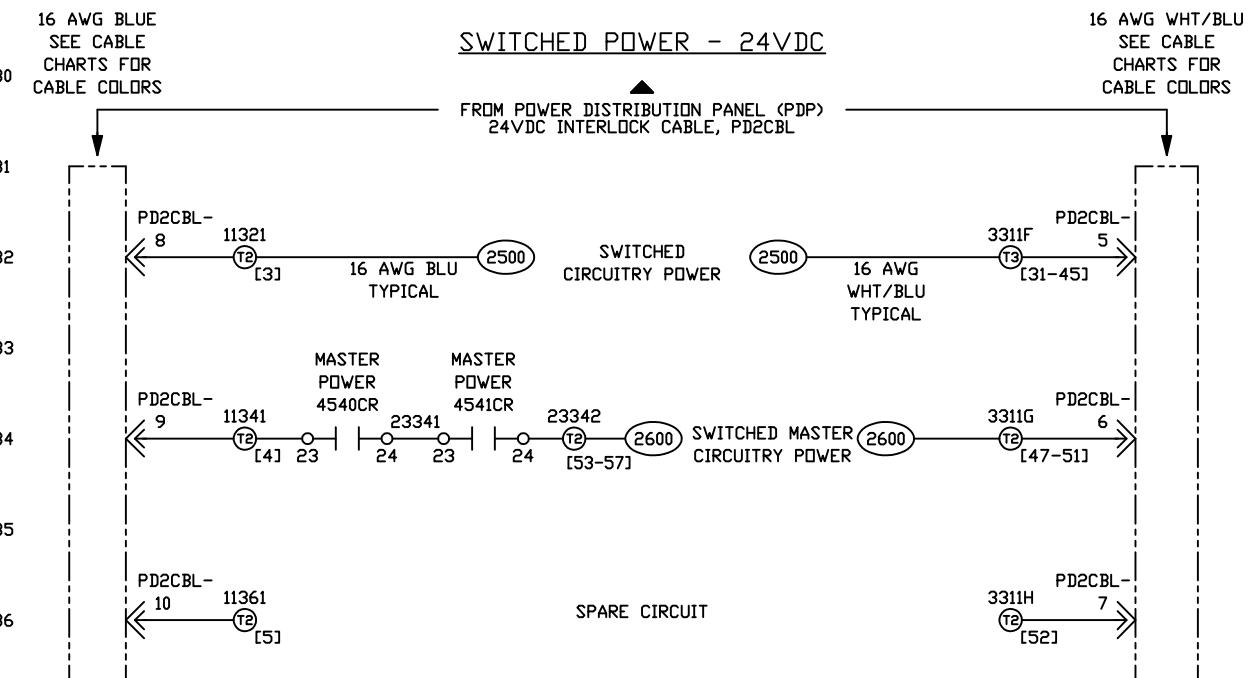
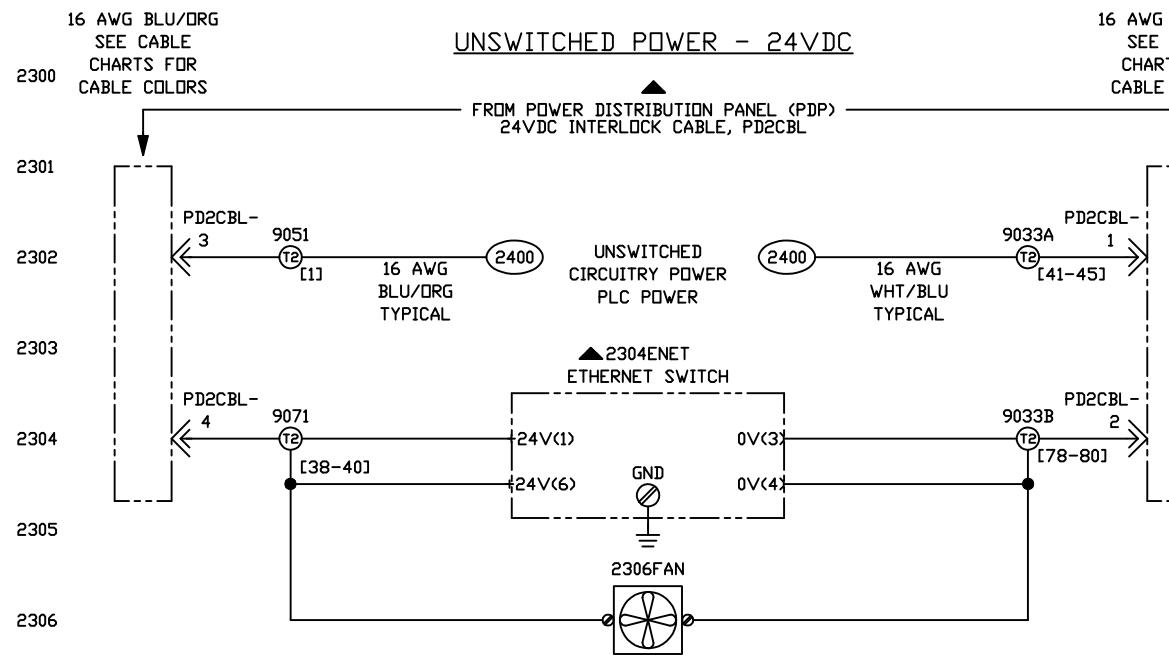


CUSTOMER FCA		FACILITY/LOCATION AREA/ZONE:	PROJECT/PACKAGE DESCRIPTION 2470 - Stellaris WiFi SMART Inspect	DATE 04/22/22	BY BM
			TITLE: PROGRAMMABLE AUTOMATION CONTROLLER (PAC) INTERCONNECTION DIAGRAM	APPROVED: BM	
<p><b>LEGEND</b></p> <p>THIS DRAWING AND THE INFORMATION CONTAINED THEREIN IS THE EXCLUSIVE PROPERTY OF INOVISION, INC. ANY UNAUTHORIZED USE OF THIS DRAWING AND ITS CONTENTS WITHOUT THE WRITTEN CONSENT OF INOVISION, INC. WILL BE SUBJECT TO PROSECUTION.</p>					
RELEASE -	STW A	DESCRIPTION INITIAL RELEASE			
RELEASE -	STW B	DESCRIPTION MOD BUILD UPDATE			
RELEASE -	STW C	DESCRIPTION INSTALL UPDATE			
RELEASE -	STW D	DESCRIPTION FINAL AS BUILT			

2200		2230
2201		2231
2202		2232
2203		2233
2204		2234
2205		2235
2206		2236
2207		2237
2208		2238
2209		2239
2210		2240
2211		2241
2212		2242
2213		2243
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2218		2248
2219		2249
2220		2250

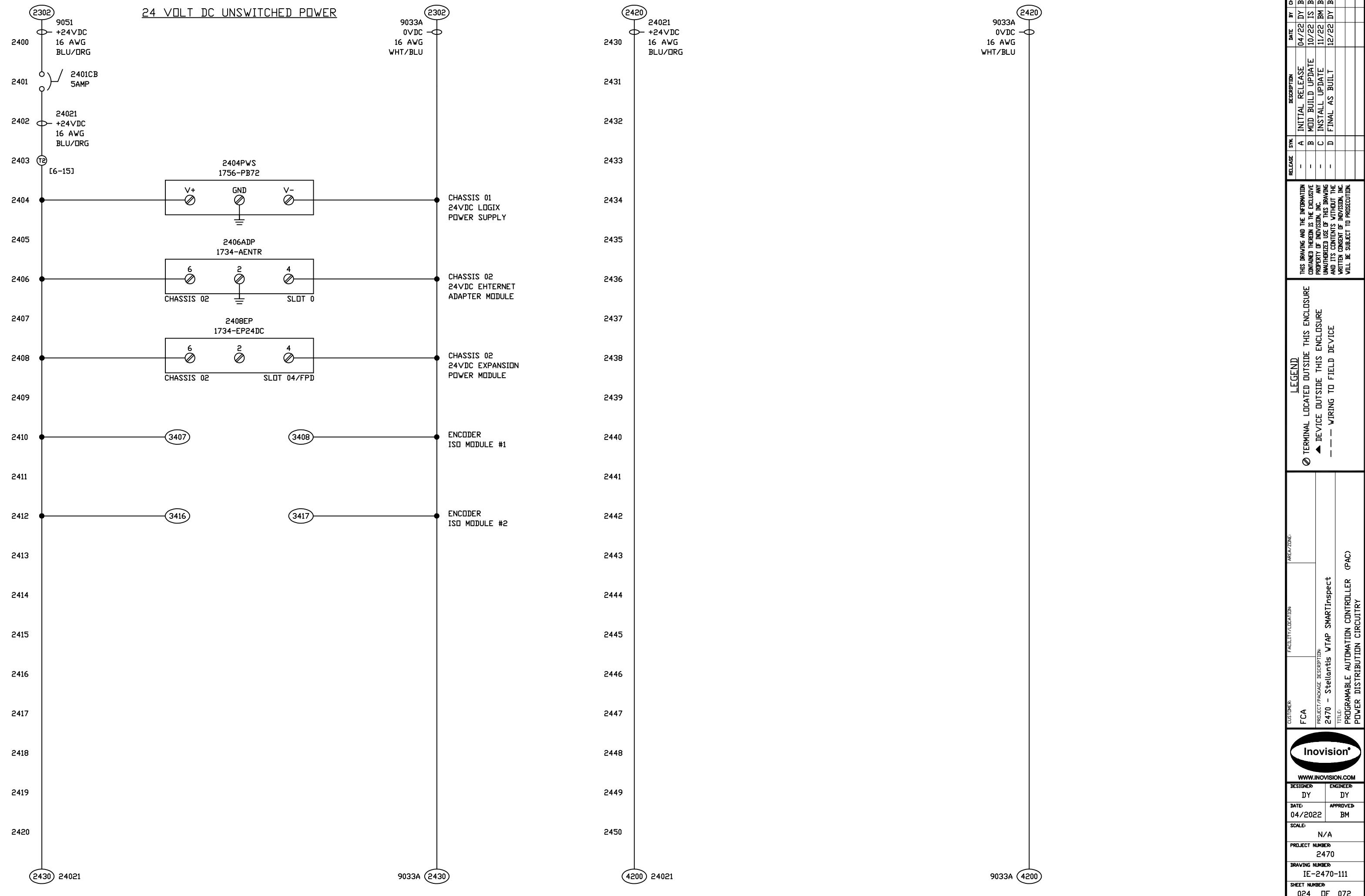
CUSTOMER: FCA	FACILITY/LOCATION  	AREA/ZONE:	LEGEND   TERMINAL LOCATED OUTSIDE THIS ENCLURE  DEVICE OUTSIDE THIS ENCLURE  — WIRING TO FIELD DEVICE	PROJECT/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTinspect	THIS DRAWING AND THE INFORMATION CONTAINED THEREIN IS THE EXCLUSIVE PROPERTY OF INOVISION, INC. ANY UNAUTHORIZED USE OF THIS DRAWING AND ITS CONTENTS WITHOUT THE WRITTEN CONSENT OF INOVISION, INC. WILL BE SUBJECT TO PROSECUTION.	RELEASE SYM.	DESCRIPTION	DATE BY CHK.
 <b>www.inovision.com</b> DESIGNER: DY ENGINEER: DY DATE: 04/2022 APPROVED: BM SCALE: N/A PROJECT NUMBER: 2470 DRAWING NUMBER: IE-2470-111 SHEET NUMBER: 022 OF 072								

