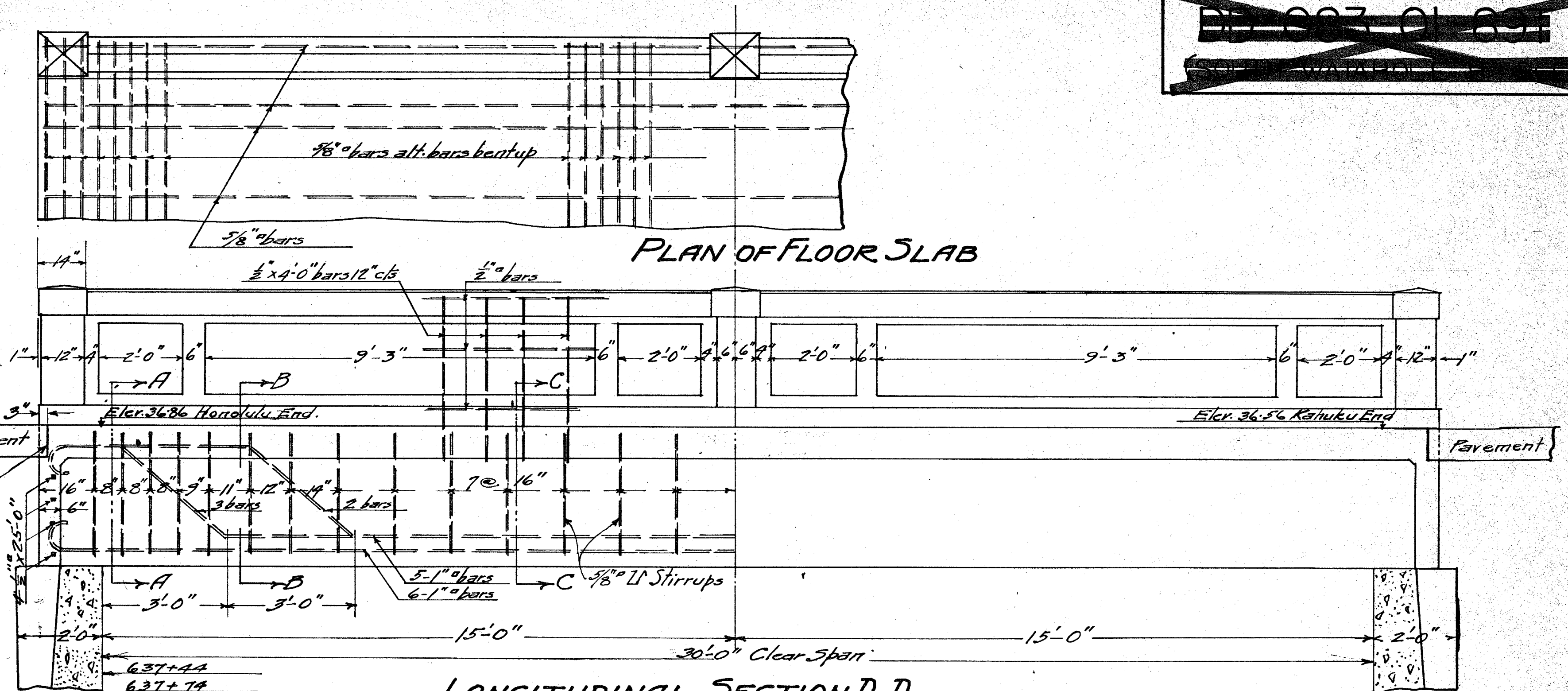
