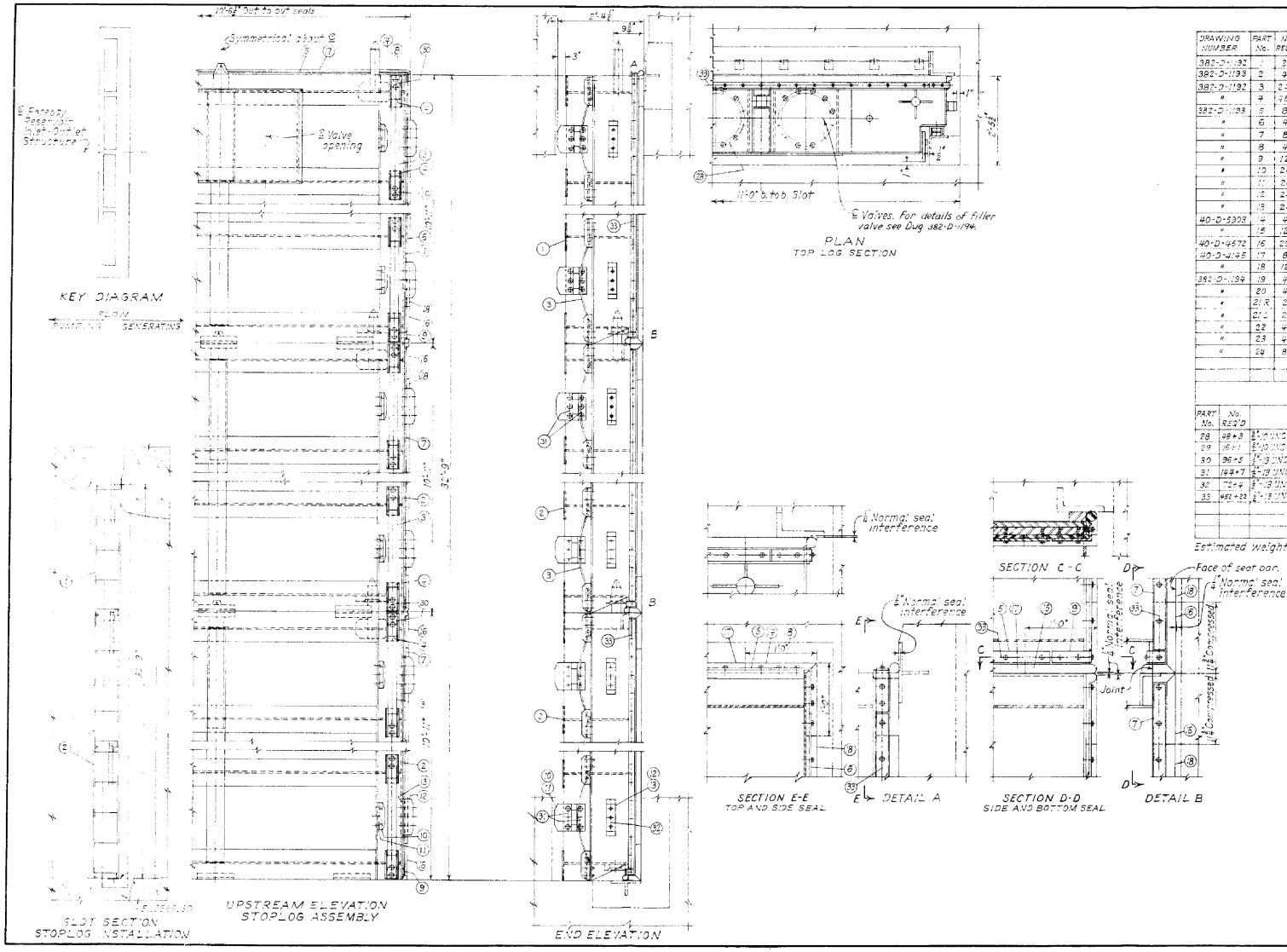

LIST OF PARTS FOR SIX STOPLOG SECTIONS

DRAWING NUMBER	PART No.	No. REQ'D	DESCRIPTION	MATERIAL	MATERIAL
382-D-1192	1	2	Top log section	Structural steel	See Specification
382-D-1193	2	4	Intermediate and lower log section		
382-D-1192	3	24	Spring	Spring steel	
"	4	48	Spring keeper	Steel	
382-D-1193	5	8	Seal clamps (top and bottom)		
"	6	4	Seal clamps (side of top log)		
"	7	8	Seal clamps (side of intn. & lower log)		
"	8	4	Top corner seal clamp		
"	9	12	Bottom corner seal clamp		
"	10	24	Bumper		
"	11	24	Shim		
"	12	24	Guide		
"	13	24	Shim		
40-D-5908	14	4	Top corner seal	Neoprene	
"	15	12	Bottom corner seal		
40-D-4572	16	20	Top and bottom corner seal		
40-D-4145	17	8	Top and bottom seals 8'-6½" long		
"	18	12	Side seals 9'-11½" long		
382-D-1194	19	4	Sleeve	Aluminum bronze casting	
"	20	4	Valve body	Steel	
"	21 R	2	Valve arm		
"	21 L	2	Valve arm		
"	22	4	Bracket*		
"	23	4	Valve arm shaft*	Brass and steel	
"	24	8	Shoulder bolt*	Brass	

UNDETAILED PARTS

PART No.	No. REQ'D	DESCRIPTION	USED WITH PARTS	MATERIAL	MATERIAL
28	48+8	¾"-10 UNC-2A x 2½" HEX HEAD BOLT	1,20	Steel	See Specification
29	16+1	¾"-10 UNC-2A x 2½" HEX HEAD BOLT	1,22		
30	96+5	⅝"-11 UNC-2A x 2½" HEX HEAD BOLT	1,2,3,4		
31	144+7	⅝"-11 UNC-2A x 2½" HEX HEAD BOLT	1,5,10,11		
