

REINFORCEMENT BAR SCHEDULE

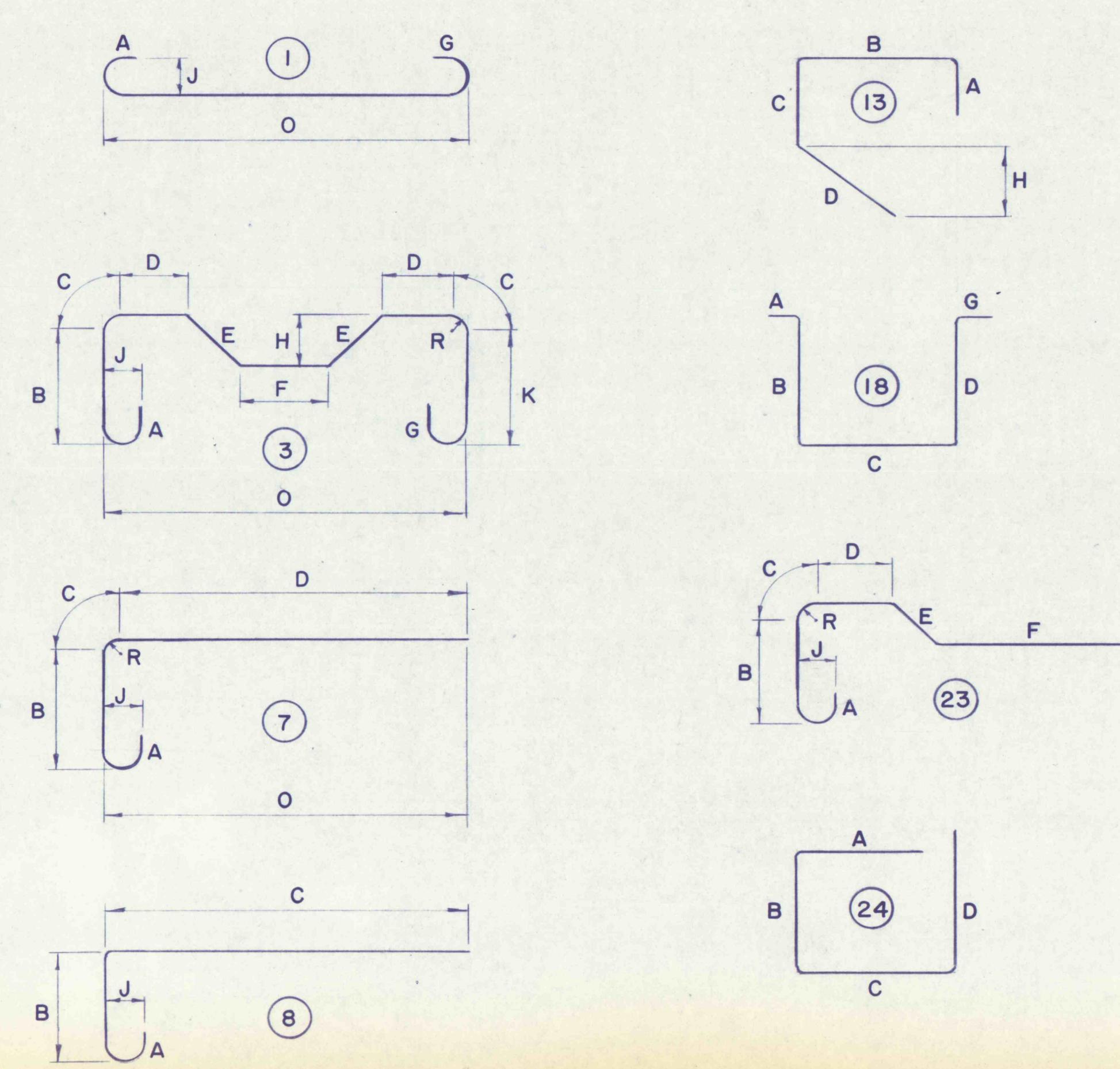
MARK	SIZE	LENGTH	NO.	TYPE	A	B	C	D	E	F	G	H	K	R	REMARKS
B601	6	7'-1 1/2"	352	(7)	0	3'-2"	9 1/2"	3'-2"						6"	O = 3'-8"
B602	6	19'-7"	74	(3)	0	3'-2"	9 1/2"	1'-10"	1'-2"	5'-8"	0	10"	3'-2"	6"	O = 12'-0"
B403	4	7'-3"	22	Str.											
B604	6	12'-0"	22	Str.											
B705	7	12'-0"	55	Str.											
B406	4	2'-8"	114	Str.											
B407	4	3'-9"	113	Str.											
B808	8	12'-0"	67	Str.											
B500	5	7'-10"	34	Str.											
B410	4	21'-9"	13	(8)	0	1'-3"	20'-6"								
B411	4	20'-6"	11	Str.											
B612	6	14'-8"	29	(1)	8"										O = 14'-0"
B613	6	17'-4"	4	(1)	8"						8"				O = 16'-0"
B614	6	15'-9 1/2"	14	(2)	0	3'-2"	9 1/2"	1'-10"	1'-2"	8'-10"				6"	O = 12'-0"
B415	4	11'-7"	28	Str.											
B416	4	16'-0"	4	Str.											
B417	4	6'-1 1/2"	13	(7)	0	2'-2"	9 1/2"	3'-2"						6"	O = 3'-8"
B418	4	7'-6 1/2"	4	(7)	0	3'-7"	9 1/2"	3'-2"						6"	O = 3'-8"
B419	4	17'-8"	2	Str.											
B420	4	24'-9"	2	Str.											
B421	4	21'-7"	26	Str.											
B422	4	15'-1"	35	Str.											
B423	4	16'-4"	13	(8)	0	1'-3"	15'-1"								
B524	5	4'-10" to 10'-0 1/2"	12	Str.											2 ea. vary by 12'-2"
B825	8	4'-10" to 10'-0 1/2"	12	Str.											2 ea. vary by 12'-2"
B526	5	5'-7 1/2" to 10'-10"	6	Str.											1 ea. vary by 12'-2"
B827	8	5'-7 1/2" to 10'-10"	6	Str.											1 ea. vary by 12'-2"
B528	5	5'-2" to 10'-4 1/2"	6	Str.											1 ea. vary by 12'-2"
B829	8	5'-2" to 10'-4 1/2"	6	Str.											1 ea. vary by 12'-2"
B630	6	8'-11 1/2" to 14'-2"	6	(2)	0	3'-2"	9 1/2"	1'-10"	1'-2"	2'-0" to 7'-2 1/2"				6"	1 ea. vary by 12'-2"
