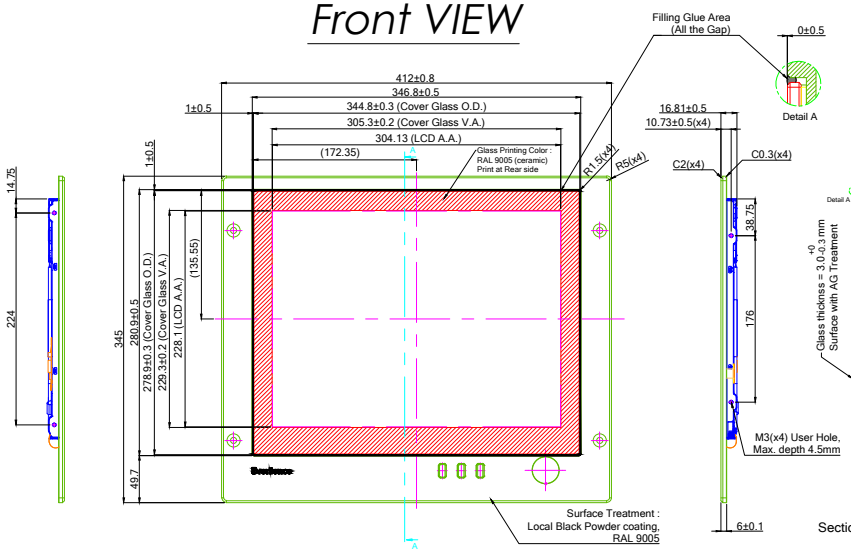
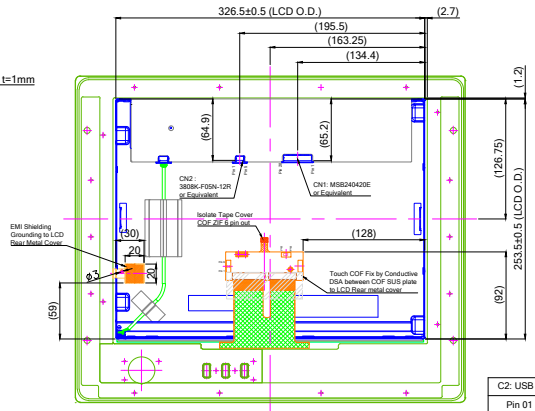


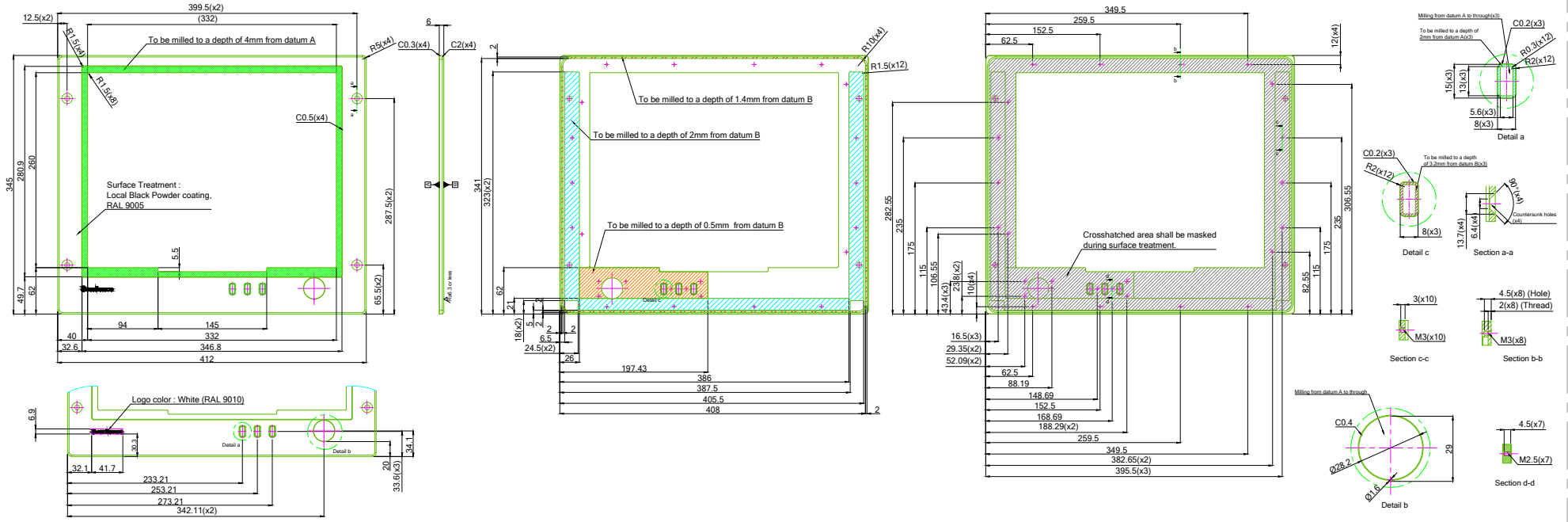


C2: USB Connecotr 4 pin	
Pin 01	GND
Pin 02	D-
Pin 03	D+
Pin 04	VDD(5V)

C3: I2C Connecotr 6 pin	
Pin 01	XGND
Pin 02	SDA
Pin 03	SCL
Pin 04	VDD(3V3) (3.3V Min.)
Pin 05	INT
Pin 06	RSTN

CN2 Pin Define	
PIN	SYMBOL
1	V_{CC}
2	GND
3	Enable
4	Dimming
5	NC

CN1 Pin Define			
PIN	SYMBOL	PIN	SYMBOL
1	VDD	11	Rin3-
2	VDD	12	Rin3+
3	NC	13	VSS
4	NC	14	ClkIN-
5	Rin1-	15	ClkIN+
6	Rin1+	16	VSS
7	VSS	17	Rin4-
8	Rin2-	18	Rin4+
9	Rin2+	19	VSS
10	VSS	20	SEL6/8



Note:
1. Tolerance: ISO-2768-mk
2. Touch Surface Hardness: 7H (Semi-Tempered)
3. Touch Transmittance: >85% (JIS-K7105)
4. Touch Surface Treatment: AG Surface Treatment
5. If customer put a front cover all around need use at least 2mm thick gasket between touch and metal frame
6. USB max ripple acceptable is 50mV, in other case touch will not work correctly
7. Assembly Solution :DSA

Part Number # Rev	FLD-150GTL12PC002	#01

Draw.Ver.	Date	Person	Description

	Date	Design By	Date	Approved By
First Drawing	20250425	Leo	20250425	Kevin W

FUTURELABS