32	72+4	⅝"-11 UNC-2A x 2½" SOCKET HEAD CAP SCREW	1,6,8,12,13		
33	432+23	⅜"-16 UNC-2A x 1½" SCREW	8,9,14,15,16,18		

Estimated weight of parts 1 thru 33 for two openings ..... 55,600 Lbs

NOTES

All joints in neoprene seals shall be carefully fitted and closely butted.
Maintain an uncompressed seal projection of ¼" all around when installing neoprene seals.

DESIGN CRITERIA

Maximum design head ..... 80.3 Ft.

LIST OF DRAWINGS

INSTALLATION-ASSEMBLY-LIST OF PARTS 382-D-1191
TOP LOG SECTION 382-D-1192
INTERMEDIATE AND LOWER LOG SECTION 382-D-1193
FILLING SLEEVE VALVE 382-D-1194

REFERENCE DRAWINGS

FOREBAY INLET-OUTLET STRUCTURE
PLAN AND SECTIONS 382-D-1022
STOPLOG SEATS AND GUIDES
ANCHOR BOLTS AND SETTING 382-D-1188
INSTALLATION-LIST OF PARTS 382-D-1189
STOPLOG LIFTING FRAME
ASSEMBLY-LIST OF PARTS 382-D-1195
RUBBER SEALS 40-D-4145, 4572, 5908

ALWAYS THINK SAFETY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
FRYINGPAN-ARKANSAS PROJECT-COLORADO
EAST SLOPE POWER SYSTEM

MT. ELBERT PUMPED-STORAGE POWER PLANT
FOREBAY RESERVOIR INLET-OUTLET STRUCTURE
STOPLOGS
INSTALLATION-ASSEMBLY-LIST OF PARTS

DESIGNED E.H. Hendricks SUBMITTED Arthur Murray
DRAWN E.H. Hendricks RECOMMENDED E.E. Engler
CHECKED [illegible] APPROVED [illegible]
DENVER, COLORADO NOV. 1, 1971 CHIEF, MECHANICAL BRANCH
SHEET 1 OF 2 382-D-1191