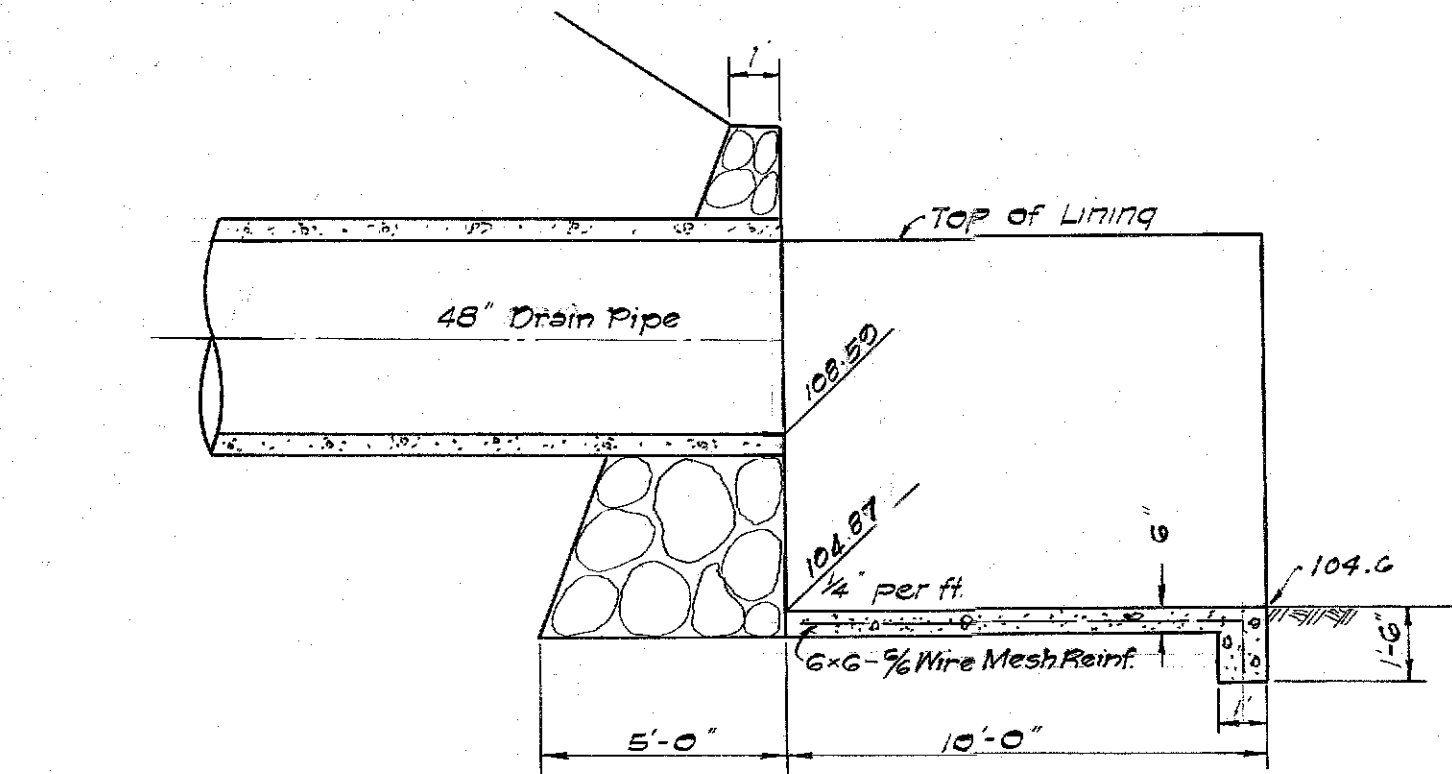
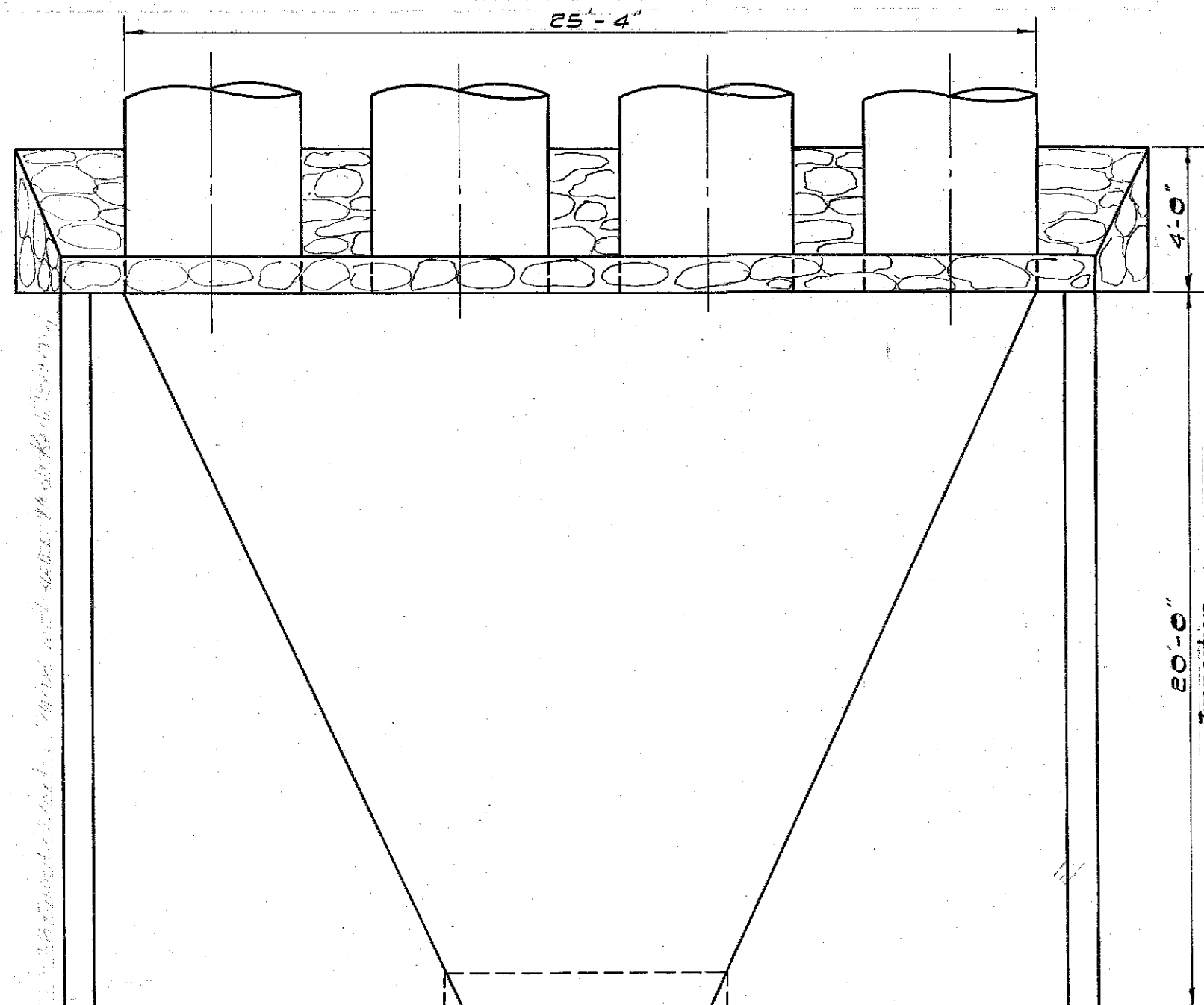
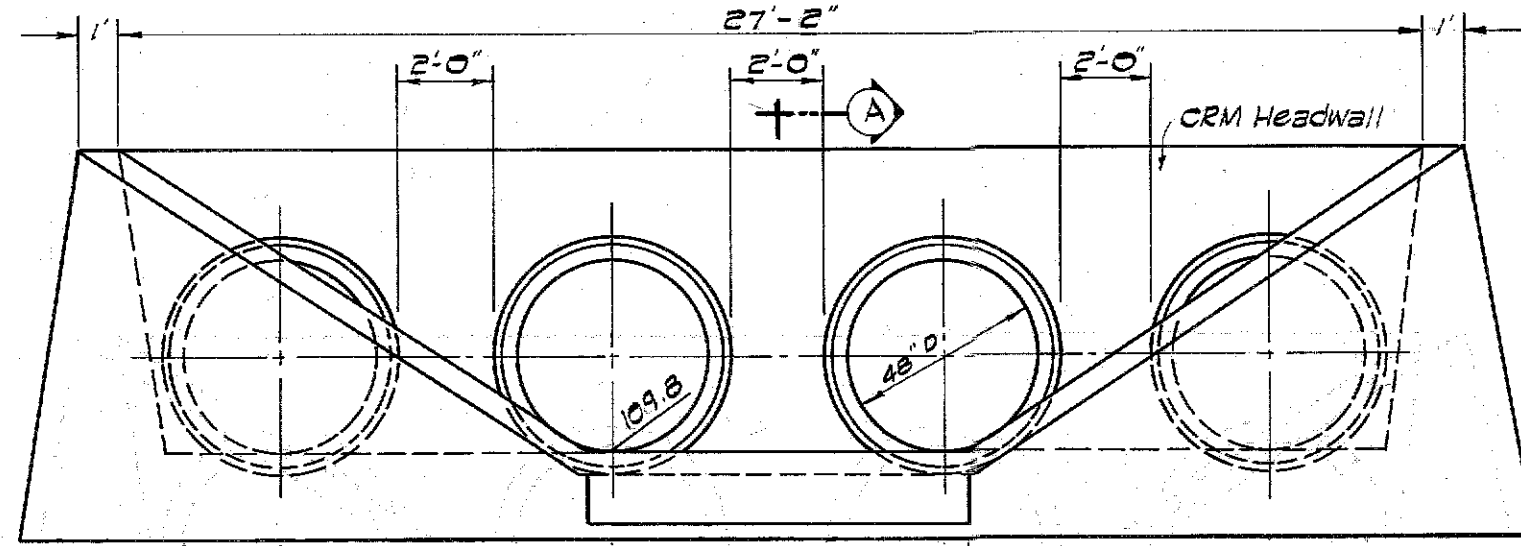


