

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. SPECIFICATIONS AND DOCUMENTS:

1.1. ELECTRICAL CONNECTIONS SHALL BE IAW OH-INTERCONNECT.
2. ALL ITEMS NOT EXPLICITLY DEFINED IN THIS DRAWING ARE DEFINED BY THE MASTER CAD MODELS. ALL DIMENSIONS NOT DEFINED ON THIS DRAWING ARE CONTAINED WITHIN THE FOLLOWING MANUFACTURING FILES:

2.1. FLAT PARTS: <MATERIAL>_<MATERIAL COLOR, IF APPLICABLE>_<THICKNESS, IN DECIMAL INCHES>_<PN>_<DESCRIPTION>_<REV>_V<VERSION NUMBER OF MODEL>.SVG

2.2. FDM 3D PRINTED PARTS: FDM_<PN>_<DESCRIPTION>_<REV>_V<VERSION # OF MODEL>.3MF

2.3. RESIN 3D PRINTED PARTS: RESN_<PN>_<DESCRIPTION>_<REV>_V<VERSION # OF MODEL>.3MF

2.4. MACHINED OR BENT PARTS: <PN>_<DESCRIPTION>_<REV>_V<VERSION # OF MODEL>.STEP

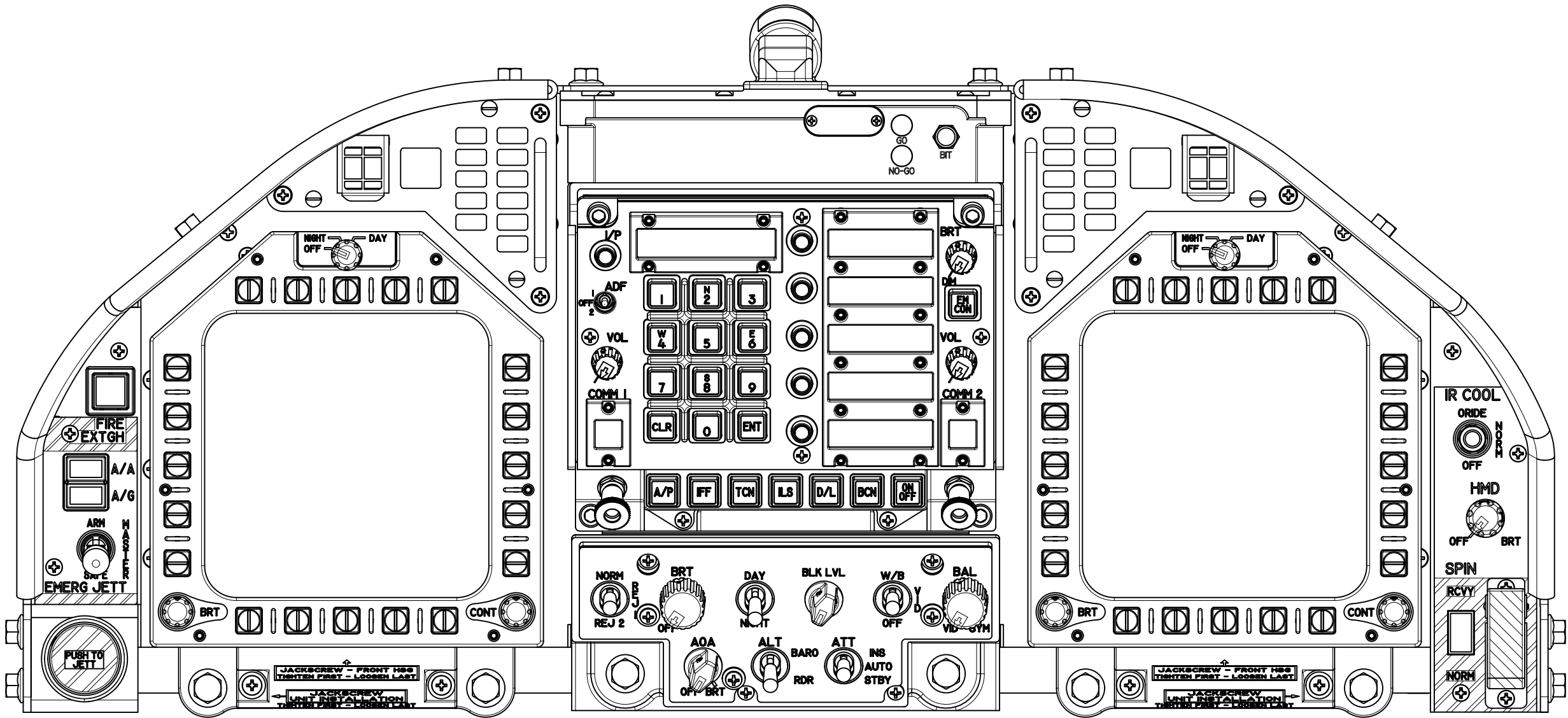
3. ALL FINISHES IAW FED-STD-595:

3.1. FN 7 THRU 10: FS36231, DULL GULL GREY

3.2. FN 1, 4, 14, 15, 16, 18, 19, 20, 24: FS37038, BLACK



3.3. FINISH INTERIOR OF ENCLOSED SPACES IN GLOSS WHITE OR WITH THE APPEARANCE OF ZINC CHROMATE PRIMER GREEN.

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	4/8/2023	



-1 ASSY
SCALE 1:2

PARTS LIST ON SHEET 2

UNLESS OTHERWISE SPECIFIED:		UOS INCH TOLERANCES ARE:		 <div>OPEN HORNET</div> <div>https://www.OpenHornet.com</div>		
DIMENSIONS ARE IN INCHES.		DECIMALS:			TITLE ASSY, UPPER INSTRUMENT PANEL UPPER INSTRUMENT PANEL	
DUAL DIMENSIONS ARE IN MILLIMETERS AND ENCLOSED IN SQUARE BRACKETS.		ANGLES:				
INTERPRET DRAWING IAW ASME Y14.100-2017.		.X ± .1				
INTERPRET DIM AND TOL IAW ASME Y14.5-2009.		.XX ± .03				
REMOVE ALL BURRS AND SHARP EDGES TO .05 MAX.		.XXX ± .010				
DIMENSIONS APPLY BEFORE FINISH.		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				
DESIGNED J. STEENSEN 04/08/2023				SIZE DWG NO	OH1A1-1	REV -
CHECKED				D		
DRAWN J. STEENSEN 04/08/2023				SCALE 1:4		DO NOT SCALE DWG

8	7	6	5	4	3	2	1
D							D
C							C
B							B
A							A
8	7	6	5	4	3	2	1

69	4	90471A130	FHS, 100DEG, #2-56 X .375, STEEL	STL	35	1	OH1A7-1	ASSY, PANEL, HUD	
68	4	91780A117	STANDOFF, #2-56 X 1.00, .1875 HEX, FEMALE, ALUMINUM	ALU	34	1	OH1A6-1	ASSY, PANEL, SPIN RECOVERY	
67	1	ABSI001	ASSY, ABSIS ALE	N/A	33	1	OH1A2-1	ASSY, PANEL, MASTER ARM	
66	2	B09V6WY1SD	HUB, USB 3.0, 7-PORT, 5VDC	N/A	32	1	OH1A5-1	ASSY, EYEBROW WARNING MODULE, RIGHT	
65	1	ABSI003	ASSY, ABSIS HID BUS MASTER	N/A	31	1	OH1A4-1	ASSY, EYEBROW WARNING MODULE, LEFT	
64	2	ER-TFTV101A1-1 - CONTROLLER	PCB, HDMI CONTROLLER FOR LCD PANEL	N/A	30	2	OH1A3-1	ASSY, DDIV2	
63	2	ER-TFTV101A1-1 DISPLAY	10 IN LCD DISPLAY	N/A	29	1	OH1A1-28	UPPER UIP FACE MOUNT, RIGHT	PETG
62	14	92105A660	INSERT, 8-32, SELF TAPPING, FOR SOFTWOOD	ZINC	28	2	7598A71	TAPE, LIGHT DUTY, DOUBLE SIDED, FOAM (1)	RBR
61	11	93365A140	INSERT, 8-32, BRASS, FOR PLASTICS	BRS	27	2	7598A71	TAPE, LIGHT DUTY, DOUBLE SIDED, FOAM	RBR
60	4	90272A203	PHS, #8-32 X 1.50, STEEL	STL	26	1	8693K18	(MOD_2) TRIM, .125 X .25 ID, EPDM RUBBER, BLACK	RBR
59	22	91841A009	NUT, #8-32, 18-8	SS	25	1	8693K18	(MOD_1) TRIM, .125 X .25 ID, EPDM RUBBER, BLACK	RBR
58	17	91249A197	PHS, #8-32 X .750, 18-8, BLK	SS	24	1	OH1A1-29	UIP RIGHT GLARESHIELD	ABS
57	6	91078A029	NUT, THIN, .25-20, STEEL	SS	23	1	OH1A1-27	UIP RIGHT INBOARD LONGERON	MDF
56	6	93365A130	INSERT, 6-32, BRASS, FOR PLASTIC	STL	22	1	OH1A1-26	MIRRORMFD LOWER SUPPORT A	PETG
55	6	91309A542	HHCS, .25-20 X 1.00, STEEL, ZINC	BRS	21	2	3846N371	1.0 X 36.0, STRIP, NEO RBR, ADHESIVE BACK, 40A DURO, BLACK	RBR
54	6	90126A029	WASHER, .25 X .625, STEEL, ZINC	STL	20	1	OH1A1-25	UIP CENTRAL TIE BRACKET	PETG
53	4	97416A113	WASHER, #8, STEEL, BLACK-OXIDE	STL	19	1	OH1A1-24	HUD PANEL CONNECTION BRACKET	PETG
52	3	91249A060	PHS, #2-56 X .625, 18-8, BLK	STL	18	1	OH1A1-23	HUD PANEL AFT SUPPORT	PETG
51	3	92141A003	WASHER, #2 X .250 OD, 18-8	SS	17	2	OH1A1-22	UIP DISPLAY PRESSURE FOOT	PETG
50	7	94070A076	PHS, #2-56 X .1875, BRASS	SS	16	2	OH1A1-21	MFD LOWER SUPPORT C	PETG
49	3	91780A105	STANDOFF, #2-56 X .375, .1875 HEX, FEMALE, ALUMINUM	BRS	15	2	OH1A1-20	MFD LOWER SUPPORT B	PETG
48	6	91249A156	PHS, #6-32 X .8750, 18-8, BLK	ALU	14	1	OH1A1-19	MFD LOWER SUPPORT A	PETG
47	17	90272A201	PHS, #8-32 X 1.250, STEEL	SS	13	1	OH1A1-18	UPPER UIP FACE MOUNT, LEFT	PETG
46	44	98023A113	WASHER, #8, STEEL, ZINC	STL	12	1	OH1A1-17	UIP FWD BULKHEAD	MDF
45	33	90252A115	FHWS, 82DEG, #8 X 1.50, STEEL, BLK, FOR MDF	STL	11	1	OH1A1-16	UPPER HUD BOX SUPPORT	MDF
44	9	90471A435	FHS, 100DEG, #8-32 X .625, STEEL	STL	10	1	OH1A1-15	UIP FLOOR	MDF
43	4	90471A445	FHS, 100 DEG CSK, .25-20 X .625, STEEL	STL	9	1	OH1A1-14	UIP LEFT INBOARD LONGERON	MDF
42	8	90471A220	FHS, 100DEG, #6-32 X .500, STEEL	STL	8	2	OH1A1-13	UIP LEFT OUTBOARD LONGERON	MDF
41	26	90760A007	NUT, JAM, #6-32, STEEL	STL	7	1	OH1A1-12	UPPER INSTRUMENT PANEL FACE	ACRL
40	22	90273A153	FHS, 82DEG, #6-32 X 1.00, STEEL	STL	6	7	OH1A1-200	GLARESHIELD MOUNTING TAB GROUP, RH	
39	8	90471A427	FHS, 100DEG, #4-40 X .625, STEEL	STL	5	7	OH1A1-100	GLARESHIELD MOUNTING TAB GROUP, LH	
38	16	92316A536	HHCS, .25-20 X .500, GR8, STEEL, BLACK PHOS	STL	4	1	OH1A1-11	UIP UPPER HUD BOX COVER	ACRL
37	2	OHC0015-1	ASSY, DDI_AMPCD_CONTROLLER	STL	3	1	8693K18	(MOD_2) TRIM, .125 X .25 ID, EPDM RUBBER, BLACK	RBR
36	1	OH1A8-1	ASSY, UPFRONT CONTROL PANEL	N/A	2	1	8693K18	(MOD_1) TRIM, .125 X .25 ID, EPDM RUBBER, BLACK	RBR
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL

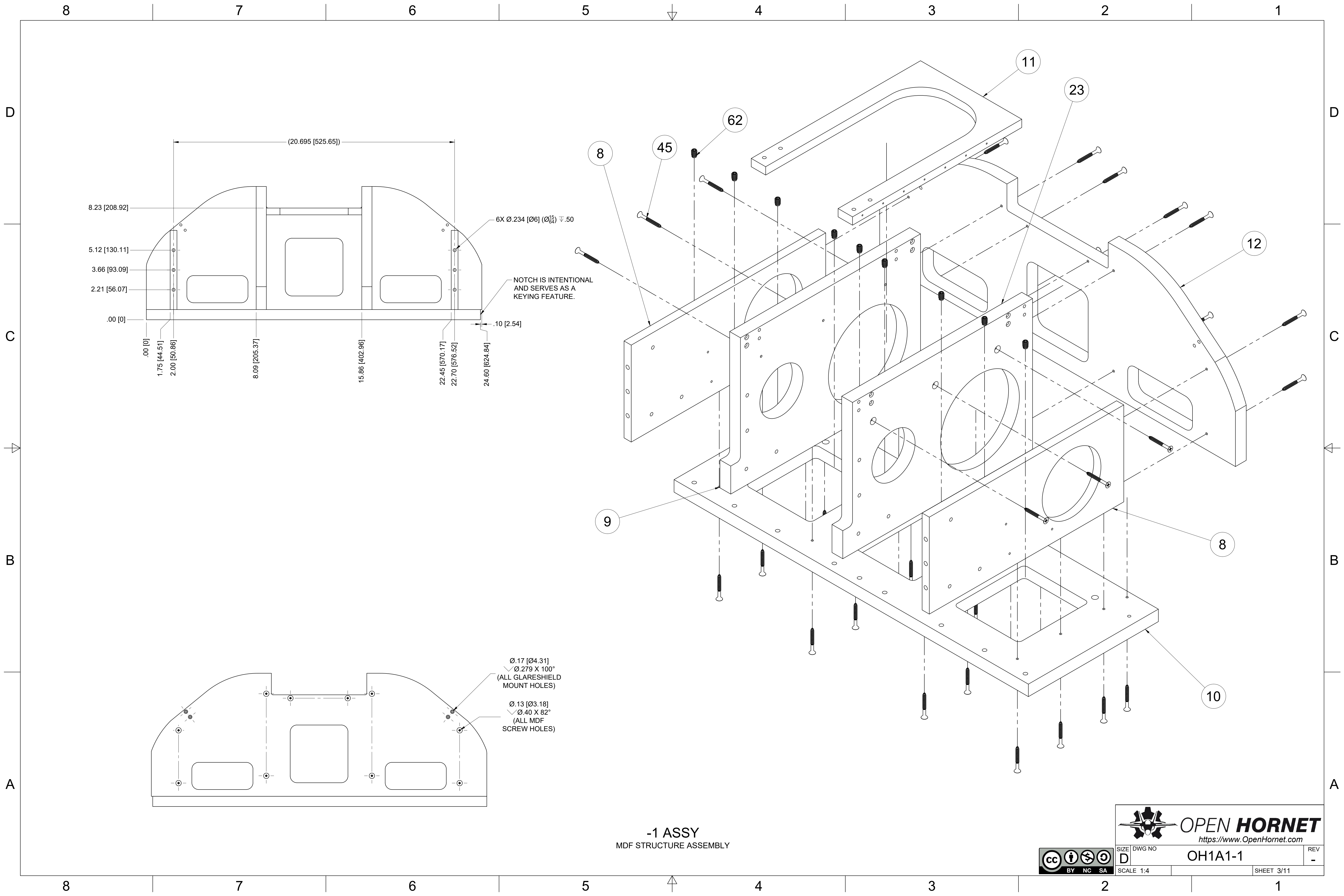
PARTS LIST					PARTS LIST				
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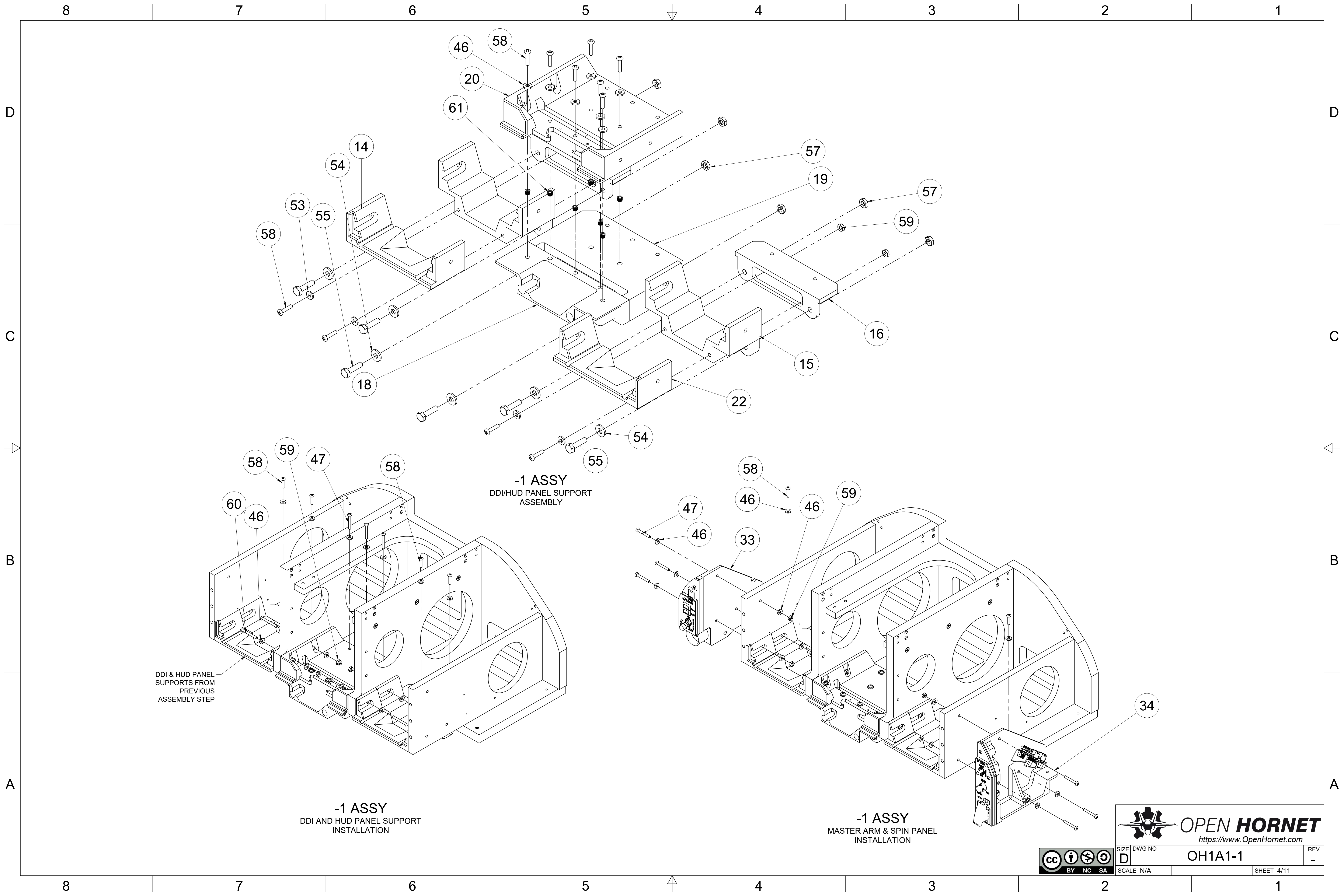


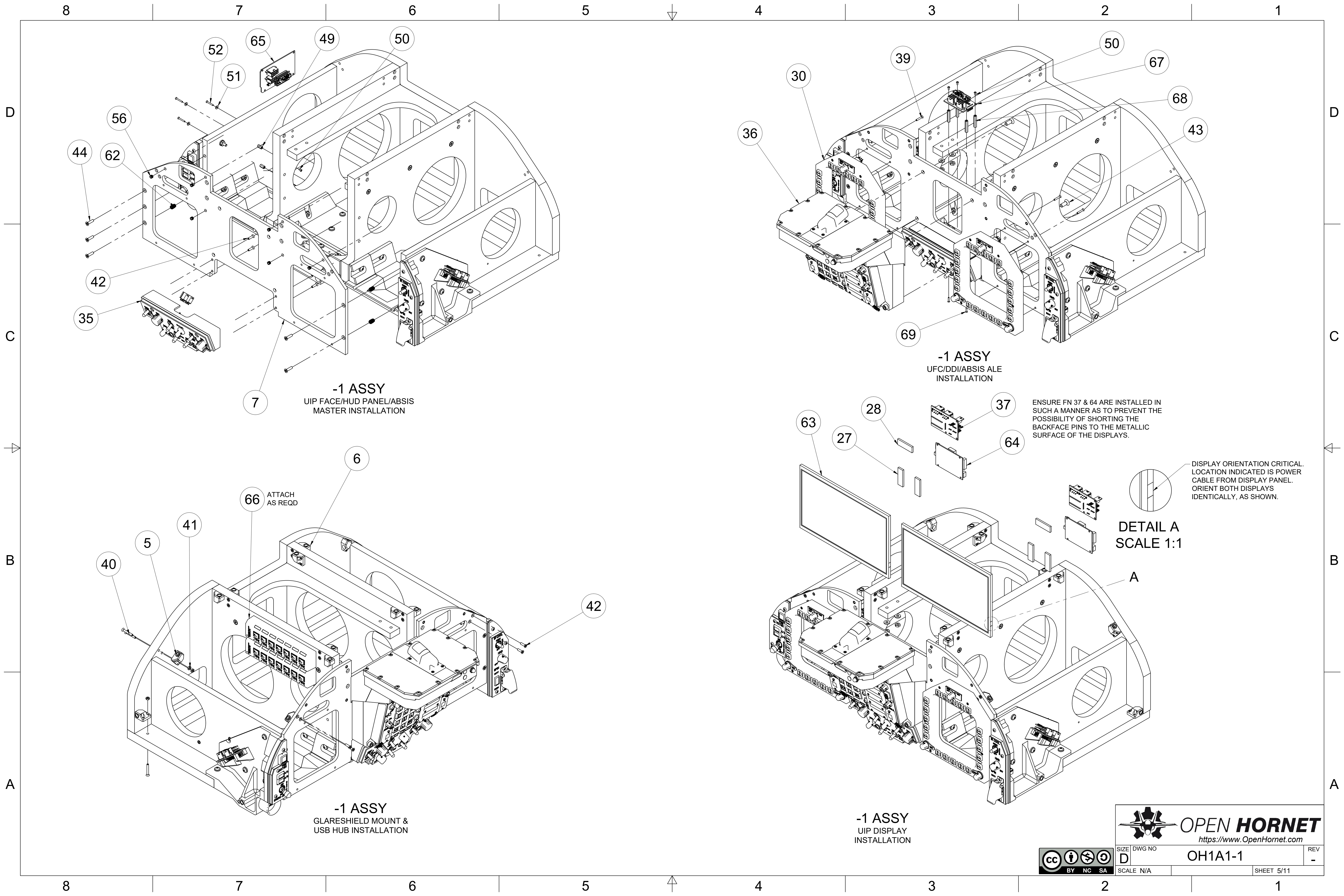
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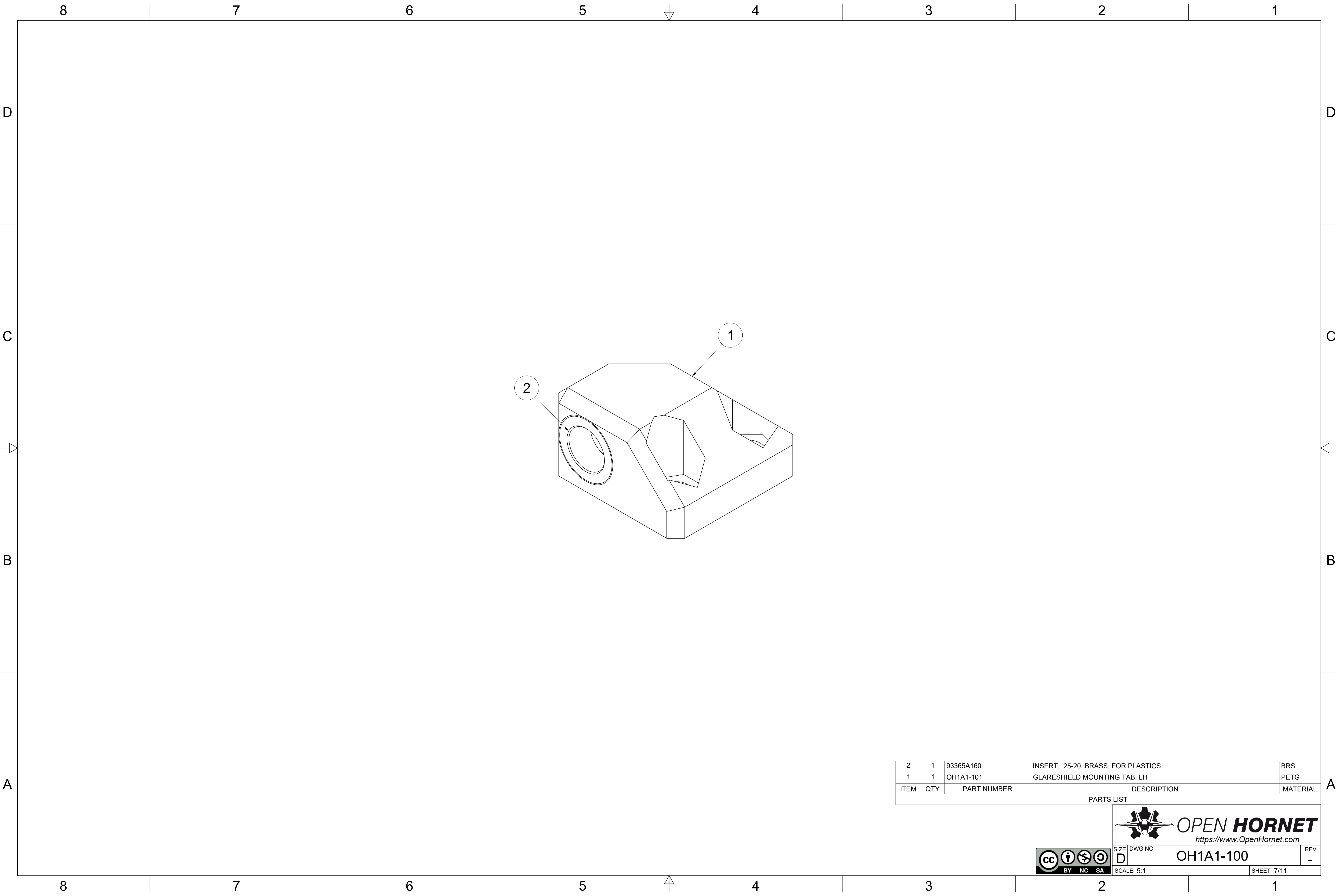
SIZE	DWG NO	REV
D	OH1A1-1	-
SCALE 1:4		SHEET 2/11



