

REINFORCEMENT SCHEDULE

MARK	SIZE	LENGTH	BENDING DIAGRAM	NO. REQD.	WT. EACH	TOTAL WEIGHT	LOCATION OF BAR
Pump House, East Wall							
823-3	1" $\square$	23'-3"	Straight	76	79.1	6012	Vertical, inside face
817-6	1" $\square$	17'-6"	do	8	59.5	476	Vertical, inside & outside face
815-9	1" $\square$	15'-9"	do	46	53.6	2466	Vertical, outside face
815-0	1" $\square$	15'-0"	do	6	51.0	306	Gate groove
812-3	1" $\square$	12'-3"	do	4	41.7	167	Vertical, inside & outside face
812-0	1" $\square$	12'-0"	do	3	40.8	122	Vertical, outside face
811-3	1" $\square$	11'-3"	do	16	38.3	613	Vertical, inside face
811-0	1" $\square$	11'-0"	do	20	37.4	748	Vertical, inside & outside face
88-6	1" $\square$	8'-6"	do	2	28.9	58	Vertical, outside face
810-3	1" $\square$	10'-3"	do	16	34.9	558	Vertical, inside face
87-6	1" $\square$	7'-6"	do	4	25.5	102	Vertical, outside face
87-0	1" $\square$	7'-0"	do	32	23.8	762	Around large pipes
84-9	1" $\square$	4'-9"	do	12	16.2	194	Inside & outside face
0630-0	$\frac{3}{4}$ " ϕ	30'-0"	do	79	45.1	3563	Horizontal, inside & outside face
0627-0	$\frac{3}{4}$ " ϕ	27'-0"	do	7	40.6	284	do
0626-9	$\frac{3}{4}$ " ϕ	26'-9"	do	1	40.2	40	Horizontal, inside face
0625-0	$\frac{3}{4}$ " ϕ	25'-0"	do	1	37.6	38	Horizontal, outside face
0622-0	$\frac{3}{4}$ " ϕ	22'-0"	do	6	33.0	198	Horizontal, inside & outside face
0618-3	$\frac{3}{4}$ " ϕ	18'-3"	do	1	27.4	27	Horizontal, inside face
0618-0	$\frac{3}{4}$ " ϕ	18'-0"	do	5	27.0	135	Horizontal, outside face
0617-0	$\frac{3}{4}$ " ϕ	17'-0"	do	26	25.5	663	Horizontal, inside & outside face
0616-9	$\frac{3}{4}$ " ϕ	16'-9"	do	1	25.2	25	Horizontal, outside face
0615-6	$\frac{3}{4}$ " ϕ	15'-6"	do	4	23.3	93	do
0614-0	$\frac{3}{4}$ " ϕ	14'-0"	do	8	21.0	168	Horizontal, inside & outside face
0612-6	$\frac{3}{4}$ " ϕ	12'-6"	do	5	18.8	94	do
0610-0	$\frac{3}{4}$ " ϕ	10'-0"	do	7	15.0	105	Horizontal, outside face
069-0	$\frac{3}{4}$ " ϕ	9'-0"	do	9	13.5	122	Horizontal, inside & outside face
068-6	$\frac{3}{4}$ " ϕ	8'-6"	do	1	12.8	13	Vertical, outside face
068-0	$\frac{3}{4}$ " ϕ	8'-0"	do	2	12.0	24	Horizontal, inside face
066-9	$\frac{3}{4}$ " ϕ	6'-9"	do	18	10.1	182	Horizontal, inside & outside face
066-0	$\frac{3}{4}$ " ϕ	6'-0"	do	18	9.0	162	Horizontal, outside face and gate groove
065-9	$\frac{3}{4}$ " ϕ	5'-9"	do	3	8.6	26	Horizontal, inside & outside face
064-0	$\frac{3}{4}$ " ϕ	4'-0"	do	4	6.0	24	Over door opening
0530-0	$\frac{3}{4}$ " ϕ	30'-0"	do	4	31.3	125	Horizontal, inside & outside face
