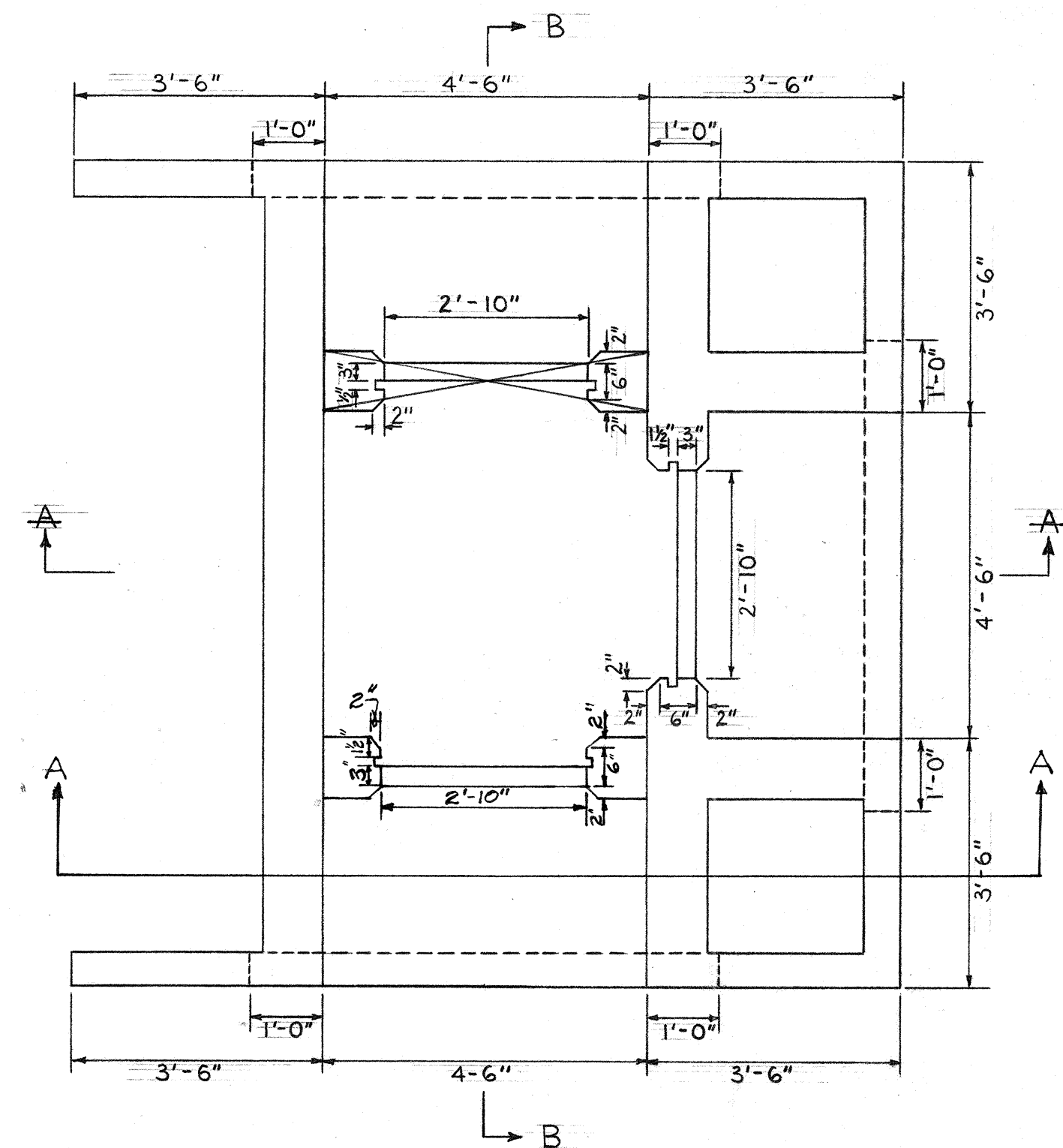


LONGITUDINAL SECTION
Scale: 1/4" = 1'-0"

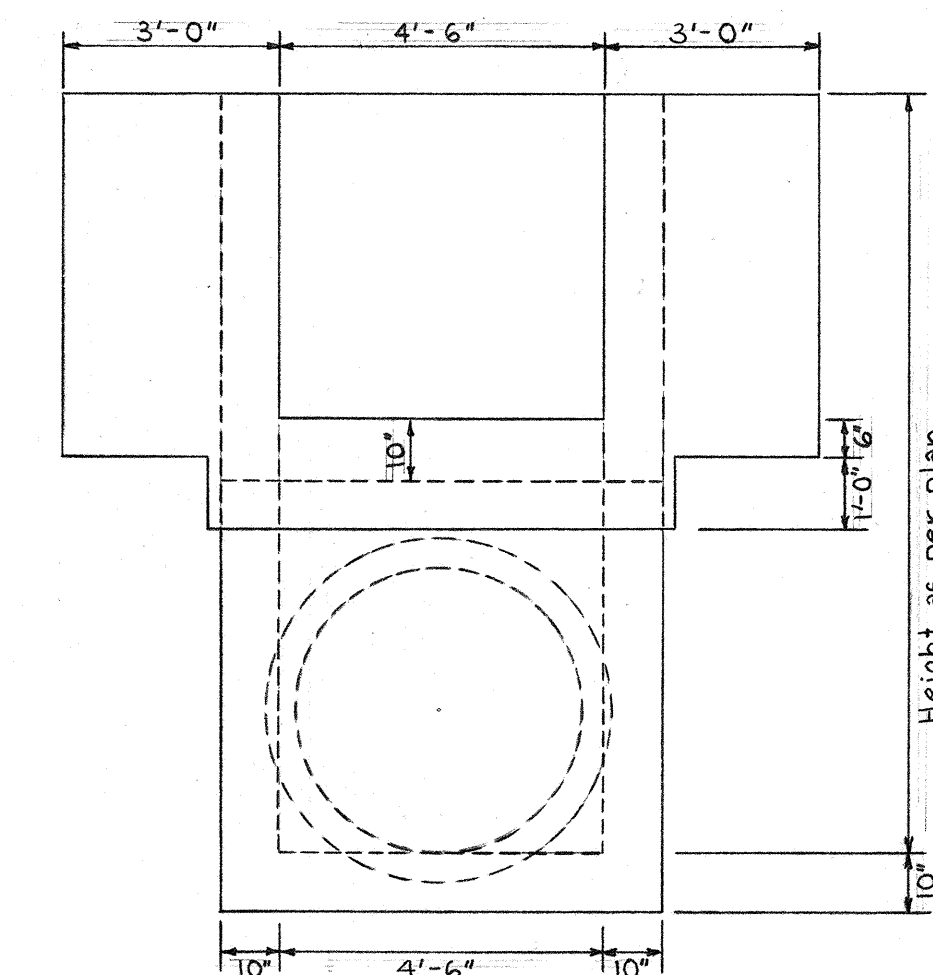
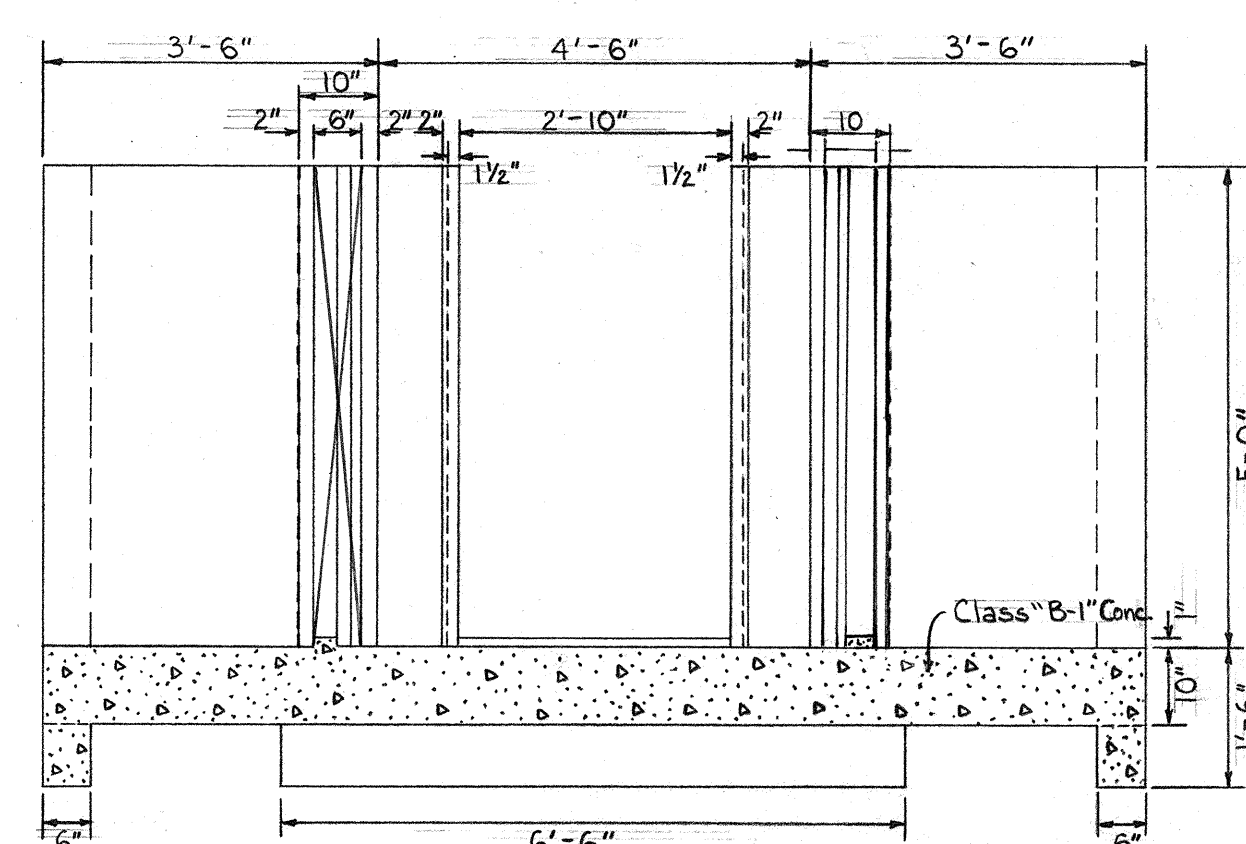
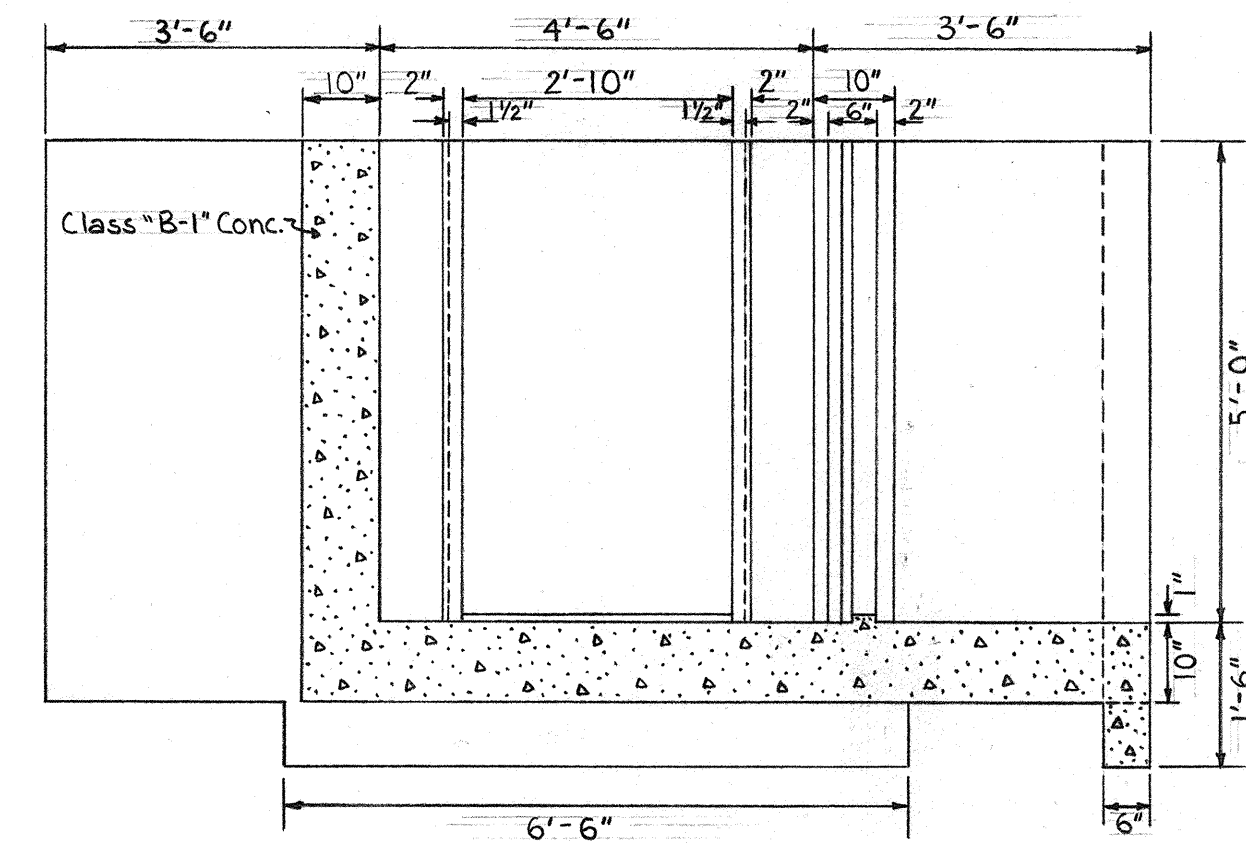
ESTIMATED QUANT.	
Structural Excavation	238 ±±± C.Y.
48" Siphon Pipe	104 L.F.
Class "B-1" Concrete	14.5 ±±± C.Y.
G.R.P.	0.5 C.Y.