B631	6	9'-3 1/2" to 13'-5 1/2"	5	(2)	0	3'-2"	9 1/2"	1'-10"	1'-2"	2'-4" to 6'-6"				6"	1 ea. vary by 12'-2"
B632	6	5'-9 1/2" to 6'-9 1/2"	8	(7)	0	3'-2"	9 1/2"	1'-10" to 2'-0"						6"	2 ea. vary by 4"
B633	6	26'-8" to 35'-4"	9	Str.											1 ea. vary by 1'-1"
B634	6	20'-0" to 28'-8"	9	Str.											1 ea. vary by 1'-1"
B535	5	26'-4" to 35'-0"	9	Str.											1 ea. vary by 1'-1"
B536	5	20'-0" to 28'-8"	9	Str.											1 ea. vary by 1'-1"
B537	5	27'-0"	3	Str.											
B538	5	19'-11"	6	Str.											
B539	5	16'-10"	3	Str.											
B540	5	20'-10"	3	Str.											
B441	4	4'-6"	15	(18)	8"	1'-2 1/2"	9"	1'-2 1/2"			8"				
B642	6	12'-3"	4	Str.											
B443	4	12'-3"	2	Str.											
B544	5	3'-6"	2	Str.											
B445	4	12'-10"	22	Str.											
B446	4	5'-7"	9	(24)	11"	1'-4"	1'-0"	2'-4"							
B547	5	4'-2"	32	(13)	10"	1'-9"	1'-7"								
B648	6	18'-8"	4	Str.											
B649	6	7'-6 1/2"	8	(7)	0	4'-3"	9 1/2"	2'-6"						6"	
B850	8	11'-0 1/2"	8	(7)	0	4'-3"	9 1/2"	6'-0"						6"	
B651	6	11'-8"	4	Str.											
B652	6	20'-7"	10	Str.											
B453	4	4'-3 1/4"	56	(18)	0	1'-0"	2'-3 1/4"	1'-0"			0				
B454	4	4'-2 1/2"	84	(18)	0	1'-2"	1'-10 1/2"	1'-2"			0				
B455	4	5'-1"	6	(8)	0	2'-4"	2'-9"								
B456	4	4'-9"	9	(18)	0	2'-9"	1'-0"	1'-0"				9 1/4"			
B557	5	24'-3"	4	(18)	10"	1'-9 1/2"	19'-0"	1'-9 1/2"			10"				
B458	4	26'-4"	6	Str.											
B459	4	16'-9"	12	Str.											
B460	4	20'-7"	6	Str.											
B461	4	19'-7"	12	Str.											
B662	6	3'-4"	32	Str.											
B463	4	4'-9"	25	Str.											
B464	4	5'-0"	2	Str.											
B465	4	5'-9"	9	(24)	11"	1'-6"	1'-0"	2'-4"							

