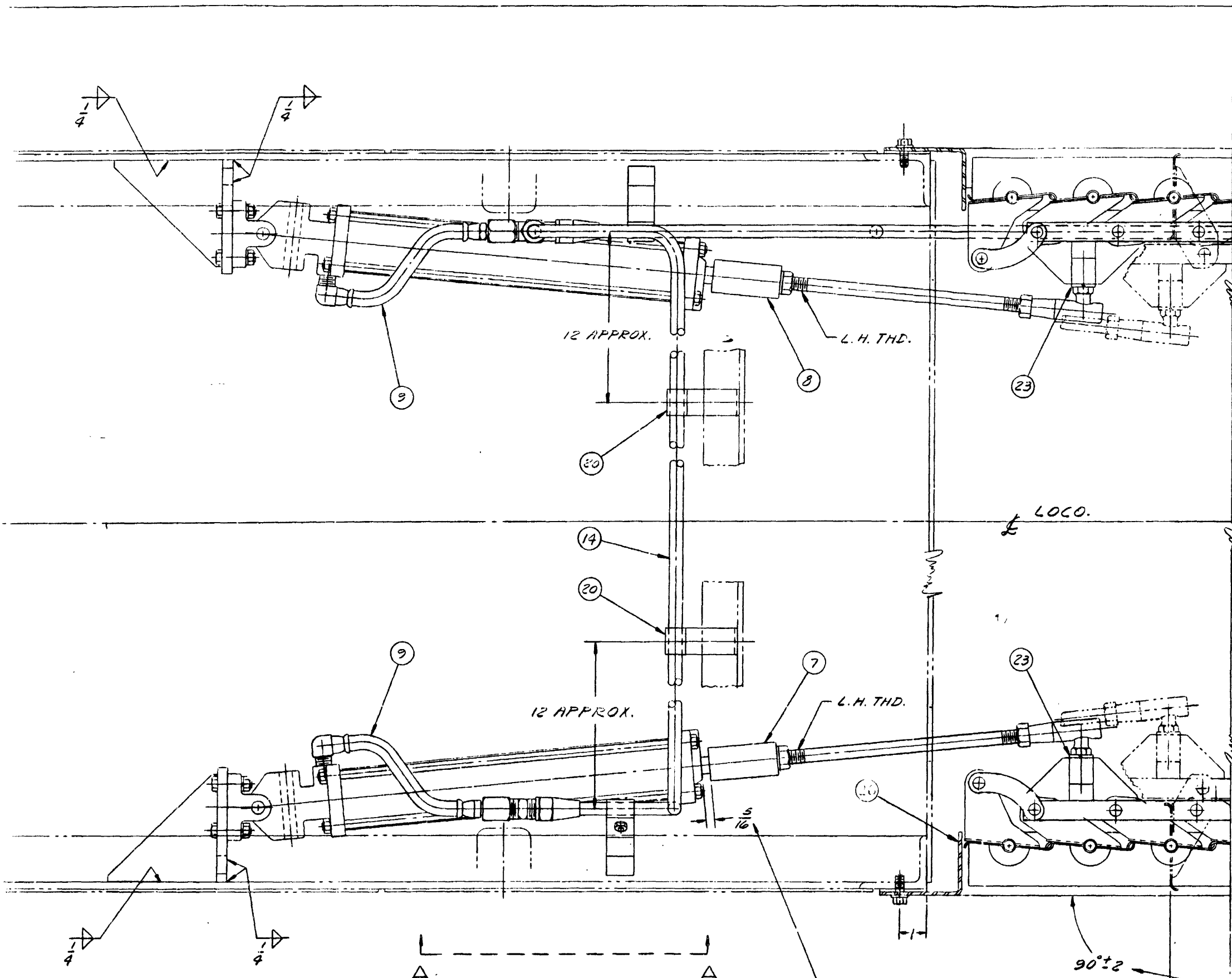


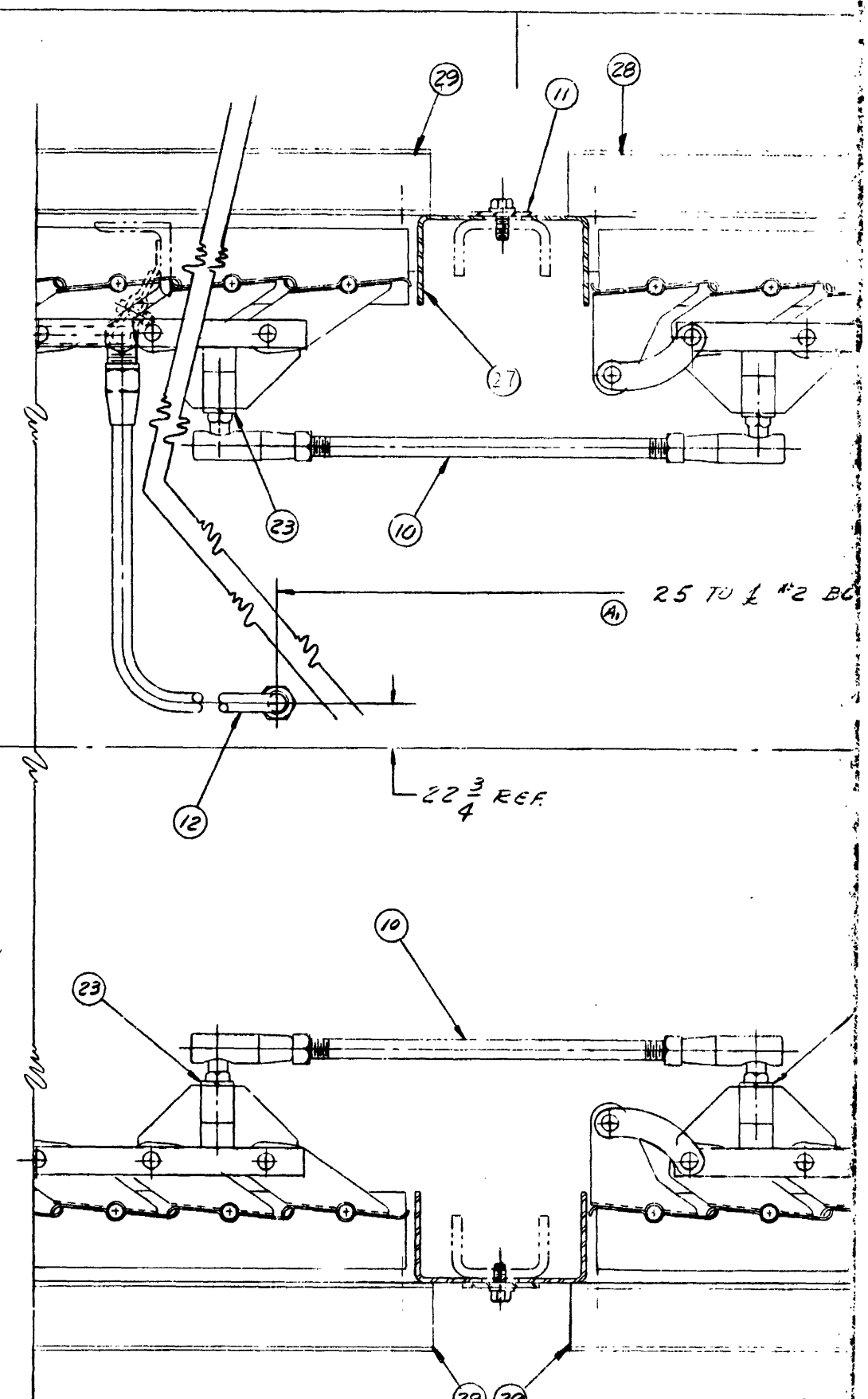
WELD CLAMPS PER IT.21.
CLEAN AIR PIPING PER IT.22.

