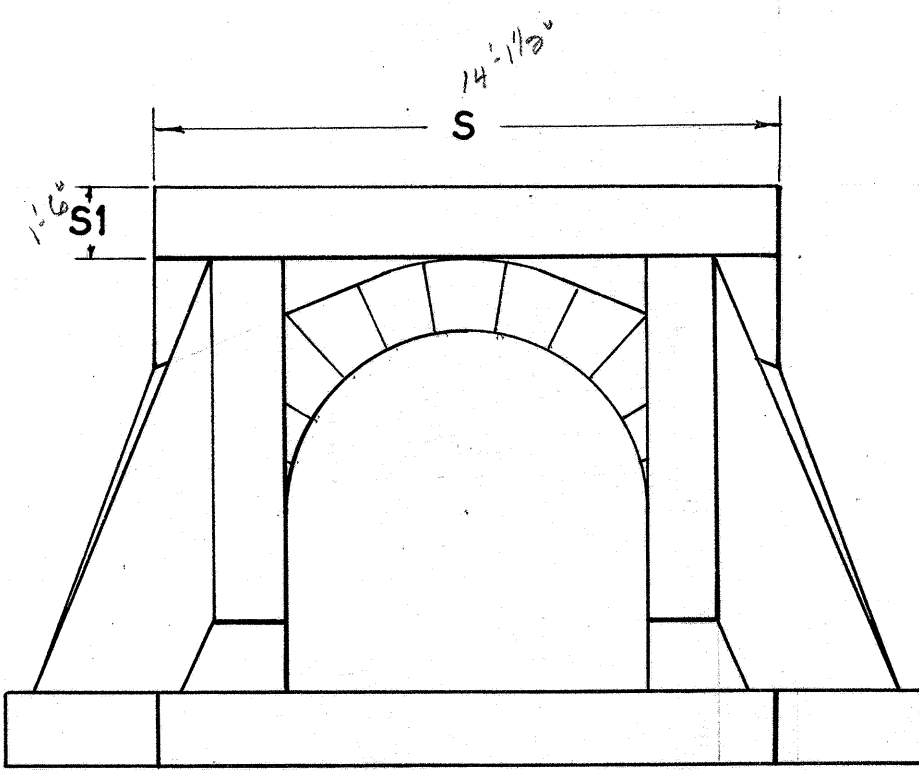
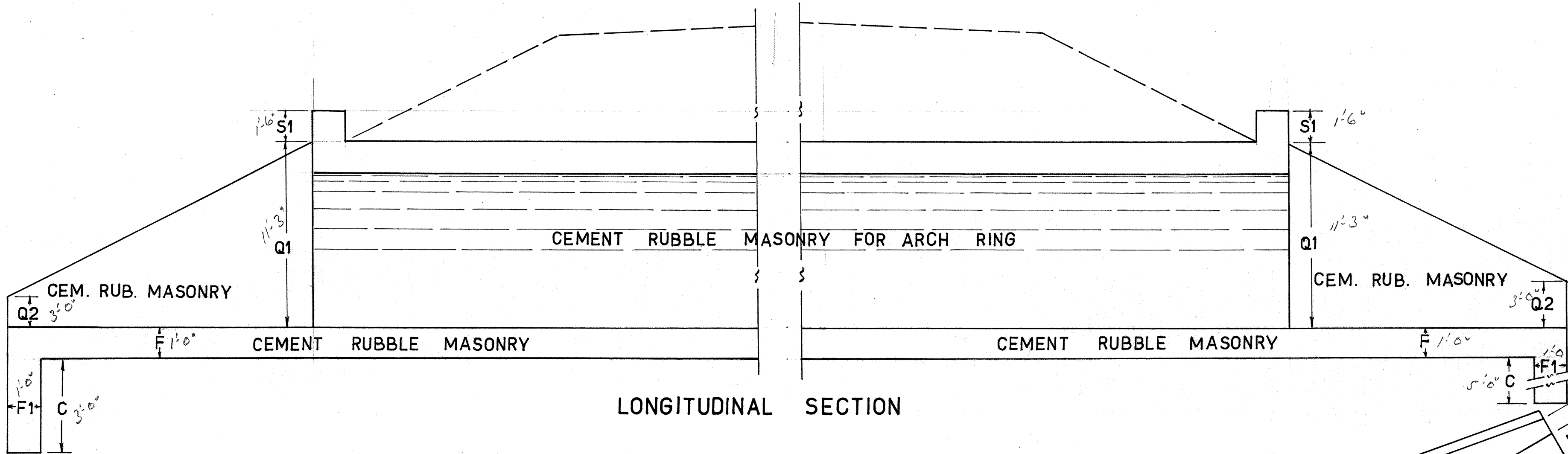