0517-6	$\frac{3}{4}$ " ϕ	17'-6"	do	2	18.3	37	Horizontal, outside face
0511-6	$\frac{3}{4}$ " ϕ	11'-6"	do	4	12.0	48	do
0510-0	$\frac{3}{4}$ " ϕ	10'-0"	do	2	10.4	21	Horizontal, inside face
055-0	$\frac{3}{4}$ " ϕ	5'-0"	do	2	5.2	10	Horizontal, outside face
811-9AB	1" $\square$	11'-9"	Type AB	5	40.0	200	Conduit beyond wall
83-6	1" $\square$	9'-6"	do	2	32.3	62	Vertical, conduit beyond wall
810-6	1" $\square$	10'-6"	do	3	33.9	107	do
88-0	1" $\square$	8'-0"	do	2	27.2	54	do
066-6	$\frac{3}{4}$ " ϕ	6'-6"	do	3	9.8	29	Hor. conduit beyond wall
0624-9	$\frac{3}{4}$ " ϕ	24'-9"	do	2	37.2	74	do
0616-0	$\frac{3}{4}$ " ϕ	16'-0"	do	2	24.0	48	do
069-6	$\frac{3}{4}$ " ϕ	9'-6"	do	1	14.3	14	do
84-0	1" $\square$	4'-0"	do	3	15.9	44	Vert. conduit beyond wall
0628-0	$\frac{3}{4}$ " ϕ	28'-0"	do	1	42.1	42	Hor. conduit beyond wall
822-9BA	1" $\square$	22'-9"	a=13'-0" b=9'-9"	54	77.4	4180	Vertical, floor to wall
821-0BA	1" $\square$	21'-0"	a=11'-3" b=9'-9"	3	71.4	214	do
820-0BA	1" $\square$	20'-0"	a=10'-3" b=9'-9"	19	68.0	1292	do
0812-3BA	1" $\square$	12'-3"	a=3'-6" b=8'-9"	40	32.7	1308	Over large pipe
088-0BA	1" $\square$	8'-0"	a=2'-3" b=5'-9"	40	21.4	856	Under large pipes
068-9BA	$\frac{3}{4}$ " ϕ	8'-9"	a=4'-3" b=4'-6"	6	13.1	79	Over small pipe
067-6BA	$\frac{3}{4}$ " ϕ	7'-6"	a=3'-3" b=4'-3"	6	11.3	68	Under small pipe
058-6BA	$\frac{3}{4}$ " ϕ	8'-6"	a=4'-3" b=4'-3"	35	8.9	312	Horizontal, outside corners
056-6BA	$\frac{3}{4}$ " ϕ	6'-6"	a=4'-3" b=2'-3"	10	6.8	68	do
056-0BA	$\frac{3}{4}$ " ϕ	6'-0"	a=4'-3" b=1'-9"	7	6.3	44	do
Pump House, East Wall							
0626-0	$\frac{3}{4}$ " ϕ	26'-0"	Type CA	1	39.1	39	Horizontal, outside fence
0625-6	$\frac{3}{4}$ " ϕ	25'-6"	do	1	38.3	38	do
0628-0	$\frac{3}{4}$ " ϕ	28'-0"	do	1	42.1	42	do
066-0CA	$\frac{3}{4}$ " ϕ	6'-0"	a=2'-8" b=1'-8"	9	9.0	81	Horizontal, around chimney
0821-0CA	1" $\square$	21'-0"	a=9'-6" b=5'-9"	71	56.1	3983	Vertical, inside face
0618-6CA	$\frac{3}{4}$ " ϕ	18'-6"	a=9'-6" b=4'-6"	19	27.8	528	do
065-9HA	$\frac{3}{4}$ " ϕ	5'-9"	a=0'-8" b=1'-1" c=4'-0"	45	8.6	387	Vertical, in curb
0824-0HA	1" $\square$	24'-0"	a=9'-6" b=5'-9" c=8'-9"	70	64.1	4487	Vertical, inside face
Pump House, West Wall							
818-0	1" $\square$	18'-0"	Straight	2	61.2	122	do
822-9	1" $\square$	22'-9"	do	96	77.4	7430	Vertical, inside face
817-0	1" $\square$	17'-0"	do	20	57.8	1156	do
815-9	1" $\square$	15'-9"	do	79	53.6	4234	Vertical, outside face
87-0	1" $\square$	7'-0"	do	32	23.8	762	Around large pipes
85-9	1" $\square$	5'-9"	do	2	19.6	39	Vertical, outside face