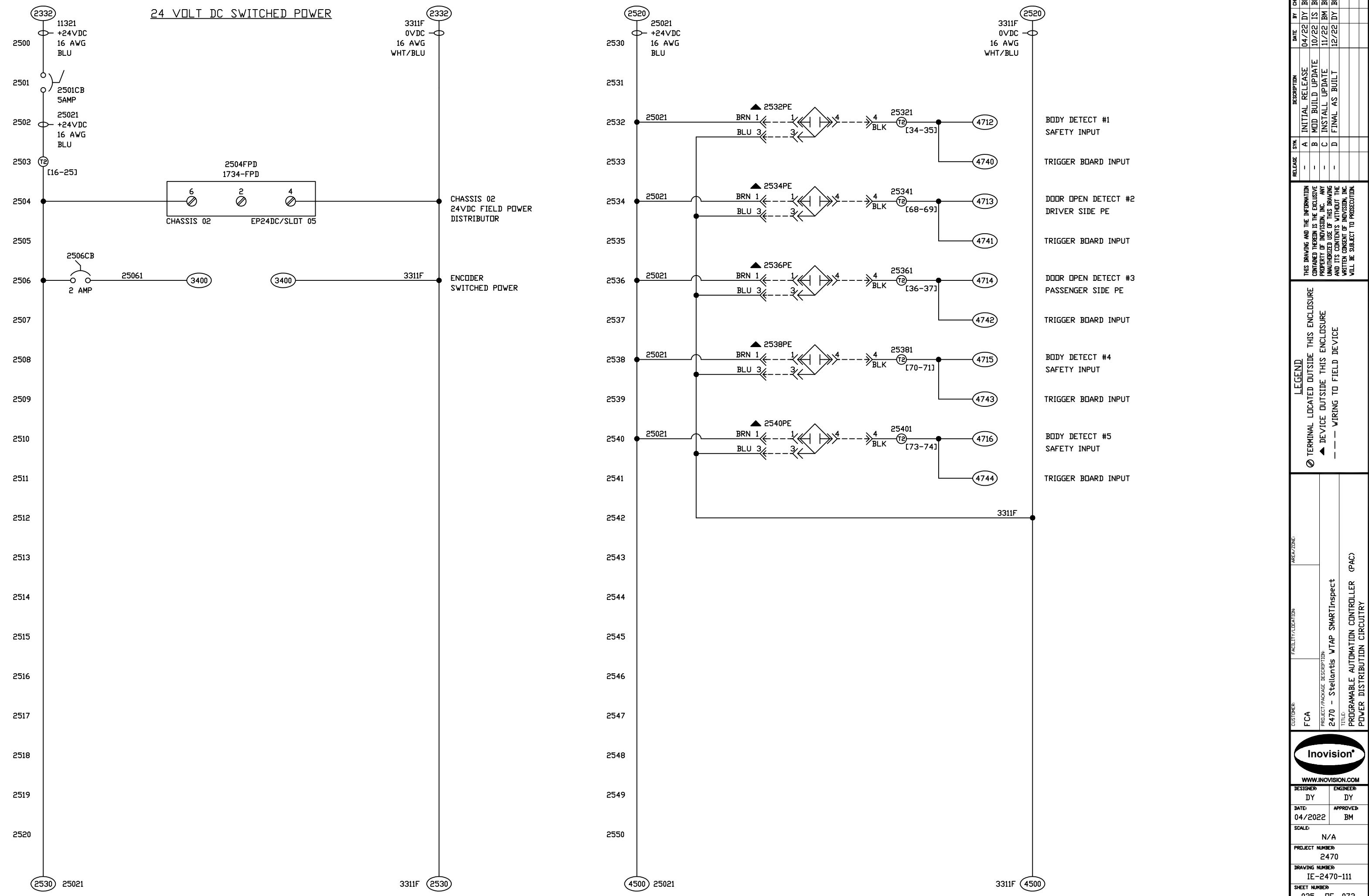


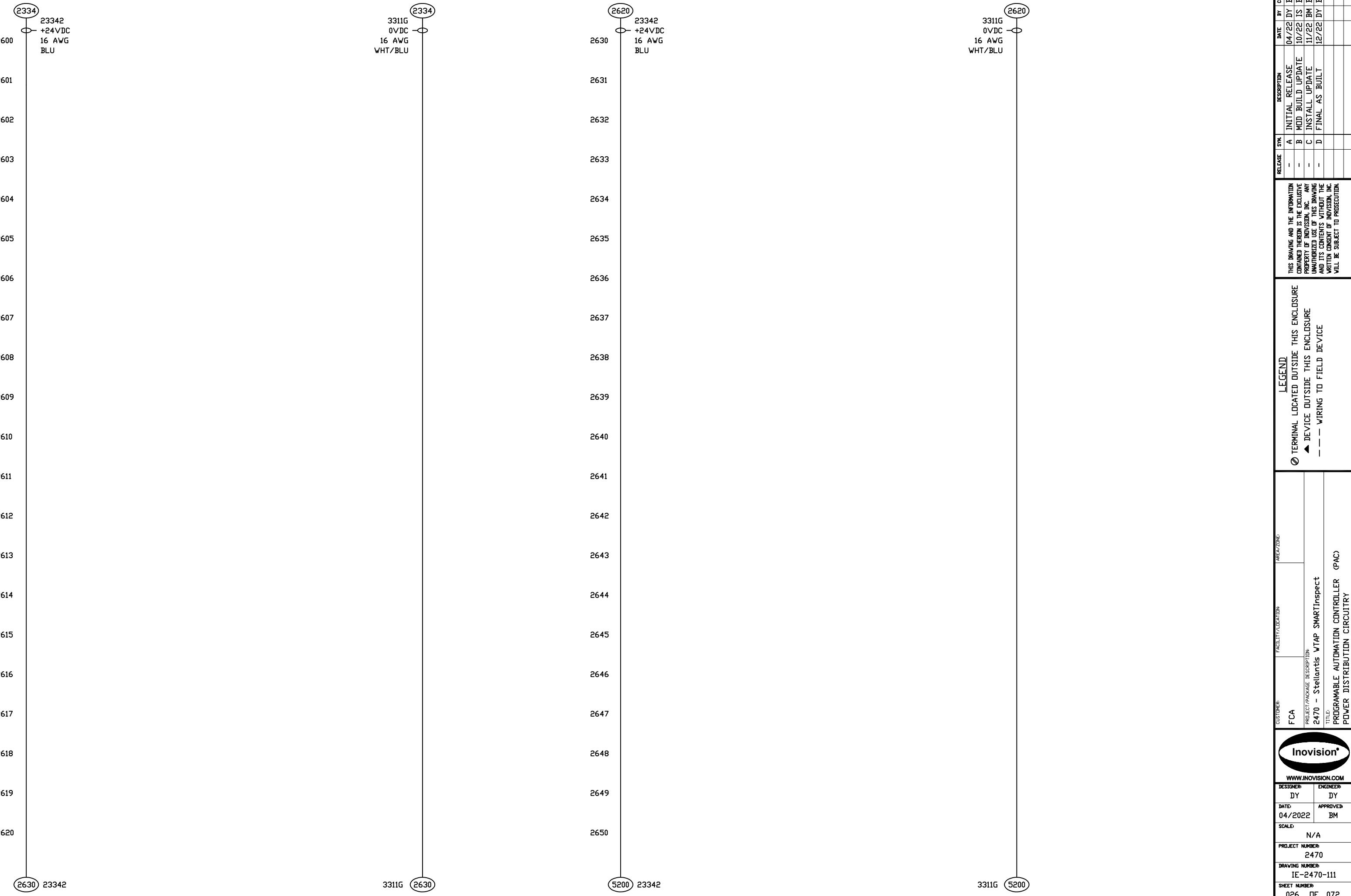
WRITTEN CONSENT OF INDIVIDUALS, INC.  
AND ITS CLIENTS WITHOUT THE  
WILL BE SUBJECT TO PROSECUTION.

THERMOCHEMISTRY

CUSTOMER: FCA		FACILITY/LOCATION  PROJECT/PACKAGE DESCRIPTION:  2470 - Stellantis WTAP SMARTInspect	AREA/A/ZONE
TITLE:  PROGRAMMABLE AUTOMATION CONTROLLER (PAC) POWER DISTRIBUTION CIRCUITRY			
 <p><b>Inovision®</b></p> <p><a href="http://WWW.INOVISION.COM">WWW.INOVISION.COM</a></p>			
DESIGNER: DY	ENGINEER: DY		
DATE: 04/2022	APPROVED: BM		
SCALE: N/A			
PROJECT NUMBER: 2470			
DRAWING NUMBER: IE-2470-111			
SHEET NUMBER: 023 DF 072			



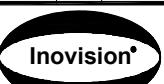




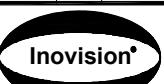
2700		2730
2701		2731
2702		2732
2703		2733
2704		2734
2705		2735
2706		2736
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2708		2738
2709		2739
2710	SPARE SHEET	2740
2711		2741
2712		2742
2713		2743
2714		2744
2715		2745
2716		2746
2717		2747
2718		2748
2719		2749
2720		2750

CUSTOMER:	FCA	FACILITY/LOCATION	AREA/ZONE:	RELEASE SYM.	DESCRIPTION	DATE BY CHK.												
				- A	INITIAL RELEASE	04/22 DY BM												
				- B	MOD BUILD UPDATE	10/22 IS BM												
				- C	INSTALL UPDATE	11/22 BM BM												
				- D	FINAL AS BUILT	12/22 DY BM												
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 <p>WWW.INOVISION.COM</p> <table border="1"> <tr> <td>DESIGNER: DY</td> <td>ENGINEER: DY</td> </tr> <tr> <td>DATE: 04/2022</td> <td>APPROVED: BM</td> </tr> <tr> <td>SCALE: N/A</td> <td></td> </tr> <tr> <td>PROJECT NUMBER: 2470</td> <td></td> </tr> <tr> <td>DRAWING NUMBER: IE-2470-111</td> <td></td> </tr> <tr> <td>SHEET NUMBER: 027 OF 072</td> <td></td> </tr> </table>							DESIGNER: DY	ENGINEER: DY	DATE: 04/2022	APPROVED: BM	SCALE: N/A		PROJECT NUMBER: 2470		DRAWING NUMBER: IE-2470-111		SHEET NUMBER: 027 OF 072	
DESIGNER: DY	ENGINEER: DY																	
DATE: 04/2022	APPROVED: BM																	
SCALE: N/A																		
PROJECT NUMBER: 2470																		
DRAWING NUMBER: IE-2470-111																		
SHEET NUMBER: 027 OF 072																		

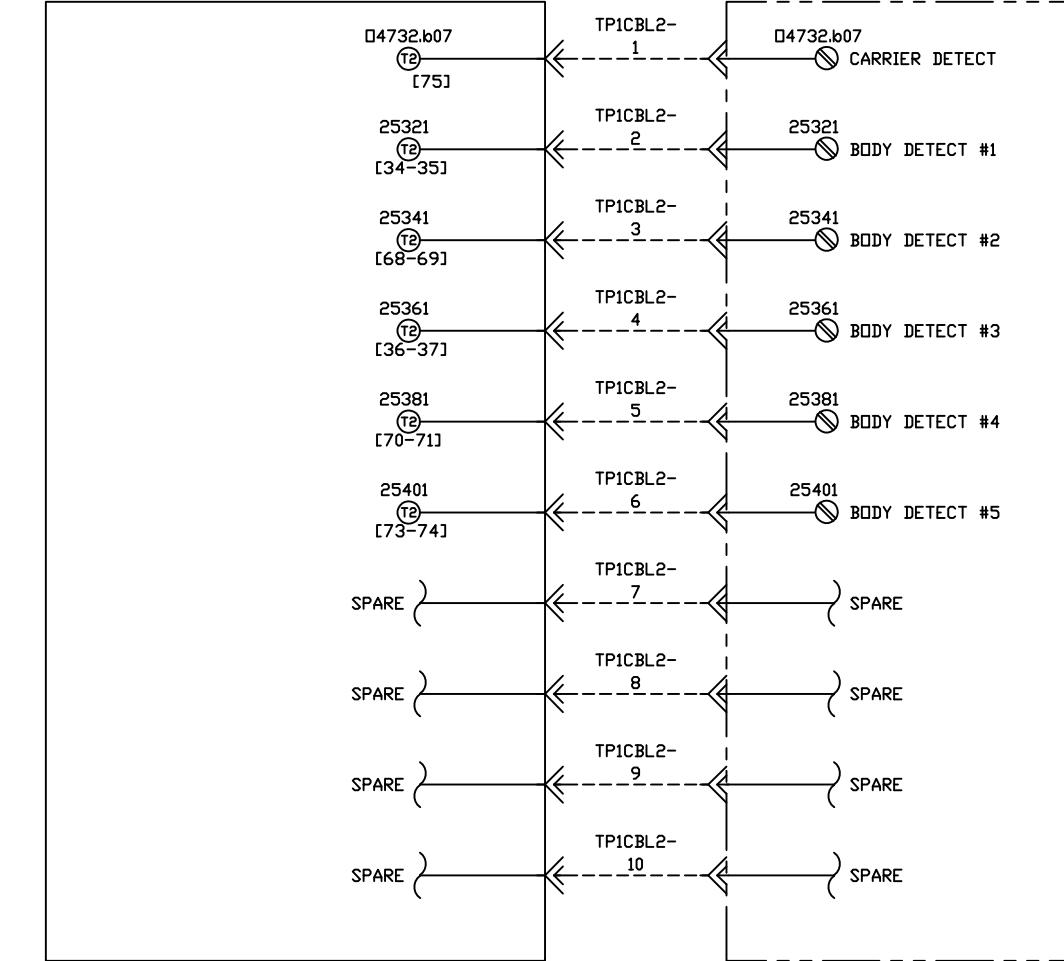
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2803		2833
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2808		2838
2809		2839
2810	SPARE SHEET	2840
2811		2841
2812		2842
2813		2843
2814		2844
2815		2845
2816		2846
2817		2847
2818		2848
2819		2849
2820		2850

CUSTOMER: FCA	FACILITY/LOCATION  PROJECT/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTinspect	AREA/ZONE:  TITLE: PROGRAMMABLE AUTOMATION CONTROLLER (PAC) SPARE SHEET	LEGEND		THIS DRAWING AND THE INFORMATION CONTAINED THEREIN IS THE EXCLUSIVE PROPERTY OF INOVISION, INC. ANY UNAUTHORIZED USE OF THIS DRAWING AND ITS CONTENTS WITHOUT THE WRITTEN CONSENT OF INOVISION, INC. WILL BE SUBJECT TO PROSECUTION.	DATE BY CHG. 04/22 DY BM
			RELEASE	SYN.		
		- A	INITIAL RELEASE			
		- B	MOD. BUILD UPDATE			
		- C	INSTALL UPDATE			
		- D	FINAL AS BUILT			
◀ DEVICE OUTSIDE THIS ENCLosURE — — WIRING TO FIELD DEVICE						
 <a href="http://WWW.INOVISION.COM">WWW.INOVISION.COM</a>						
DESIGNER: DY	ENGINEER: DY					
DATE: 04/2022	APPROVED: BM					
SCALE: N/A						
PROJECT NUMBER: IE-2470-111						
SHEET NUMBER: 028 DF 072						

