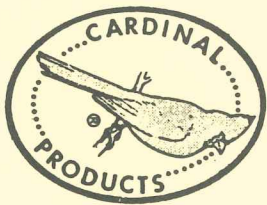
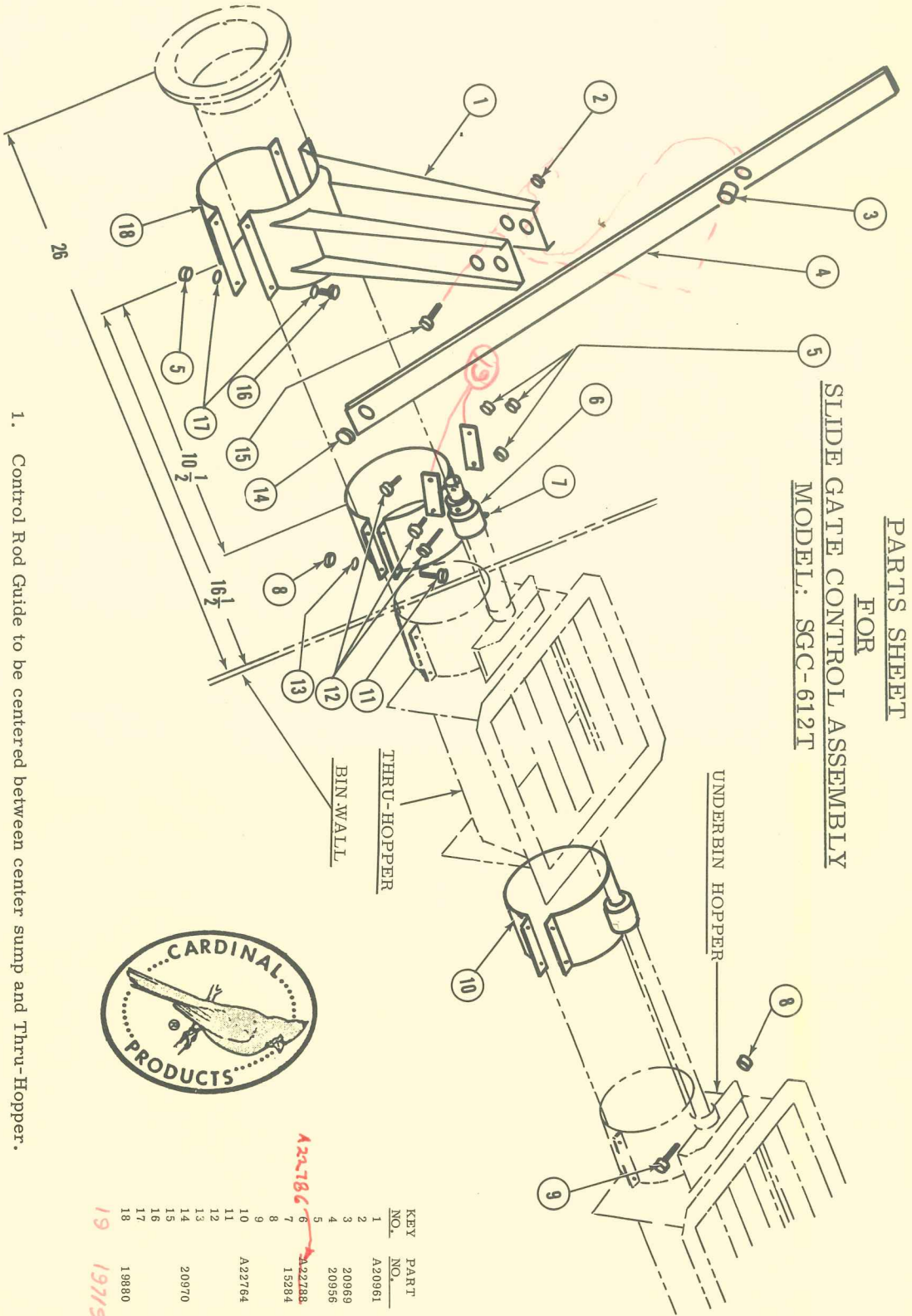


PARTS SHEET
FOR
SLIDE GATE CONTROL ASSEMBLY
MODEL: SGC-612T



KEY NO.	PART NO.	DESCRIPTION
1	A20961	PIVOT
2	20969	LOCKNUT, 1/2-13NC (2 REQ.)
3	20956	SPACER - PIVOT
4		LEVER
5	A22788	LOCKNUT, 3/8-16NC (5 REQ.)
6	15284	GUIDE BEARING ASSY.
7		ZERK FITTING
8		LOCKNUT, 5/16-18NC (5 REQ.)
9	A22784	CAP SCREW, 5/16-18NC x 1 3/4"
10		CONTROL ROD GUIDE
11		CAP SCREW, 5/16-18NC x 1" (4 REQ.)
12		CAP SCREW, 3/8-16NC x 2" (3 REQ.)
13		FLAT WASHER, 5/16" (4 REQ.)
14	20970	SPACER - LEVER & LINK
15		CAP SCREW, 1/2-13NC x 3 3/4"
16		CAP SCREW, 3/8-16NC x 1" (4 REQ.)
17		FLAT WASHER, 3/8" (8 REQ.)
18	19880	HALF CLAMP

19 19719 Kevallink

- Control Rod Guide to be centered between center sump and Thru-Hopper.
- Control Rods (furnished by customer) are 1/2" and 1" Pipe. To determine length of 1/2" Control Rod, place Guide Bearing as shown and close Slide Gate of center sump. Rod should then protrude 4" beyond Bearing. Hole in Bearing end of Control Rod is drilled 1/2" off end of Pipe using a 3/8" drill. Drill through hole in sleeve on Slide Gate of center sump, using a 5/16" drill. The length of the 1" Pipe is determined with the Slide Gate of the Thru-Hopper closed. Slide the 1" Pipe over the installed 1/2" Pipe and thread it into the coupling on the Slide Gate of the Thru-Hopper. Cut the 1" Pipe so that 2" of the 1/2" Pipe is exposed. Drill a 3/8" hole 1/2" off the end of the 1" Pipe and through both Pipes.
- Assemble the Lever and Linkage and attach the Linkage to the 1/2" Pipe.
- The 1/2" Pipe operates the center sump Slide Gate and the 1" Pipe operates the Thru-Hopper Slide Gate. To operate both of the Slide Gates together, the 3/8"-16NC x 2 Bolt is inserted into the drilled hole next to the Bearing and through both Pipes locking them together. To operate just the center sump remove the 3/8" Bolt and only the 1/2" Pipe is moved. Always Be Sure both Gates are closed when the Bolt is inserted or removed.

