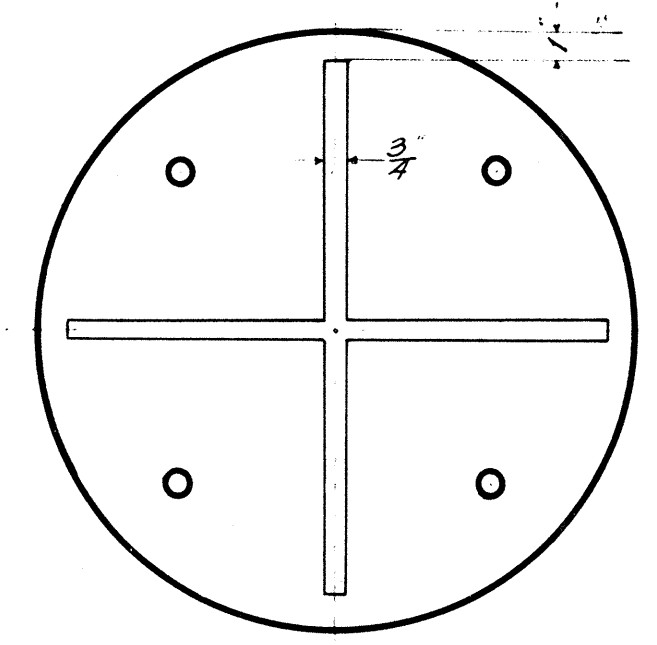
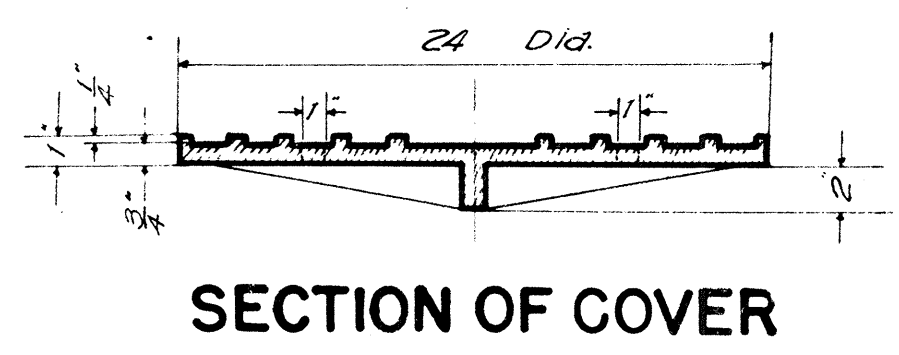
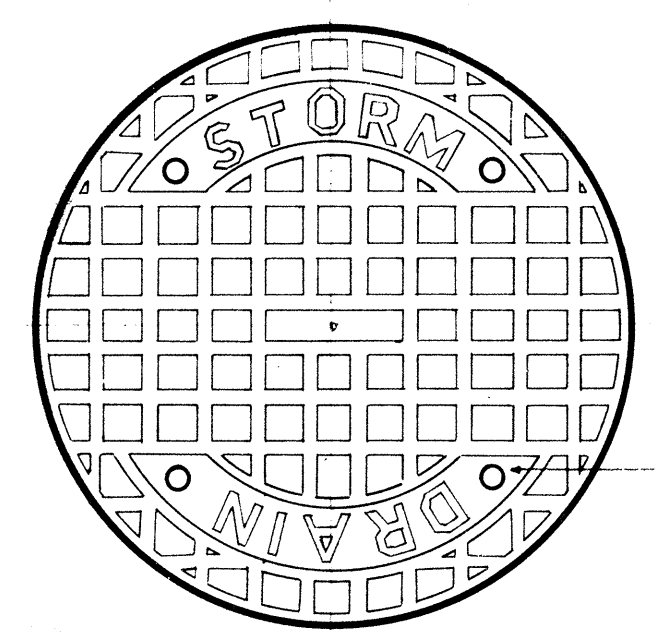
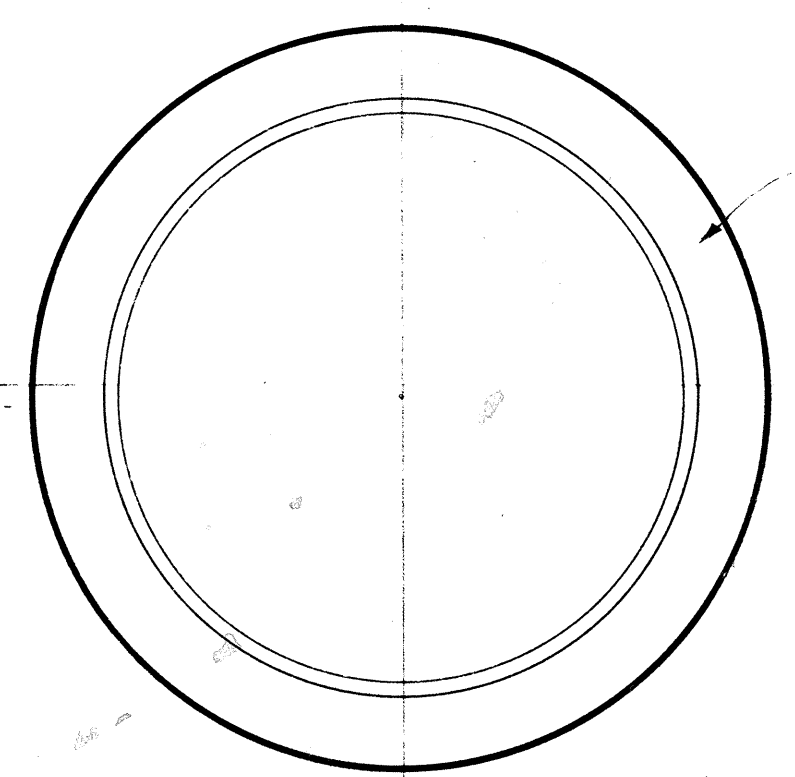
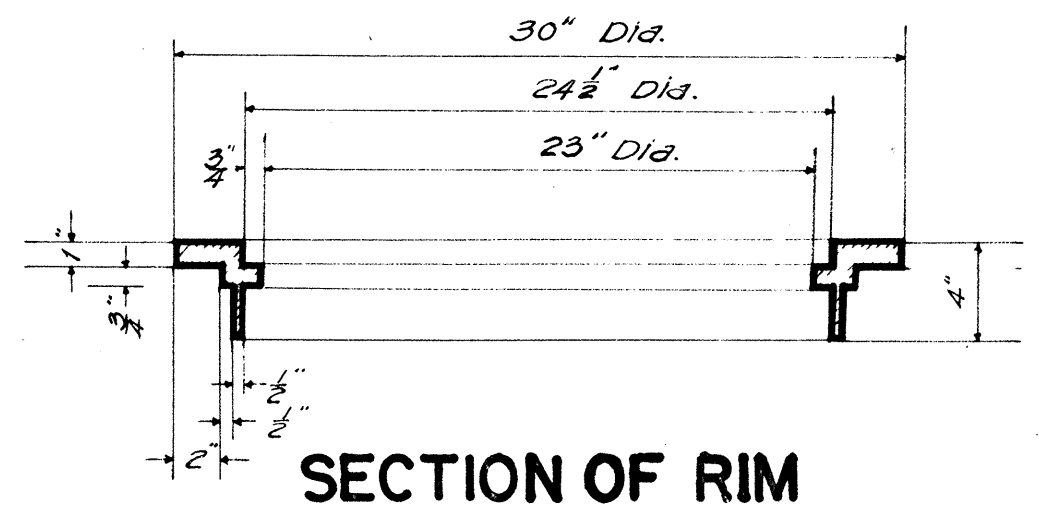
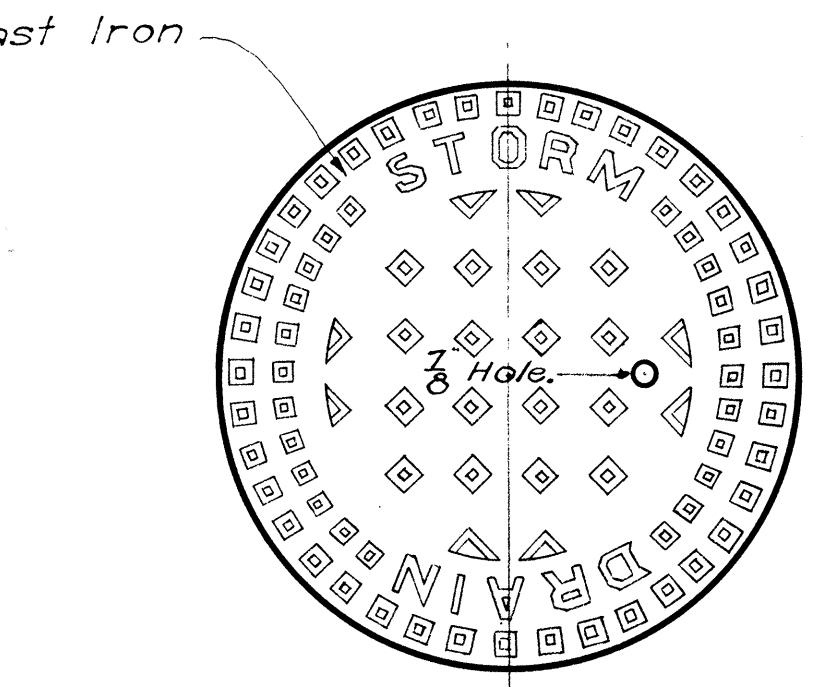