ESTIMATED QUANT.	
Structural Excavation	14.5 ±±± C.Y.
Class "B-1" Concrete	8.7 C.Y.

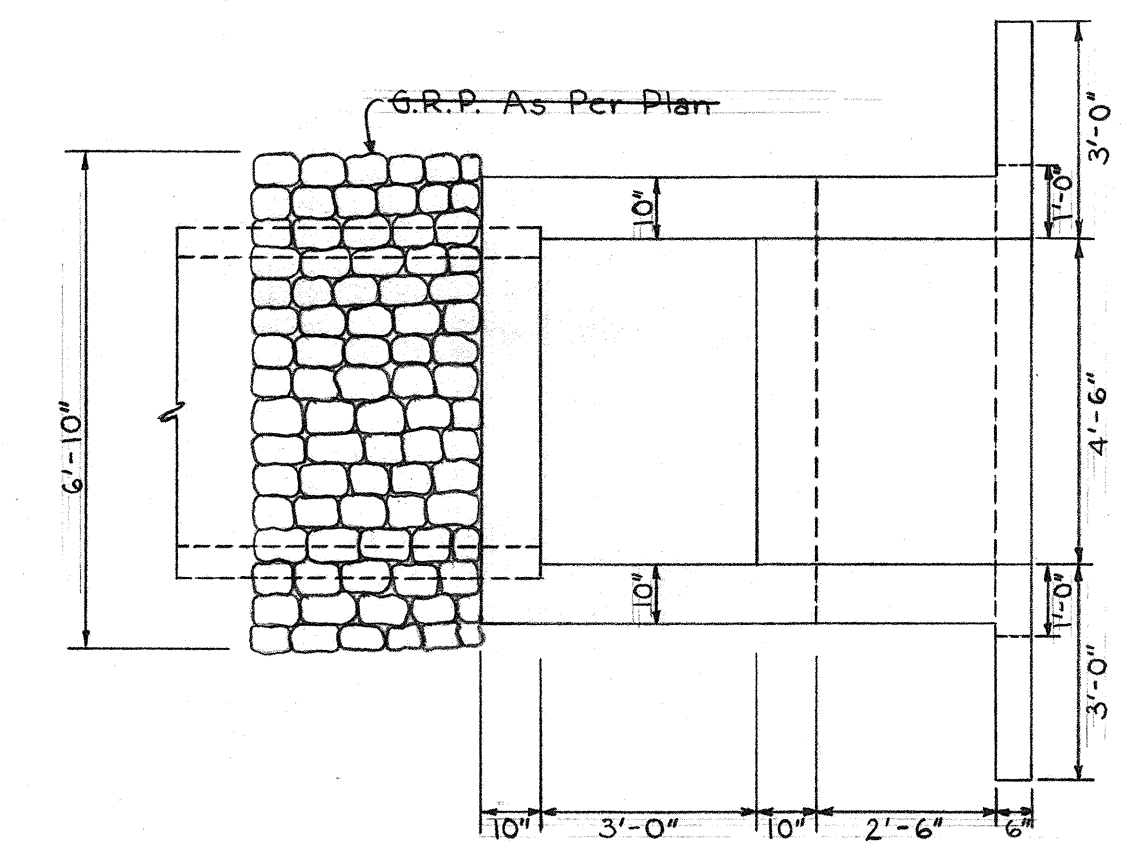
Note:
Contractor to furnish 10 pcs. - 1 1/4" x 6" x 3'-0"
Redwood Slip Boards. This shall be considered
Incidental to Class "B-1" Concrete.



