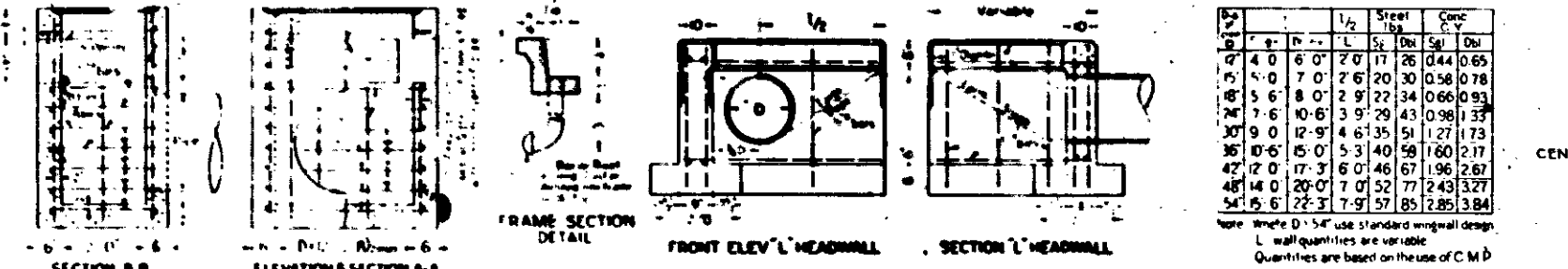
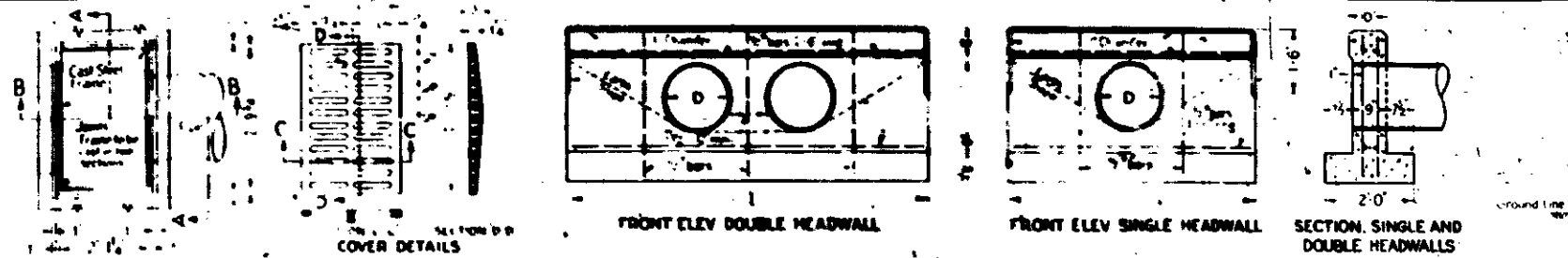


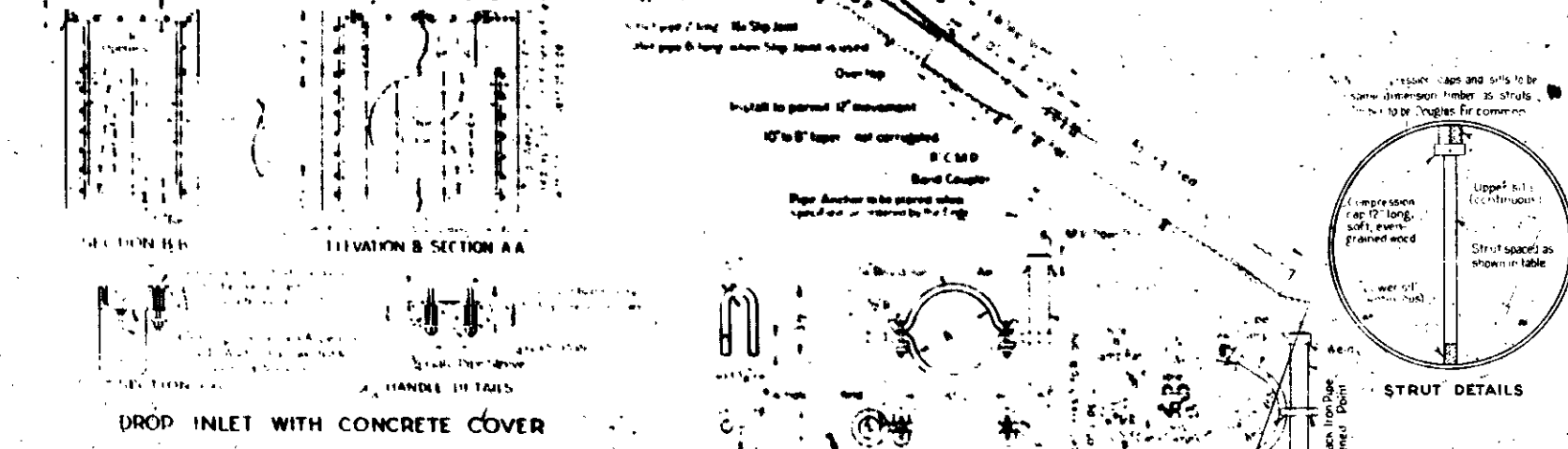
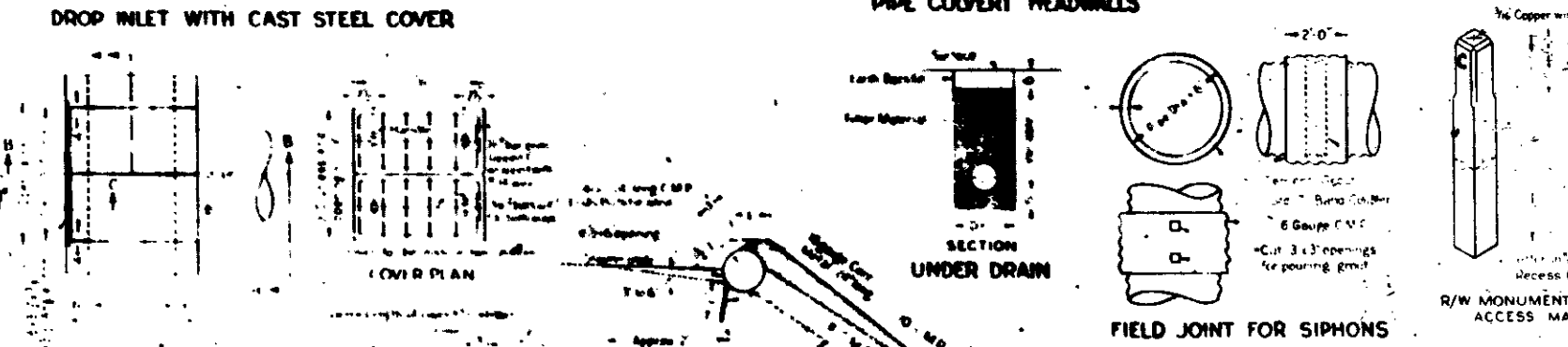
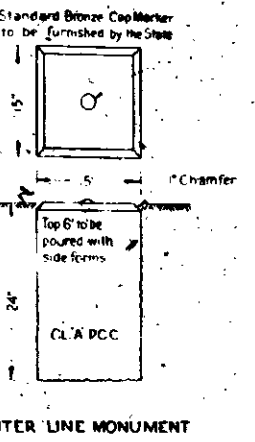
VIII 58d 190 58d 10-10

