

NOTES :				PROJECT Alarm Clock			
				TITLE Final assembly			
				PART # --	DOCUMENT # CLK-DWG-25	UNITS INCHES (MM)	SIZE B
				MATERIAL --		FINISH --	
DATE 26/12/2013		APVD BY :		SCALE 3:4		SHEET 1 OF 6	

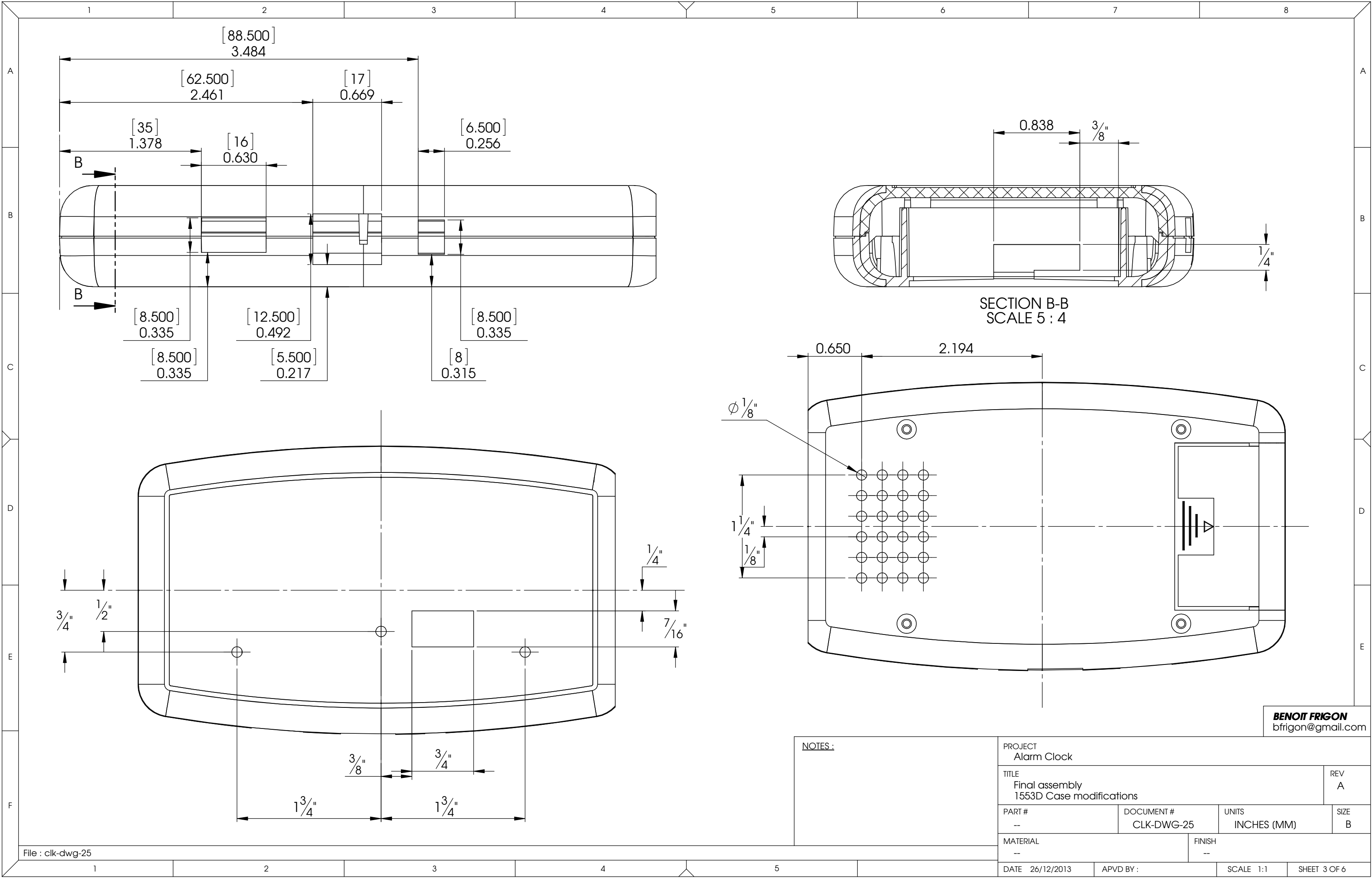
1		2		3		4		5		6		7		8	
ITEM NO.		PART NUMBER		DESCRIPTION		QTY.									
1		1553DBKBAT		ABS Box 5.80X3.50X0.98" Black (End panel)		1									
2		1553DBKBAT		ABS Box 5.80X3.50X0.98" Black (Bottom panel)		1									
3		PH-C-0440-0019		Phillips Panhead Screw - #4-40 x 3-16"		6									
4		AS04008CO-2-R		Speaker 8 ohm 1.5W		1									
5		CLK-AS-04		Left panel PCB assembly		1									
6		CLK-AS-05		Controller PCB Assembly		1									

NOTES :

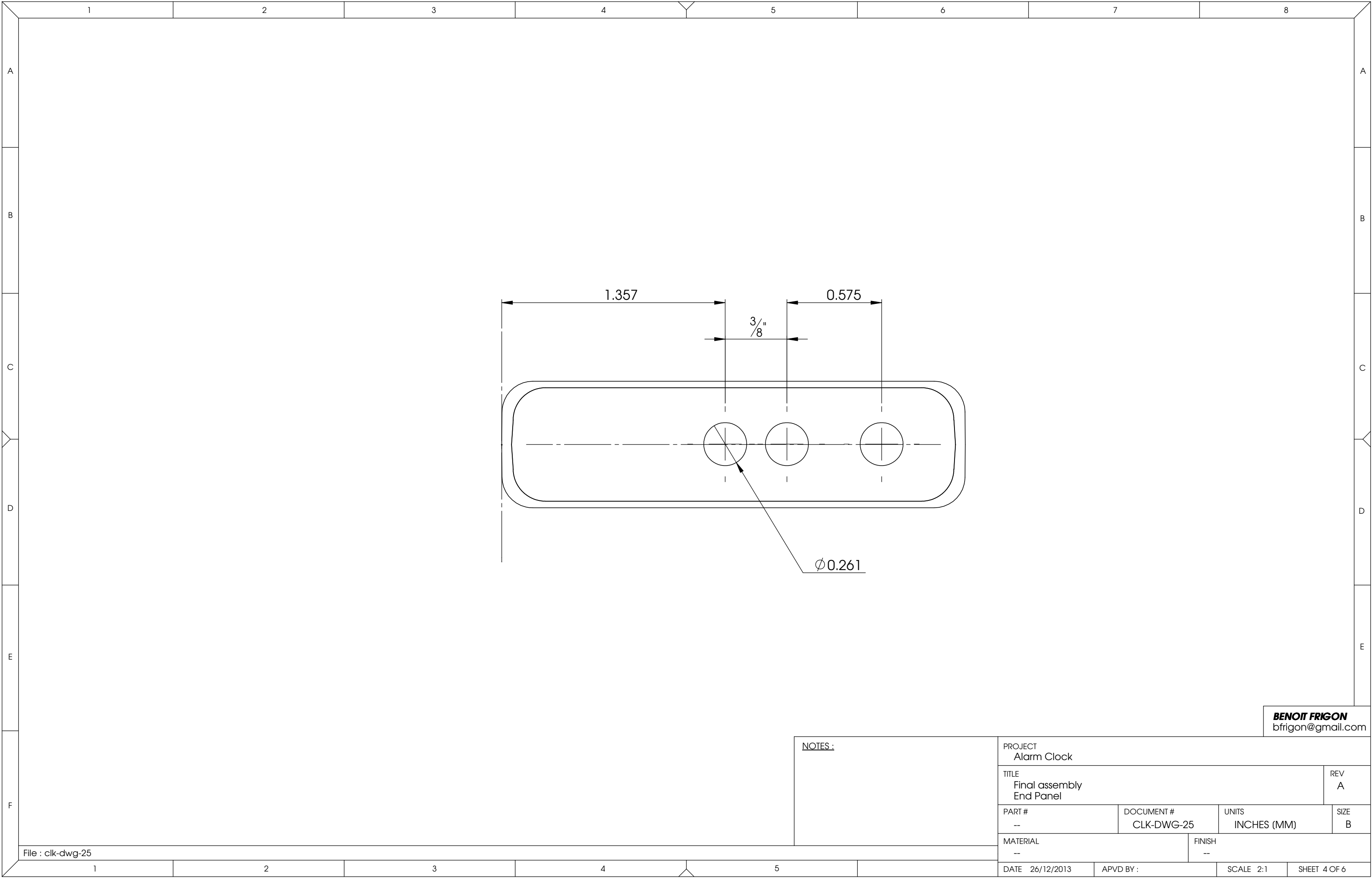
PROJECT Alarm Clock	
TITLE Final assembly Controller PCB / Left panel PCB	
PART # --	DOCUMENT # CLK-DWG-25
MATERIAL --	FINISH --
DATE 26/12/2013	APVD BY :

