

100% Consumption

2W + 4.23 (2W) (controller)

6.3W

250mV @ 24V

3.94

2W Output

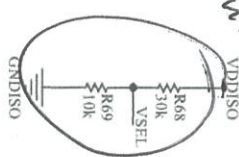
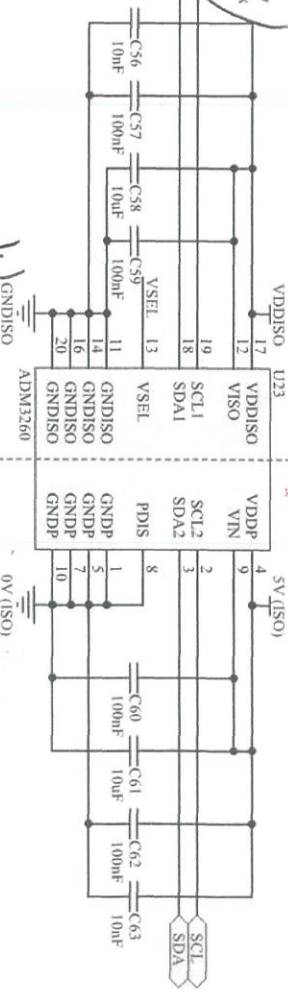
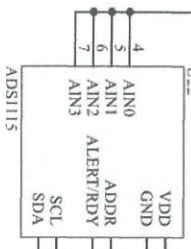
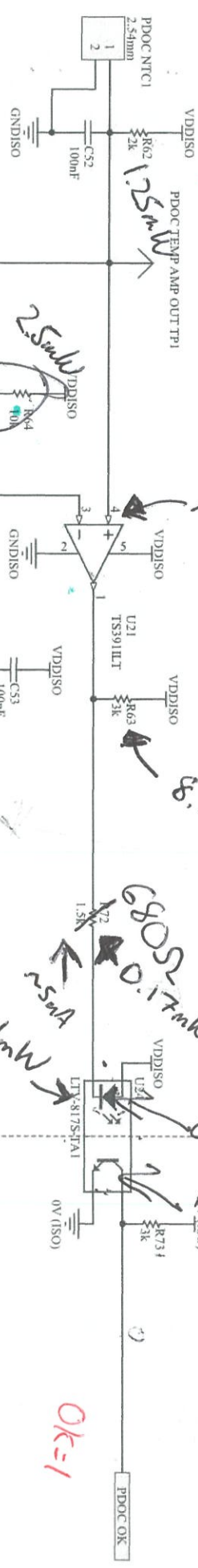
76%

3W

PRIMARY INTERFACE	
GLV+	1
CAN1	2
CAN2	3
Green DM	5
TS In	6
Discharge Enable	10
AIR Power	11
AIR-Feedback In	13
AIR-Feedback Out	14
AIR-Feedback In	15
AIR-Feedback Out	16
AIR-Feedback In	19
AIR-Feedback Out	20
AIR-Feedback In	21
AIR-Feedback Out	22
AIR-Feedback In	23
AIR-Feedback Out	24
39300-240	



From ~~micro~~ μ
so free —
assumed budget max
power consumption.