October 28, 1950

May 22, 1950



D	L	S	S	Steel		Conc			
				Lb	Sq Ft	Sq Ft	Qty		
4	0	6	0	2	0	17	26	0.44	0.65
5	0	7	0	2	6	20	30	0.58	0.78
6	0	8	0	2	9	22	34	0.66	0.93
7	0	9	0	3	9	24	38	0.76	1.05
8	0	10	0	3	9	26	43	0.86	1.17
9	0	12	0	4	6	35	51	1.27	1.73
10	0	15	0	5	3	40	58	1.60	2.17
12	0	17	0	6	0	46	67	1.96	2.67
14	0	20	0	7	0	52	77	2.43	3.27
16	0	22	0	7	9	57	85	2.85	3.84



Dia of Pipe	0 to 15' Fill		15 to 30' Fill		30 to 40' Fill		40 to 50' Fill		50 to 60' Fill		60 to 70' Fill		70 to 80' Fill		80 to 100' Fill	
	Size Spacing	Size Spacing	Size Spacing	Size Spacing	Size Spacing	Size Spacing	Size Spacing	Size Spacing	Size Spacing	Size Spacing	Size Spacing	Size Spacing	Size Spacing	Size Spacing	Size Spacing	
48"	4x4	6-0	4x4	6-0	4x4	5-0	4x4	4-0	4x4	5-0	4x4	4-6	4x4	4-6	4x4	4-6
54"	4x4	6-0	4x4	6-0	4x4	5-0	4x4	4-0	4x4	3-6	4x4	4-0	4x4	3-6	4x4	3-6
60"	4x4	6-0	4x4	6-0	4x4	5-0	4x4	4-0	4x4	3-6	4x4	4-0	4x4	3-6	4x4	3-6
66"	4x4	6-0	4x4	6-0	4x4	5-0	4x4	4-0	4x4	3-6	4x4	4-0	4x4	3-6	4x4	3-6
72"	4x4	6-0	4x4	6-0	4x4	5-0	4x4	4-0	4x4	3-6	4x4	4-0	4x4	3-6	4x4	3-6
78"	4x4	6-0	4x4	6-0	4x4	5-0	4x4	4-0	4x4	3-6	4x4	4-0	4x4	3-6	4x4	3-6
84"	4x4	6-0	4x4	6-0	4x4	5-0	4x4	4-0	4x4	3-6	4x4	4-0	4x4	3-6	4x4	3-6
90"	4x4	6-0	4x4	6-0	4x4	5-0	4x4	4-0	4x4	3-6	4x4	4-0	4x4	3-6	4x4	3-6
96"	4x4	6-0	4x4	6-0	4x4	5-0	4x4	4-0	4x4	3-6	4x4	4-0	4x4	3-6	4x4	3-6

CORRUGATED METAL PIPE AND FIELD ASSEMBLED PLATE CULVERTS STRUT DATA

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
**STANDARD STRUCTURES
PIPE HEADWALLS-ETC.**