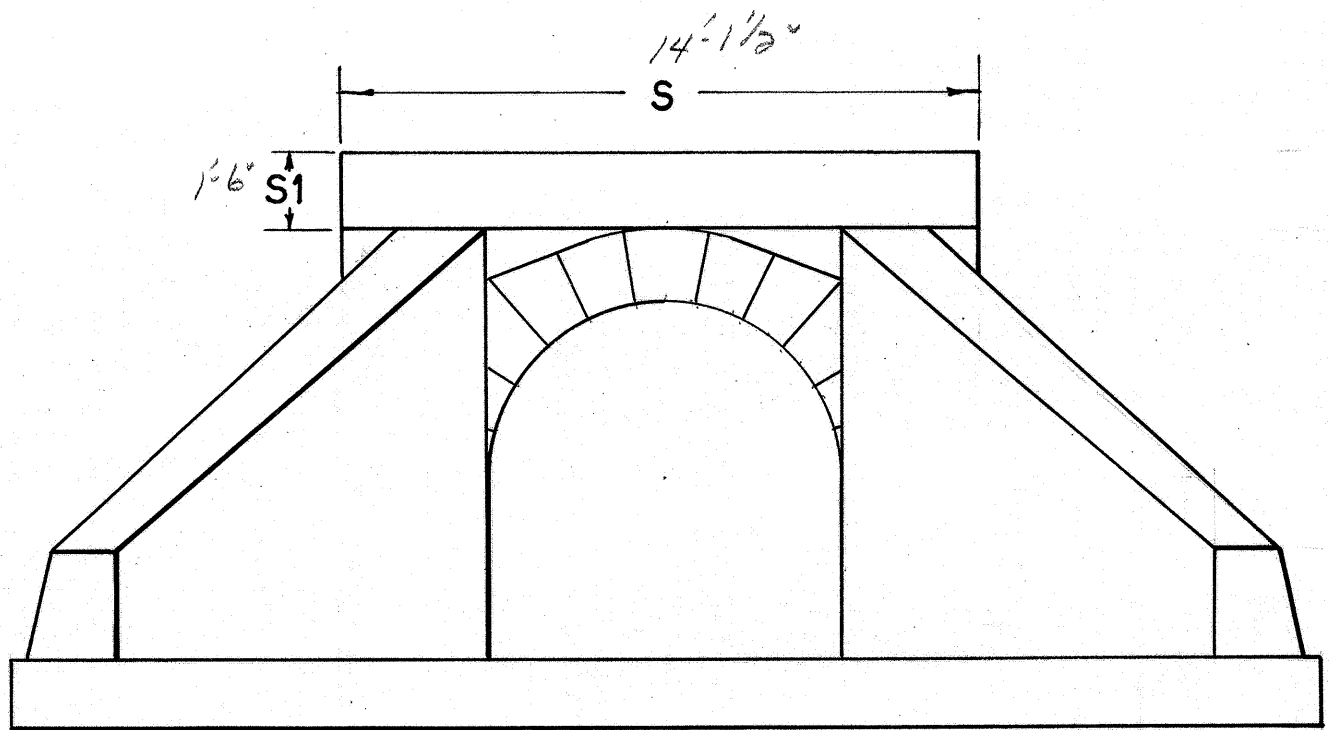