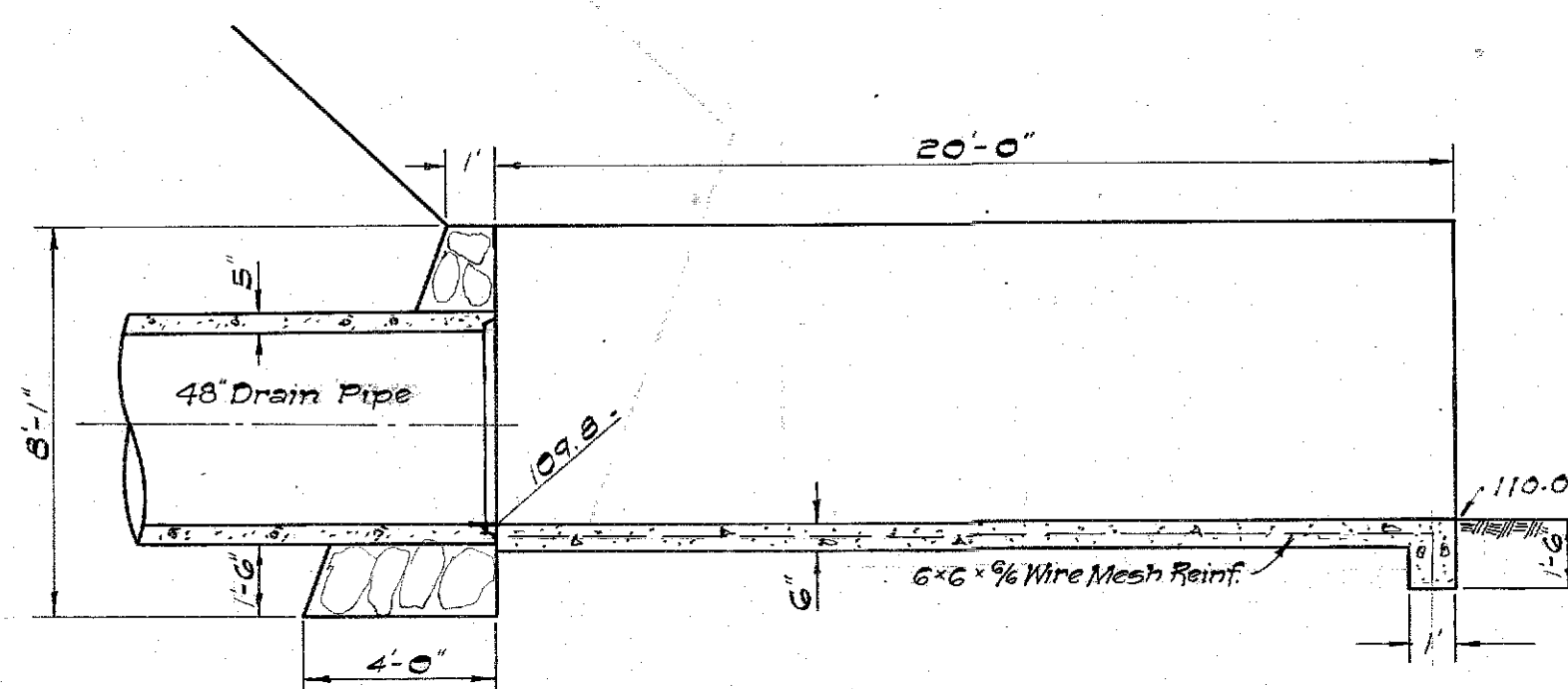


SECTION B

ELEVATION - ENTRANCE

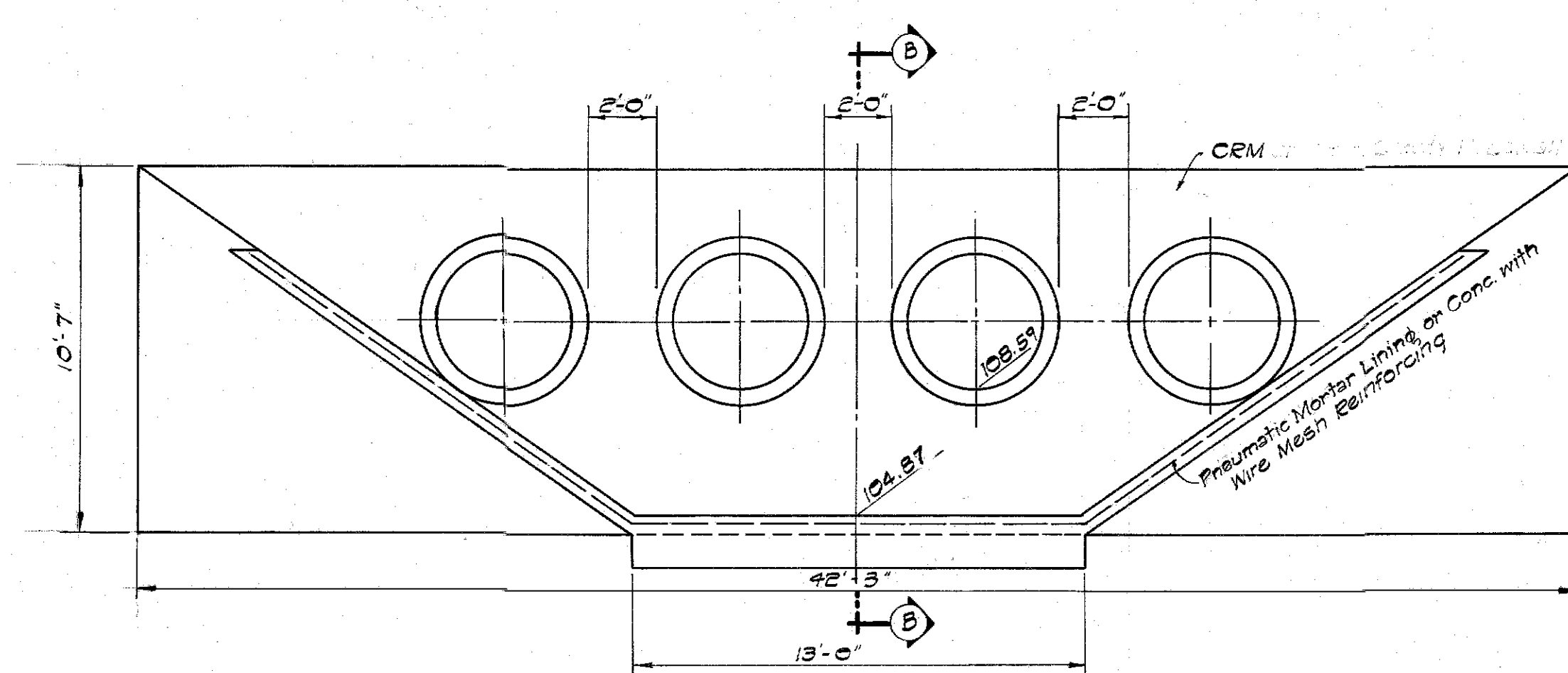


PLAN - ENTRANCE

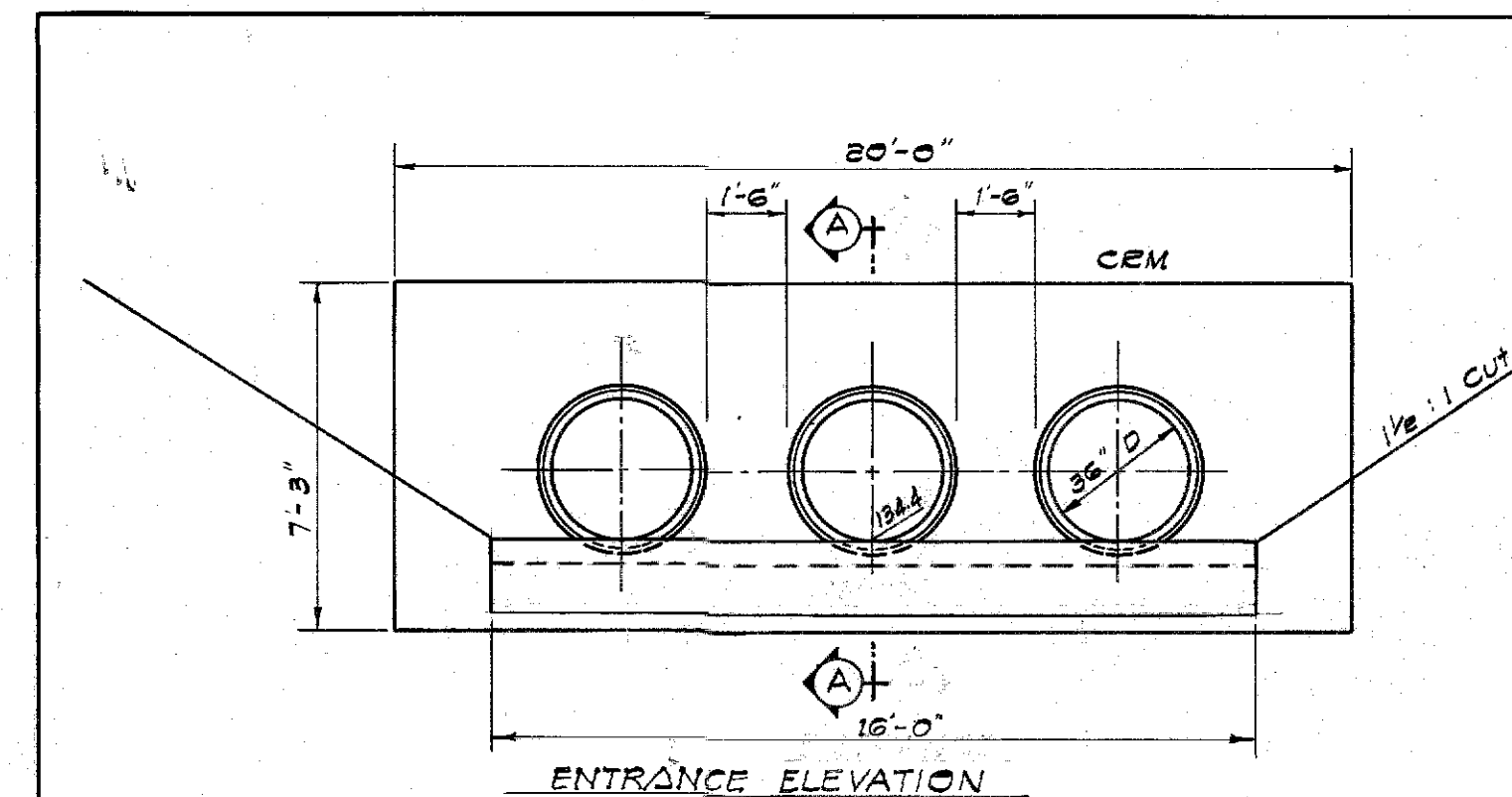


SECTION A

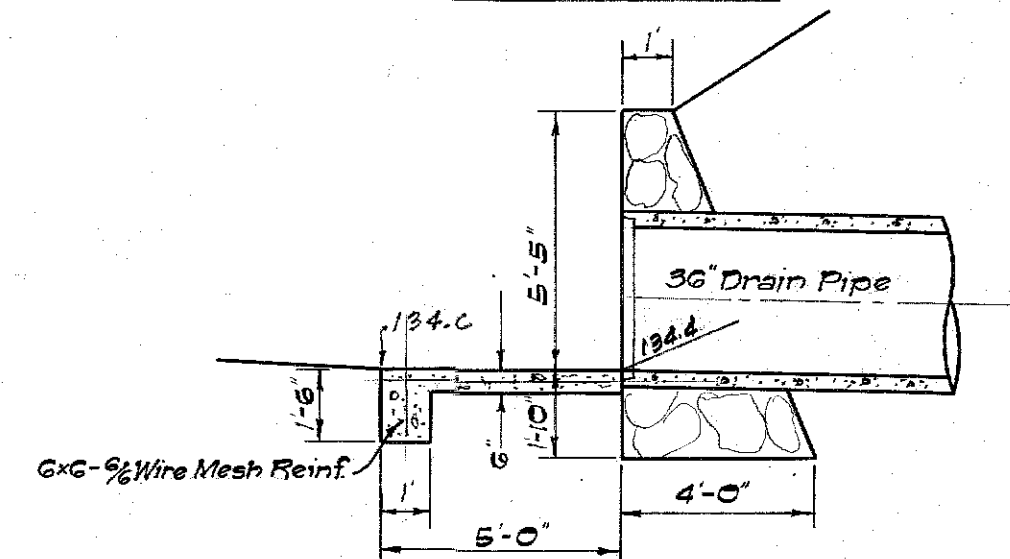
STATION 9+85
Scale: 1/4" = 1'-0"