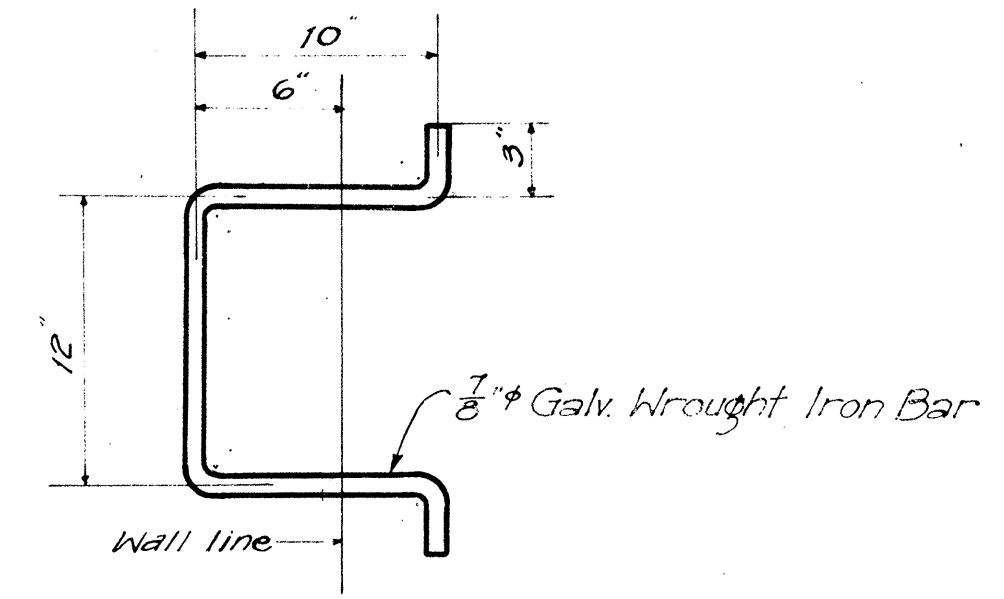
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.		19		



