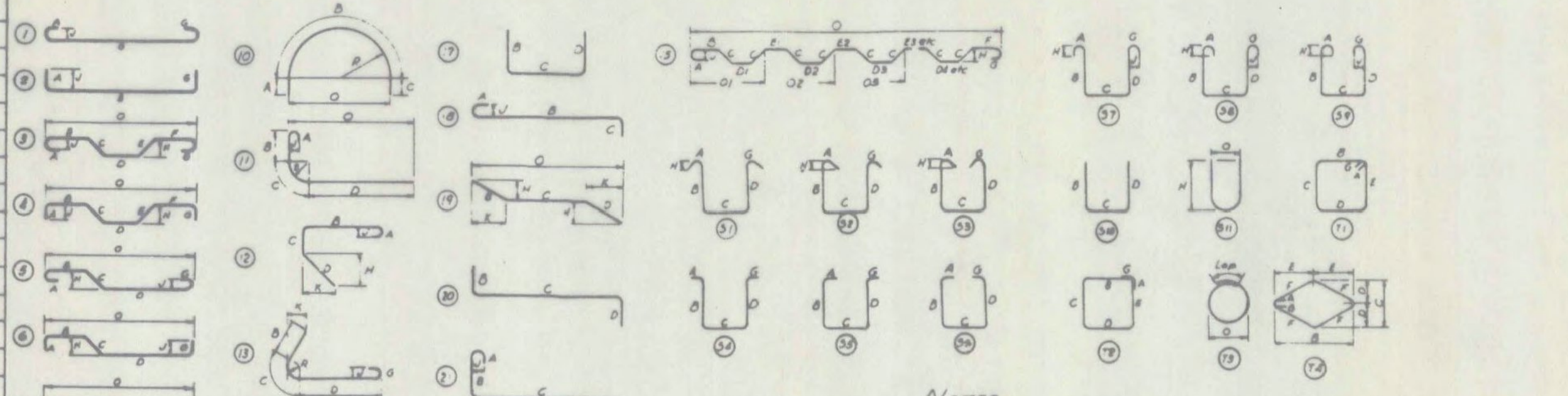


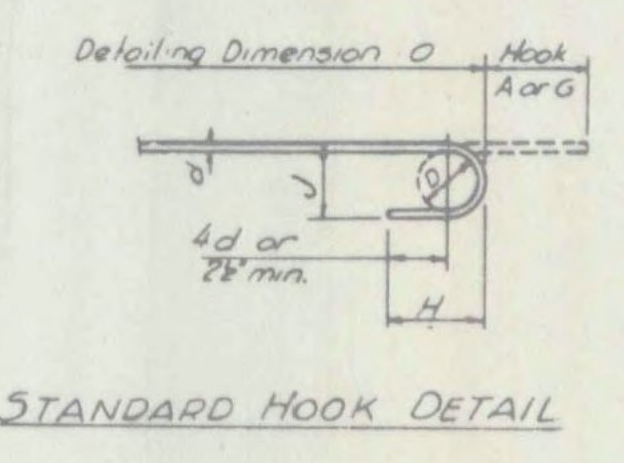
Item	No. Pieces	Size	Length	Mark	Type	A	B	C	D	E	F	G	H	J	K	R	O
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TYPICAL BAR BENDS



- NOTES
- All dimensions are out to out of bar.
 - J' dimensions on 180° hooks to be shown only where necessary to restrict hook size otherwise standard hooks are to be used.
 - Where J' is not shown, J' will be kept equal to or less than 4". Where J' can exceed 4", it should be shown.
 - H' dimension on stirrups to be shown where necessary to restrict hooks.
 - Where bars are to be bent more accurately than standard bending tolerances, bending dimensions which require closer marking should have limits indicated.
 - Figures in circles show types.
 - 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					ABUTMENT NO. 1												
164	17	8	3-4		1A801 STR.												
165					ABUTMENT NO. 2												
166					(BEND IN FIELD)												
167																	
168	16	6	6-0		2A602 STR.												
169	7	6	7-6		2A601 STR.												
170	12	8	3-4		2A801 STR.												
171																	
172																	
173					SUPERSTRUCTURE												
174																	
175	35	4	27-6		5A01 STR.												
176	55	5	17-3		5501 STR.												
177	60	5	18-0		5502 STR.												
178	4	6	27-6		5601 STR.												
179	8	11	4-0		51104 STR.												
180																	
181	35	4	5-5		5A03	51	0-5	2-0	1-0	1-7							
182	105	4	5-10		5A02	51	0-5	2-0	1-0	2-0							
183	12	11	29-10		51101	1	1-2	27-6									
184	8	11	31-1		51102	3	1-2	1-3	2-1 1/2	22-0	2-1 1/2	1-3	1-2	1-6	0-10		27-6
185	4	11	31-1		51103	3	1-2	2-3	2-1 1/2	20-0	2-1 1/2	2-3	1-2	1-6	0-10		27-6
186																	
187																	
188																	
189																	
190																	



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 3/8"	#11

NOTE -
 MINIMUM BENDS TO BE AS FOLLOWS:
 STIRRUPS AND TIE BARS SHALL BE BENT AROUND A PIN HAVING A DIAMETER NOT LESS THAN TWO TIMES THE MINIMUM THICKNESS OF THE BAR. BENDS FOR OTHER BARS SHALL BE MADE AROUND A PIN HAVING A DIAMETER NOT LESS THAN SIX TIMES THE MINIMUM THICKNESS EXCEPT FOR BARS LARGER THAN 1 INCH, IN WHICH CASE THE BENDS SHALL BE MADE AROUND A PIN OF EIGHT BAR DIAMETERS.

JAY-BHF 0278(3)
 SHEET 70 OF 72
 FOR REFERENCE ONLY

Bar reinforcement metal shall conform to the requirements of the Standard Specifications for new Billet-Steel Concrete Reinforcement Bars (Intermediate Grade) Serial Designation AAS.H.O. M31-48 or its latest revision. All bars shall be deformed to conform with A.S.T.M. Specifications A305-49.

ESTIMATED QUANTITIES

Location	Pounds
ABUTMENT NO. 1	152
ABUTMENT NO. 2	330
SUPERSTRUCTURE	7514
TOTAL	7996

JAY
 JAY-TROY HIGHWAY
 JAY PEAK BRIDGE
 STATE MAINTENANCE-1222-494
 REINFORCING STEEL DETAILS
 DRAWN BY-RTS.
 CHECKED BY-RND SHEET 5 OF 12