SHUTTER FRAME MUST FIT SNUG & FLAT
ON HOOD WITH NO GAPS.

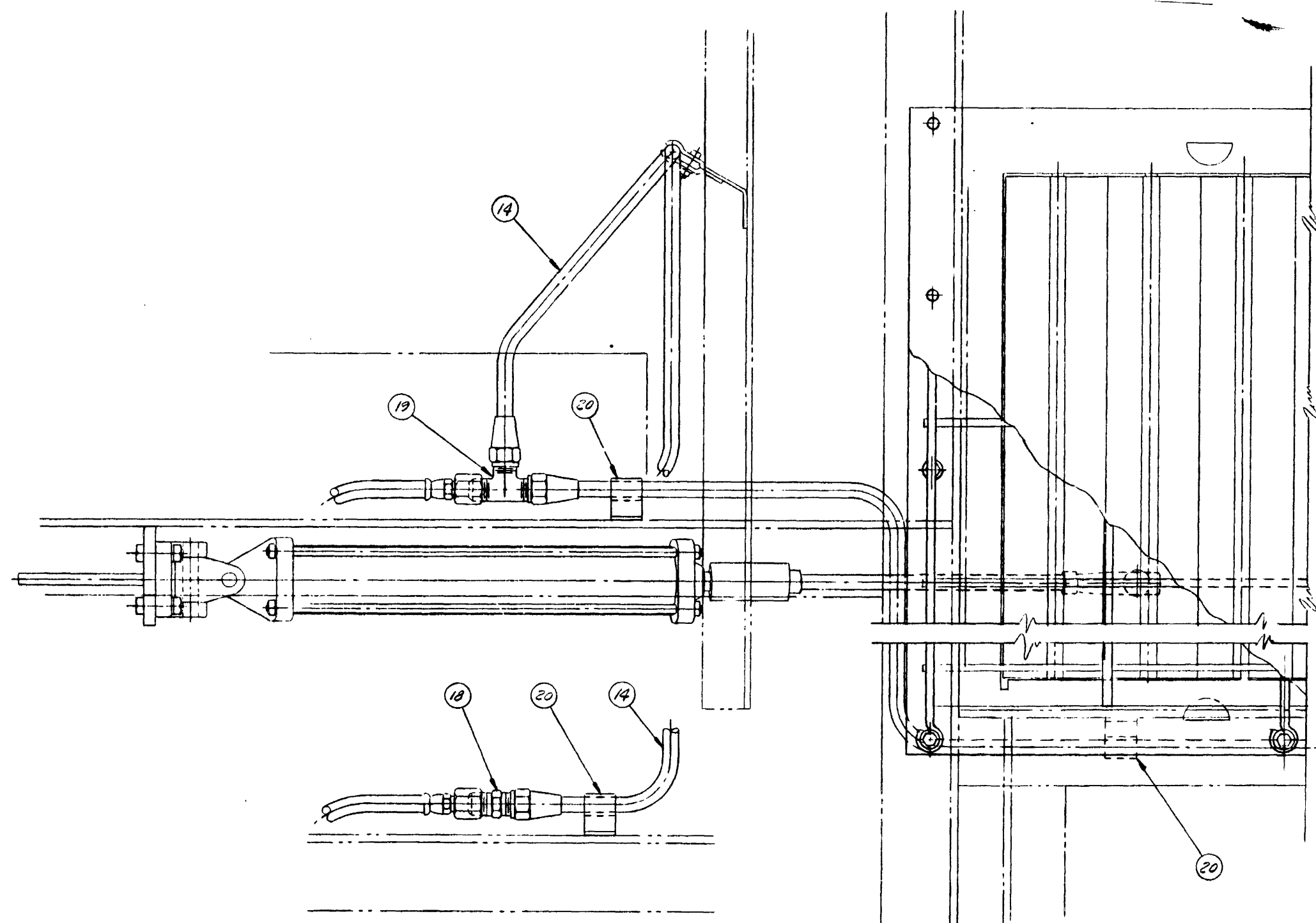
2		GRILLE 2 GUTTER ASM.	8483651	29
2		GRILLE 2 GUTTER ASM.	8483640	28
1		SHUTTER ASSEM.	8323220	27
1		SHUTTER ASSEM.	8323218	26
1		SHUTTER ASSEM.	8323218	26
1		SHUTTER ASSEM.	8323217	24
0		WASHER - 1/2 LOCK	103323	23
X	A.1. 1697	CLEANING OF PIPING		22
X	A.1. .576	WELDING OF CLAMPS		21
7		CLAMP ASSEMBLY	8108206	20
1		TEE-1/2 TUBE	118809	15
