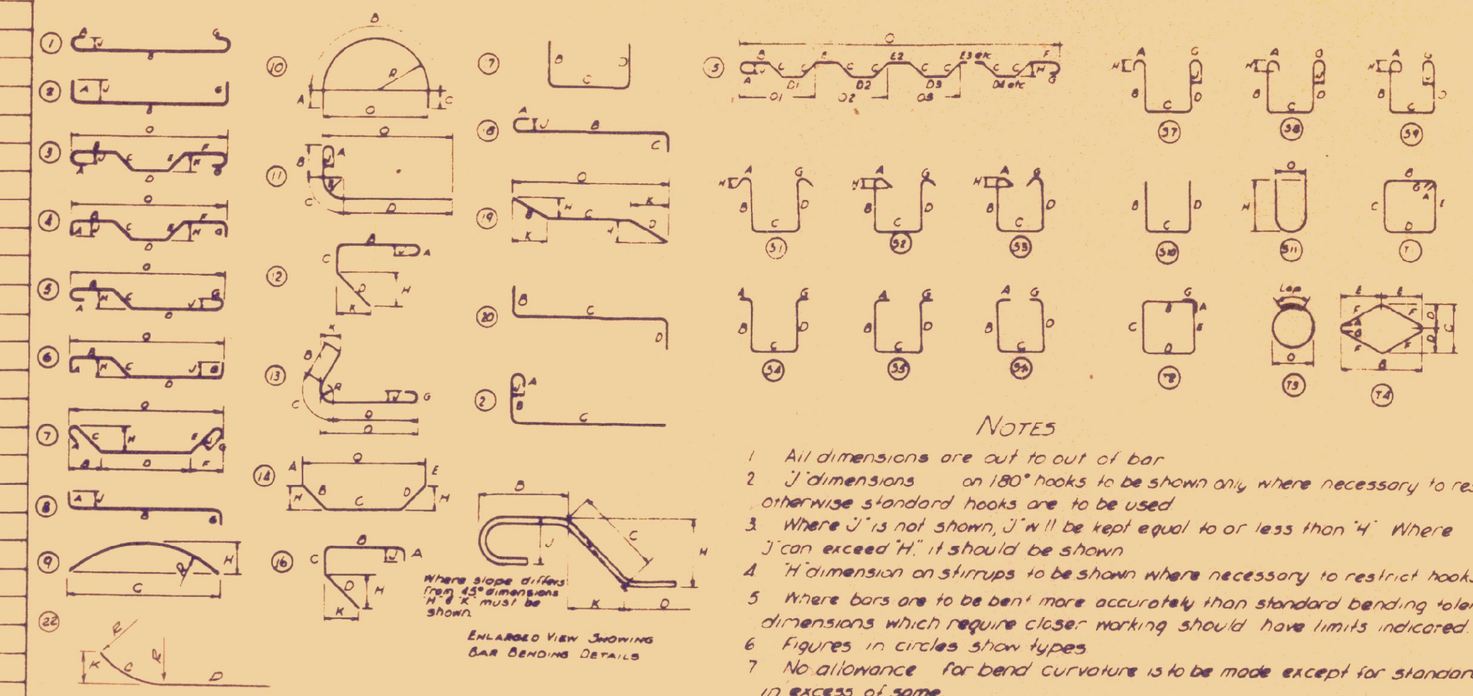
Item	No Pieces	Size	Length	Mark	Type	A	B	C	D	E	F	G	H	J	K	R	O
1																	
2				**SPILLWAY SLAB**													
3																	
4	10	#4	19'-9	S411	str.												
5																	
6	40	#4	4'-9	S412A	(20)		1'-9	3'-0									
7	40	#4	3'-4	S412B	(20)		1'-4	2'-0									
8																	
9																	
10																	
11																	
12	2-Rolls (5'x150') #4GA.-6"x6" Welded Wire Fabric																
13																	
14																	
15																	
16																	
17				**WALL NUMBER ONE ~ FOOTING STEEL**													
18																	
19																	
20	1	#4	4'-6	F402A	str.												
21	2		5'-6	F402B													
22	3		6'-9	F402D													
23	2		6'-0	F402E①													
24	1		3'-9	F402E②													
25	2		11'-3	F402F													
26	2		4'-6	F404A													
27	3		5'-6	F404B													
28	3		6'-9	F404D													
29	3		3'-6	F404E													
30	2	#4	14'-9	F404G	str.												
31																	
32	1	#4	12'-1	F402C①	(19)		2'-10	9'-3					2'-0		2'-0		
33	1		13'-3	F402C②	(19)		3'-5	9'-10					2'-6		2'-6		
34	1		14'-5	F402C③	(19)		4'-0	10'-5					2'-10		2'-10		
35	13		6'-2	F402B	(3)		1'-6	3'-2	1'-6				2'-3				
36	1		9'-6	F404C①	(19)		1'-2	8'-4					10"		10"		
37	1		10'-10	F404C②	(19)		2'-0	8'-10					1'-5		1'-5		
38	1		12'-6	F404C③	(19)		3'-1	9'-5					2'-2		2'-2		
39	1		14'-10	F404F	(19)		2'-11	11'-11					4"		2'-10		
40	5		4'-3	F403	①	6"	3'-9					0		4"			
41	5		3'-3	F405A	①	6"	2'-3					6"		4"			
42	4		3'-6	F405B①	①	6"	2'-6					6"		4"			
