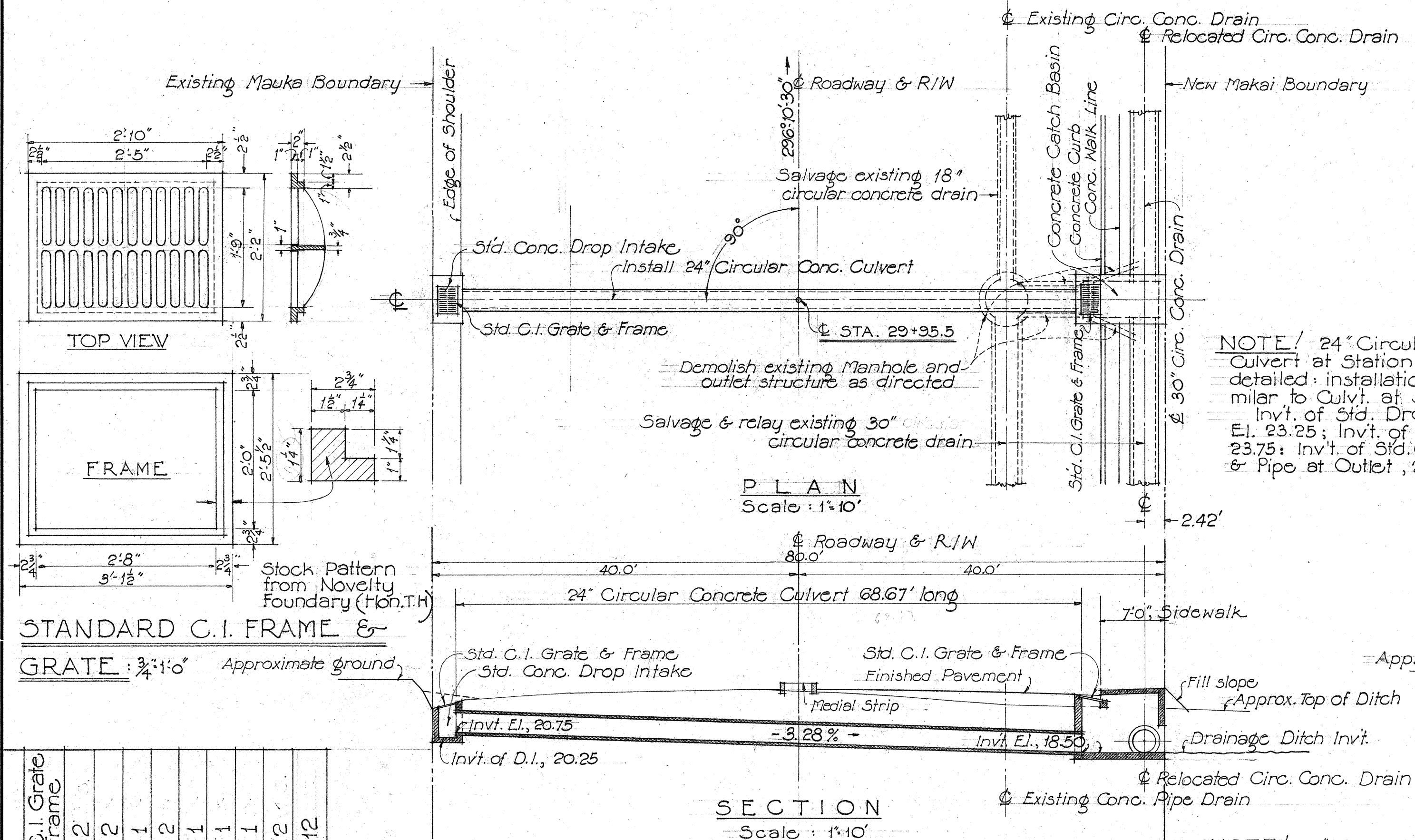


ORIGINAL PLAN
 DESIGNED BY: [Signature]
 TRACED BY: [Signature]
 QUANTITIES BY: [Signature]
 CHECKED BY: [Signature]
 DATE: 1/3/52
 NO.

