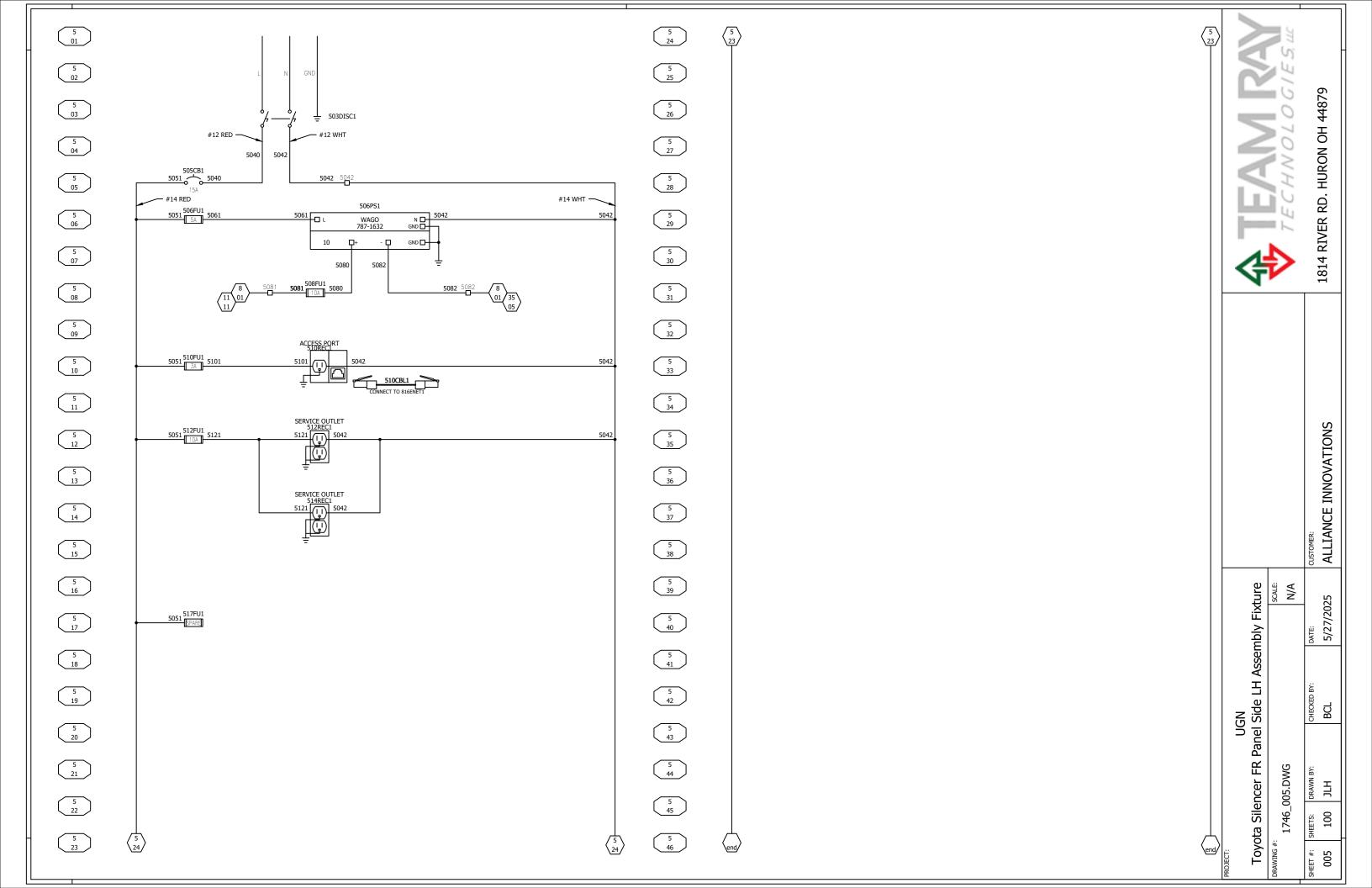
	TABLE O	F CONTENTS	
SHEET	DESCRIPTION	SHEET	DESCRIPTION
1		51	
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3		53	
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5	120VAC POWER DISTRIBUTION	55	
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8	24VDC POWER DISTRIBUTION	58	
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11	SAFETY	61	
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15	PLC EMBEDDED I/O	65	
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39		89	NETWORK LAYOUT
40	CABLE SHEET #1	90	PANEL LAYOUT (MAIN)
41		91	PANEL LAYOUT (HMI)
42		92	
43		93	
44		94	
45		95	TERMINAL LAYOUT
46		96	
47		97	
48		98	
49		99	
50		100	