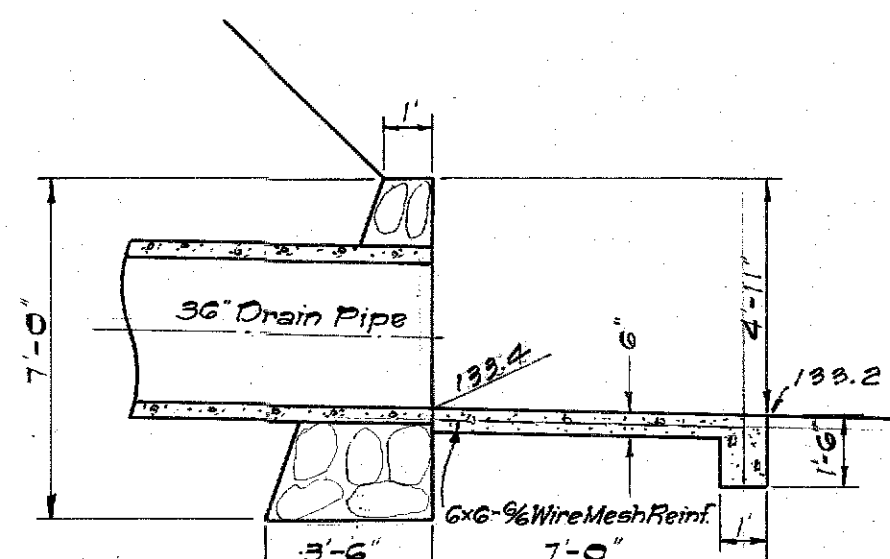
ELEVATION - EXIT



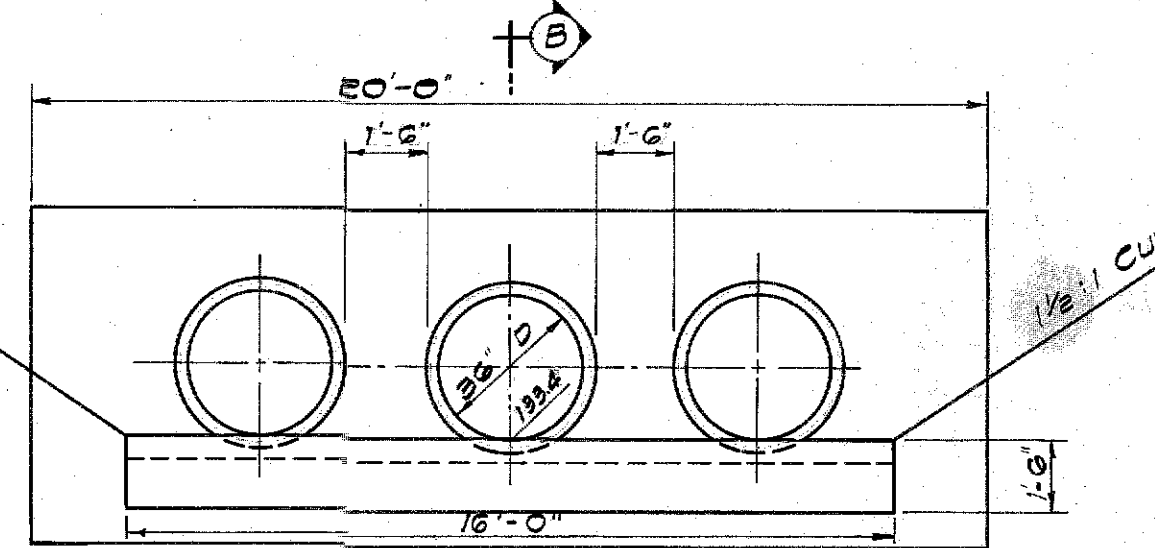
ENTRANCE ELEVATION



SECTION A

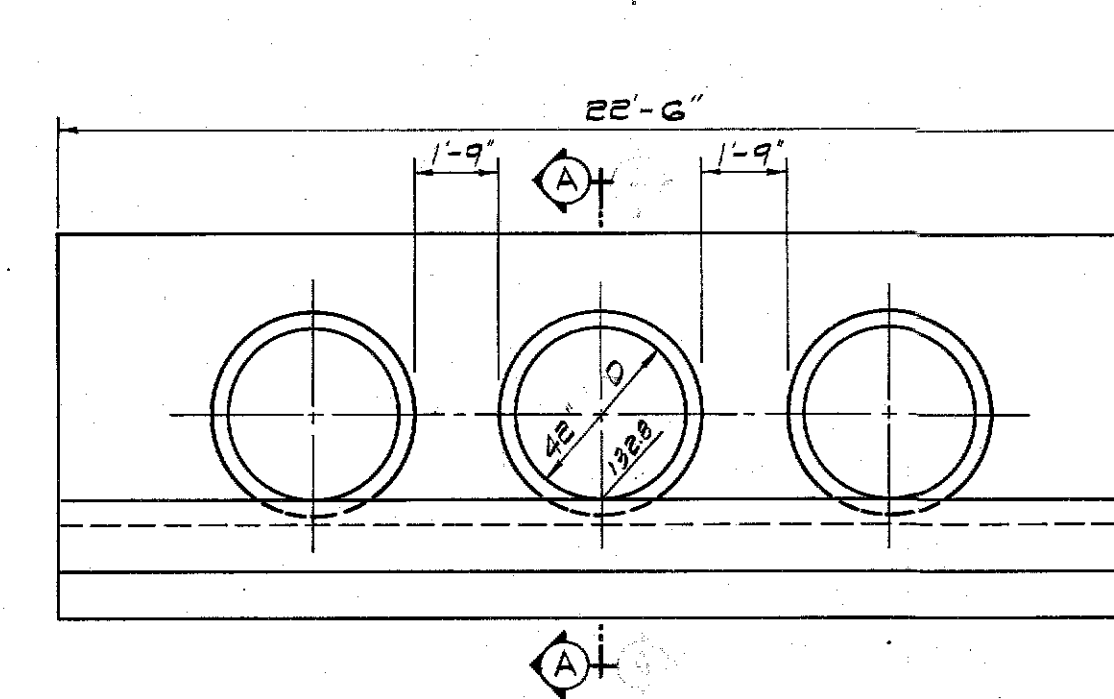


SECTION B

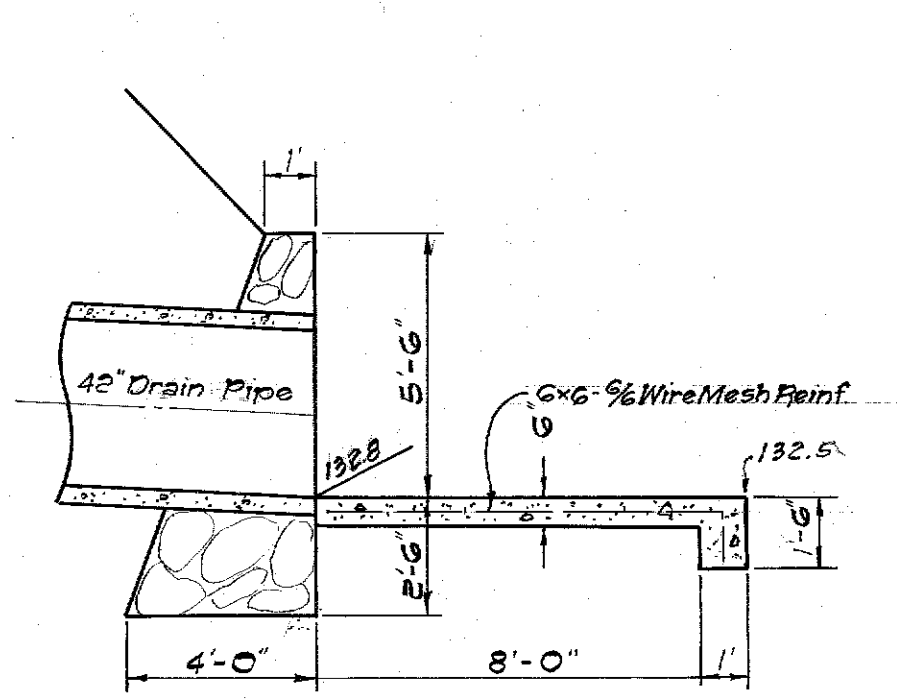


ELEVATION - EXIT

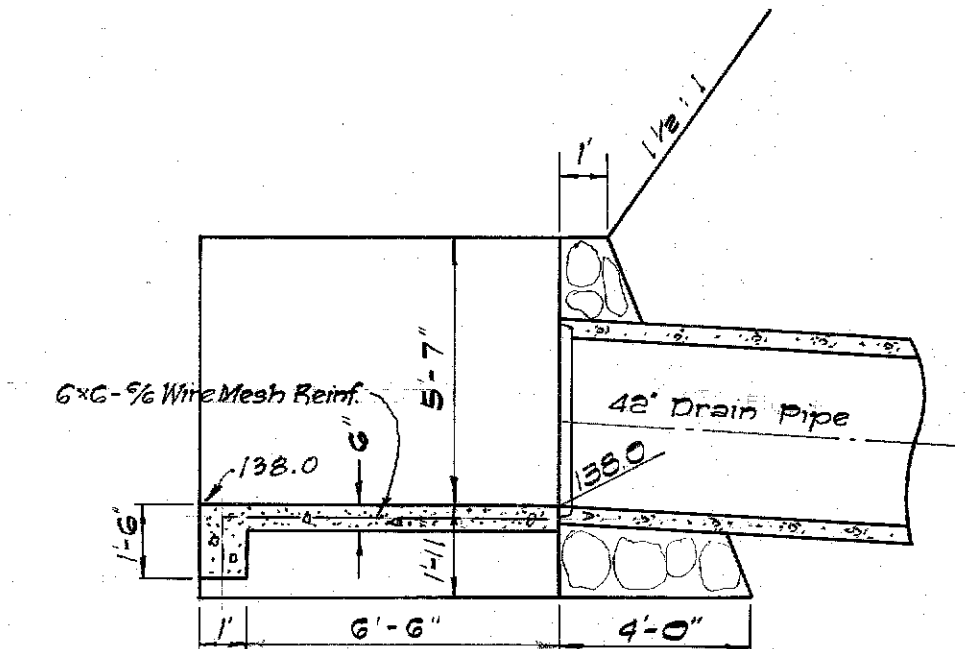
STATION 35+44
Scale: 1/4" = 1'-0"