ESTIMATED QUANTITIES									
Structure	Location	Class 'A' Conc.	Structure Ex. Reinf. Steel	Pipe Length	Std. C.I. Grate & Frame	24" Conc. Pipe	24" Conc. Pipe	24" Conc. Pipe	24" Conc. Pipe
24" Conc. Pipe	Sta. 25+13	6.4 Cu. Yds.	115 Lbs.	12.00 Ft.	2				
24" Conc. Pipe	Sta. 29+55	8.0 "	115 "	68.67 "	2				
24" Conc. Pipe	Sta. 34+29.55	7.4 "	115 "	68.50 "	1				
3x2 Conc. Box	Sta. 40+96	15.2 "	115 "		2				
Std. Catch Basin	Sta. 27+50	7.1 "	115 "		1				
Std. Catch Basin	Sta. 32+75	6.8 "	115 "		1				
24" Conc. Pipe	Sta. 41+16	4.0 "	115 "	80.00 "	1				
24" Conc. Pipe	Sta. 20+85	6.3 "	115 "	68.50 "	2				
		61.2 Cu. Yds.	920 Lbs.	297.67 Ft.	12				

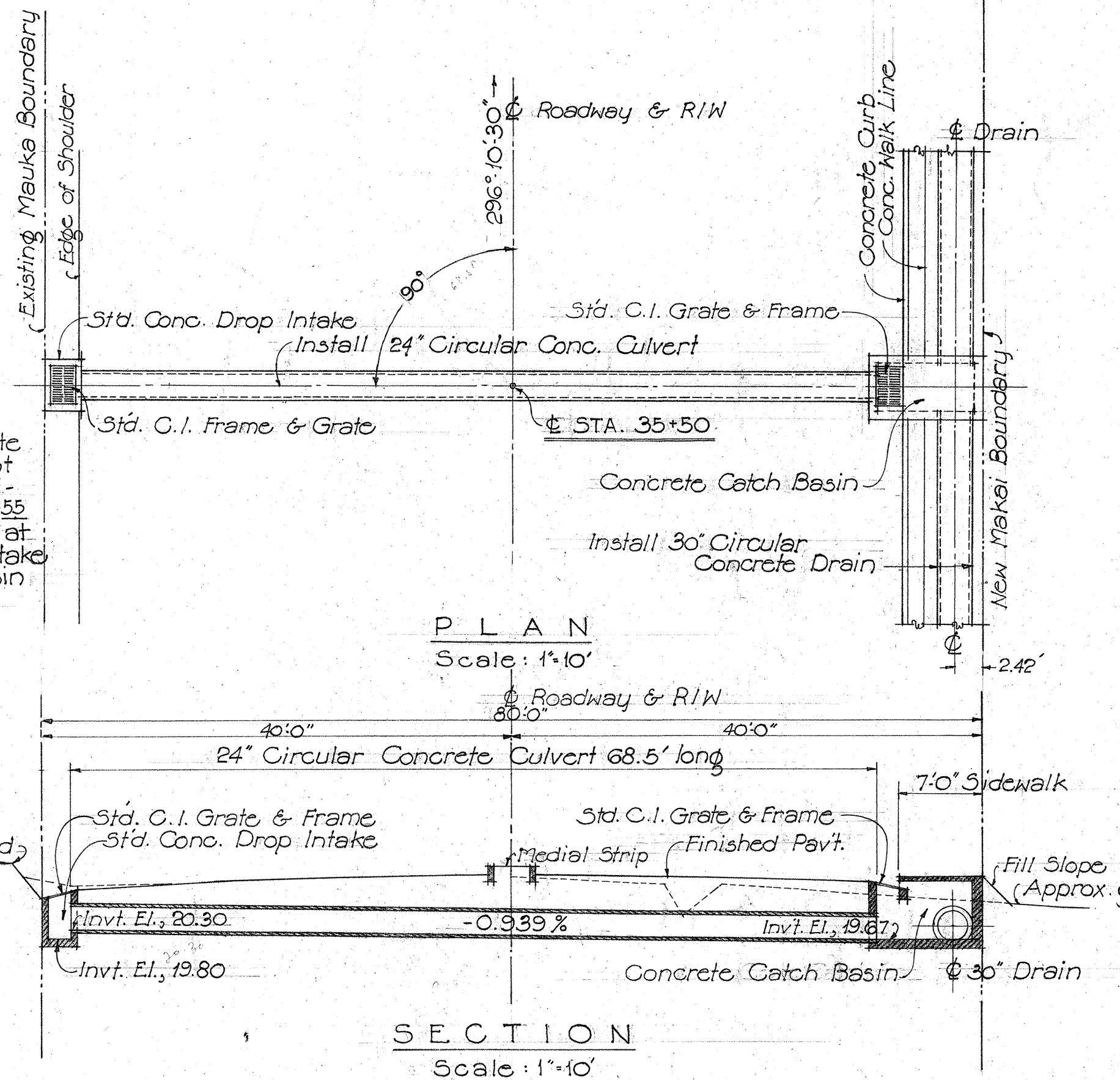
CULVERT AT STA. 29+95.5

24" Circular Concrete Culvert.