UNITS INCHES (MM)	SIZE B
SCALE 1:1	SHEET 2 OF 6

File : clk-dwg-25

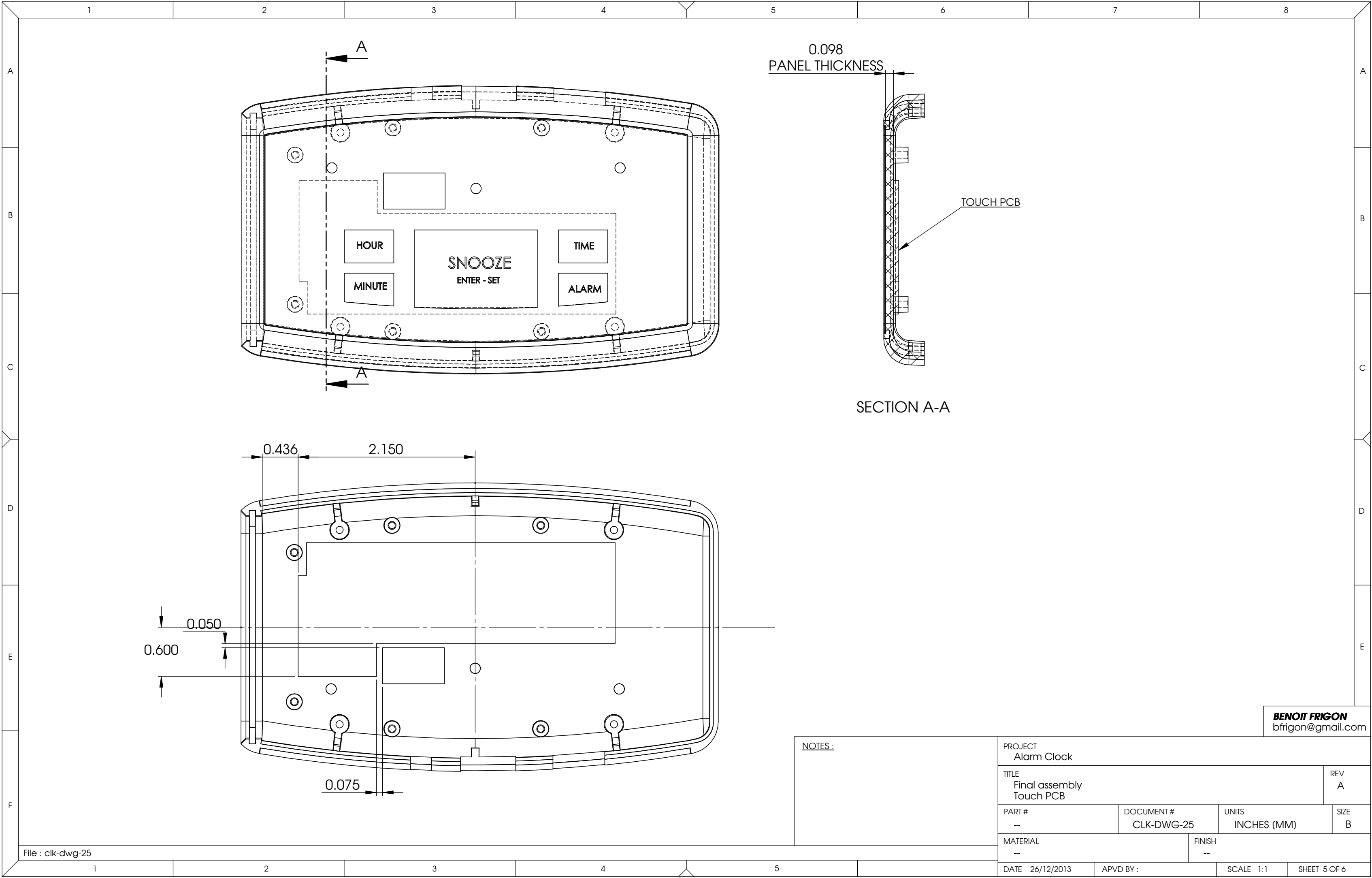


NOTES :	PROJECT Alarm Clock			
	TITLE Final assembly 1553D Case modifications			REV A
	PART # --	DOCUMENT # CLK-DWG-25	UNITS INCHES (MM)	SIZE B
	MATERIAL --		FINISH --	
DATE 26/12/2013		APVD BY :		SCALE 1:1
				SHEET 3 OF 6

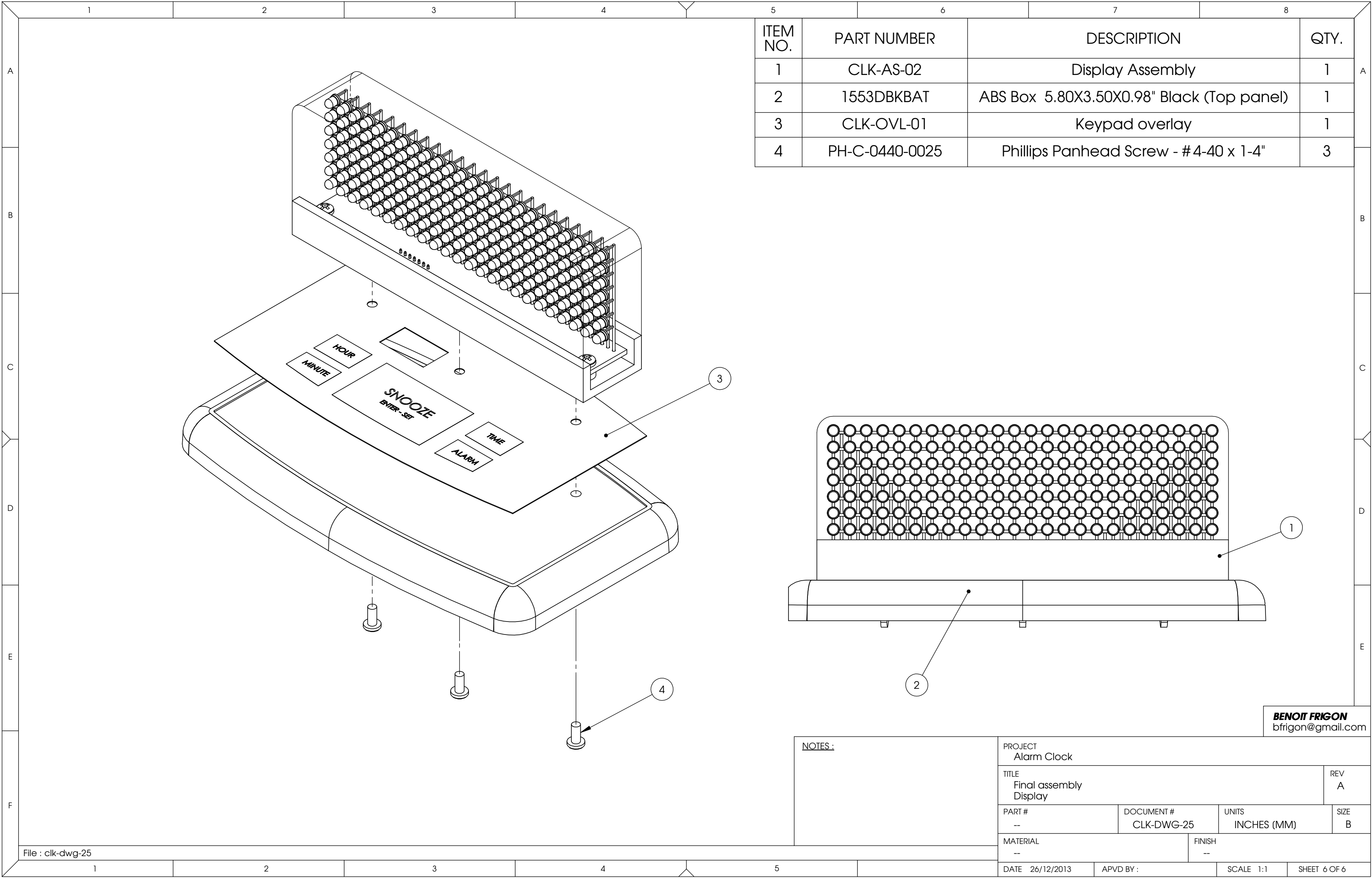


BENOIT FRIGON
bfrigon@gmail.com

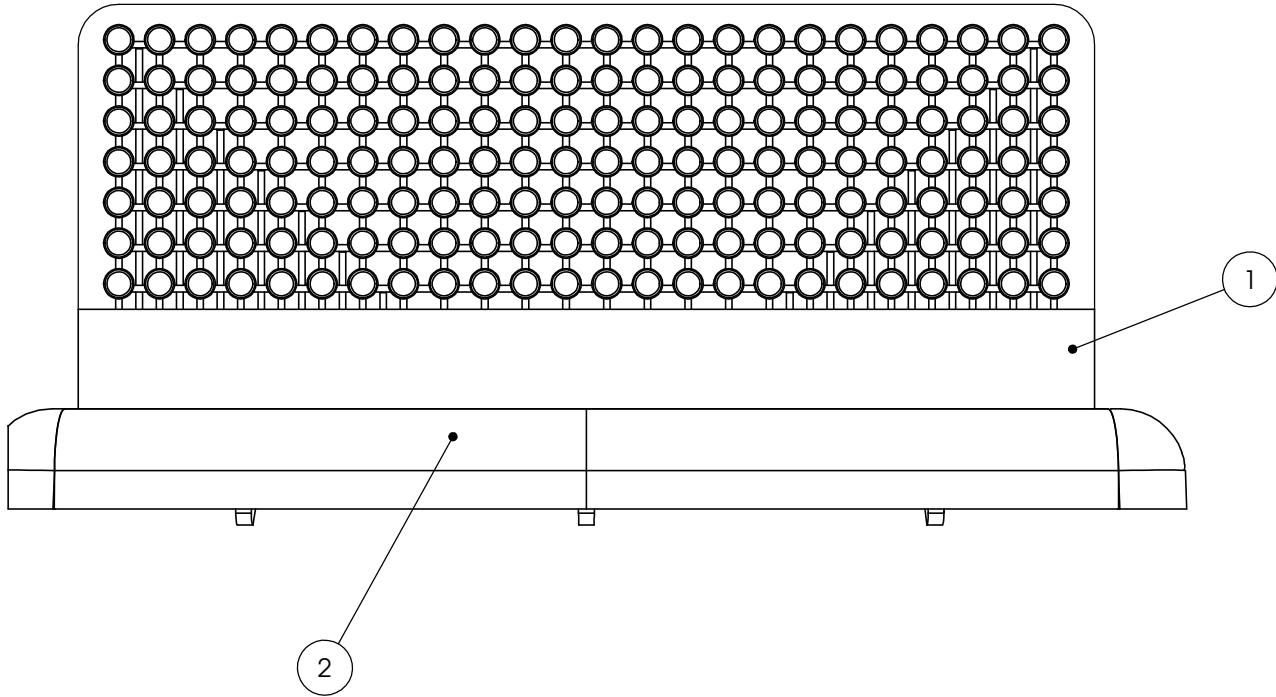
NOTES :



NOTES :	PROJECT Alarm Clock			
	TITLE Final assembly Touch PCB			REV A
	PART # --	DOCUMENT # CLK-DWG-25	UNITS INCHES (MM)	SIZE B
	MATERIAL --		FINISH --	
	DATE 26/12/2013	APVD BY :	SCALE 1:1	SHEET 5 OF 6