ELEVATION - EXIT



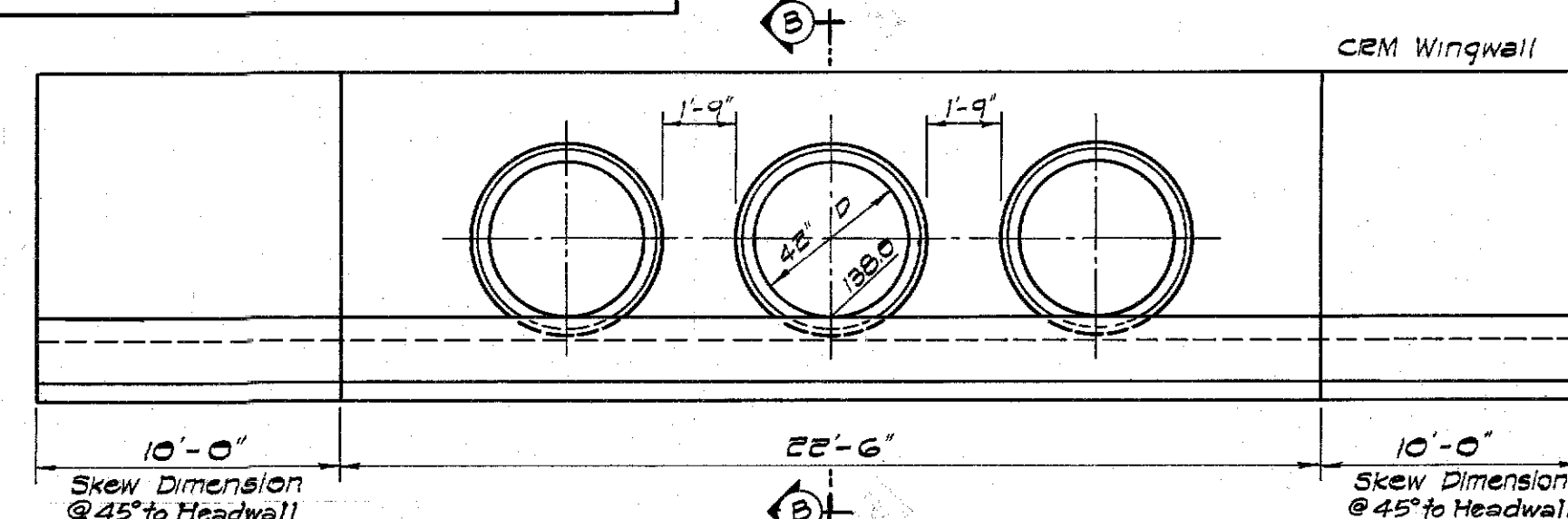
SECTION A



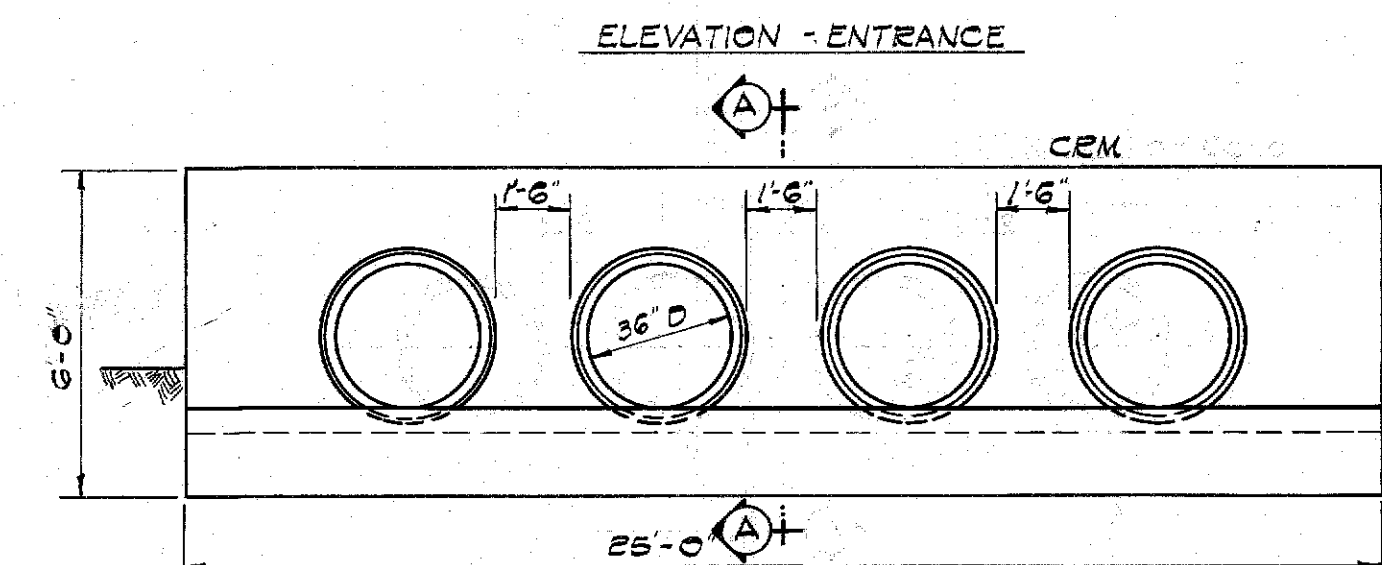
SECTION B

STATION 44+50

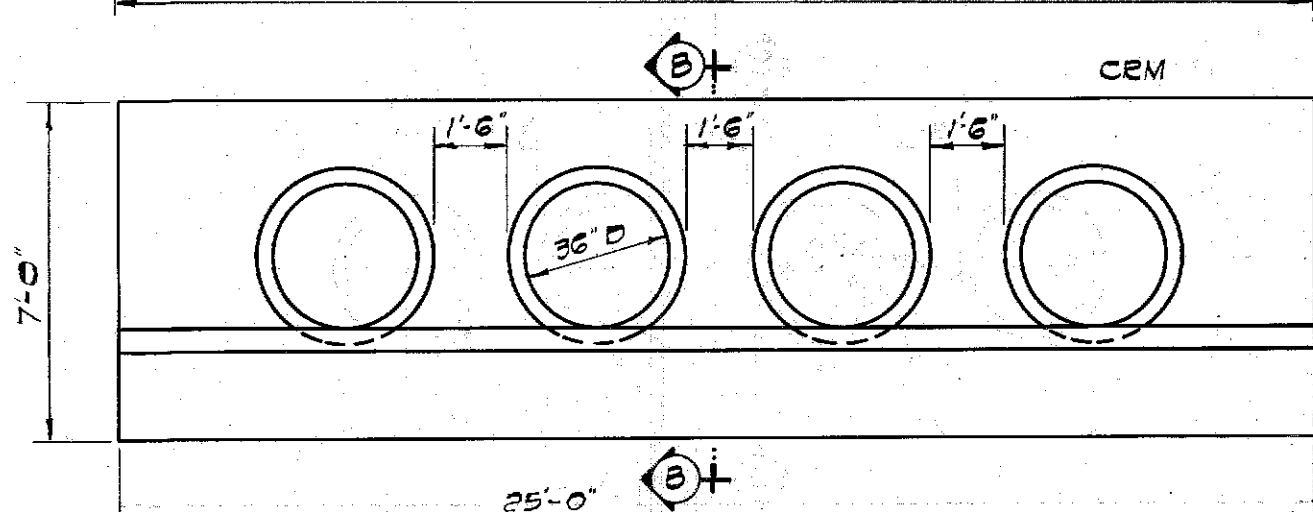
Scale: 1/4" = 1'-0"