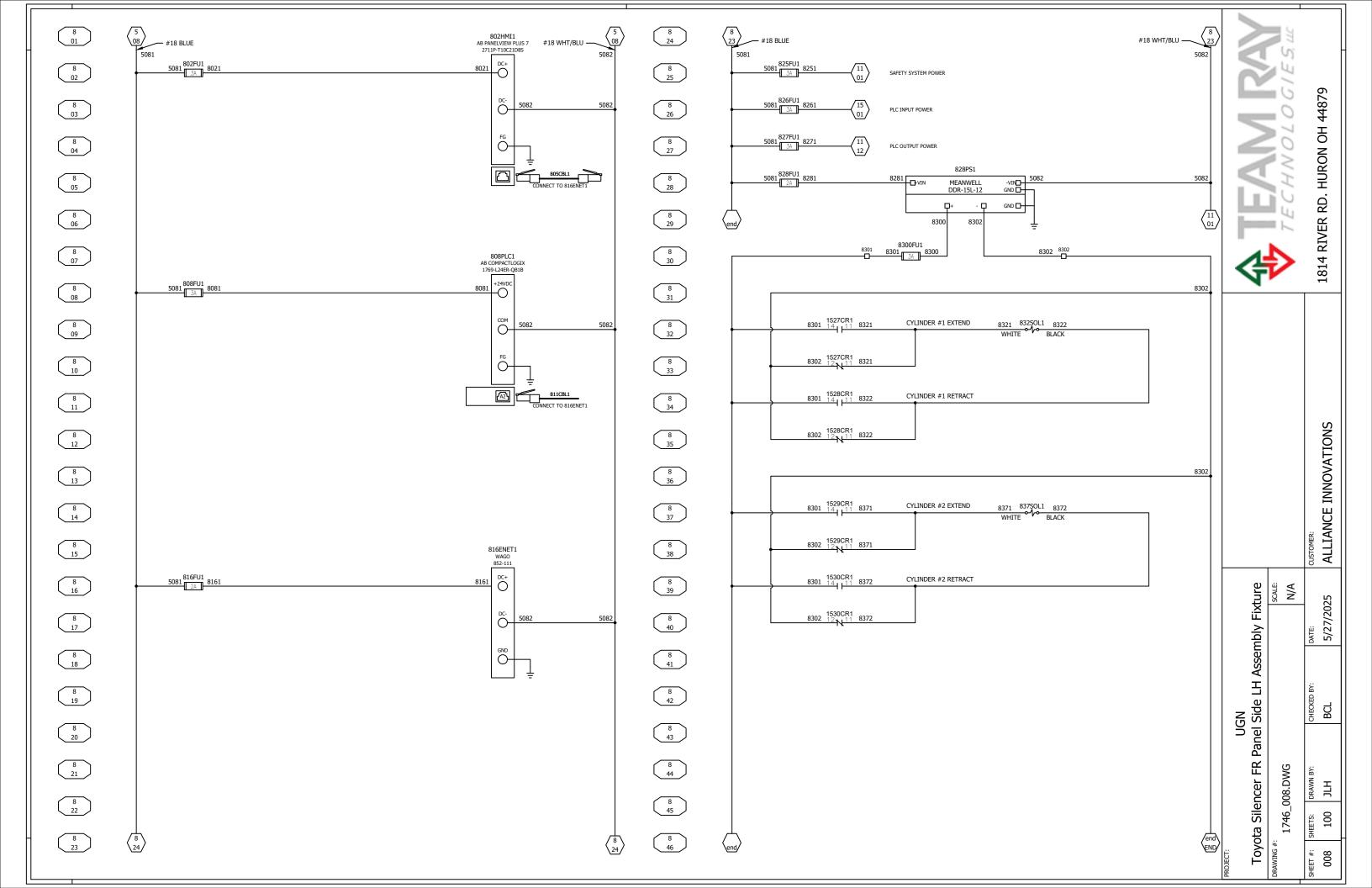
1746 - TOYOTA	SILENCER FR PANEL SIDE LH
VOLTS	120VAC, 1Φ, 60HZ
MAX AMPS	15 AMPS
FULL LOAD AMPS	12.68 AMPS