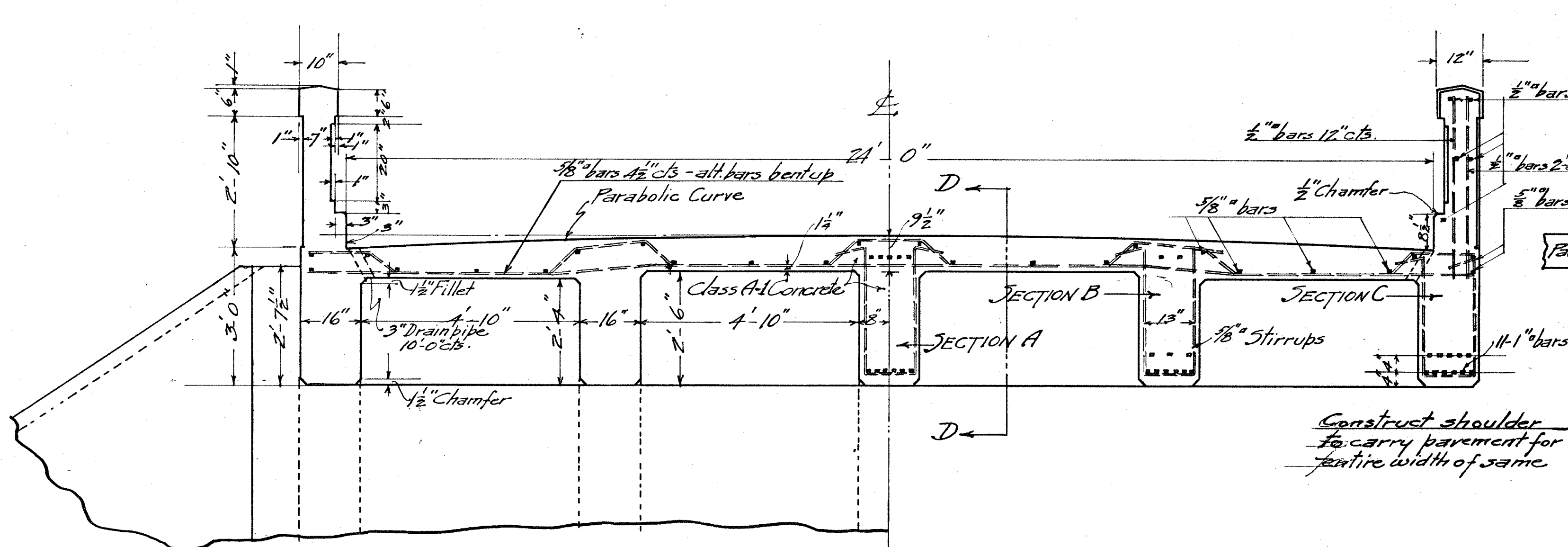


