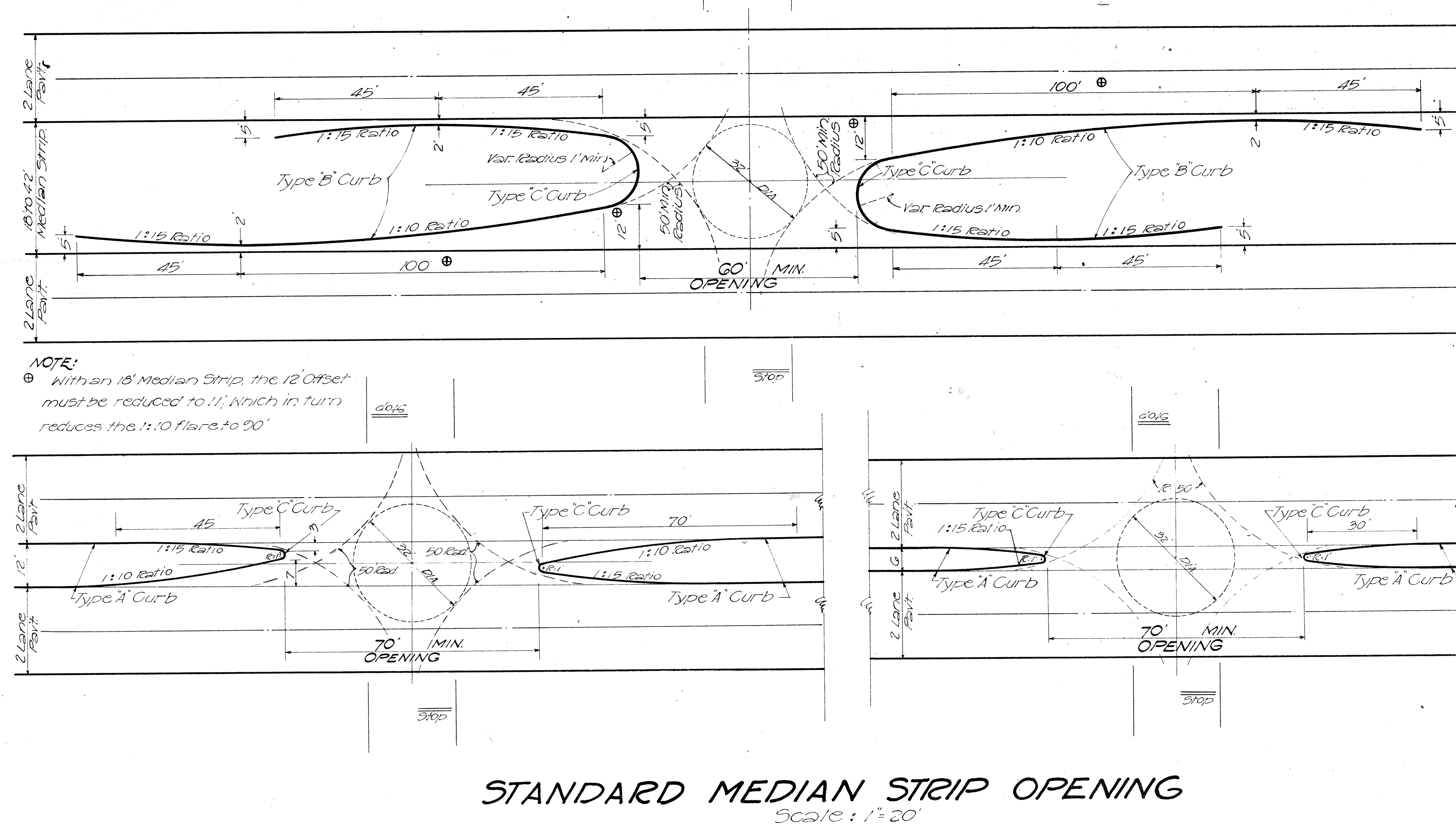
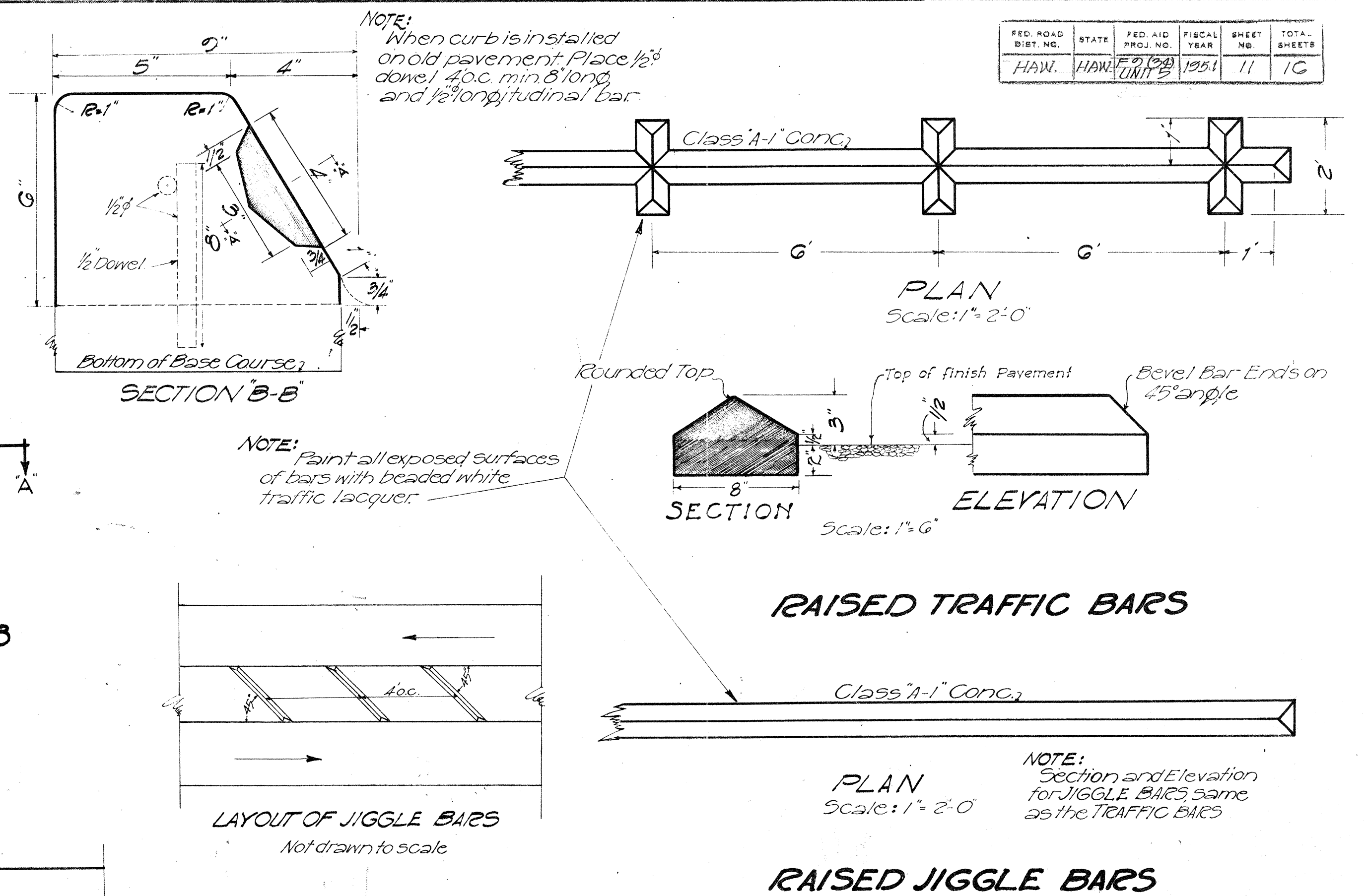
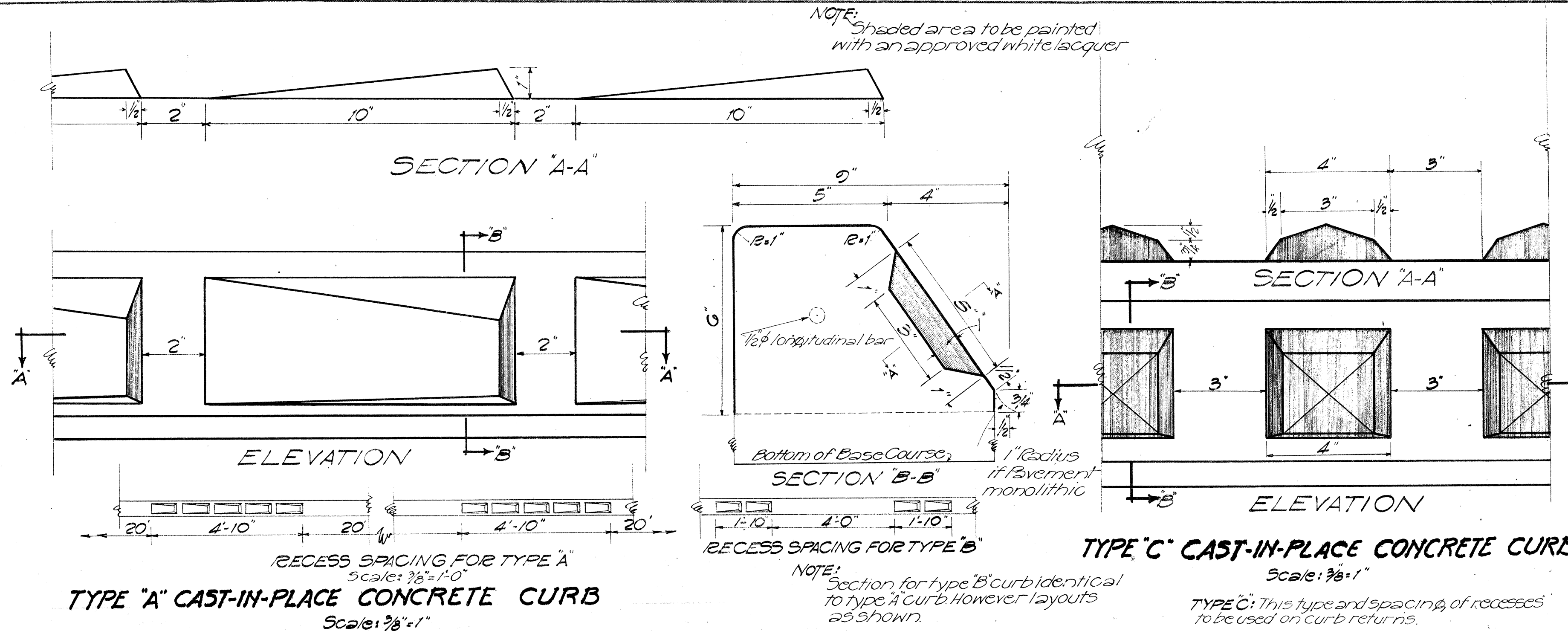
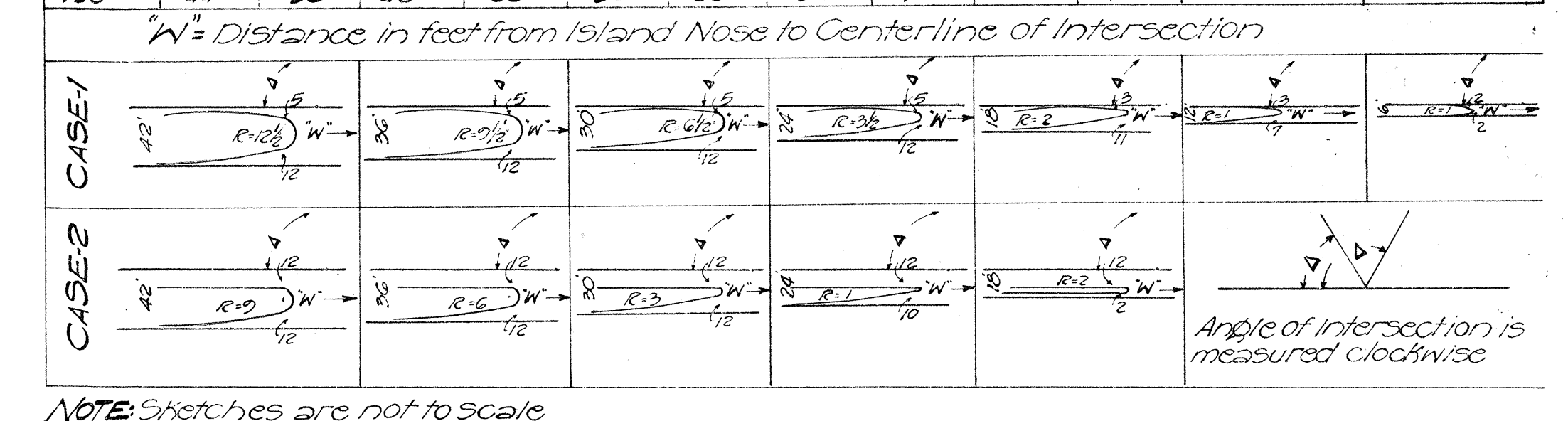
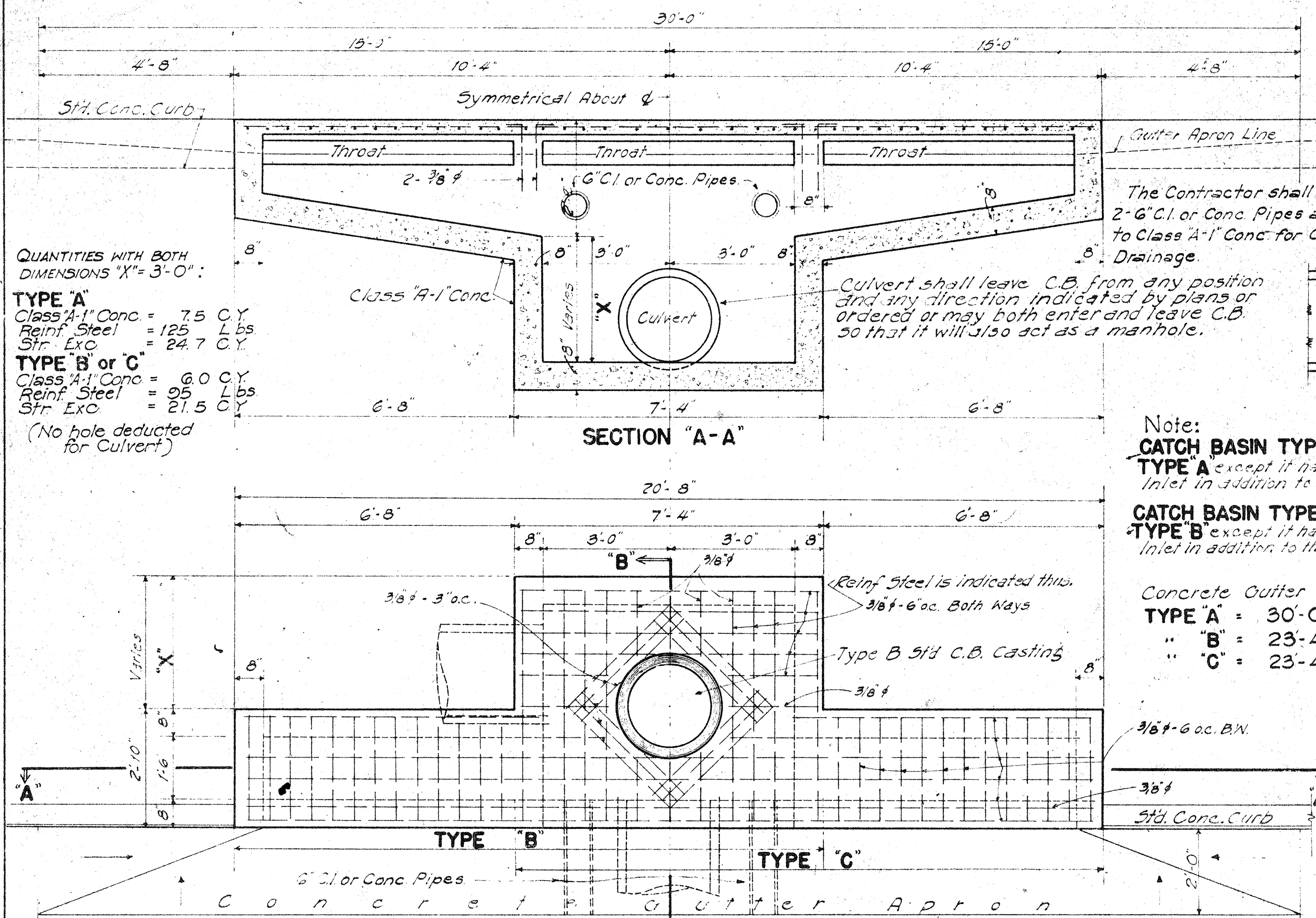




Angle of Inters.	WIDTH OF MEDIAN STRIP									
	42'	36'	30'	24'	18'	12'	6'	42'	36'	30'