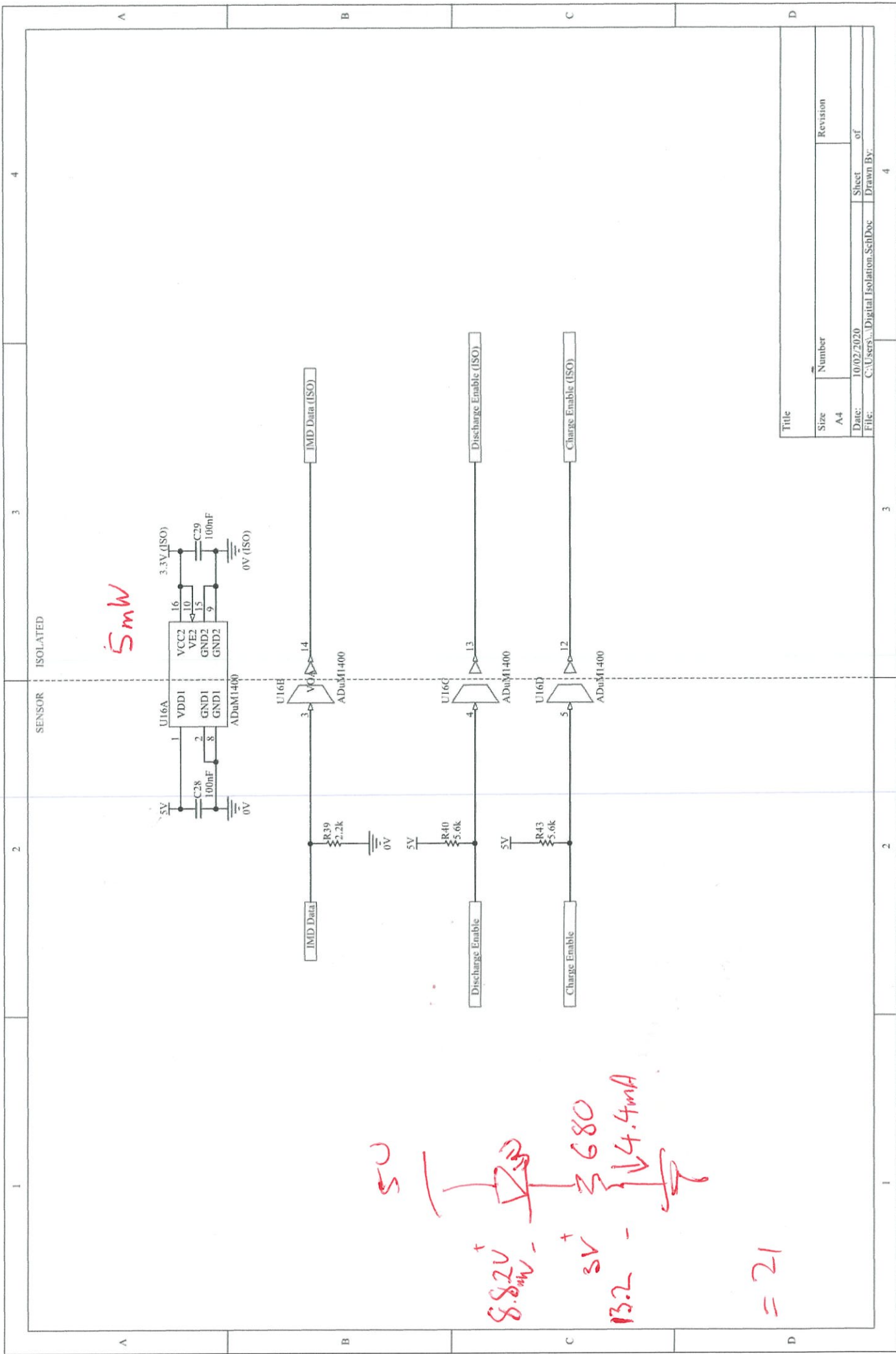
R63 8.3mV
 R72 0.17mV
 U2 1mV
 U21 1mV
 R64 2.5mV
 U1 1.75mV
 U22 0.75mV
 R67 8.8mV
 0.63mV

Title	Number	Revision
A4		
Date: 10/02/2020	Sheet	of
File: C:\Users\... \PDOG_SchDoc	Drawn By:	