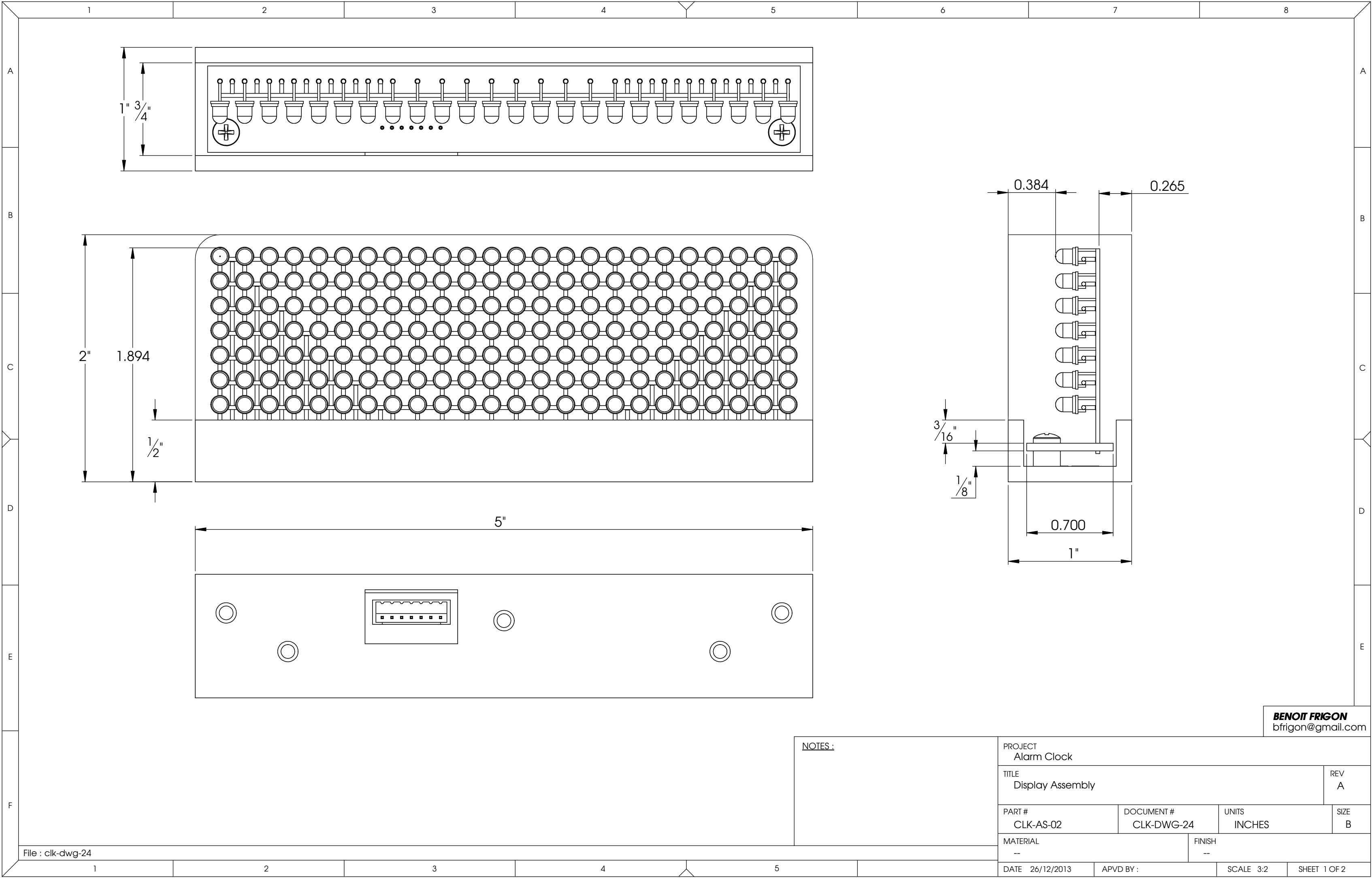


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CLK-AS-02	Display Assembly	1
2	1553DBKBAT	ABS Box 5.80X3.50X0.98" Black (Top panel)	1
3	CLK-OVL-01	Keypad overlay	1
4	PH-C-0440-0025	Phillips Panhead Screw - #4-40 x 1-4"	3



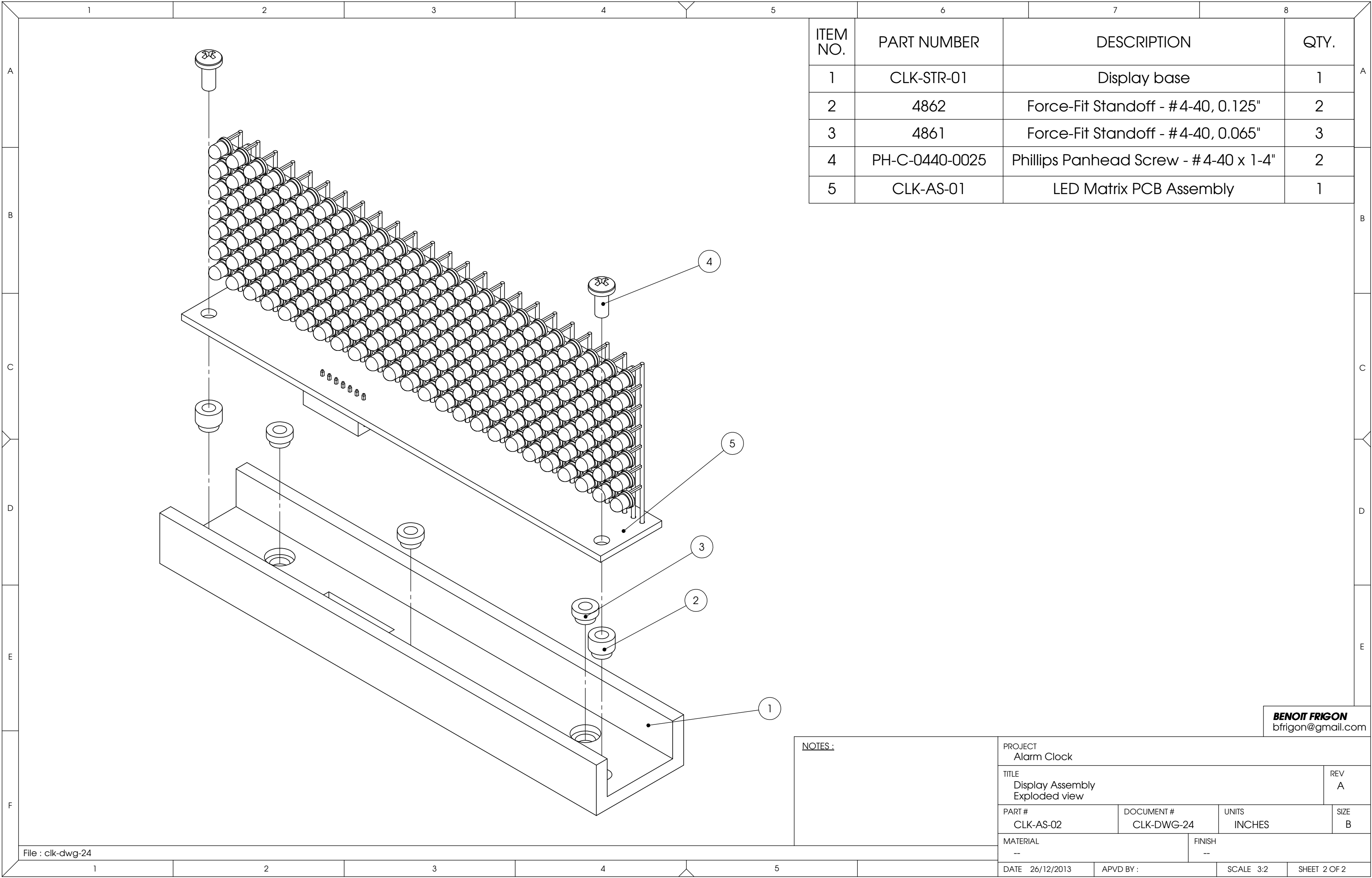
BENOIT FRIGON
bfrigon@gmail.com

NOTES :	PROJECT Alarm Clock			
	TITLE Final assembly Display			REV A
	PART # --	DOCUMENT # CLK-DWG-25	UNITS INCHES (MM)	SIZE B
	MATERIAL --		FINISH --	
	DATE 26/12/2013	APVD BY :	SCALE 1:1	SHEET 6 OF 6



BENOIT FRIGON
bfrigon@gmail.com

NOTES :	PROJECT Alarm Clock			
	TITLE Display Assembly			REV A
	PART # CLK-AS-02	DOCUMENT # CLK-DWG-24	UNITS INCHES	SIZE B
	MATERIAL --		FINISH --	
DATE 26/12/2013		APVD BY :		SCALE 3:2
				SHEET 1 OF 2