60°	54	58	62	66	70	74	78	82	86	90
65°	48	52	56	60	64	68	72	76	80	84
70°	42	46	50	54	58	62	66	70	74	78
75°	36	40	44	48	52	56	60	64	68	72
80°	30	34	38	42	46	50	54	58	62	66
85°	24	28	32	36	40	44	48	52	56	60
90°	18	22	26	30	34	38	42	46	50	54
95°	12	16	20	24	28	32	36	40	44	48
100°	6	10	14	18	22	26	30	34	38	42
105°	3	7	11	15	19	23	27	31	35	39
110°	2	6	10	14	18	22	26	30	34	38
115°	1	5	9	13	17	21	25	29	33	37
120°	1	4	8	12	16	20	24	28	32	36





QUANTITIES WITH BOTH DIMENSIONS "X" = 3'-0":

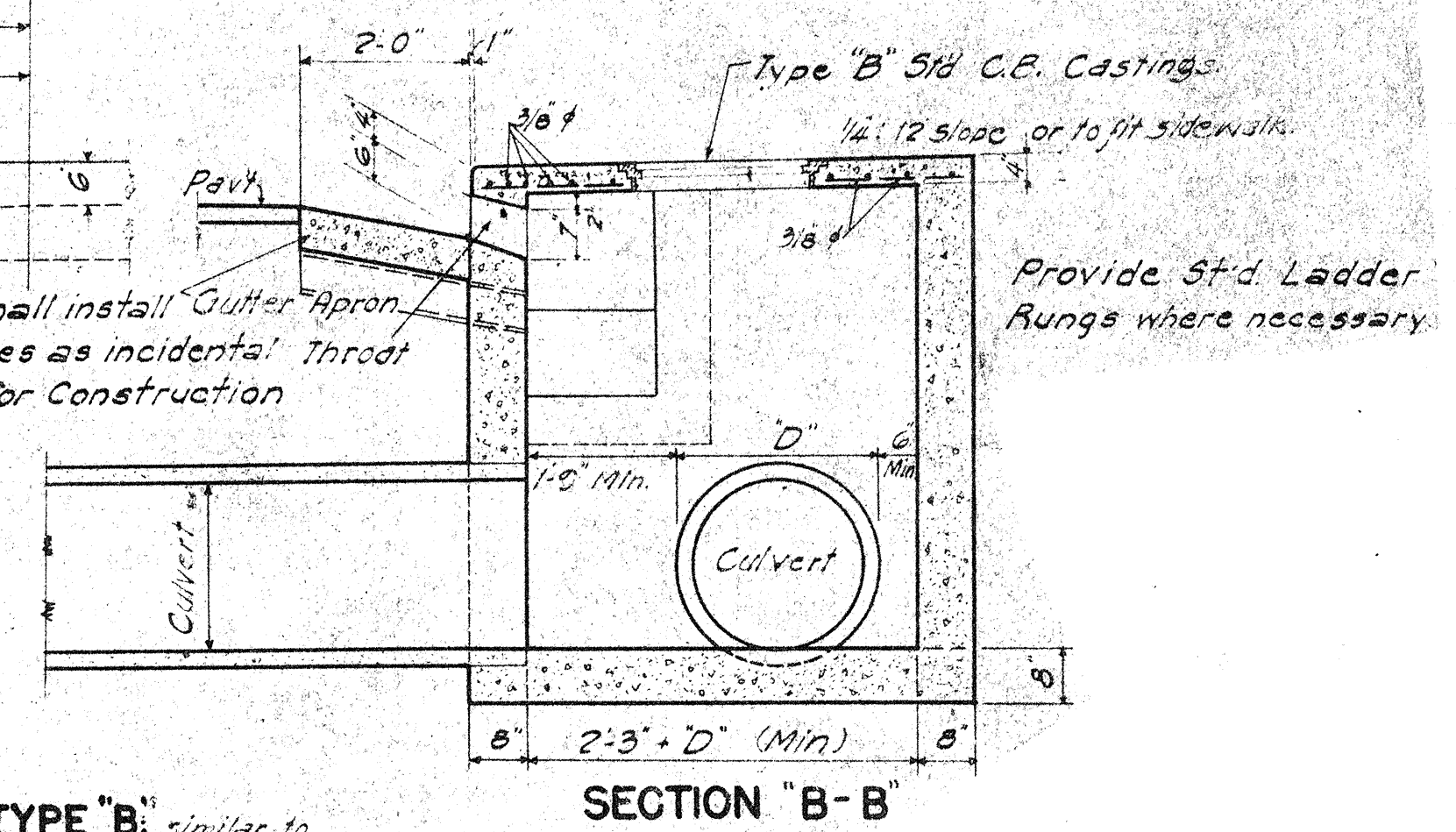
TYPE A
 Class "A-1" Conc. = 7.5 CY
 Reinf. Steel = 125 LBS
 Str. Exc. = 24.7 CY

TYPE B or C