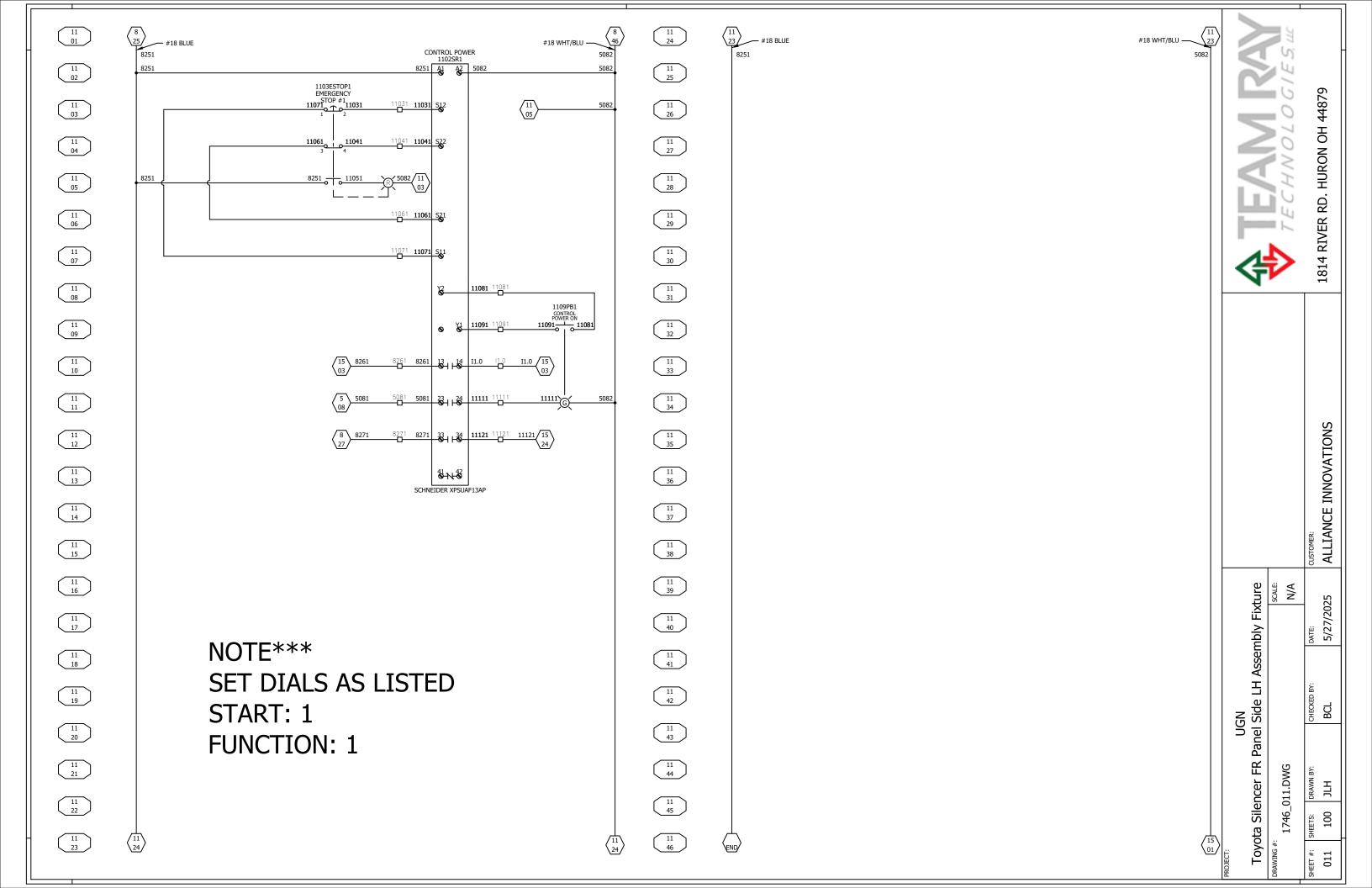
1814 RIVER RD. HURON OH 44879

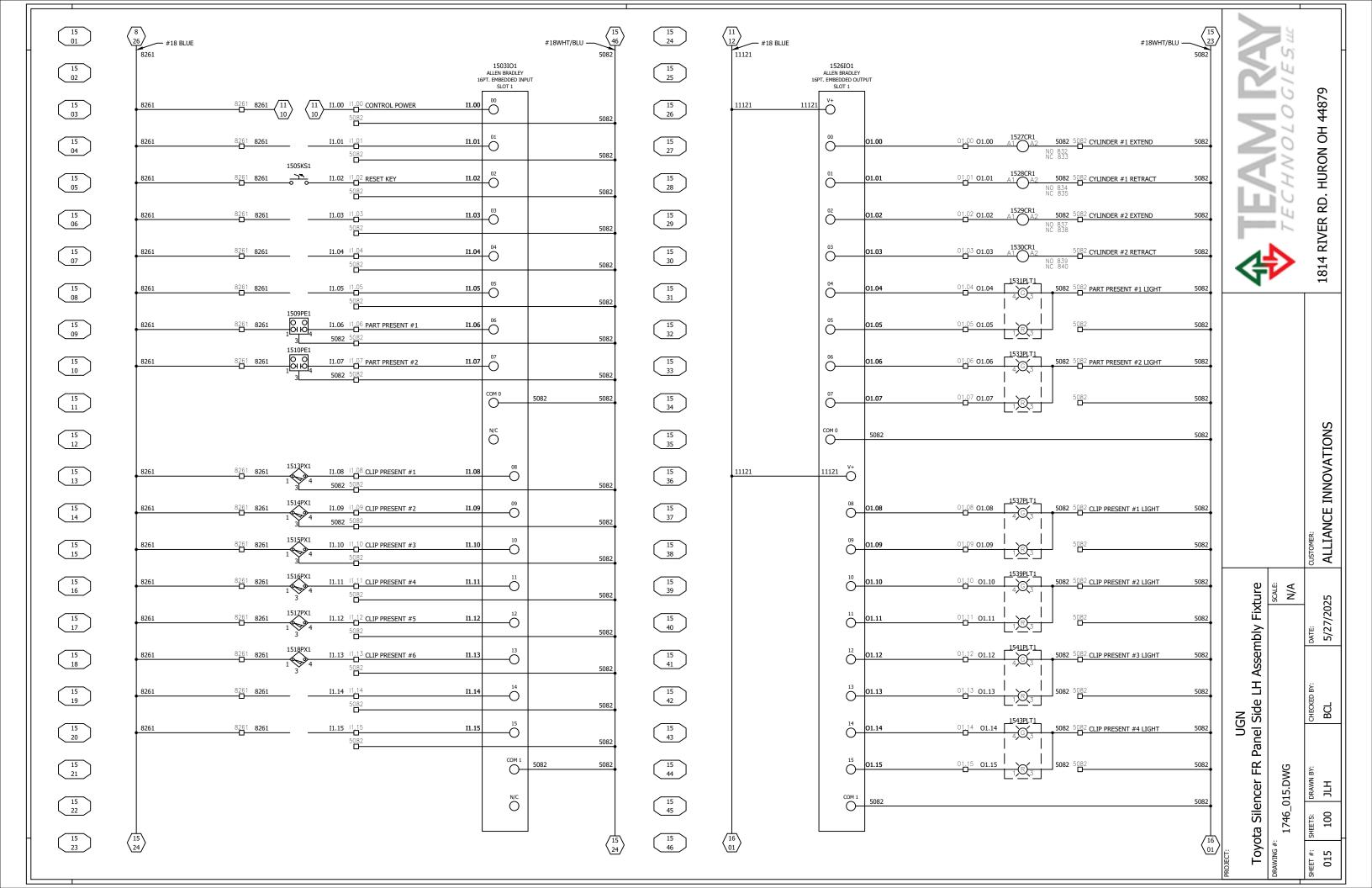
				CUSTOMER:	ALLIANCE
	xture	SCALE:	A/A		325
	nbly Fi			DATE:	1/17/2025
NBN	Side LH Asser			CHECKED BY:	BCL
S	Toyota Silencer FR Panel Side LH Assembly Fixture		1746_000.DWG	DRAWN BY:	JLH
	ota Sile		1746_0	SHEETS:	100 JLH
	Toyc	DRAWING #:		SHEET #:	000

