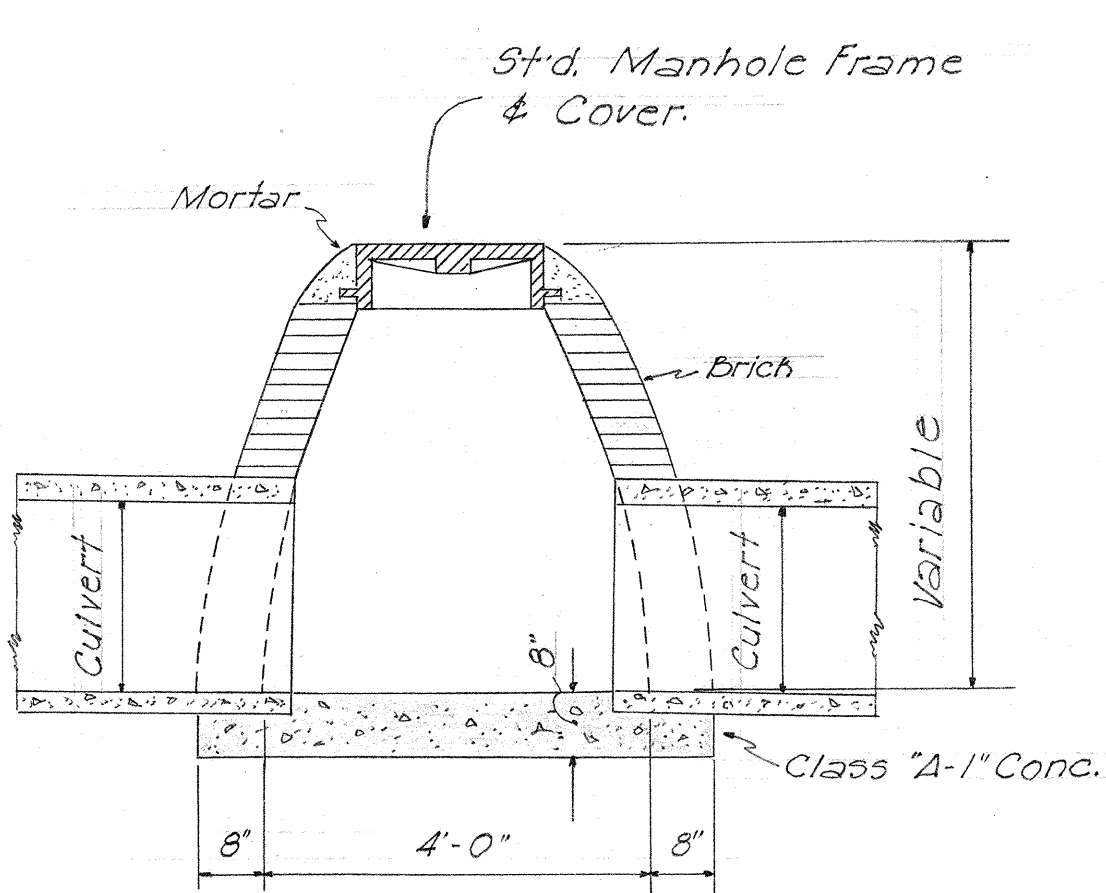
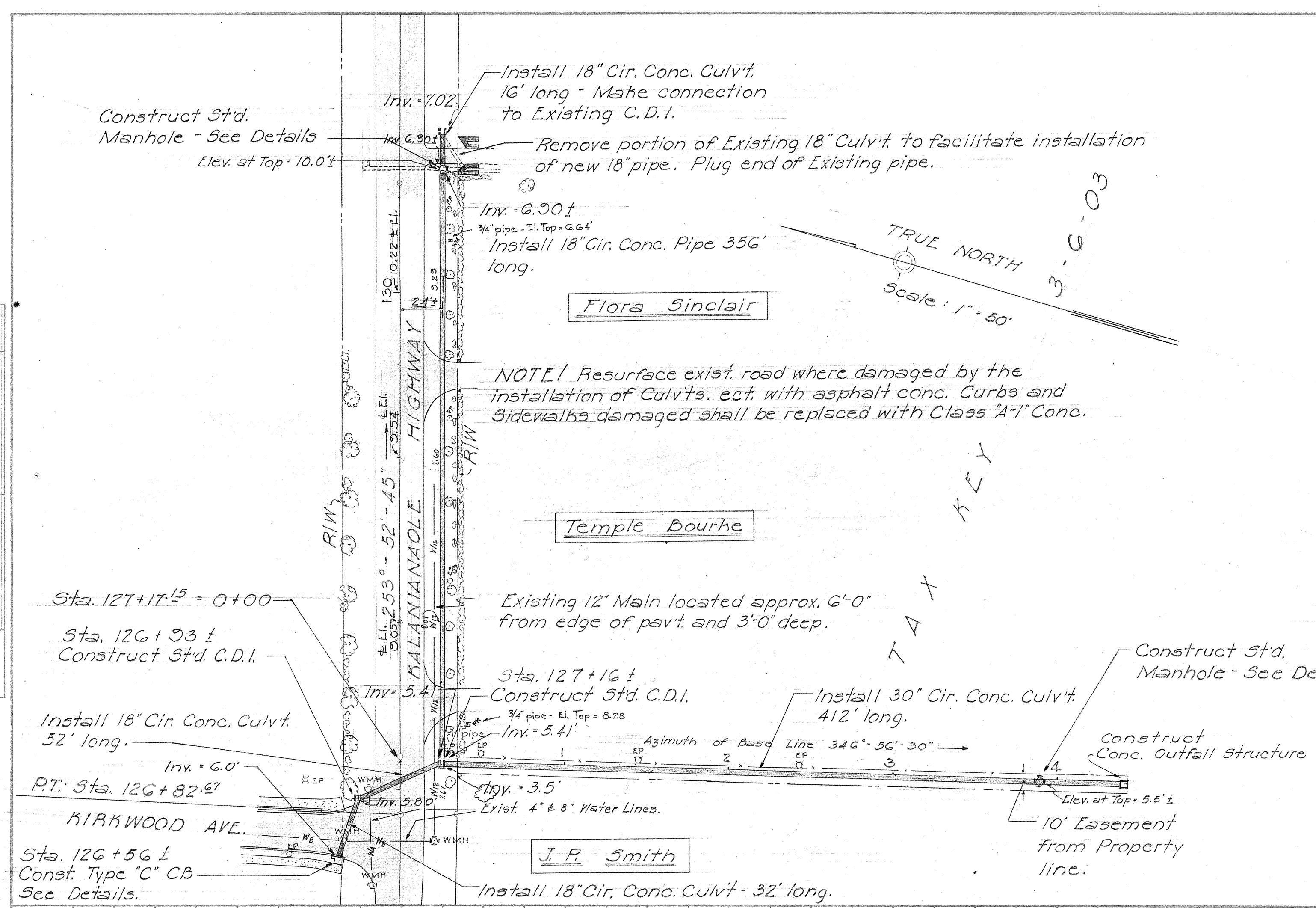
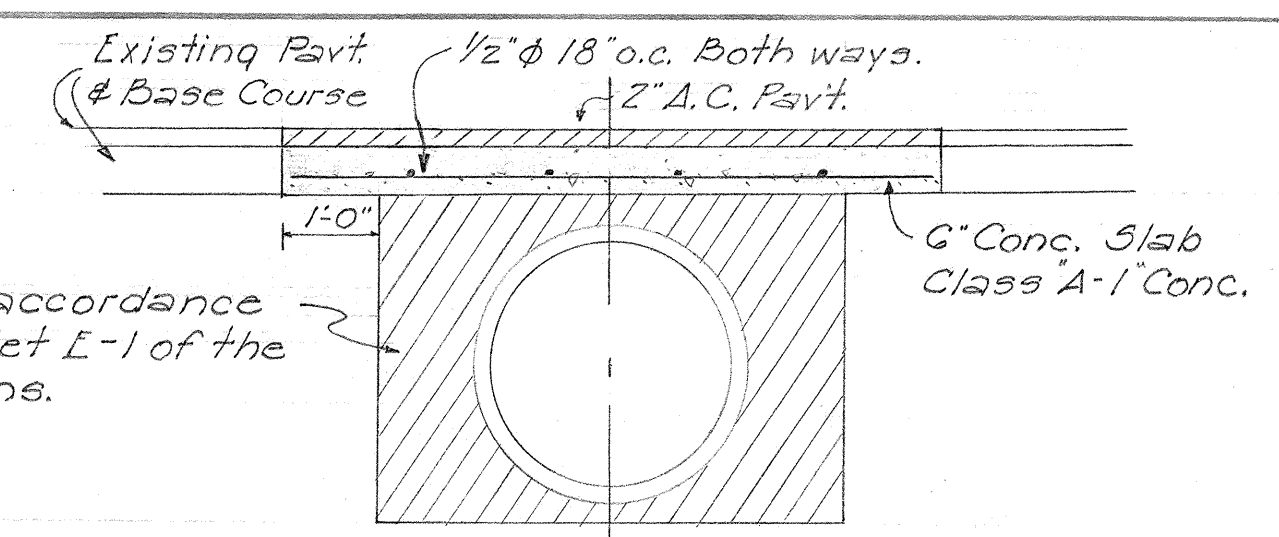