 Class "A-1" Conc. = 6.0 CY
 Reinf. Steel = 95 LBS
 Str. Exc. = 21.5 CY

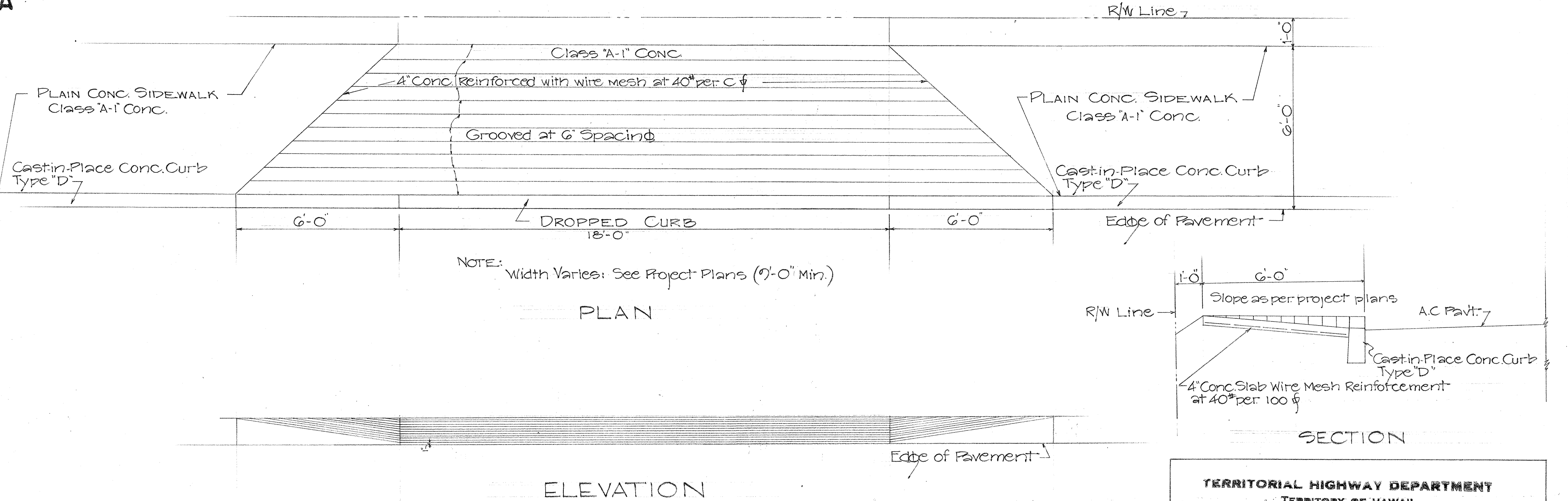
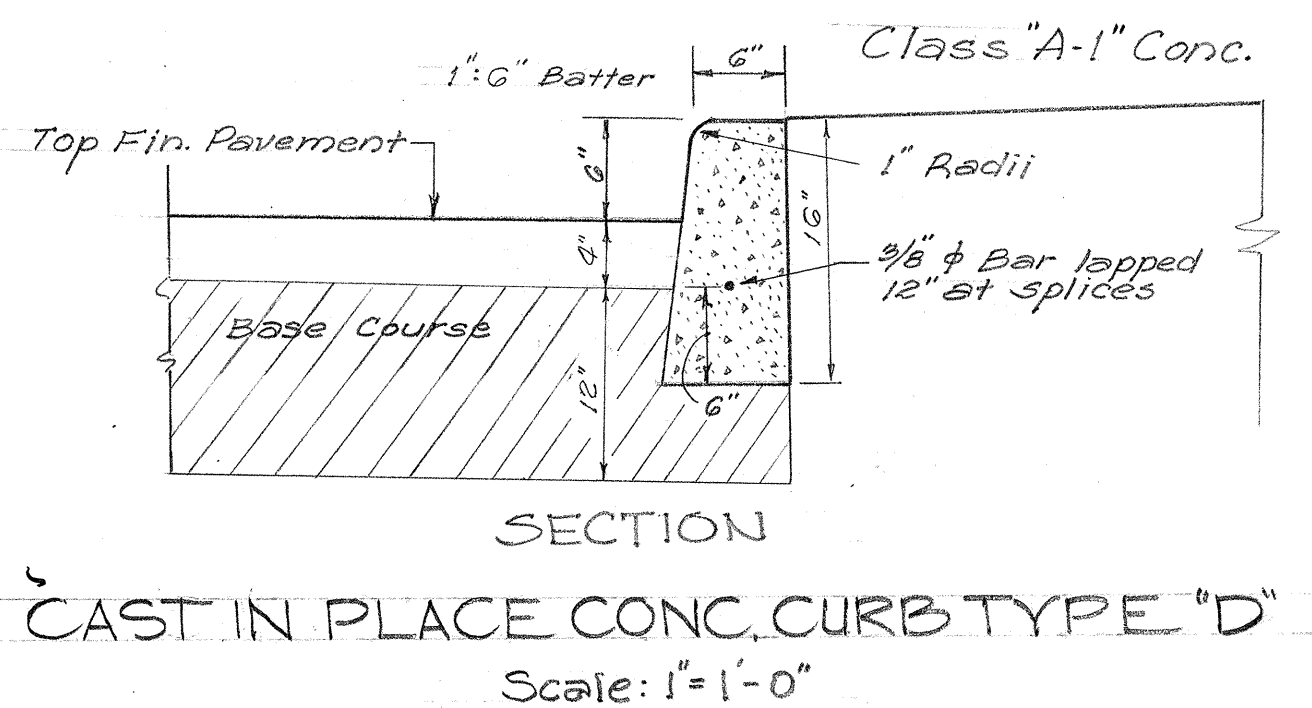
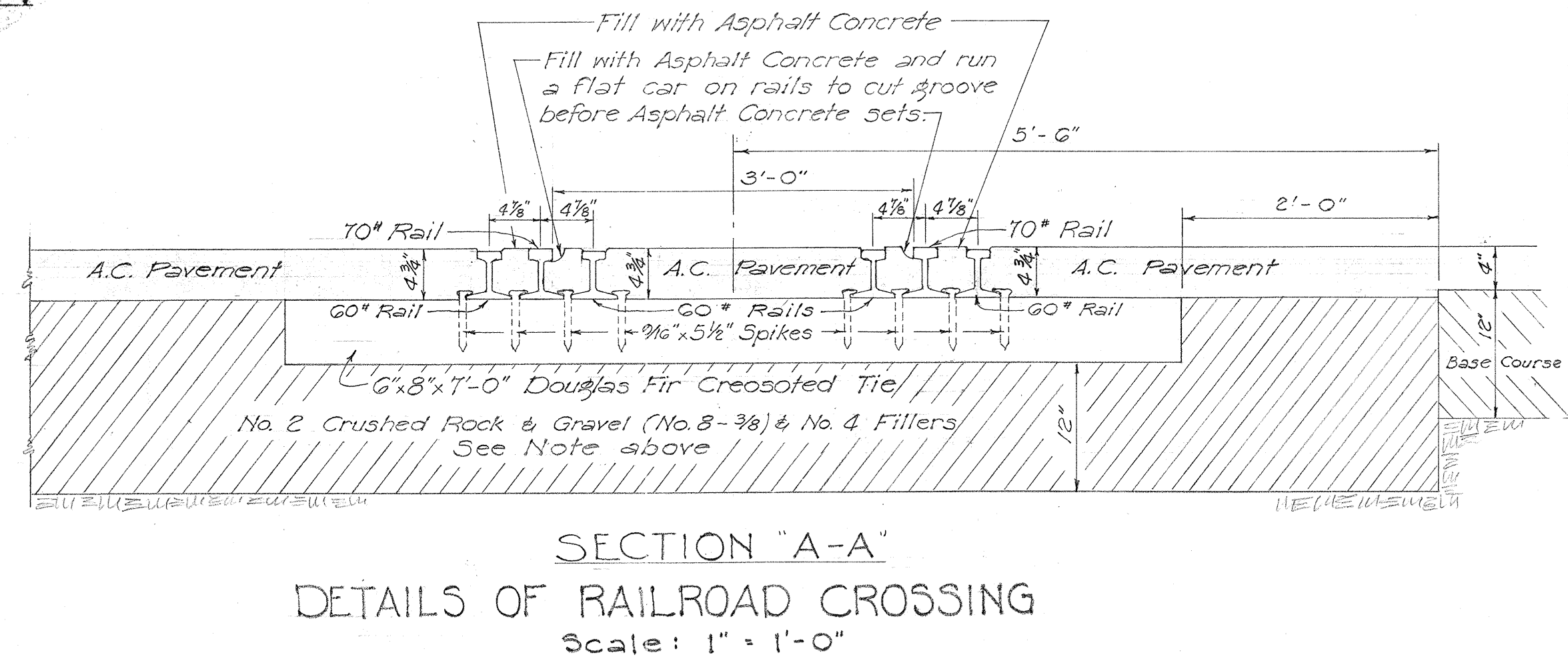
(No hole deducted for Culvert)

Note:
CATCH BASIN TYPE "B" similar to **TYPE A** except it has only Left Side Inlet in addition to the Main Box.