ELEVATION - ENTRANCE



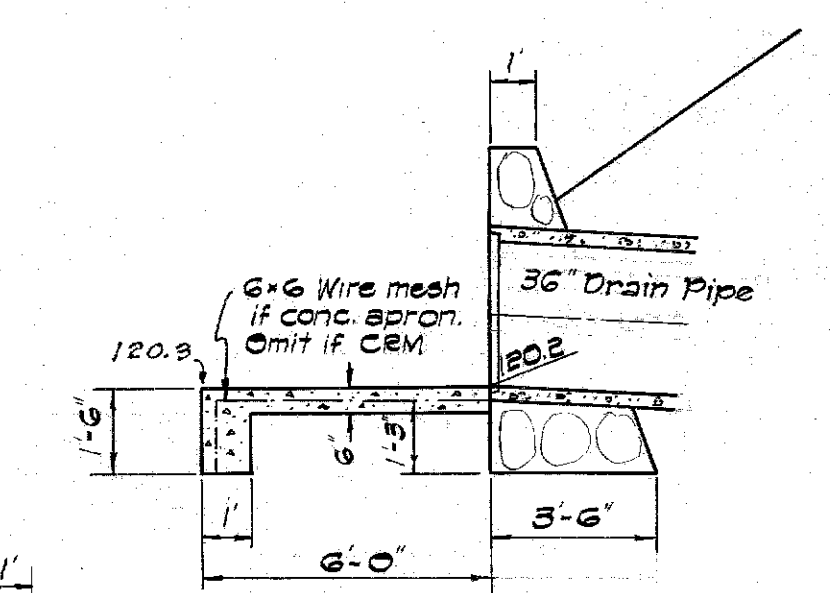
ELEVATION - ENTRANCE



ELEVATION - EXIT

Apron detail same as entrance apron. Elev. at end = 109.2

SECTION B



SECTION A

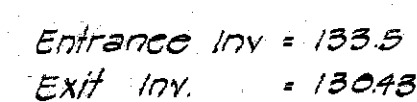
PROPERTY OF DIVISION OF ENGINEERING

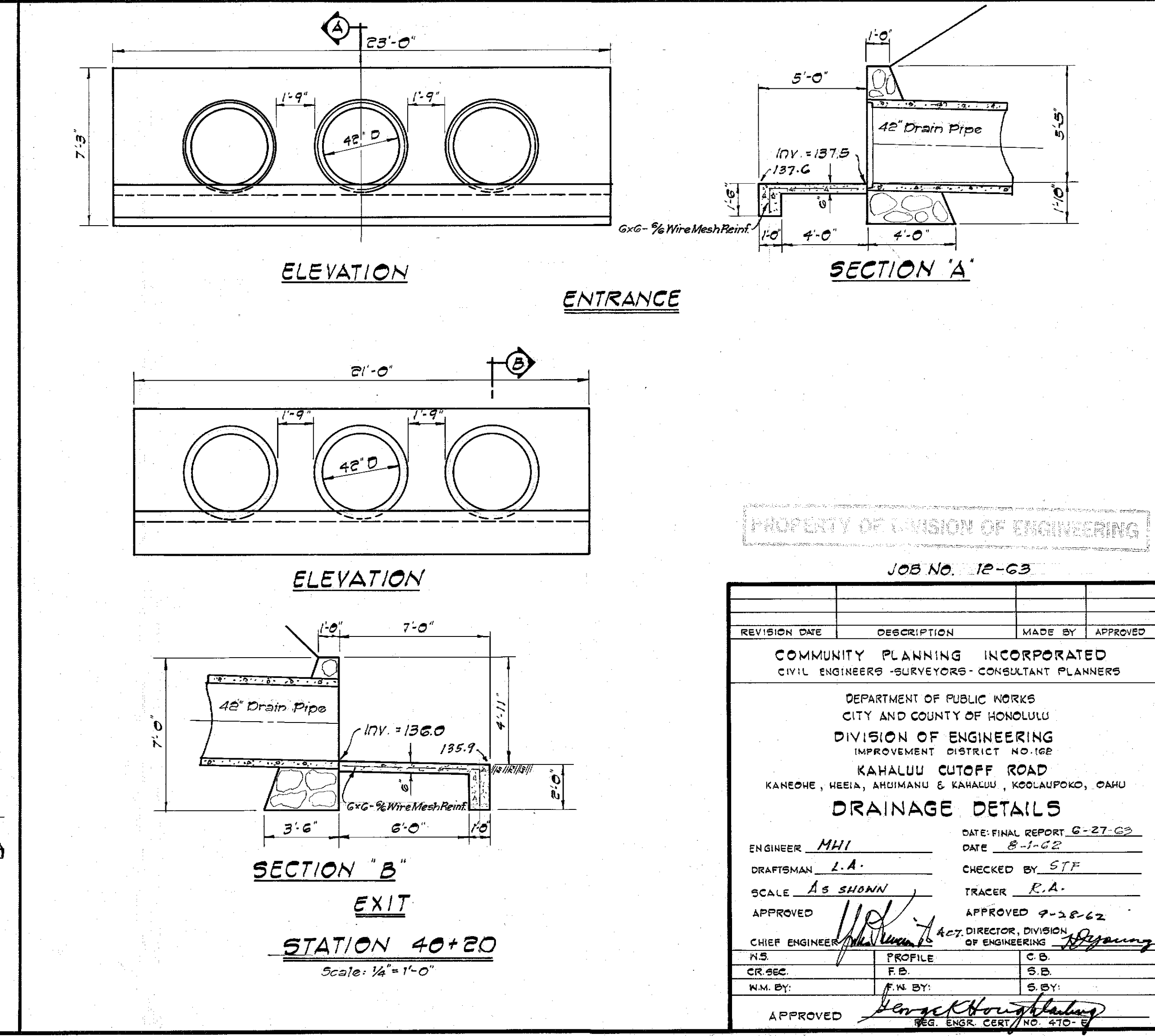
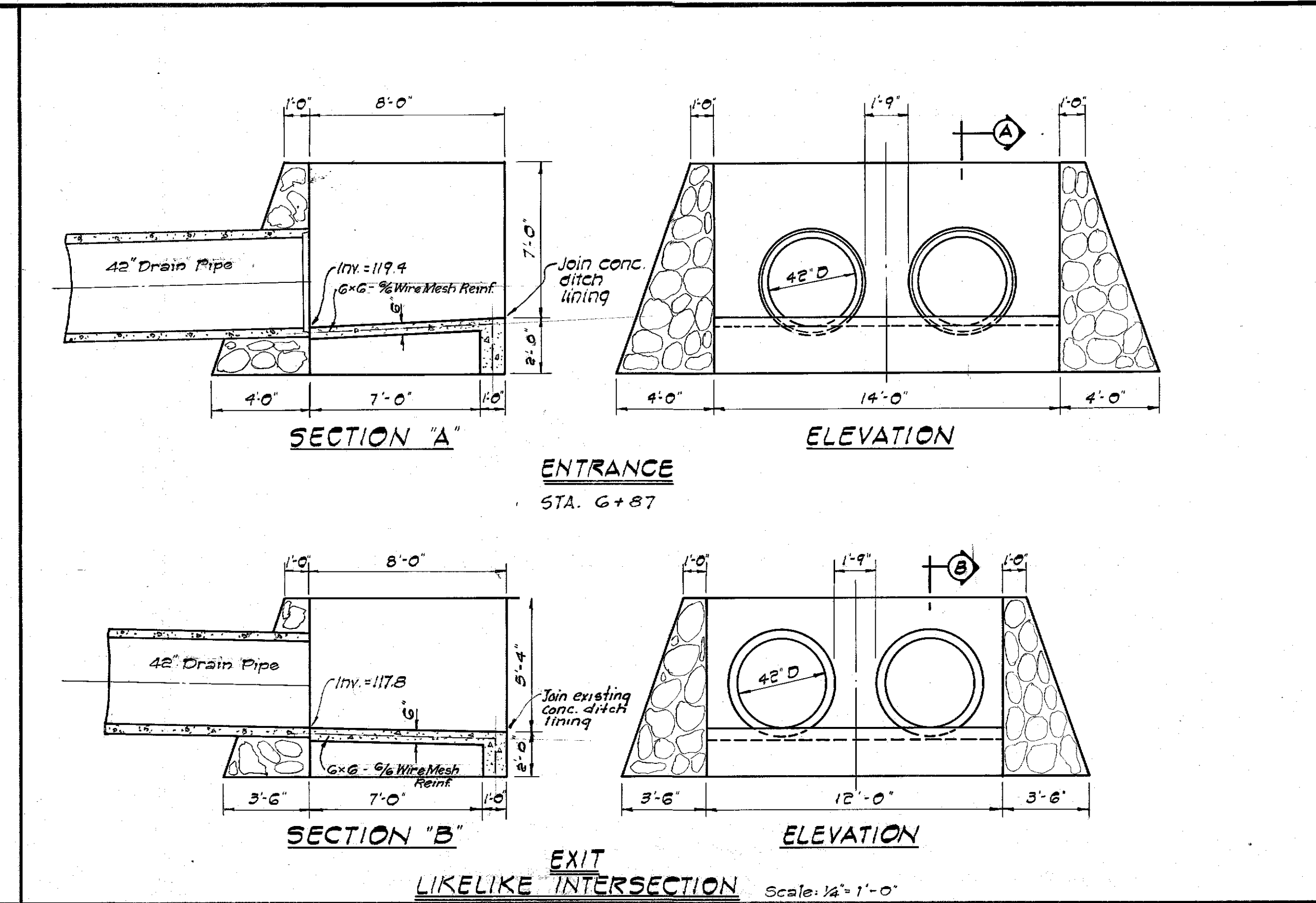
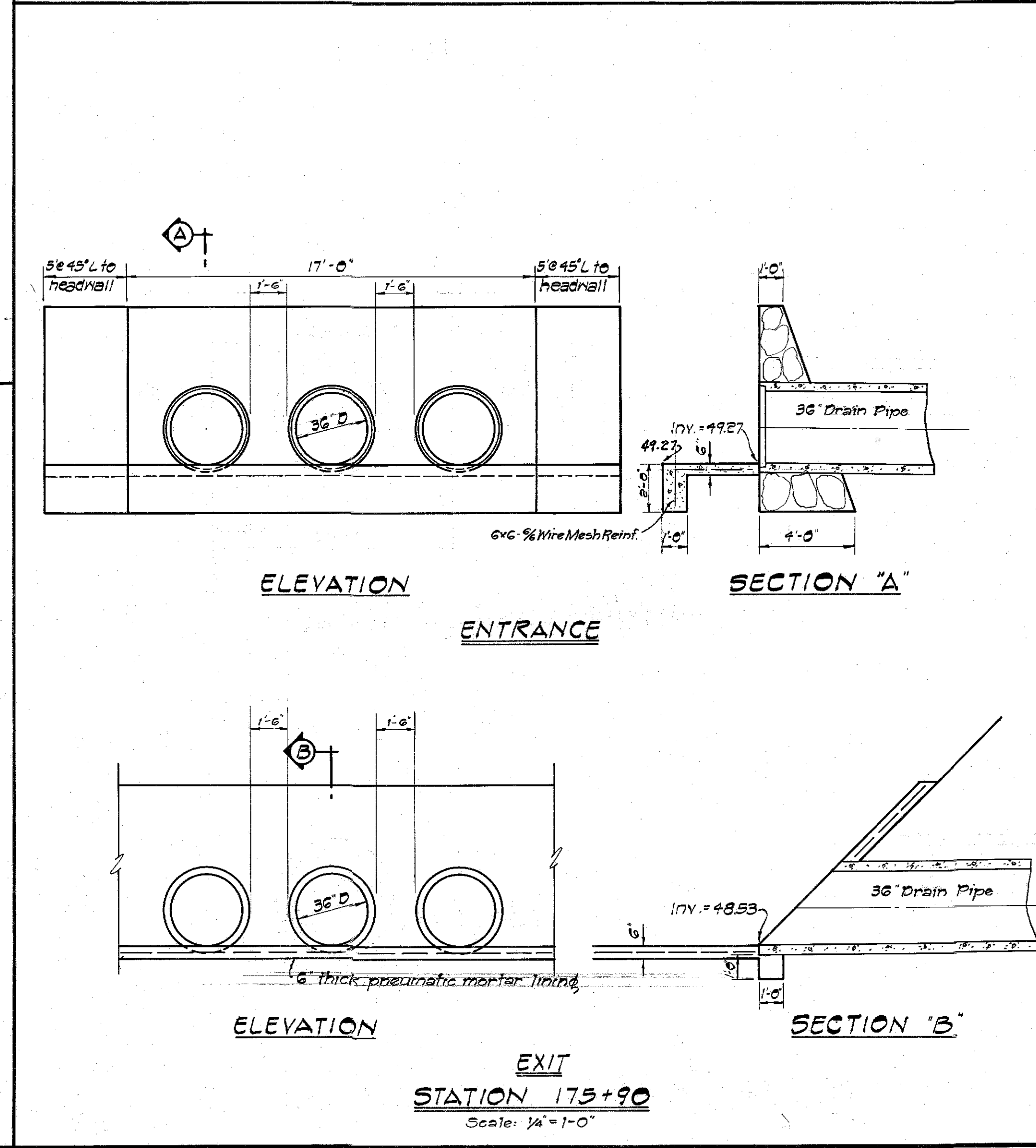
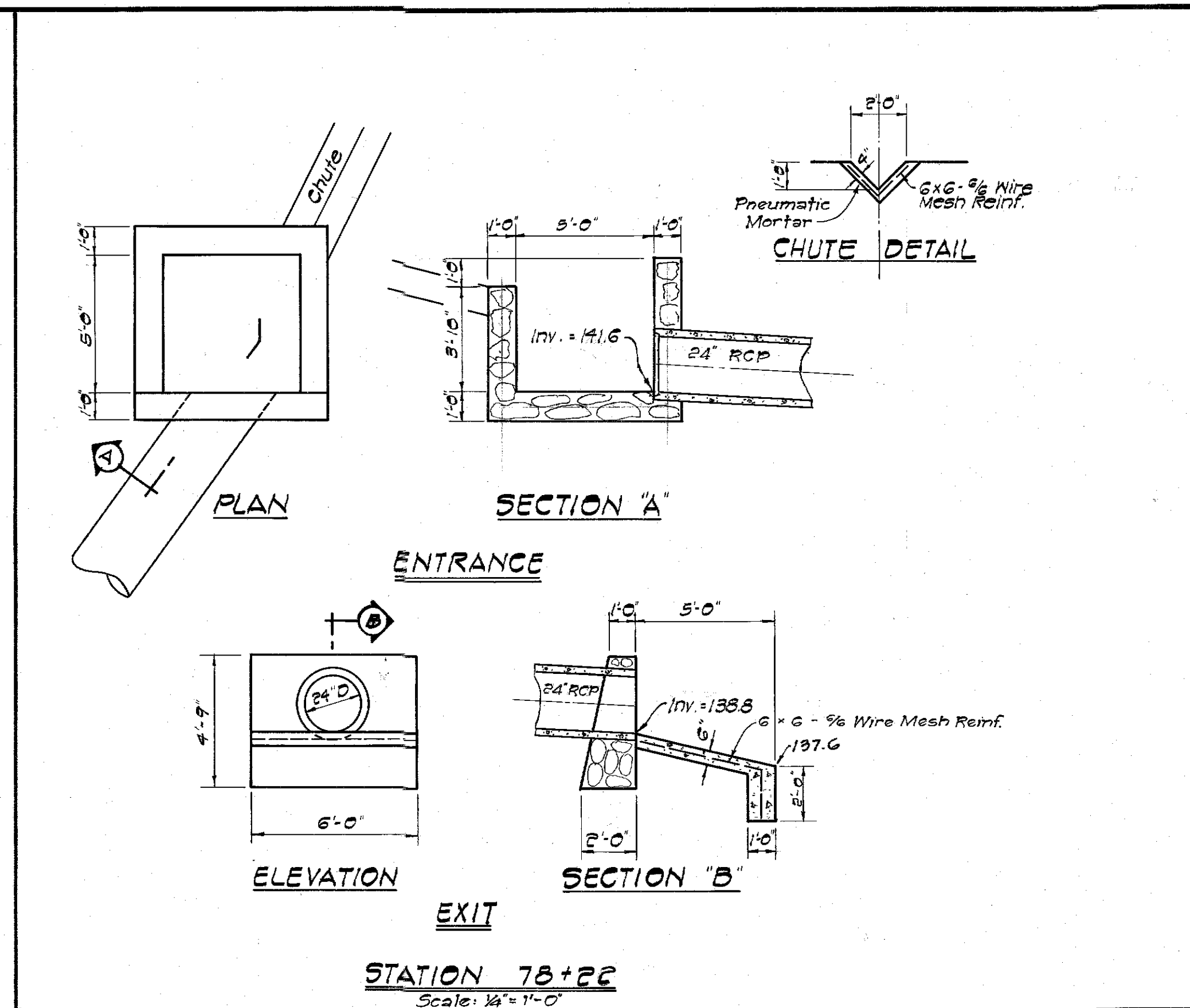
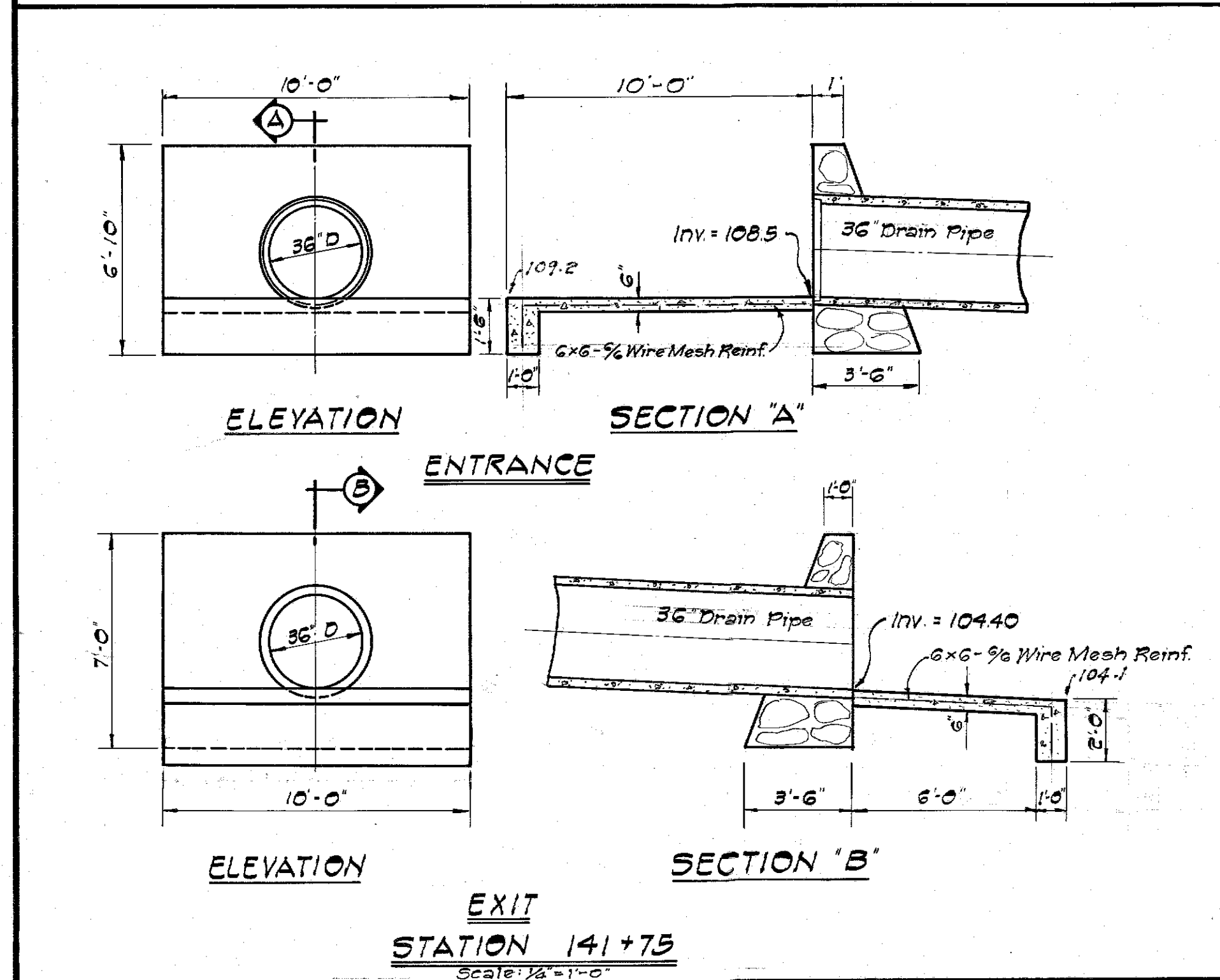
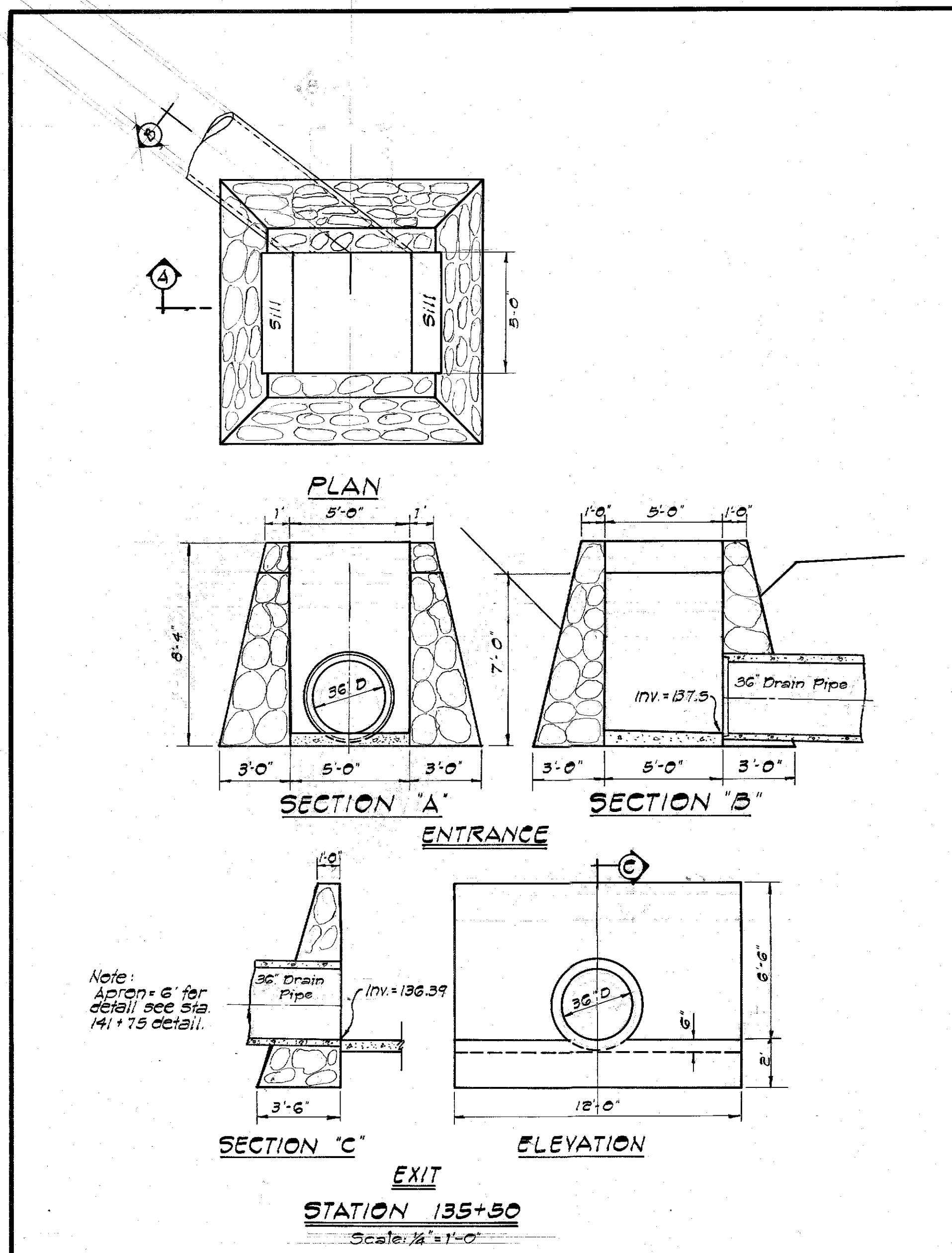
STATION 83+50