~~SECRET~~



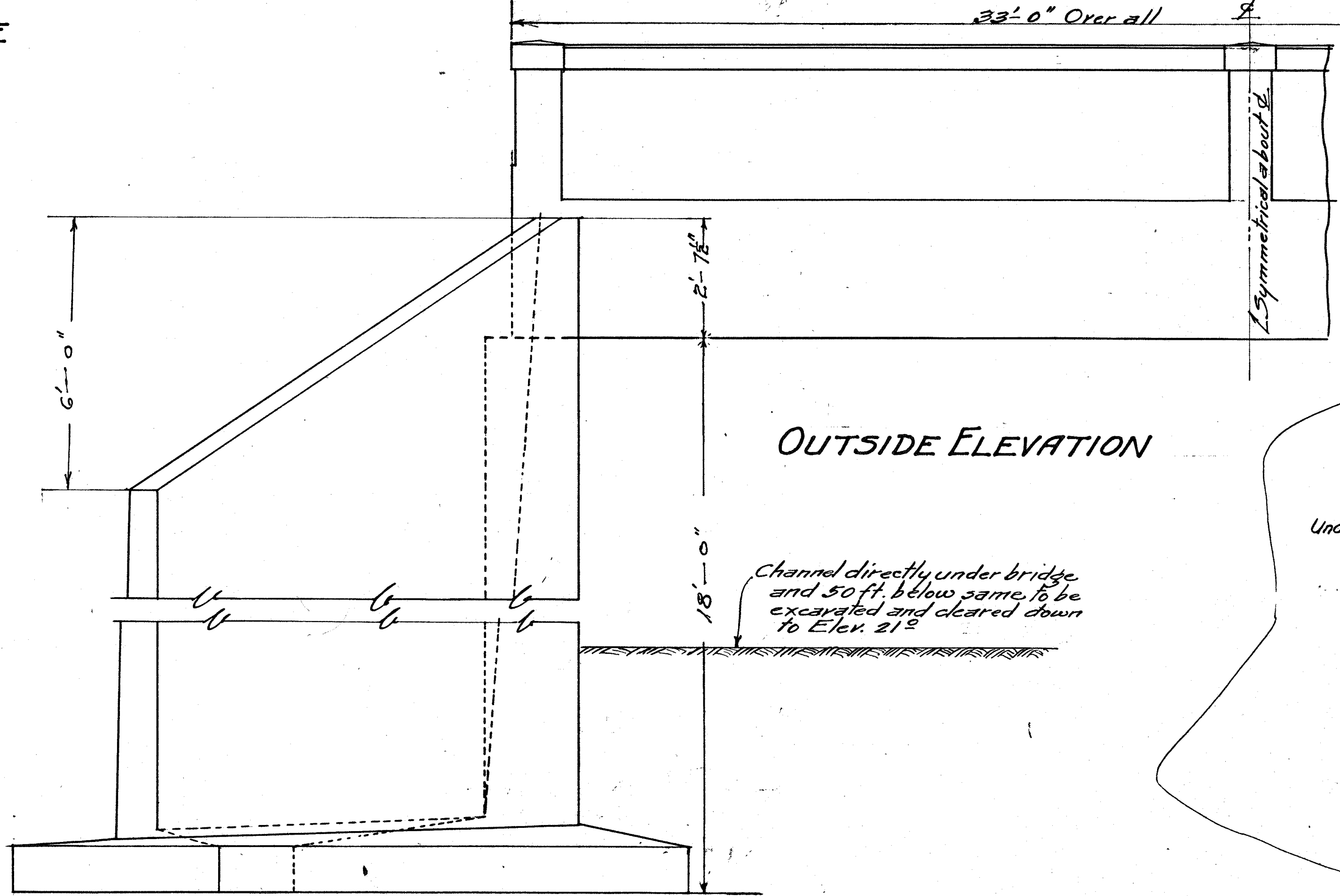
LONGITUDINAL SECTION D-D.