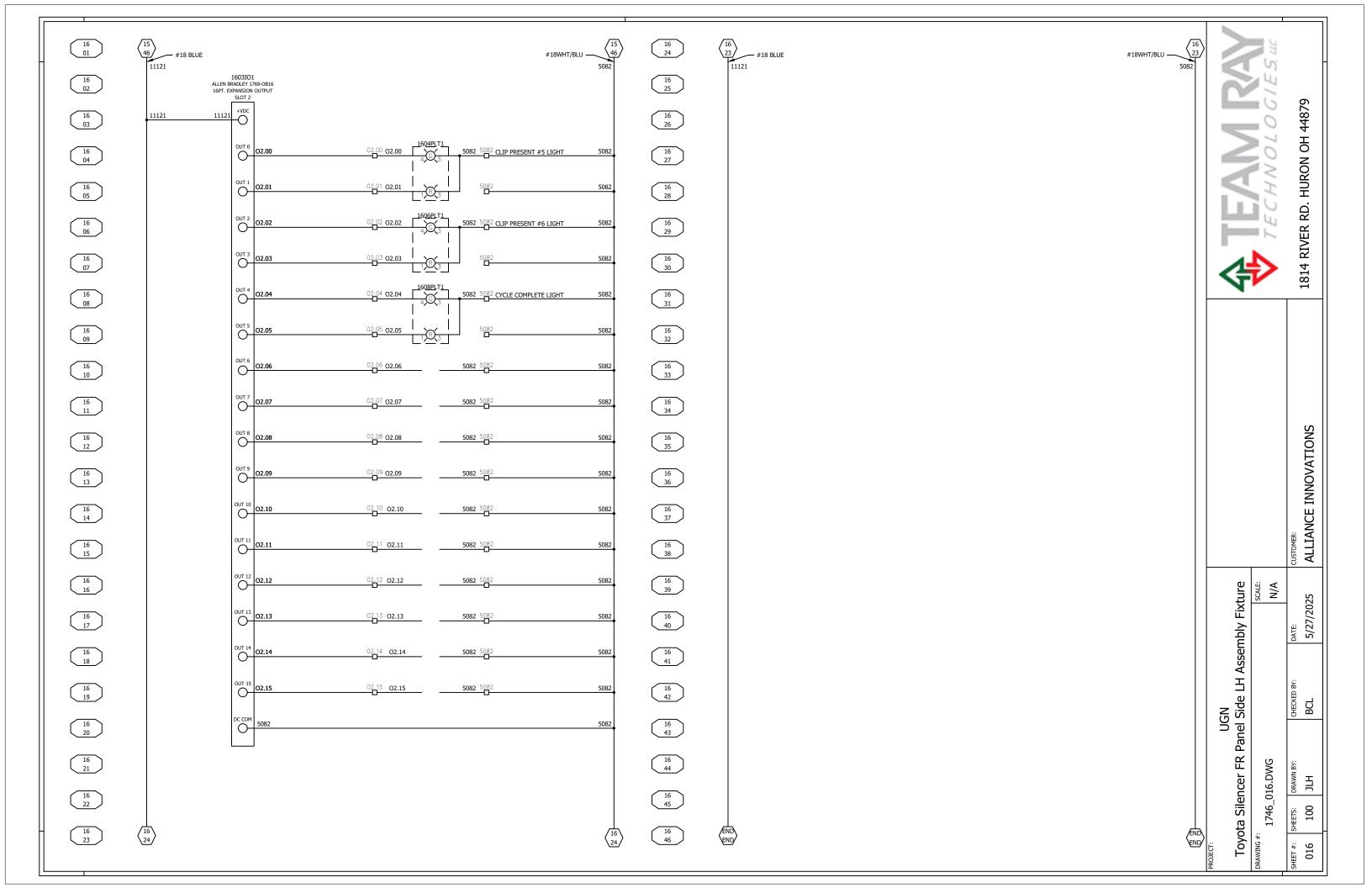
INNOVATIONS



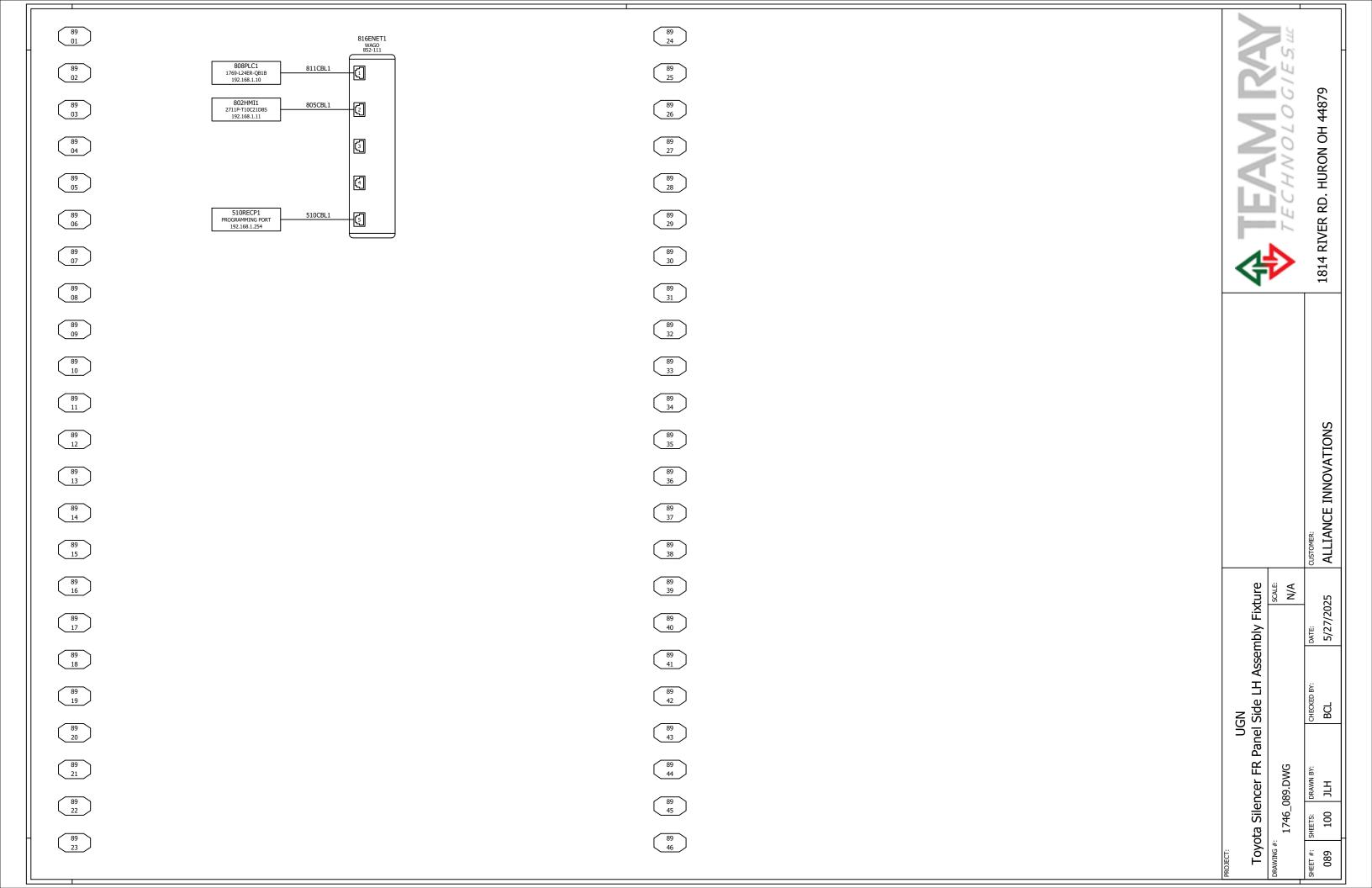


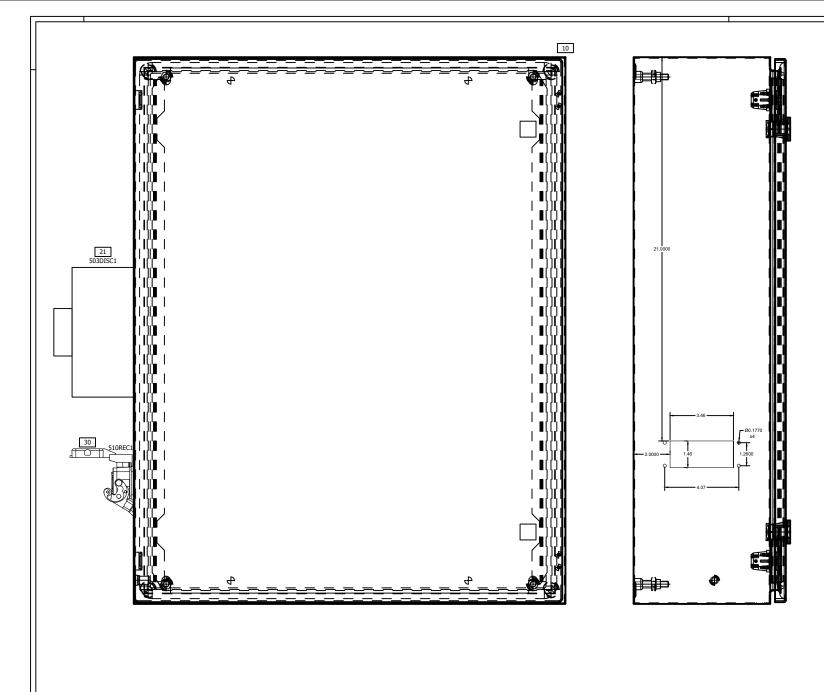












			1746 MAIN PANEL BOM
ITEM#	QUANTITY	PART NUMBER	DESCRIPTION
10	1	WM302408NC	RITTAL, 30X24X08 ENCLOSURE
20	1	194E-Y32-1753-6N	ALLEN-BRADLEY IEC 3-POLE BASE MOUNT NON-FUSED 32A DISCONNECT WITH PLASTIC BOX
30	1	ZP-PSA-16-101	AUTOMATION DIRECT, PANEL INTERFACE, 120VAC, RJ45 ETHERNET
40	1	787-1632	WAGO, 10A POWER SUPPLY, CLASSIC, 120-240 SINGLE PHASE, 24VDC
50	1	1769-L24ER-QB1B	ALLEN BRADLEY, PLC, COMPACTLOGIX
51	1	1769-OB16	ALLEN BRADLEY, 16PT OUTPUT MODULE
52	1	1769-ECR	ALLEN BRADLEY, END CAP
60	1	XPSUAF13AP	SCHNEIDER, SAFETY RELAY, ES, GUARD DOOR, LIGHT CURTAIN
70	1	852-111	WAGO, 5 PORT UN-MANGAGED ETHERNET SWITCH
80	1	M9F42115	SCHNEIDER, 15 AMP CB, THERMAL MAGNETIC, C-CURVE, SINGLE POLE
90	4	281-611	WAGO, AC FUSE HOLDER
91	3	281-311	WAGO, 281 SERIES FUSE HOLDER END BARRIER, GRAY
100	9	281-611/281-541	WAGO, DC FUSE HOLDER WITH INDICATOR