2900		2930
2901		2931
2902		2932
2903		2933
2904		2934
2905		2935
2906		2936
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2909		2939
2910	SPARE SHEET	2940
2911		2941
2912		2942
2913		2943
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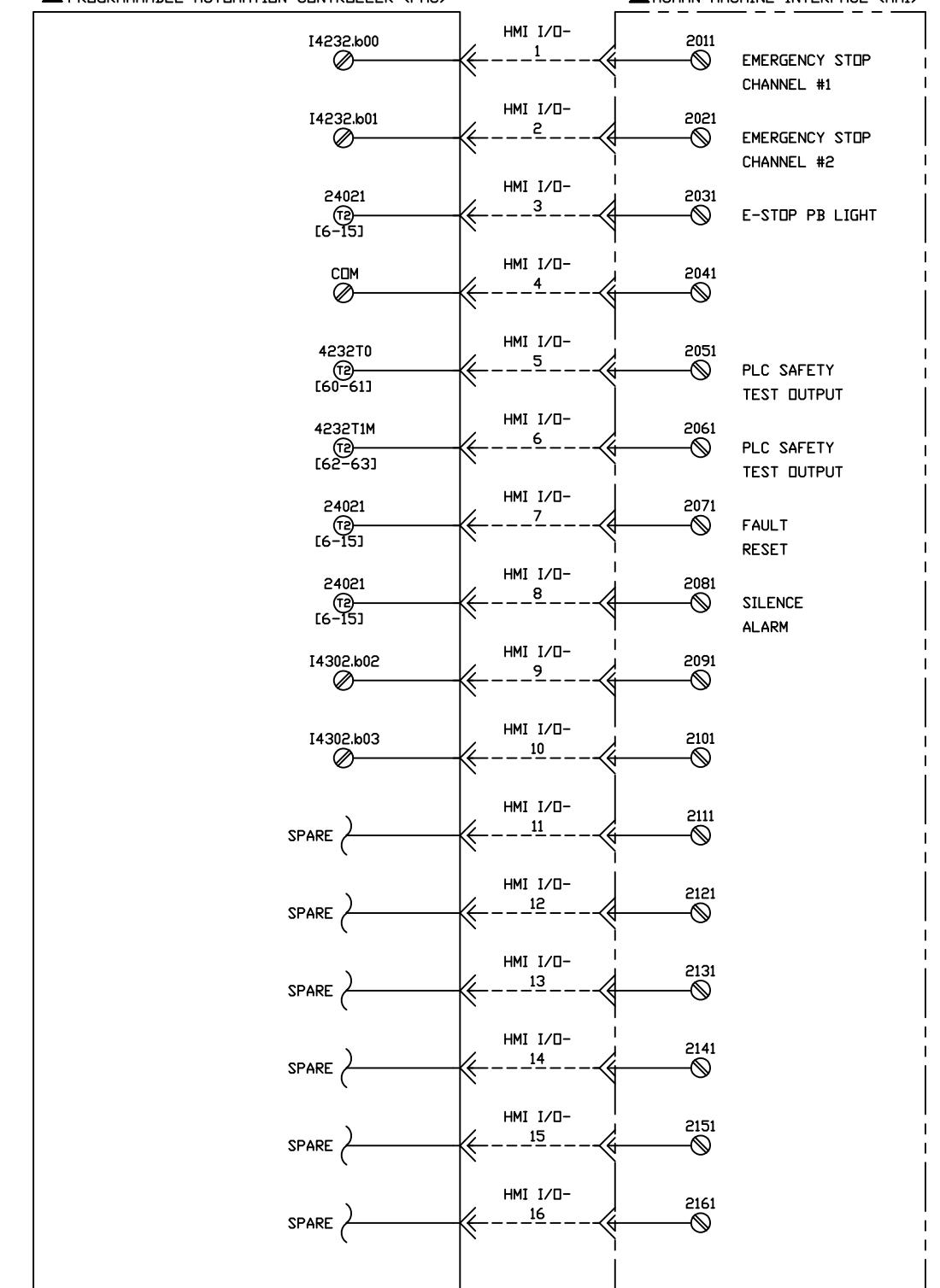
CUSTOMER:	FCA	FACILITY/LOCATION	AREA/ZONE:	RELEASE SYM.	DESCRIPTION	DATE BY CHK.
				- A	INITIAL RELEASE	04/22 DY BM
				- B	MOD BUILD UPDATE	10/22 IS BM
				- C	INSTALL UPDATE	11/22 BM BM
				- D	FINAL AS BUILT	12/22 DY BM
THIS DRAWING AND THE INFORMATION CONTAINED THEREIN IS THE EXCLUSIVE PROPERTY OF INOVISION, INC. ANY UNAUTHORIZED USE OF THIS DRAWING AND ITS CONTENTS WITHOUT THE WRITTEN CONSENT OF INOVISION, INC. WILL BE SUBJECT TO PROSECUTION.						
<b>LEGEND</b>  TERMINAL LOCATED OUTSIDE THIS ENCLOSURE  DEVICE OUTSIDE THIS ENCLOSURE - - - WIRING TO FIELD DEVICE						
 <a href="http://WWW.INOVISION.COM">WWW.INOVISION.COM</a> DESIGNER: DY ENGINEER: DY DATE: 04/2022 APPROVED: BM SCALE: N/A PROJECT NUMBER: 2470 DRAWING NUMBER: IE-2470-111 SHEET NUMBER: 029 DF 072						

## ▲ PROGRAMMABLE AUTOMATION CONTROLLER (PAC)



## ▲ TRIGGER PANEL #1

## ▲ PROGRAMMABLE AUTOMATION CONTROLLER (PAC)



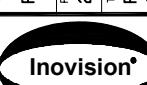
## ▲ HUMAN MACHINE INTERFACE (HMI)

RELEASER	S/N.	DESCRIPTION	DATE BY CHK.
-	A	INITIAL RELEASE	04/22 DY BM
-	B	MOD BUILD UPDATE	10/22 IS BM
-	C	INSTALL UPDATE	11/22 BM BM
-	D	FINAL AS BUILT	12/22 DY BM

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LEGEND  
 ☺ TERMINAL LOCATED OUTSIDE THIS ENCLOSURE  
 ▲ DEVICE OUTSIDE THIS ENCLOSURE  
 - - - WIRING TO FIELD DEVICE

CUSTOMER:	FCA	FACILITY/LOCATION	AREA/ZONE:
PROJECT/PACKAGE DESCRIPTION:	2470 - Stellantis WTAP SMARTInspect		
DATE:	04/2022	APPROVED:	BM
SCALE:	N/A		
PROJECT NUMBER:	2470		
DRAWING NUMBER:	IE-2470-111		
HEET NUMBER:	030 DF 072		



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3100		3130
3101		3131
3102		3132
3103		3133
3104		3134
3105		3135
3106		3136
3107		3137
3108		3138
3109		3139
3110	SPARE SHEET	3140
3111		3141
3112		3142
3113		3143
3114		3144
3115		3145
3116		3146
3117		3147
3118		3148
3119		3149
3120		3150

CUSTOMER: FCA	FACILITY/LOCATION  	AREA/ZONE:	PROJECT/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTinspect	RELEASE SYM.	DESCRIPTION	DATE BY CHK.
 <p><b>Inovision®</b></p> <p>WWW.INOVISION.COM</p>						
DESIGNER: DY	ENGINEER: DY					
DATE: 04/2022	APPROVED: BM					
SCALE: N/A						
PROJECT NUMBER: IE-2470-111						
SHEET NUMBER: 031	OF 072					
<small>THIS DRAWING AND THE INFORMATION CONTAINED THEREIN IS THE EXCLUSIVE PROPERTY OF INOVISION, INC. ANY UNAUTHORIZED USE OF THIS DRAWING AND ITS CONTENTS WITHOUT THE WRITTEN CONSENT OF INOVISION, INC. WILL BE SUBJECT TO PROSECUTION.</small>						
<small>LEGEND   TERMINAL LOCATED OUTSIDE THIS ENCLOSURE   DEVICE OUTSIDE THIS ENCLOSURE          —— WIRING TO FIELD DEVICE</small>						

3200		3230		
3201		3231		
3202		3232		
3203		3233		
3204		3234		
3205		3235		
3206		3236		
3207		3237		
3208		3238		
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3214		3244		
3215		3245		
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3217		3247		
3218		3248		
3219		3249		
3220		3250		



CUSTOMER:	FCA	FACILITY/LOCATION		AREA/ZONE	RELEASE	SYN.	DESCRIPTION	DATE	BY	CHK.
PROJECT/PACKAGE DESCRIPTION:	2470 - Stellantis WTAP SMARTinspect									
DATE:	04/2022									
SCALE:	N/A									
PROJECT NUMBER:	2470									
DRAWING NUMBER:	IE-2470-111									
SHEET NUMBER:	034 OF 072									

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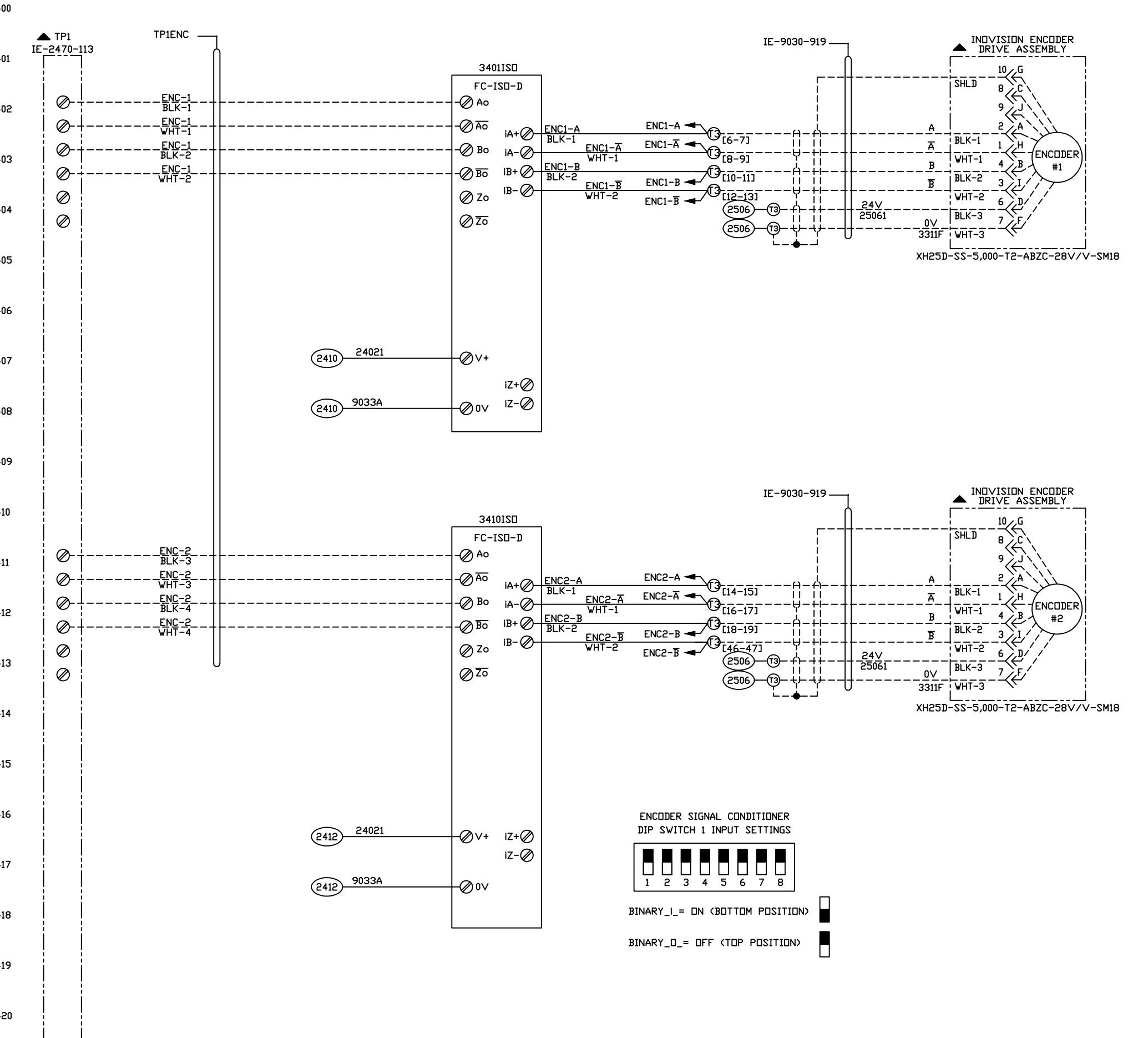
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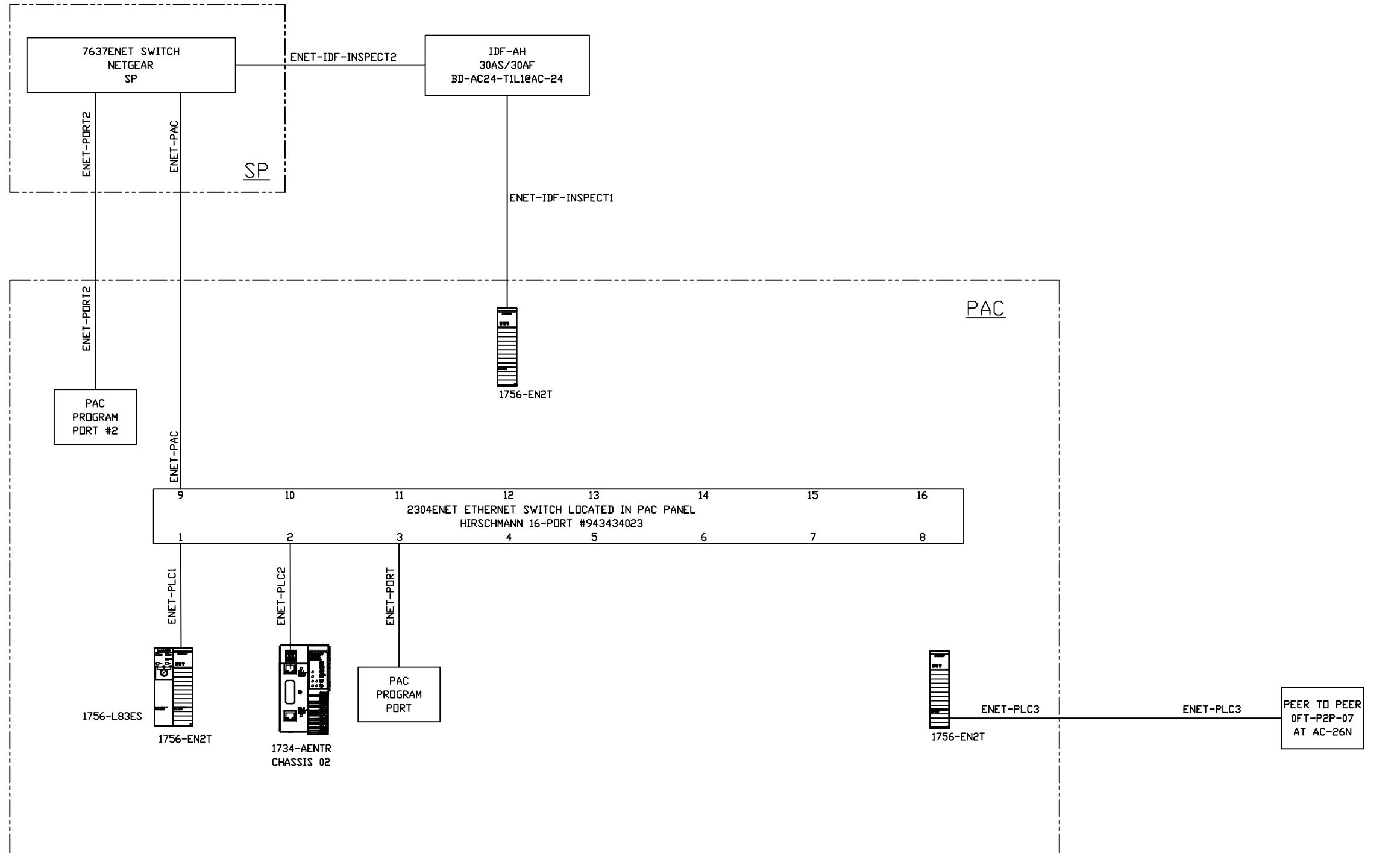
◀ DEVICE OUTSIDE THIS ENCLOSURE

— — WIRING TO FIELD DEVICE

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DESIGNER:	DY	ENGINEER:	DY
DATE:	04/2022		
SCALE:	N/A		
PROJECT NUMBER:	2470		
DRAWING NUMBER:	IE-2470-111		
SHEET NUMBER:	034 OF 072		





CUSTOMER:	FCA	FACILITY/LOCATION	AREA/ZONE:	RELEASE SYN.	SYN.	DESCRIPTION	DATE BY CHK.
PROJECT/PACKAGE DESCRIPTION:				-	A	INITIAL RELEASE	04/22 DY BM
2470 - Stellantis W/TAP SMARTinspect				-	B	MOD BUILD UPDATE	10/22 IS BM
— — WIRING TO FIELD DEVICE						C INSTALL UPDATE	11/22 BM BM
						D FINAL AS BUILT	12/22 DY BM

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WRITTEN CONSENT OF INOVISION, INC.  
WILL BE SUBJECT TO PROSECUTION.