1		UNION - 1/2 TUBE	118804	18
1		ELBOW-1/2 TUBE	118814	17
1		CONNECTOR-1/2 PT X 1/2 TUBE	8040330	16
74		SCREW-5/16-18	9421606	15
1		TUBE ASSEMBLY	8303315	14
1		TUBE ASSEMBLY	8303314	13
1		TUBE ASSEMBLY	8303313	12
2		STRIP	8314881	11
2		OPERATING ROD ASSEM.	8303339	10
2		HOSE ASSEMBLY	8351767	9
1		AIR CYLINDER ASSEMBLY	8303343	8
1		AIR CYLINDER ASSEMBLY	8303342	7
2		GRILL & FRAME ASSEMBLY	8303146	6
2		GRILL & FRAME ASSEMBLY	8303185	5
2		SHUTTER ASSEMBLY	8303111	4
1		SHUTTER ASSEMBLY	8303112	3
1		SHUTTER ASSEMBLY	8303111	2
1		SHUTTER ASSEMBLY	8303113	1
MATERIAL		MADE OF PART	PART NO.	LT.
<p>ELECTRO-MOTIVE DIVISION GENERAL MOTORS CORPORATION 14 ORANGE, ILLINOIS - U.S.A.</p> <p>APPLICATION OF SHUTTERS</p>				
DATE		DATE OF PRINT		
12-31-61		8303607		



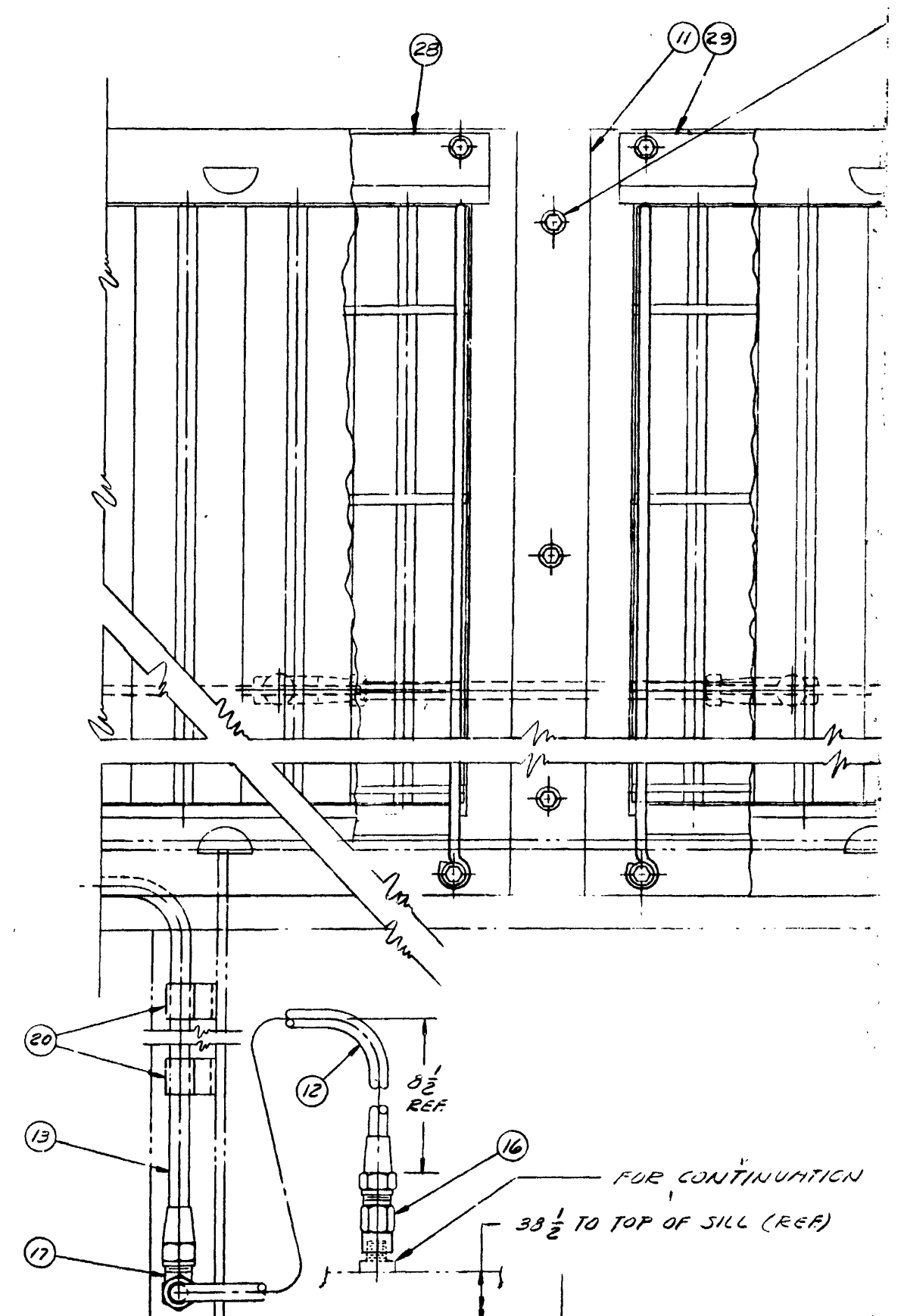
STEP 1 : INSTALLATION -
LOCATE CYLINDER INTG. BRKT. ON
