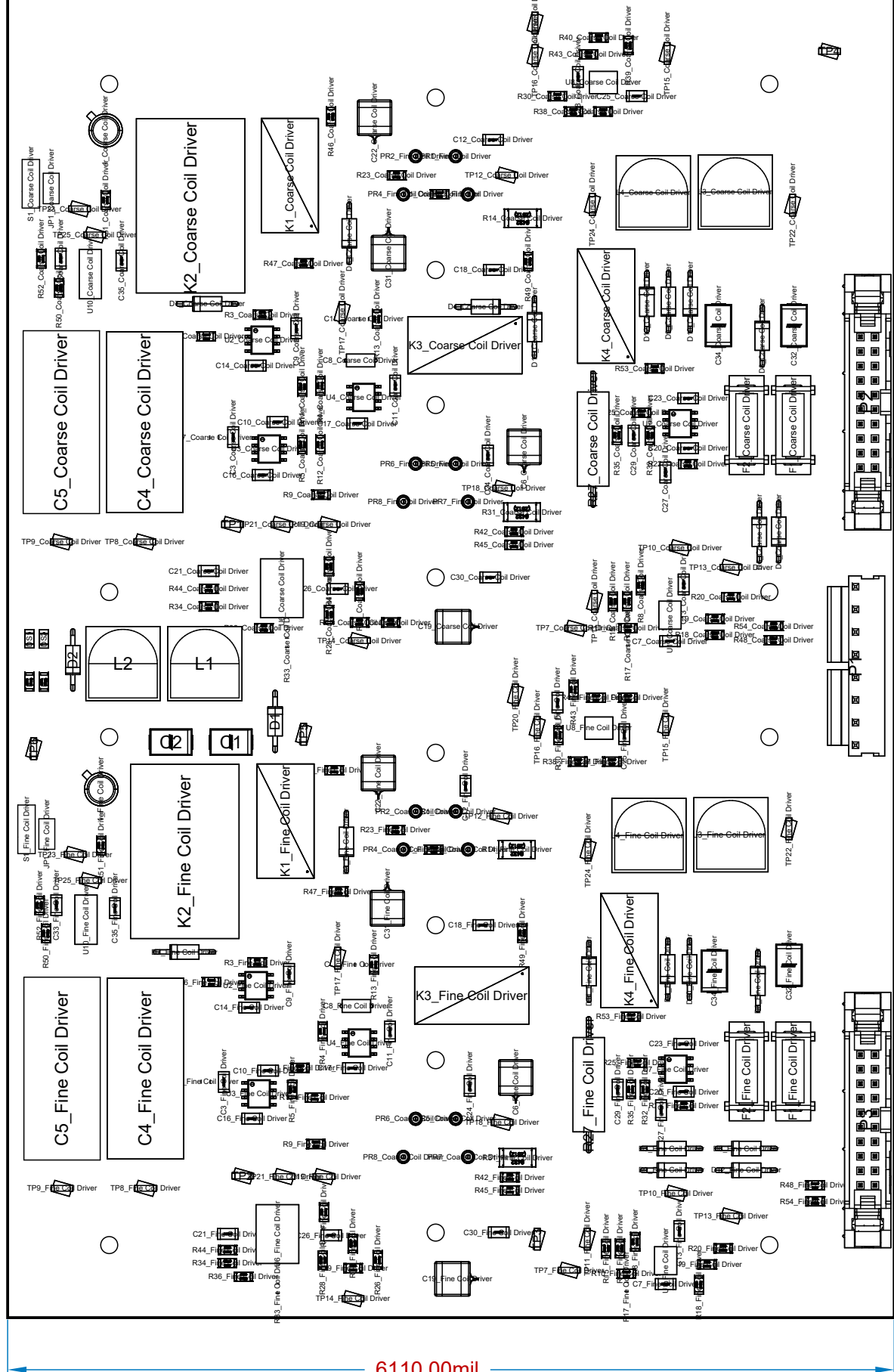
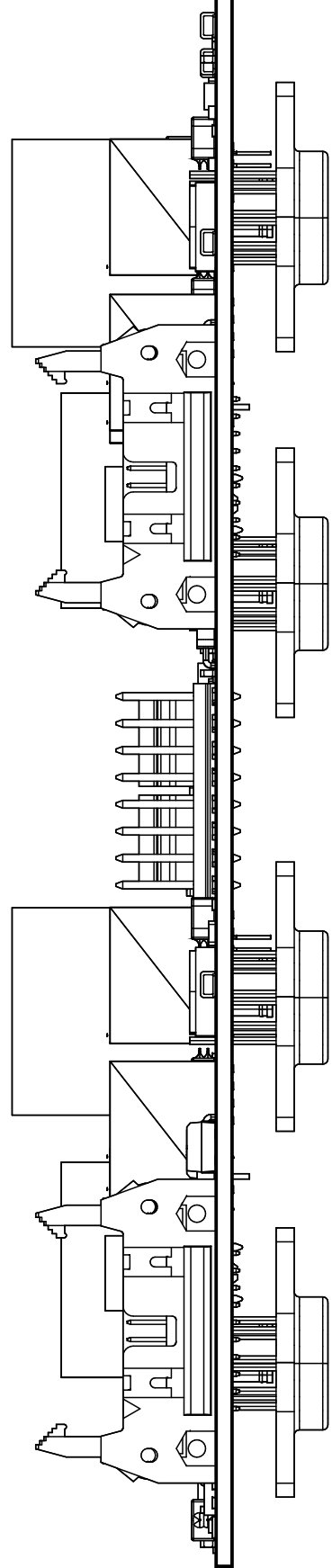