PLAN	DATE	BY	CHECKED	NO.
SURVEYED				
PLOTTED				
NOTE BOOK				
RT. OF WAY CHECKED				

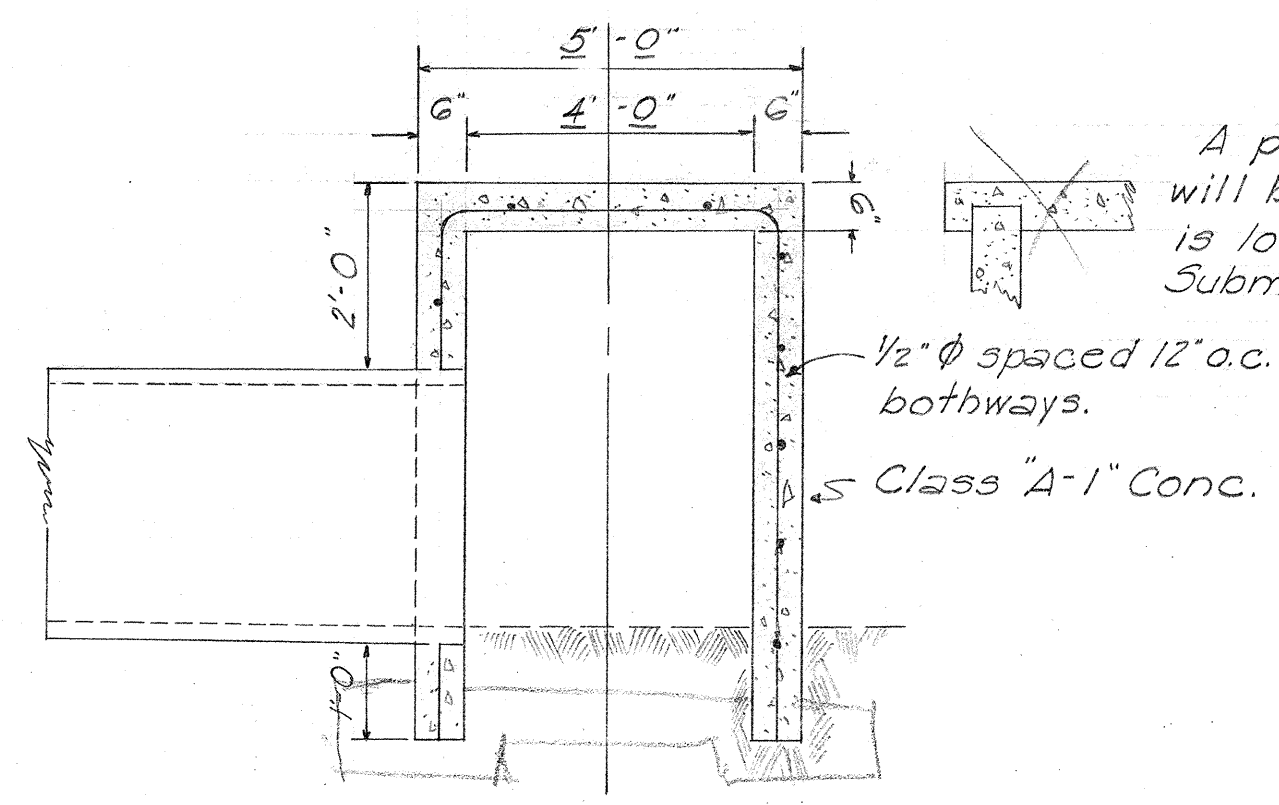
PROFILE	DATE	BY	CHECKED	NO.
SURVEYED				
PLOTTED				
NOTE BOOK				
STRUCTURE NOTATIONS CHECKED				