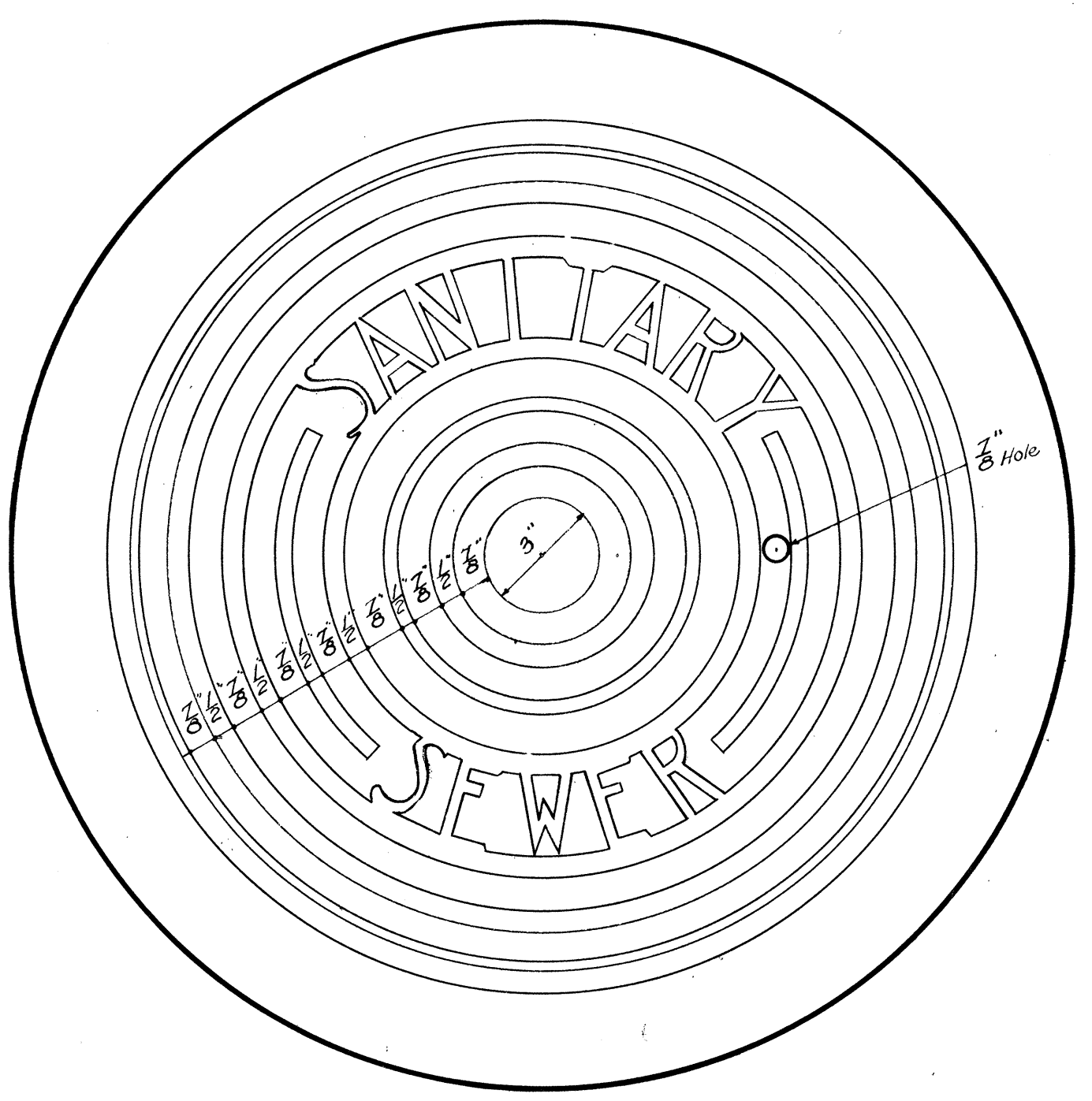
STANDARD CATCH BASIN CASTINGS
Scale: 1-1/2" = 1'-0"



