

INFORMATION AND SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY ARE THE PROPERTY OF MAYFIELD ROBOTICS, AND SHALL NOT BE REPRODUCED, COPIED OR USED IN WHOLE OR IN PART FOR ANY REASON WITHOUT WRITTEN PERMISSION OF MAYFIELD ROBOTICS.

NOTES, UNLESS OTHERWISE SPECIFIED:

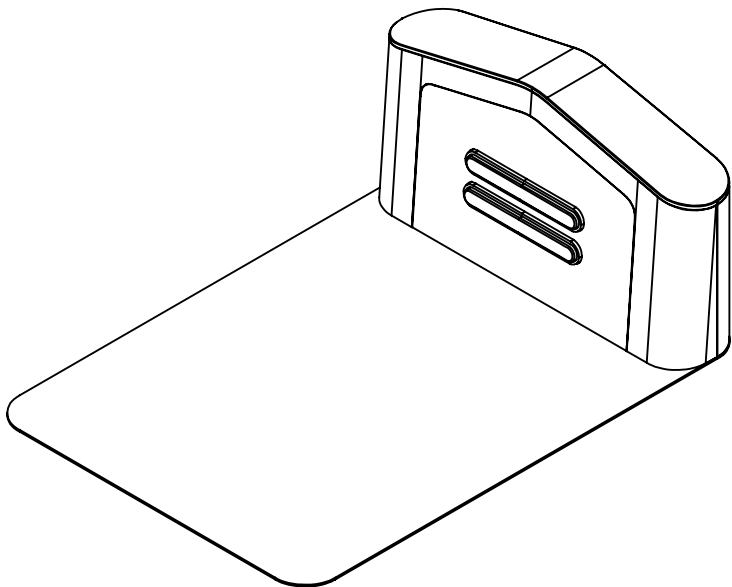
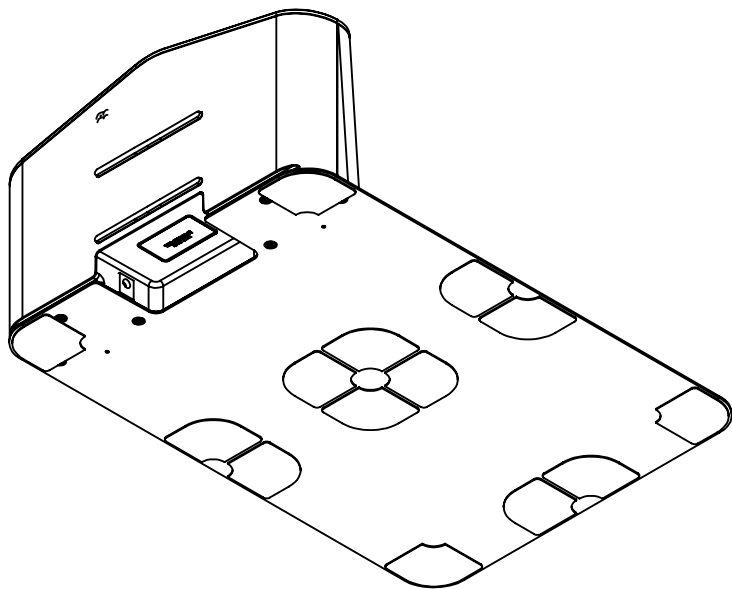
- REFER TO BOM FOR COMPLETE AND CURRENT LIST OF MATERIALS. VENDOR NAME AND VENDOR PN ARE FOR REFERENCE ONLY.
- COMPONENTS SHOWN WITHOUT ITEM NUMBERS ARE FOR REFERENCE ONLY AND REPORT TO UPPER LEVEL ASSEMBLIES.
- SOME HARDWARE NOT SHOWN FOR CLARITY.
- COMPONENTS MUST BE RoHS COMPLIANT AND TRACEABILITY OF SUCH MUST BE MADE AVAILABLE UPON REQUEST.
- FOLLOW MANUFACTURER'S ASSEMBLY INSTRUCTIONS AND ESD HANDLING PRACTICES.
- THREADED FASTENERS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS TORQUE SPECIFICATION UNLESS OTHERWISE SPECIFIED. INSTALLATION TORQUE TO BE:

1

10±1 N-m (89±9 lb-in).