PLAN
DETAILS OF TURNOUT AT STA 44+00 Lt.
Scale: 1/2" = 1'-0"



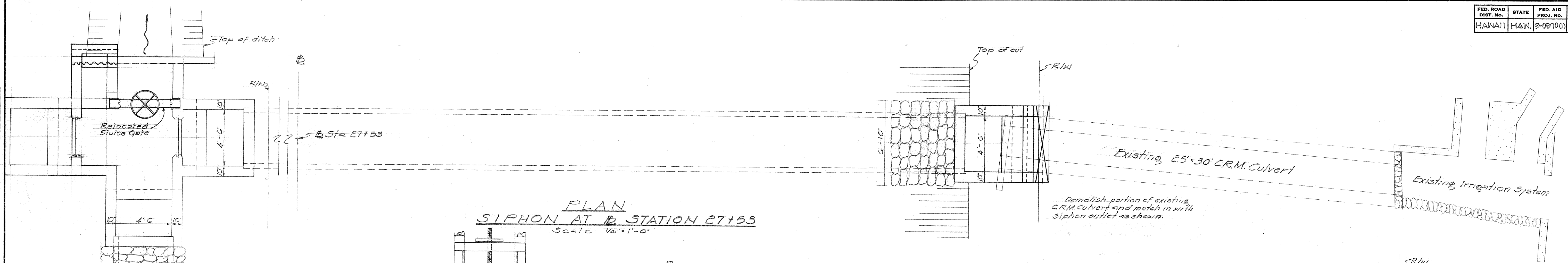
FRONT ELEV.
Scale: 3/8" = 1'-0"



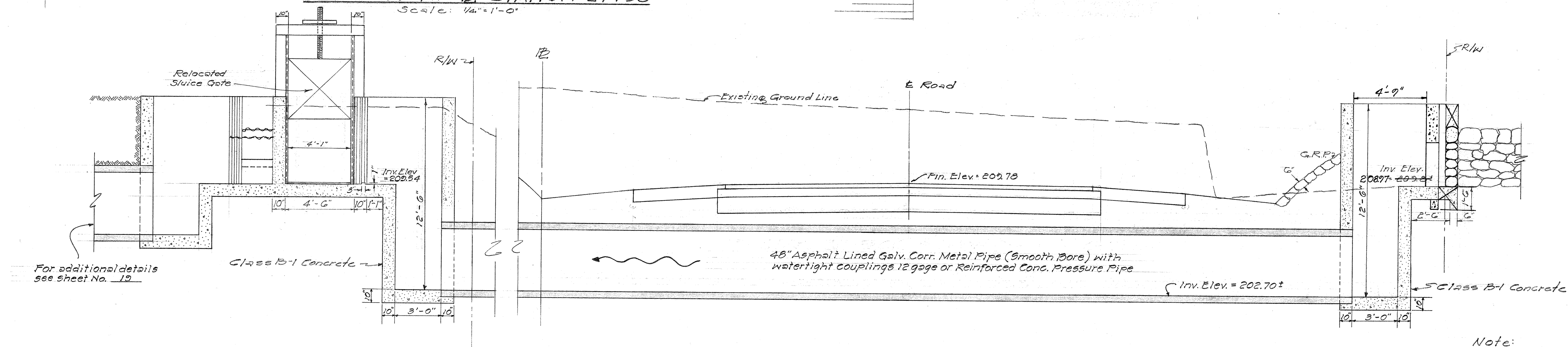
PLAN OF C.D.I. & TURNOUT
Scale: 3/8" = 1'-0"

DETAILS OF SIPHON AT STA 19+80
Scale: As Shown

DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STATE OF HAWAII
SIPHON & TURNOUT DETAILS
AHUKINI ROAD
PROJ. NO. S-0570(1)
LIHUE, KAUAI
Scale: As Shown Date: June 1962

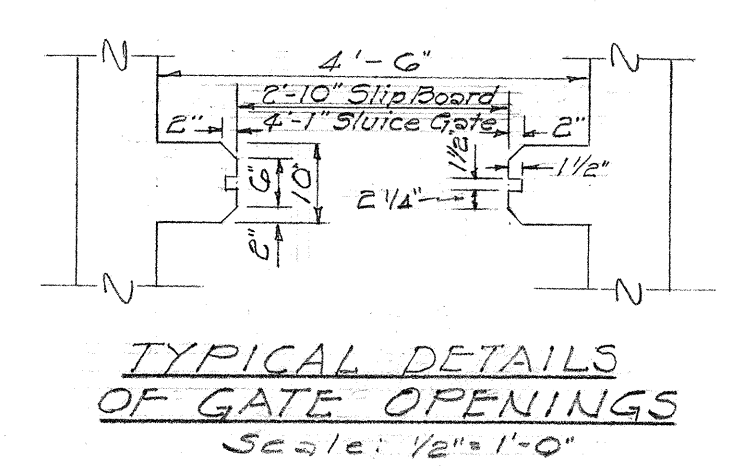


PLAN
SIPHON AT STATION 27+53
Scale: 1/4" = 1'-0"

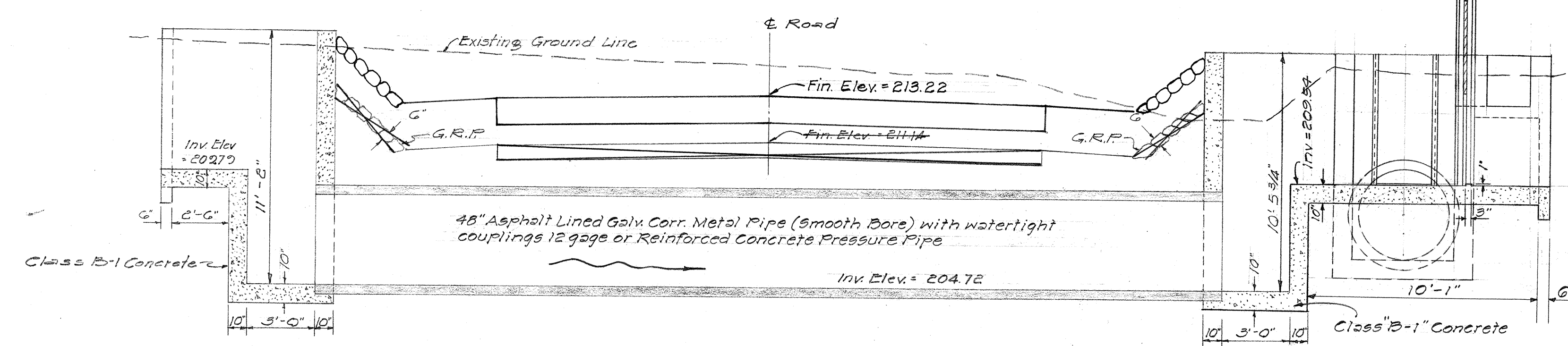


LONGITUDINAL SECTION OF SIPHON AT STATION 27+53
Scale: 1/4" = 1'-0"

Note:
Contractor to furnish 10 pieces 1 1/4" x 6" x 2'-0" R.W. Slip Boards & relocate existing sluice gate in place, complete as shown. The work above shall be considered incidental to Class B-1 Conc.

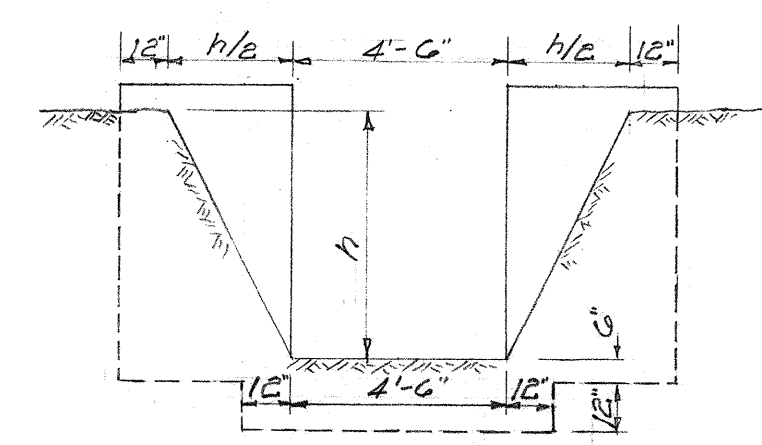


TYPICAL DETAILS OF GATE OPENINGS
Scale: 1/2" = 1'-0"



LONGITUDINAL SECTION OF SIPHON AT STATION 27+25 LT
Scale: 1/4" = 1'-0"

ESTIMATED QUANTITIES	
Structural Excavation	397.42 C.Y.
48" Siphon Pipe	156 LF
Class B-1 Concrete	414.39 C.Y.
G.R.P.	1.4 LF