-1 ASSY
MDF STRUCTURE ASSEMBLY







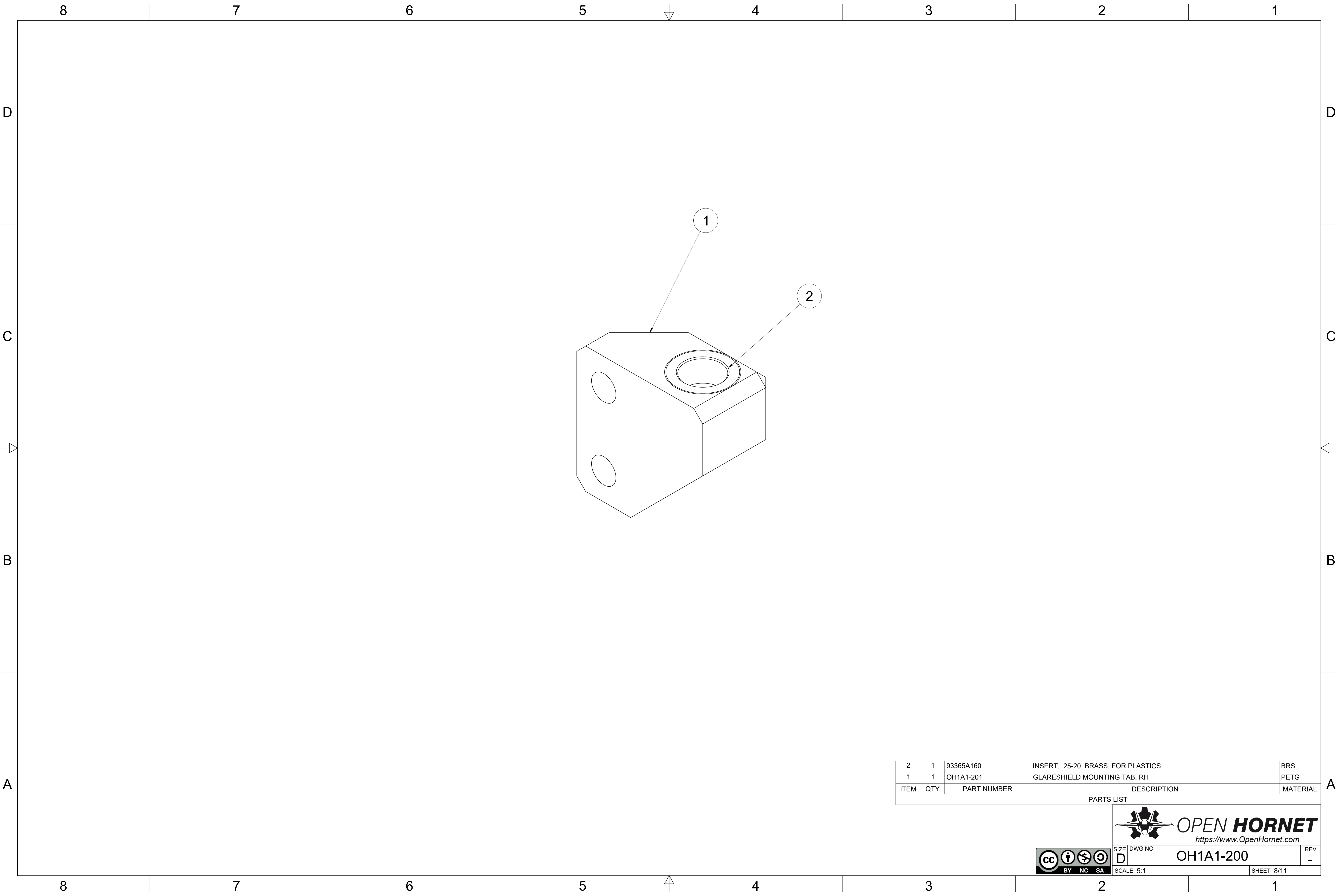
2	1	93365A160	INSERT, .25-20, BRASS, FOR PLASTICS	BRS
1	1	OH1A1-101	GLARESHIELD MOUNTING TAB, LH	PETG
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				