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

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. 168			
KAHALU GUTOFF ROAD			
KANEHOE, HAWAII, AHIHAMA & KAHALU, KODLAPOKO, OAHU			
DRAINAGE DETAILS			
ENGINEER	M.H.I.	DATE FINAL REPORT	6-21-62
DRAFTSMAN	R.A.	DATE	6-1-62
SCALE	AS SHOWN	CHECKED BY	S.T.
APPROVED		TRACER	L.A.
CHIEF ENGINEER		APPROVED	9-28-62
CR. SEC.	FS	OF ENGINEERING	
W.M. BY	F.W. BY	S. BY	
APPROVED			





PROPERTY OF DIVISION OF ENGINEERING

JOB NO. 12-G3

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

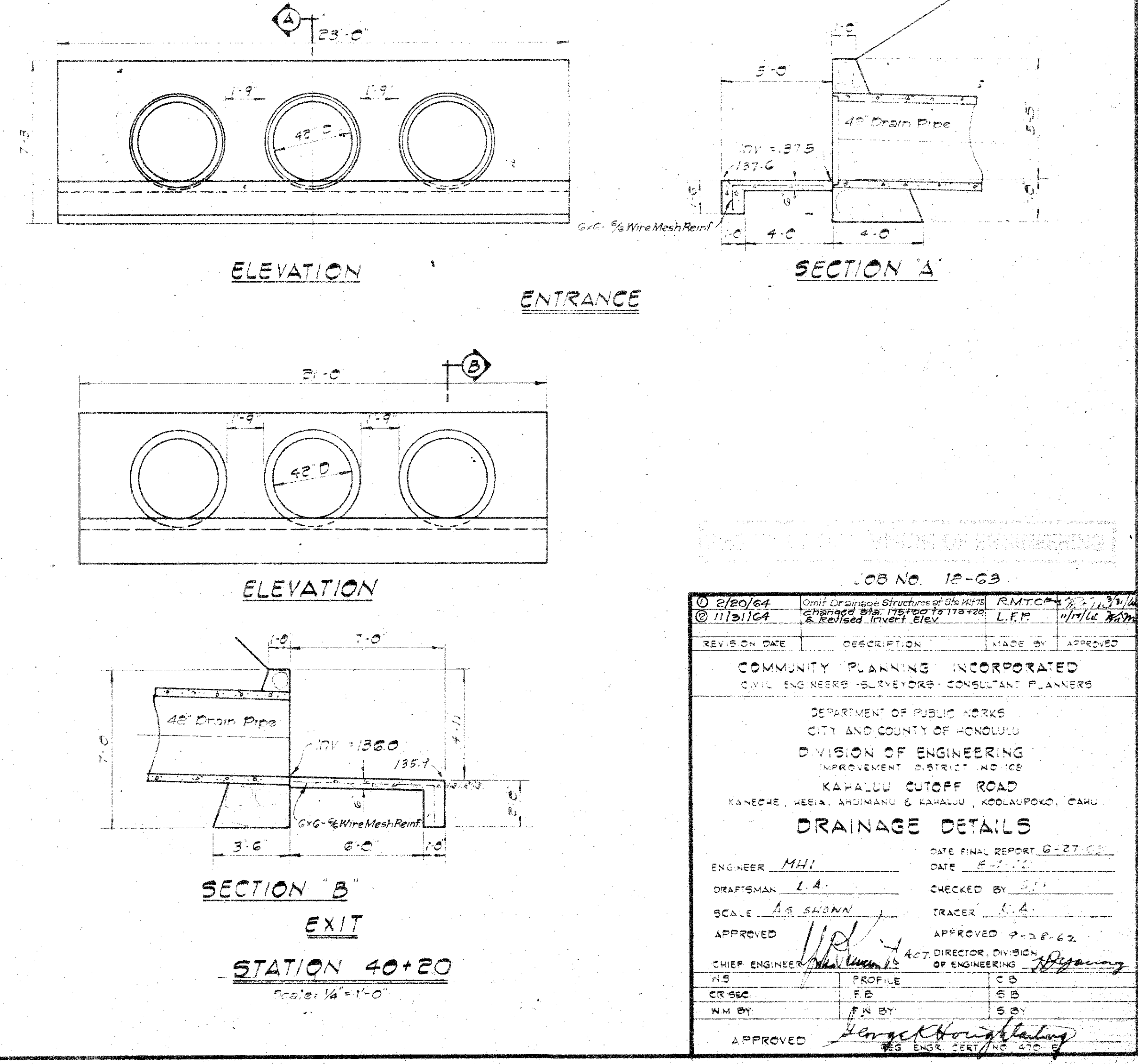
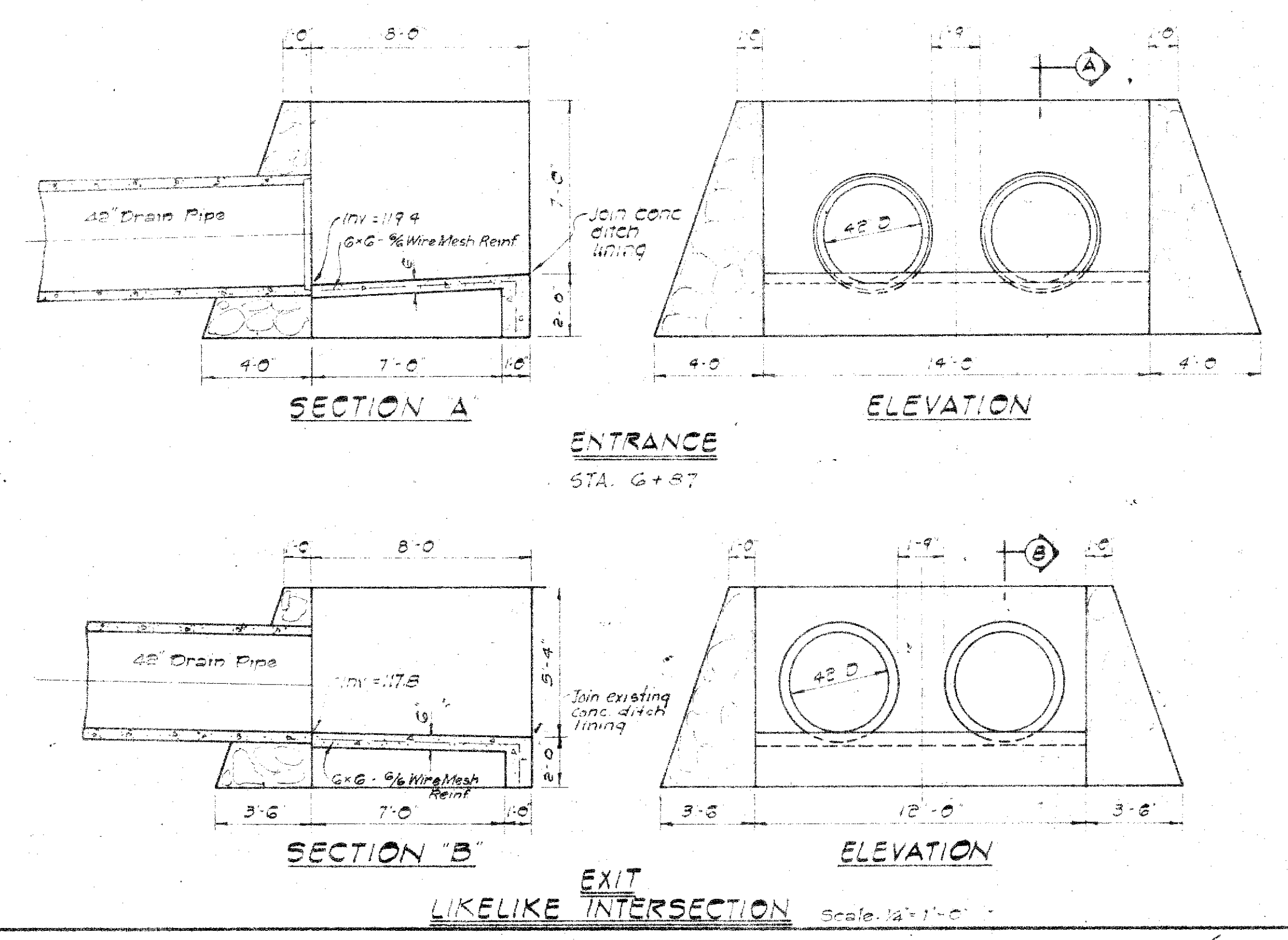
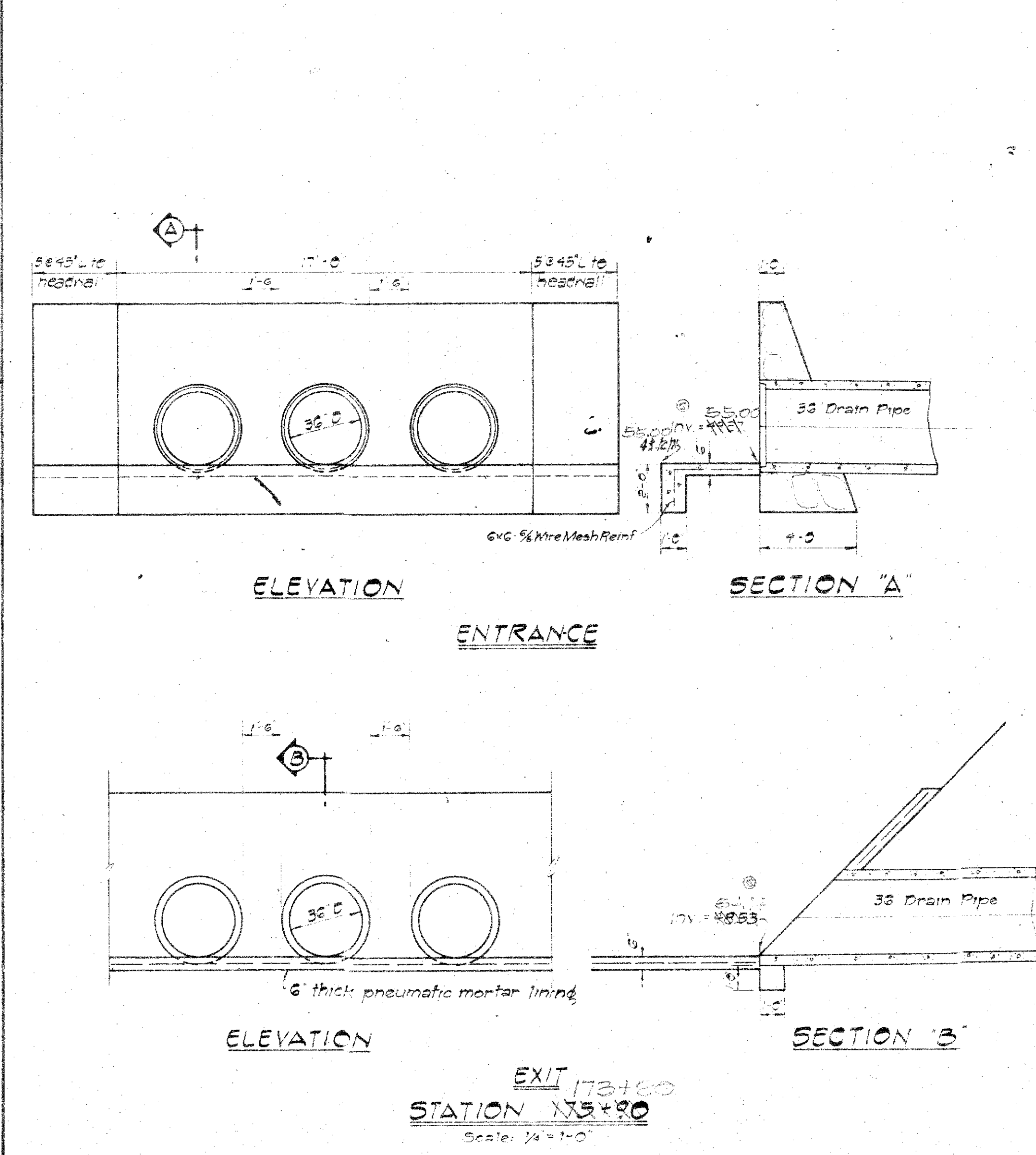
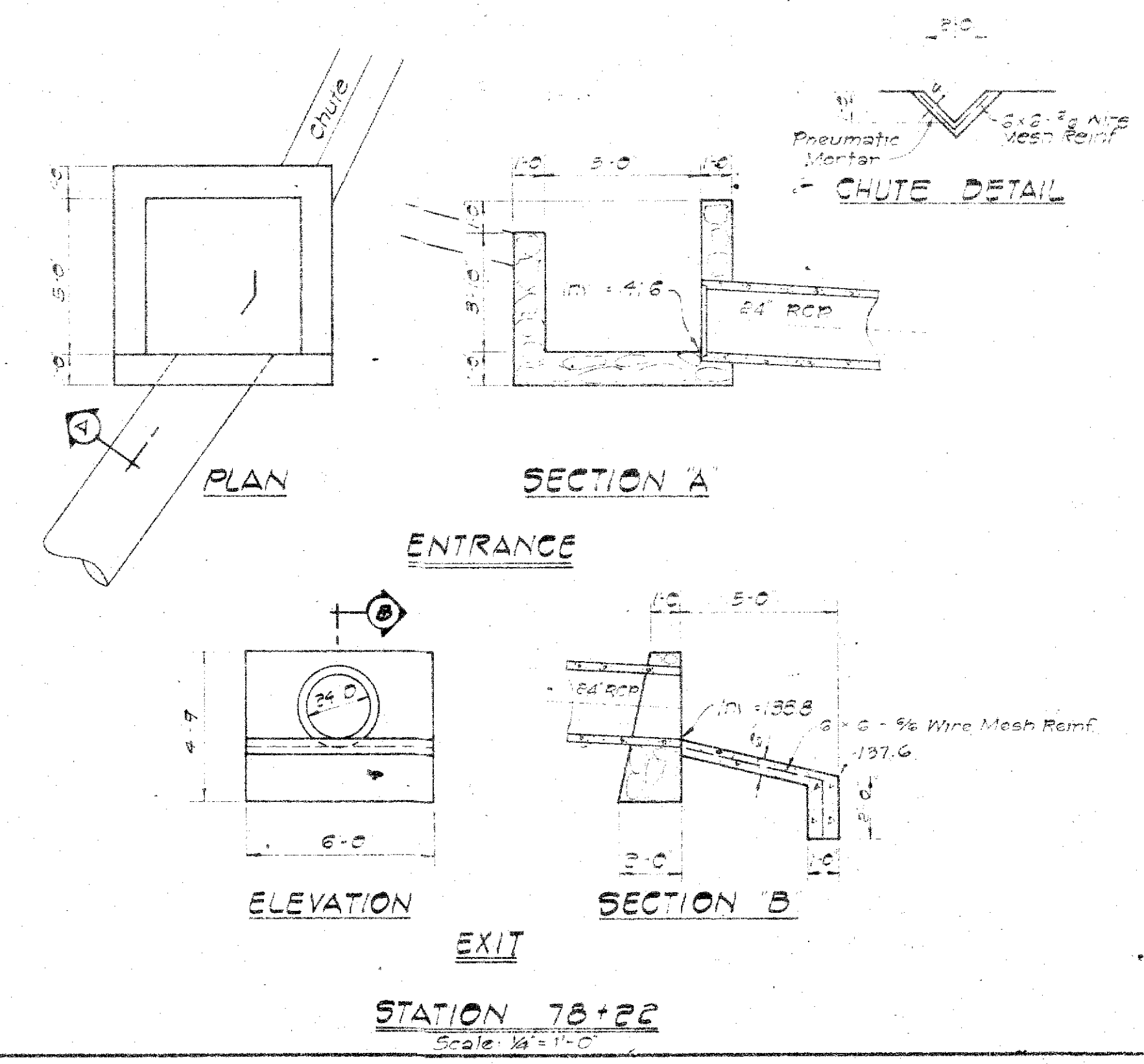
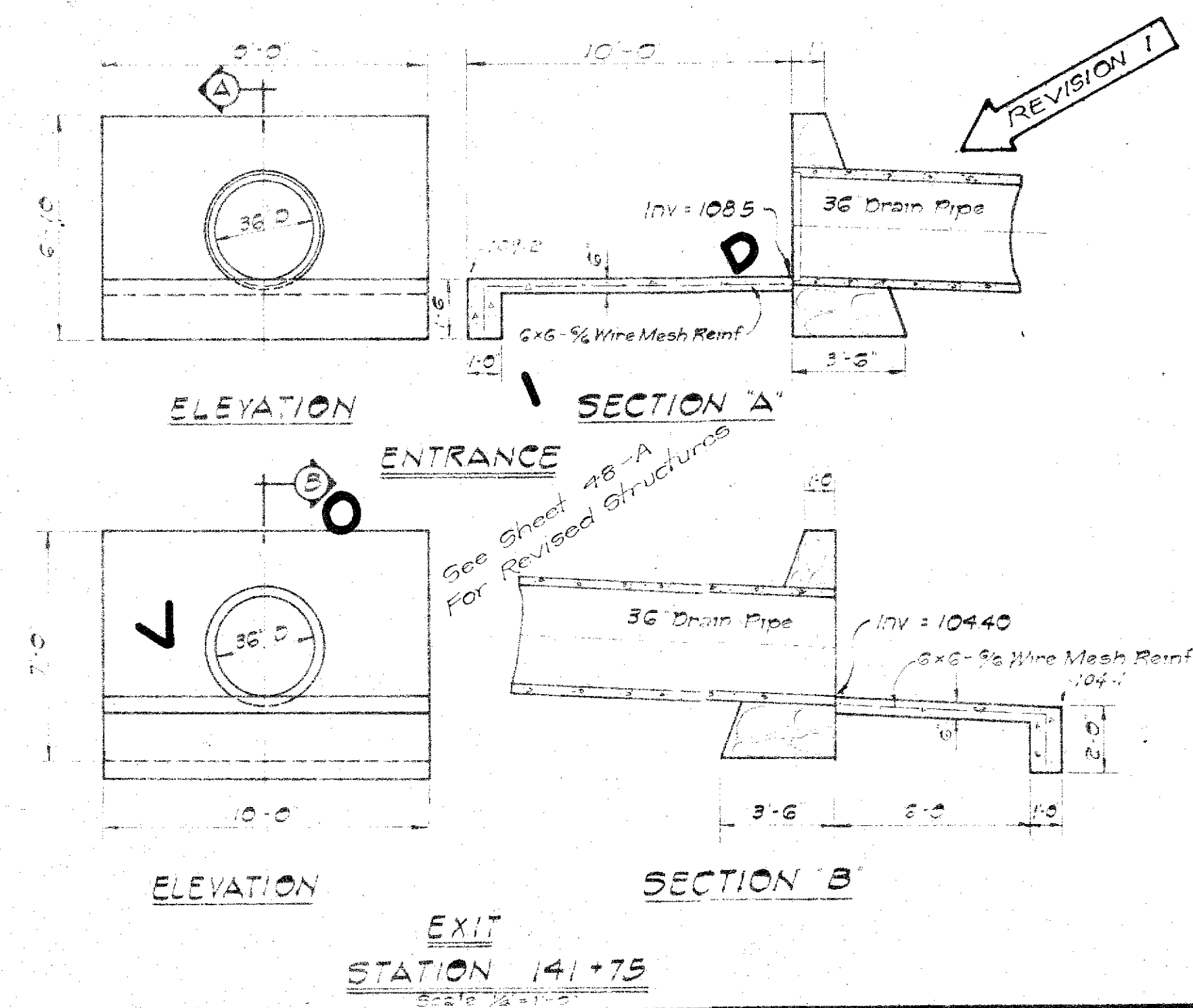
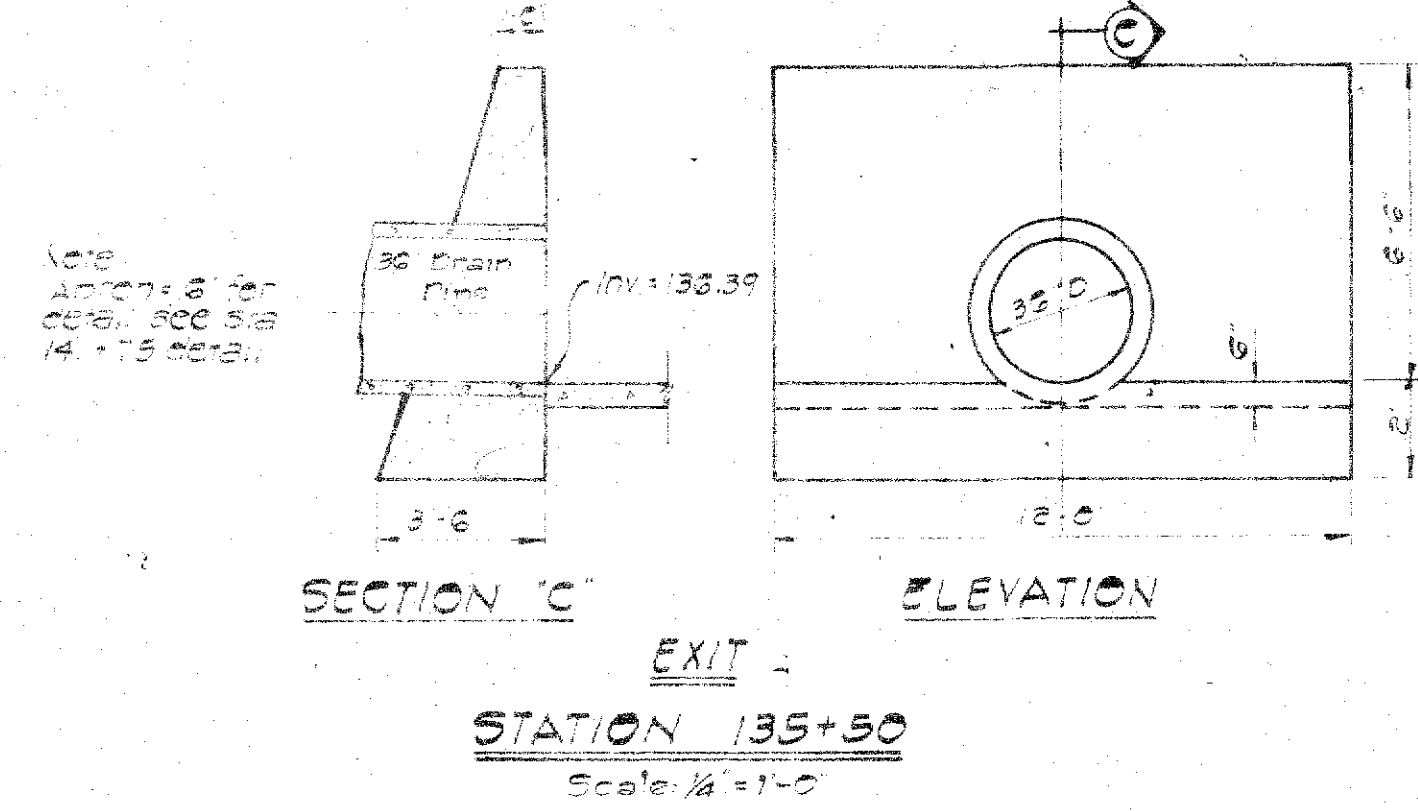
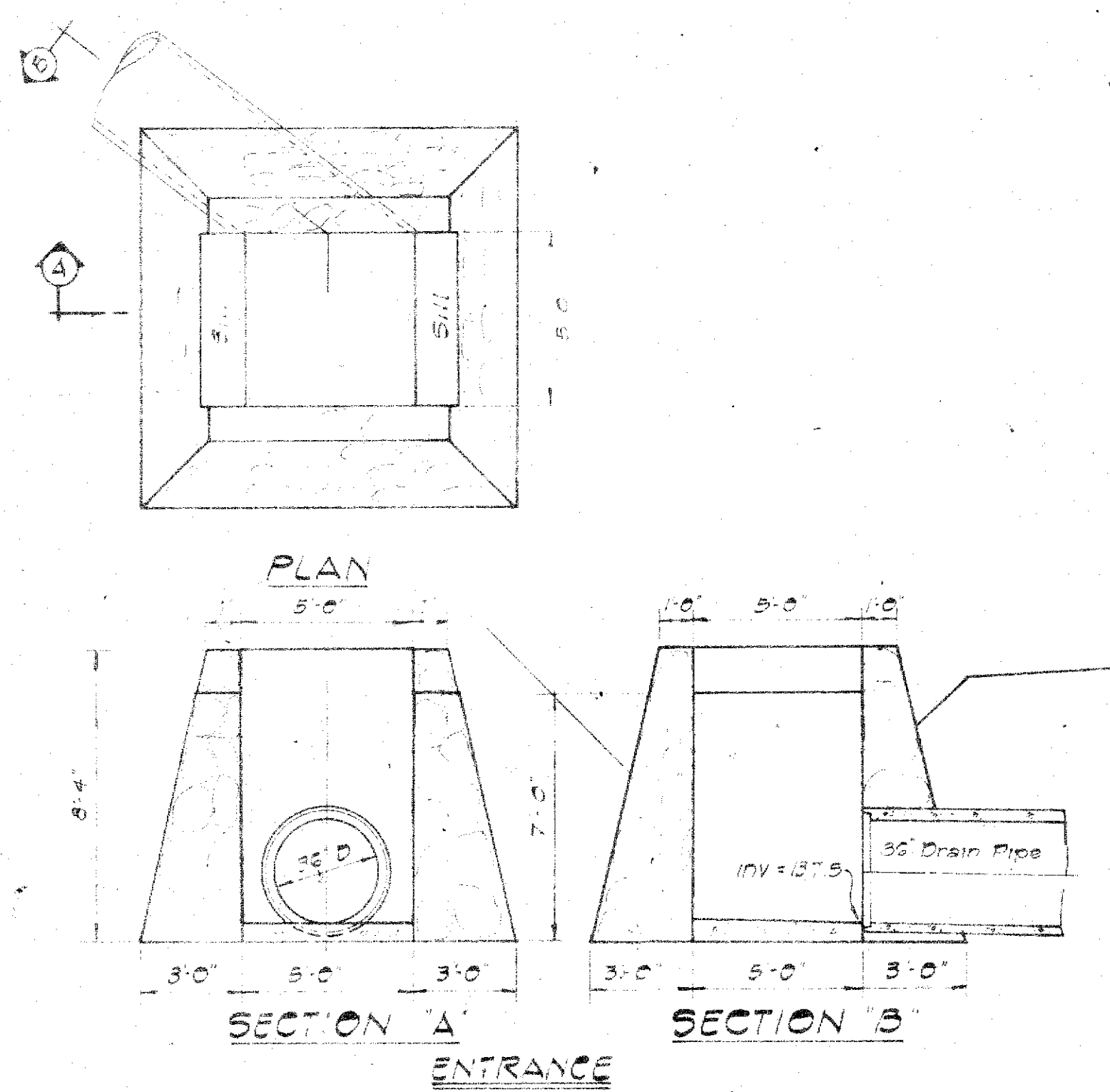
KAHALU CUTOFF ROAD