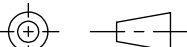
2

5±0.5 N-m (44±4 lb-in).
- REFER TO MAYFIELD ROBOTICS QA-00025 FOR GENERAL INSPECTION REQUIREMENTS AND SPECIFIC REQUIREMENTS FOR DIMENSIONS INCLUDING "CC-", AN OVAL, AND/OR OTHER MODIFIERS.
- FINAL ASSEMBLY METHOD TO BE REVIEWED AND APPROVED IN WRITING BY MAYFIELD ROBOTICS.

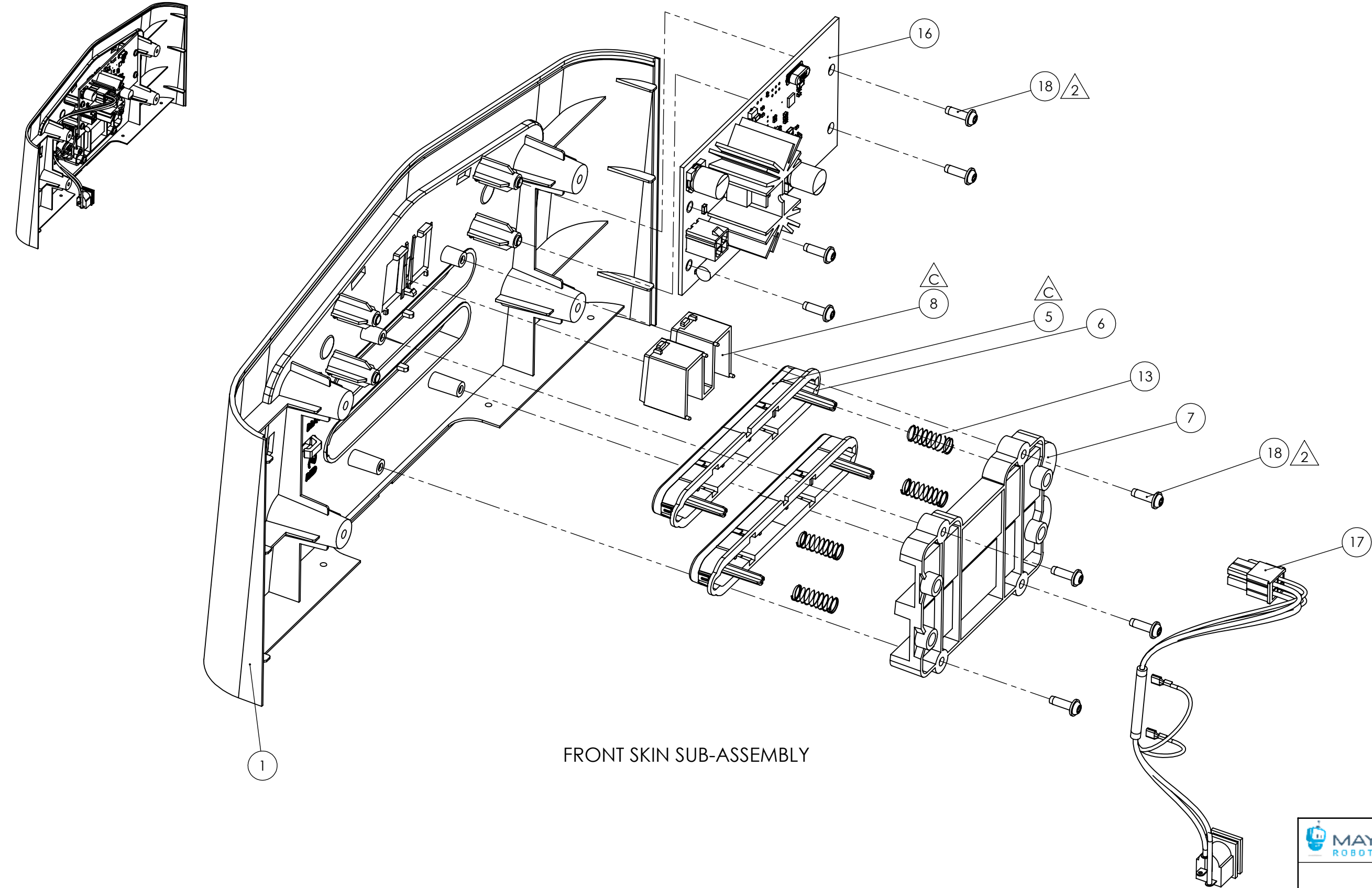


REVISION TABLE				
ECO	REVISION	DESCRIPTION	DATE	APPROVED
	B	RELEASE TO PRODUCTION. INCREASE FH SCREW LENGTH AND DRIVER TYPE. REVISE IR WINDOW TAPE LENGTH AND LOCATIONS. INCREASE BASEPLATE LENGTH. ADD PCBA LOCATOR RING TO FRONT SKIN. NEW PCBA.	14FEB18	J.UMHOEFER
	C	CHANGE FLOOR PAD SHAPE AND LAYOUT. INCREASE IR BAFFLE THICKNESS. ADD CONTACT CHAMFER. TIGHTEN ROOF RIB TO SKINS.	04APR18	J.UMHOEFER

19	6	OM-00126	SCREW,KA30x10,PT,FH,PH	BOSSARD	BN 13576 2001217
18	12	OM-00052	SCREW,K30X10,PT WASHER HEAD	BOSSARD	BN 20040 3184816
17	1	WH-00123	CABLE, INTERNAL, DOCK		
16	1	CE-00036	PCBA, DOCK		
15	1	PL-00021	LABEL, CERTIFICATIONS, DOCK		
14	5	CM-00306	ADHESIVE,WINDOW,DOCK		
13	4	OM-00100	SPRING, CONTACT, DOCK	Century Spring	S-317
12	2	CM-00260	PAD,WALL,DOCK		
11	14	CM-00387	PAD,FLOOR,CORNER	MCMASTER-CARR	8445K81
10	1	CM-00258	BASEPLATE,DOCK		