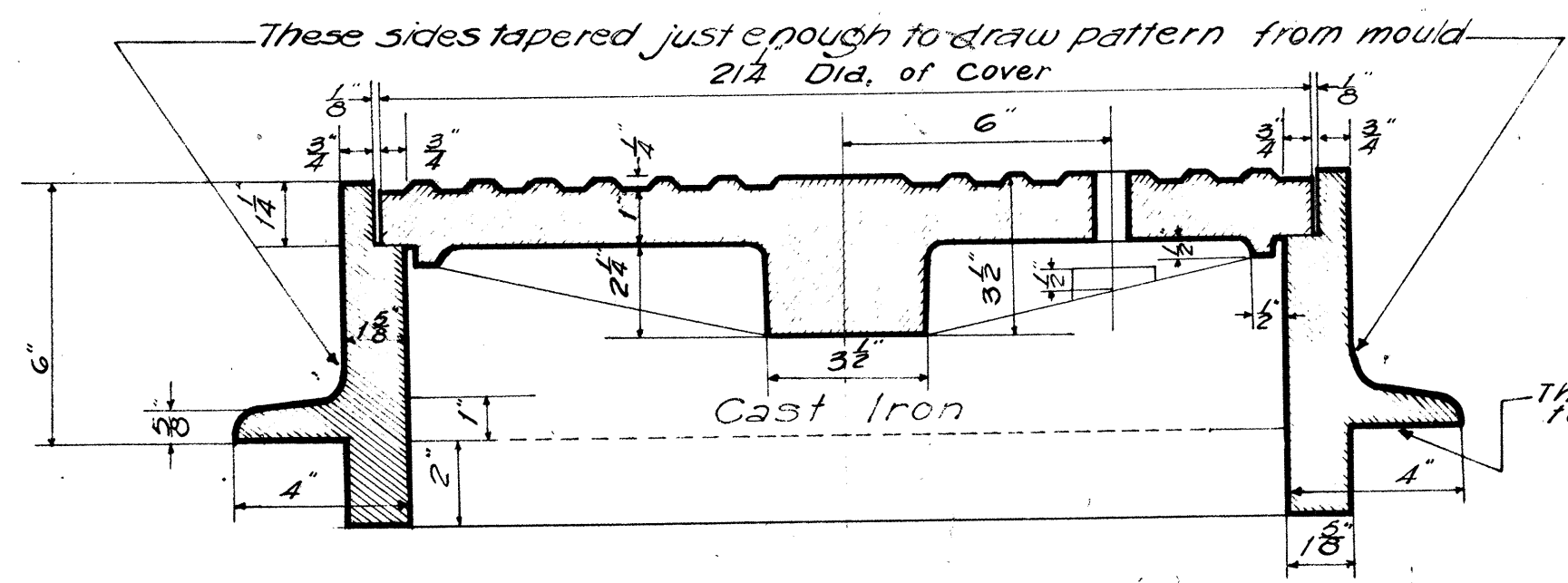
PATTERN FOR STORM DRAIN MANHOLE COVER



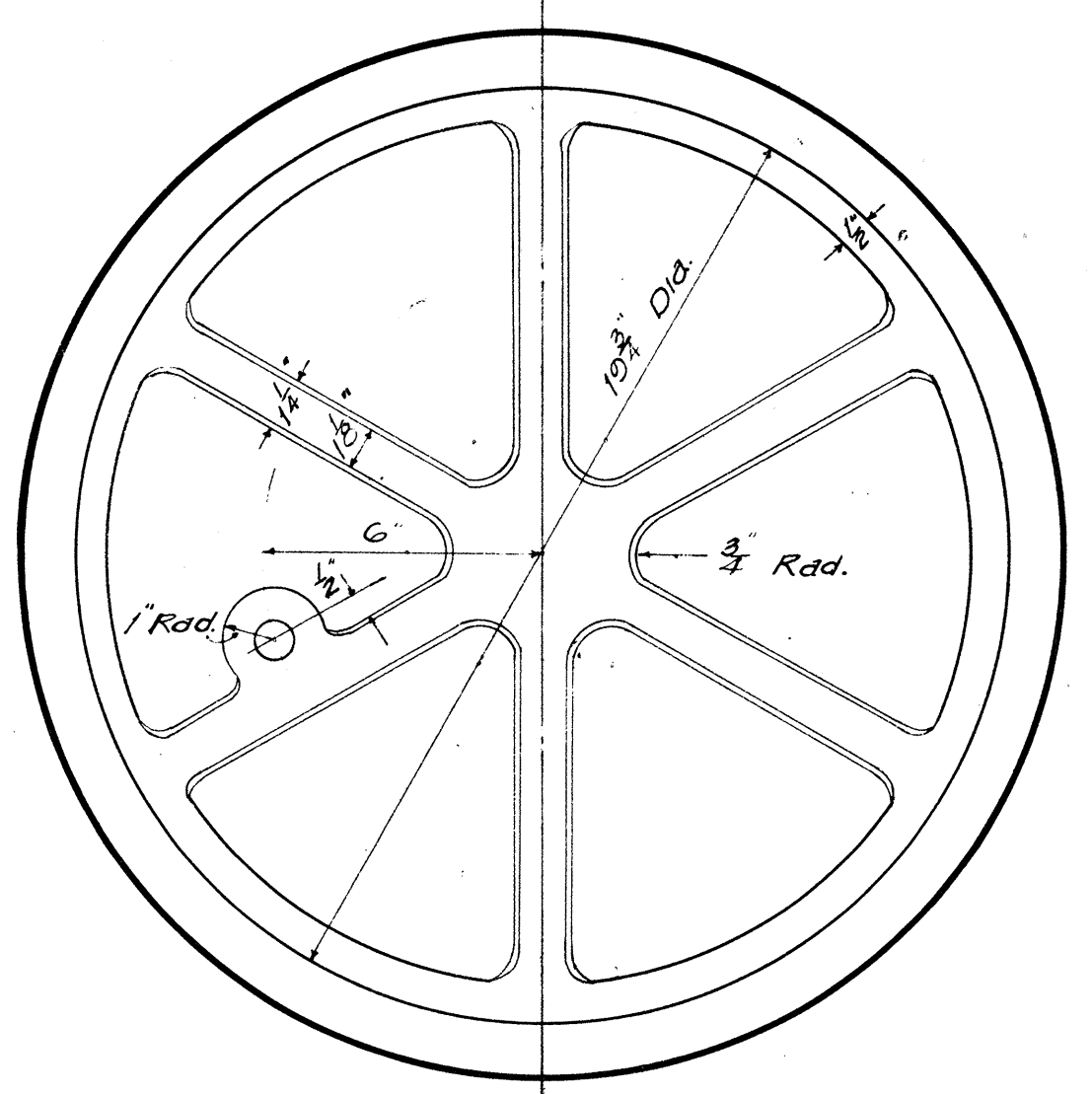
DETAIL OF MANHOLE RUNG
Scale: 1-1/2" = 1'-0"