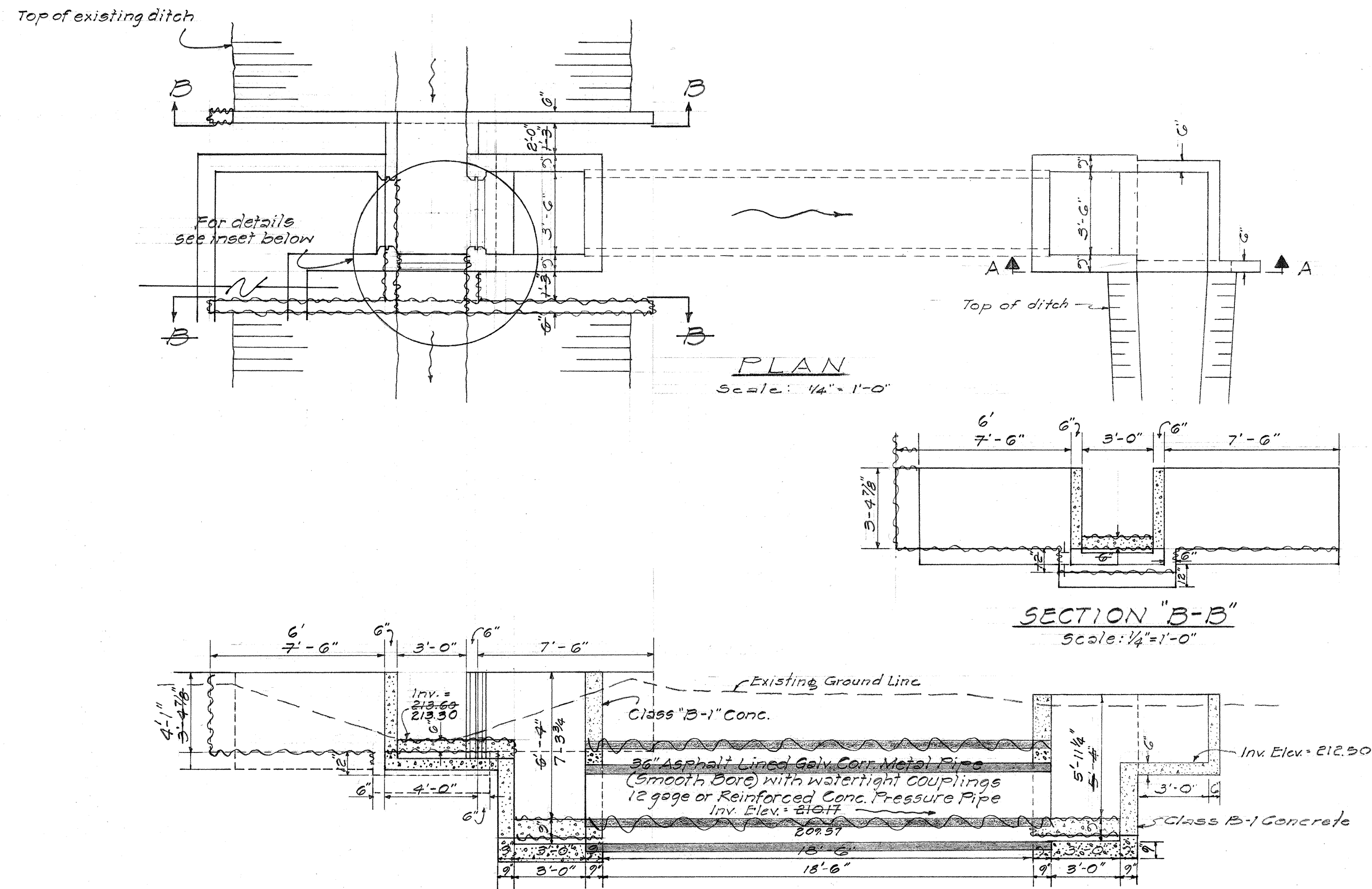


TYPICAL DETAILS OF WING WALLS
Scale: 1/4" = 1'-0"

DETAILS OF SIPHONS
AT STATIONS 27+25 LT. AND 27+53
Scale: As shown

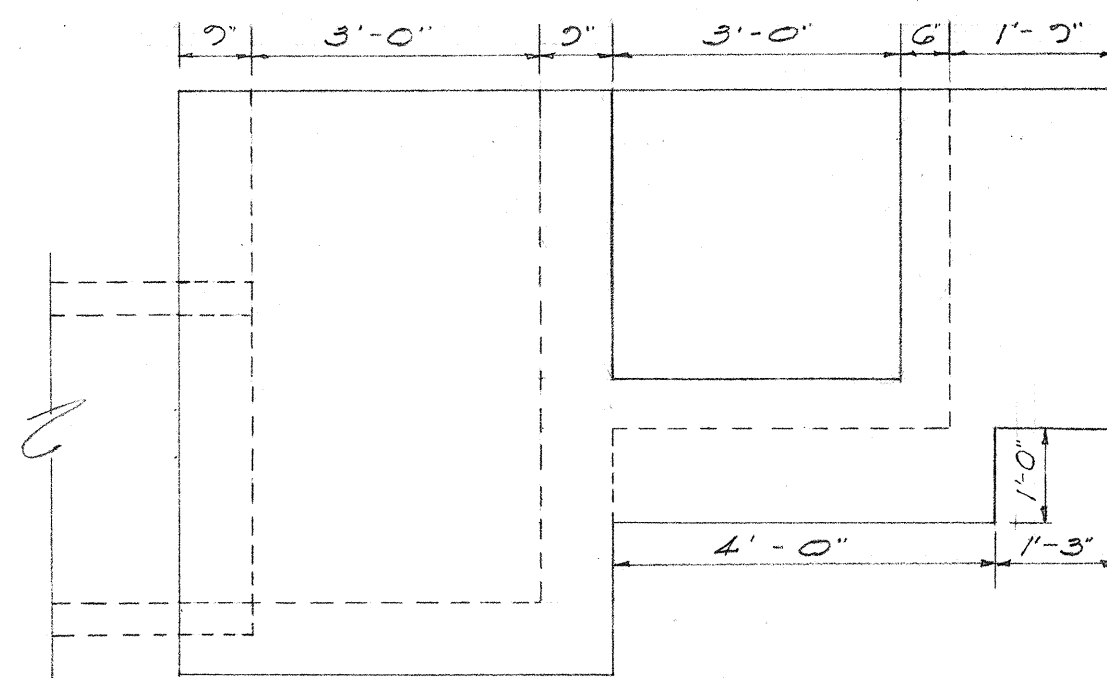
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STATE OF HAWAII
SIPHON DETAILS
AHUKINI ROAD
PROJECT NO. S-0570(1)
LIHUE, KAUAI
Scale: As Shown Date: May 1962

ORIGINAL PLAN BOOK NO. 1
DESIGNED BY
DRAWN BY
CHECKED BY
DATE



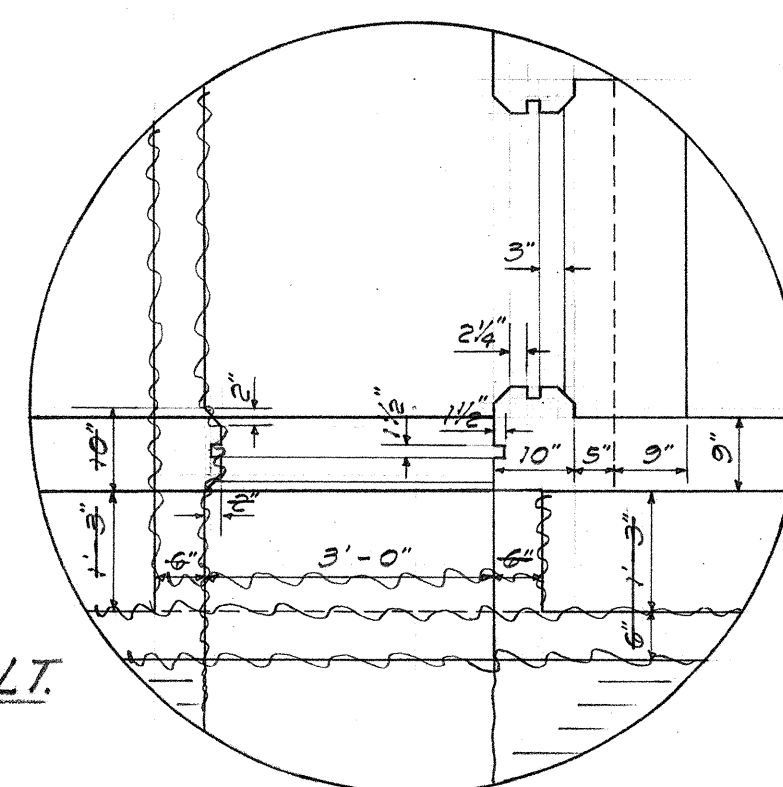
LONGITUDINAL SECTION
Scale: 1/4" = 1'-0"

NOTE:
Contractor to furnish 12 pieces 1 1/4" x 6" x 3'-0" R.W. Slip Boards. This shall be considered incidental to class B-1 concrete.



