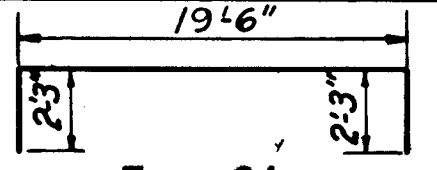
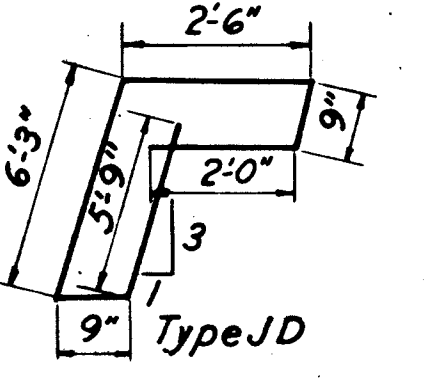
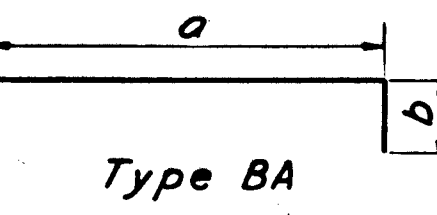
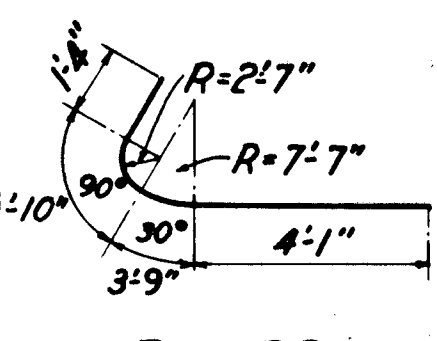
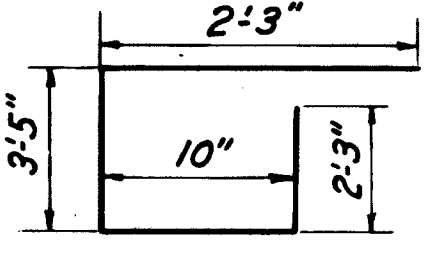
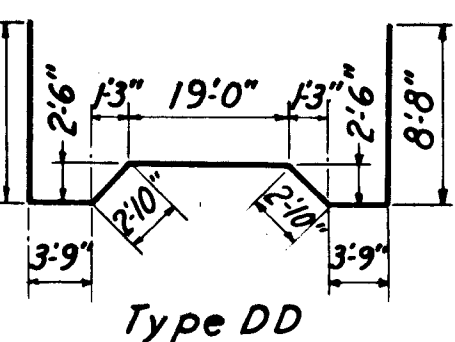
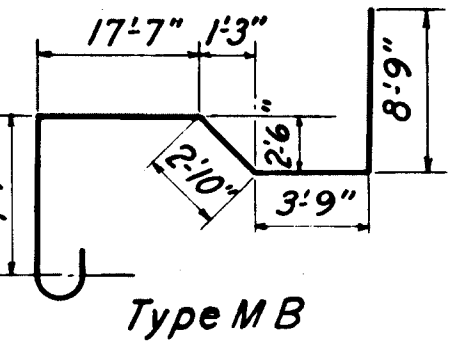
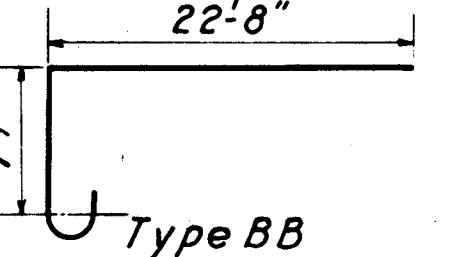
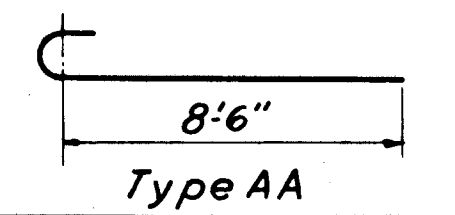
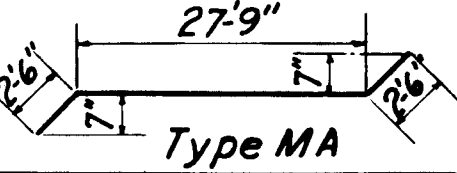
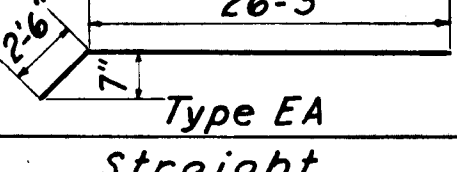
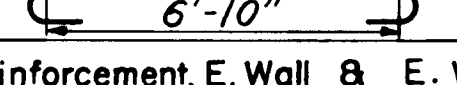
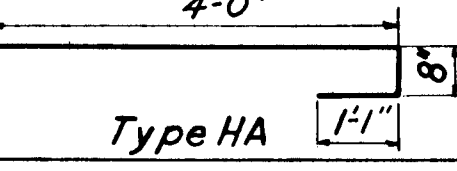
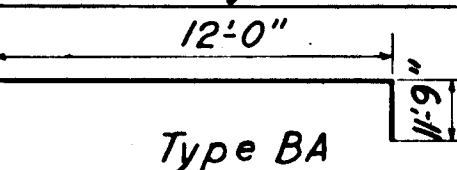
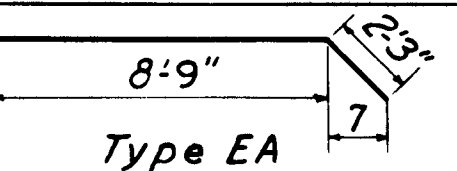
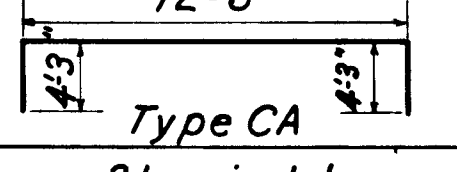