101	2	GMA-2-R	BUSSMANN, 2 AMP, FAST ACTING GLASS FUSE
102	6	GMA-3-R	BUSSMANN, 3 AMP, FAST ACTING GLASS FUSE
103	1	GMA-5-R	BUSSMANN, 5 AMP, FAST ACTING GLASS FUSE
104	2	GMA-10-R	BUSSMANN, 10 AMP, FAST ACTING GLASS FUSE
110	6	2002-1207	WAGO, GROUNDING TERMINAL BLOCK
111	8	2002-1291	WAGO, 2 CONDUCTOR TERMINAL BLOCK END CAP
120	33	2002-1201	WAGO, 2 CONDUCTOR BASIC TERMINAL BLOCK
130	21	249-116	WAGO, SCREWLESS END ANCHOR
140	16	2002-2201	WAGO, DOUBLE DECK TERMINAL BLOCK
141	1	2002-2291	WAGO, DOUBLE DECK TERMINAL BLOCK END CAP
150	16	2002-2301	WAGO, TRIPLE DECK TERMINAL BLOCK
151	1	2002-2391	WAGO, TRIPLE DECK TERMINAL BLOCK END CAP
160	4	857-304	WAGO, 24V RELAY
170	44"	G1X3LG6	PANDUIT, 1" x 3" WIREDUCT
171	44"	C1LG6-F	PANDUIT, 1" x 3" WIREDUCT COVER
172	81"	G2X3LG6	PANDUIT, 2" x 3" WIREDUCT
172	81"	C2LG6-F	PANDUIT, 2" x 3" WIREDUCT COVER
180	54"	199-DR1	ALLEN BRADLEY, DIN RAIL, SLOTTED, ZINC PLATED STEEL, 35MM X 7.5MM
190	1	DDR-15L-12	MEAN WELL, 24VDC TO 12VDC CONVERTER, 15W, 1.25A