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



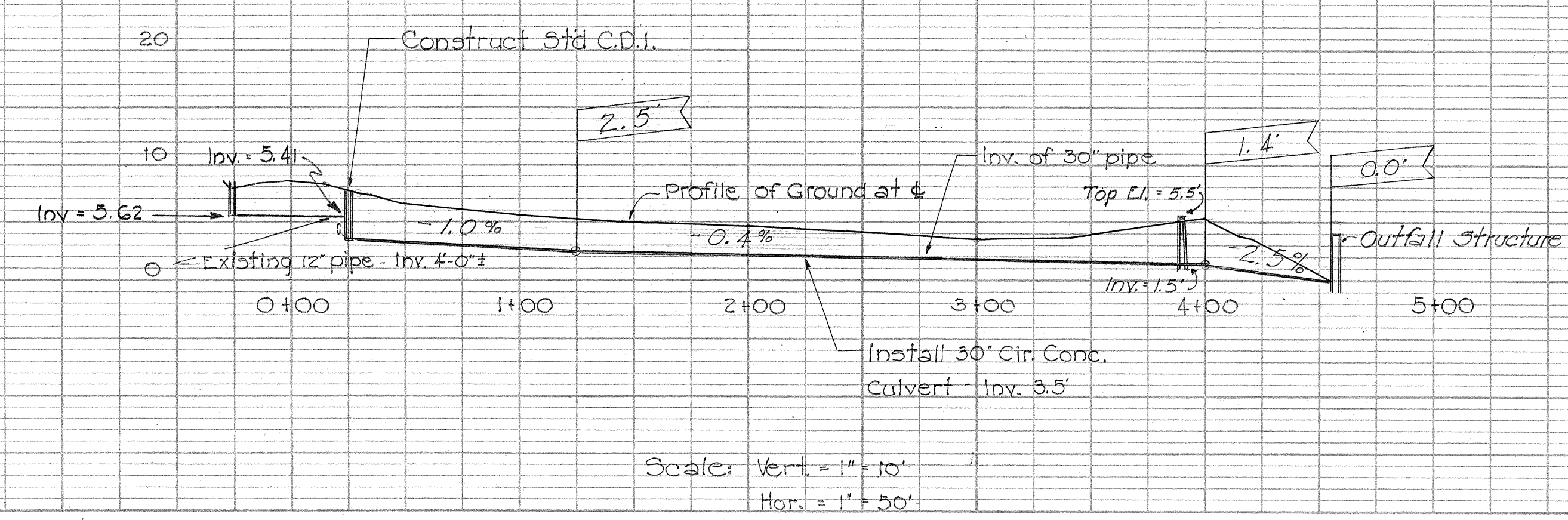
DETAIL OF TRENCH BACKFILL & PAVEMENT REPAIR
Scale: 1/2" = 1'-0"

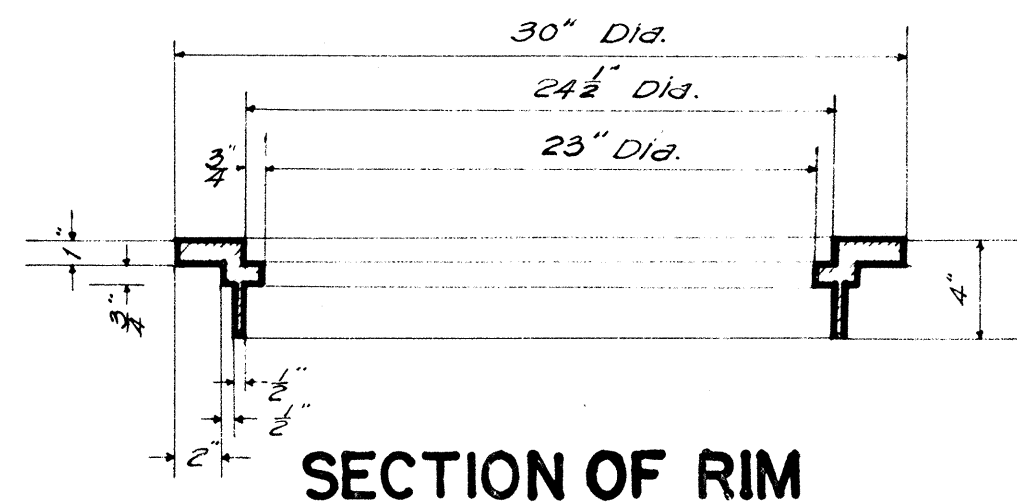


DETAIL OF CONC. OUTFALL STRUCTURE
Scale: 1/2" = 1'-0"

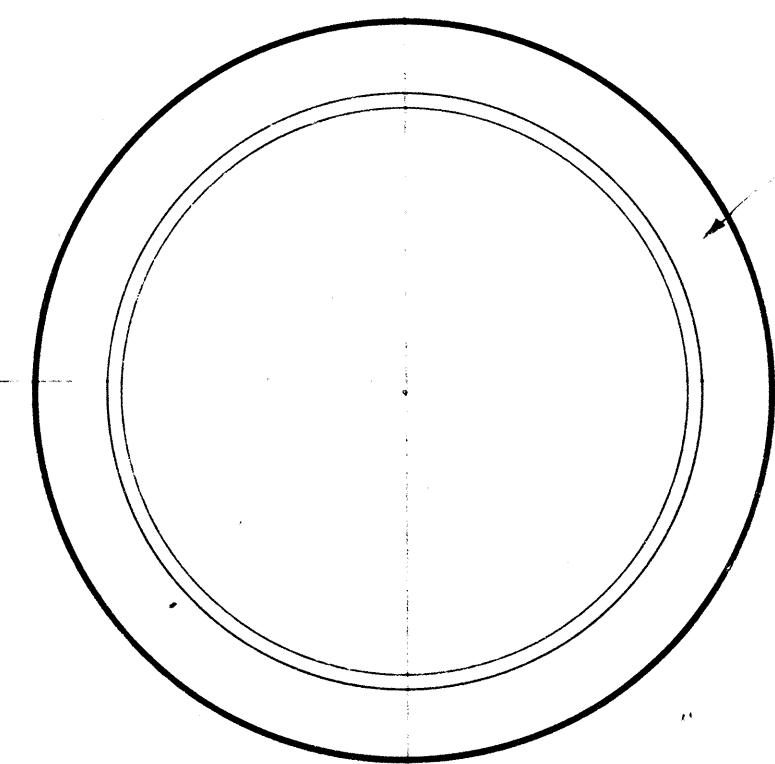
NOTE!

The trench in which the Conc. pipe is laid shall be backfilled to the elevation of the adjacent existing ground but where this elevation is less than one (1) foot above the top of pipe backfill shall be carried to such an elevation as to obtain at least one (1) foot of cover over the pipe. If the material from the trench excavation is insufficient to complete the necessary backfill, then the Contractor shall furnish the additional backfill material. This material, if required shall be considered as being included in the lump sum bid.