43	1		3'-5	②			2'-5										
44	1		3'-3	③			2'-3										
45	1		3'-2	④			2'-2										
46	1		3'-0	⑤			2'-0										
47	1		2'-10	⑥			1'-10										
48	1		2'-9	⑦			1'-9										
49	1		2'-7	⑧			1'-7										
50	1		2'-5	⑨			1'-5										
51	1		2'-4	⑩			1'-4										
52	1		2'-2	⑪			1'-2										
53	1		2'-1	F405B⑫	①	6"	1'-1					6"		4"			
54	5		4'-5	F401A	(12)	6"	1'-2	0	2'-9				2'-9	4"	1"		
55	6		6'-4	F401B	(12)	6"	2'-1	0	3'-9				3'-9	4"	2"		
56	3		4'-0	F401D	①	6"	3'-0					6"		4"			
57	2		4'-3	F401D	(12)	6"	1'-0	0	2'-9				2'-9	4"	1"		
58	1		4'-4	②	(12)	6"	1'-1	0	2'-9				2'-9	4"	1"		
59	2		4'-5	③	(12)	6"	1'-2	0	2'-9				2'-9	4"	1"		
60	1	#4	4'-6	F401D⑫	(12)	6"	1'-3	0	2'-9				2'-9	4"	1"		
61																	
62	2	#5	4'-10	F503A	①	7"	4'-3					0		5"			
63	4		3'-4	F503B	①	7"	2'-9					0		5"			
64	6		4'-7	F505	①	7"	3'-5					7"		5"			
65	3		7'-10	F501A	(12)	7"	3'-0	0	4'-3				4'-3	5"	2"		
66	3		7'-4	F501B①			3'-0		3'-9				3'-9	5"	2"		
67	3		7'-5	F501B②			3'-1		3'-9				3'-9	5"	2"		
68	3		7'-6	F501B③			3'-2		3'-9				3'-9	5"	2"		
69	3		7'-4	F501C①			3'-0		3'-9				3'-9	5"	2"		
70	3		7'-6	F501C②			3'-2		3'-9				3'-9	5"	2"		
71	5		7'-4	F501D			3'-0		3'-9				3'-9	5"	2"		
72	2		4'-8	F501E①			1'-4		2'-9				2'-9	5"	1"		
73	1		4'-9	②			1'-5		2'-9				2'-9	5"	1"		
74	1		4'-10	③			1'-6		2'-9				2'-9	5"	1"		
75	1		4'-11	④			1'-7		2'-9				2'-9	5"	1"		
76	1	#5	5'-0	F501E⑤	(12)	7"	1'-8	0	2'-9				2'-9	5"	1"		
77																	
78	17	#6	4'-5	F603	①	8"	3'-9					0		6"			
79	4	#6	5'-4	F605	①	8"	4'-0					8"		6"			
80																	
81	*20	#7	5'-11	F705	①	10"	4'-3					10"		7"			