24.4mV
 1.2V
 notice

OK=1





- OPEN DRAIN

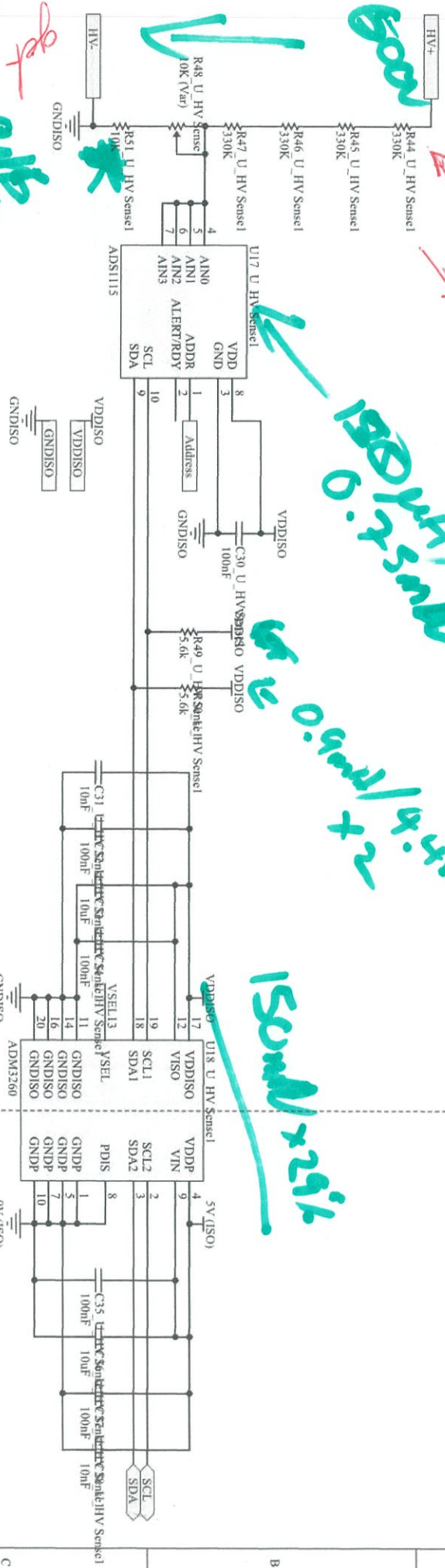
5V x 2