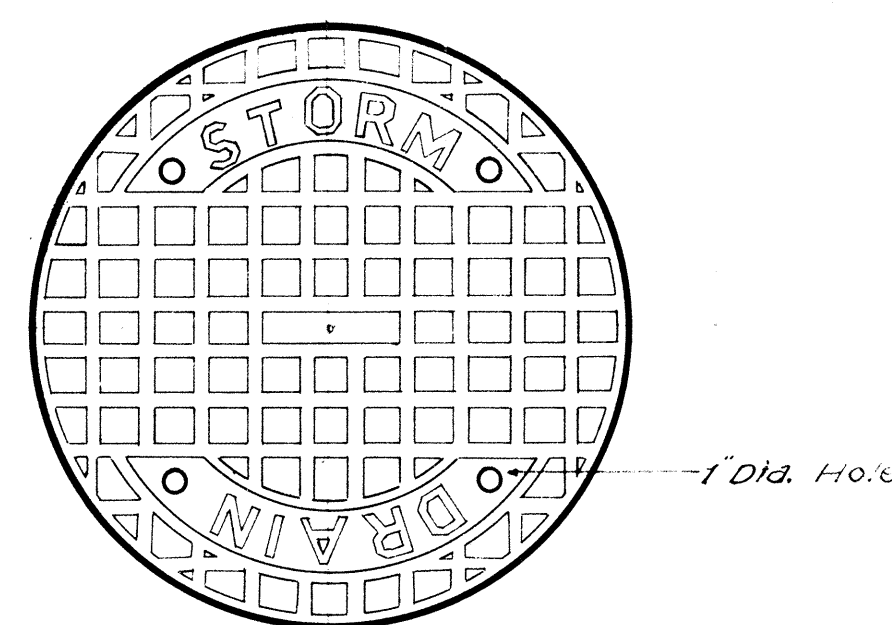




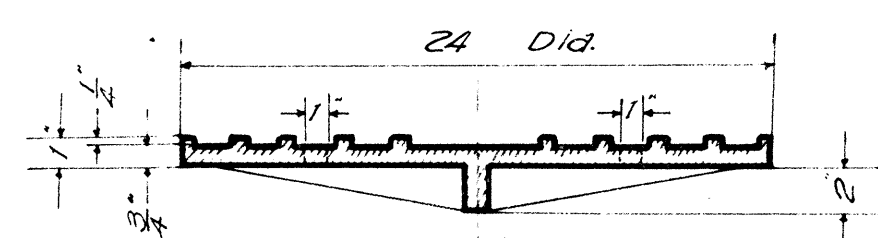
SECTION OF RIM



PLAN OF RIM

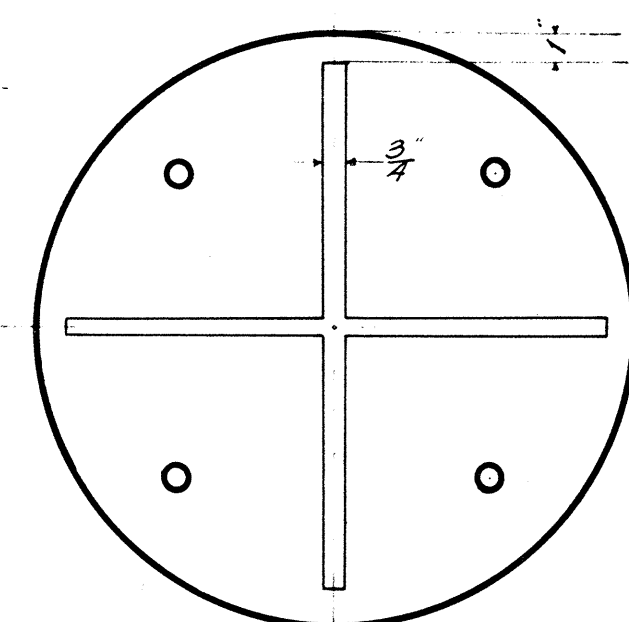


PLAN OF COVER TOP



SECTION OF COVER

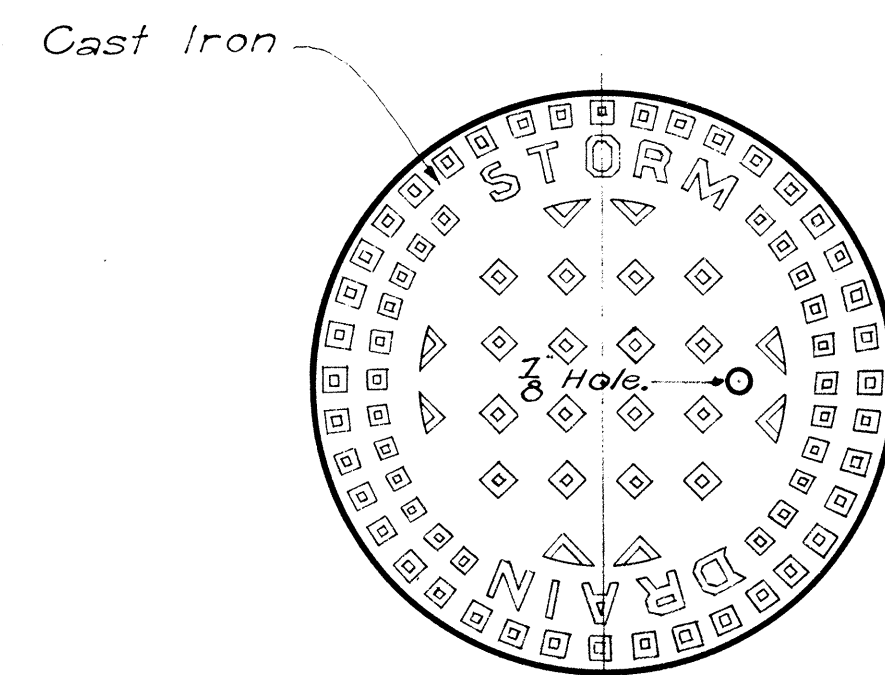
NOTE: A unit includes both Rim and Cover



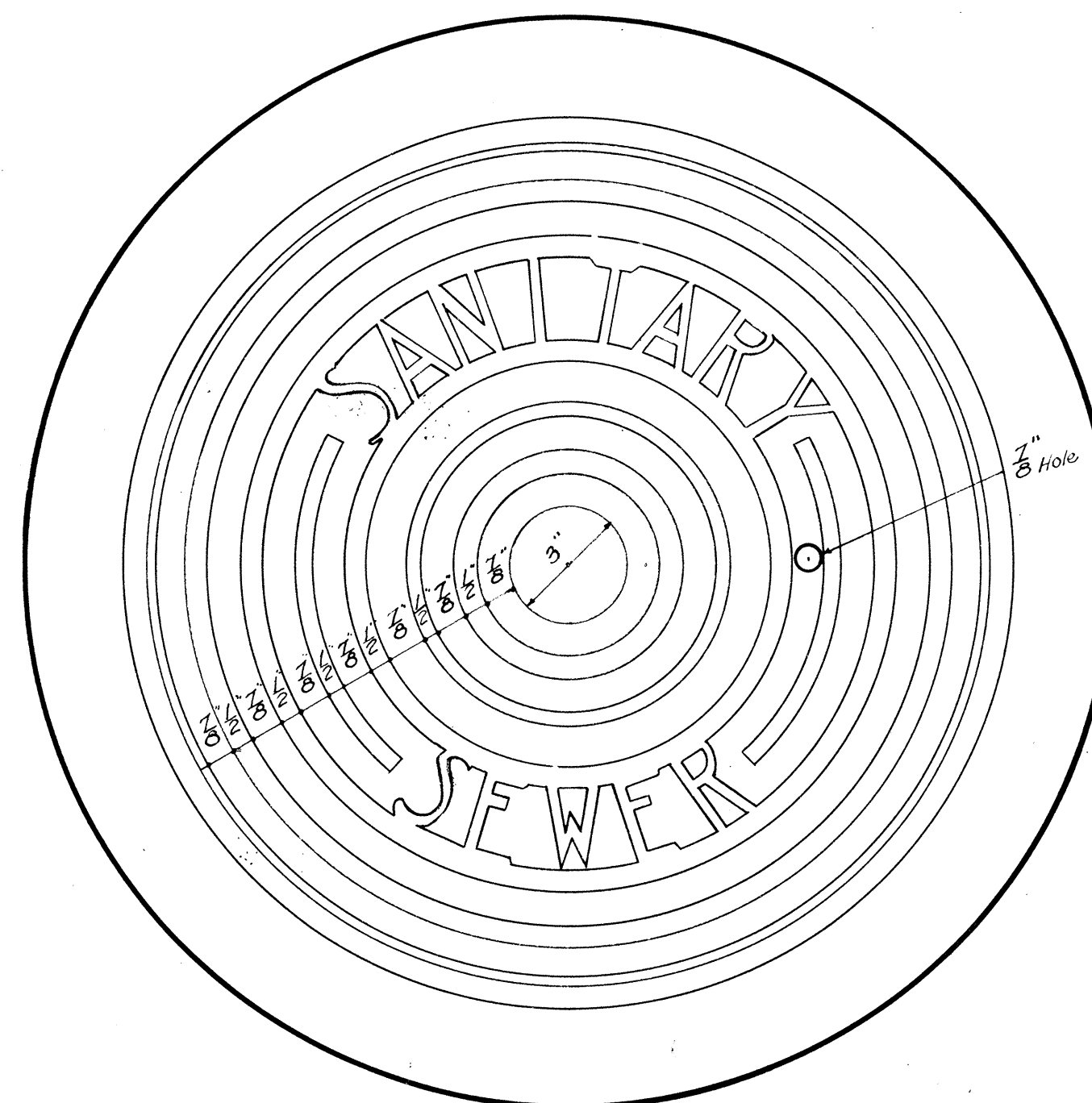
BOTTOM VIEW OF COVER
TYPE "B"