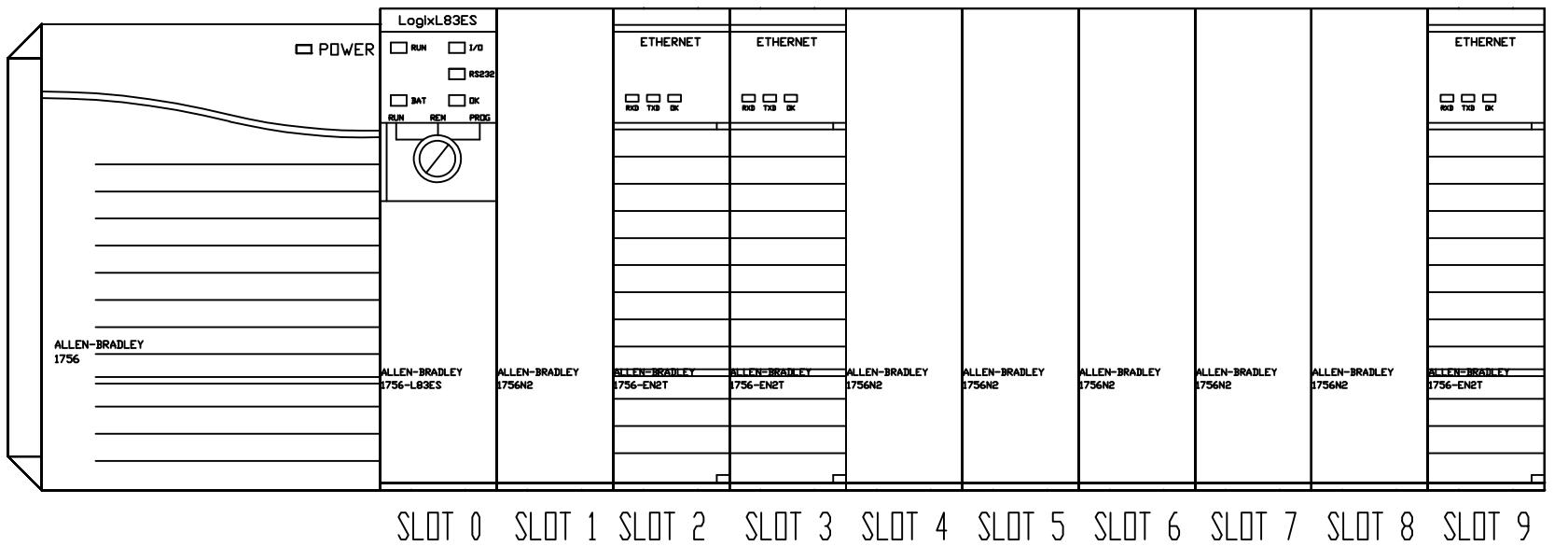
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DY	DY
DATE:	APPROVED
04/2022	BM
SCALE:	N/A
PROJECT NUMBER:	2470
DRAWING NUMBER:	IE-2470-111
SHEET NUMBER:	035 OF 072

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**\*NOTE:**  
ALL INTERNAL ETHERNET CABLES  
USE PATCH CORD  
530-05 GN OR  
530-07 GN

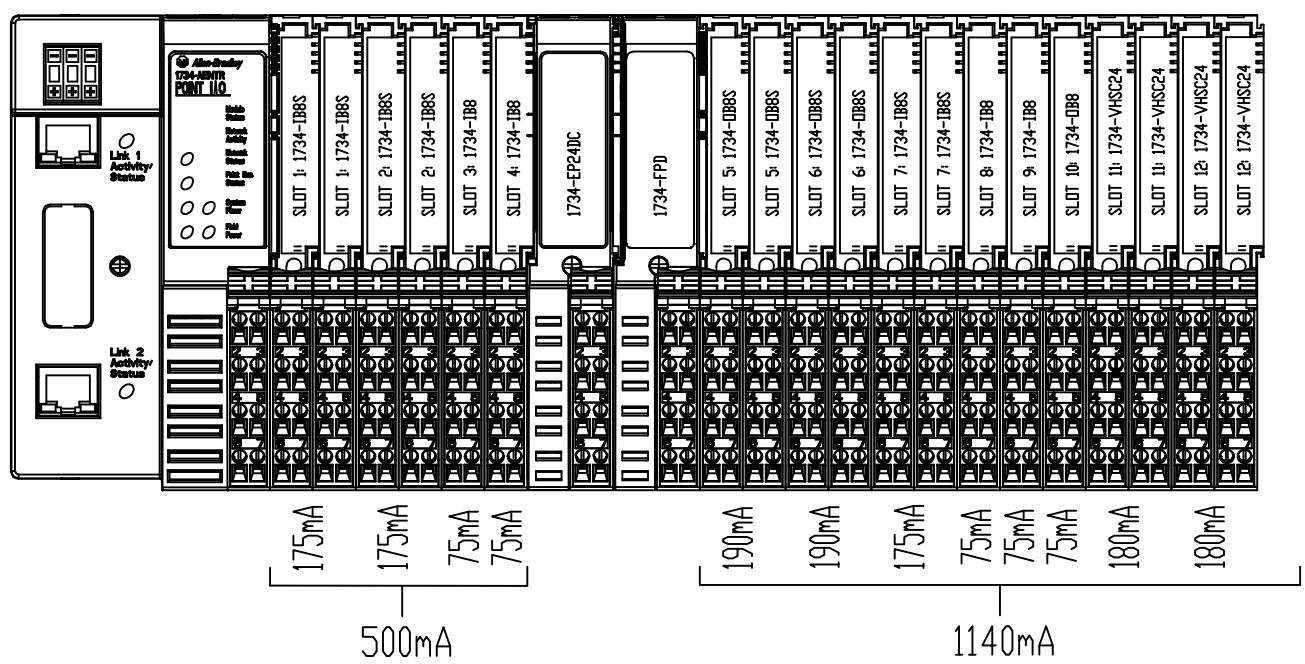
◦ 2404PWS ◦

◦ CHASSIS 01 ◦



◦ 2406ADP ◦

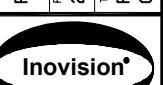
◦ CHASSIS 02 ◦



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DATE BY CHK.  
A INITIAL RELEASE 04/22 DY BM  
B MOD BUILD UPDATE 10/22 IS BM  
C INSTALL UPDATE 11/22 BM BM  
D FINAL AS BUILT 12/22 DY BM

CUSTOMER: FCA FACILITY/LOCATION AREA/ZONE  
PROJECT/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTinspect  
TITLE: PROGRAMMABLE AUTOMATION CONTROLLER (PAC)  
CONTROL LOGIC RACK LAYOUT



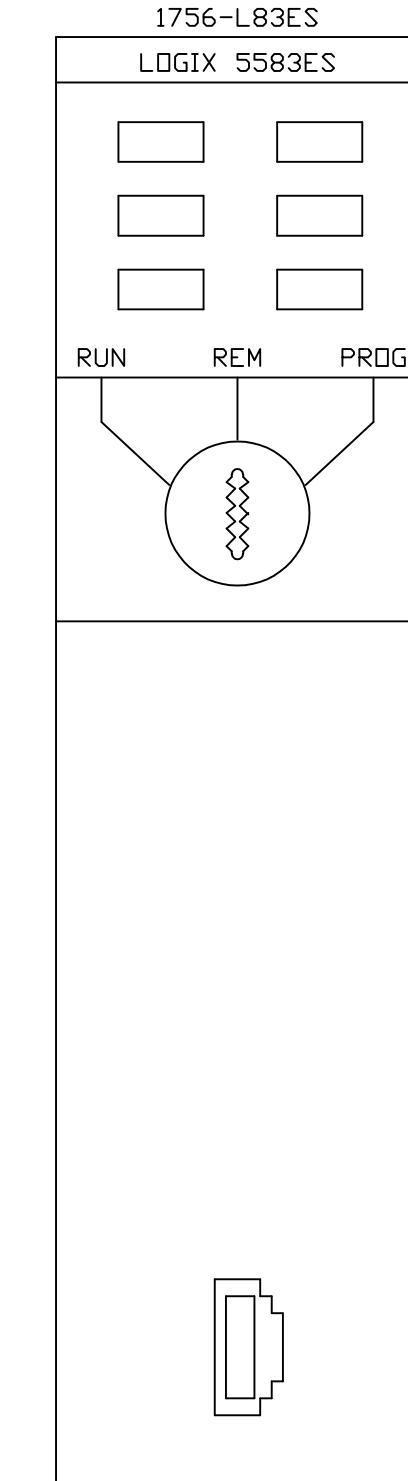
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DESIGNER: DY	ENGINEER: DY
DATE: 04/2022	APPROVED: BM
SCALE: N/A	
PROJECT NUMBER: 2470	
DRAWING NUMBER: IE-2470-111	
SHEET NUMBER: 036 OF 072	

CHASSIS #01	SLOT #0
-------------	---------

3700

3730



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CHASSIS #01	SLOT #1
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RELEASE	SYN.	DESCRIPTION	DATE	BY
-	A	INITIAL RELEASE	04/22 DY	BM
-	B	MOD BUILD UPDATE	10/22 IS	BM
-	C	INSTALL UPDATE	11/22 BM	BM
-	D	FINAL AS BUILT	12/22 DY	BM

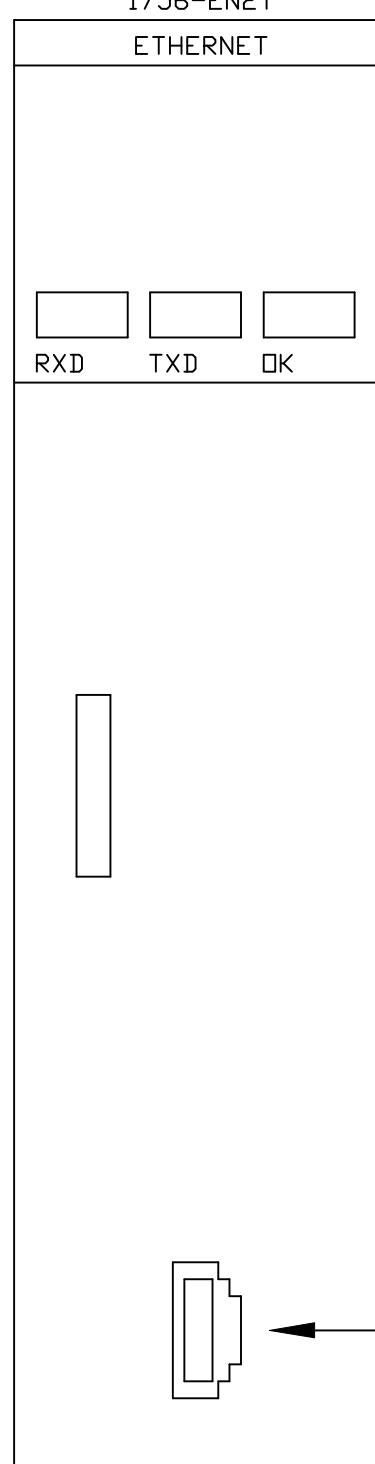
LEGEND  
 ☺ TERMINAL LOCATED OUTSIDE THIS ENCLOSURE  
 ◀ DEVICE OUTSIDE THIS ENCLOSURE  
 - - - WIRING TO FIELD DEVICE

CUSTOMER: FCA  
 FACILITY/LOCATION  
 AREA/ZONE:  
 PROJECT/PACKAGE DESCRIPTION:  
 2470 - Stellantis WTAP SMARTinspect  
 TITLE: PROGRAMMABLE AUTOMATION CONTROLLER (PAC)  
 CONTROL LOGIX RACK SLOT 0 & 1

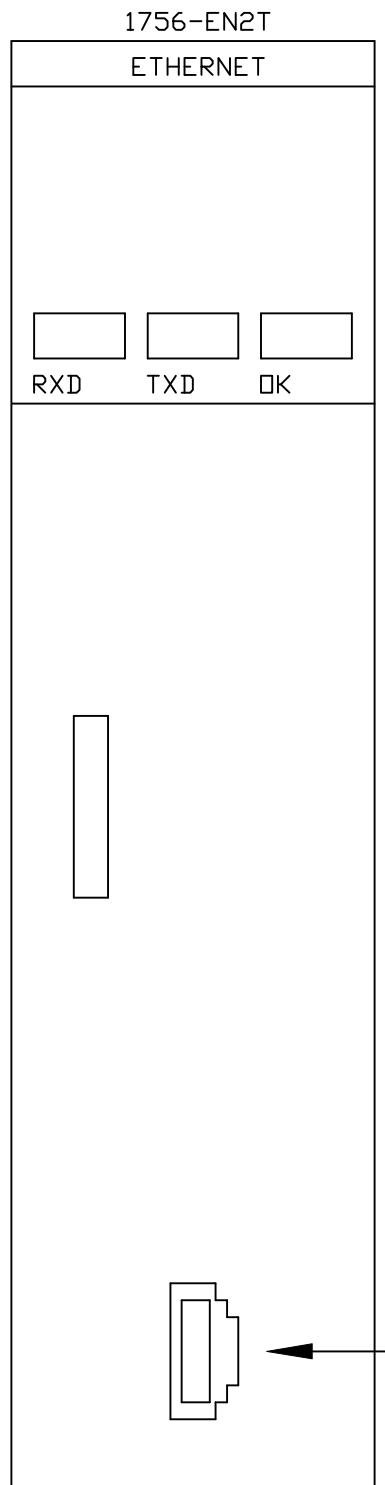
Inovision<sup>®</sup>  
 WWW.INOVISION.COM