CATCH BASIN TYPE "C" similar to **TYPE B** except it has only Right Side Inlet in addition to the Main Box.

Concrete Gutter Apron Length:
TYPE A = 30'-0"
"B" = 23'-4"
"C" = 23'-4"



NOTE:
 Asphalt Concrete Pavement is to have 4 3/4" thickness with surface 1/8" above rails. Place this in two layers: the first layer (Mix III) to be 2 3/4" thick (loose) and thoroughly compacted with rollers and pneumatic tools; the second layer (Mix V) sufficiently thick to bring surface to grade, shall be tamped with pneumatic tools around tracks and finished by rolling in both directions with 10 ton power roller. Keep A.C. material off of rail tops during this operation.
 The hatched area from top of tie to 18" below top of tie is to be covered with No. 2 crushed rock, filled with gravel (No. 8-3/8) and No. 4 crushed rock sand fillers, properly sprinkled with water if necessary, and tamped with pneumatic tamping tools until fully consolidated. However, if existing coral ballast is found sufficient, the above layer may be omitted.



TERRITORIAL HIGHWAY DEPARTMENT
 TERRITORY OF HAWAII

STANDARD DETAILS

SCALES AS NOTED

APPROVED _____
 Territorial Highway Engineer

SHEET NO. 12 OF 16 SHEETS