STANDARD CATCH BASIN CASTINGS

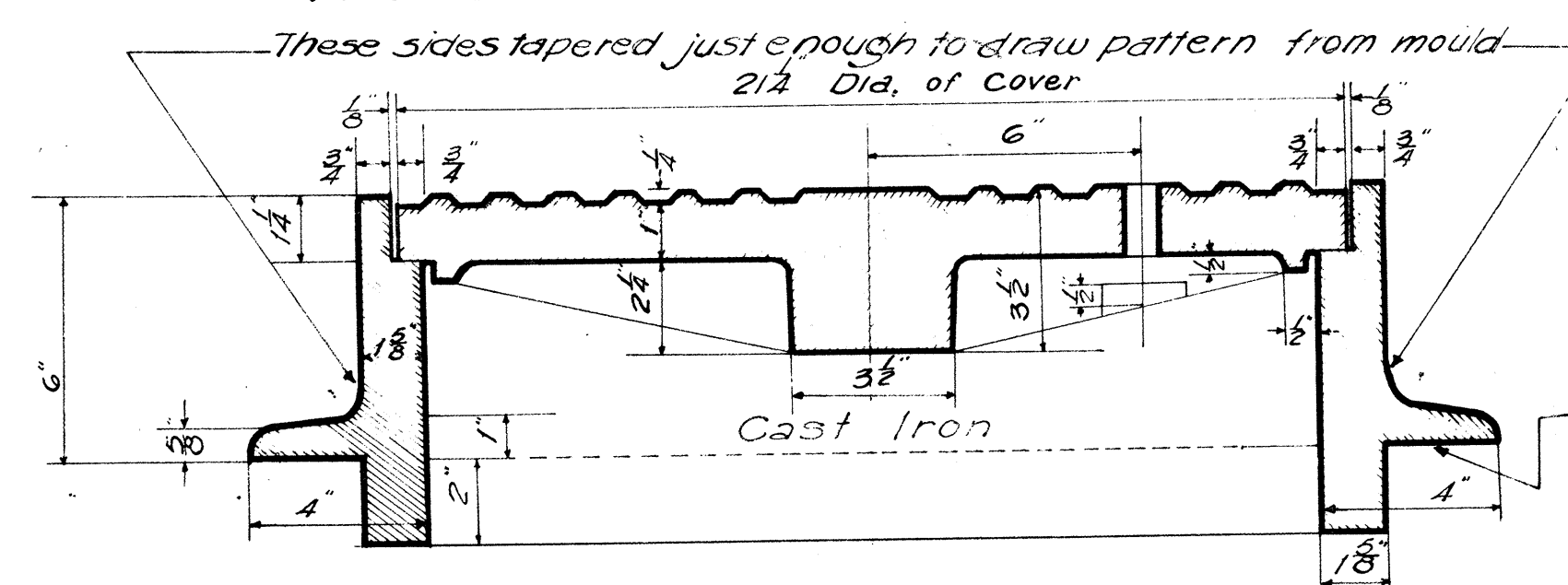
Scale: 1-1/2" = 1'-0"