REINFORCEMENT SCHEDULE

MARK	SIZE	LENGTH	BENDING DIAGRAM	NO. REQ'D	WT. EACH	TOTAL WEIGHT	LOCATION OF BAR
Steel Reinforcement, Suction Intake, Outside of Building							
0524-OCA	5/8"	24'-0"		15	25.0	375	Transverse in Apron
0824-OCA	1"	24'-0"	Type CA	8	64.1	513	do
0518-OJD	5/8"	18'-0"		11	18.8	207	In Apron
			Type JD				
							
			Type BA				
0721-3BA	3/4"	21'-3"	a=15'-5" b=5'-10"	8	43.4	347	Bottom of Slab to Wall
0721-9BA	3/4"	21'-9"	a=15'-11" b=5'-10"	2	44.5	89	do
0722-3BA	3/4"	22'-3"	a=16'-5" b=5'-10"	22	45.5	1001	do
0717-3BA	3/4"	17'-3"	a=11'-7" b=5'-8"	8	35.3	282	do
0714-6BA	3/4"	14'-6"	a=8'-8" b=5'-10"	10	29.6	296	do
0710-9BA	3/4"	10'-9"	a=7'-9" b=3'-0"	8	22.0	176	Top Slab to Wall
0519-0	5/8"	19'-0"	Straight	72	19.8	1426	Longitudinal in Walls & Slab
0548-0	5/8"	18'-0"	do	20	18.8	376	Longitudinal in walls
0513-9	5/8"	13'-9"	do	2	14.3	29	Long. in outside of wall
059-3	5/8"	9'-3"	do	2	9.6	19	Long. in inside of wall
0515-6	5/8"	15'-6"	do	6	16.2	97	Vertical in inside face
0515-9	5/8"	15'-9"	do	2	16.4	33	do
0516-6	5/8"	16'-6"	do	18	17.2	310	do
0512-0	5/8"	12'-0"	do	8	12.5	100	do
0512-6	5/8"	12'-6"	do	2	13.0	26	do
0719-6	5/8"	19'-6"	do	16	39.9	638	Traverse around curve & walkway
0513-ORB	5/8"	13'-0"		20	13.6	272	Around curve
			Type RB				
056-0	5/8"	6'-0"	Straight	16	6.3	101	Transverse in walkway
058-9HB	5/8"	8'-9"		20	9.1	182	Seep ring
			Type HB				
0519-3	5/8"	19'-3"	Straight	4	20.1	80	Seep ring
Steel Reinforcement, Tank Cradles							
055-6	5/8"	5'-6"	Straight	56	5.7	319	Vertical
054-3	5/8"	4'-3"	do	52	4.4	229	do
0511-0	5/8"	11'-0"	do	18	11.5	207	Horizontal
053-6	5/8"	3'-6"	do	30	3.7	111	do
054-9	5/8"	4'-9"	do	18	5.0	90	do
Total weight on this sheet - Item 17 = 956 pounds							

MARK	SIZE	LENGTH	BENDING DIAGRAM	NO. REQ'D	WT. EACH	TOTAL WEIGHT	LOCATION OF BAR
Reinforcement in Pump Room Floor							
829-0	1"	29'-0"	Straight	70	98.6	6902	Pump room floor
0630-0	3/4"	30'-0"	do	48	45.1	2165	do
0617-0	3/4"	17'-0"	do	21	25.5	536	do
0611-0	3/4"	11'-0"	do	3	16.5	50	do
							