PATTERN FOR SEWER MANHOLE COVER

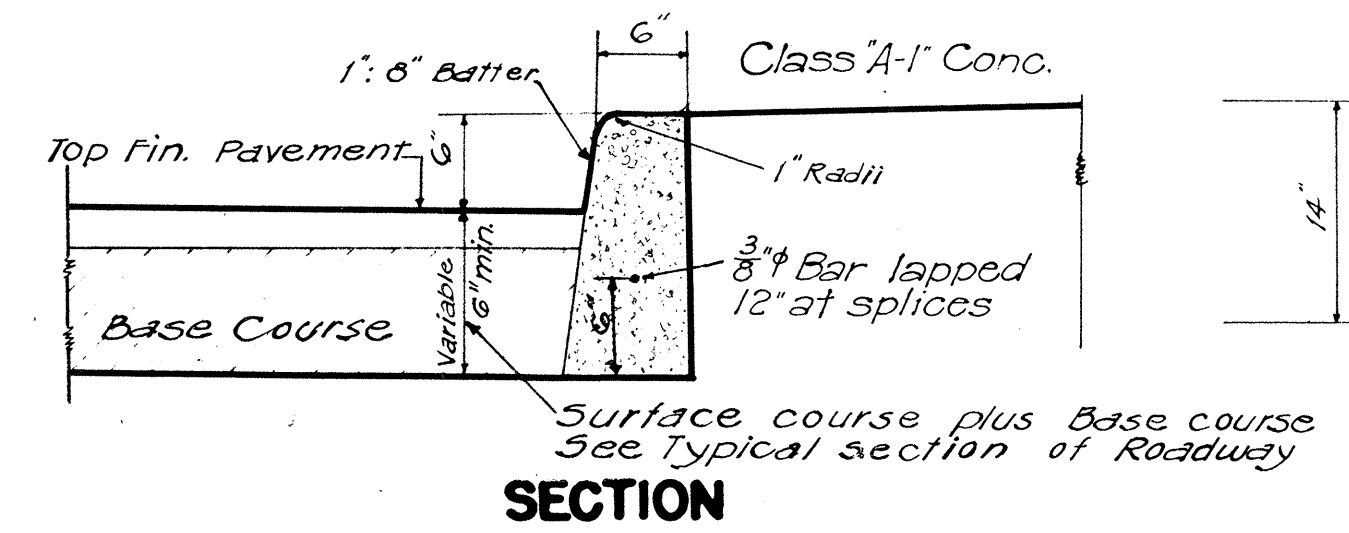


SECTION
NOTE: A unit includes both Frame and Cover

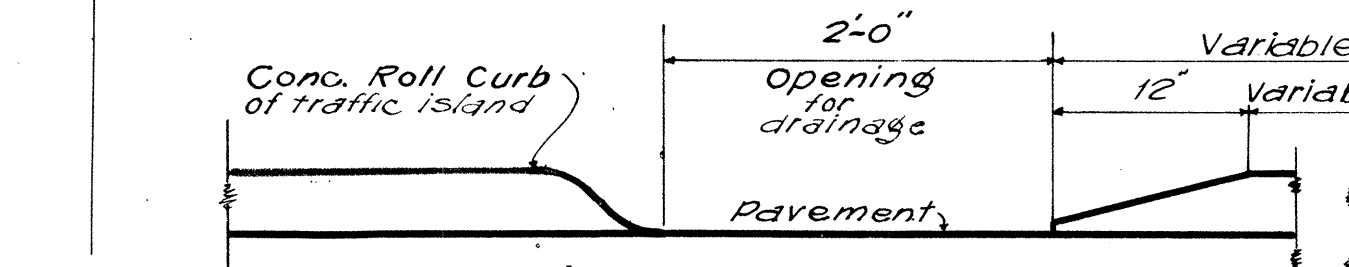


STANDARD MANHOLE CASTINGS
Scale: 3" = 1'-0"

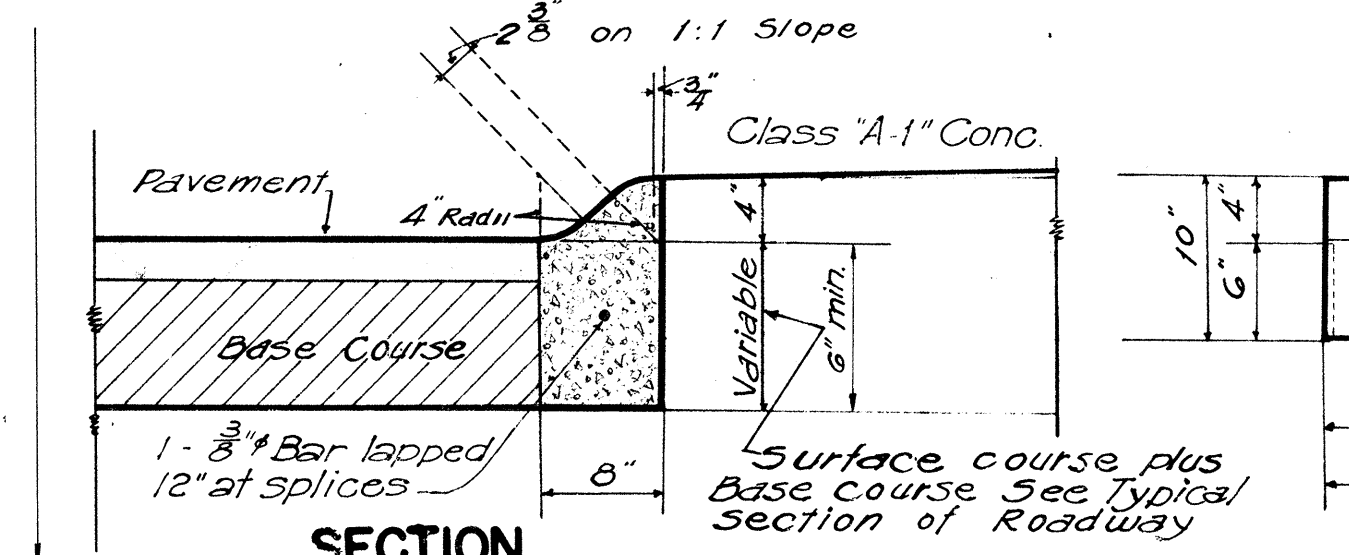
NOTE: The pattern for water manhole covers shall be the same as for sanitary sewer except that the word "Water" shall be substituted for Sanitary Sewer.