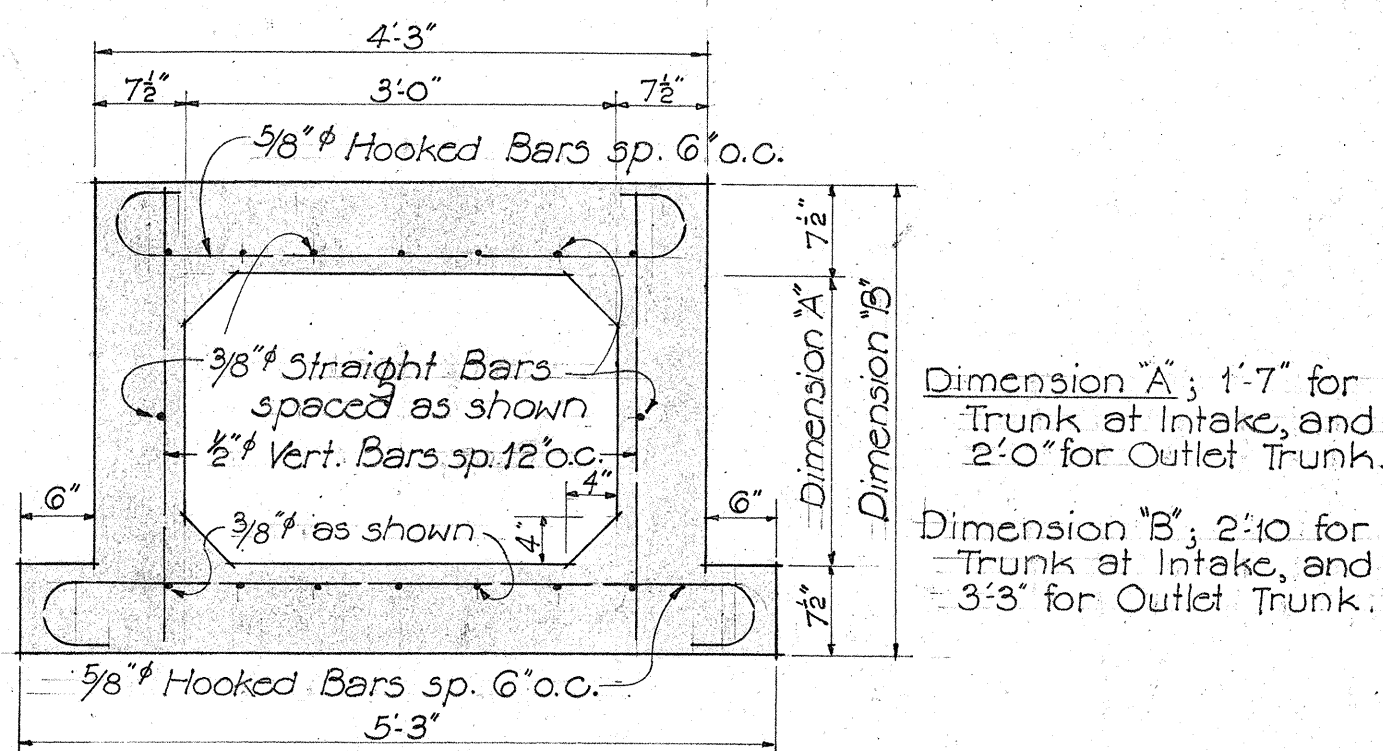
CULVERT AT STA. 34+29.55

24" Circular Concrete Culvert