DESIGNER: DY	ENGINEER: DY
DATE: 04/2022	APPROVED: BM
SCALE: N/A	
PROJECT NUMBER: IE-2470-111	
DRAWING NUMBER: 037 DF 072	

CHASSIS #01 SLOT #2



CHASSIS #01 SLOT #3

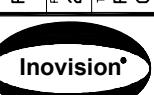


3800	3830	DATE	BY CH.
3801	3831	A INITIAL RELEASE	04/22 DY BM
3802	3832	B MOD BUILD UPDATE	10/22 IS BM
3803	3833	C INSTALL UPDATE	11/22 BM BM
3804	3834	D FINAL AS BUILT	12/22 DY BM
3805	3835		
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3815	3845		
3816	3846		
3817	3847		
3818	3848		
3819	3849		
3820	3850		

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◀ DEVICE OUTSIDE THIS ENCLOSURE  
— — WIRING TO FIELD DEVICE

CUSTOMER: FCA	FACILITY/LOCATION	AREA/ZONE:	LEGEND
PROJECT/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTinspect	② TERMINAL LOCATED OUTSIDE THIS ENCLOSURE		
◆ DEVICE OUTSIDE THIS ENCLOSURE			
— — WIRING TO FIELD DEVICE			
TITLE: PROGRAMMABLE AUTOMATION CONTROLLER (PAC)			
CONTROL LOGIX RACK SLOT 2 & 3			



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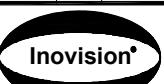
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DATE: 04/2022	APPROVED: BM
SCALE: N/A	
PROJECT NUMBER: 2470	
DRAWING NUMBER: IE-2470-111	
SHEET NUMBER: 038	OF 072

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3909		3939
3910	RESERVED CHASSIS 01 SPACE	3940
3911		3941
3912		3942
3913		3943
3914		3944
3915		3945
3916		3946
3917		3947
3918		3948
3919		3949
		3950

CUSTOMER: FCA	FACILITY/LOCATION  PROJECT/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTinspect	AREA/ZONE:  TITLE: PROGRAMMABLE AUTOMATION CONTROLLER (PAC) CONTROL LOGIX RACK SLOT 4 & 5	RELEASE SYM.  LEGEND ① TERMINAL LOCATED OUTSIDE THIS ENCLOSURE ◀ DEVICE OUTSIDE THIS ENCLOSURE — — WIRING TO FIELD DEVICE	DESCRIPTION	DATE BY CHK.												
				- A INITIAL RELEASE - B MOD BUILD UPDATE - C INSTALL UPDATE - D FINAL AS BUILT	04/22 DY BM 10/22 IS BM 11/22 BM BM 12/22 DY BM												
 <p><b>Inovision®</b></p> <p>WWW.INOVISION.COM</p> <table border="0" style="width: 100%;"> <tr> <td>DESIGNER: DY</td> <td>ENGINEER: DY</td> </tr> <tr> <td>DATE: 04/2022</td> <td>APPROVED: BM</td> </tr> <tr> <td colspan="2">SCALE: N/A</td> </tr> <tr> <td colspan="2">PROJECT NUMBER: 2470</td> </tr> <tr> <td colspan="2">DRAWING NUMBER: IE-2470-111</td> </tr> <tr> <td colspan="2">SHEET NUMBER: 039 OF 072</td> </tr> </table>						DESIGNER: DY	ENGINEER: DY	DATE: 04/2022	APPROVED: BM	SCALE: N/A		PROJECT NUMBER: 2470		DRAWING NUMBER: IE-2470-111		SHEET NUMBER: 039 OF 072	
DESIGNER: DY	ENGINEER: DY																
DATE: 04/2022	APPROVED: BM																
SCALE: N/A																	
PROJECT NUMBER: 2470																	
DRAWING NUMBER: IE-2470-111																	
SHEET NUMBER: 039 OF 072																	

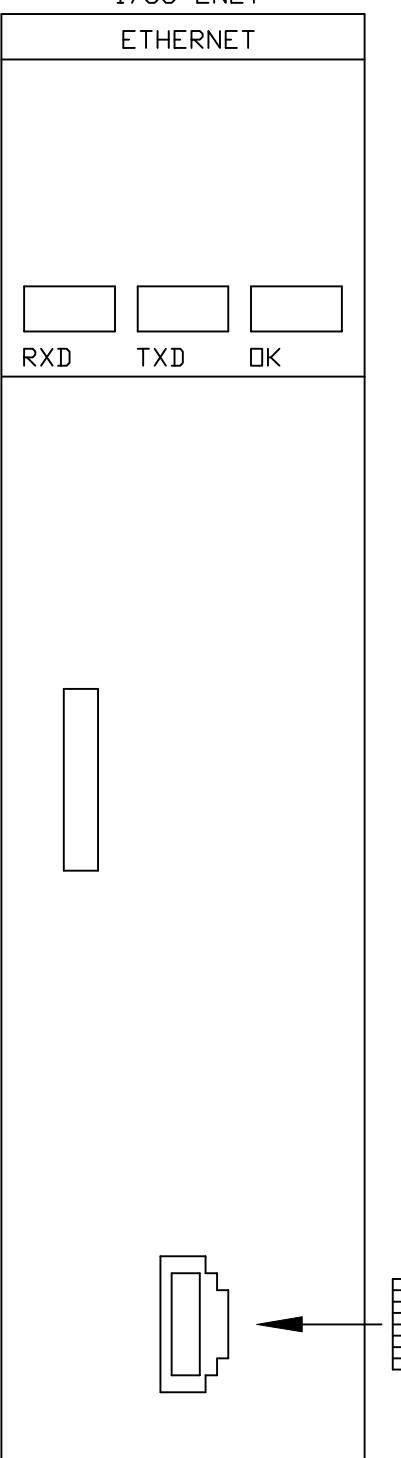
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4009		4039
4010	RESERVED CHASSIS 01 SPACE	4040
4011		4041
4012		4042
4013		4043
4014		4044
4015		4045
4016		4046
4017		4047
4018		4048
4019		4049
4020		4050

RESERVED CHASSIS 01 SPACE

CUSTOMER: FCA	FACILITY/LOCATION PROJECT/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTinspect	AREA/ZONE:	RELEASE SYM.	DESCRIPTION	DATE BY CHK.										
					- A INITIAL RELEASE	04/22 DY BM									
			- B MOD BUILD UPDATE	10/22 IS BM											
			- C INSTALL UPDATE	11/22 BM BM											
			- D FINAL AS BUILT	12/22 DY BM											
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LEGEND ① TERMINAL LOCATED OUTSIDE THIS ENCLOSURE ◀ DEVICE OUTSIDE THIS ENCLOSURE — — WIRING TO FIELD DEVICE															
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DESIGNER: DY	ENGINEER: DY														
DATE: 04/2022	APPROVED: BM														
SCALE: N/A															
PROJECT NUMBER: IE-2470-111															
SHEET NUMBER: 040	OF 072														

CHASSIS #01 SLOT #9

4100 4130  
 4101 4131 1756-EN2T  
 4102 4132 ETHERNET  
 4103 4133  
 4104 4134  
 4105 4135 RXD TXD OK  
 4106 4136  
 4107 4137  
 4108 4138  
 4109 4139  
 4110 4140 RESERVED CHASSIS 01 SPACE  
 4111 4141  
 4112 4142  
 4113 4143  
 4114 4144  
 4115 4145  
 4116 4146 CAT5  
 4117 4147 TO P2P NETWORK  
 4118 4148  
 4119 4149  
 4120 4150



ITEM	DESCRIPTION	DATE	BY
-	A INITIAL RELEASE	04/22 DY	BM
-	B MOD BUILD UPDATE	10/22 IS	BM
-	C INSTALL UPDATE	11/22 BM	BM
-	D FINAL AS BUILT	12/22 DY	BM

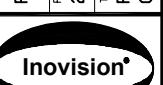
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© TERMINAL LOCATED OUTSIDE THIS ENCLOSURE

◀ DEVICE OUTSIDE THIS ENCLOSURE

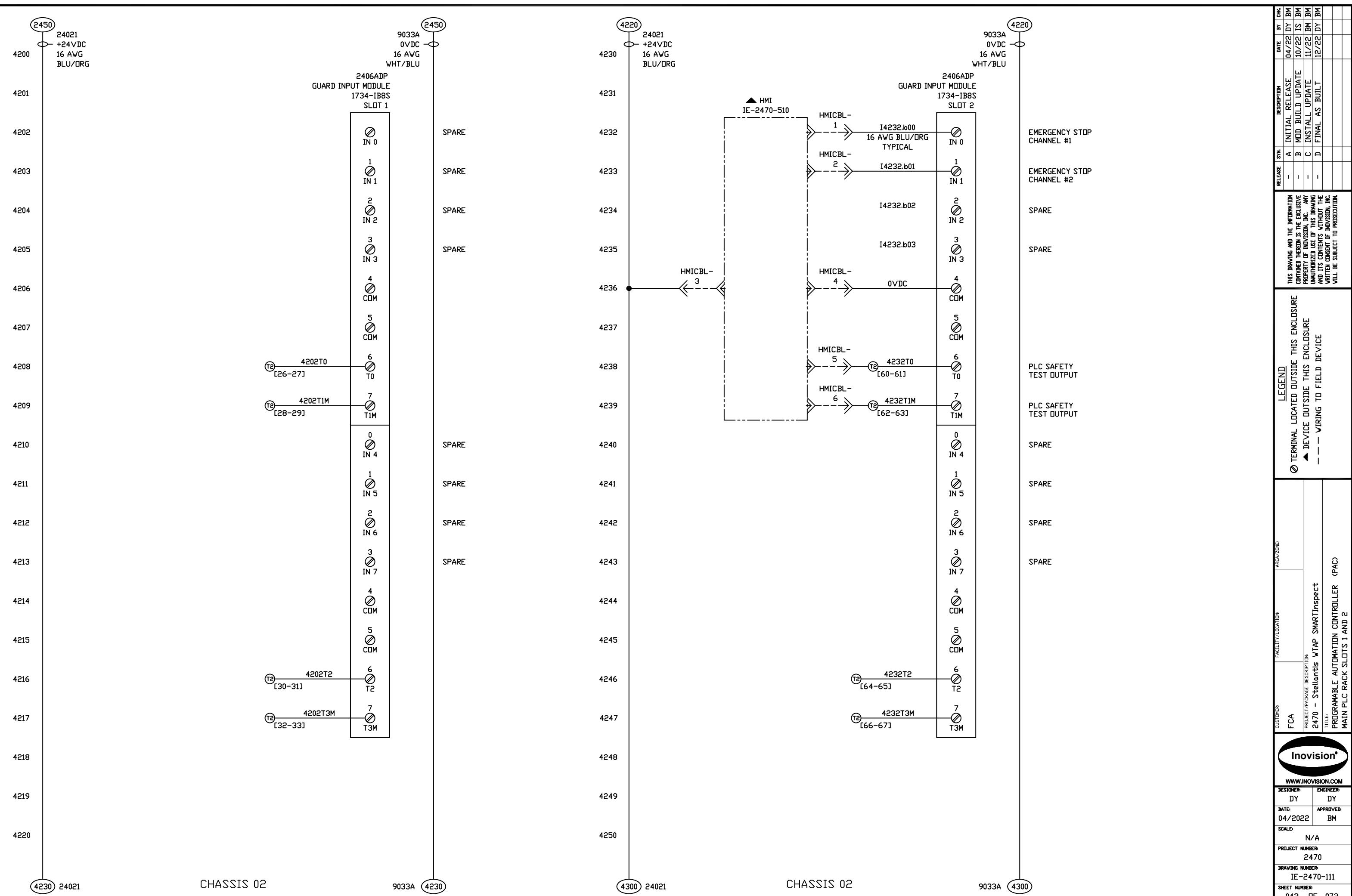
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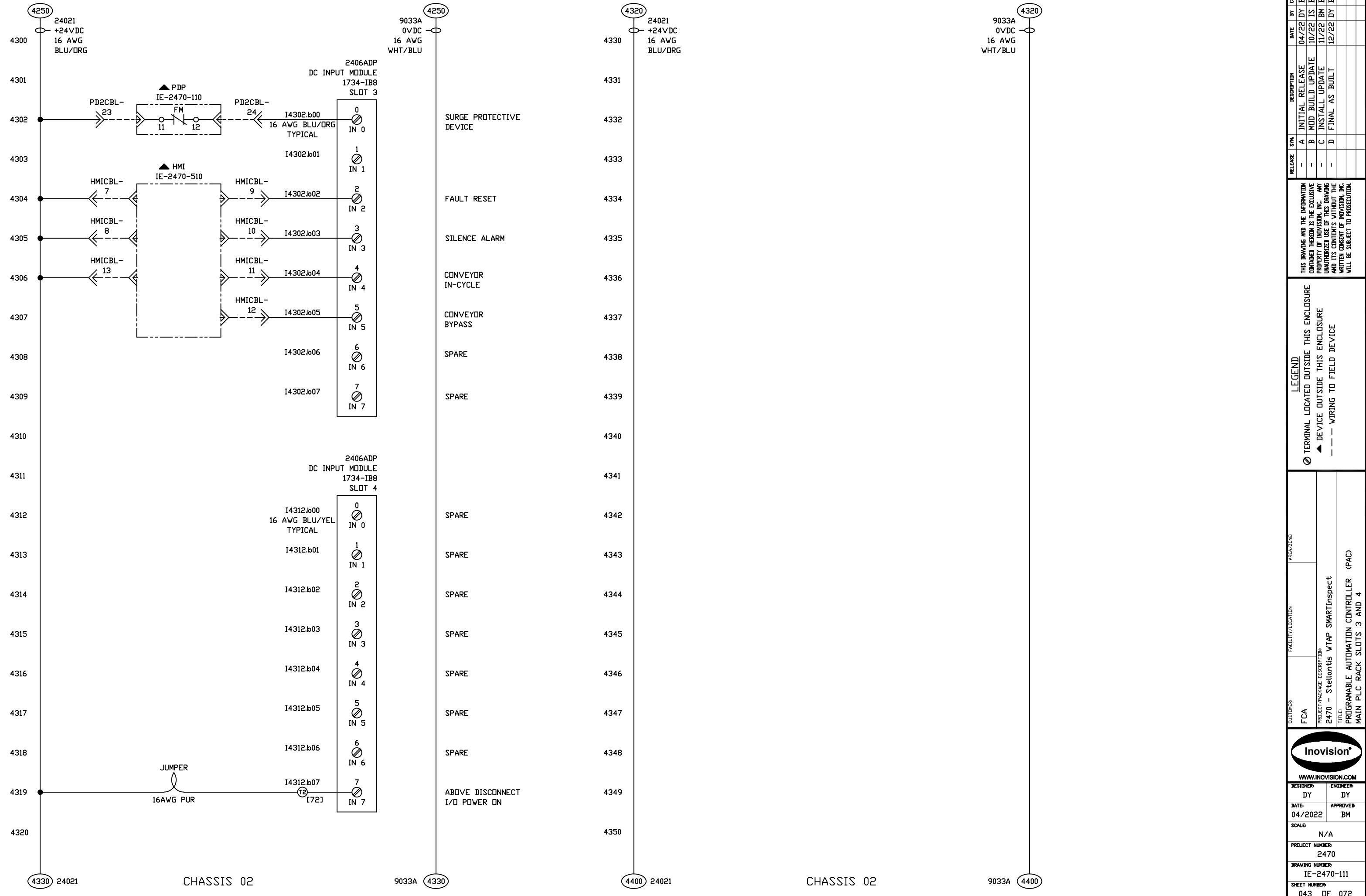
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PROJECT/PACKAGE DESCRIPTION:	2470 - Stellantis WTAP SMARTinspect	TERMINAL LOCATED OUTSIDE THIS ENCLOSURE	©	
2470 - Stellantis WTAP SMARTinspect		◀ DEVICE OUTSIDE THIS ENCLOSURE		
TITLE:	PROGRAMMABLE AUTOMATION CONTROLLER (PAC)	— — WIRING TO FIELD DEVICE		
CONTROL LOGIX RACK SLOT 8 & 9				