			Type DD				
849-6DD	1"	49'-6"	a=8'-8"	47	168.3	7910	Pump room floor
843-9DD	1"	43'-9"	a=2'-11"	20	148.8	2976	do
845-3DD	1"	45'-3"	a=4'-5"	3	153.9	462	do
841-6MB	1"	41'-6"		7	141.1	988	Pump room floor
			Type MB				
831-3BB	1"	31'-3"		8	106.3	850	Pump room floor
			Type BB				
810-OAA	1"	10'-0"		5	34.0	170	Sump
			Type AA				
067-6	3/4"	7'-6"	Straight	36	11.3	407	do
063-9	3/4"	3'-9"	do	28	5.6	157	do
068-6	3/4"	8'-6"	do	9	12.8	115	do
069-0	3/4"	9'-0"	do	10	13.5	135	do
0614-6	3/4"	14'-6"	do	9	21.8	196	Pump room floor
0627-9	3/4"	27'-9"	do	14	41.7	584	do
0615-3	3/4"	15'-3"	do	8	22.9	183	do
0629-6	3/4"	29'-6"	do	14	44.3	620	do

MARK	SIZE	LENGTH	BENDING DIAGRAM	NO. REQ'D	WT. EACH	TOTAL WEIGHT	LOCATION OF BAR
Reinforcement, Top Slab, Suction Intake							
0819-9	1"	19'-9"	Straight	54	52.7	2846	Tran. bottom of slab.
0818-3	1"	18'-3"	do	17	48.7	828	do
0816-9	1"	16'-9"	do	17	44.7	760	do
0814-6	1"	14'-6"	do	17	38.7	658	do
0814-3	1"	14'-3"	do	6	38.0	228	do
812-6	1"	12'-6"	do	10	42.5	425	do
811-0	1"	11'-0"	do	10	37.4	374	do
089-6	1"	9'-6"	do	10	25.4	254	do
068-6	3/4"	8'-6"	do	17	12.8	218	Long. top & bottom
0630-0	3/4"	30'-0"	do	50	45.1	2255	do
0625-9	3/4"	25'-9"	do	3	38.7	116	do
0618-0	3/4"	18'-0"	do	4	27.0	108	do
0632-9MA	3/4"	32'-9"		4	49.2	197	Long. in slab.
			Type MA				
0628-9EA	3/4"	28'-9"		1	43.2	43	do
			Type EA				
059-0	5/8"	9'-0"	Straight	145	9.4	1363	Dowels in haunch
059-OAB	5/8"	9'-0"		65	9.4	611	Top slab haunch
Reinforcement, E. Wall & E. Wall Suction Intake							
057-0	5/8"	7'-0"	Straight	4	7.3	29	Hor. in curb, outside face
0519-0	5/8"	19'-0"	do	1	19.8	20	do
055-3	5/8"	5'-3"	do	2	5.5	11	do
0529-0	5/8"	29'-0"	do	26	30.2	785	Hor. outside face
0510-0	5/8"	10'-0"	do	2	10.4	21	Hor. in curb, inside face
0528-6	5/8"	28'-6"	do	26	29.7	772	Hor. inside face.
065-9HA	3/4"	5'-9"		12	8.6	103	Vertical in curb.
			Type HA				
0615-9	3/4"	5'-9"	Straight	25	23.7	593	Vert. in outside wall above F.I.
823-9BA	1"	23'-9"		43	80.8	3474	Slab to wall outside
822-6	1"	22'-6"	Straight	30	76.5	2295	Vert. in wall, inside face
86-0	1"	6'-0"	do	30	20.4	612	Slab to wall, inside face
0511-OEA	5/8"	11'-0"		13	11.5	150	Hor. outside face suet. int.
			Type EA				
0521-OCA	5/8"	21'-0"		6	21.9	131	Vert. out. face suet. int.
			Type CA				
058-9	5/8"	8'-9"	Straight	13	9.1	118	Hor. out. face suet. int.
0512-6	5/8"	12'-6"	do	6	13.0	78	Vert. ins. face suet. int.
0612-0	3/4"	12'-0"	do	8	18.0	144	Vert. in corners.
Total weight on this sheet = 53,001 pounds (Item #11)							

NOTES

All bends to be made around a pin with a diameter of 8 times the diameter of the bar unless otherwise noted.

12-31-45	As built revisions				
DATE	REVISION	REVBY	CHK BY	AP BY	

CONNECTICUT RIVER FLOOD CONTROL
NORTH MEADOWS PUMPING STATION
FISCAL YEAR 1939 SECTION
STEEL REINFORCEMENT NO.4
HARTFORD, CONN.
CONNECTICUT RIVER CONNECTICUT
IN 62 SHEETS SCALE SHEET NO.39
NOT TO SCALE
U.S. ENGINEER OFFICE, PROVIDENCE, R.I., FEB. 1939
SUBMITTED: *Edward B. Nelson* APPROVAL: *J. S. Berens* APPROVED: *M. Berens*
DESIGNED: *E. M. Vane* TRACED BY: J.S. FILE NO. CT- 4-1287
ASSOC. ENGINEER CHECKED BY: J.I.B.