1" X 3" WIRE DUCT 170 171

2" X 3" WIRE DUCT

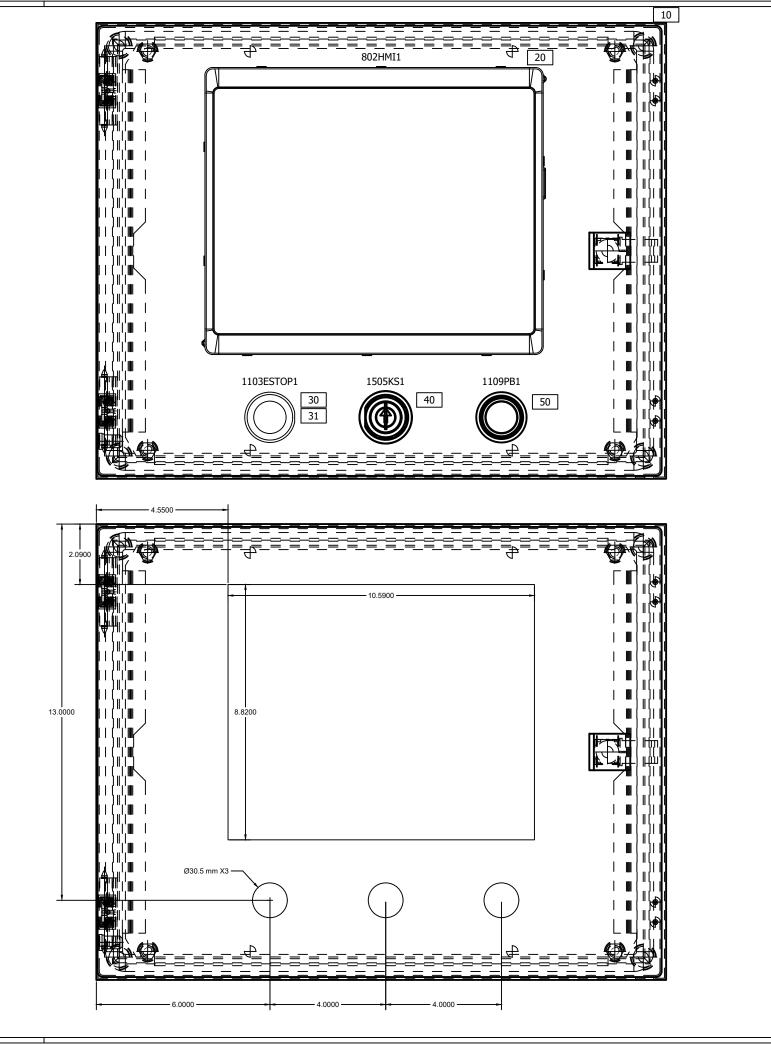
2" X 3" WIRE DUCT

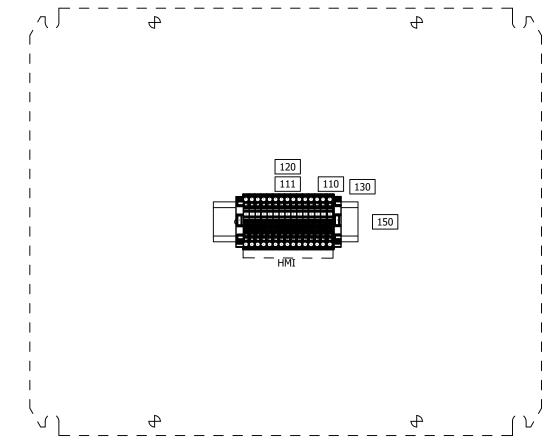
2" X 3" WIRE DUCT 172 173

140 141

2" X 3" WIRE DUCT

					✓ TECHNOLOGIES IEC		1814 RIVER RD. HURON OH 44879	
						CUSTOMER:	ALLIANCE INNOVATIONS	
			nbly Fixture	SCALE:	N/A	DATE:	5/27/2025	
	ыест: UGN Toyota Silencer FR Panel Side LH Assembly Fixture				CHECKED BY:	BCL		
			UCcer FR Panel		1746_090.DWG	DRAWN BY:	ЛГН	
			ota Sile		1746_(SHEET #: SHEETS: DRAWN BY:	100 JLH	
	PROJECT:		Toyc	DRAWING #:		SHEET #:	060	





		1746 H	MI PANEL BOM
ITEM#	QUANTITY	PART NUMER	DESCRIPTION
10	1	WM162006NC	RITTAL 16X20X06 ENCLOSURE, HMI
20	1	2711P-T10C21D8S	ALLEN BRADLEY PANELVIEW PLUS 7, STANDARD, 10"
30	1	800T-FXQ24RA1	ALLEN BRADLEY ILLUMINATED E-STOP SWITCH
31	1	800T-XD6	ALLEN BRADLEY MINI NORMALLY CLOSED CONTACT BLOCK
40	1	800T-H48D1	ALLEN BRADLEY, RESET KEY SWITCH
50	1	800T-QA24GD1	ALLEN BRADLEY, GUARDED PBLT, GREEN, CONTROL POWER ON
		800T-H48D1	ALLEN BRADLEY, RESET KEY SWITCH
110	1	2002-1207	WAGO, GROUNDING TERMINAL BLOCK
111	2	2002-1291	WAGO, 2 CONDUCTOR TERMINAL BLOCK END CAP
120	14	2002-1201	WAGO, 2 CONDUCTOR BASIC TERMINAL BLOCK
130	2	249-116	WAGO, SCREWLESS END ANCHOR
150	5"	199-DR1	ALLEN BRADLEY, 35 MM DINRAIL