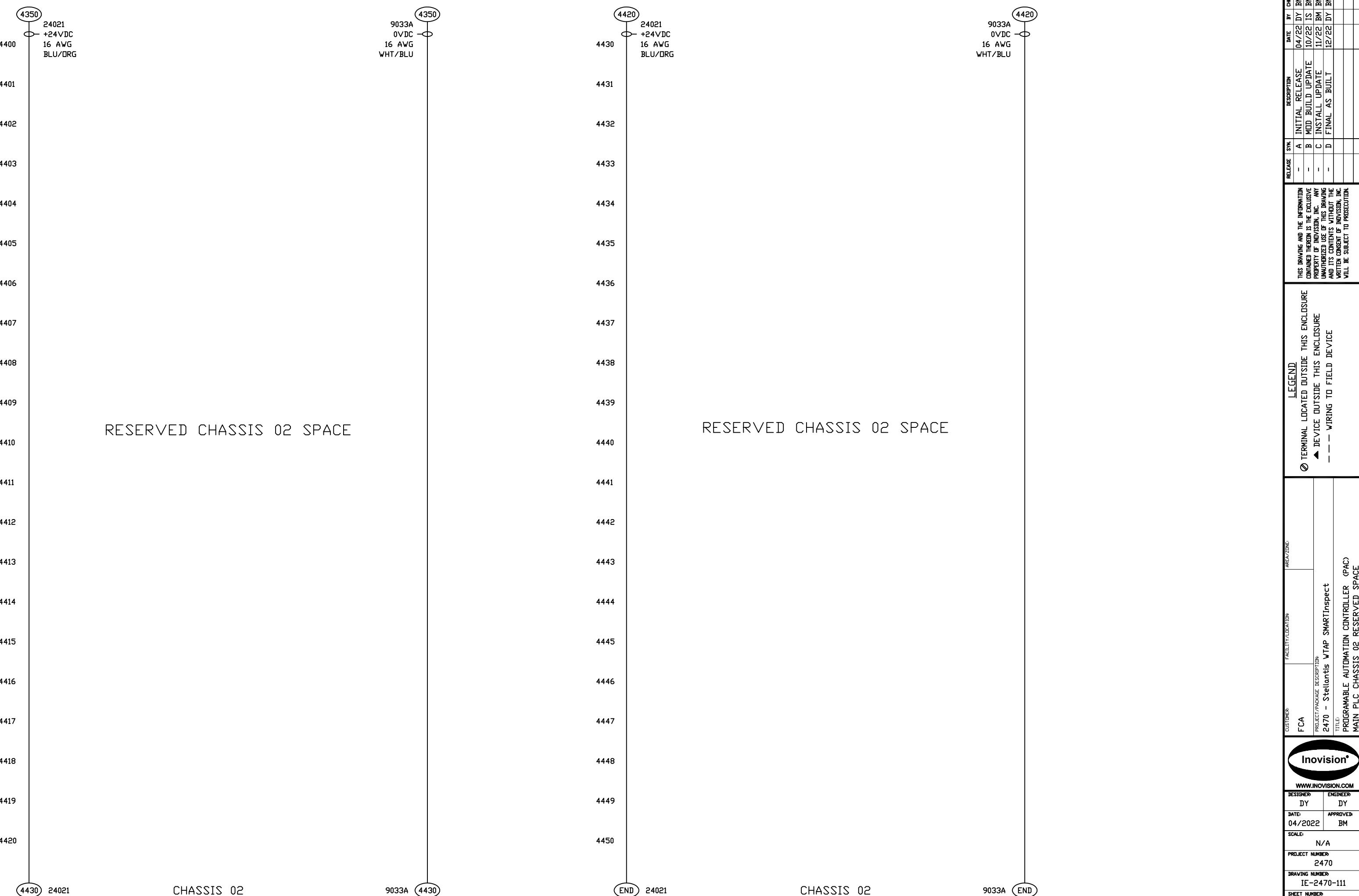


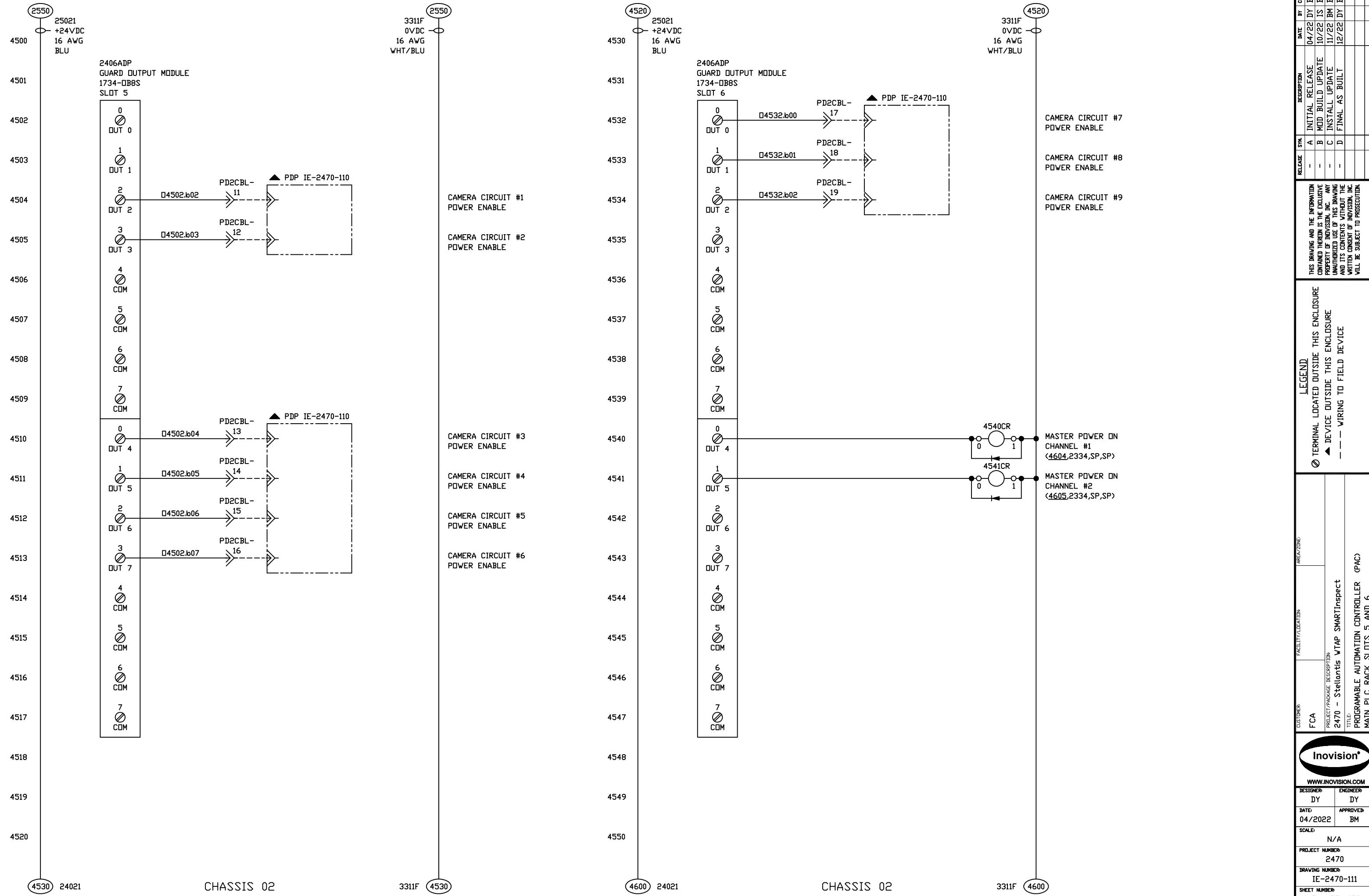
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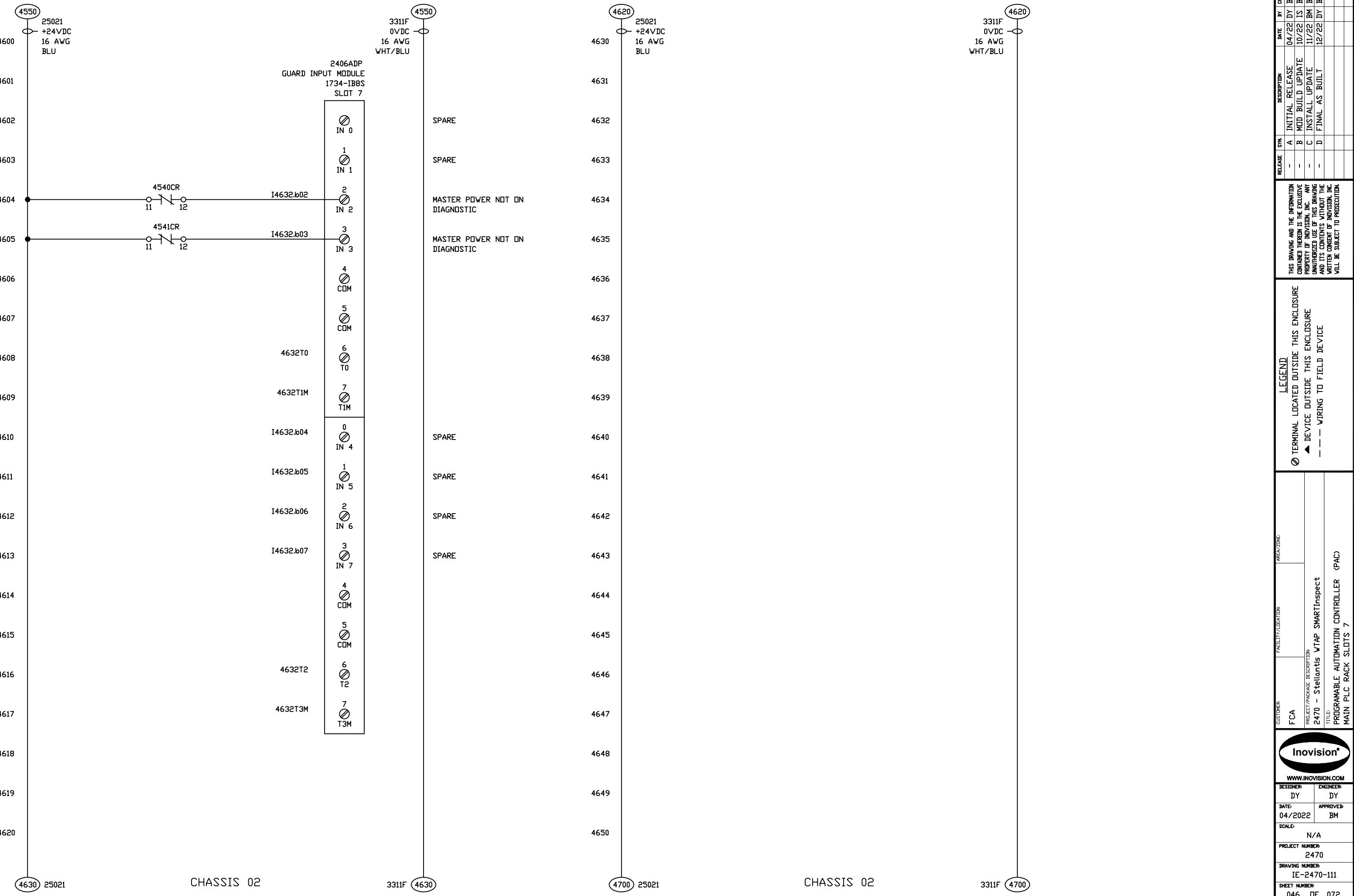
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DY	DY
DATE:	APPROVED:
04/2022	BM
SCALE:	N/A
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DRAWING NUMBER:	IE-2470-111
SHEET NUMBER:	041 DF 072