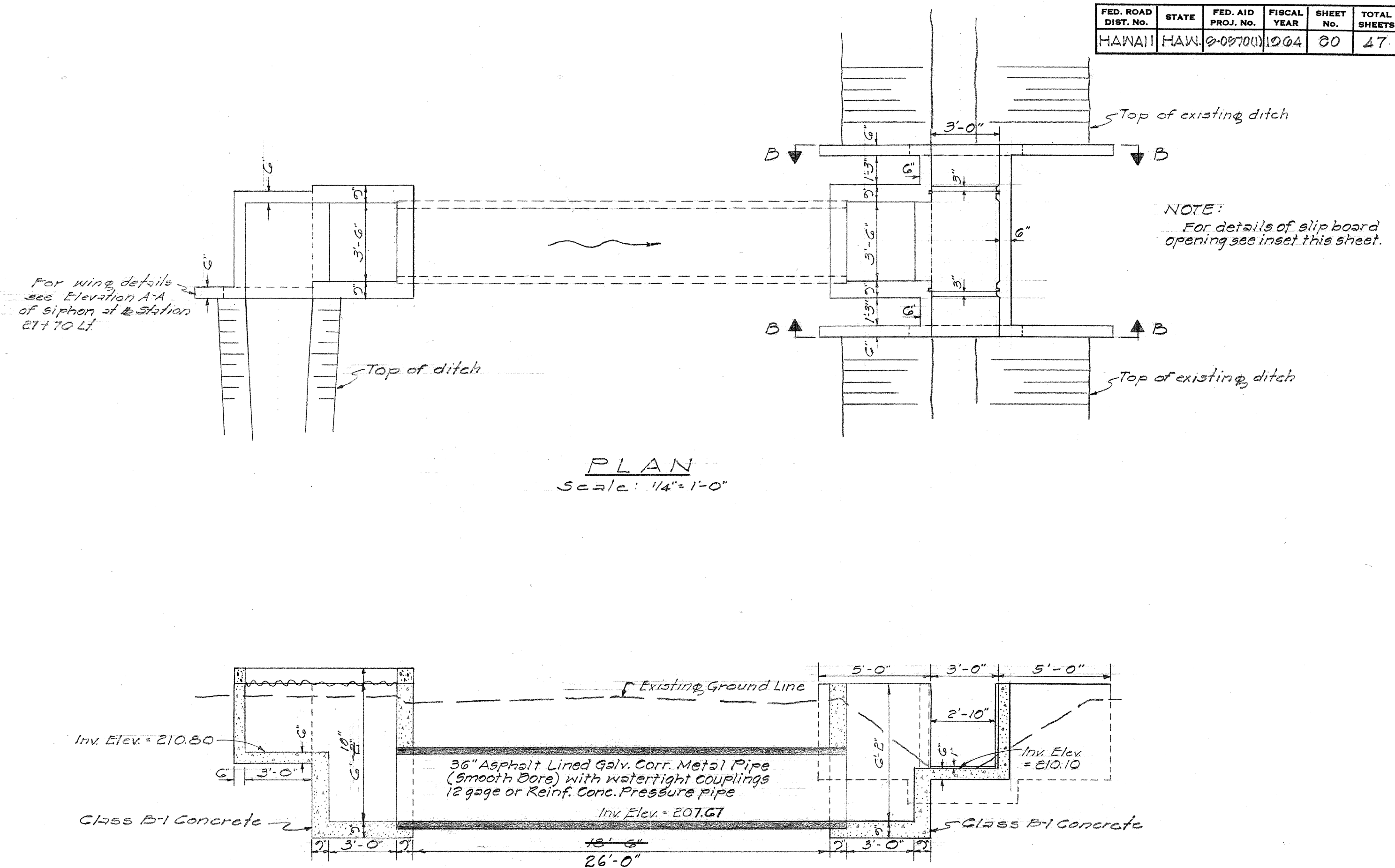
ELEVATION A-A
Scale: 1/2" = 1'-0"

DETAILS OF SIPHON AT STATION 27+70 LT.
Scale: As shown



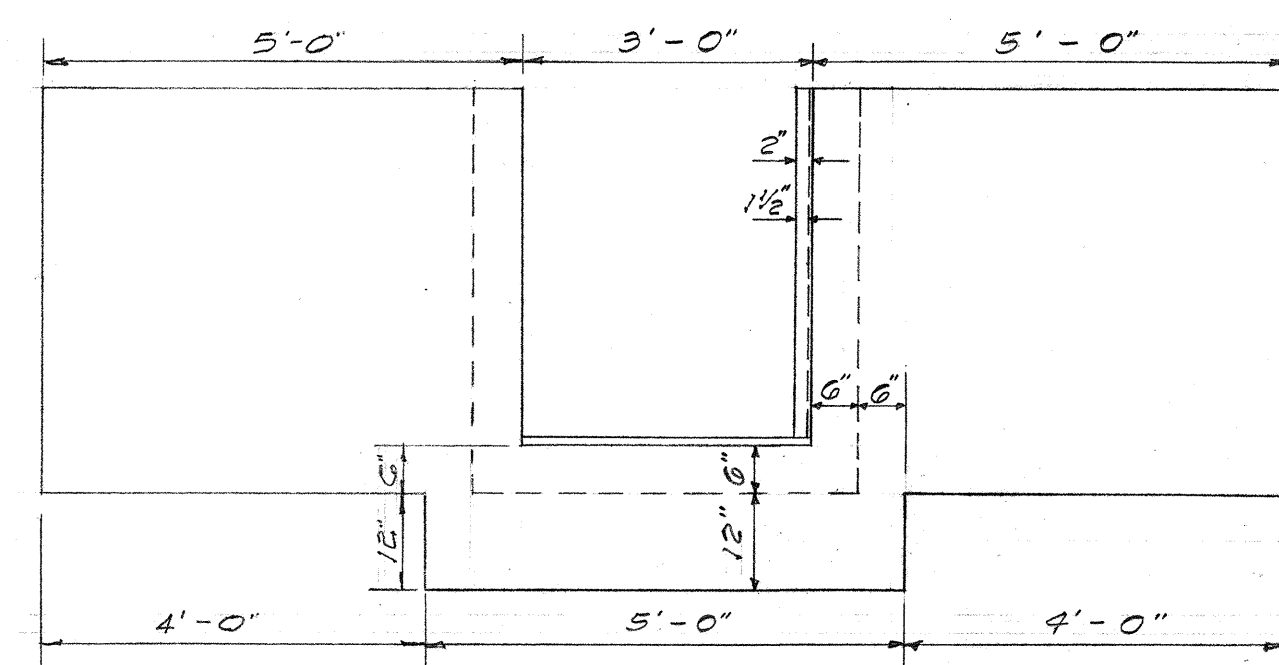
INSET
Scale: 1/2" = 1'-0"

For wing details see Elevation A-A of siphon at station 27+70 LT.



LONGITUDINAL SECTION
Scale: 1/4" = 1'-0"

Note:
Contractor to furnish 7 pieces 1 1/4" x 6" x 3'-0" R.W. Slip Boards. This shall be considered incidental to Class B-1 Concrete.