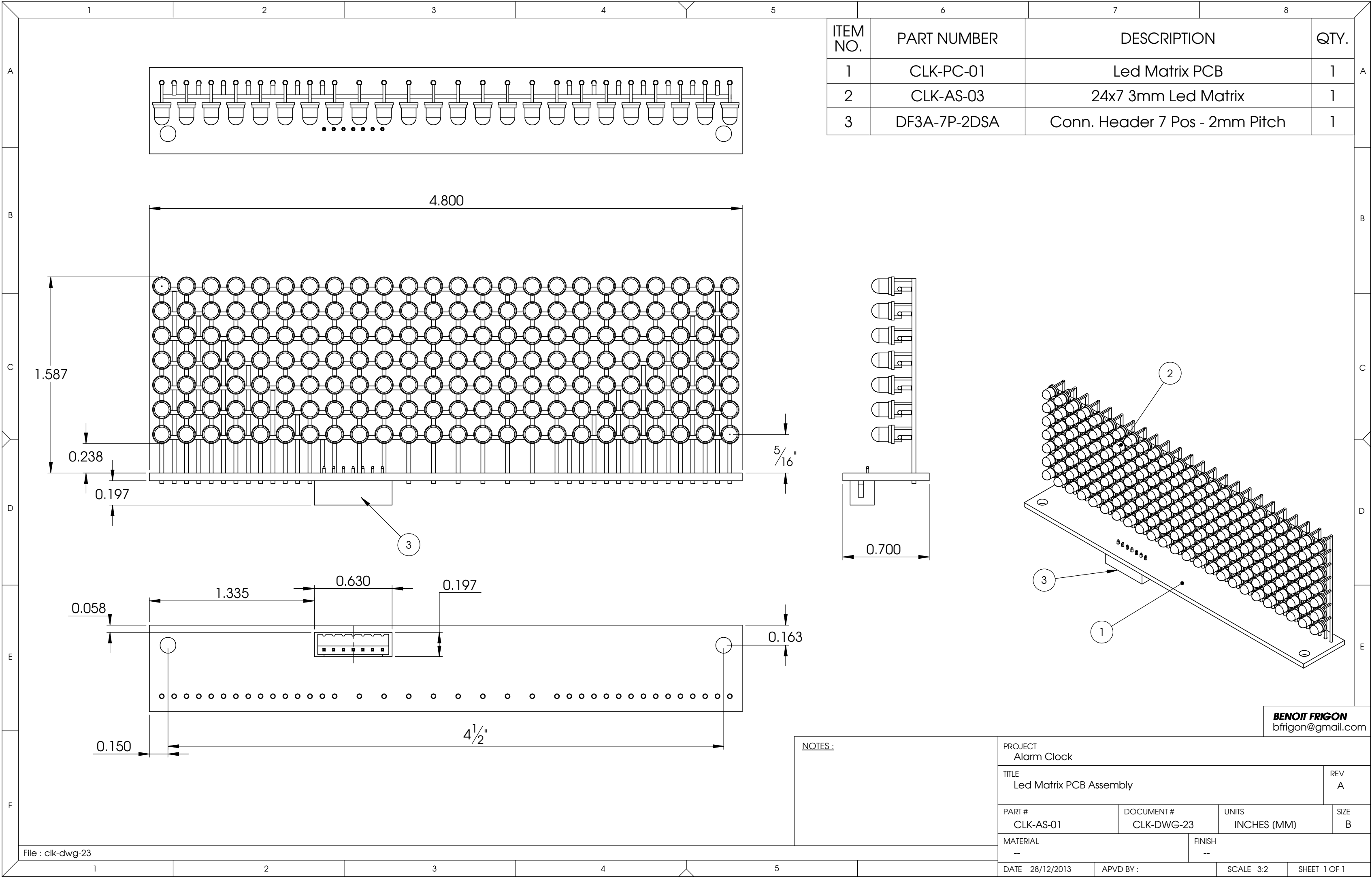


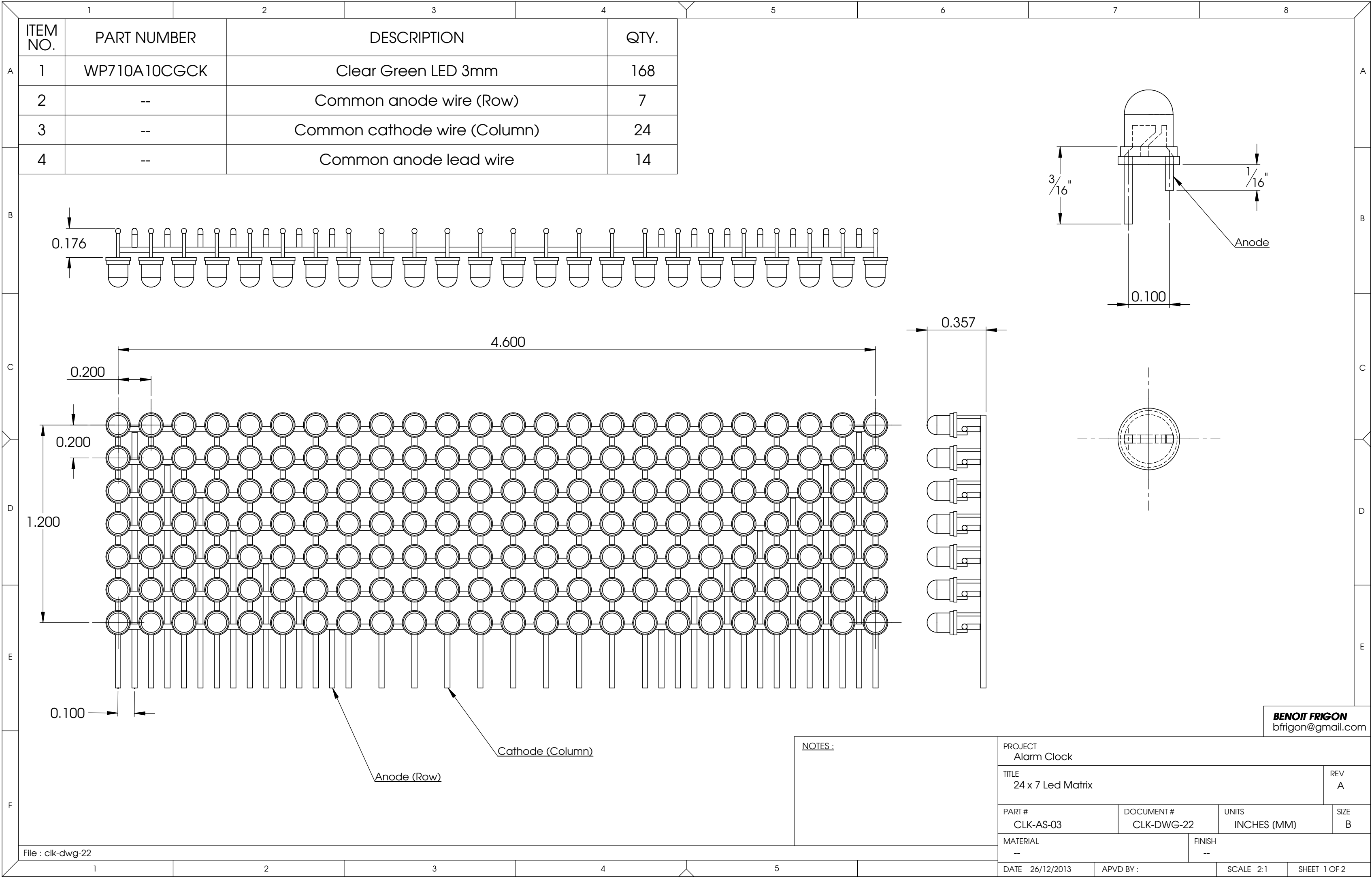
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CLK-STR-01	Display base	1
2	4862	Force-Fit Standoff - # 4-40, 0.125"	2
3	4861	Force-Fit Standoff - # 4-40, 0.065"	3
4	PH-C-0440-0025	Phillips Panhead Screw - # 4-40 x 1-4"	2
5	CLK-AS-01	LED Matrix PCB Assembly	1

BENOIT FRIGON
bfrigon@gmail.com

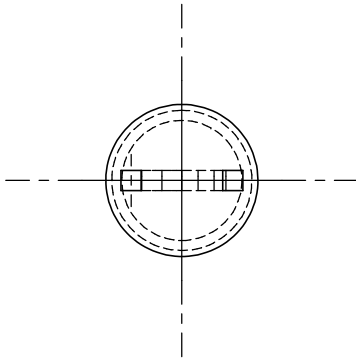
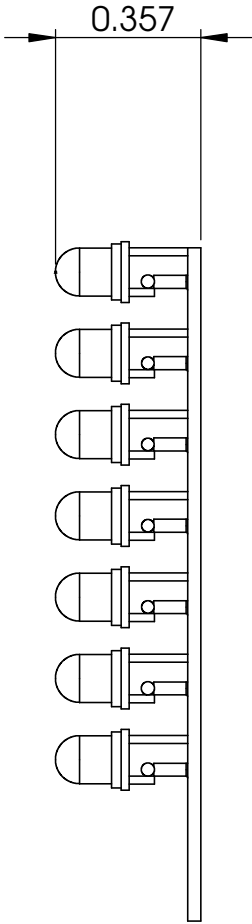
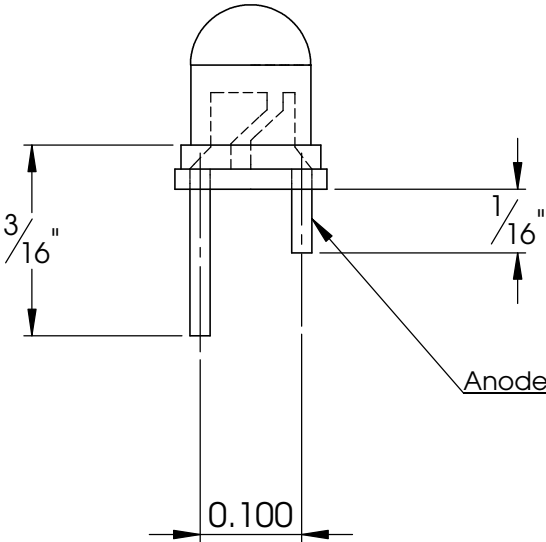
NOTES :

PROJECT Alarm Clock			
TITLE Display Assembly Exploded view			REV A
PART # CLK-AS-02	DOCUMENT # CLK-DWG-24	UNITS INCHES	SIZE B
MATERIAL --		FINISH --	
DATE 26/12/2013	APVD BY :	SCALE 3:2	SHEET 2 OF 2

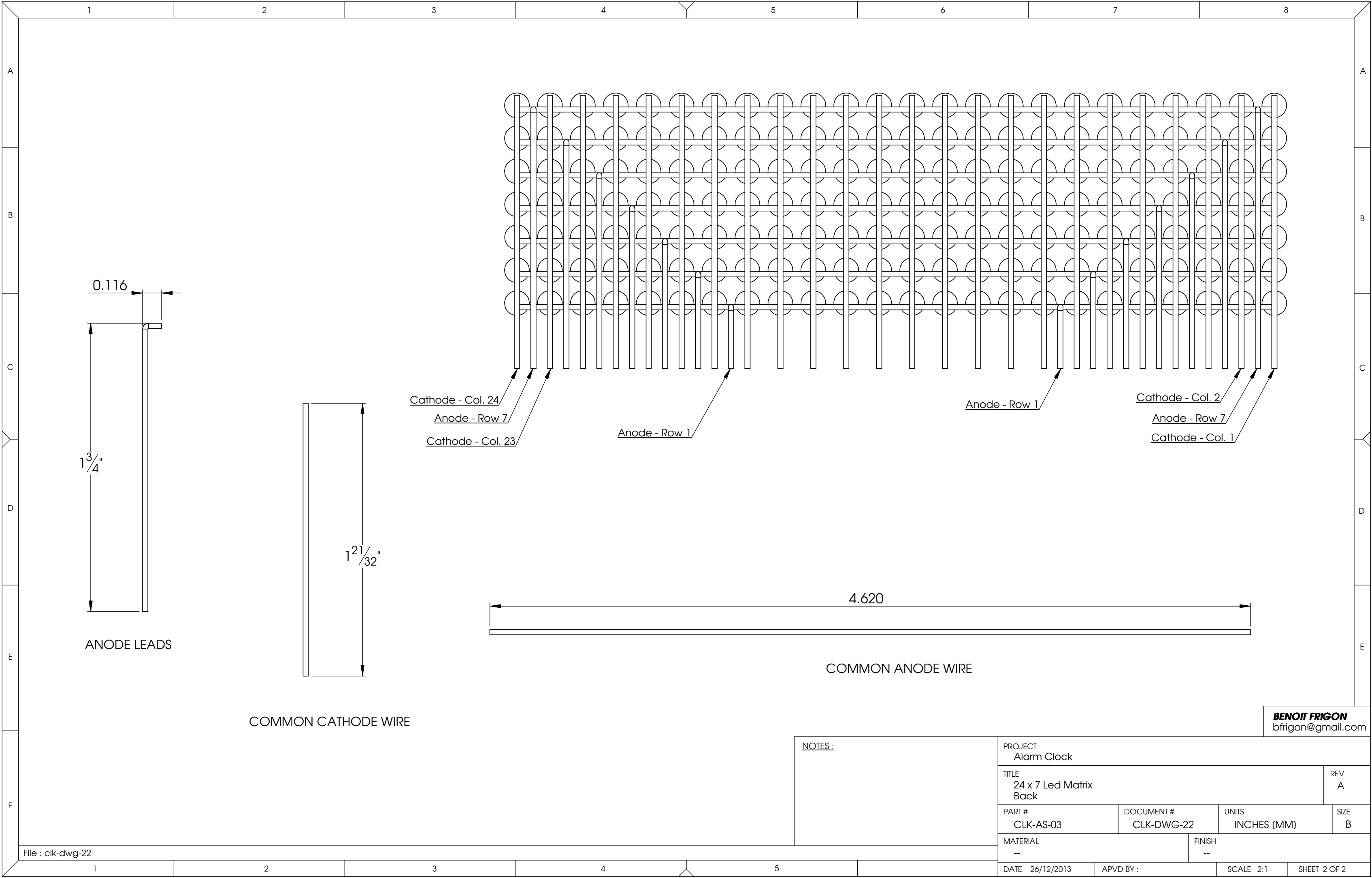




ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	WP710A10CGCK	Clear Green LED 3mm	168
2	--	Common anode wire (Row)	7
3	--	Common cathode wire (Column)	24
4	--	Common anode lead wire	14

