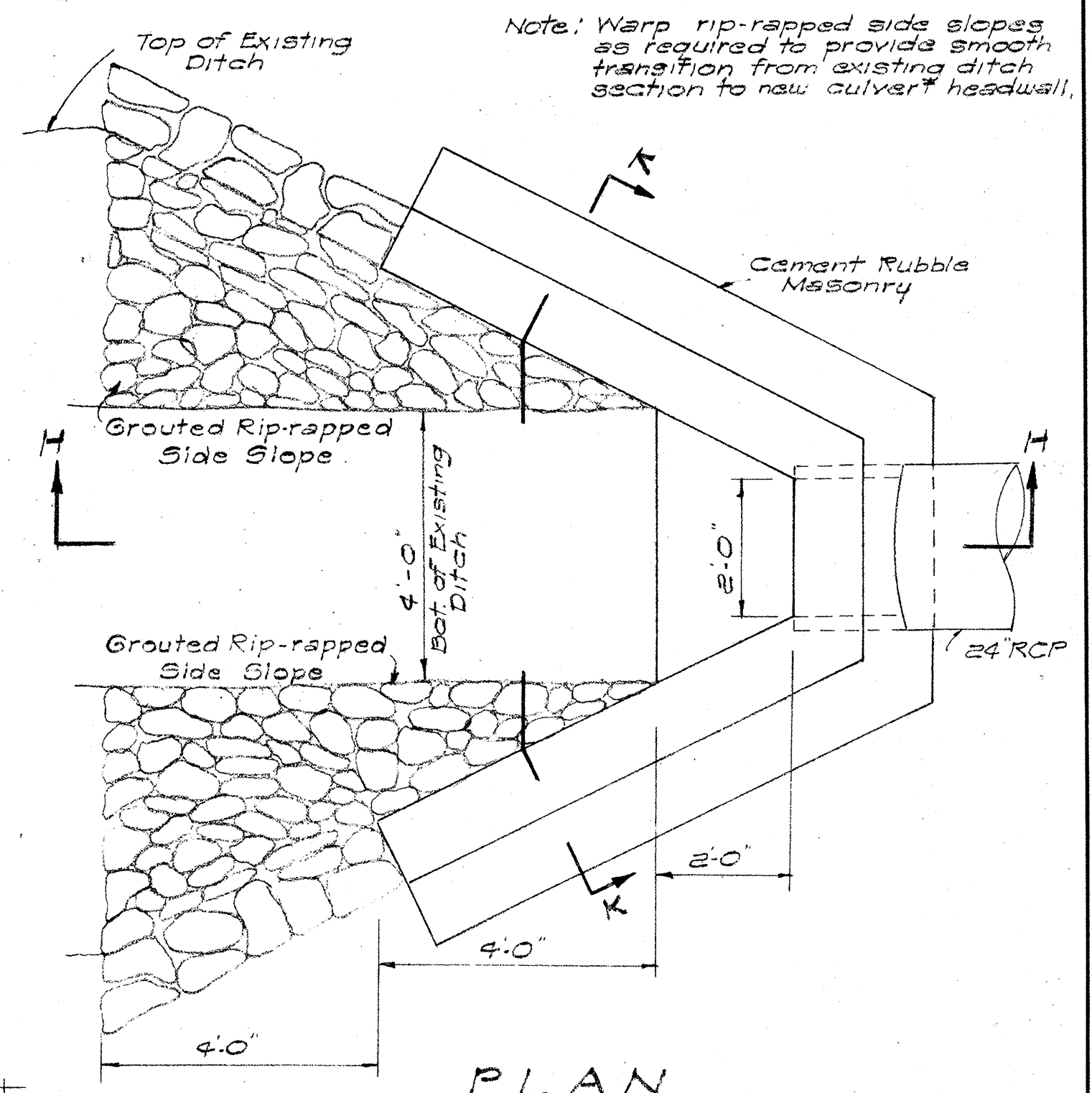
SECTION F-F
OUTLET BOX NO. 2
Scale 1/2" = 1'-0"



