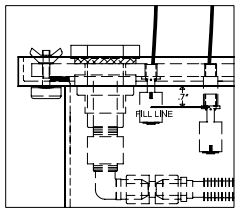
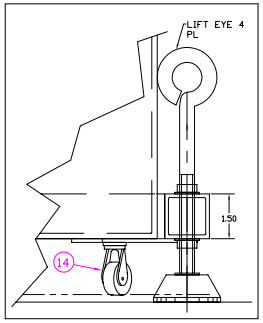
NOTES: (UNLESS OTHERWISE SPECIFIED)

1. THE HIGH ALARM FLOAT HAS THE MAGNET UP AND THE LOW ALARM FLOAT HAS THE MAGNET DOWN.

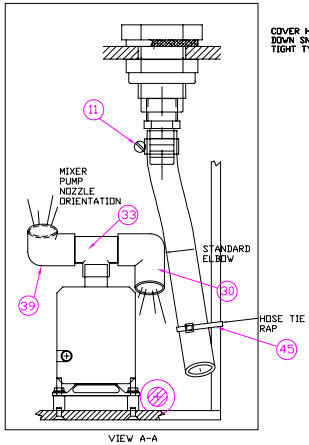
2. USE ONLY LIGHT TORQUE ON THE 4 LID WING NUTS TO PREVENT DISTORTION.