HOOD ANGLE AS SHOWN, MAINTAINING
 $\frac{5}{16}$ DIM. WITH ALL SHUTTERS IN CLOSED POSITION.
THIS DIM. USED ONLY FOR INITIAL LOCATION
OF CYLINDER BRKT.



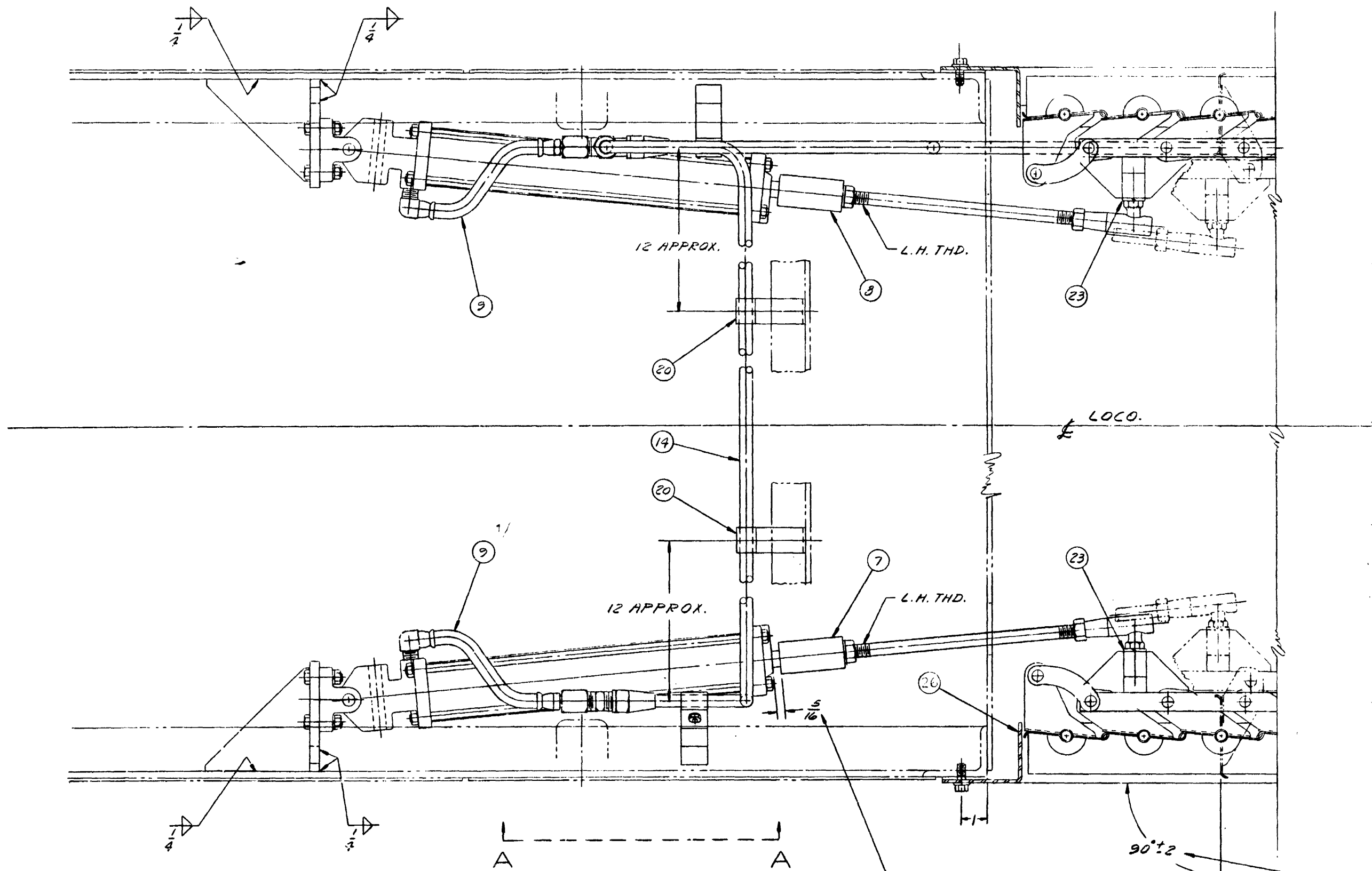
STEP 2 : FINAL ADJUSTMENT -
WITH AIR ON PISTON, AND PISTON FULLY
EXTENDED, ADJUST PISTON ROD TO
OBTAIN SHUTTER BLADE ANGLE OF
 $90^{\circ} \pm 2^{\circ}$ (FULLY OPEN). SHUTTERS MUST
WORK FREELY FROM FULLY CLOSED TO
FULLY OPEN POSITION.