PATTERN FOR STORM DRAIN MANHOLE COVER

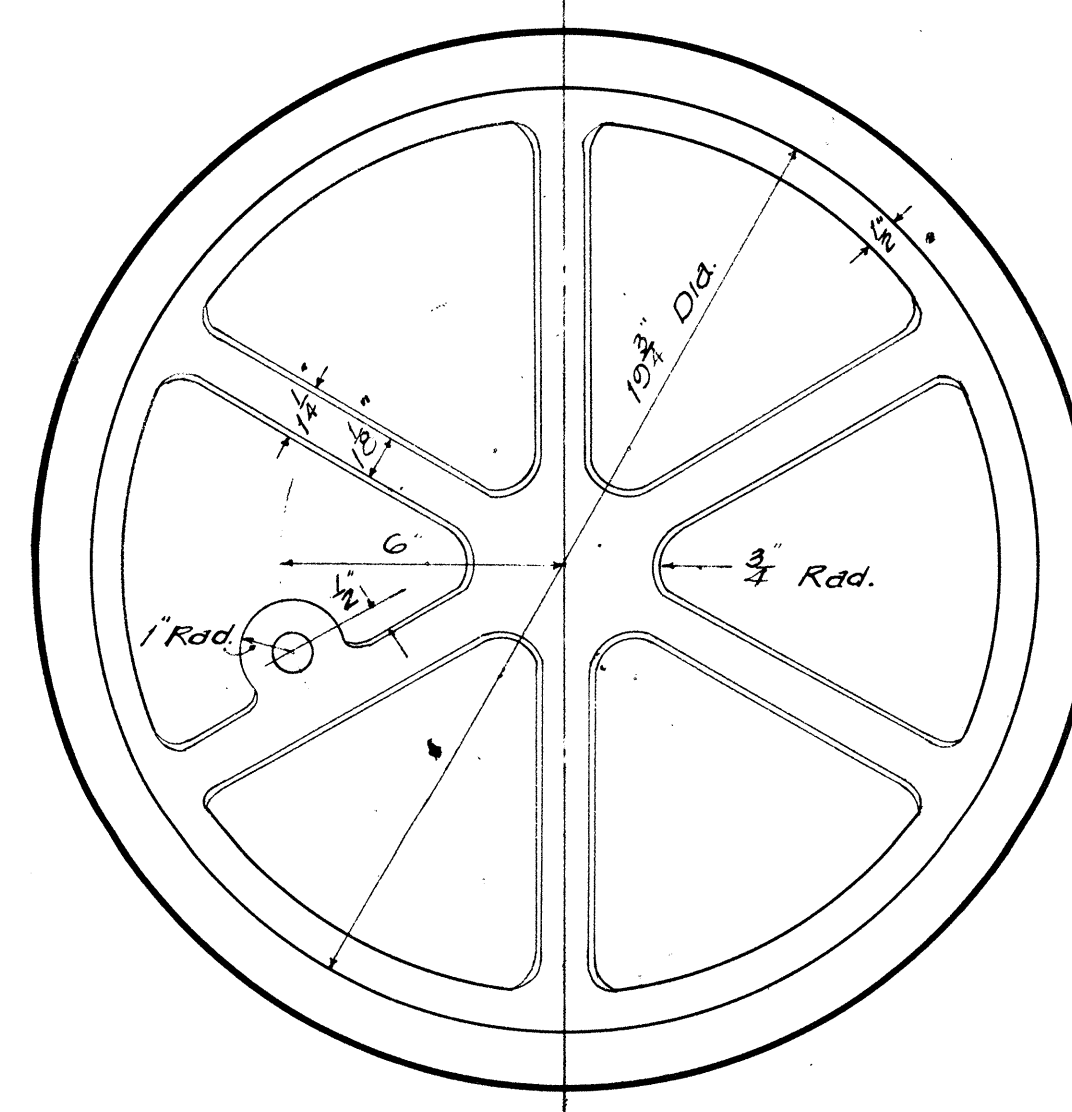


PATTERN FOR SEWER MANHOLE COVER



SECTION

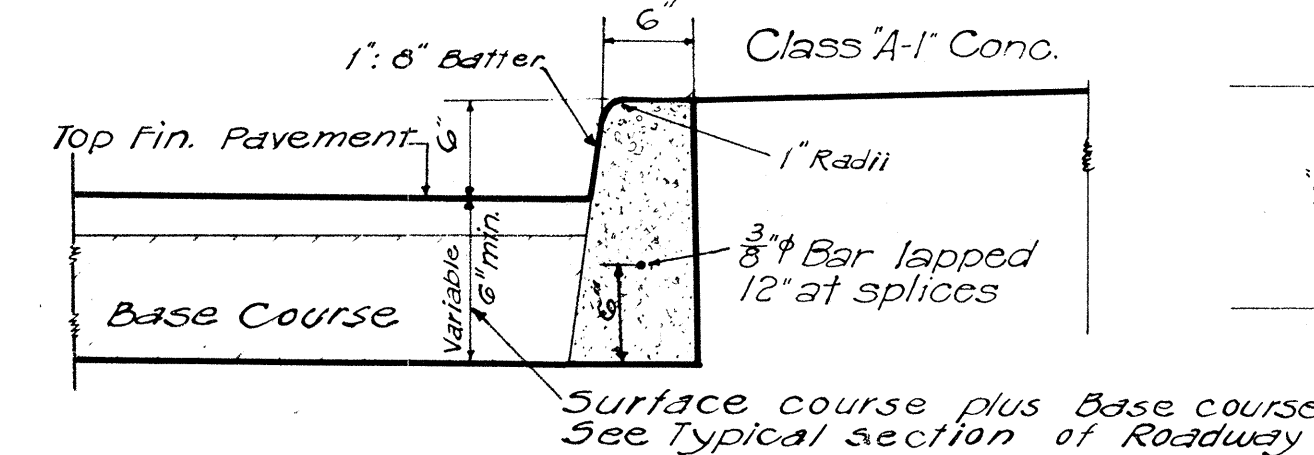
NOTE: A unit includes both Frame and Cover



BOTTOM VIEW OF COVER
TYPE "A"
STANDARD MANHOLE CASTINGS

Scale: 3" = 1'-0"

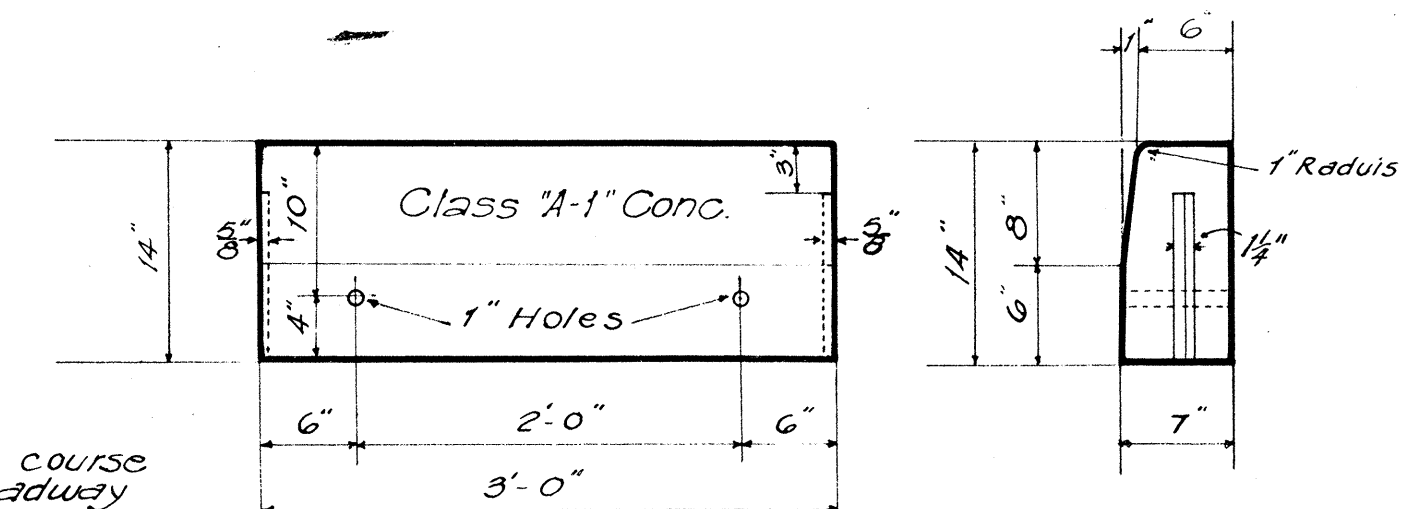
NOTE: The pattern for water manhole covers shall be the same as for sanitary sewer except that the word "Water" shall be substituted for "Sanitary Sewer".