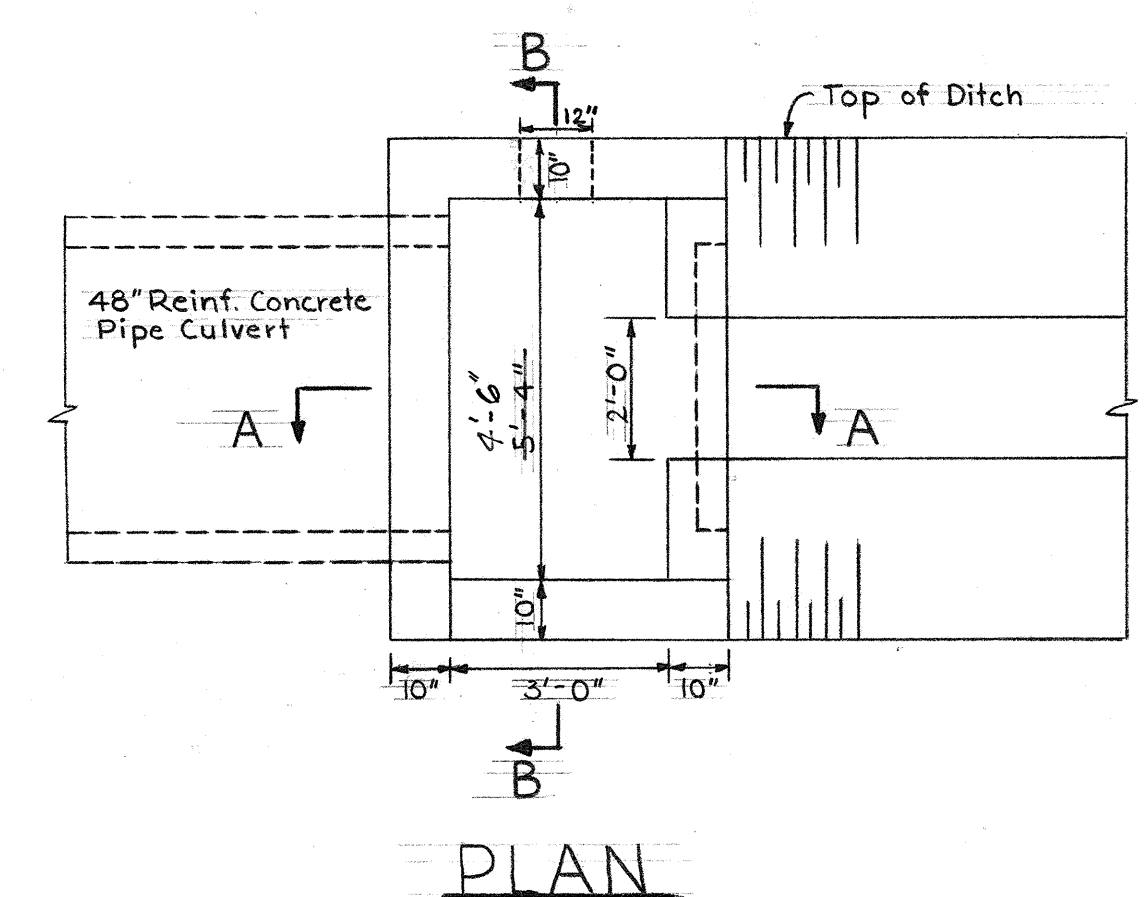
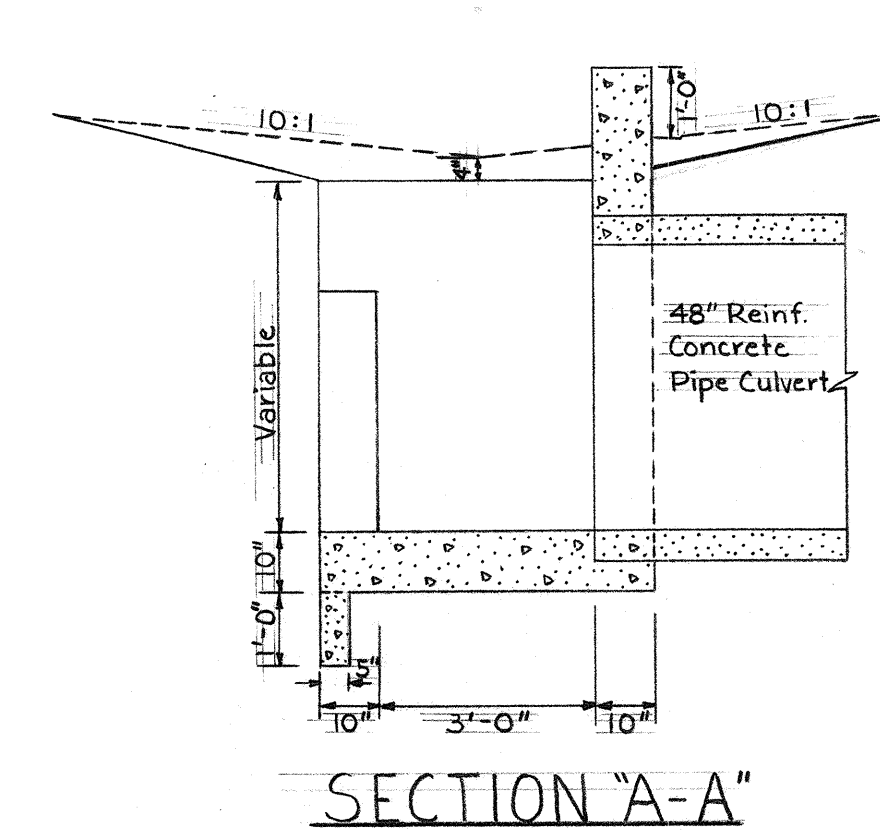
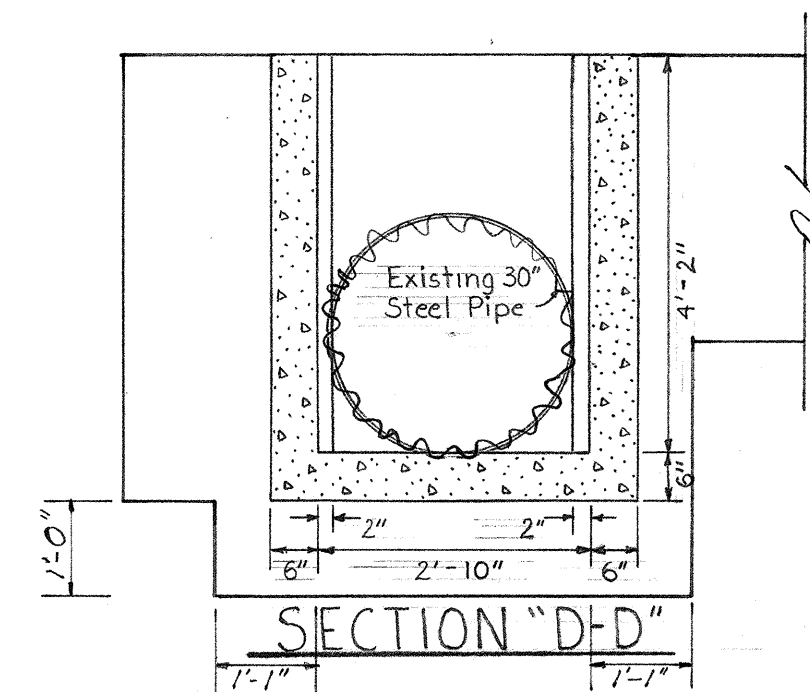
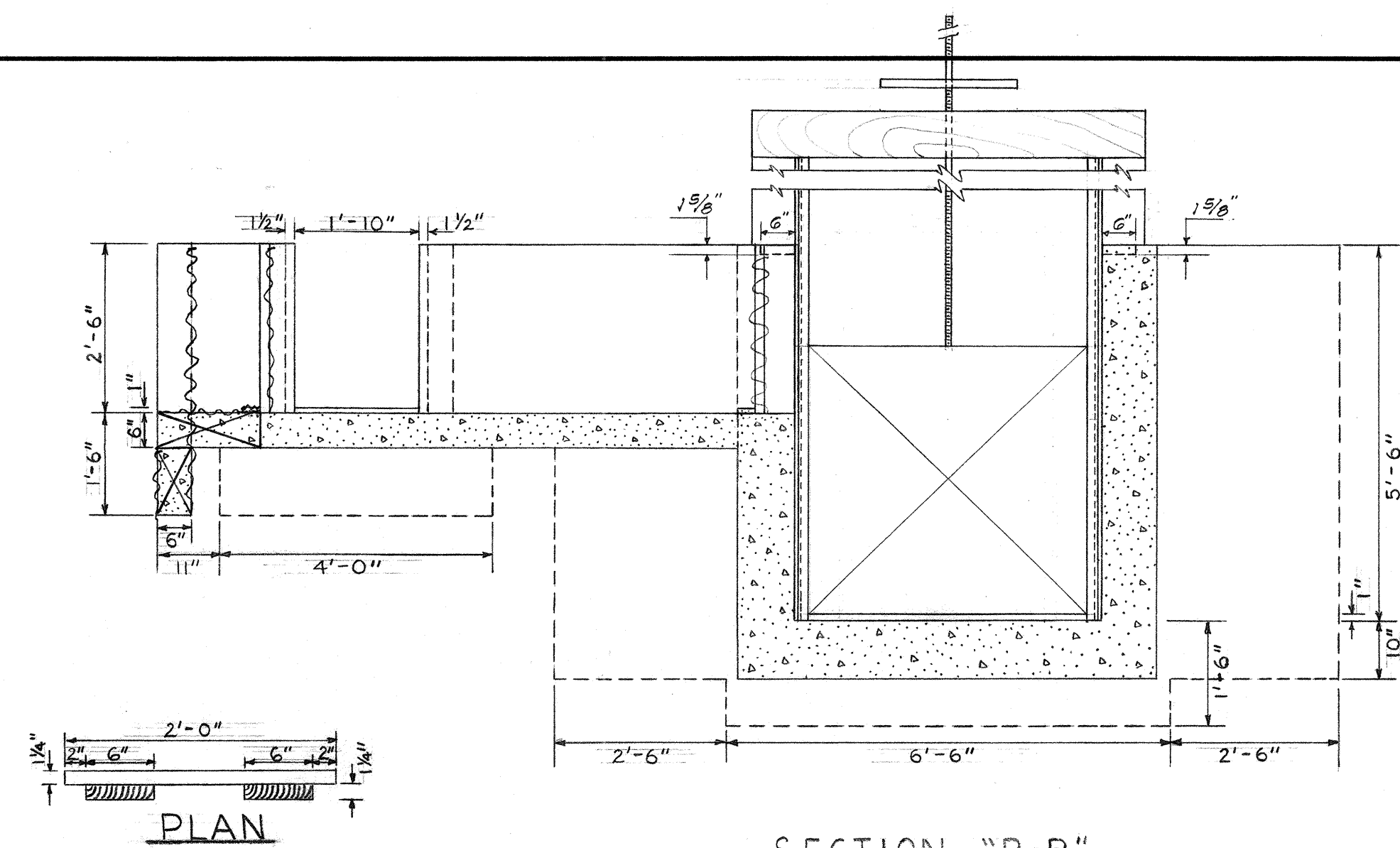
ELEVATION B-B
Scale: 1/2" = 1'-0"

DETAILS OF SIPHON AT STATION 29+26 LT.
Scale: As shown

ESTIMATED QUANTITIES	
Structural Excavation	52 C.Y.
36" Siphon Pipe	26 LF
Class B-1 Concrete	100.34 C.Y.