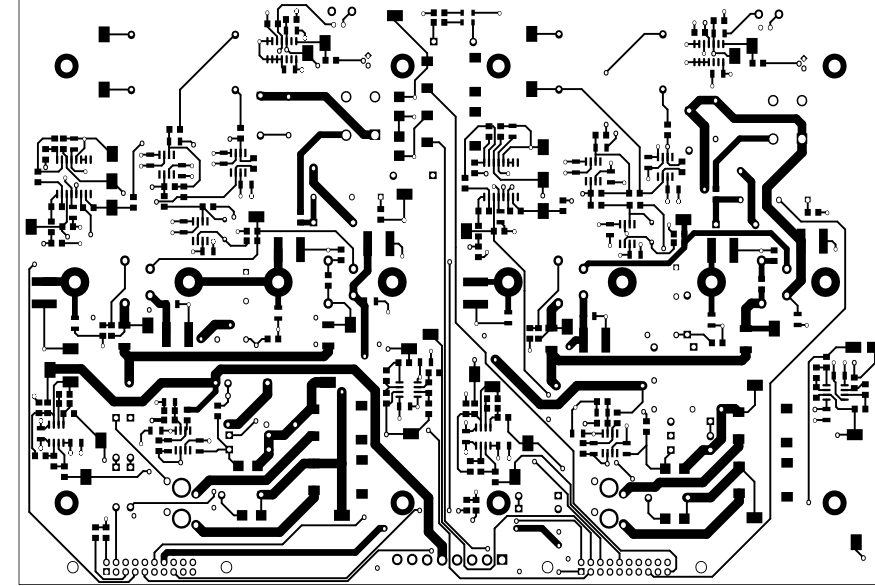
View from Top side (Scale 1:1)