Item	No Pieces	Size	Length	Mark	Type	A	B	C	D	E	F	G	H	J	K	R	O
82																	
83				**WALL NUMBER TWO ~ FOOTING STEEL**													
84																	
85				(SAME AS WALL NUMBER ONE EXCEPT NO TEST BARS)													
86																	
87																	
88																	
89																	
90																	
91																	
92																	
93																	
94																	
95																	
96																	
97																	
98																	
99																	
100																	
101																	
102																	
103																	
104																	
105																	
106																	
107																	
108																	
109																	
110																	
111																	
112																	
113																	
114																	
115																	
116																	
117																	
118																	
119																	
120																	
121																	
122																	
123																	
124																	
125																	
126																	
127																	
128																	
129																	
130																	
131																	
132																	
133																	
134																	
135																	
136																	
137																	
138																	
139																	
140																	
141																	
142																	
143																	
144																	
145																	
146																	
147																	
148																	
149																	
150																	
151																	
152																	
153																	
154																	
155																	
156																	
157																	
158																	
159																	
160																	
161																	
162																	

TYPICAL BAR BENDS

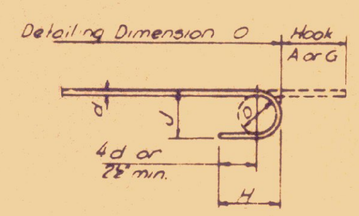


NOTES

1. All dimensions are out to out of bar.
2. 'J' dimensions on 180° hooks to be shown only where necessary to restrict hook size otherwise standard hooks are to be used.
3. Where 'J' is not shown, 'J' will be kept equal to or less than '4'. Where 'J' can exceed '4' it should be shown.
4. 'H' dimension on stirrups to be shown where necessary to restrict hooks.
5. Where bars are to be bent more accurately than standard bending tolerances, bending dimensions which require closer working should have limits indicated.
6. Figures in circles show types.
7. No allowance for bend curvature is to be made except for standard hook & radii in excess of same.

Item	No Pieces	Size	Length	Mark	Type	A	B	C	D	E	F	G	H	J	K	R	O
163																	
164																	
165																	
166																	
167																	
168																	
169																	
170																	
171																	
172																	
173																	
174																	
175																	
176																	
177																	
178																	
179																	
180																	
181																	
182																	
183																	
184																	
185																	
186																	
187																	
188																	
189																	
190																	

* - DENOTES ONE TEST BAR ADDED.



STANDARD HOOK DETAIL

BAR SIZES

Equivalent Size	Present (Numbers)
1/4"	#2
3/8"	#3
1/2"	#4
5/8"	#5
3/4"	#6
7/8"	#7
1"	#8
1 1/8"	#9
1 1/4"	#10
1 1/2"	#11

8 Bar reinforcement metal shall conform to the requirements of the Standard Specifications for new Billet-Steel Concrete Reinforcement Bars (Intermediate Grade) Serial Designation A.A.S.H.O. M31-48 or its latest revision.
All bars shall be deformed to conform with A.S.T.M. Specifications A 305-49.

ESTIMATED QUANTITIES

Location	Pounds
SPILLWAY SLAB	1,218
WALL #1 FOOTING	987
WALL #2 FOOTING	975
TOTAL THIS SHEET	3,180
SHEET 5/10	3,505
TOTAL	6,685

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

TOWN OF WHEELOCK
CHANDLER POND
FOOTING & SLAB STEEL

DRAWN BY: RLO CHECKED BY: XX
DATE: 9-28-61 PROJECT NO.

SHEET 6 OF 10