9	1	CM-00372	DIFFUSER,DOCK	HP	COF22A
8	1	CM-00364	IR BAFFLE, DOCK		
7	1	CM-00257	RETAINER,CONTACT,CHARGE,DOCK		
6	2	CM-00256	SUPPORT,CONTACT,CHARGE,DOCK		
5	2	CM-00255	CONTACT,CHARGE,DOCK		
4	1	CM-00254	IR WINDOW,DOCK		
3	1	CM-00253	SKIN,ROOF,DOCK		
2	1	CM-00252	SKIN,BACK,DOCK		
1	1	CM-00251	SKIN,FRONT,DOCK		
ITEM NO	QTY	PART NUMBER	DESCRIPTION	VENDOR	VENDOR PN


BILL OF MATERIALS							
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M TRAILING ZEROS DENOTE TOLERANCE	TOLERANCES X = ± 0.5 X.X = ± 0.25 X.XX = ± 0.13 ANGLES = ± 1° UNLESS OTHERWISE SPECIFIED		<div> MAYFIELD ROBOTICS</div> <div>400 CONVENTION WAY REDWOOD CITY, CA 94063</div>				
	APPROVED					DATE	
	DO NOT SCALE DRAWING		DRAWN BY		B RULIFSON		
	THIRD ANGLE PROJECTION		ENGINEERING APPROVAL				
							
DWG NUMBER			PR-00029		REV	C	
SIZE		B		SCALE	1:5	SHEET	1 of 4

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FRONT SKIN SUB-ASSEMBLY

19	6	OM-00126
18	12	OM-00052
17	1	WH-00123
16	1	CE-00036
15	1	PL-00021
14	5	CM-00306
13	4	OM-00100
12	2	CM-00260
11	14	CM-00387
10	1	CM-00258
9	1	CM-00372
8	1	CM-00364
7	1	CM-00257
6	2	CM-00256
5	2	CM-00255
4	1	CM-00254
3	1	CM-00253
2	1	CM-00252
1	1	CM-00251
ITEM NO	QTY	PART NUMBER
BILL OF MATERIALS		