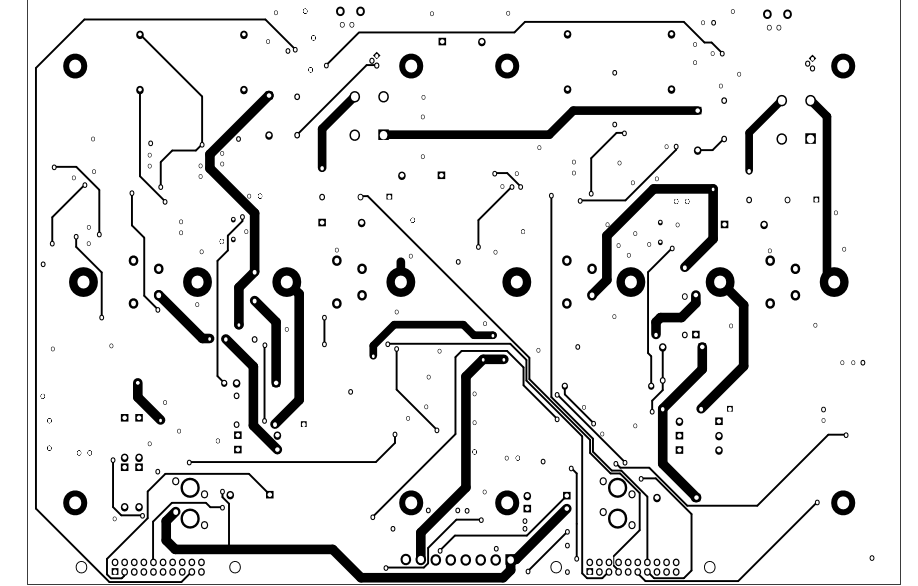
View from Right side (Scale 1:1)



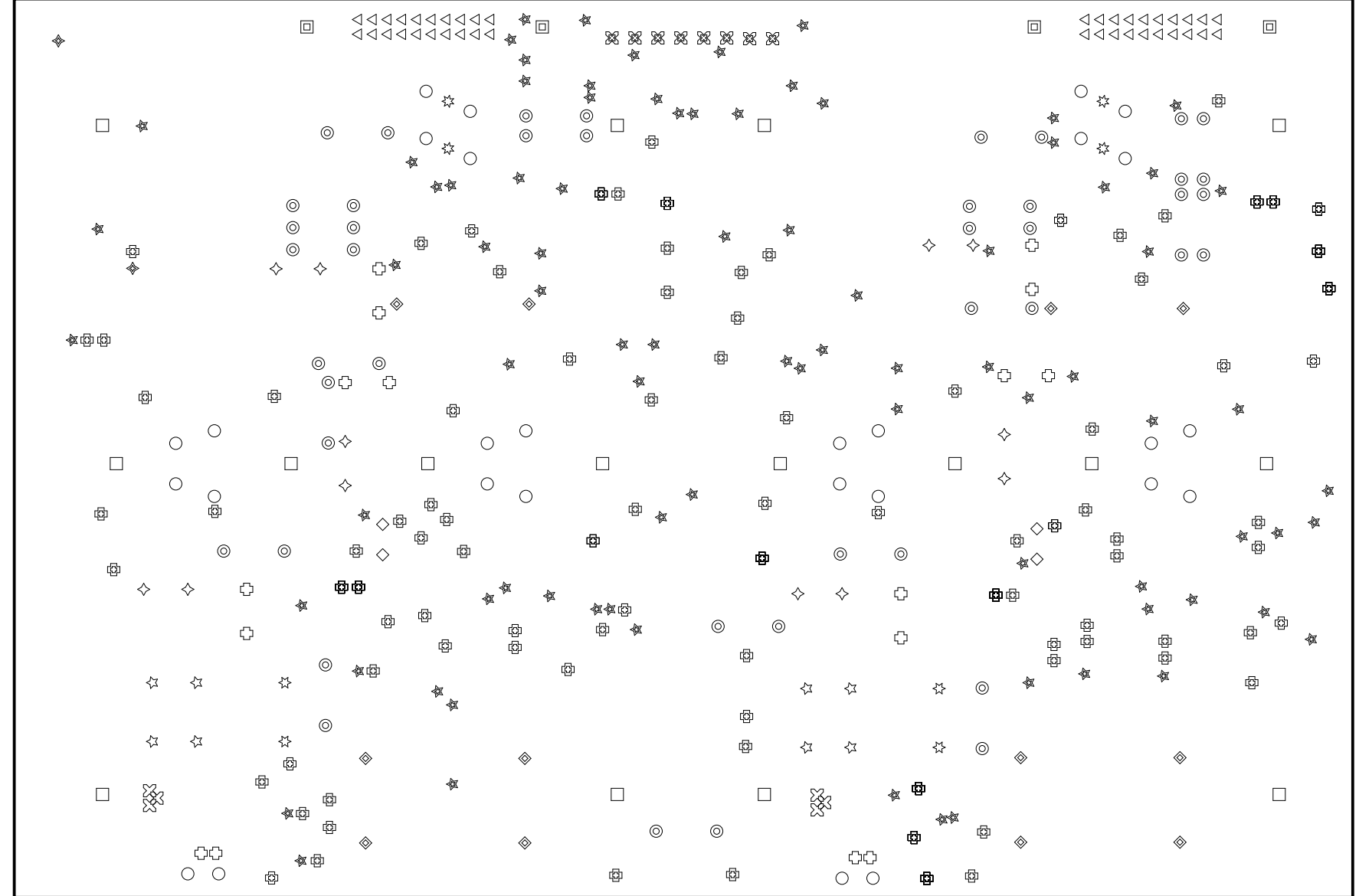
Top Layer (Scale 1:2)