due more volts

AD1115

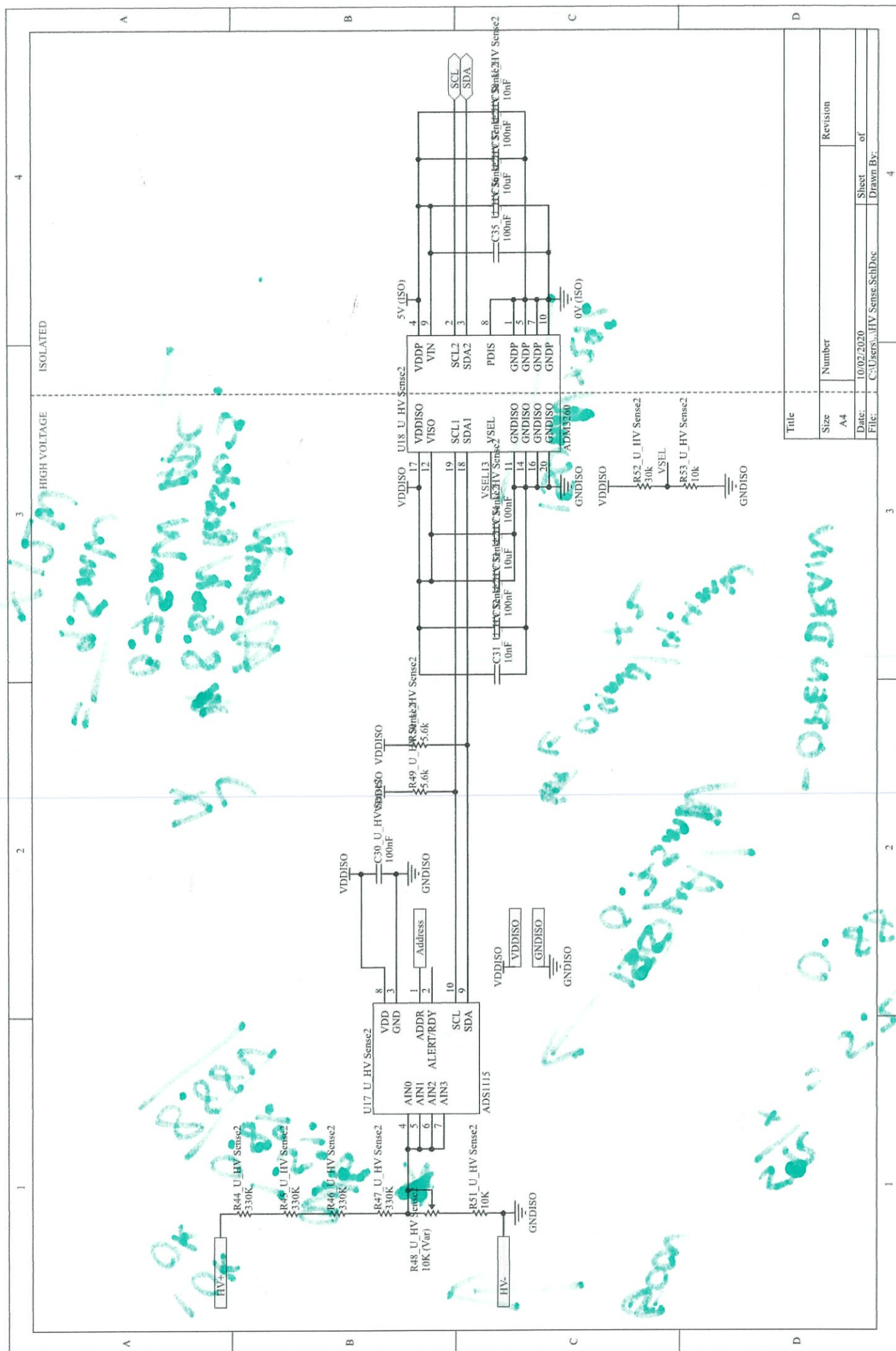
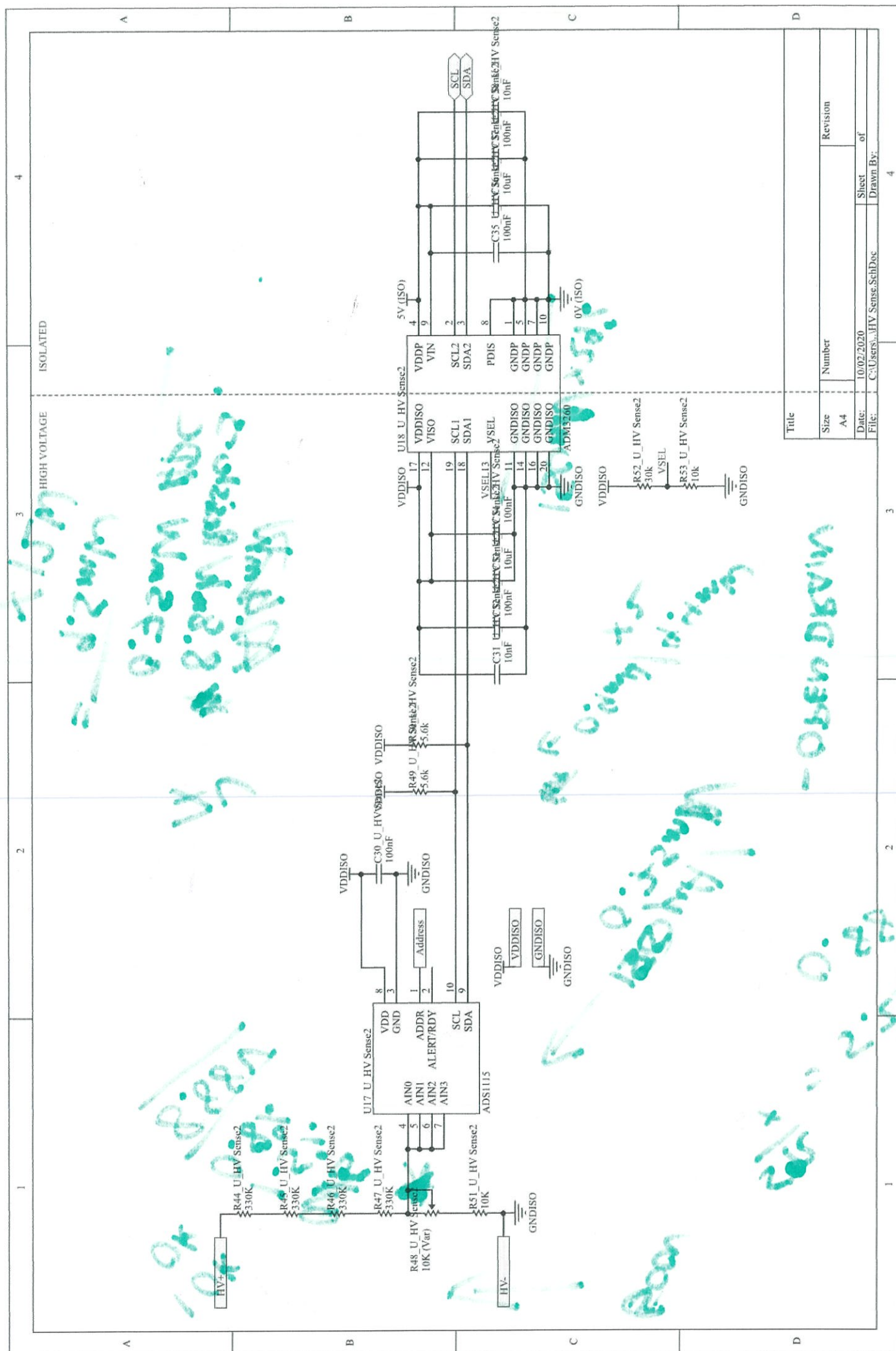