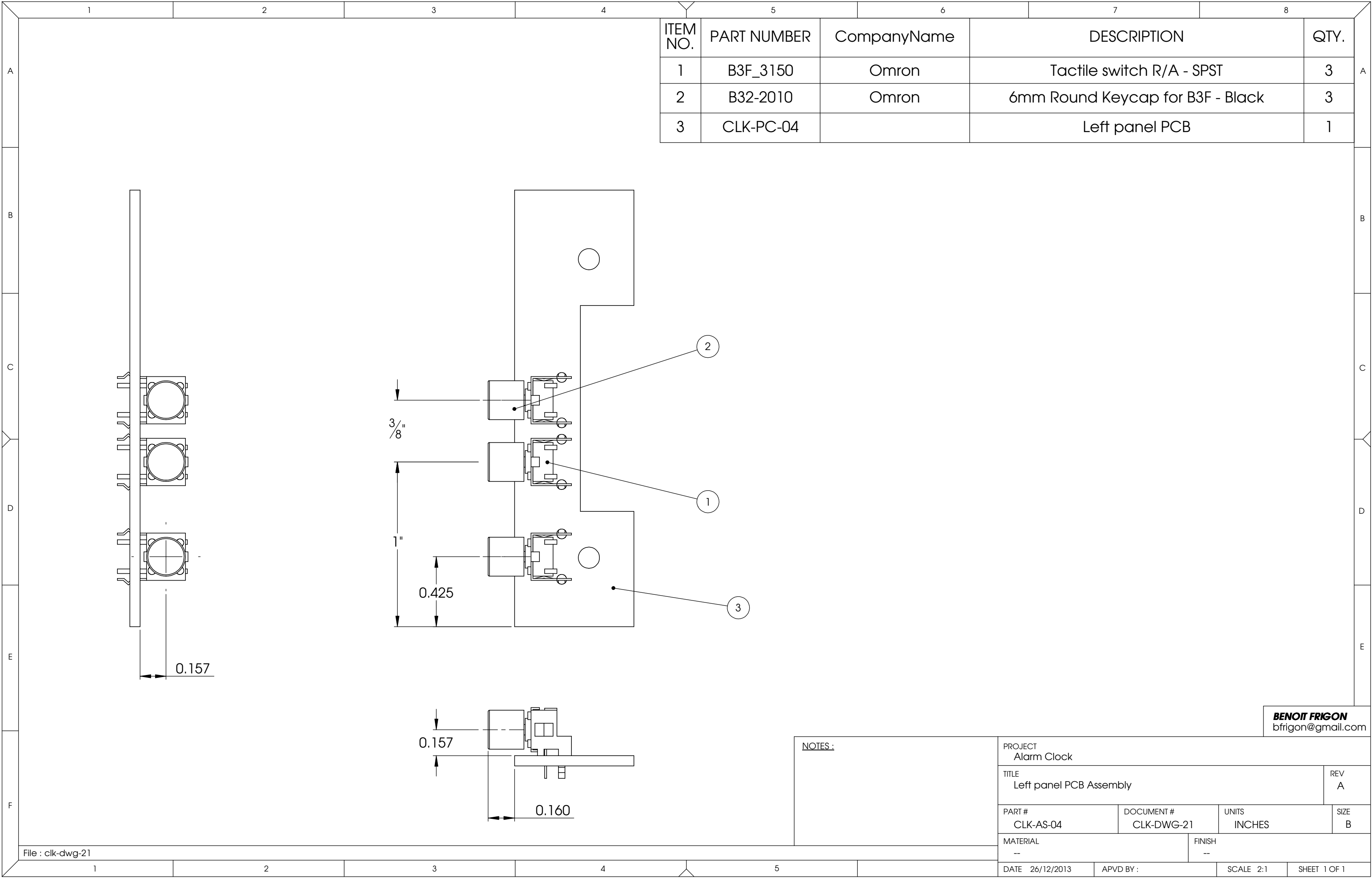


NOTES :	PROJECT Alarm Clock			
	TITLE 24 x 7 Led Matrix			REV A
	PART # CLK-AS-03	DOCUMENT # CLK-DWG-22	UNITS INCHES (MM)	SIZE B
	MATERIAL --		FINISH --	
DATE 26/12/2013		APVD BY :		SCALE 2:1
				SHEET 1 OF 2



NOTES :

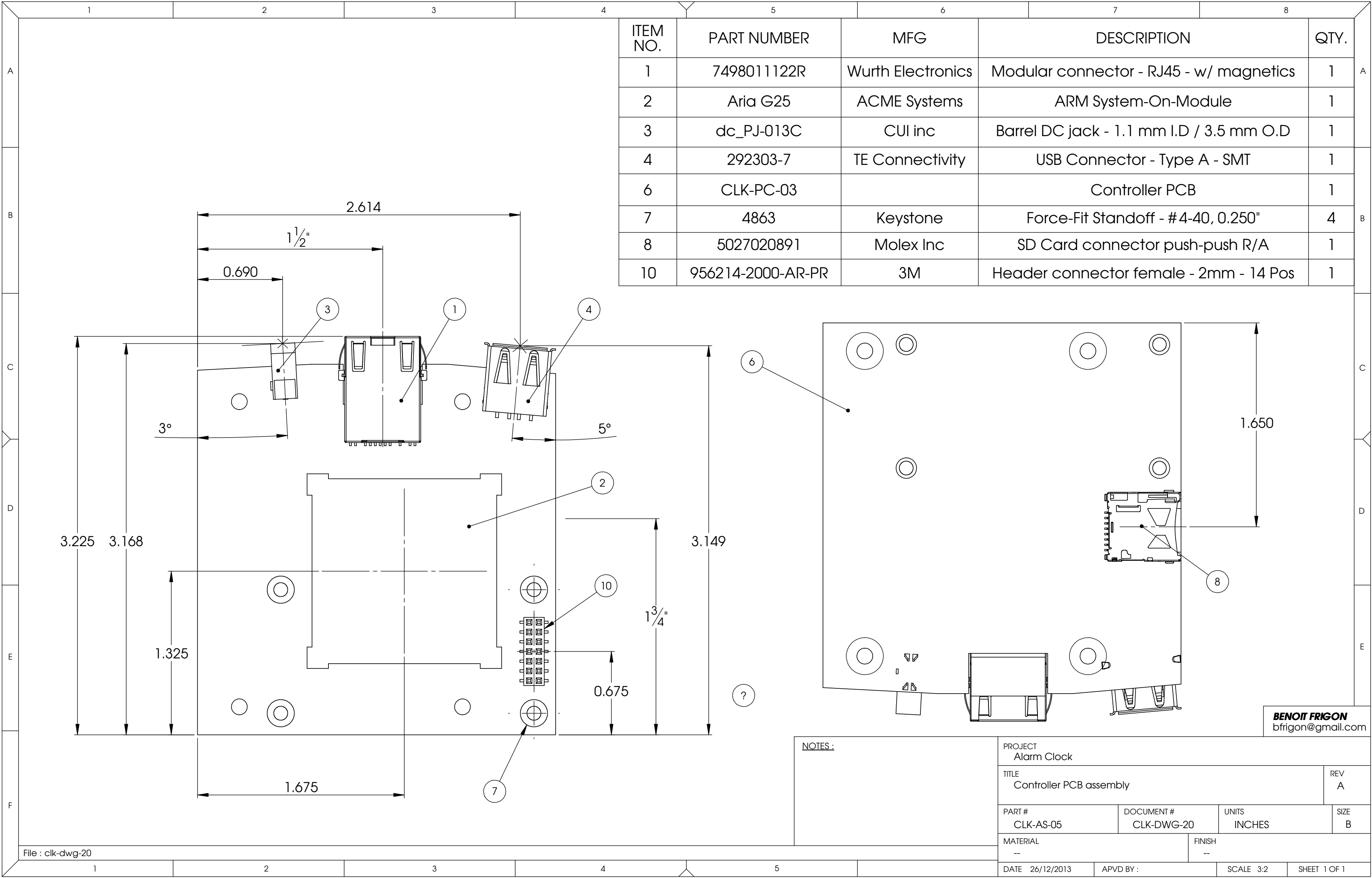
PROJECT Alarm Clock			
TITLE 24 x 7 Led Matrix Back			REV A
PART # CLK-AS-03	DOCUMENT # CLK-DWG-22	UNITS INCHES (MM)	SIZE B
MATERIAL --		FINISH --	
DATE 26/12/2013	APVD BY :	SCALE 2:1	SHEET 2 OF 2



BENOIT FRIGON
bfrigon@gmail.com

NOTES :

PROJECT Alarm Clock			
TITLE Left panel PCB Assembly			REV A
PART # CLK-AS-04	DOCUMENT # CLK-DWG-21	UNITS INCHES	SIZE B
MATERIAL --		FINISH --	
DATE 26/12/2013	APVD BY :	SCALE 2:1	SHEET 1 OF 1