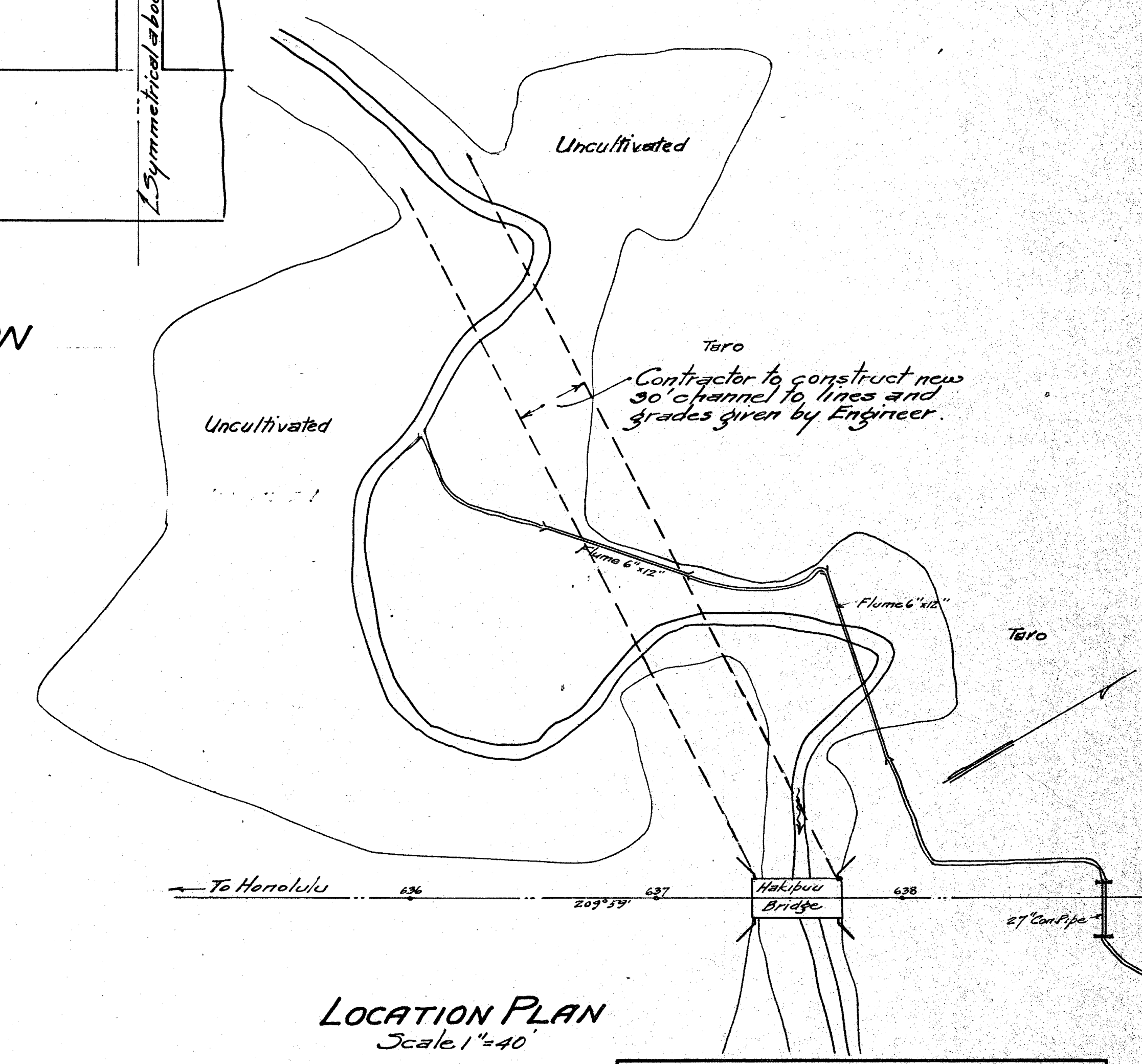
CROSS SECTION THRU. BRIDGE

SCHEDULE OF REINFORCEMENT SUPER-STRUCTURE							
ITEM	LOCATION	EB. JEE	LENGTH	TOTAL LENGTH	BENDING	WITHIN FT	TOTAL MT.
1	Girders	30	1" 34'-6"	1035'-0"		3.43	3550.0
2	"	15	1" 36'-0"	540'-0"		3.43	1852.2
3	"	10	1" 36'-0"	360'-0"		3.43	1234.8
4	"	145 $\frac{5}{8}$ "	7'-6"	1087'-6"		1.35	1468.1
5	Slab	44 $\frac{5}{8}$ "	25'-8"	1129'-4"		1.35	1524.6
6	"	44 $\frac{5}{8}$ "	27'-6"	1210'-0"		1.35	1633.5
7	"	43 $\frac{5}{8}$ "	17'-6"	840'-0"		1.35	1134.0
8	Rail	20 $\frac{2}{3}$ "	17'-0"	340'-0"		0.86	292.4
9	"	59 $\frac{1}{2}$ "	4'-0"	396'-0"		0.86	340.5
10	Diaphragm	8 $\frac{5}{8}$ "	25'-0"	200'-0"		0.86	172.0
Total Mt.						13202.1	146.1

Item 4 to be supplied by the City & County
as per specifications.



OUTSIDE ELEVATION



LOCATION PLAN
Scale 1"=40'

APPROXIMATE QUANTITIES.

Class A-1 Concrete	50 cu. yds.
Class A Concrete	130 cu. yds.

OFFICE OF THE CITY & COUNTY ENGINEER
HONOLULU, HAWAII

KAMEHAMEHA HIGHWAY
SECOND UNIT - SECTION 2
HAKIPUU BRIDGE
DETAILS

ENGINEER R.W.H. DATE March 1, 1922
DRAFTSMAN J.L.Y. CHECKED BY
SCALE 1" = 10' As Noted *Dudrick*
APPROVED: CITY AND COUNTY ENGINEER

APPROVED *Eugene H. Bigelow*
Supt. of Public Works.

SHEET 1 OF 2 SHEETS.

FILE NO. DD-~~100~~ O