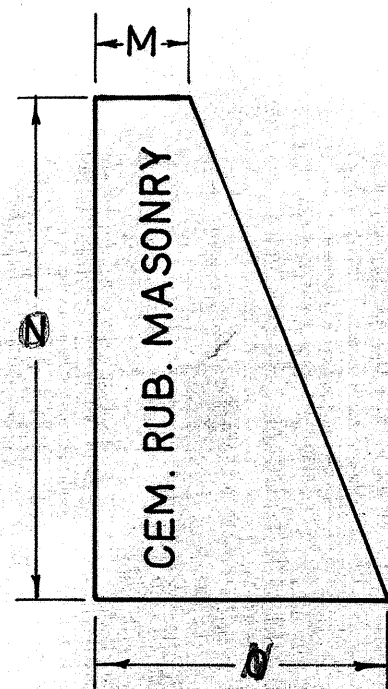
DOWNSTREAM ELEVATION



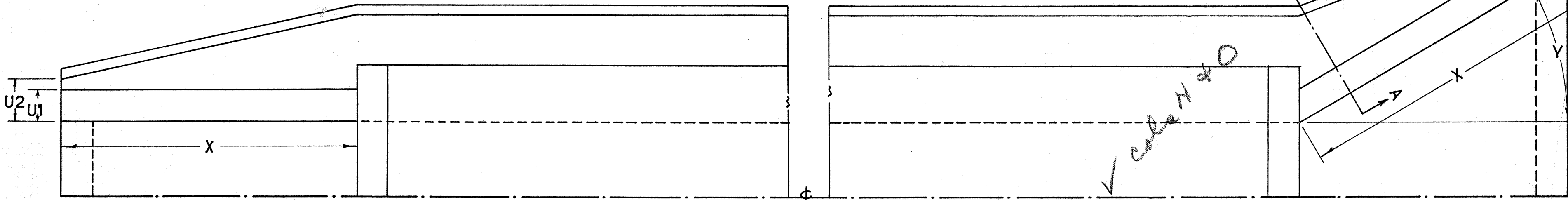
LONGITUDINAL SECTION



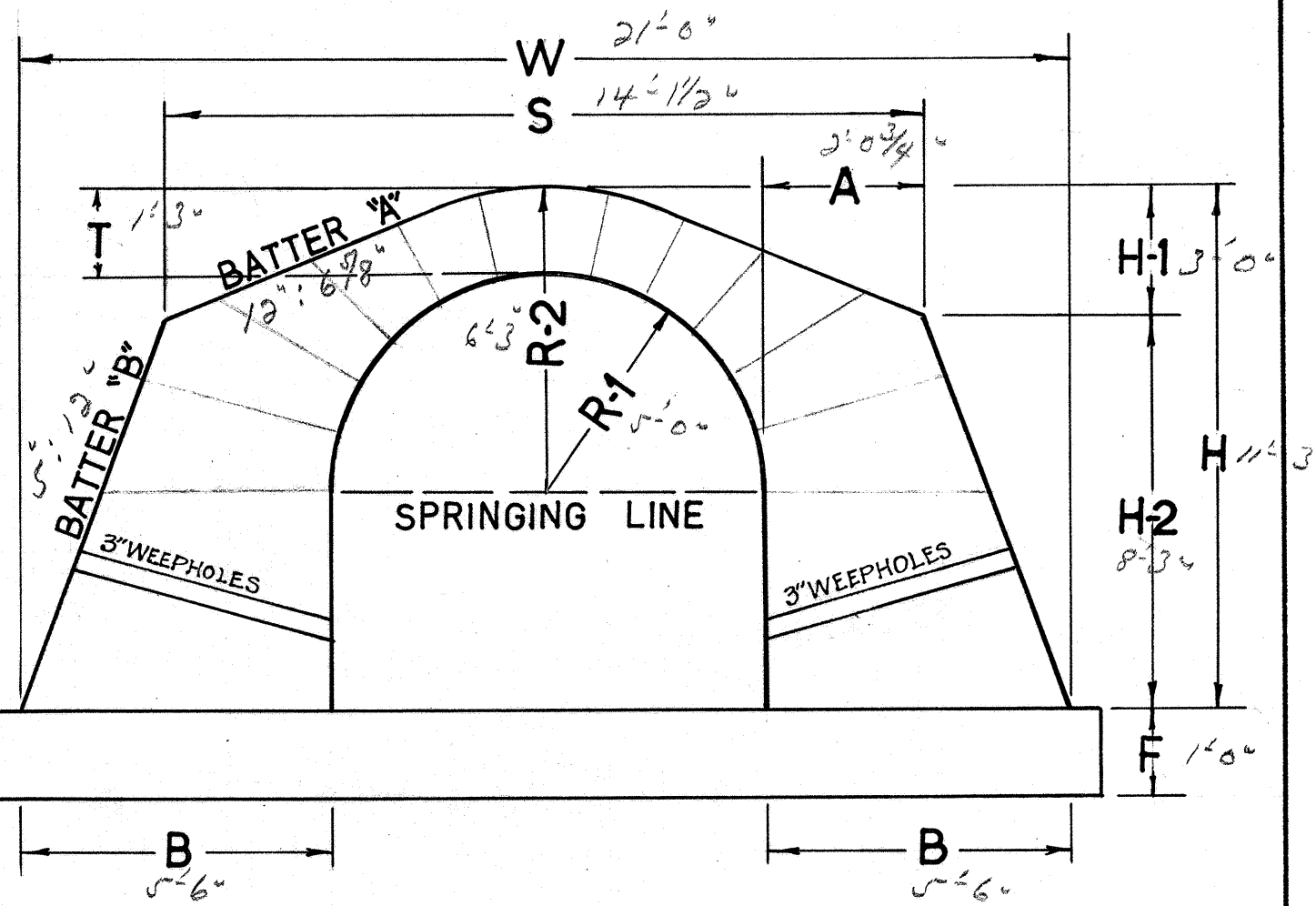
UPSTREAM ELEVATION



SECTION A-A



P L A N



CROSS - SECTION

DIMENSIONS FOR 5FT., 7FT. AND 10FT. CEM. RUB. MASONRY ARCHES														W I N G														W A L L													
SPAN	R1	R2	T	H	H1	H2	A	B	W	F	S	S1	BATTER		I N L E T										O U T L E T																
													A	B	X	Y	Q1	Q2	U1	U2	F	F1	C	SEC. A-A			X	Q1	Q2	U1	U2	F	F1	C							
													M	N										O																	
5 FT.	2'-6"	3'-6"	1'-0"	6'-0"	1'-5 $\frac{1}{4}$ "	4'-6 $\frac{3}{4}$ "	1'-10 $\frac{5}{8}$ "	3'-6"	12'-0"	1'-0"	8'-9 $\frac{1}{2}$ "	1'-0"	12'-4 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	12"	10'-4"	30"	6'-0"	1'-6"	1'-0"	1'-6 $\frac{1}{2}$ "	1'-0"	1'-0"	3'-0"	1'-0"	3'-0"	5'-2 $\frac{3}{4}$ "	10'-0"	6'-0"	1'-0"	1'-0"	1'-4 $\frac{1}{2}$ "	1'-0"	1'-0"	5'-0"						