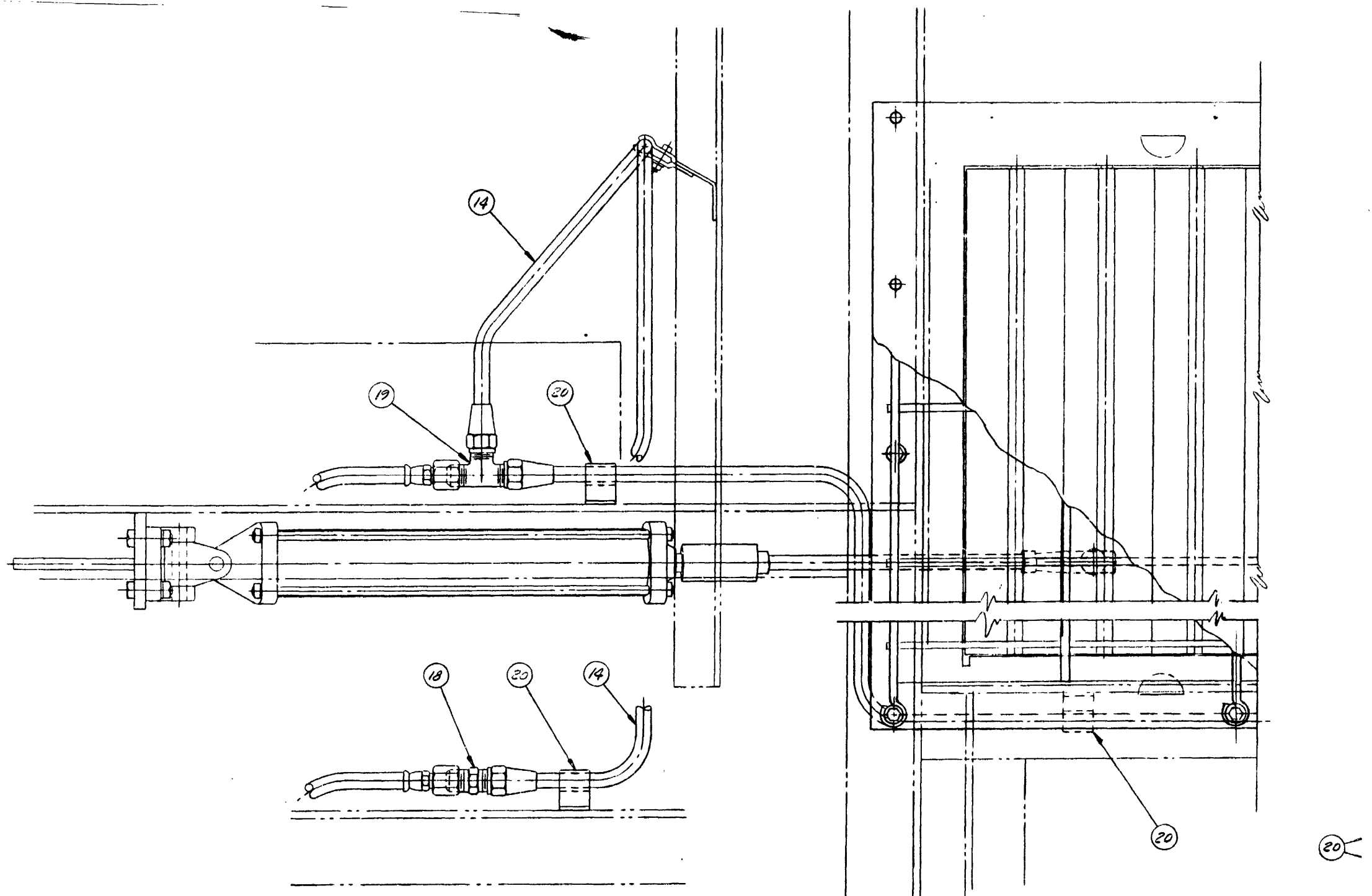
VIEW A-A



FOR CONTINUATION
 $39 \frac{1}{2}$ TO TOP OF SILL (REF)



STEP 1 : INSTALLATION -
LOCATE CYLINDER M/T4. BRKT. ON
HOOD ANGLE AS SHOWN, MAINTAINING
5/16" DIM. WITH ALL SHUTTERS IN CLOSED POSITION
THIS DIM. USED ONLY FOR INITIAL LOCATION
OF CYLINDER BRKT.



VIEW A-A

BREAK ALL SHARP CORNERS
UNLESS OTHERWISE SPECIFIED
COUNTERSINK ALL TAPPED HOLES
118 ° X ONE THRD. DEEP.
SURFACE FINISH SPECS. ARE IN
ACCORDANCE WITH G.W. ENGR STDs
PERMISSIBLE VARIATION ON COMMON
FRACTION DIMENSIONS TO MACHINED
SURFACES TO BE ±.010 UNLESS
OTHERWISE SPECIFIED.
FABRICATION TOLERANCE. ± $\frac{1}{32}$
CASTING TOLERANCE:
FORGING TOLERANCE: