



NOTES: (UNLESS OTHERWISE SPECIFIED)

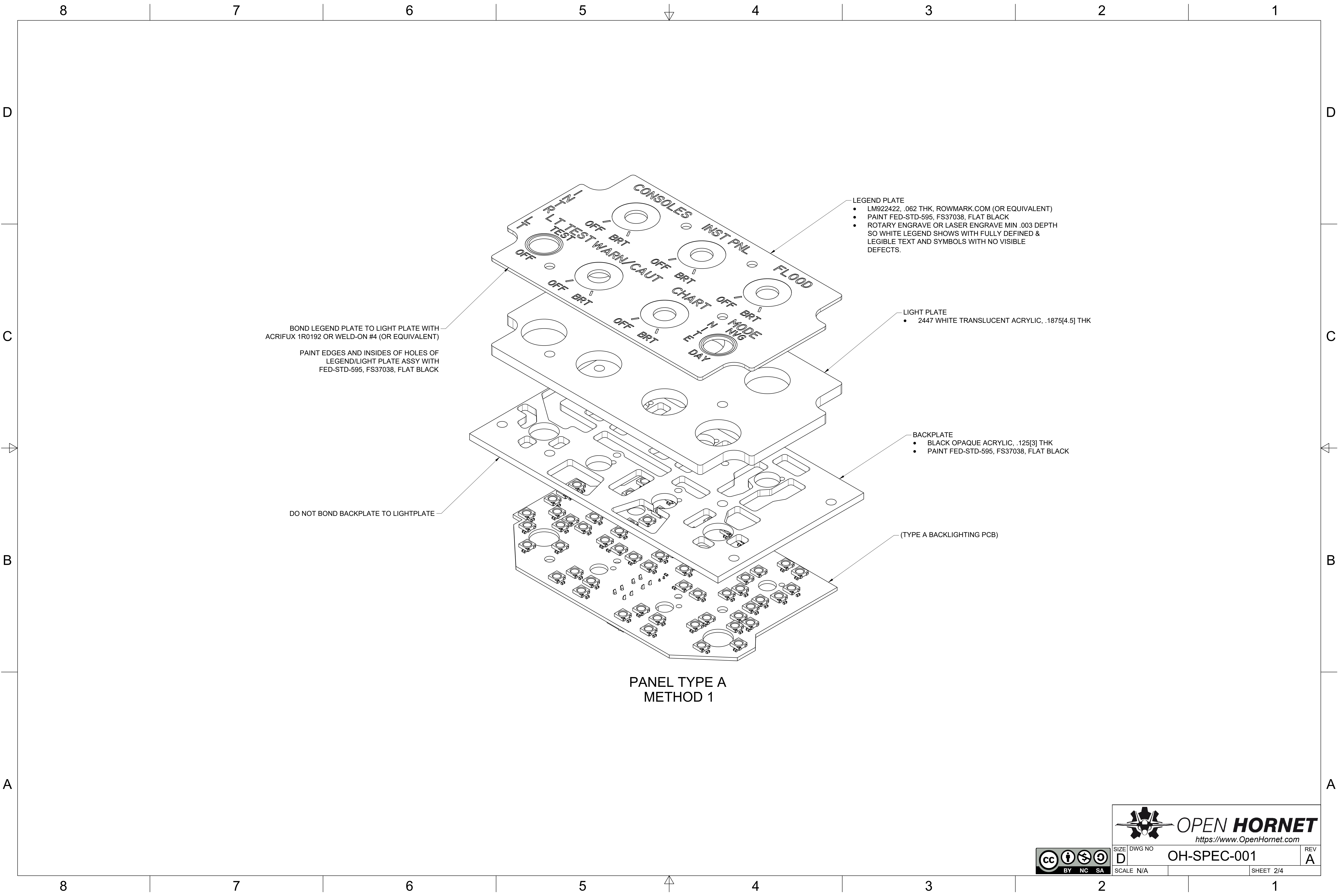
1. GENERAL FABRICATION PRACTICES
 - 1.1. THREADED INSERTS
 - 1.1.1. COMMON NOTES
 - 1.1.1.1. INSTALL ALL THREADED INSERTS AFTER FINISH HAS BEEN APPLIED TO PARTS.
 - 1.1.2. HEAT-SET THREADED INSERTS
 - 1.1.2.1. INSTALL BY USING AN APPROPRIATE SOLDERING IRON CIRCULAR DIAMETER TIP AND SLOWLY PRESS INTO SURFACE OF PART AS SQUARELY INTO THE HOLE AS POSSIBLE. WHEN THE INSERT IS JUST ABOVE THE SURFACE, USE A LARGE FLAT METAL OBJECT (LIKE A STEEL RULER OR SCRAP METAL PLATE) TO PRESS FLAT INTO SURFACE.
 - 1.1.3. THREADED INSERTS FOR WOOD
 - 1.1.3.1. INSTALL PER MANUFACTURER INSTRUCTIONS.
2. FINISHES
 - 2.1. FINISH TYPES ARE IAW TABLE 1. STANDARD SHOP PAINTING AND PRIMING PRACTICES SHALL APPLY UNLESS OTHERWISE SPECIFIED.
 - 2.2. DO NOT PAINT THREADS OF ANY PART UNLESS OTHERWISE SPECIFIED.
 - 2.3. IT IS RECOMMENDED THE BUILDER MAINTAIN A BENCH STOCK OF AND UTILIZE THE FOLLOWING MATERIALS FOR REMEDIATING LIGHT LEAKS IN ILLUMINATED PARTS:
 - 2.3.1. Ø1mm RUBBER O-RING STOCK, SOFT (30A-50A DUROMETER)
 - 2.3.2. STC ST5057 MATTE BLACK ALUMINUM FOIL TAPE OR SIMILAR
 - 2.3.3. PERMATEX 85120 LIQUID ELECTRICAL TAPE OR SIMILAR
 - 2.3.4. PERMATEX 82180 BLACK RTV SILICONE OR SIMILAR
 - 2.3.5. ALUMINUM FOIL
 - 2.3.6. ELECTRICAL TAPE

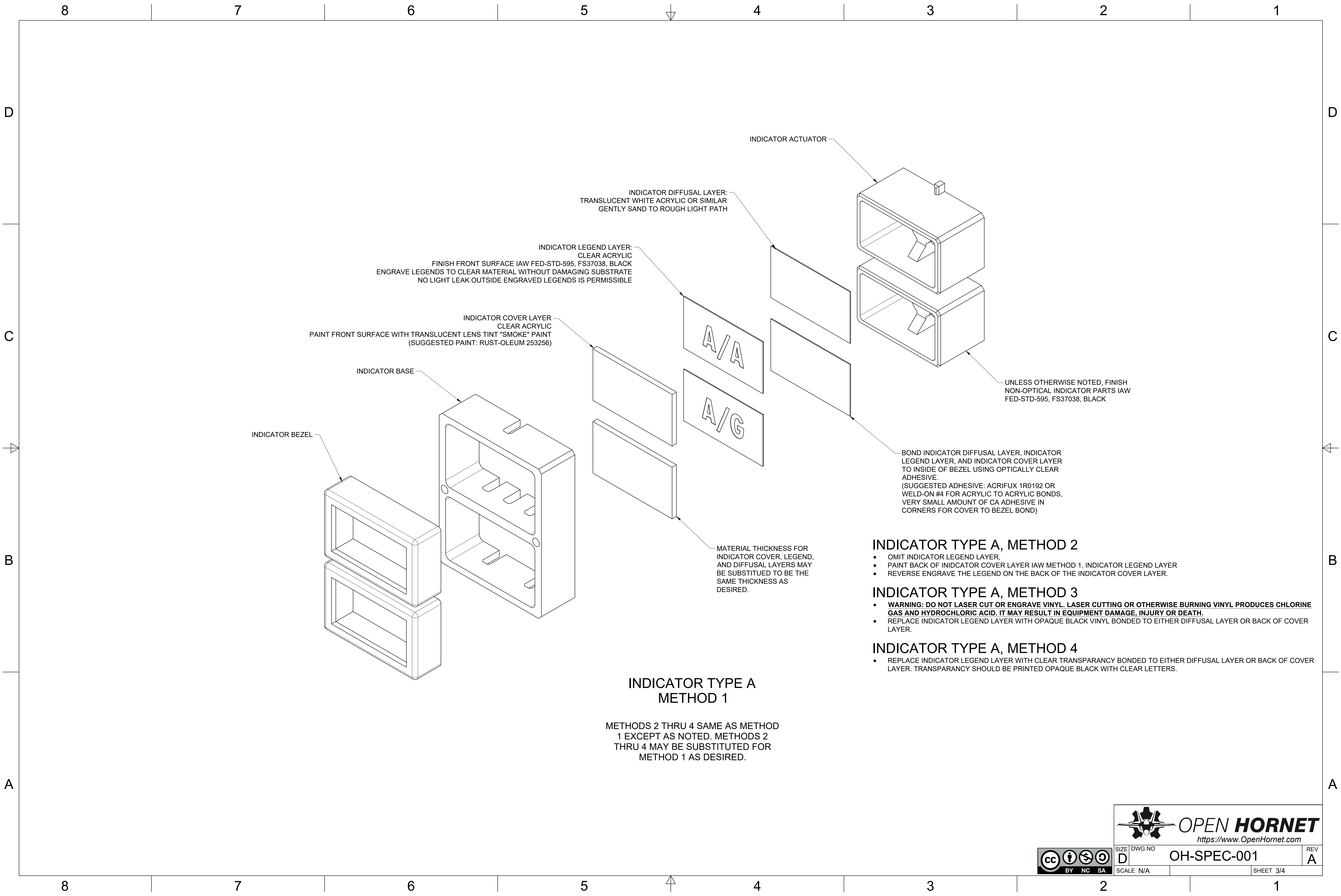
TABLE 1 FINISH TYPES

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TYPES	FED-STD-595/ AMS-STD-595 COLOR NUMBER	FED-STD-595/ AMS-STD-595 COLOR NAME	GLOSS LEVEL	NEAREST RAL CLASSIC COLOR	WHERE TYPICALLY USED (FOR REFERENCE)
FINISH TYPE A	FS37875	INSIGNIA WHITE	LUSTERLESS/FLAT	9010	PANEL LEGENDS, KNOB INDICAS
FINISH TYPE B	FS37038	FLAT BLACK	LUSTERLESS/FLAT	7021	ALL BLACK SURFACES
FINISH TYPE C	FS36231	DULL GULL GREY	LUSTERLESS/FLAT	7046	COCKPIT CONSOLE SURFACES, KNOBS, BUTTONS
FINISH TYPE D	FS31136	INSIGNIA RED	LUSTERLESS/FLAT		JETT KNOB PUSHBUTTON
FINISH TYPE E	FS33538	ORANGE YELLOW	LUSTERLESS/FLAT		WARNING STRIPES
FINISH TYPE F	FS36373	LIGHT GRAY	LUSTERLESS/FLAT		SKY OF SARI SPHEREOID

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	04/01/2022	
A	ADDED "ACRIFUX 1R0192 OR" TO ALL WELD-ON #4 CALLOUTS ON DOCUMENT. REWROTE NOTE 2 TO ADD TABLE 1 FOR FINISHES AND ADDRESS LIGHT LEAK MATERIALS.	09/09/2024	J. STEENSEN