KANEHE, WHEEL, AHOIMANU & KAHALU, KOOLAPOKO, OAHU

DRAINAGE DETAILS

ENGINEER <i>MHI</i>	DATE: FINAL REPORT <i>6-27-62</i>
DRAFTSMAN <i>L.A.</i>	DATE <i>8-1-62</i>
SCALE <i>AS SHOWN</i>	CHECKED BY <i>STP</i>
APPROVED <i>[Signature]</i>	TRACER <i>R.A.</i>
CHIEF ENGINEER <i>[Signature]</i>	APPROVED <i>9-28-62</i>
ACCT. DIRECTOR, DIVISION OF ENGINEERING <i>[Signature]</i>	
N.S. PROFILE	C.B.
CR. SEC. F.B.	S.B.
N.M. BY: F.N. BY:	S.B.Y.
APPROVED <i>[Signature]</i>	

REG. ENGR. CERT. NO. 470-3



JOB No. 12-63

REVISION	DATE	DESCRIPTION	MADE BY	APPROVED
1	2/20/64	Unit Drainage Structures of 36" and 48" Pipes	R.M.T.C.	
2	11/11/64	2" Drainage Pipe, 17" to 17.5" Elev.	L.F.P.	

COMMUNITY PLANNING INCORPORATED
CIVIL ENGINEERS - SURVEYORS - CONSULTANT PLANNERS

DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF HONOLULU
DIVISION OF ENGINEERING
IMPROVEMENT DISTRICT NO. 10
KAHALU CUTOFF ROAD
KANEHE, HEEA, AHIOMANI & KAHALU, KOOLAPOKO, OAHU

DRAINAGE DETAILS

ENGINEER: M.H.I.
DRAFTSMAN: L.A.
SCALE: AS SHOWN
APPROVED: J.P.R.
CHIEF ENGINEER: J.P.R.
PROF. BY: J.P.R.
WM. BY: J.P.R.

DATE FINAL REPORT: 6-27-62
DATE: 6-27-62
CHECKED BY: J.P.R.
TRACER: L.A.
APPROVED: J.P.R.
APPROVED: J.P.R.

FILE: 12
SHEET: 9
FOLDER: 3
NO: 488