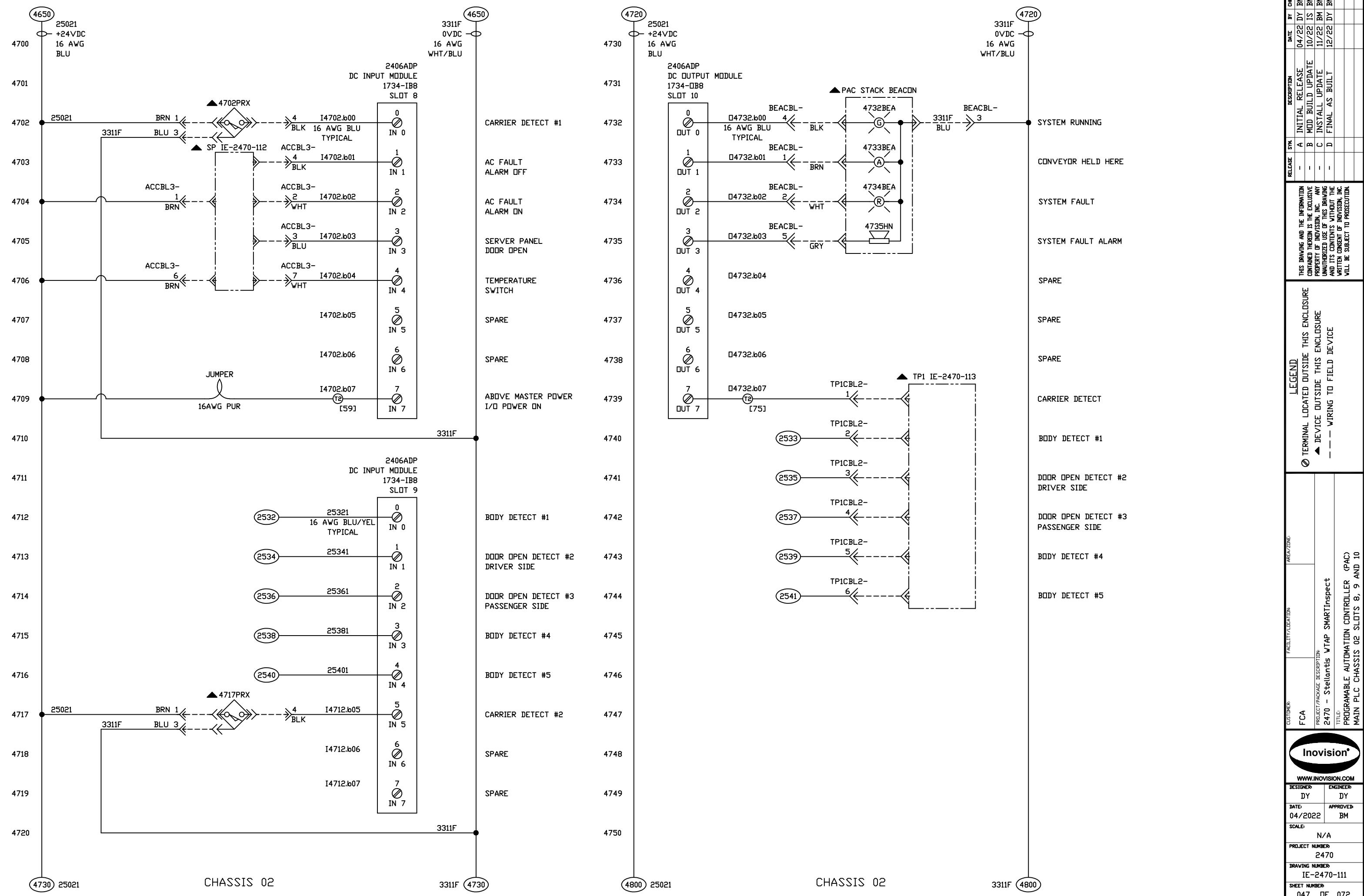


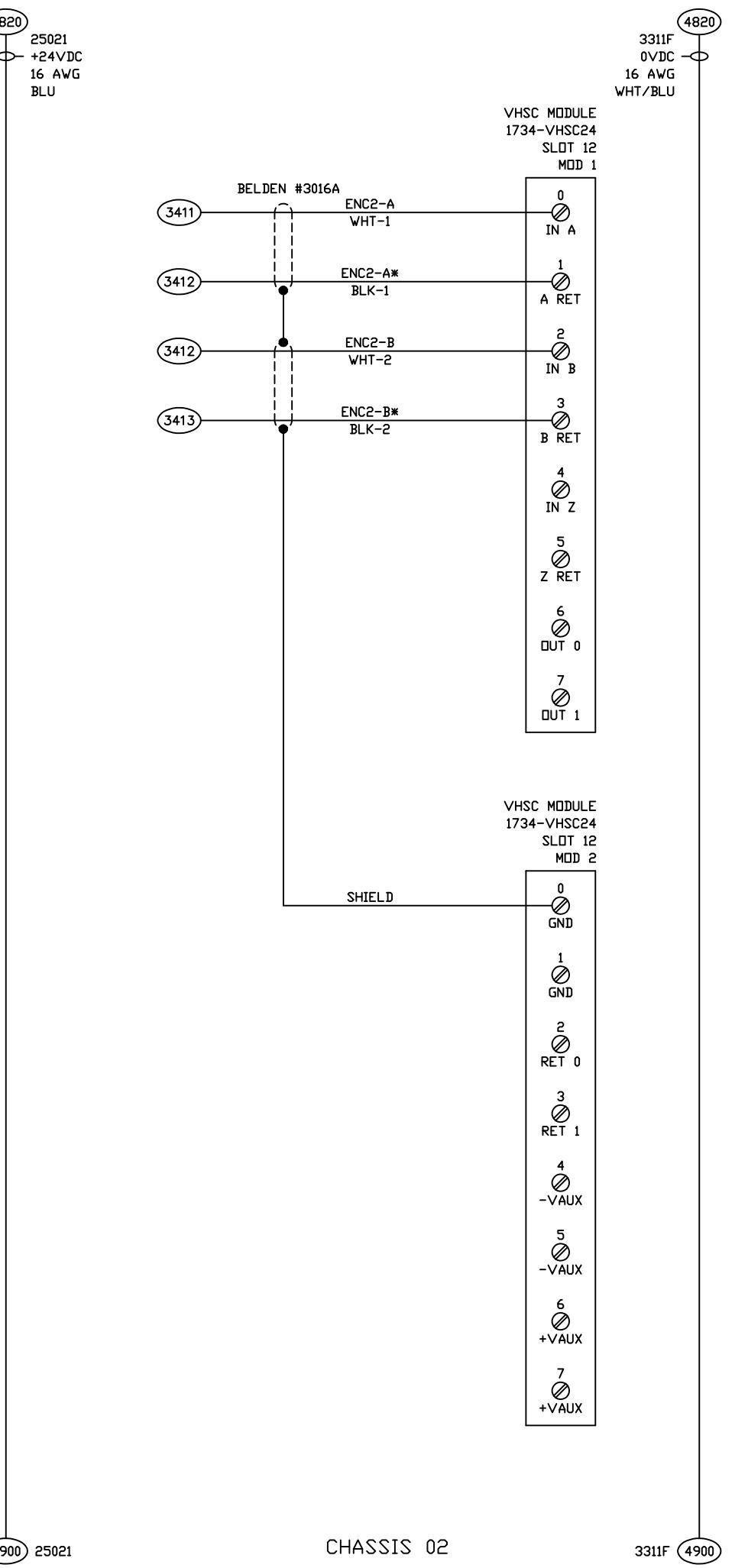
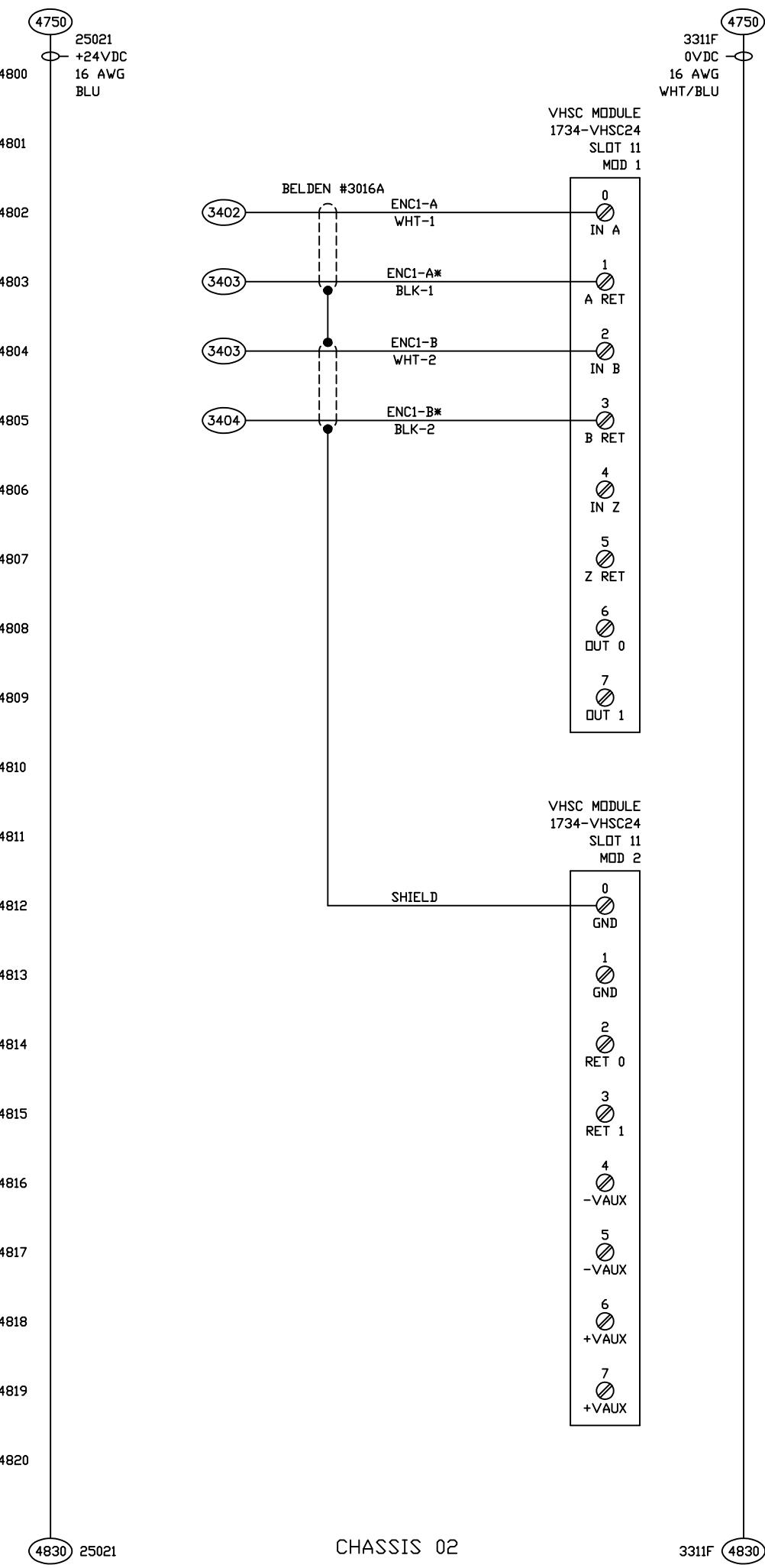




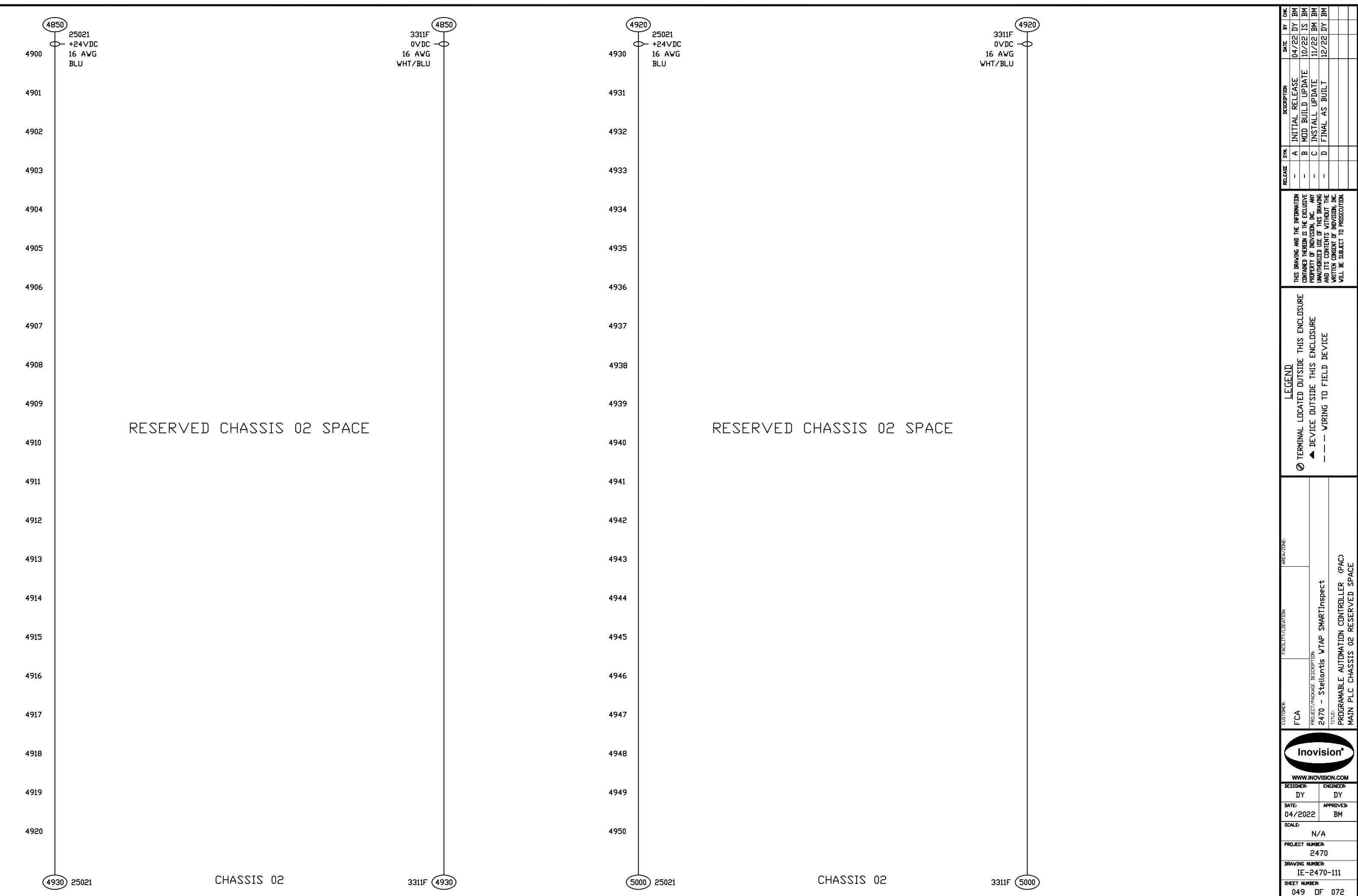








CUSTOMER: <b>FCA</b>		FACILITY/LOCATION: <b>PROJECT #/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTInspect</b>		AREA/ZONE:	<u>LEGEND</u>		THIS DRAWING LOCATED OUTSIDE THIS ENCLOSURE ▲ DEVICE OUTSIDE THIS ENCLOSURE — — WIRING TO FIELD DEVICE		DATE: <b>04/22/2022</b>	BY: <b>CHKE</b>
DESIGNER: <b>DY</b>	ENGINEER: <b>DY</b>	DATE: <b>04/22/2022</b>	APPROVED: <b>BM</b>	SCALE: <b>N/A</b>			RELEASE: <b>-</b>	SYM.: <b>A</b>	DESCRIPTION: <b>INITIAL RELEASE</b>	
							<b>-</b>	<b>B</b>	<b>MID BUILD UPDATE</b>	
							<b>-</b>	<b>C</b>	<b>INSTALL UPDATE</b>	
							<b>-</b>	<b>D</b>	<b>FINAL AS BUILT</b>	
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4950  
5000  
25021  
+24VDC  
16 AWG  
BLU