SECTION

ST'D. CAST IN PLACE CONC. CURB

Scale: 1" = 1'-0"

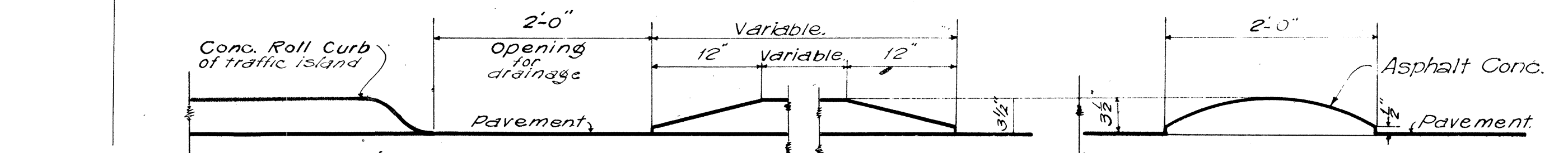


FRONT ELEV

END ELEV

ST'D. PRECAST CONC. CURB

Scale: 1" = 1'-0"

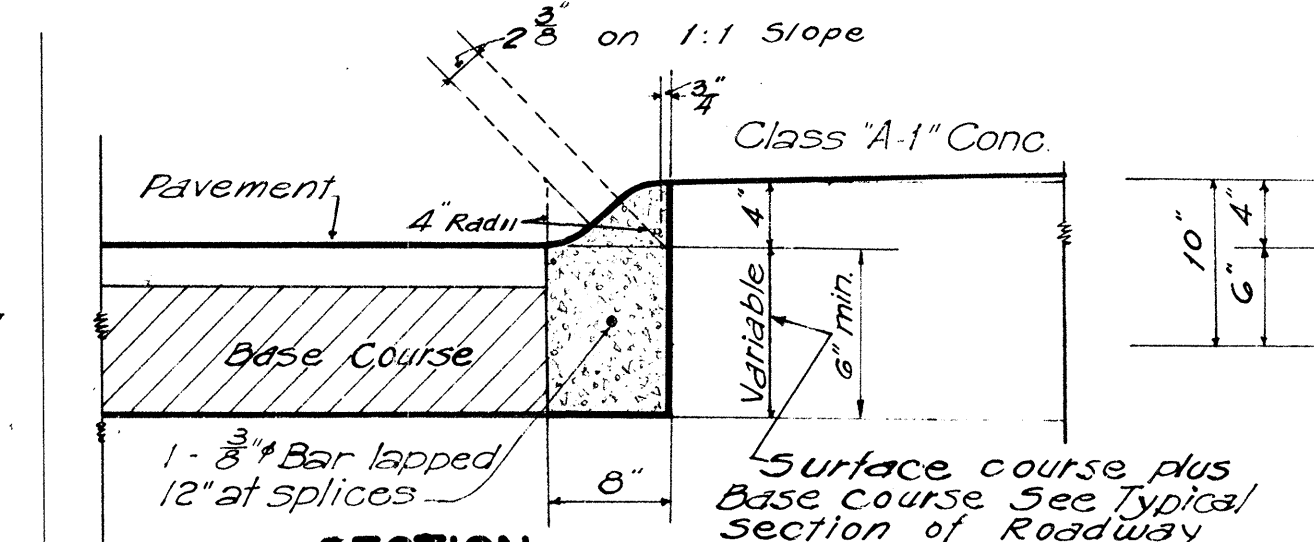


ELEVATION

DETAIL OF A. C. ROLL

Scale: 1" = 1'-0"

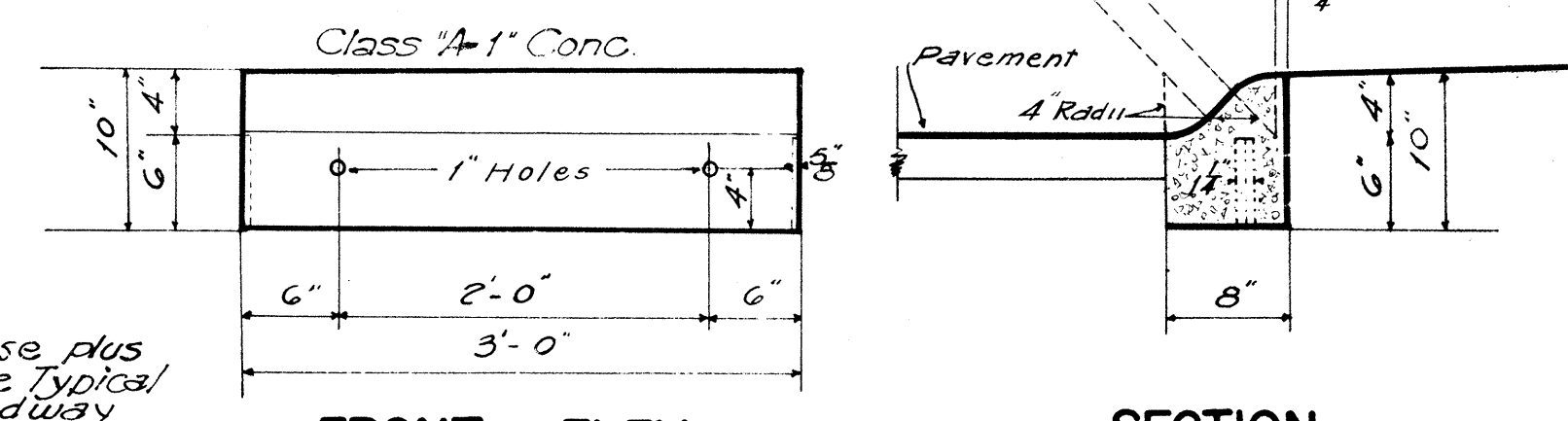
NOTE: There may be more than one over-all curb height used on an individual project depending upon Base Courses used, but this shall make no difference in items under which payment is made.



SECTION

ST'D. CAST IN PLACE CONC. ROLL CURB

Scale: 1" = 1'-0"