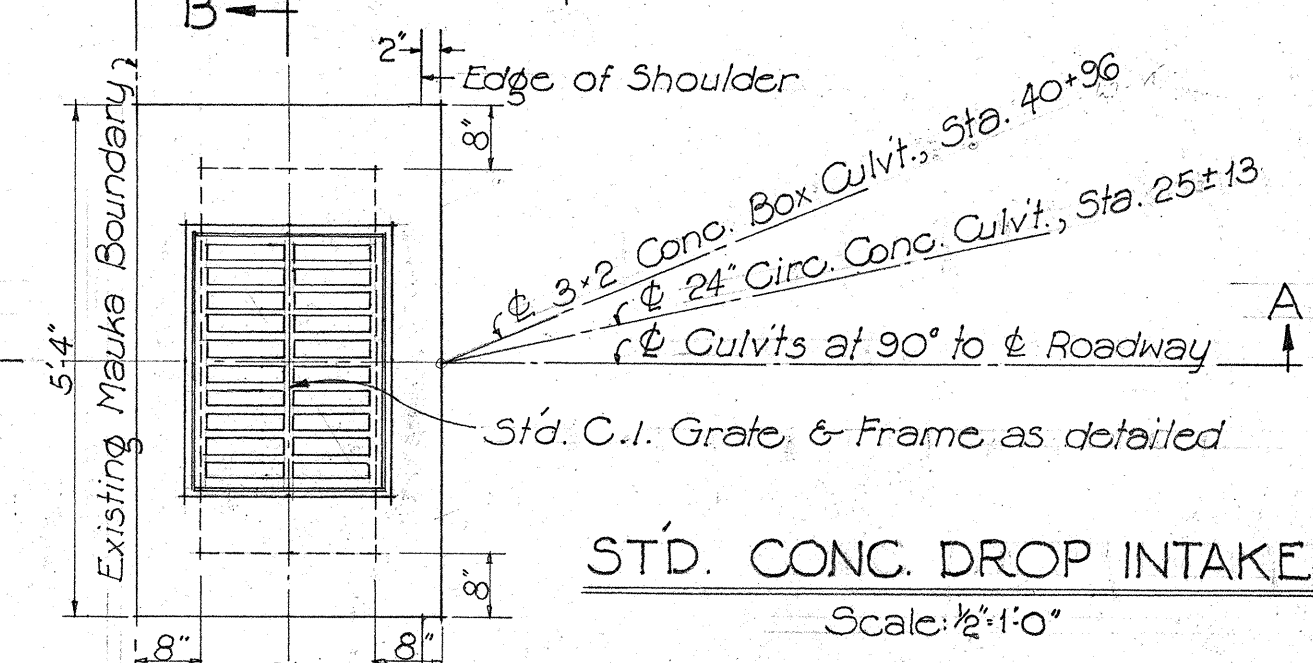
NOTE: All exposed edges of Concrete to be chamfered 3/4".