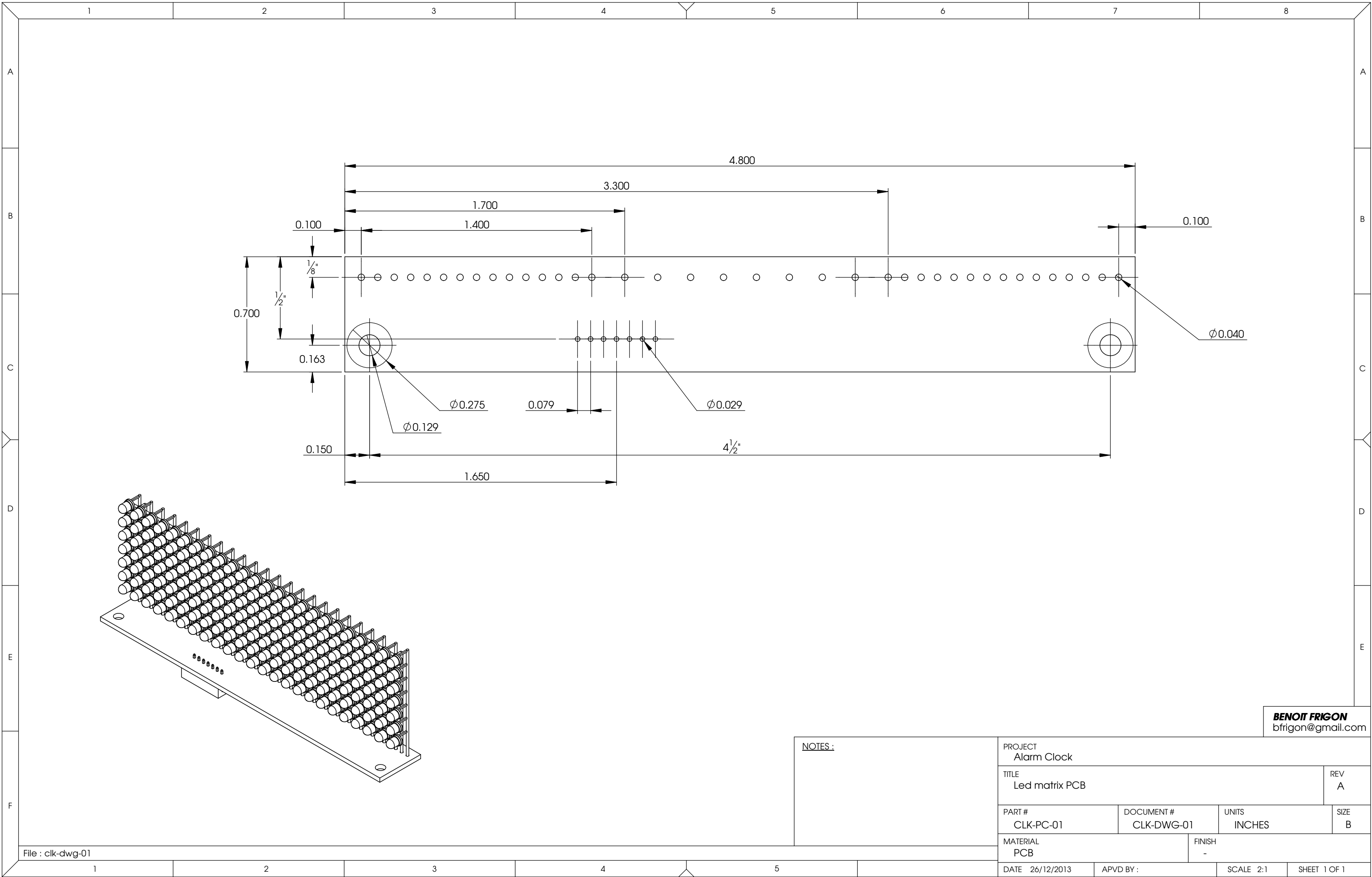


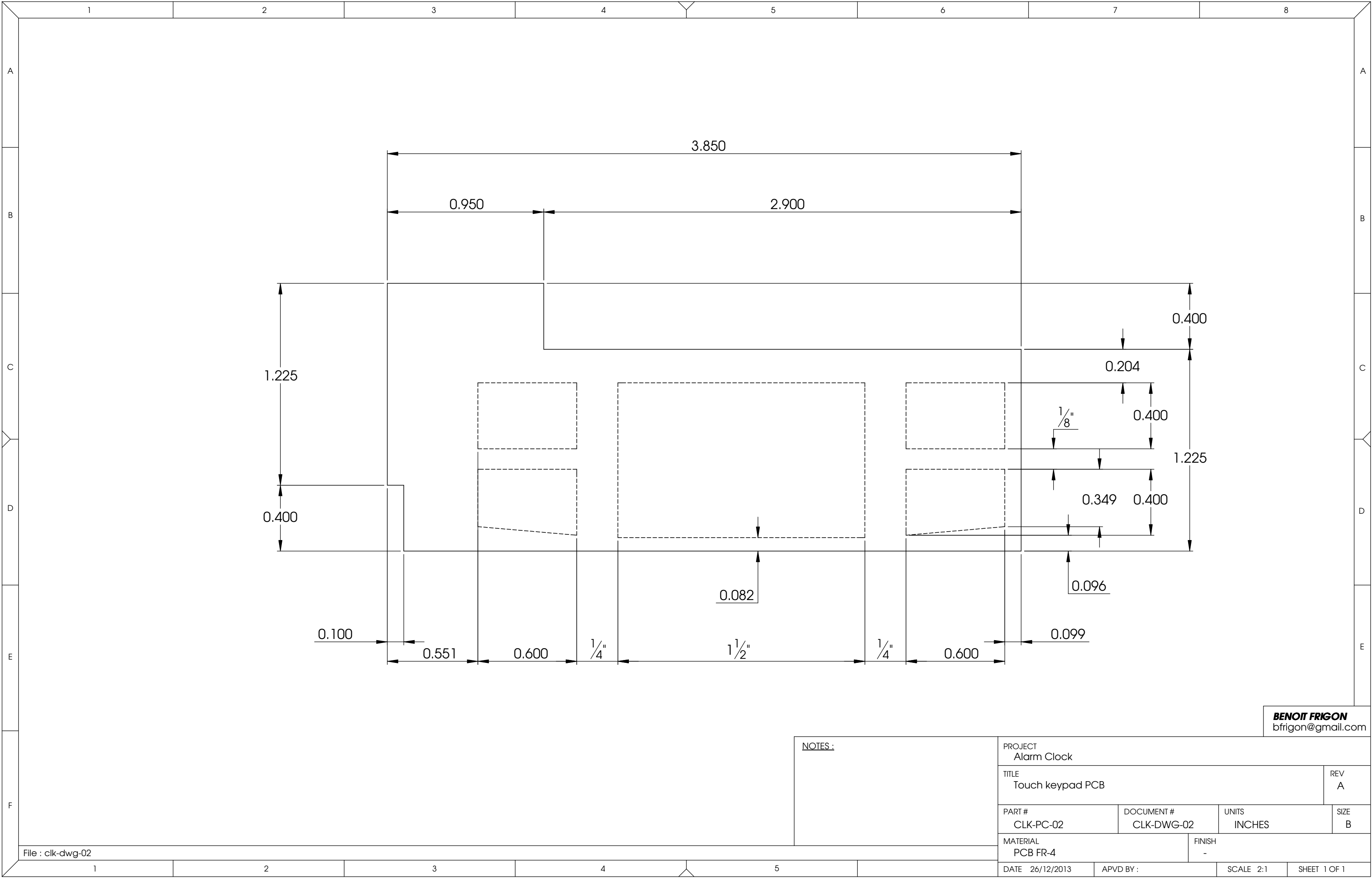
ITEM NO.	PART NUMBER	MFG	DESCRIPTION	QTY.
1	7498011122R	Würth Electronics	Modular connector - RJ45 - w/ magnetics	1
2	Aria G25	ACME Systems	ARM System-On-Module	1
3	dc_PJ-013C	CUI inc	Barrel DC jack - 1.1 mm I.D / 3.5 mm O.D	1
4	292303-7	TE Connectivity	USB Connector - Type A - SMT	1
6	CLK-PC-03		Controller PCB	1
7	4863	Keystone	Force-Fit Standoff - #4-40, 0.250"	4
8	5027020891	Molex Inc	SD Card connector push-push R/A	1
10	956214-2000-AR-PR	3M	Header connector female - 2mm - 14 Pos	1

BENOIT FRIGON
bfrigon@gmail.com

NOTES :

PROJECT Alarm Clock			
TITLE Controller PCB assembly			REV A
PART # CLK-AS-05	DOCUMENT # CLK-DWG-20	UNITS INCHES	SIZE B
MATERIAL ---		FINISH ---	
DATE 26/12/2013	APVD BY :	SCALE 3:2	SHEET 1 OF 1