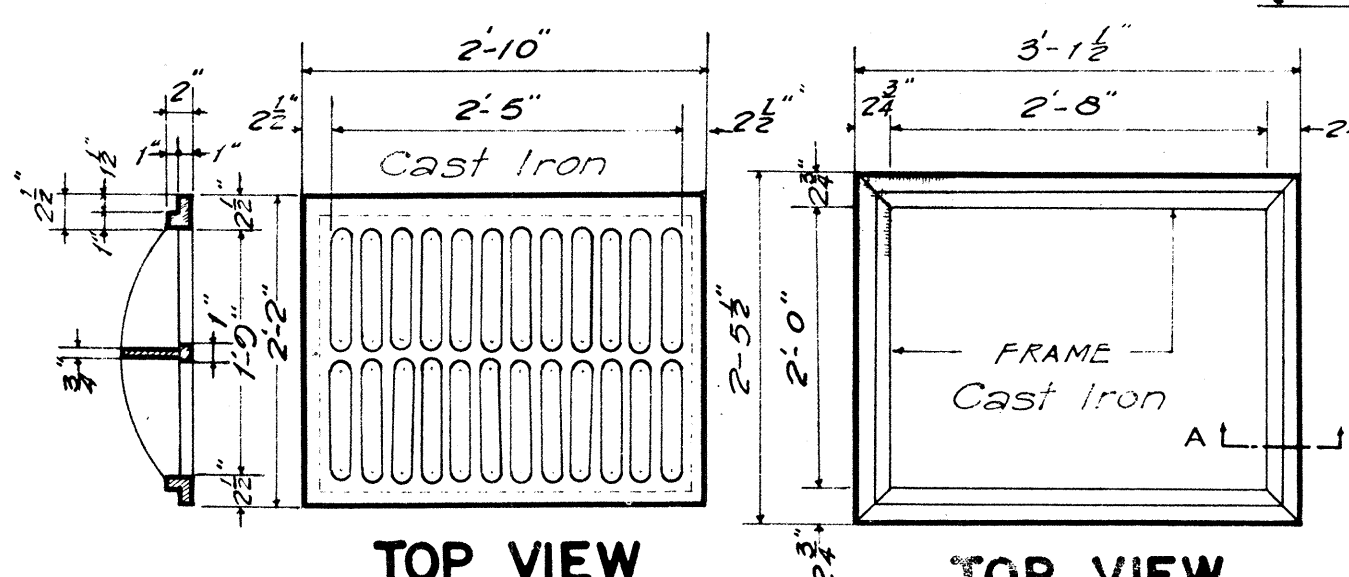
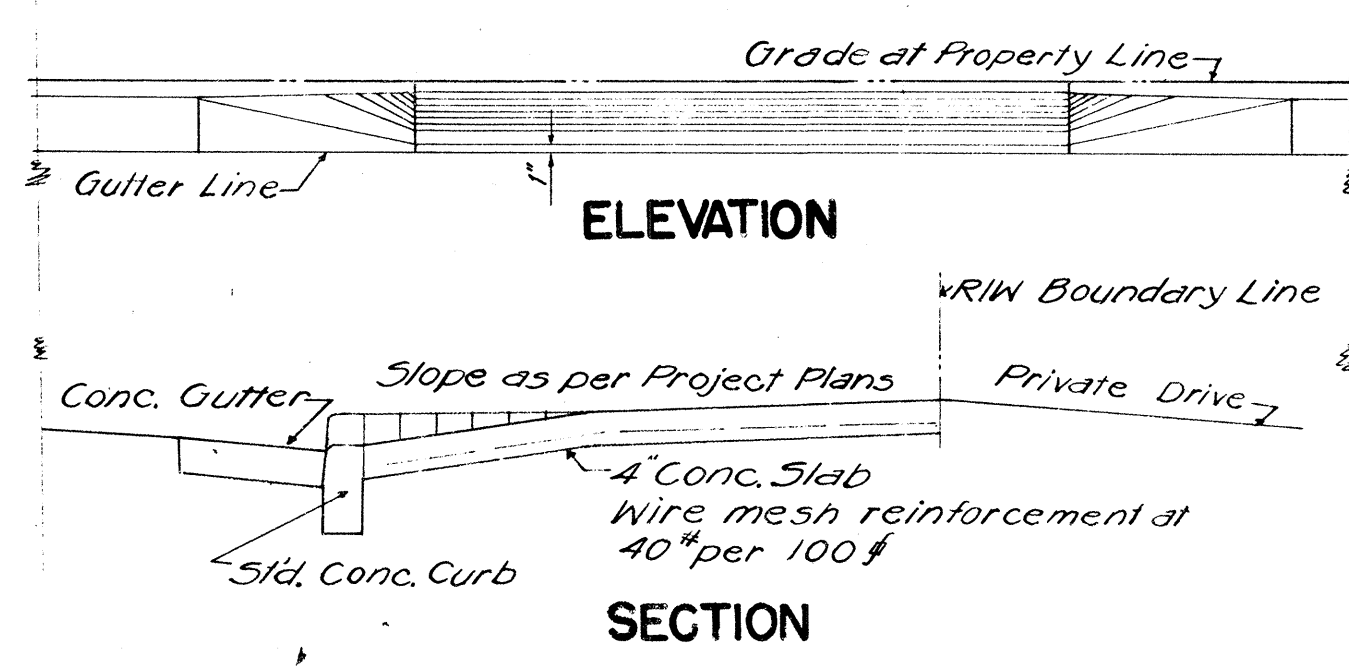
ST'D. CAST IN PLACE CONC. CURB
Scale: 1" = 1'-0"



NOTE: There may be more than one over-all curb height used on an individual project depending upon Base Courses used, but this shall make no difference in items under which payment is made.