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	SN-FAP 9-E(3)	1940	9	16



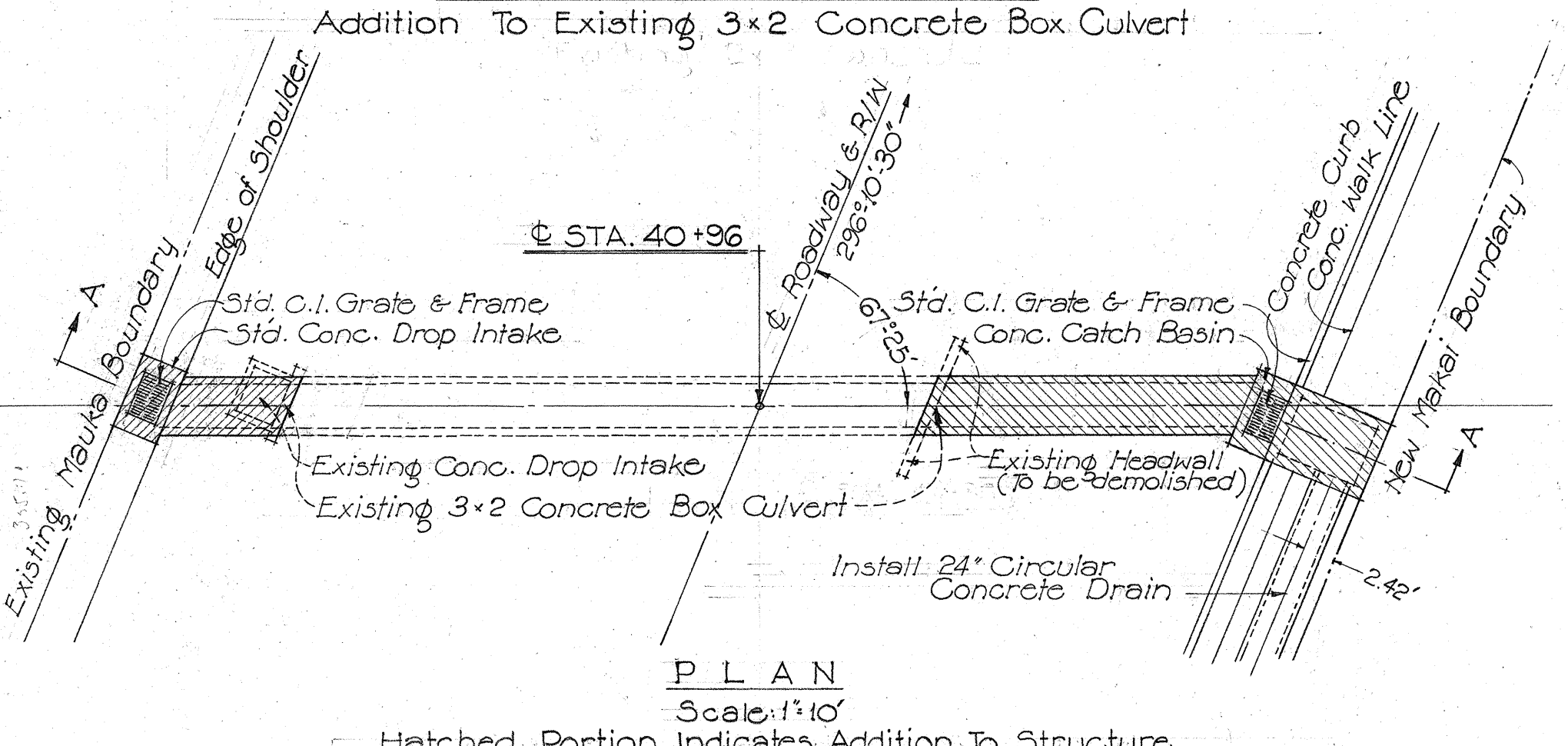
TRUNK SECTION - 3x2 BOX CULV'T.

(At Station 40+96)
Scale: 3/4" = 1'-0"