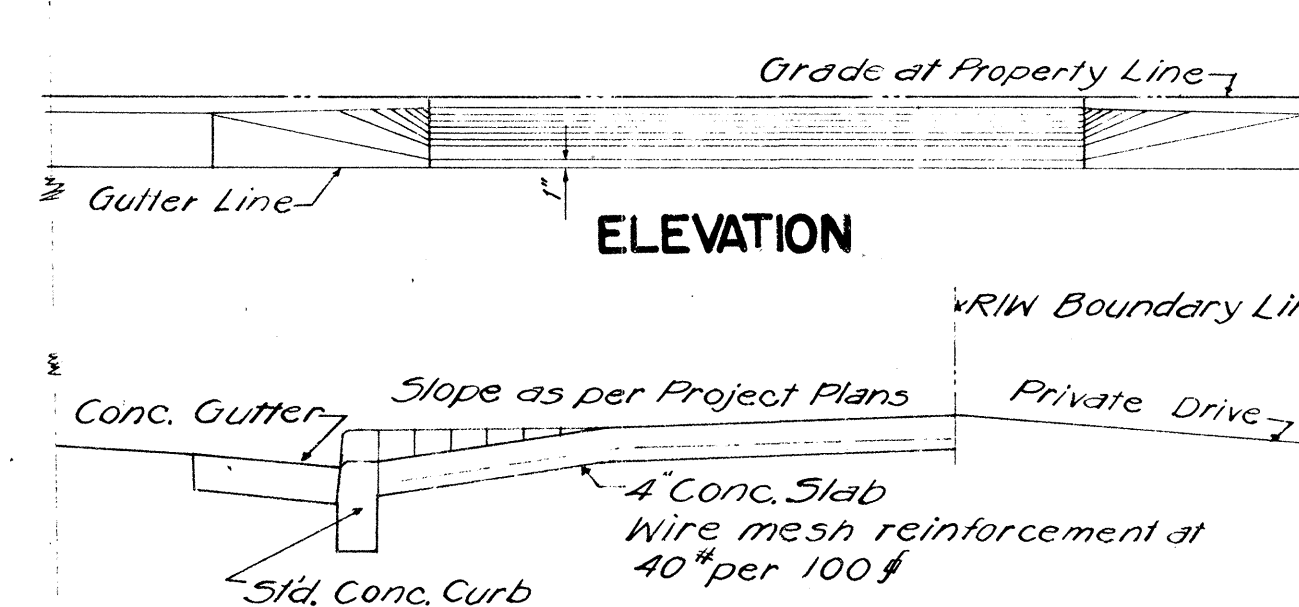


FRONT ELEV

SECTION

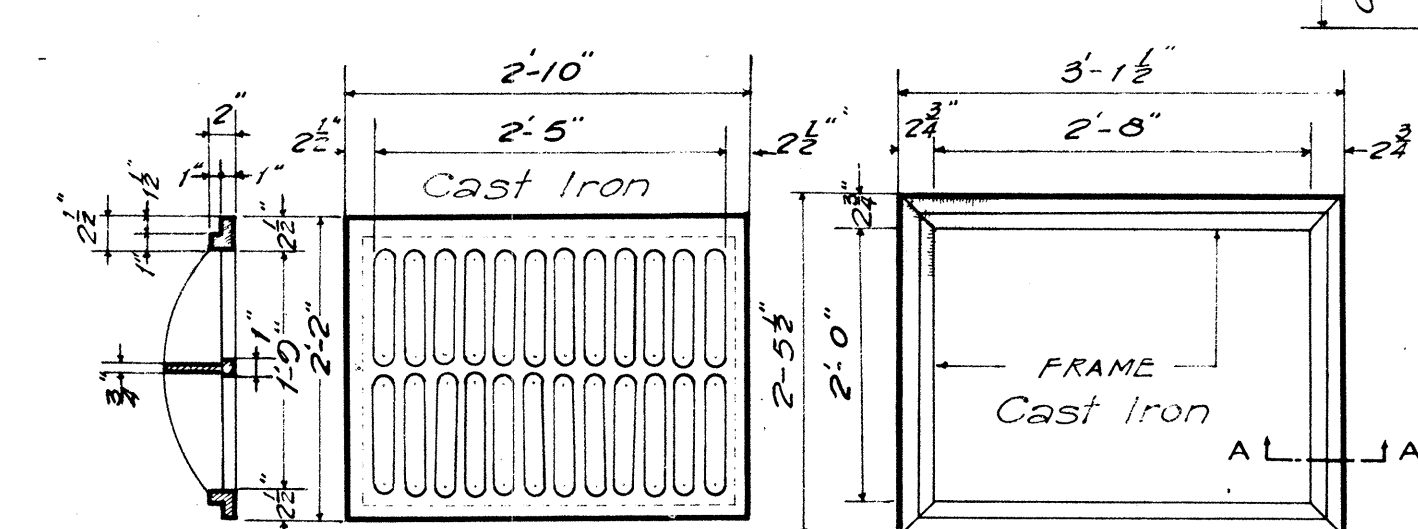
ST'D. PRECAST CONC. ROLL CURB

Scale: 1" = 1'-0"



ELEVATION

SECTION

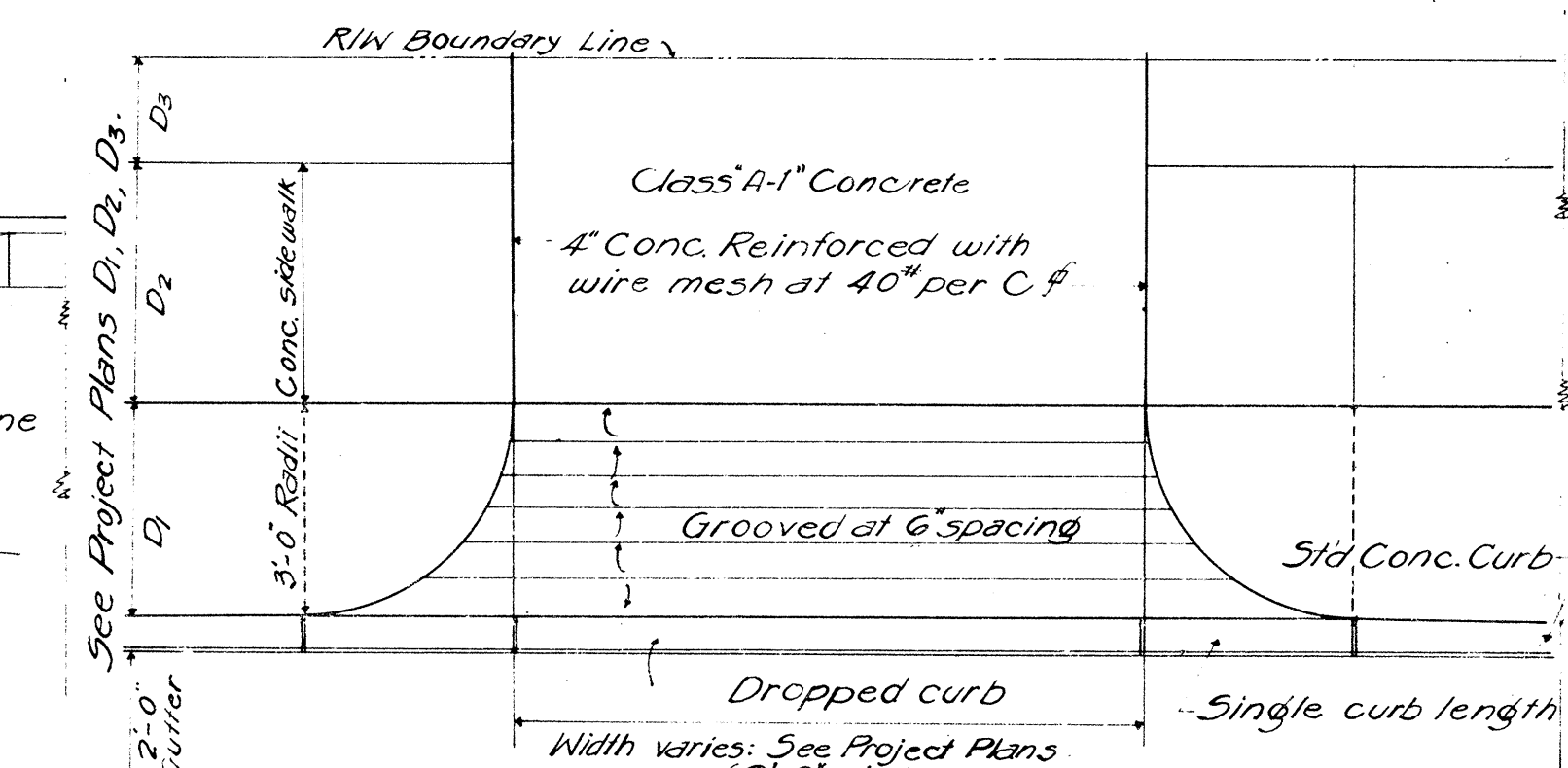


TOP VIEW

STANDARD C. I. FRAME AND GRATE TYPE "C"

Scale: 3/4" = 1'-0"

NOTE: Stock Pattern from Novelty Foundry-Honolulu



PLAN
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

5451.3