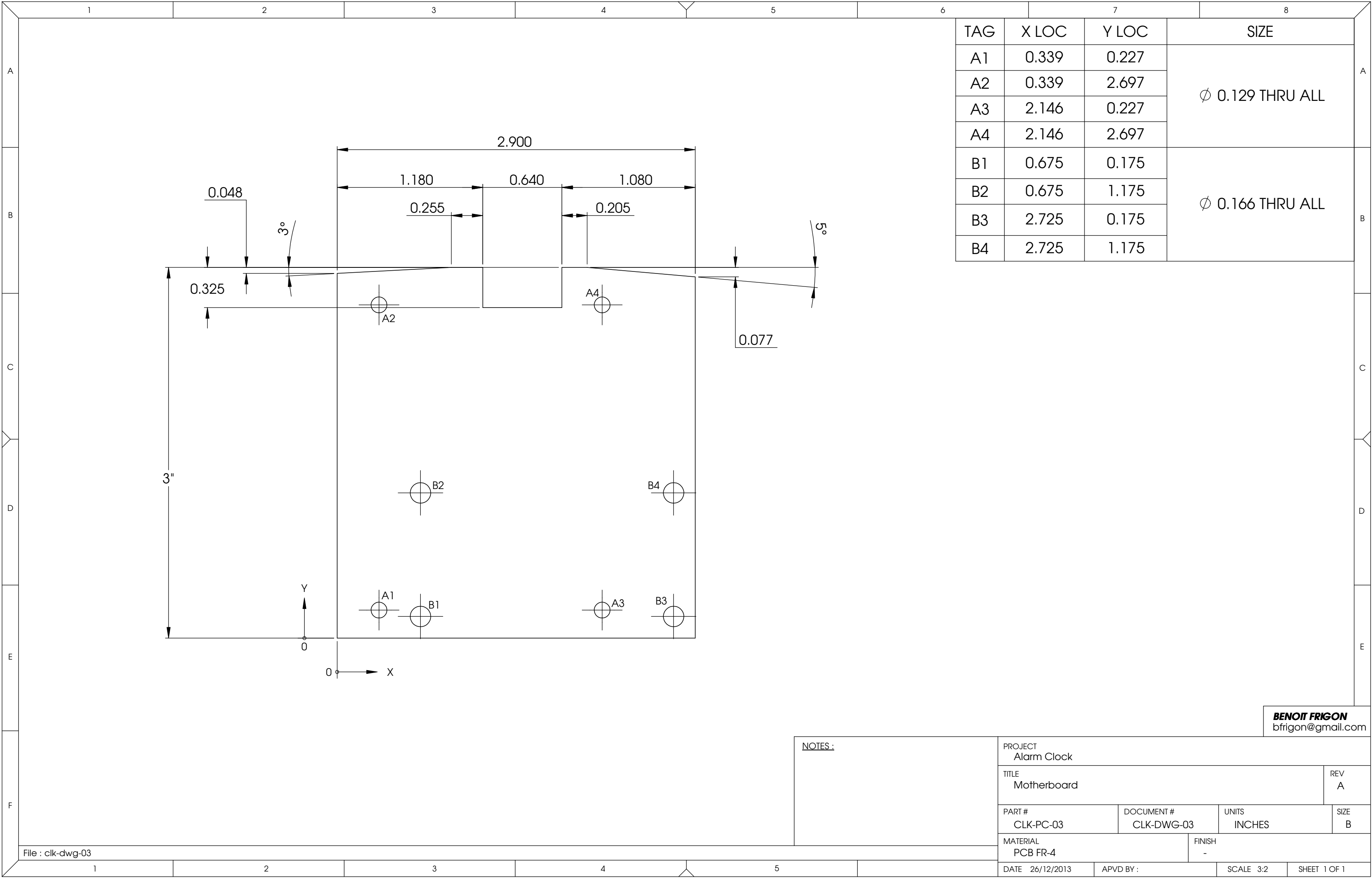




BENOIT FRIGON
bfrigon@gmail.com

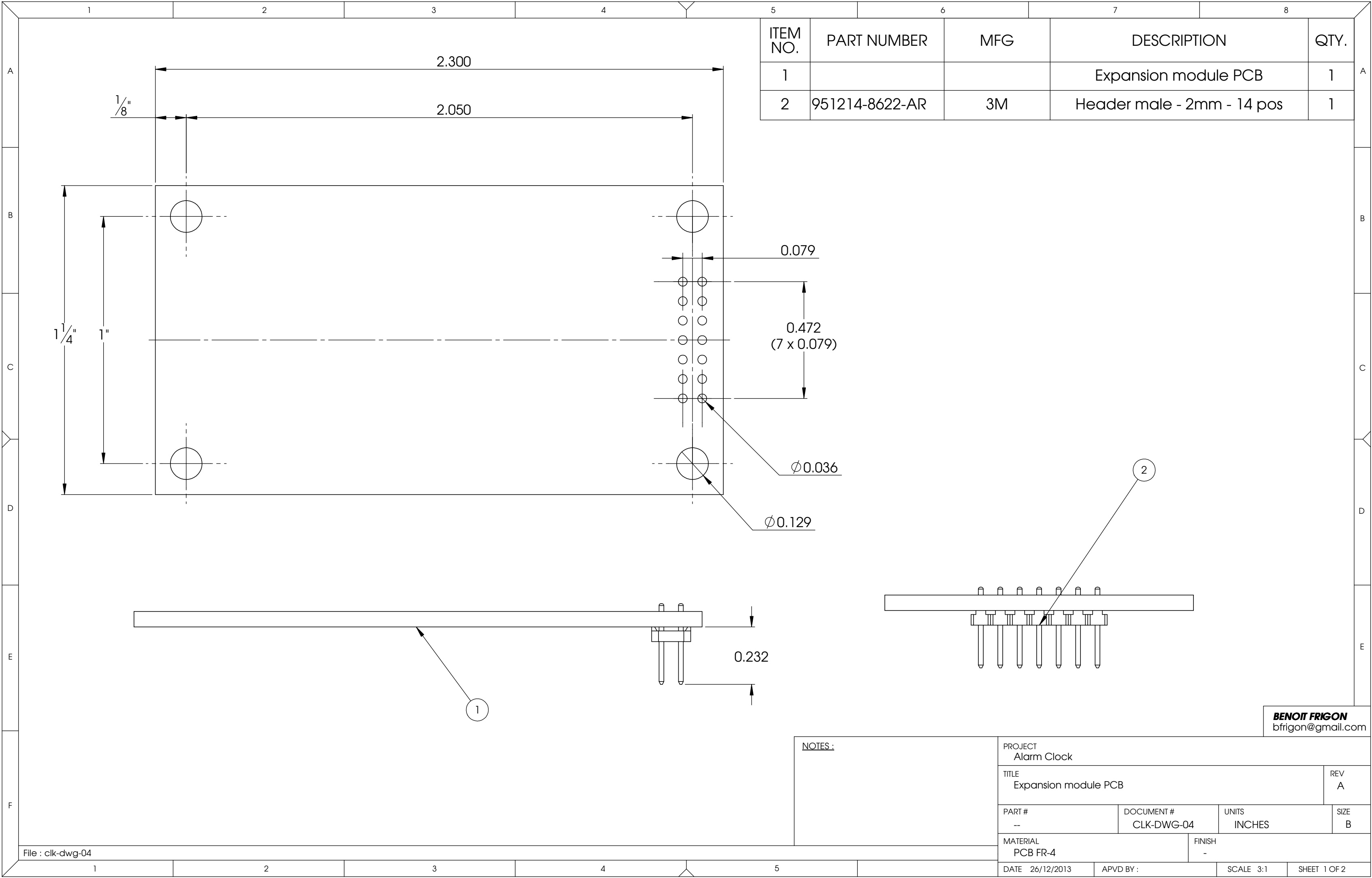
NOTES :

PROJECT Alarm Clock			
TITLE Touch keypad PCB			REV A
PART # CLK-PC-02	DOCUMENT # CLK-DWG-02	UNITS INCHES	SIZE B
MATERIAL PCB FR-4		FINISH -	
DATE 26/12/2013	APVD BY :	SCALE 2:1	SHEET 1 OF 1

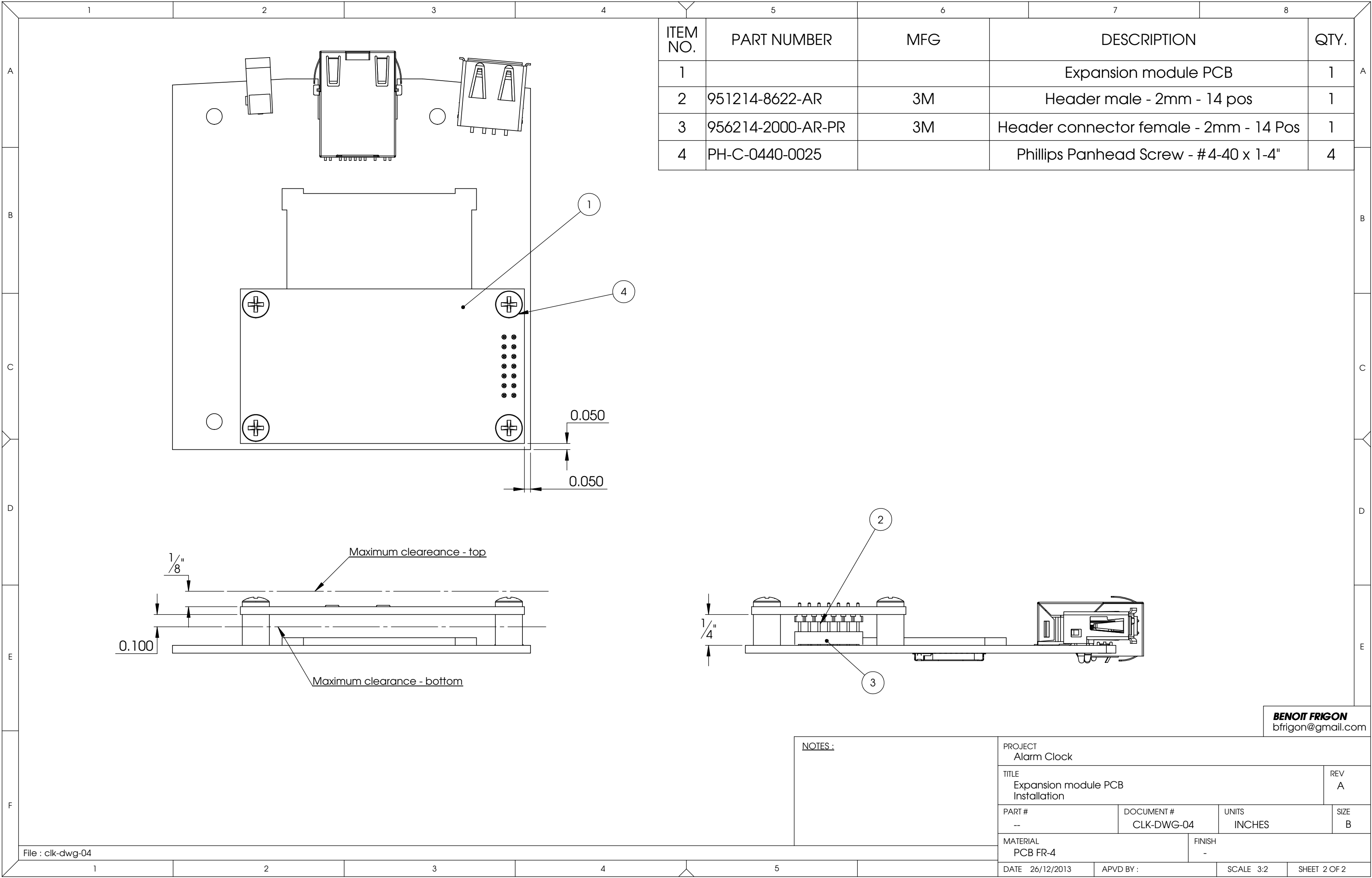


BENOIT FRIGON
bfrigon@gmail.com

NOTES :		PROJECT Alarm Clock							
		TITLE Motherboard					REV A		
		PART # CLK-PC-03		DOCUMENT # CLK-DWG-03		UNITS INCHES		SIZE B	
		MATERIAL PCB FR-4				FINISH -			
		DATE 26/12/2013		APVD BY :		SCALE 3/2		SHEET 1 OF 1	