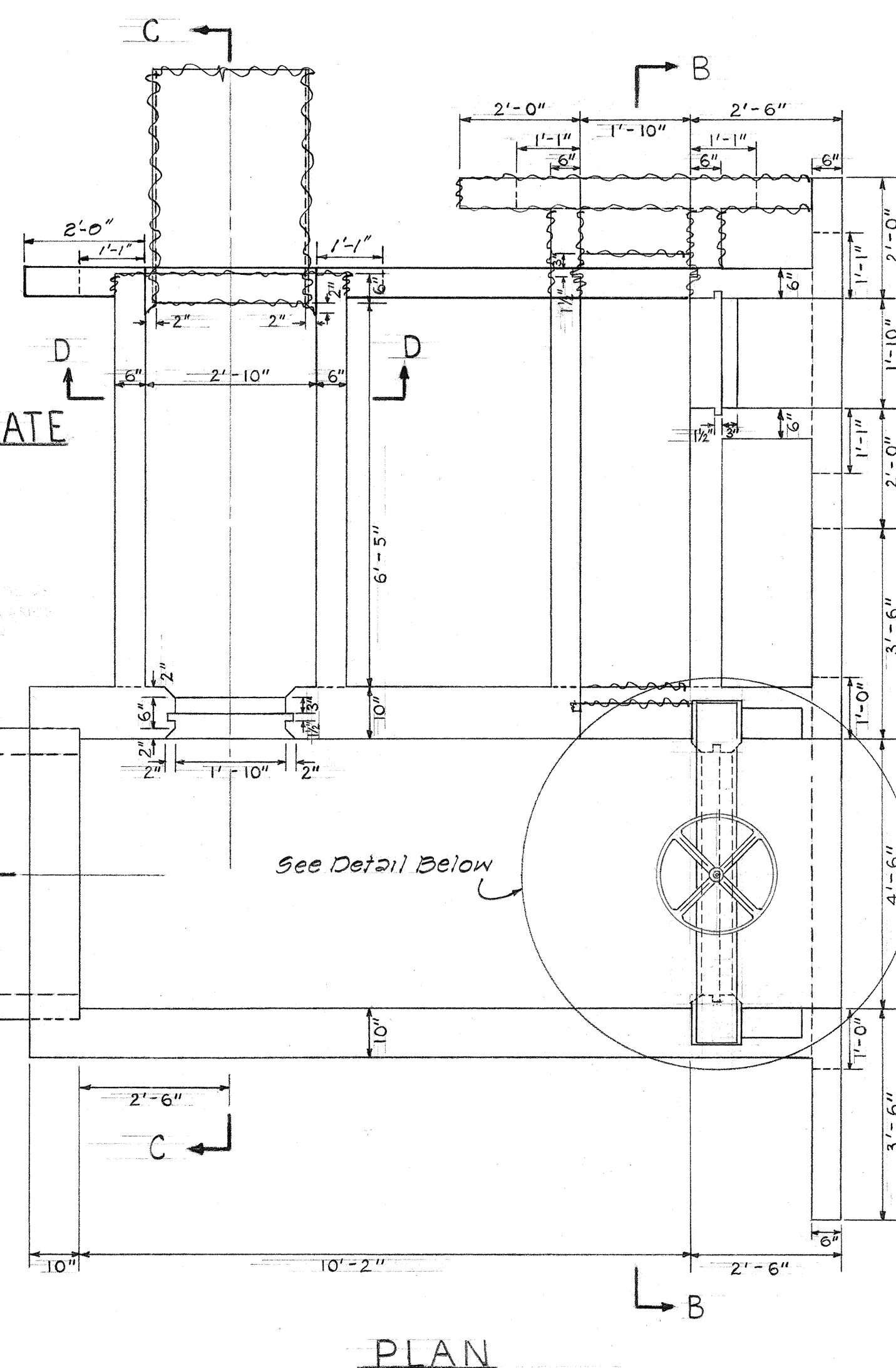
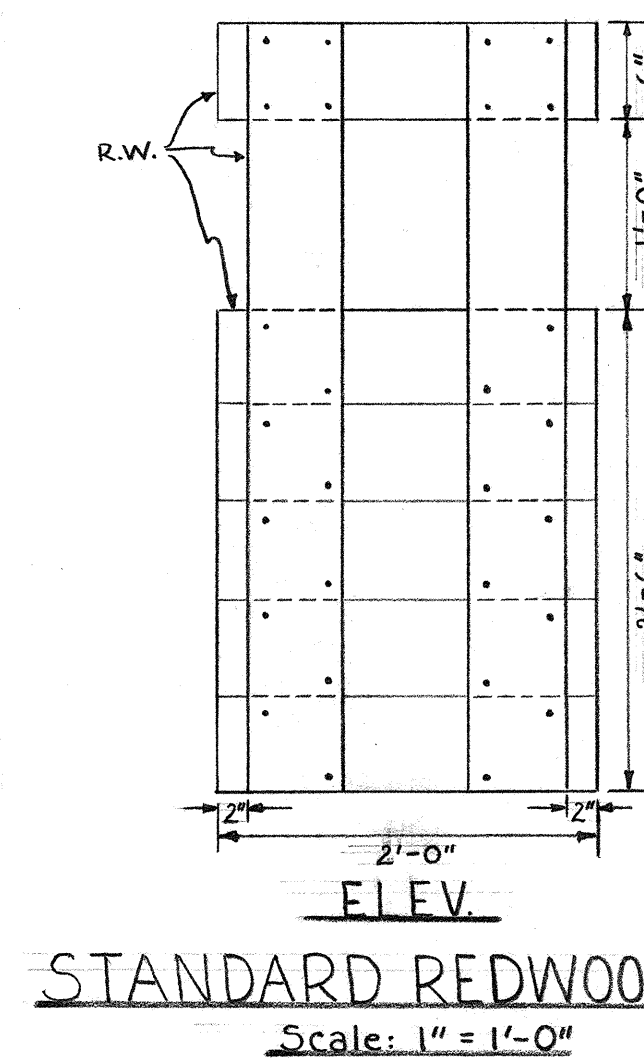
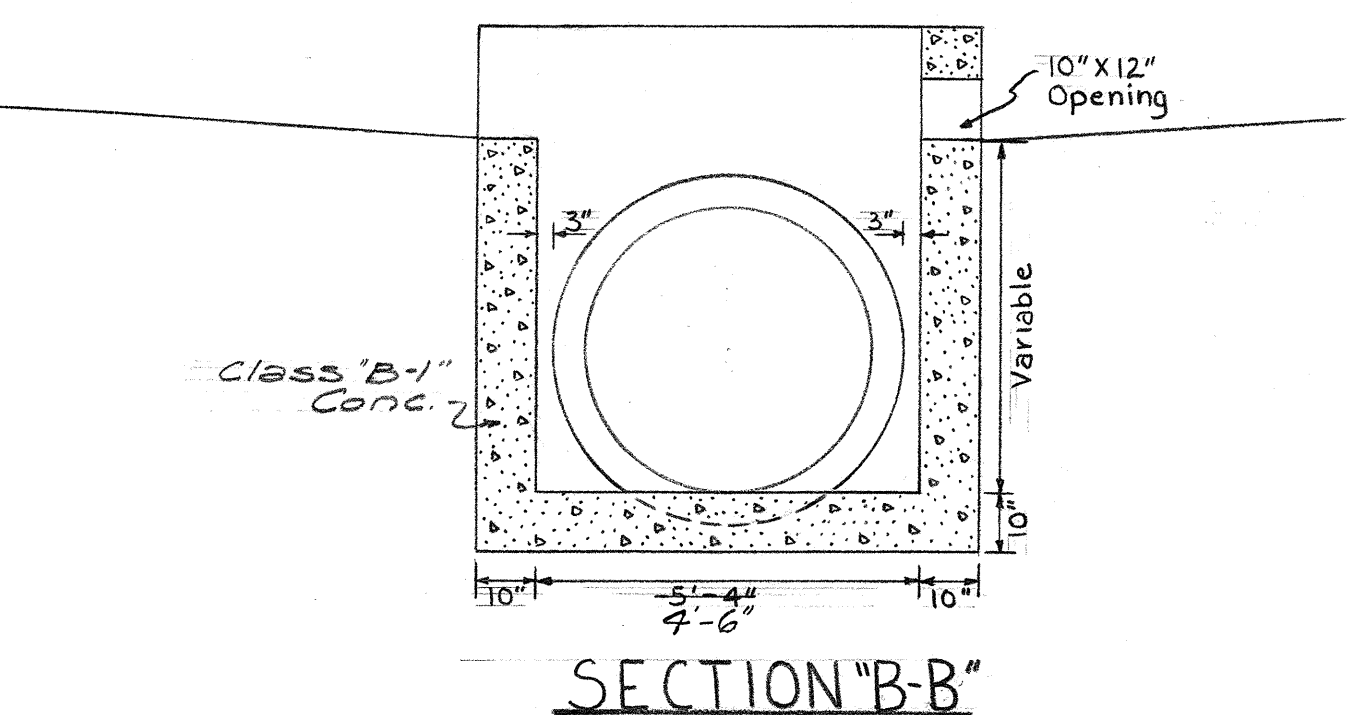
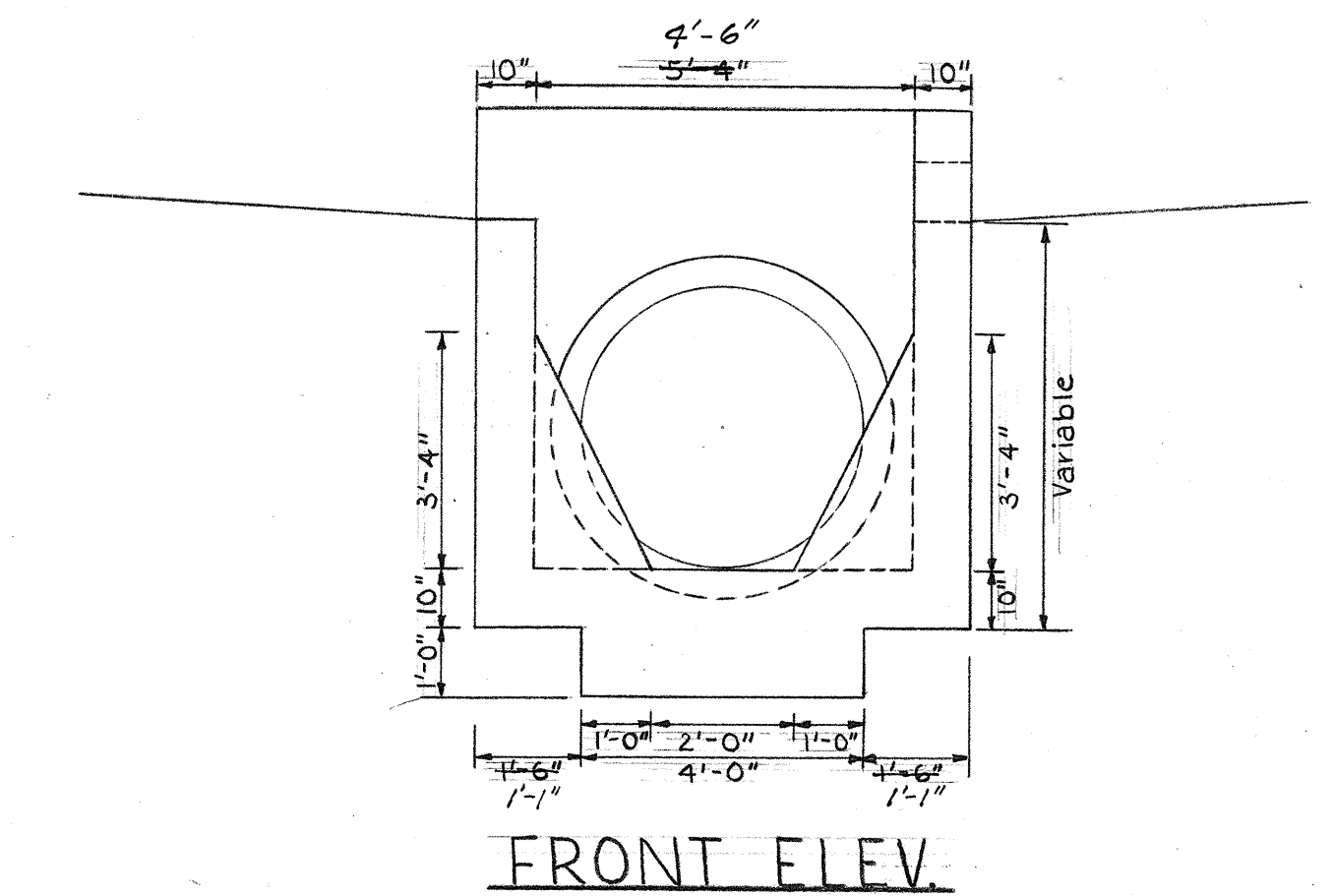
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STATE OF HAWAII
SIPHON DETAILS
AHUKINI ROAD
PROJECT NO. S-0570(1)
LIHUE, KAUAI
Scale: As Shown Date: May 1962