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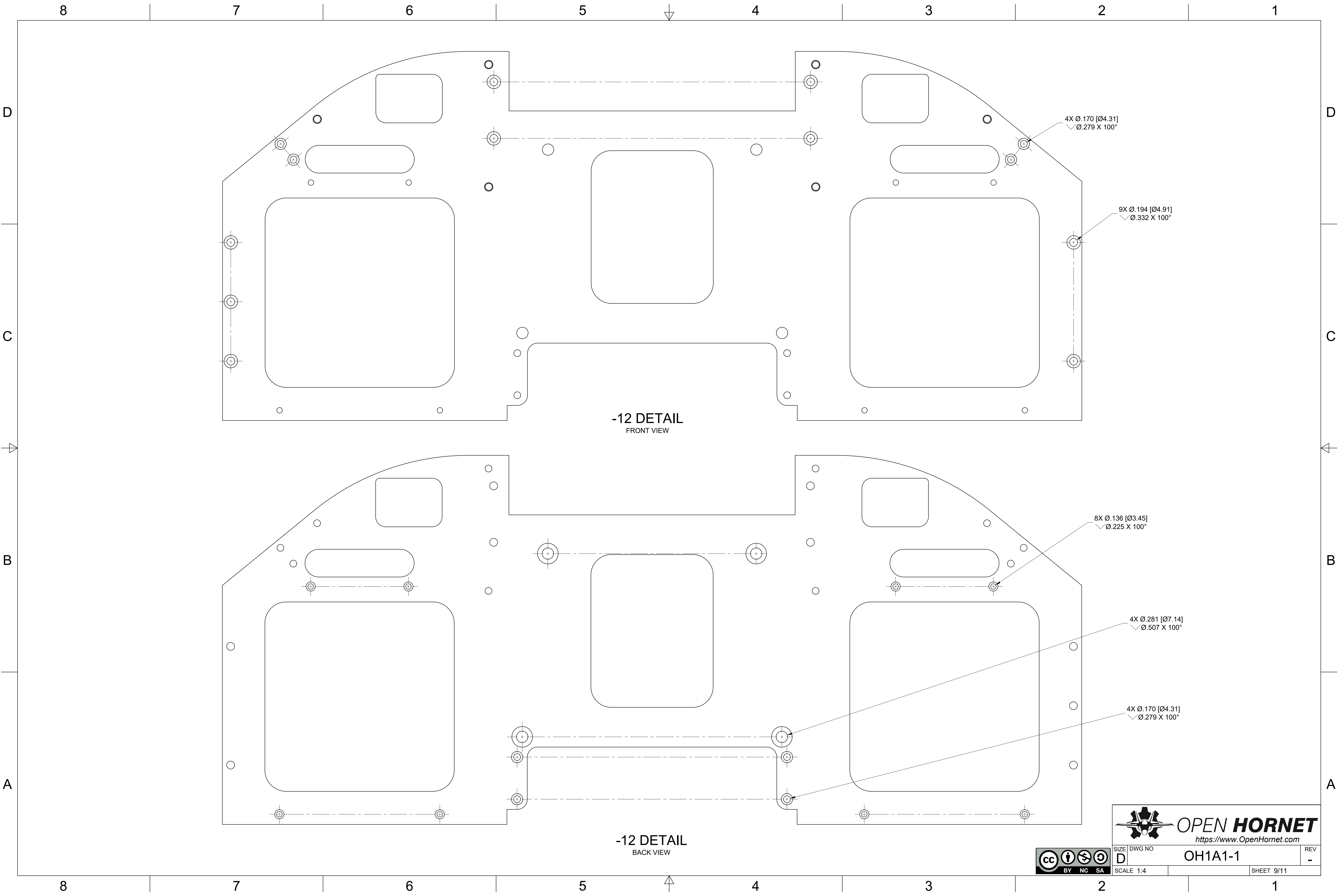
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D	OH1A1-100	-
SCALE 5:1		SHEET 7/11