UNLESS OTHERWISE SPECIFIED:		UOS INCH TOLERANCES ARE:		 OPEN HORNET https://www.OpenHornet.com
DIMENSIONS ARE IN INCHES.	DECIMALS: .X ± .1 .XX ± .03 .XXX ± .010	ANGLES: MACHINED ± .5° LOCATING ± .5° FORMED ± 2° CHAMFERS ± 5°	TITLE	
DUAL DIMENSIONS ARE IN MILLIMETERS AND ENCLOSED IN SQUARE BRACKETS.	DRILLED HOLE DIAMETERS: .0135 - .125: +.004/- .001 .126 - .250: +.005/- .001 .251 - .500: +.006/- .001 .501 - .750: +.008/- .001 .751 - 1.000: +.010/- .001 1.001 - 2.000: +.012/- .001		COMPONENT FABRICATION METHODS	
INTERPRET DRAWING IAW ASME Y14.100-2017.				
INTERPRET DIM AND TOL IAW ASME Y14.5-2009.				
REMOVE ALL BURRS AND SHARP EDGES TO .05 MAX.				
DIMENSIONS APPLY BEFORE FINISH.				
DESIGNED J. STEENSEN 04/01/2023		SIZE	DWG NO	REV
CHECKED		D	OH-SPEC-001	A
DRAWN J. STEENSEN 04/01/2022		SCALE N/A		SHEET 1/4





SIZE	D	DWG NO	OH-SPEC-001	REV	A
SCALE	N/A			SHEET	3/4