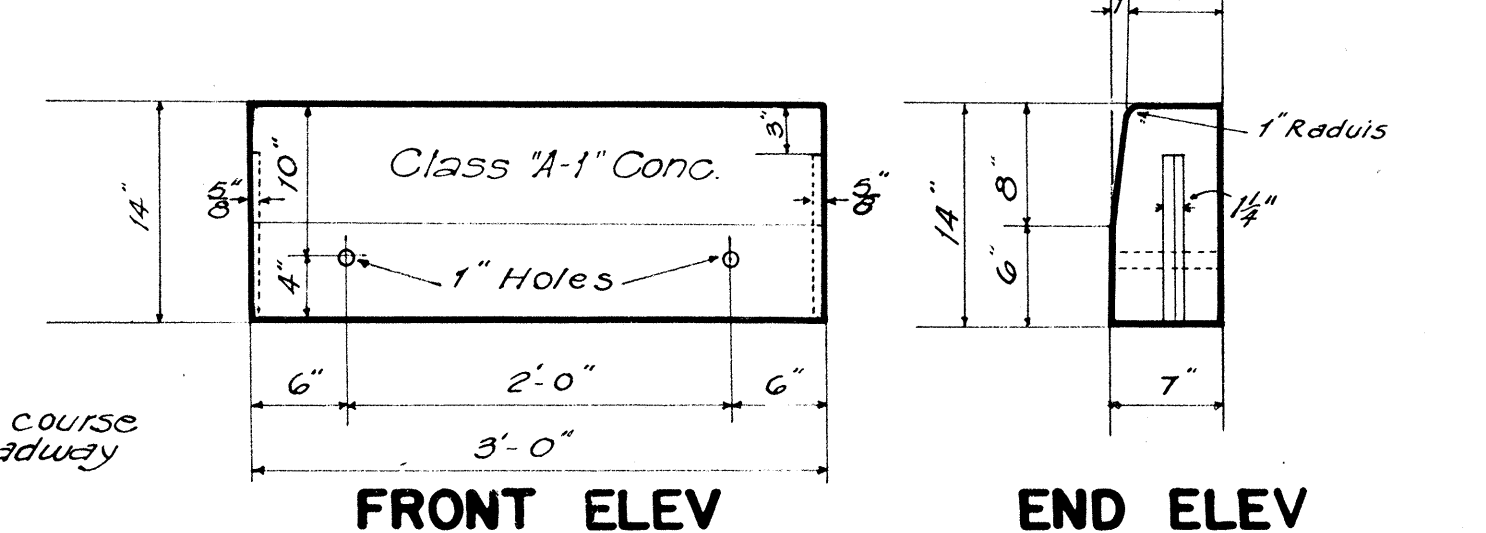


ST'D. CAST IN PLACE CONC. ROLL CURB
Scale: 1" = 1'-0"

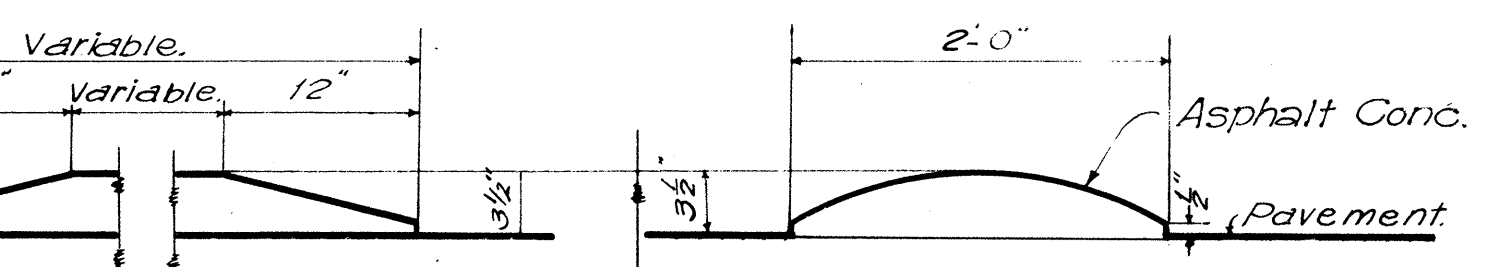


STANDARD C. I. FRAME AND GRATE TYPE "C"
Scale: 3/4" = 1'-0"

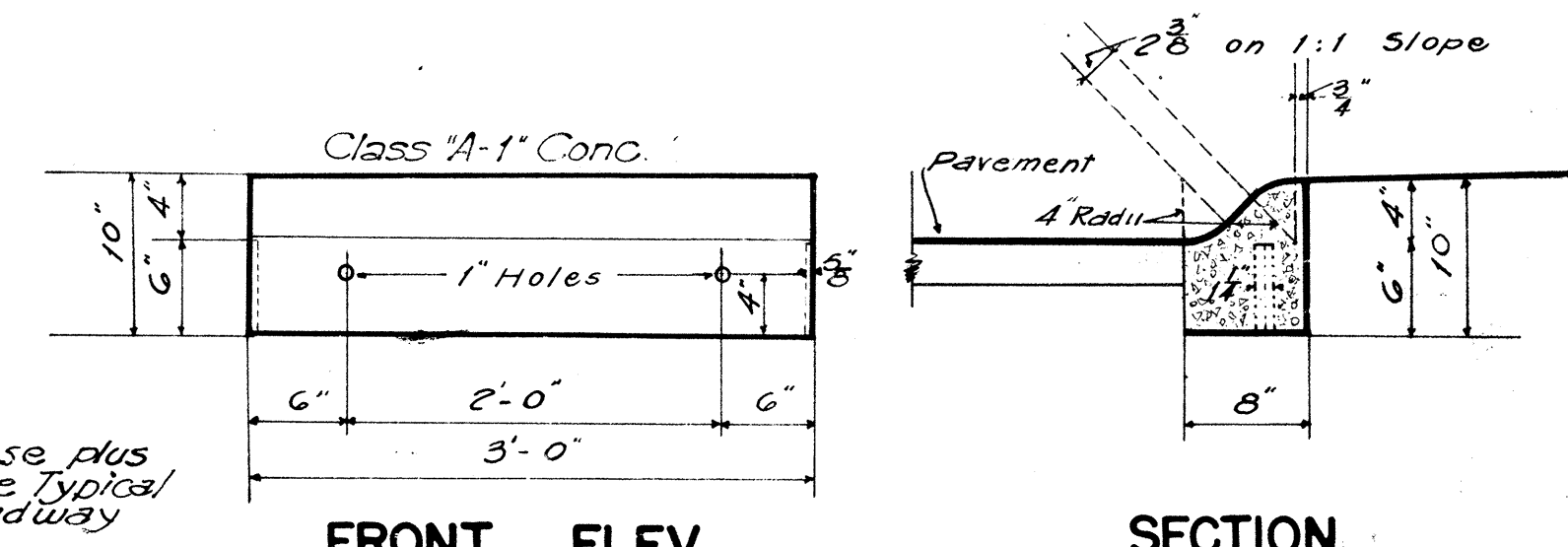
NOTE: Stock Pattern from Novelty Foundry-Honolulu