84-9	1" $\square$	4'-9"	do	16	16.2	259	do
84-0	1" $\square$	4'-0"	do	8	13.6	109	Around small pipe
0630-0	$\frac{3}{4}$ " ϕ	30'-0"	do	94	45.1	4239	Horizontal, inside & outside face
0619-6	$\frac{3}{4}$ " ϕ	19'-6"	do	2	29.3	59	do
0617-0	$\frac{3}{4}$ " ϕ	17'-0"	do	47	25.5	1199	do
0611-6	$\frac{3}{4}$ " ϕ	11'-6"	do	3	17.3	52	Horizontal, inside face
0611-0	$\frac{3}{4}$ " ϕ	11'-0"	do	4	16.5	66	Horizontal, outside face
068-6	$\frac{3}{4}$ " ϕ	8'-6"	do	4	12.8	51	Horizontal, inside face
068-0	$\frac{3}{4}$ " ϕ	8'-0"	do	6	12.0	72	Horizontal, outside face
067-6	$\frac{3}{4}$ " ϕ	7'-6"	do	9	11.3	102	Horizontal, inside face
067-0	$\frac{3}{4}$ " ϕ	7'-0"	do	12	10.5	126	Horizontal, outside face
0530-0	$\frac{3}{4}$ " ϕ	30'-0"	do	2	31.3	63	Horizontal, in curb
0527-9	$\frac{3}{4}$ " ϕ	27'-9"	do	4	28.9	116	Horizontal, outside face
0511-6	$\frac{3}{4}$ " ϕ	11'-6"	do	4	12.0	48	do
0510-0	$\frac{3}{4}$ " ϕ	10'-0"	do	2	10.4	21	Horizontal, in curb
065-3HA	$\frac{3}{4}$ " ϕ	5'-3"	do	48	7.9	379	do
827-0BA	1" $\square$	27'-0"	a=18'-0" b=9'-0"	8	91.8	734	Vertical, at sump
822-9BA	1" $\square$	22'-9"	a=13'-0" b=9'-9"	59	77.4	4567	Vertical, floor to wall
813-9BA	1" $\square$	13'-9"	a=4'-0" b=9'-9"	2	46.8	94	do
813-0BA	1" $\square$	13'-0"	a=3'-3" b=9'-9"	16	44.2	707	do
0816-0BA	1" $\square$	16'-0"	a=6'-9" b=9'-3"	5	42.7	214	Over small pipe
0816-0BA	1" $\square$	16'-0"	a=6'-9" b=9'-3"	32	42.7	1366	Over large pipe
0810-9BA	1" $\square$	10'-9"	a=6'-9" b=4'-0"	5	28.7	144	Under small pipe
089-9BA	1" $\square$	9'-9"	a=6'-9" b=3'-0"	32	26.0	832	Under large pipes
058-6BA	$\frac{3}{4}$ " ϕ	8'-6"	a=4'-3" b=4'-3"	52	8.9	463	Horizontal, outside corners
0829-6HA	1" $\square$	29'-6"	Type CA	82	78.8	6462	Wall to conduit

Total weight on this sheet 79,721 pounds.

NOTES

All reinforcing steel to be paid for under Item No. 11
All bends to be made around a pin with a diameter of 8 times the diameter of the bar unless otherwise noted.

CONNECTICUT RIVER FLOOD CONTROL	CONNECTICUT RIVER FLOOD CONTROL
NORTH MEADOWS PUMPING STATION	NORTH MEADOWS PUMPING STATION
FISCAL YEAR 1939 SECTION	FISCAL YEAR 1939 SECTION
STEEL REINFORCEMENT NO. 3	STEEL REINFORCEMENT NO. 3
HARTFORD, CONN.	HARTFORD, CONN.
CONNECTICUT RIVER	CONNECTICUT RIVER
IN 62 SHEETS	SCALE SHEET NO. 38
NOT TO SCALE	NOT TO SCALE
U.S. ENGINEER OFFICE, PROVIDENCE, R.I.,	FEB. 1939
SUBMITTED: [Signature]	APPROVED: [Signature]
DESIGNED: [Signature]	TRACED BY: [Signature]
ASSOC. ENGINEER	CHECKED BY: [Signature]
FILE NO. CT-4-1286	