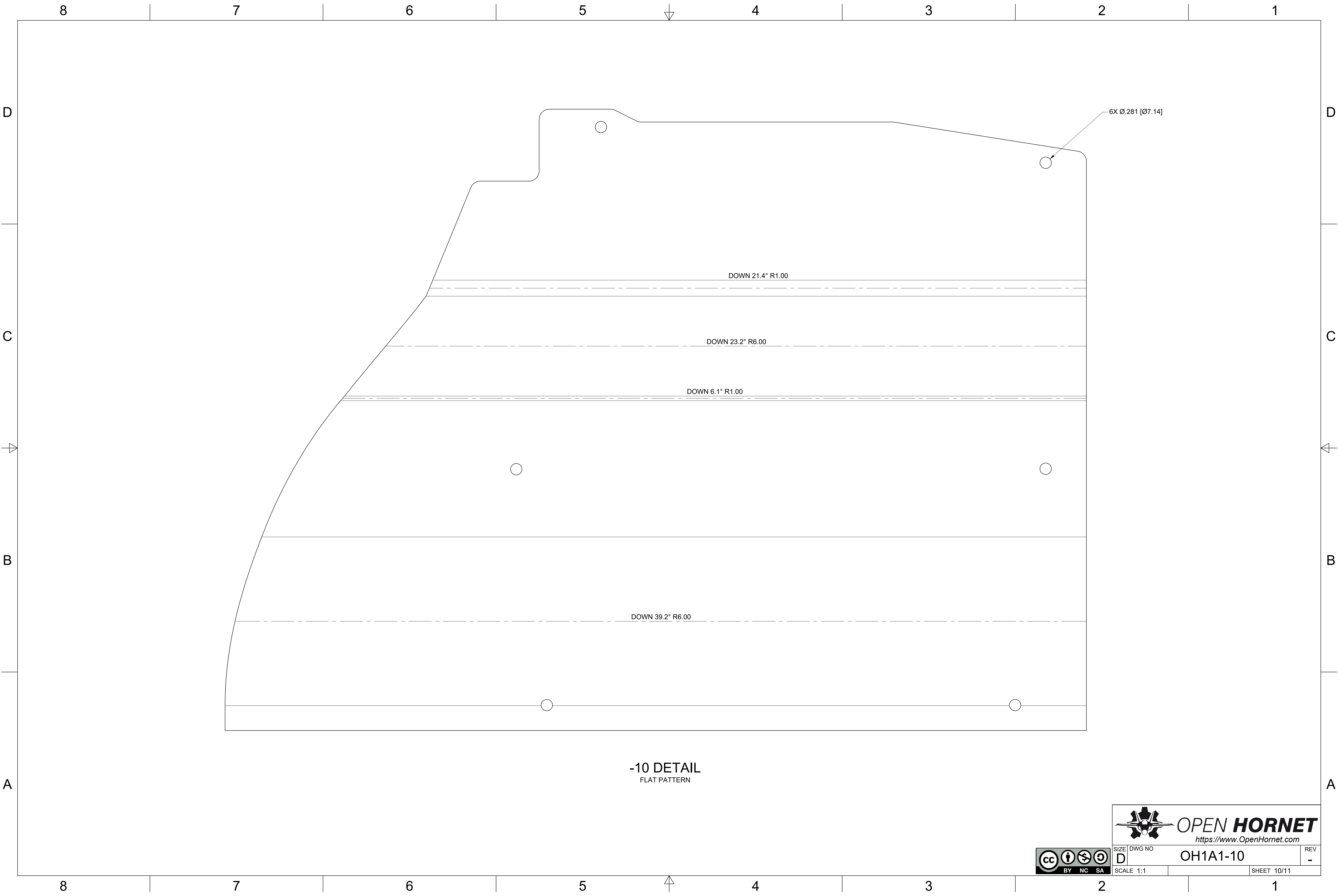


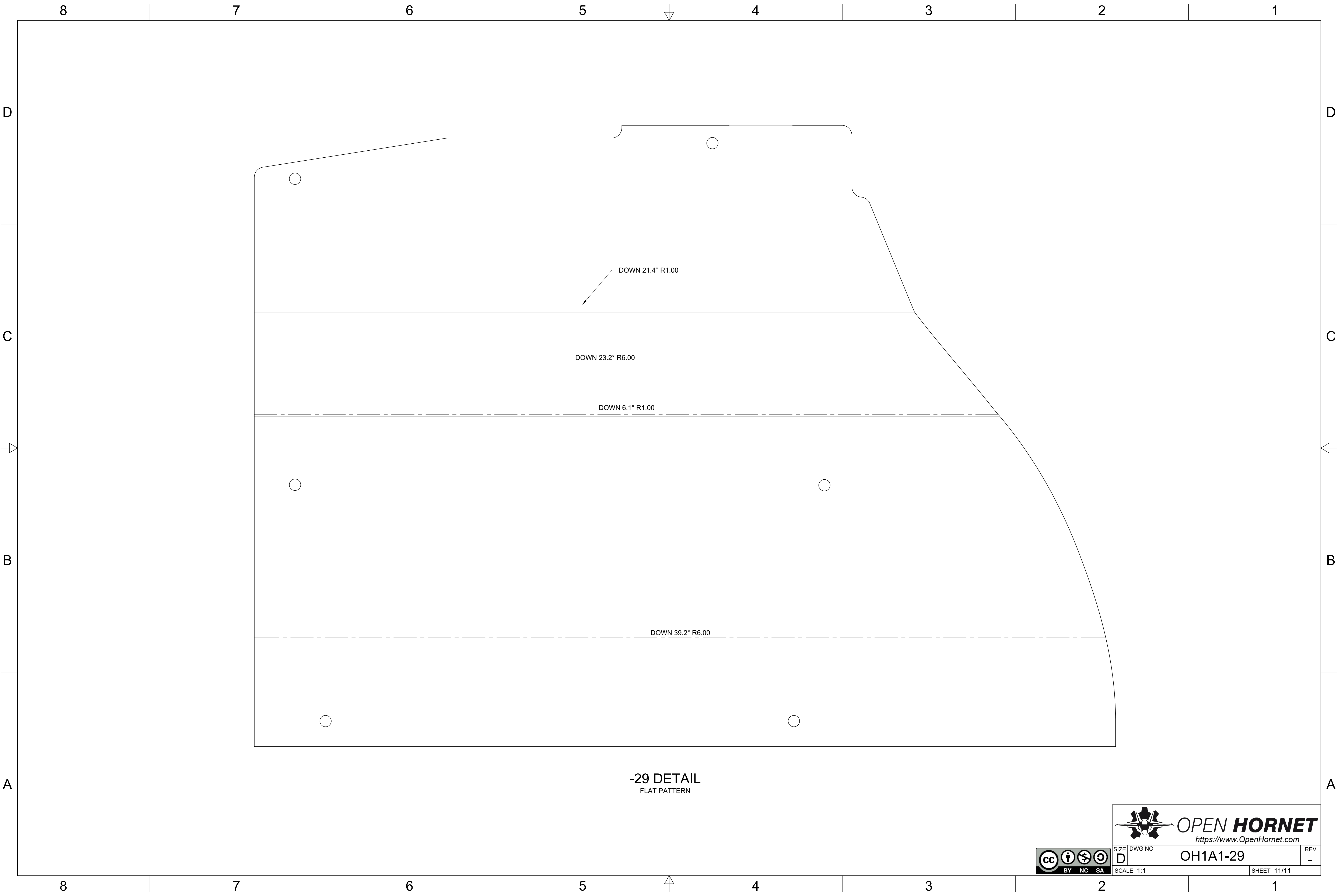
2	1	93365A160	INSERT, .25-20, BRASS, FOR PLASTICS	BRS
1	1	OH1A1-201	GLARESHIELD MOUNTING TAB, RH	PETG
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
PARTS LIST				



SIZE	DWG NO	REV
D	OH1A1-200	-
SCALE 5:1	SHEET 8/11	







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SIZE	DWG NO	REV	
D	OH1A1-29	-	
SCALE 1:1		SHEET 11/11	