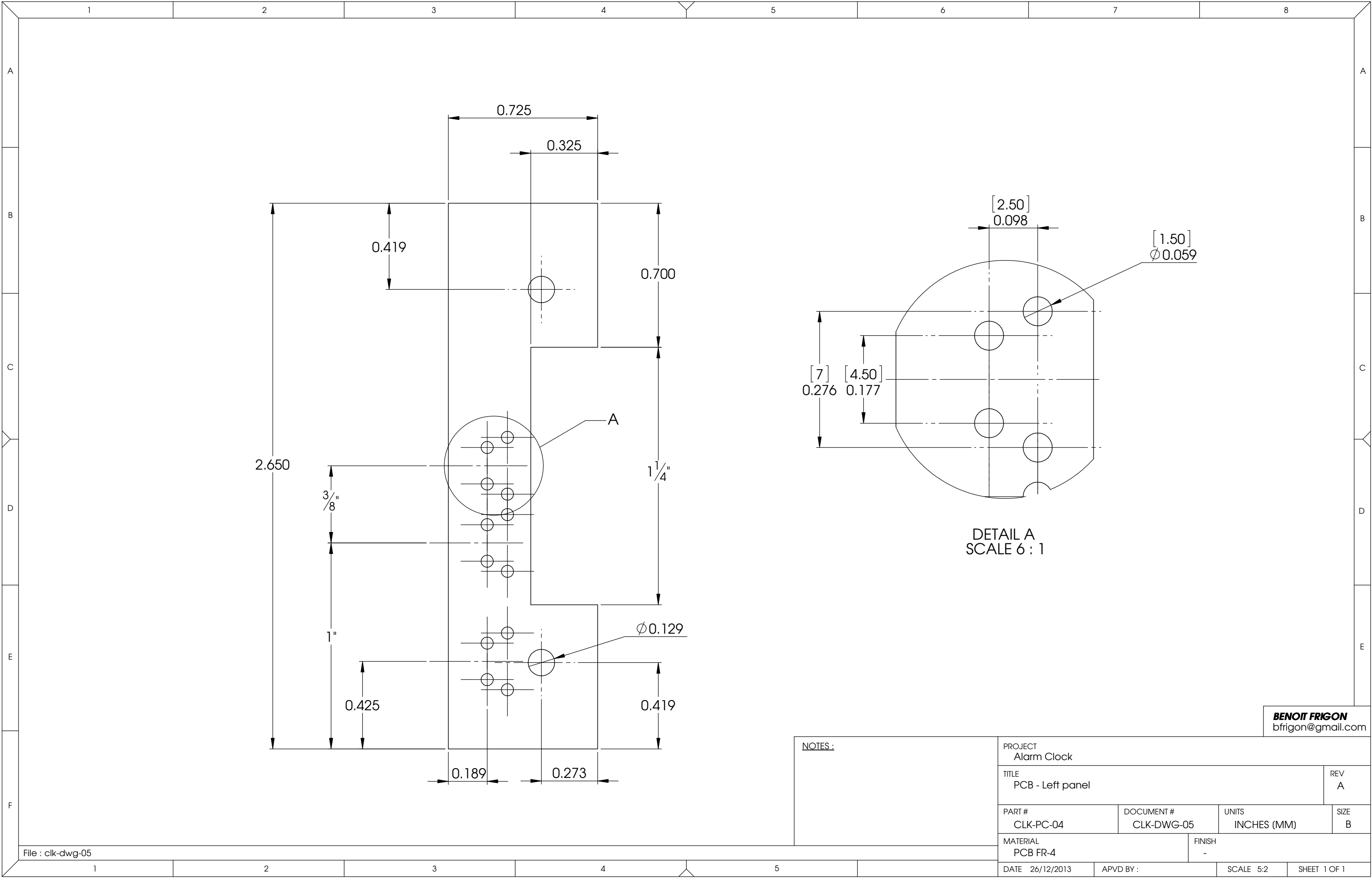
BENOIT FRIGON
bfrigon@gmail.com

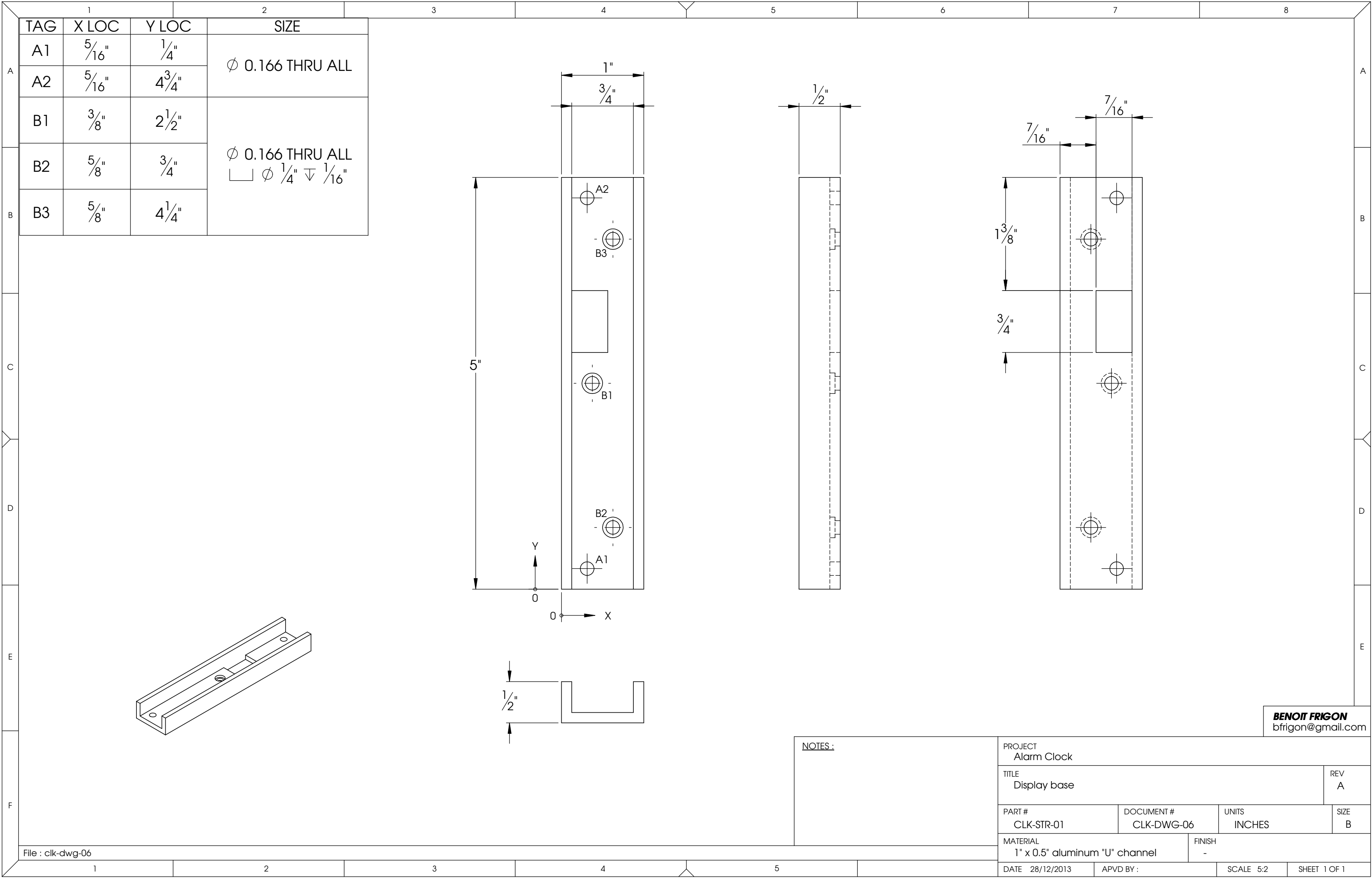


ITEM NO.	PART NUMBER	MFG	DESCRIPTION	QTY.
1			Expansion module PCB	1
2	951214-8622-AR	3M	Header male - 2mm - 14 pos	1
3	956214-2000-AR-PR	3M	Header connector female - 2mm - 14 Pos	1
4	PH-C-0440-0025		Phillips Panhead Screw - #4-40 x 1-4"	4

BENOIT FRIGON
bfrigon@gmail.com

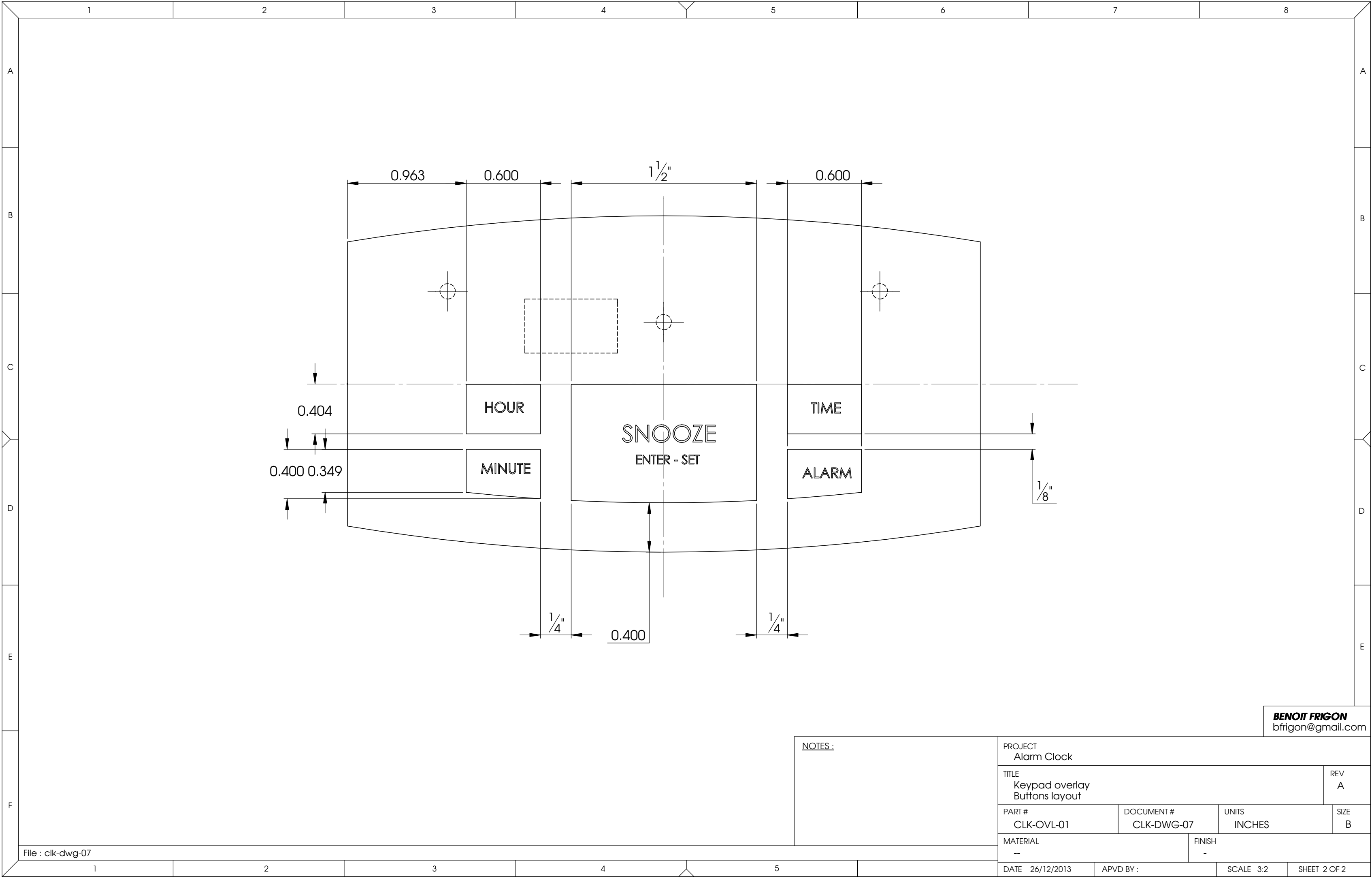
NOTES:	PROJECT Alarm Clock			
	TITLE Expansion module PCB Installation			REV A
	PART # --	DOCUMENT # CLK-DWG-04	UNITS INCHES	SIZE B
	MATERIAL PCB FR-4		FINISH -	
DATE 26/12/2013		APVD BY:		SCALE 3:2
				SHEET 2 OF 2







SHEET 1 OF 2



BENOIT FRIGON
bfrigon@gmail.com

NOTES :	PROJECT Alarm Clock			
	TITLE Keypad overlay Buttons layout			REV A
	PART # CLK-OVL-01	DOCUMENT # CLK-DWG-07	UNITS INCHES	SIZE B
	MATERIAL --		FINISH -	
	DATE 26/12/2013	APVD BY :		SCALE 3:2 SHEET 2 OF 2