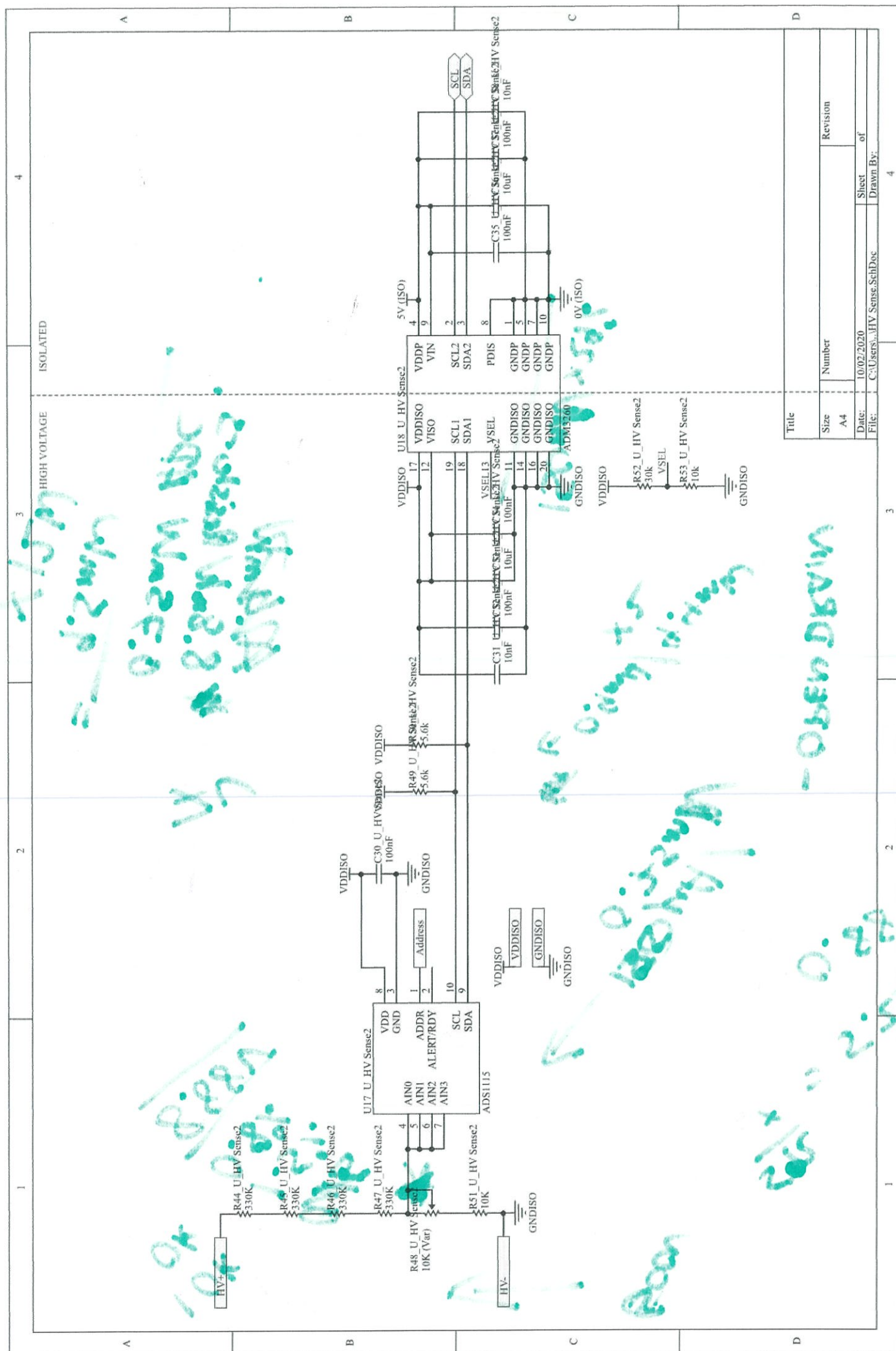
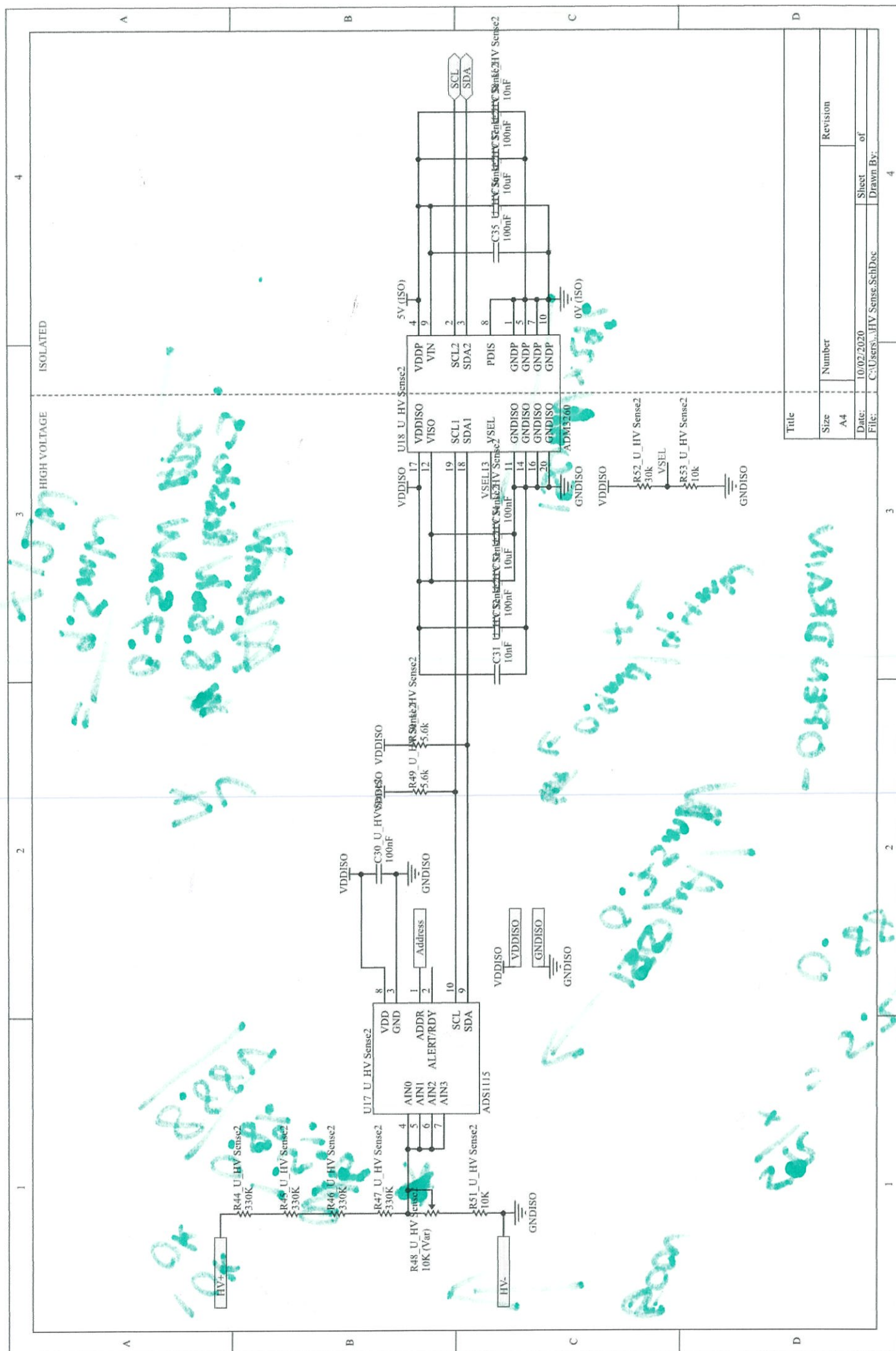
150mV x 2.5