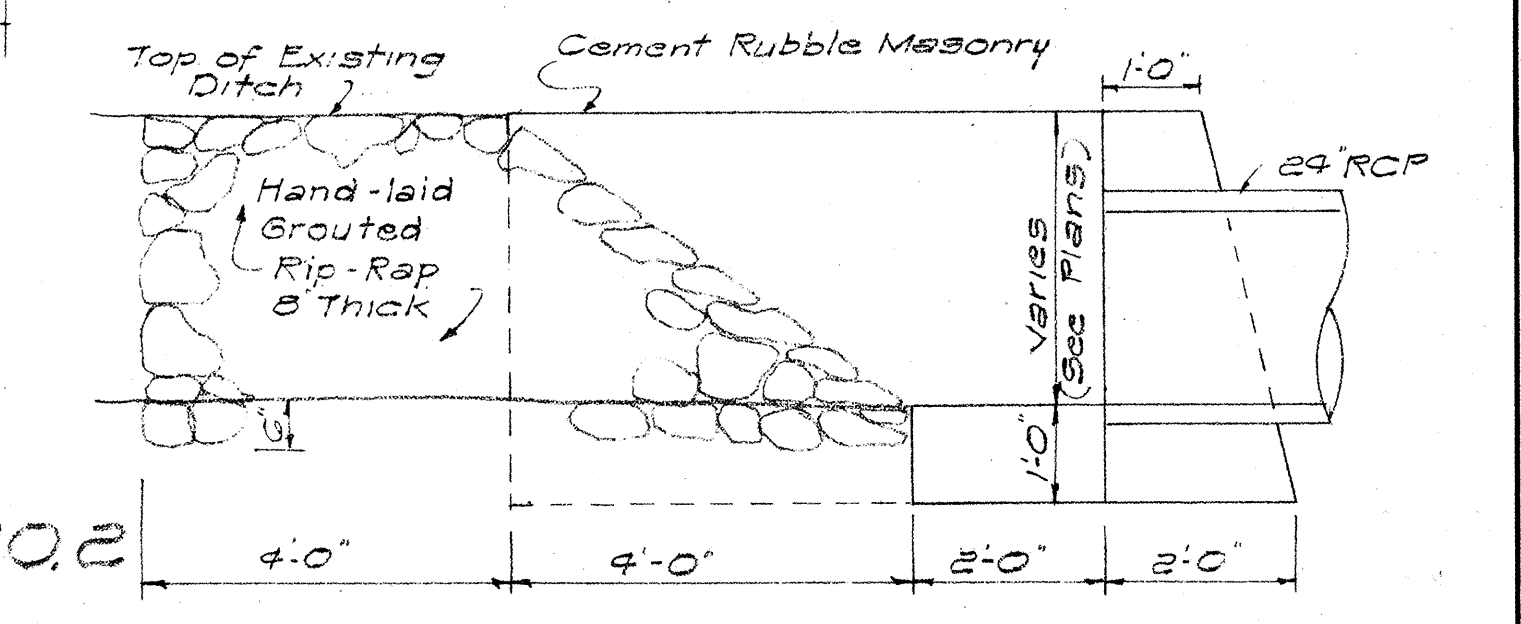
PLAN



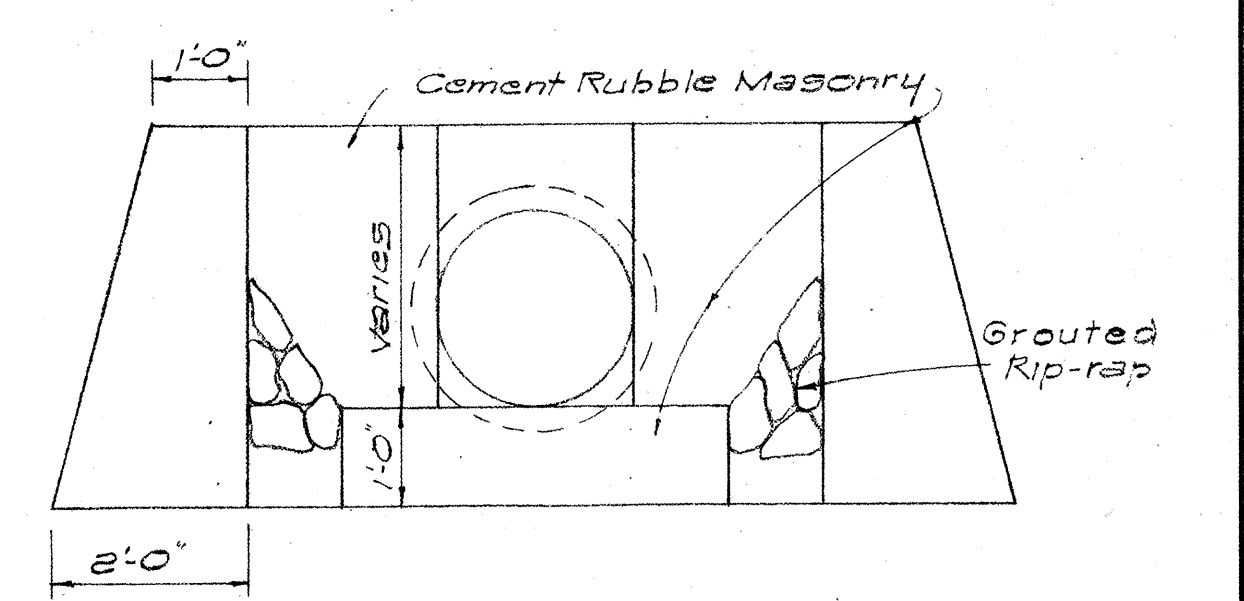
SECTION G-G
DIVERSION WALL
Scale 3/4" = 1'-0"



PLAN



SECTION H-H



SECTION K-K
TYPE "B" HEADWALL
Scale 1/2" = 1'-0"

4	3/28/61 Delete Junction Box	RYE RS
5	3/28/61 Adjust Outlet Box No. 1	RYE RS
6	3/28/61	Made by

TRUSTEES OF
THE ESTATE OF JAMES CAMPBELL
HONOLULU, HAWAII

**JAMES CAMPBELL INDUSTRIAL PARK
MAIN ACCESS ROAD**

DRAINAGE DETAILS

Plans By
Harland Bartholomew & Associates

APPROVED: *[Signature]* 11/17/62
DIRECTOR, DIVISION OF ENGINEERING DATE

REGISTERED ENGINEER
CERTIFICATE NO. 901