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	8-0870(1)	1964	81	47



DETAILS OF CONCRETE BOX INLET & OUTLET

Scale: 3/8" = 1'-0"



NOTES:

Contractor to furnish following:

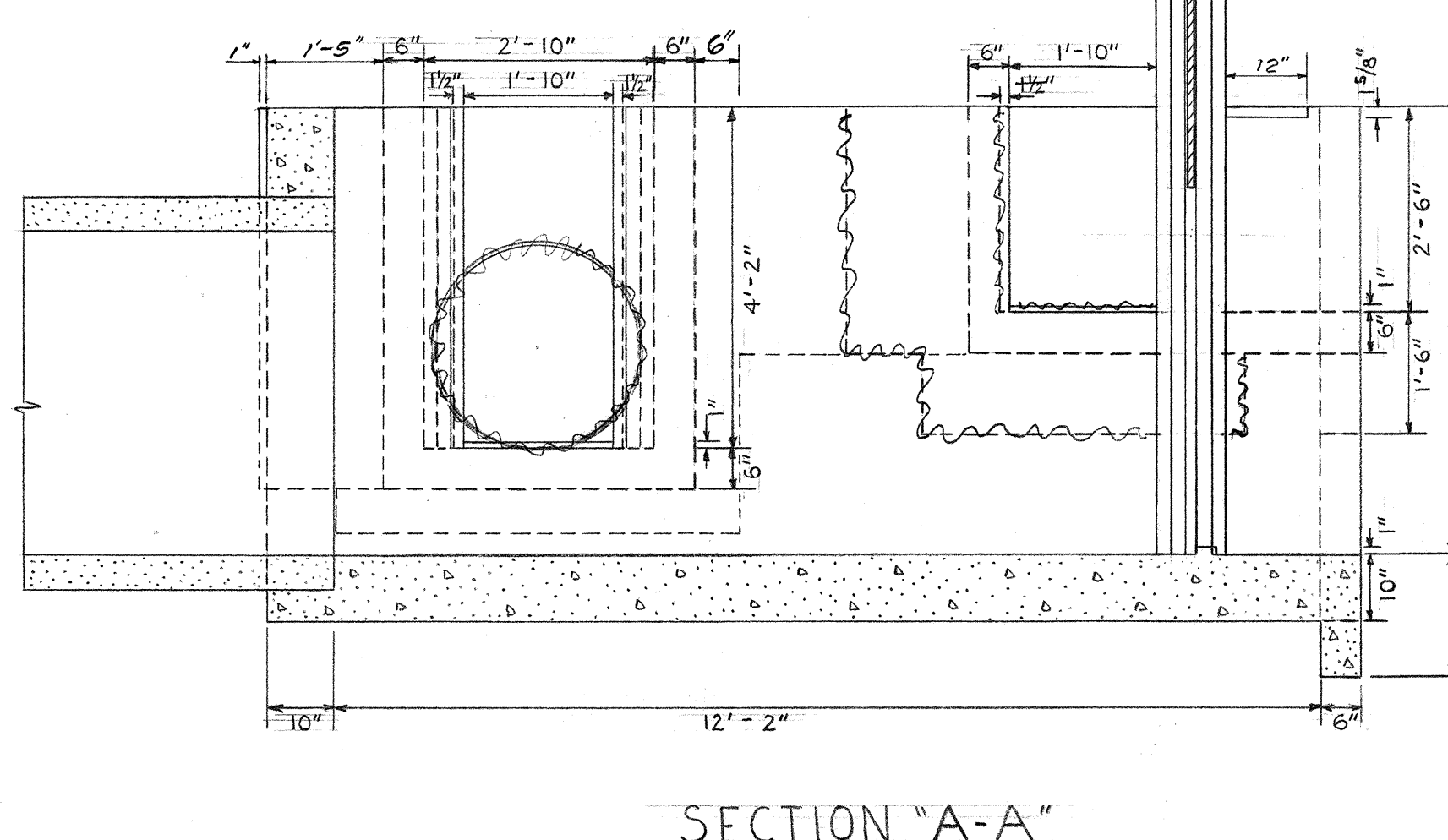
2 each Standard Redwood Gates.

8 pieces 1 1/2" x 6" x 2'-0" Redwood Slip Boards.

Lihue Plantation Co., Ltd. to furnish following:

1 only Hand Wheel Sluice Gate to be installed by Contractor complete in place.

All above to be considered incidental to Class "B-1" Concrete.



DETAILS OF TURNOUT AT STA 56+50

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

DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STATE OF HAWAII
IRRIGATION TURNOUT
& CONC. BOX DETAILS
AHUKINI ROAD
PROJECT NO. S-0570(1)
LIHUE, KAUAI
Scale: As shown Date: May 1962

SHEET NO. OF SHEETS