REINFORCEMENT BAR SCHEDULE

MARK	SIZE	LENGTH	NO.	TYPE	A	B	C	D	E	F	G	H	K	R	REMARKS
S1001	10	16'-11" to 30'-0 1/2"	44	(1)	1'-11"										2 ea. vary by 7'-2"
S802	8	16'-8" to 29'-9 1/2"	16	(1)	10"										2 ea. vary by 1'-10"
S603	6	11'-6"	64	Str.											
S604	6	4'-6" to 11'-2"	36	Str.											4 ea. vary by 10"
S605	6	4'-0"	12	Str.											
S606	6	17'-10"	8	Str.											

- A. DESIGN SPECIFICATIONS**
- Concrete design in accordance with current A.C.I. Code.
 - A.R.E.A. Cooper E-72 track/siding impact as per A.R.E.A.
- B. CONCRETE**
- 28 day concrete strength, $f'_c = 3,000$ p.s.i.
 - 1"x1" chamfer all exposed edges.
 - Air entrained concrete shall be used in all parts of structure.
 - Minimum 7 days damp curing is specified.
- C. REINFORCEMENT**
- Reinforcement shall be intermediate grade. structural grade reinforcement shall not be used.
 - Design stress = 20,000 p.s.i.
 - Minimum bar lap splice = 30 bar diameters.
 - All reinforcement shall be deformed bars meeting requirements of ASTM A-305.

BAR SCHEDULE FOR BOX CULVERT ONLY



NO.	DATE	REVISION	APPR.
SUBMITTED			
PROFESSIONAL			
APPROVED			
CHIEF - DIVISION OF MINE RECLAMATION			
APPROVED			
DIRECTOR - BUREAU OF DESIGN			
FINAL			
S.J.M. JUL 28 1977			
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES OFFICE OF RESOURCES MANAGEMENT			
CONTRACT NO. SL 181-3-101.1			
SUGAR NOTCH RUN AMD ABATEMENT PROJECT WARRIOR CREEK AND SOLOMON CREEK WATERSHEDS			
GEO - Technical Services CONSULTING ENGINEERS & GEOLOGISTS 851 So. 19th St. HARRISBURG, PENNA.			
BOX CULVERT STA. 69 + 57.90			
5 of 5			
DRAWN BY	DATE	DRAWING NO.	
JLT	MAY 1977	28 of 40	
CHECKED BY	SCALE		
SJM	As Shown		