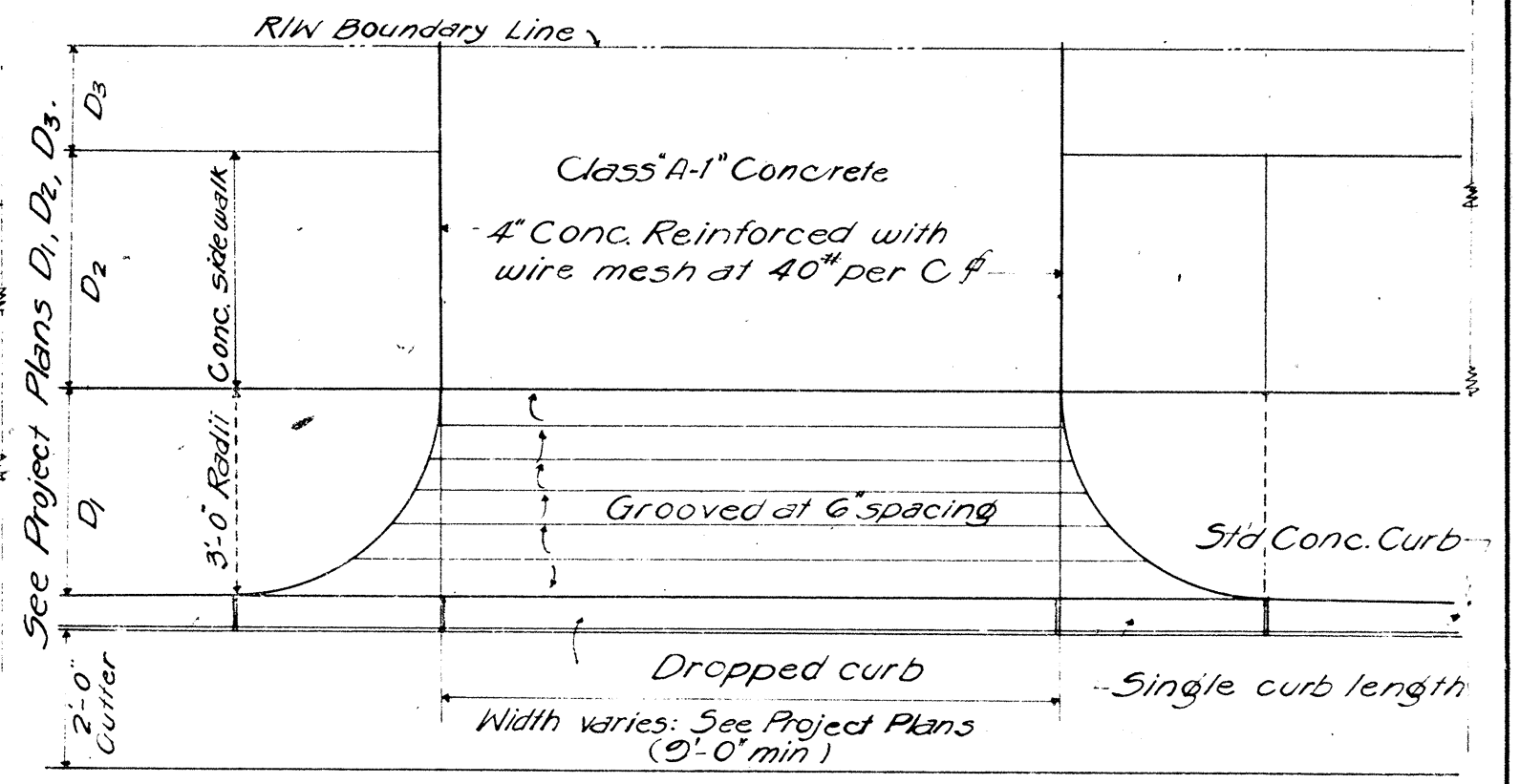
ST'D. PRECAST CONC. CURB
Scale: 1" = 1'-0"



DETAIL OF A. C. ROLL
Scale: 1" = 1'-0"



ST'D. PRECAST CONC. ROLL CURB
Scale: 1" = 1'-0"



DETAILS OF DROPPED DRIVEWAY

SECTION A-A
Scale: 3" = 1'-0"

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

STANDARD DETAILS

SCALES AS NOTED
Apr. 15, 1948

APPROVED: *[Signature]*
Territorial Highway Engineer

SHEET NO. 4 OF 4 SHEETS

DATE: _____
DESIGNED BY: *S. Nambu*
CHECKED BY: _____
NOTED BY: _____
ORIGINAL PLAN: _____
QUANTITIES BY: _____
CHECKED BY: _____