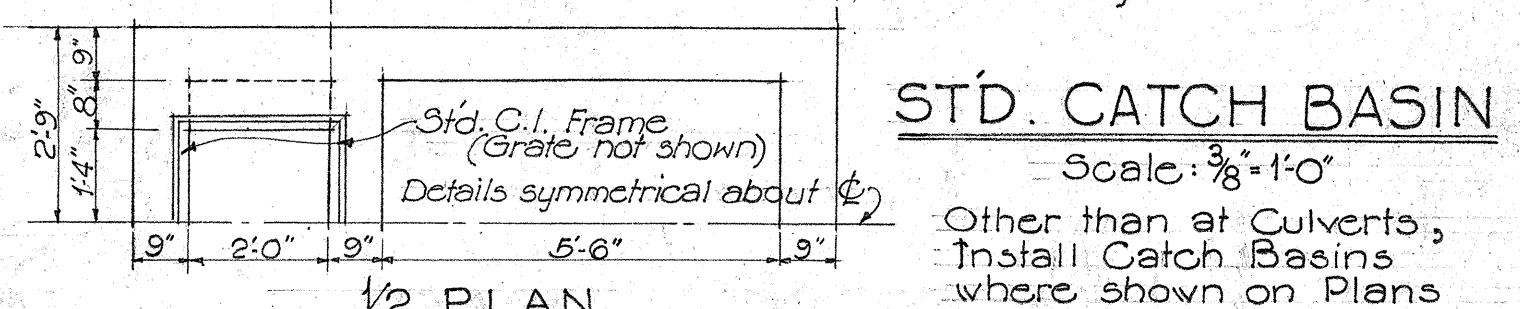
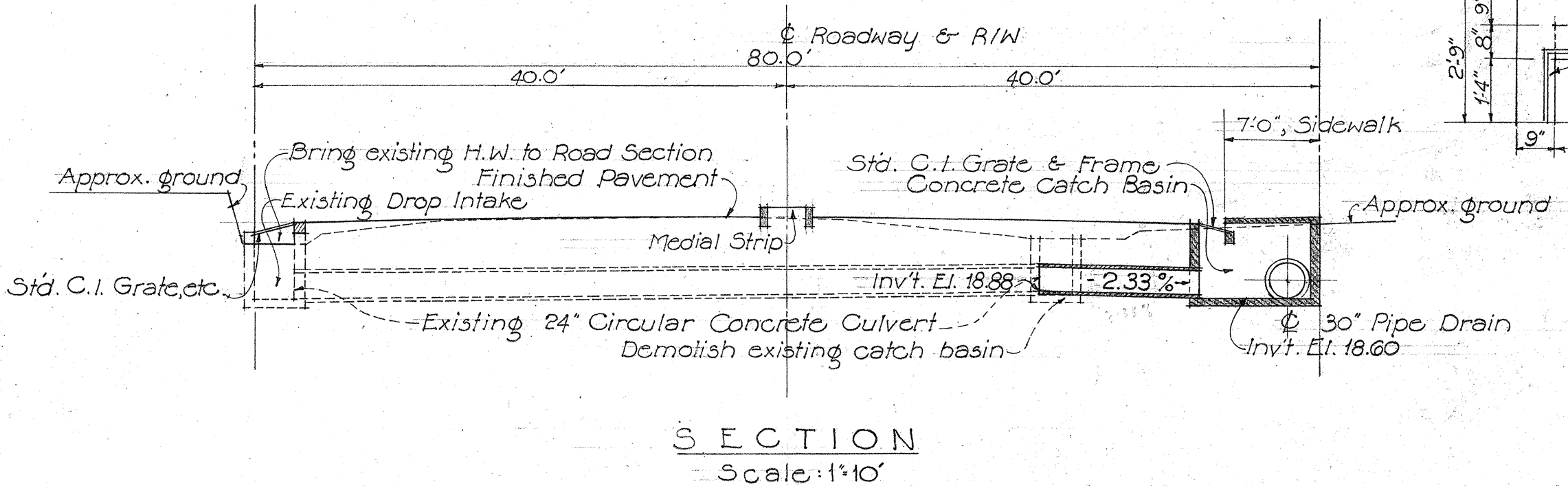
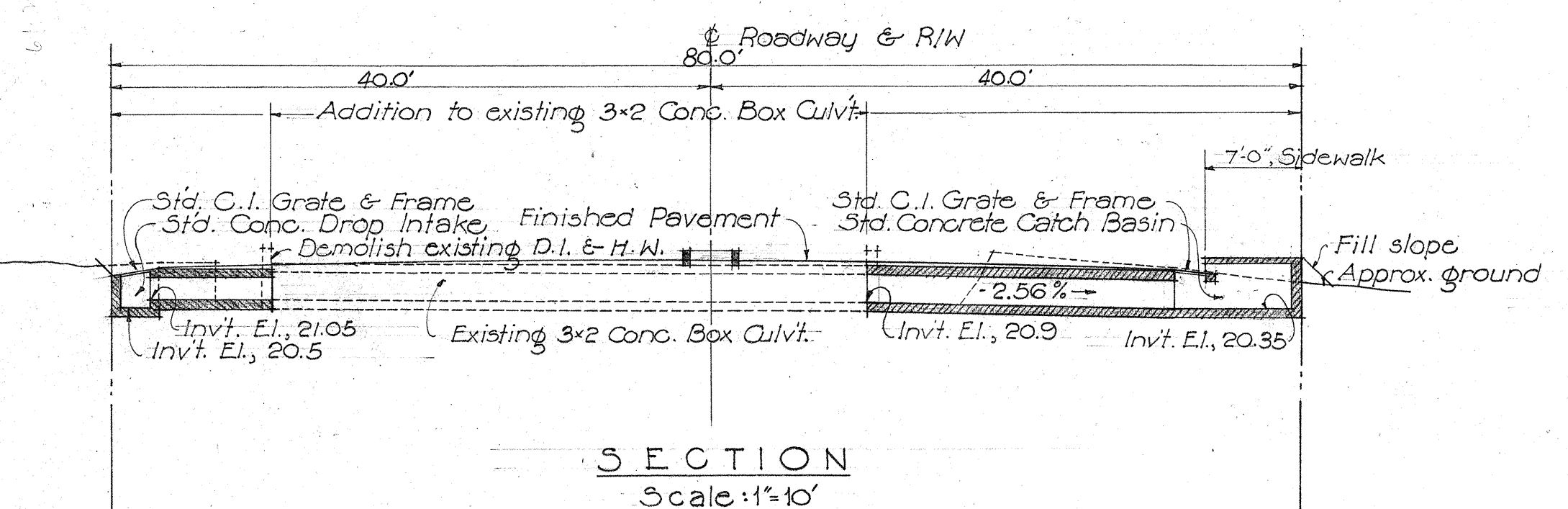
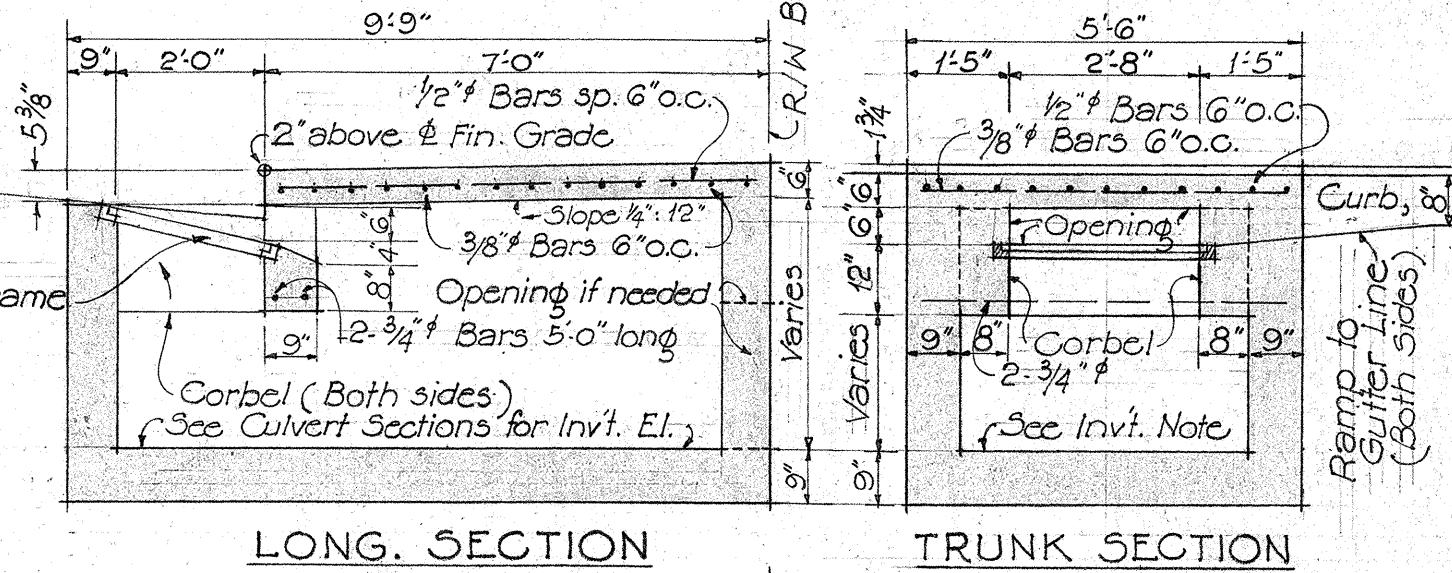