7 FT.	3'-6"	4'-7 $\frac{1}{2}$ "	1'- $\frac{1}{2}$ "	8'-1 $\frac{1}{2}$ "	2'-1 $\frac{1}{2}$ "	6'-0"	2'-0"	4'-6"	16'-0"	1'-0"	11'-0"	1'-0"	12'-6"	5'-12"	5'-12"	17'-4"	45"	8'-1 $\frac{1}{2}$ "	2'-0"	1'-0"	1'-8"	1'-0"	1'-0"	3'-0"	1'-0"	3'-3"	7'-3"	13'-3"	8'-1 $\frac{1}{2}$ "	1'-6"	1'-0"	1'-6 $\frac{1}{4}$ "	1'-0"	1'-0"	5'-0"						
10 FT.	5'-0"	6'-3"	1'-3"	11'-3"	3'-0"	8'-3"	2'- $\frac{3}{4}$ "	5'-6"	21'-0"	1'-0"	14'-1 $\frac{1}{2}$ "	1'-6"	12'-6 $\frac{5}{8}$ "	5'-12"	5'-12"	23'-4"	45"	11'-3"	3'-0"	1'-0"	2'-0"	1'-0"	1'-0"	3'-0"	1'-0"	3'-10"	9'-6"	17'-6"	11'-3"	2'-6"	1'-0"	1'-10 $\frac{1}{4}$ "	1'-0"	1'-0"	5'-0"						

X-sec. Length = 46'-0"

TABLE OF QUANTITIES						
STATION	SPAN	LENGTH	CEM. RUB. MASONRY FOR ARCH RING	CEM. RUBBLE MASONRY	UNCLASS. EXC. (CHANNEL)	UNCLASS. EXC. FOR STRUCTURE
99+75	10 FT.	36 Ft.	43 cu. yds.	107 cu. yds.		60 cu. yds.
250+02	7 FT.	70 Ft.	59 "	131 "		180 "
262+25	5 FT.	62 Ft.	37 "	88 "		200 "
273+75	5 FT.	58 Ft.	35 "	83 "		220 "
291+35	5 FT.	39 Ft.	23 "	61 "		250 "

5 FT. 7 FT. AND 10 FT. CEMENT RUBBLE MASONRY CULVERTS