get the voltage
0.88V
0.88V
0.88V

AD1115
0.88V Resistance
0.75mV
9.5mV
7.2mV



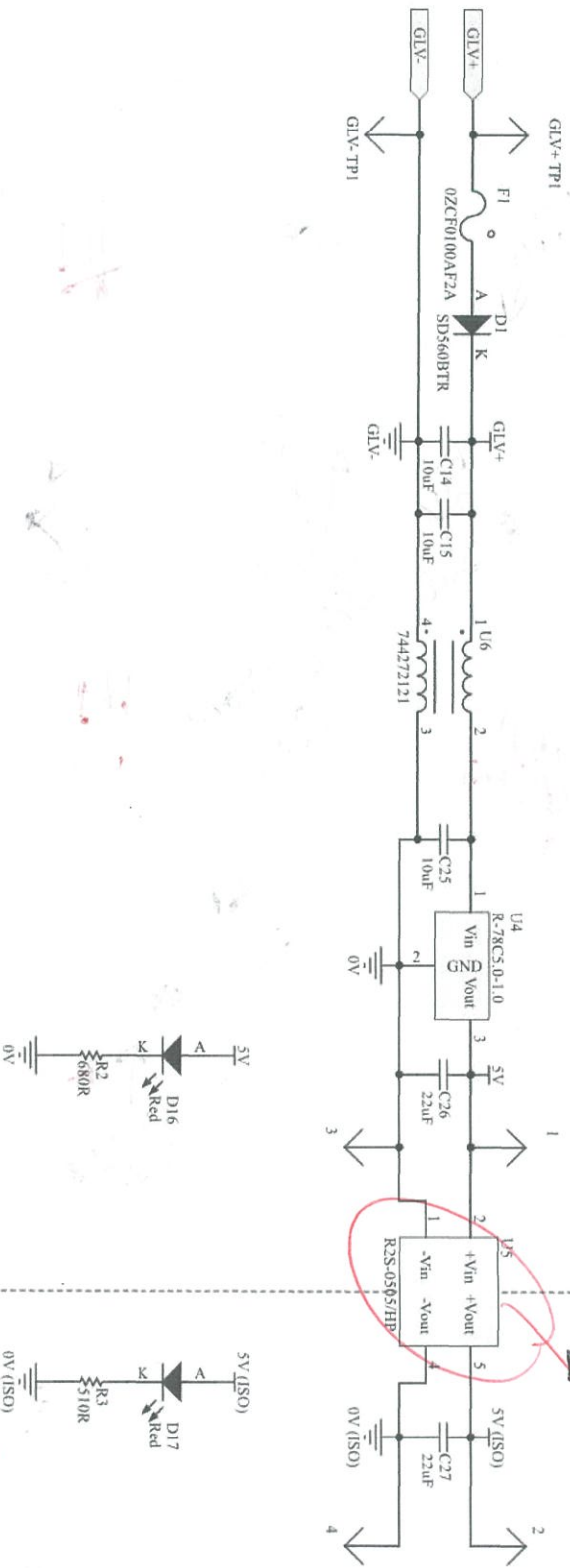
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Size	A4	
Date:	10/02/2020	Sheet 1 of 1
File:	C:\Users\JHV Sense\SchDoc	Drawn By:



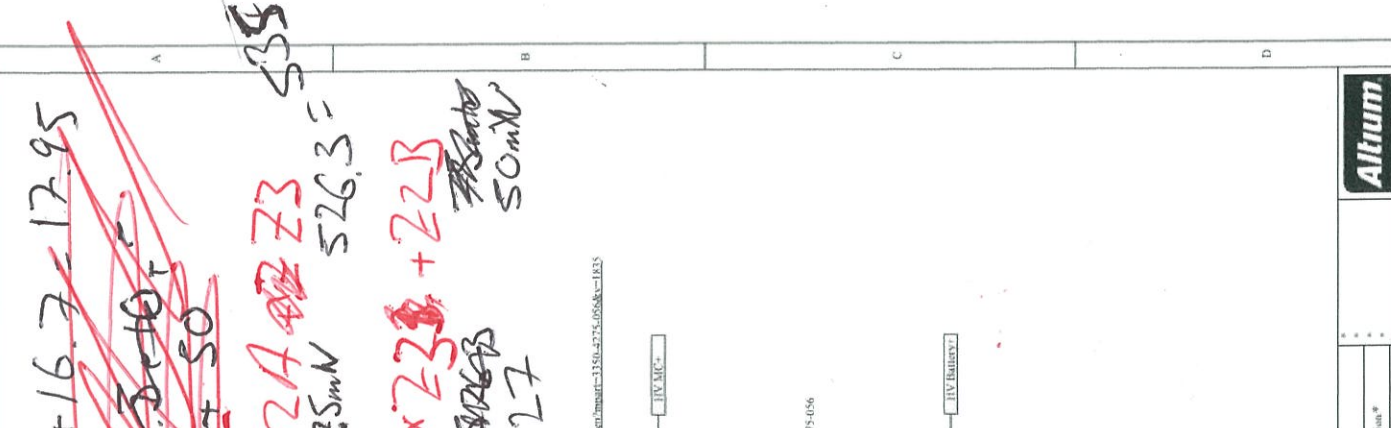
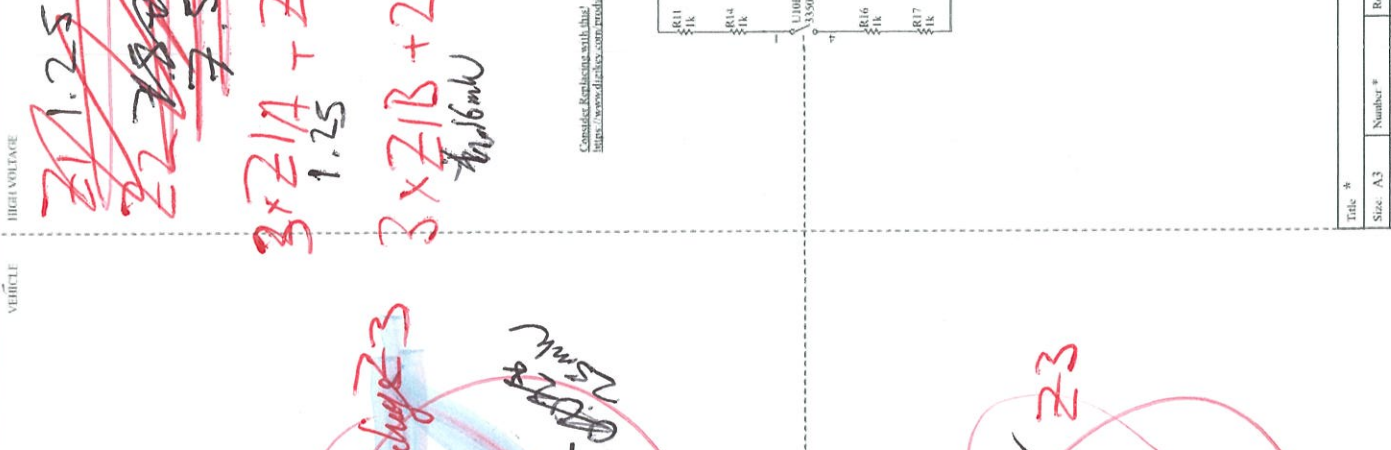
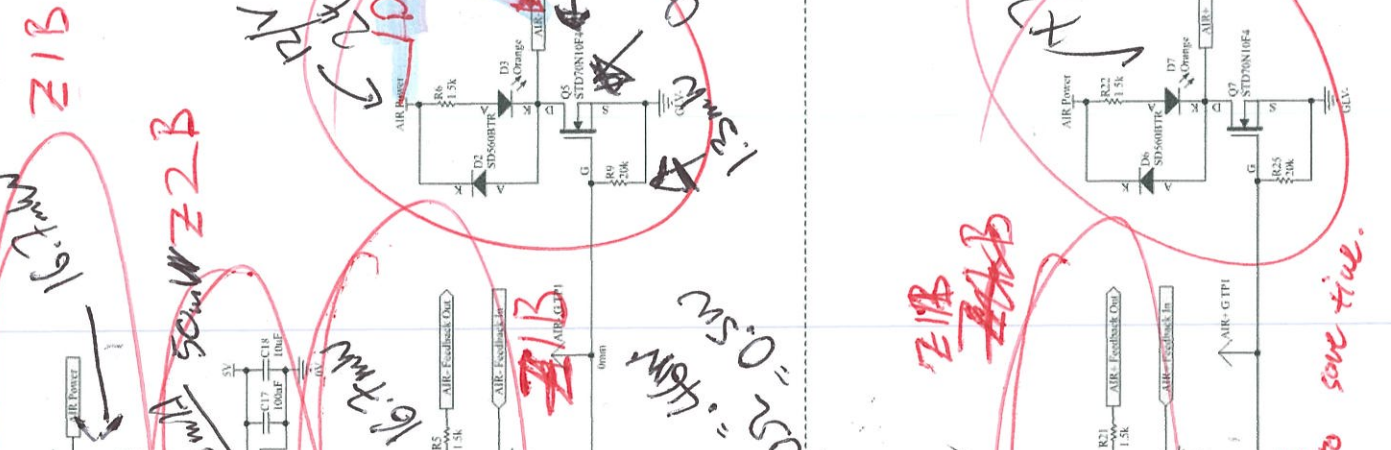
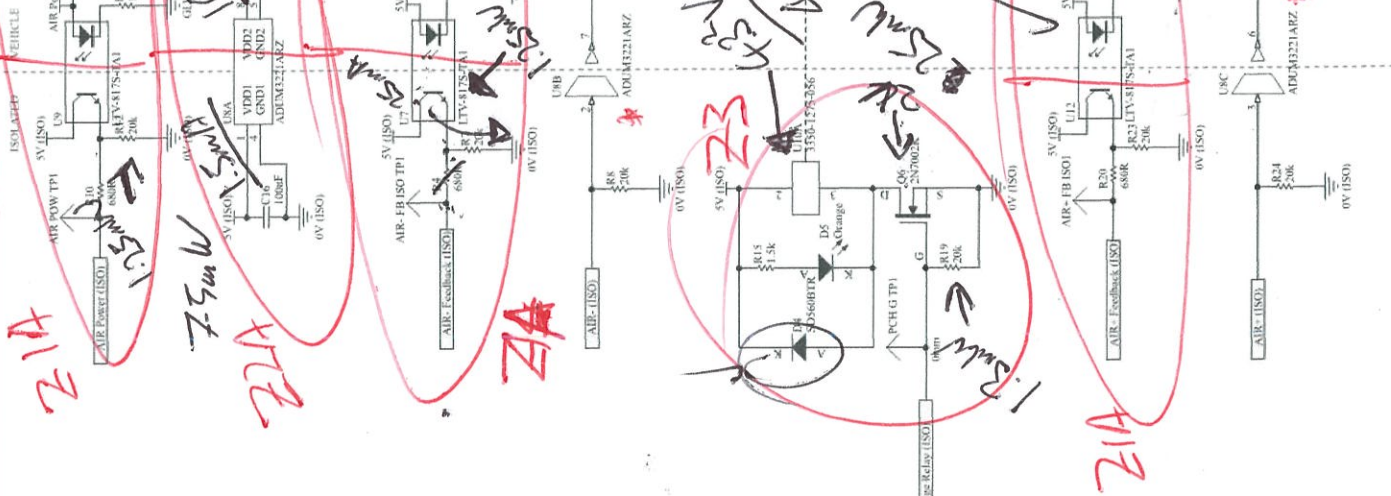
4.236W

SW only

need to
be made
3W



Title		Revision	
Size	Number		
A4			
Date:	10/02/2020	Sheet	of
File:	C:\Users\...Power Supply\SchDoc	Drawn By:	



Title	Number	Revision
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Date: 10/07/2020	Time: 6:12:21 PM	Sheet: 1 of 1
File: C:\Users\pau\Google Drive\18AW - GATE DRIVER v2\18AW - GATE DRIVER v2.dwg		