Bottom Layer (Scale 1:2)



Drill Drawing View (Scale 1:1)



Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Paste			Paste Mask	GTP
	Top Overlay			Legend	GTO
	Surface Material	Top Solder	0.40mil	Solder Resist	GTS
Copper	Top Layer	1.40mil		Signal	GTL
Prepreg		9.70mil	FR-4	Dielectric	
Copper	MidLayer1	1.40mil		Signal	G1
Core		27.35mil	FR-4	Dielectric	
Copper	InternalPlane1	1.40mil		Internal Plane	GP1
Prepreg		9.70mil	FR-4	Dielectric	
Copper	InternalPlane2	1.40mil		Internal Plane	GP2
Core		27.35mil	FR-4	Dielectric	
Copper	InternalPlane3	1.40mil		Internal Plane	GP3
Prepreg		9.70mil	FR-4	Dielectric	
Copper	Bottom Layer	1.40mil		Signal	GBL
Surface Material	Bottom Solder	0.40mil	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
	Bottom Paste			Paste Mask	GBP

Total thickness: 93.00mil

Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
◇	4	27.56mil	Plated	None
☆	85	28.00mil	Plated	None
⊕	173	29.00mil	Plated	None
◆	2	30.00mil	Plated	None
⊗	6	31.50mil	Plated	None
☆	4	35.00mil	Plated	None
⊕	16	36.00mil	Plated	None
◆	12	39.37mil	Plated	None
◇	12	40.00mil	Plated	None
△	40	43.00mil	Plated	None
⊗	44	47.24mil	Plated	None
○	28	50.00mil	Plated	None
⊗	8	67.00mil	Plated	None
☆	8	79.00mil	Plated	None
⊕	4	100.00mil	Plated	None
□	16	125.00mil	Plated	None
☆	4	150.00mil	Plated	None
	466 Total			

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LIGO. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF PROPRIETARY AND CONFIDENTIAL

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	LIGO
		DIMENSIONS ARE IN INCHES	DRAWN	Dean Schaezel	8/14/2019	
		TOLERANCES:	CHECKED			TITLE
		FRACTIONAL ±	ENG APPR.			
		ANGULAR: MACH ± BEND ±	MFG APPR.			A+ LIGO - ISI Fine and Coarse Coil Driver
		TWO PLACE DECIMAL ±	Q.A.			
		THREE PLACE DECIMAL ±	COMMENTS:			SIZE DWG. NO.
		INTERPRET GEOMETRIC TOLERANCING PER:				D0901039v3
		MATERIAL				SCALE: 1:1 WEIGHT: SHEET 1 OF 1
		FINISH				
NEXT ASSY	USED ON	DO NOT SCALE DRAWING				
APPLICATION						