


H

8



7

6

5

4

3

# Water Level Measuring System

2

1

INFORMATION	
The information contained in this drawing is the property of Mathias Buder. Any usage in part or as whole without the written permission of Mathias Buder is strictly prohibited.	
DOC.#	
Drawn By	Mathias Buder
Created	2022-09-03
Modified	2022-12-11
REV	B

H

G

F

E

D

C

B

A

Table of Contant

System Concept	2
System Architecture	3

Revision History

REV	CHANGES	DATE	EDITOR
A	Initial version	2022-09-05	MB
B	Added initial system architecture	2022-09-05	MB
C	Updatd ultrasonic range finder to narrow FoV ME007-ULA	2022-12-11	MB

8

7

6

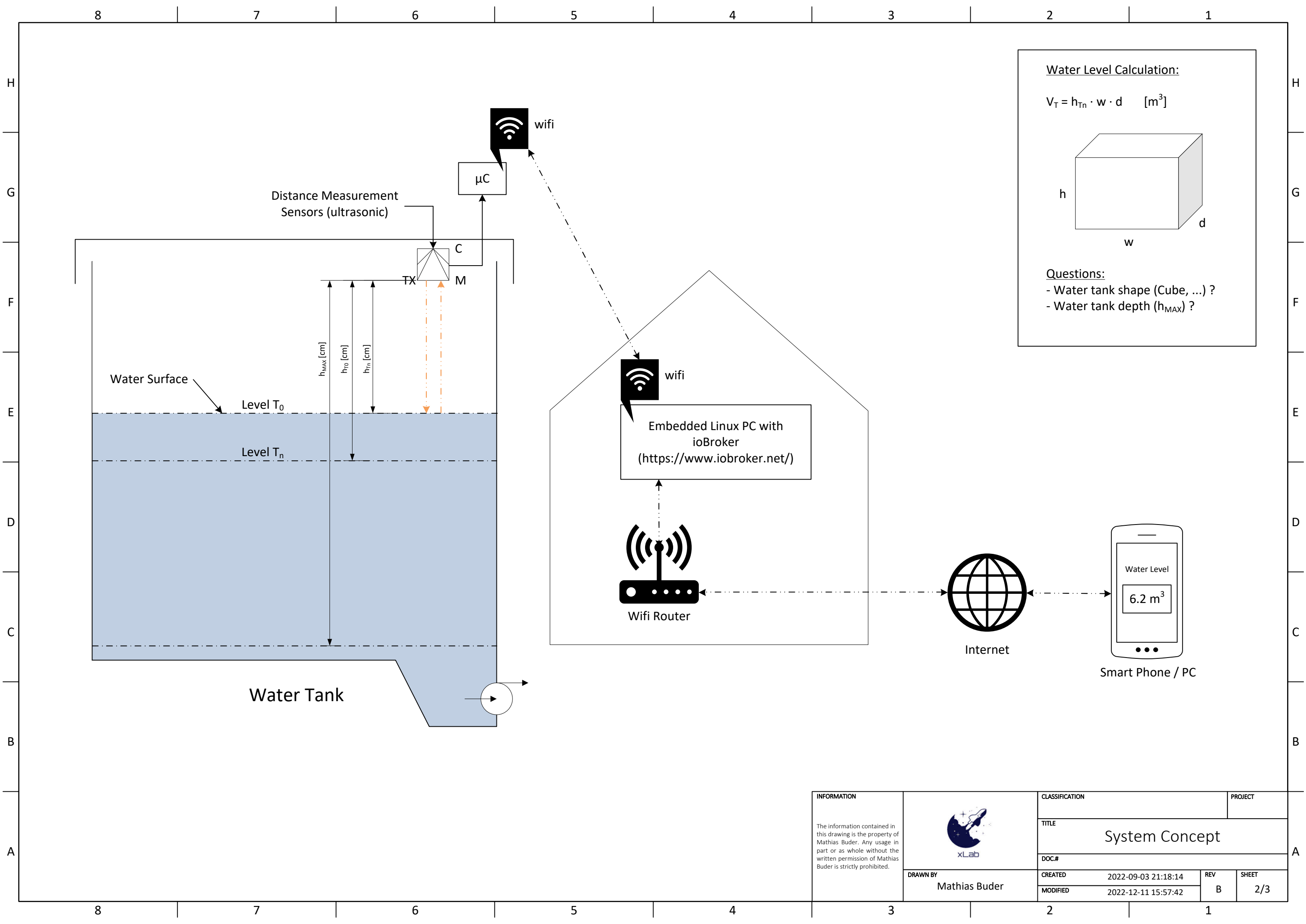
5


4

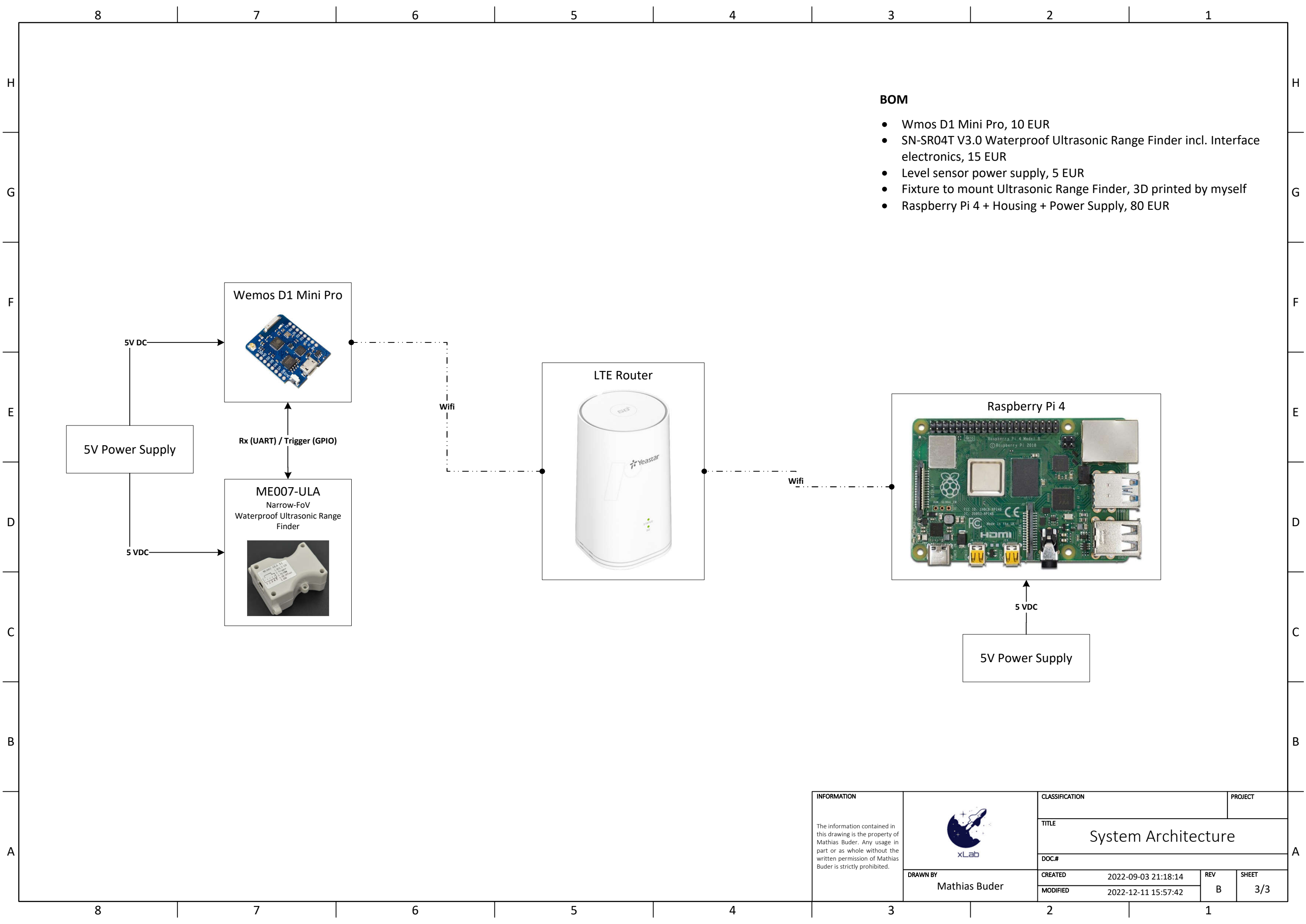
3

2

1




INFORMATION		CLASSIFICATION		PROJECT
<div>The information contained in this drawing is the property of Mathias Buder. Any usage in part or as whole without the written permission of Mathias Buder is strictly prohibited.</div> <div></div> <div>DRAWN BY Mathias Buder</div>		TITLE System Concept		
		DOC.#		
		CREATED 2022-09-03 21:18:14	REV B	SHEET 2/3
		MODIFIED 2022-12-11 15:57:42		



**BOM**

- Wmos D1 Mini Pro, 10 EUR
- SN-SR04T V3.0 Waterproof Ultrasonic Range Finder incl. Interface electronics, 15 EUR
- Level sensor power supply, 5 EUR
- Fixture to mount Ultrasonic Range Finder, 3D printed by myself
- Raspberry Pi 4 + Housing + Power Supply, 80 EUR

<div>INFORMATION</div> <div>The information contained in this drawing is the property of Mathias Buder. Any usage in part or as whole without the written permission of Mathias Buder is strictly prohibited.</div>		CLASSIFICATION		PROJECT		
		TITLE				
		DOC.#				
	DRAWN BY	Mathias Buder	CREATED	2022-09-03 21:18:14	REV	SHEET
			MODIFIED	2022-12-11 15:57:42		
				B	3/3	