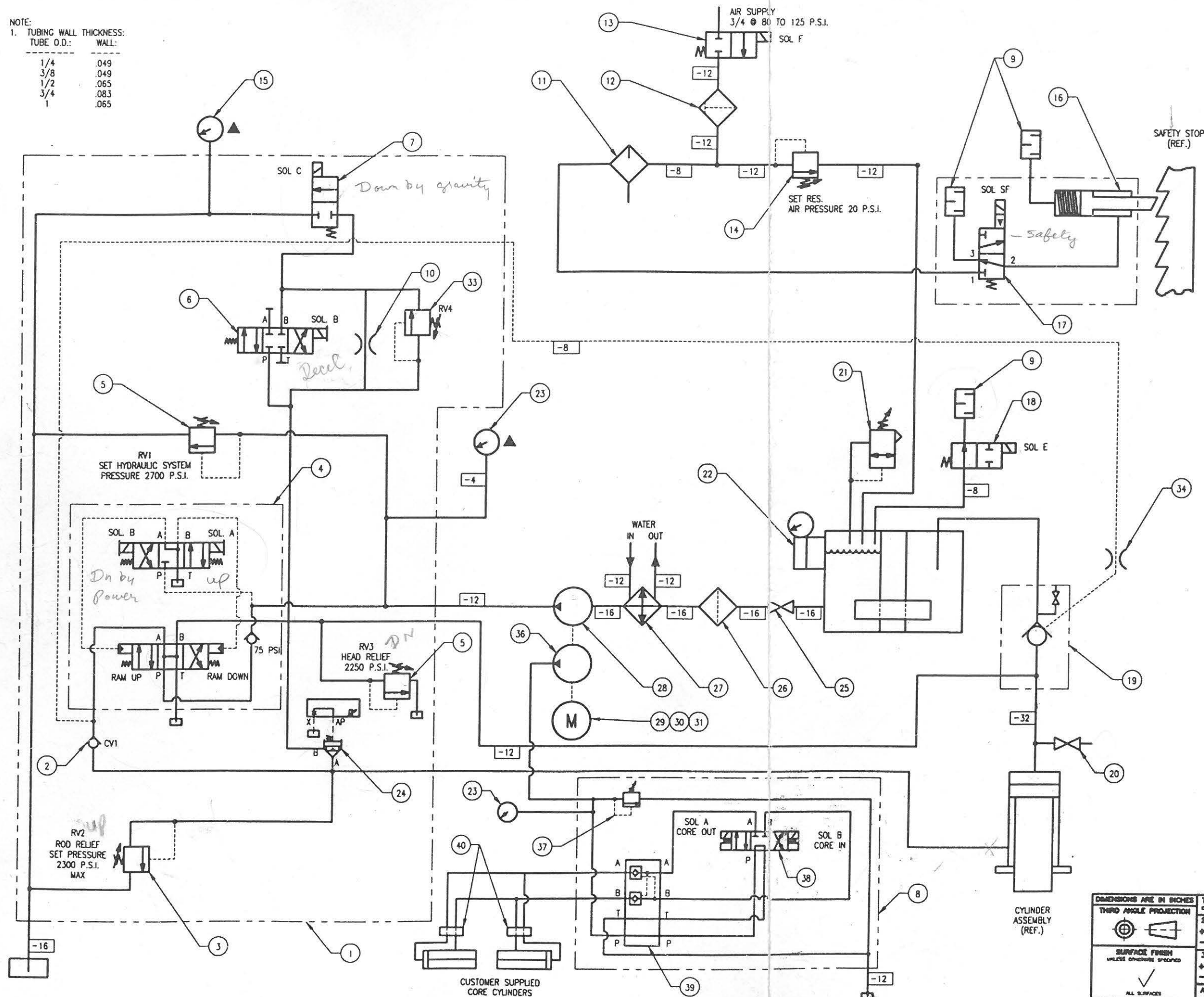


NOTE:
1. TUBING WALL THICKNESS:
TUBE O.D.: WALL:

1/4	.049
3/8	.049
1/2	.065
3/4	.083
1	.065



REVISIONS			
SYM.	DESCRIPTION	DATE	APP.

LEGEND	
-4	1/4 IN. LINE
-8	1/2 IN. LINE
-12	3/4 IN. LINE
-16	1 IN. LINE
-32	2 IN. LINE
▲	PANEL MOUNTED

40	2	K611038	CORE CYLINDER MOUNTING BLOCKS
39	1	K611028	PILOT OPERATED CHECK VALVE
38	1	K611006	4-WAY VALVE (3 POSITION)
37	1	041549	RELIEF VALVE
36	1		VANE PUMP
34	1		ORIFICE
33	1	K591076	DECEL CUSHION RELIEF VALVE
31	1	K591023	COUPLING
30	1	K591021	ADAPTER
29	1		MOTOR
28	1	K591002	VANE PUMP (8 G.P.M. - 2000 P.S.I.)
27	1	K591052	HEAT EXCHANGER
26	1	K591014	FILTER
25	1	K611035	GATE VALVE
24	1	K591075	DOWNSPEED SLIP-IN VALVE
23	2	K591005	GAUGE (0-3000; GLY.)
22	1	K591020	LEVEL GAUGE W/ THERMOMETER
21	1	K591016	AIR RELIEF VALVE
20	1	K411018	BLEED VALVE
19	1	CK012593	PREFILL VALVE ASSEMBLY
18	1	K591026	AIR VALVE (N.O.)
17	1	K601043	3-WAY VALVE (N.C.)
16	1		CYLINDER - SAFETY STOP
15	1	K591017	AIR GAUGE (0-60)
14	1	K591018	AIR REGULATOR
13	1	K591025	AIR VALVE (N.C.)
12	1	K591019	AIR FILTER
11	1	K591013	AIR LUBRICATOR
10	1		ORIFICE (DRILL .070)
9	3	K591028	AIR MUFFLER
8	1	NK611040	SIDE CORE SUBMANIFOLD
7	1	K591010	2-WAY VALVE
6	1	K591058	4-WAY VALVE (2 POSITION)
5	2	K591007	RELIEF VALVE
4	1	K591056	4-WAY VALVE (3 POSITION)
3	1	041284	RELIEF VALVE
2	1	041009	CHECK VALVE
1	1	K451019	MANIFOLD
NO.	QTY.	PART NO.	DESCRIPTION

DIMENSIONS ARE IN INCHES THIRD ANGLE PROJECTION	
SURFACE FINISH UNLESS OTHERWISE SPECIFIED	
ALL SURFACES	
SHEET	1 OF 1

PARTS LIST			
NATIONAL DIECASTING MACHINERY KARD TRIM PRESSES			
MATERIAL:	DATE:	SCALE:	DRAWN: P. BOSWELL
SEE PARTS LIST	6/16/97	NONE	APP'D. BY:
TITLE: HYDRAULIC SCHEMATIC			
ASSY/MODEL:	PART NUMBER	DRAWING NO.:	REV.:
TP30-4 WITH SIDE CORES		SP-013055-D	