ON	PROJECT:	NBN	Toyota Silencer FR Panel Side LH Assembly Fixture
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		A/N
DRAWN BY:	CHECKED BY:	DATE:
100 ЛГН	BCL	5/27/2025
DRA JL	4 BY:	N BY:

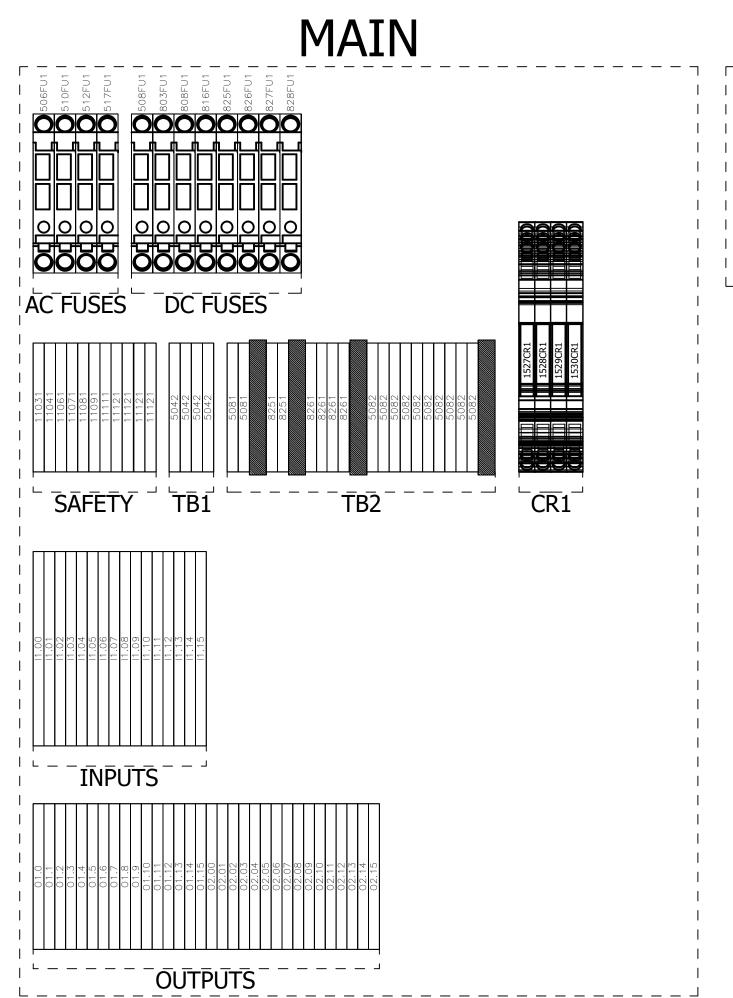
SCALE:

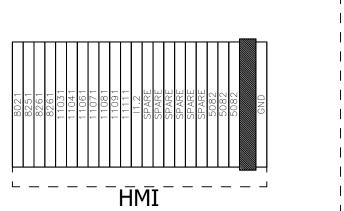
CHECKED	BCL	
DRAWN BY:	ЭГН	
SHEETS:	100	
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CUSTOWER:
ALLIANCE INNOVATIONS

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1814 RIVER RD. HURON OH 44879





HMI

PROJECT: UGN Toyota Silencer FR Panel Side LH Assembly Fixture DRAWING #: 1746_095.DWG SHEET #: SHEETS: DRAWN BY: CHECKED BY: DATE: O95 100 JLH BCL ASSEMBLY FIXTURE ALLIANCE INNOVATIONS ALLIANCE INNOVATIONS	WO FIVELY		TECHNOLOGIES		1814 RIVER RD. HURON OH 44879	
UGN Ranel Side LH Assembly Fixt GHECKED BY: BCL 5/27/202				CUSTOMER:	ALLIANCE INNOVATIONS	
PROJECT: UGN Toyota Silencer FR Panel Side LH Assem DRAWING #: 1746_095.DWG SHEET #: PRAWN BY: CHECKED BY: 100 JLH BCL		ıbly Fixture	SCALE:	DATE:	5/27/2025	
PROJECT: UC Toyota Silencer FR Panel DRAWING #: 1746_095.DWG SHEET #: BREETS: BRAWN BY: 095 100 JLH	N5	iN Side LH Assemk	iN Side LH Assen			
PROJECT: Toyota Siler DRAWING #: 1746_0 SHEET #: SHEETS: 095 100) N	ncer FR Panel	95.DWG	DRAWN BY:	ЭГН	
PROJECT: TOYC DRAWING #: SHEET #:		ota Silen 1746_09		SHEETS:	100	
	PROJECT:	Toyc	DRAWING #:	SHEET #:	095	