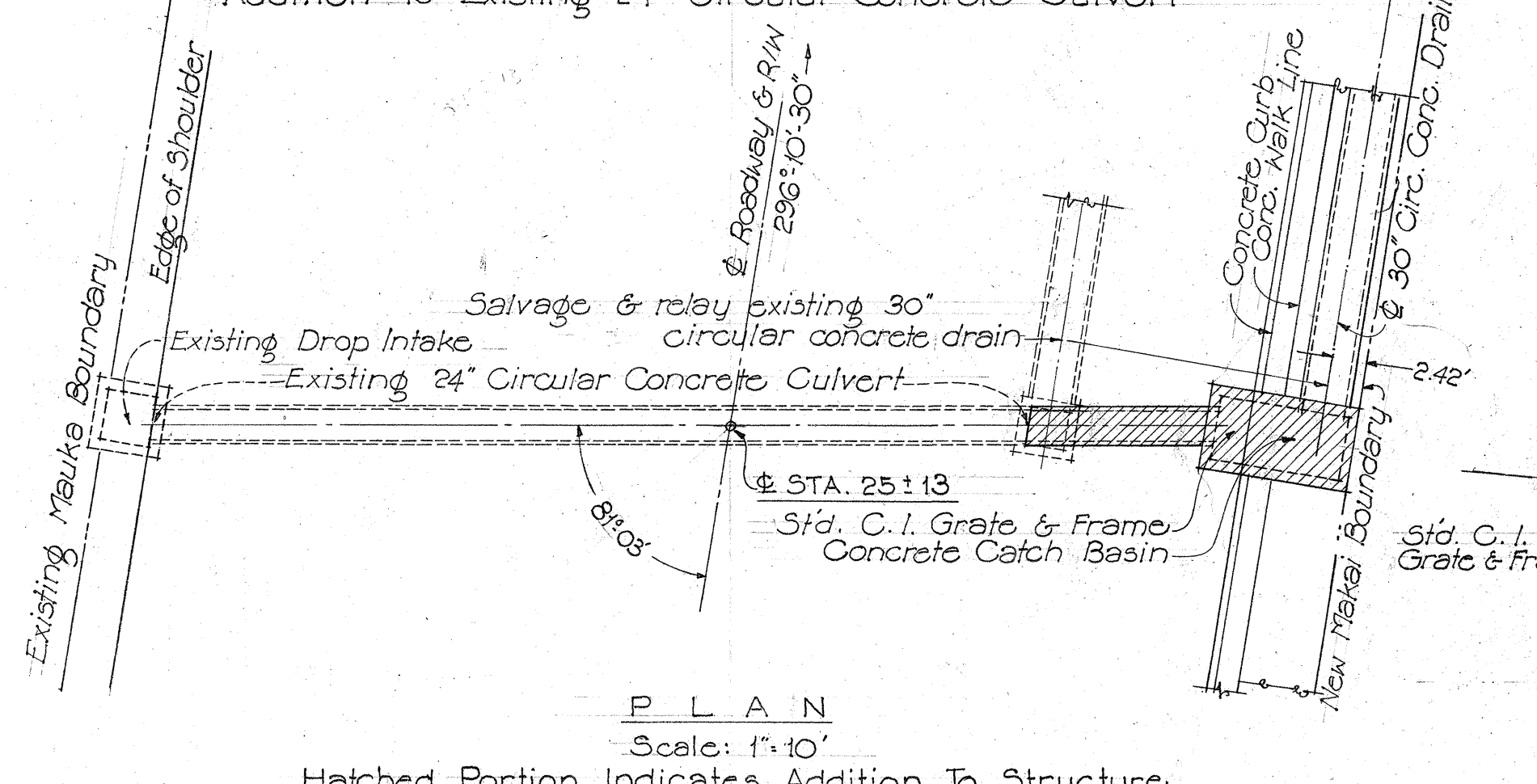
CULVERT AT STA. 40+96

Addition To Existing 3x2 Concrete Box Culvert



CULVERT AT STA. 25+13

Addition To Existing 24" Circular Concrete Culvert



TERRITORIAL HIGHWAY DEPARTMENT
 TERRITORY OF HAWAII
 LAYOUT OF CULVERTS
 PROJECT NO SN-FAP 9-E(3)
 Scales as Noted