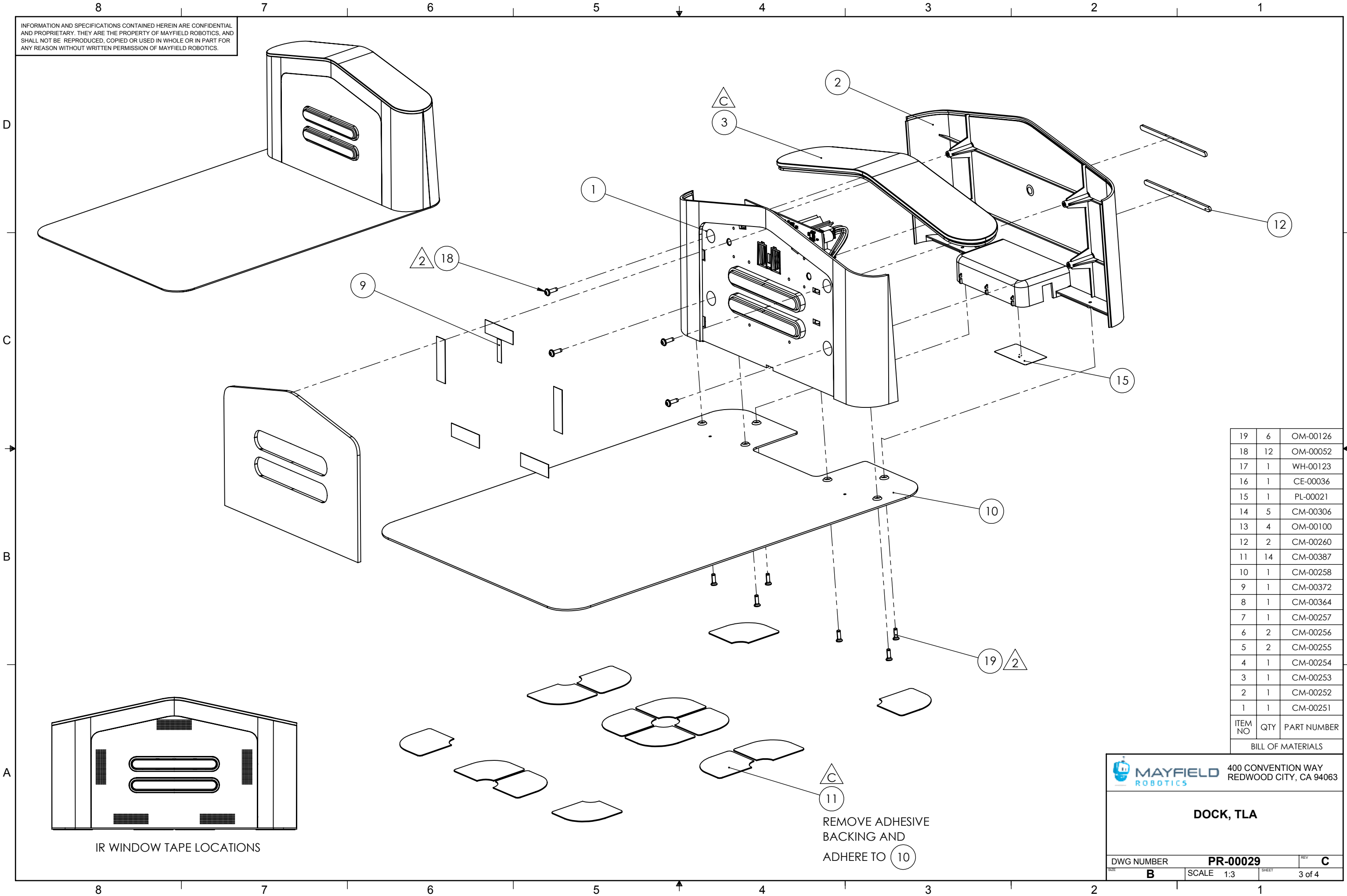


400 CONVENTION WAY
REDWOOD CITY, CA 94063


DOCK, TLA

DWG NUMBER	PR-00029	REV	C
SIZE	B	SCALE	2:3
SHEET	2 of 4		

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ITEM NO	QTY	PART NUMBER
BILL OF MATERIALS		



400 CONVENTION WAY
REDWOOD CITY, CA 94063

DOCK, TLA

DWG NUMBER	PR-00029	REV	C
SIZE	B	SCALE	1:3
SHEET	3 of 4		

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