VIEW C-C

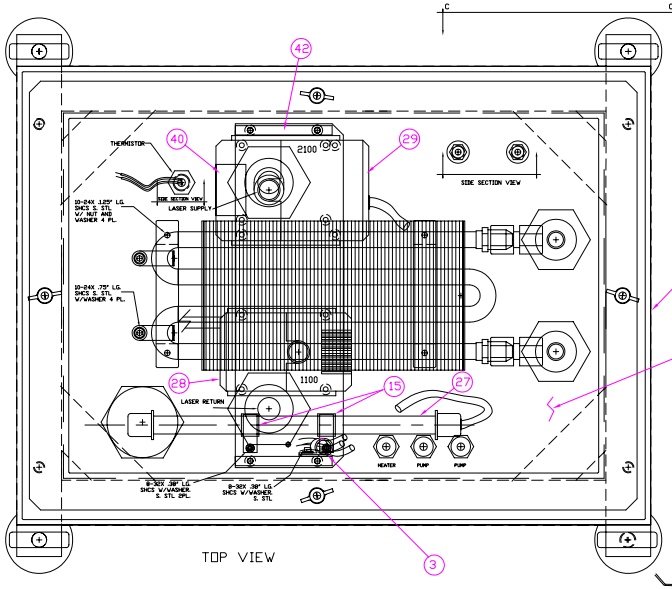


VIEW B-B

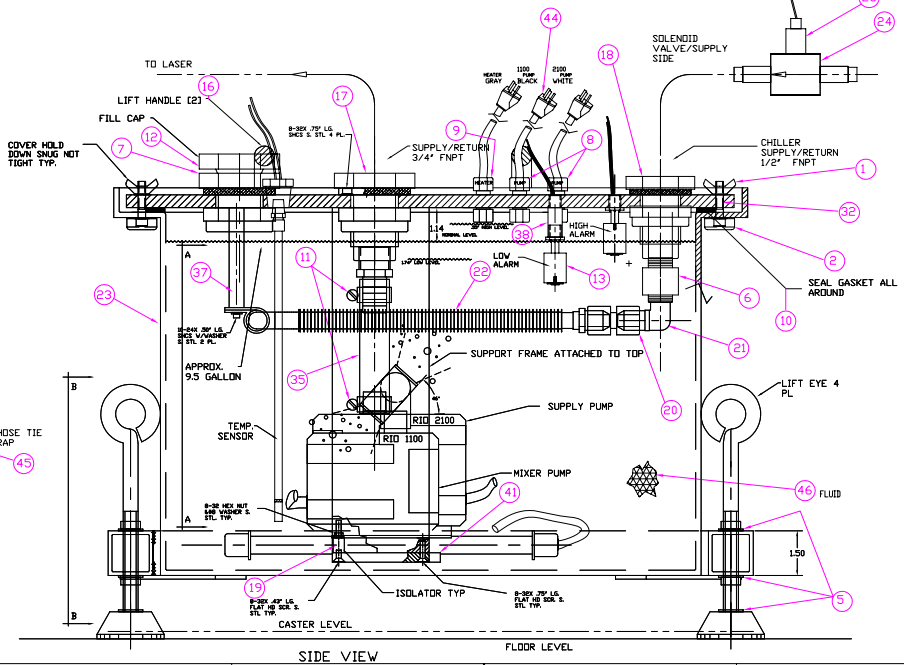


VIEW A-A

.65



TOP VIEW



SIDE VIEW

REV	DATE	DCN #	DRAWING TREE #
	1-30-09	E050064-00-D	

ITEM NO.	REQ.	SPARE	TOT. QUANTITY	PART NUMBER	DESCRIPTION	SUPPLIER
50						
49						
48						
47				LIGO-E040496-00-D	OPERATING PROCEDURE	CIT DCC
46	1				FLUID DEX-COOL/WATER 1TO5 RATIO	MIXTURE
45	1			STD. WHITE	.18 WIDE TIE WRAP	MCMASTER
44	1			SA399	15A /120V 3 PRONG PLUG	TRUE VALUE HARDWARE #5329PW WHT,BLK, GRAY
43	1			DWG #D040570-A	DOWN PLATE RIGHT	
42	1			DWG #D040571-A	DOWN PLATE LEFT	
41	1			DWG #D040573-A	BOTTOM PLATE	
40	1			DWG # D040574-A	2100 PUMP CAP MOD.	
39	1			DWG #D040578-A	MIXER ELBOW MOD.	
38	1			DWG. # D040582-A	FLOAT SPACER	
37	2			DWG. #D040584-A	SUPPORT ROD	
36	1			DWG #D040569-A	RESERVOIR COVER	
35	1			DWG #D040580-A	SUPPLY TUBE	
34	1			DWG #D040581-A	RETURN TUBE	
33	1			DWG #D040577-A	MIXER 'T' MOD.	
32	4			1/4-20 X 1.25" LONG	SHCS STAINLESS STL.	MCMASTER CARR
31	4			#92001A321	WING NUT	MCMASTER CARR
30	1			#TA4133	MOTION KIT	FISH SUPPLY EXPRESS 1-800-811-5992
29	1			N/A	RIO 2100 PUMP	FISH SUPPLY EXPRESS 1-800-811-5992
28	1			#TA3140	RIO 1100 PUMP	FISH SUPPLY EXPRESS 1-800-811-5992
27	1			#JL2HT0300	HEATER (JALI 300 WATT)	FISH SUPPLY EXPRESS 1-800-811-5992
26	1			DWG # D040572-A	BASE	AERO WELDING 1-626-358-5412
25	1			EMKC-124	24 VDC COIL	BAKER DISTRIBUTING 1-559-499-6081
24	1			XLP	VALVE BODY	BAKER DISTRIBUTING 1-559-499-6081
23	1			# R121812A	RESERVOIR TANK /TENNESSEE MOLD	TANK DEPOT 1-727-546-1790
22	1			# FLX-4110-6	HEAT EXCHANGER	SUMMIT RACING EQUIPMENT 1-800-230-3030
21	2			# 2103 8-6	90 DEG FITTING	BELL PIPE AND SUPPLY CO. 1-714-772-2050
20	2			# FBM2915	FITTING	SUMMIT RACING EQUIPMENT 1-800-230-3030
19	8			#9378K23	RUBBER FOOT MOUNT	MCMASTER CARR
18	2			#36895K121	1/2" BULK HEAD FITTING	MCMASTER CARR
17	2			#36895K122	3/4" BULK HEAD FITTING	MCMASTER CARR
16	2			#5193A1	LIFT HANDLE	MCMASTER CARR
15	2			#3177T74	METAL LOOP STRAP	MCMASTER CARR
14	4			#2405T41	SWIVEL CASTOR	MCMASTER CARR
13	2			#50195K67	FLOAT SWITCH	MCMASTER CARR
12	1			#46885K216	1 1/2 NPT HEX PLUG	MCMASTER CARR
11	3			#5423SK52	HOSE CLAMP	MCMASTER CARR
10	5FT.			#9356SK64	5/8 WIDE P/E FOAM SEAL	MCMASTER CARR
9	1			DWG. #D040575-A	PANEL MOUNT COUPLING HEATER	
8	2			DWG. #D040579-A	PANEL MOUNT COUPLING PUMP	
7	1			DWG #VD040576-A	1 1/2 BULK HEAD FITTING	MCMASTER CARR
6	2			#5075K31	1/2 X 1/2 NPT ADAPTOR	MCMASTER CARR
5	12			#98017A210	WASHER 1/2"	MCMASTER CARR
4	1			DWG. # D040583-A	THERMISTER PLUG	
3	1			#8876T43	LOOP STRAP	MCMASTER CARR
2	4			#94052A134	KNOB	MCMASTER CARR
1	4			#92001A321	WING NUT	MCMASTER CARR

PARTS LIST

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES:
.XX ±
.XXX ±
ANGULAR ±
MATERIAL
FINISH

	NAME	DATE
DRAWN	KDW	12-16-14
CHECKED		

COMMENTS:

LIGO — CALIFORNIA INSTITUTE OF TECHNOLOGY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: LHO /LLO
SUB-SYSTEM: TCS
NEXT ASSY: NONE
PART NAME: TCS CHILLER ASSEMBLY

SIZE: D | DWG. NO.: D040586-A | REV:
SCALE: | SHEET 1 OF 1

FILE NAME/LOCATION: D040586-A