4950  
3311F  
0VDC  
16 AWG  
WHT/BLU

5020  
5030  
25021  
+24VDC  
16 AWG  
BLU

5020  
3311F  
0VDC  
16 AWG  
WHT/BLU

RESERVED CHASSIS 02 SPACE

RESERVED CHASSIS 02 SPACE

5001  
5002  
5003  
5004  
5005  
5006  
5007  
5008  
5009  
5010  
5011  
5012  
5013  
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5018  
5019  
5020

5030 25021

CHASSIS 02

3311F 5030

5100 25021

CHASSIS 02

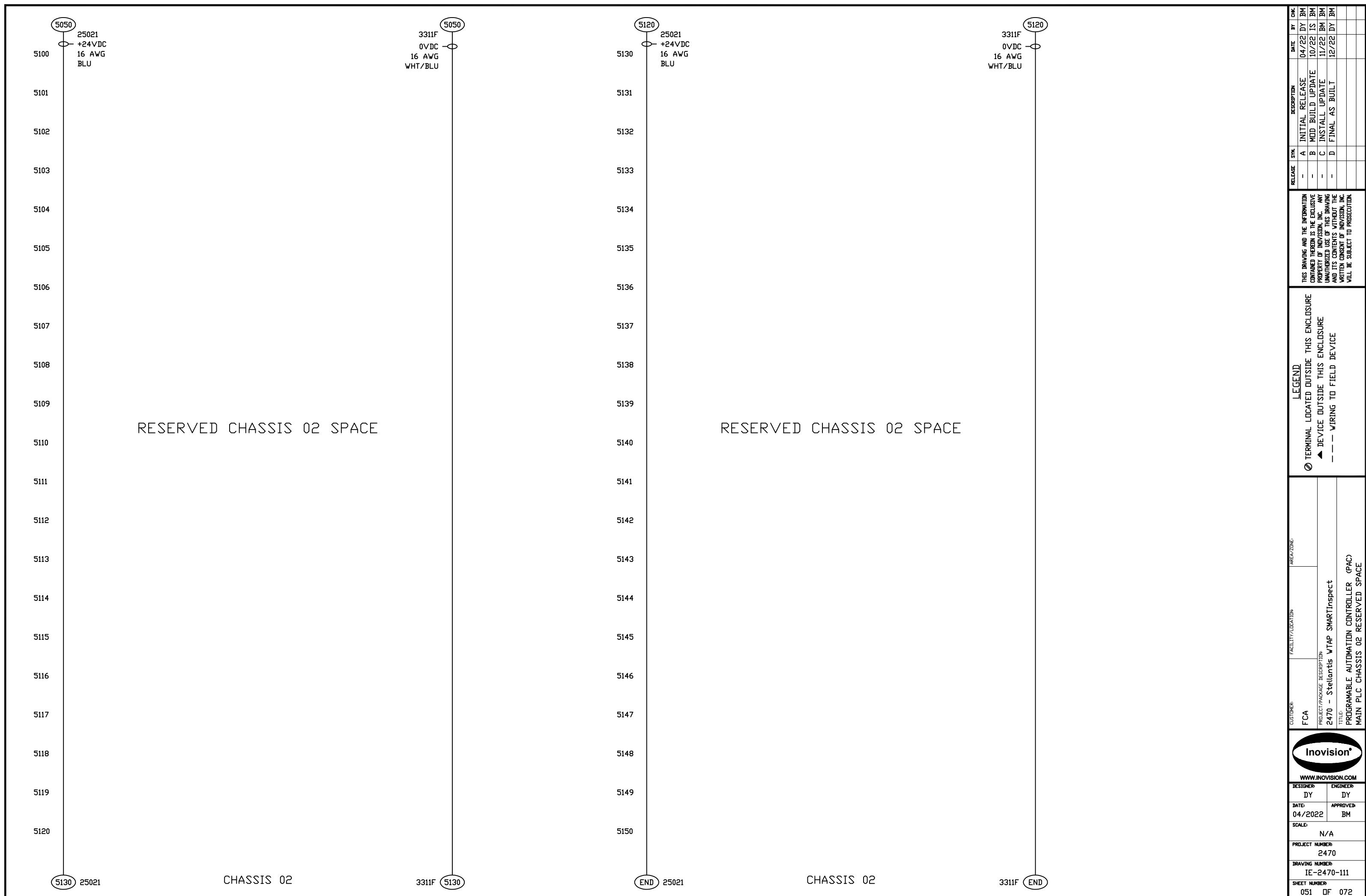
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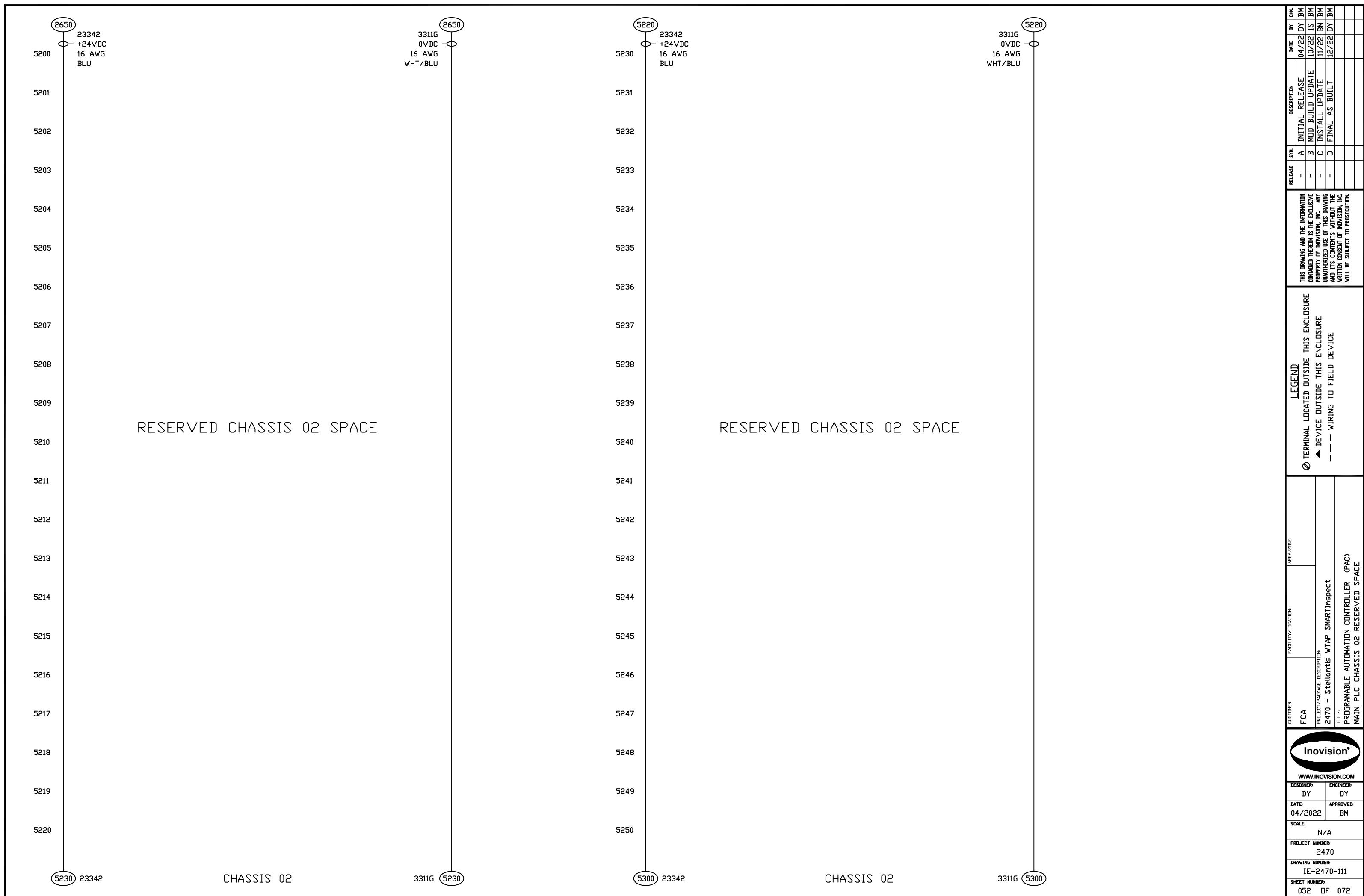
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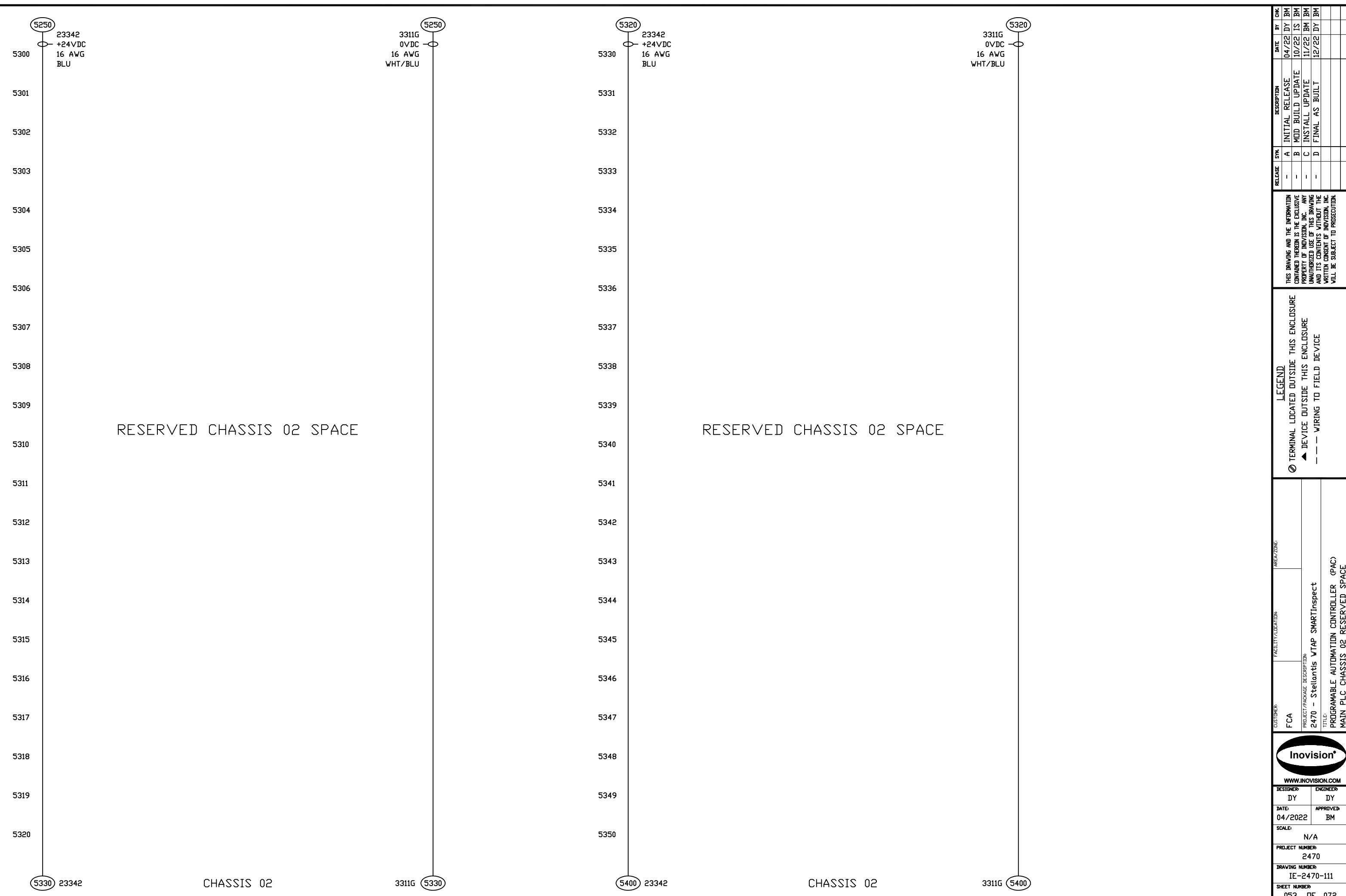
LEGEND  
① TERMINAL LOCATED OUTSIDE THIS ENCLOSURE  
◀ DEVICE OUTSIDE THIS ENCLOSURE  
— — WIRING TO FIELD DEVICE

CUSTOMER: FCA  
FACILITY/LOCATION: AREA/ZONE:  
PROJECT/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTinspect  
TITLE: PROGRAMMABLE AUTOMATION CONTROLLER (PAC)  
MAIN PLC CHASSIS 02 RESERVED SPACE

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DESIGNER: DY  
ENGINEER: DY  
DATE: 04/2022  
APPROVED: BM  
SCALE: N/A  
PROJECT NUMBER: 2470  
DRAWING NUMBER: IE-2470-111  
SHEET NUMBER: 050 DF 072







5350  
23342  
+24VDC  
16 AWG  
BLU

5350  
3311G  
0VDC  
16 AWG  
WHT/BLU

5420  
23342  
+24VDC  
16 AWG  
BLU

5420  
3311G  
0VDC  
16 AWG  
WHT/BLU

5401

5402

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5418

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5420

RESERVED CHASSIS 02 SPACE

RESERVED CHASSIS 02 SPACE

5430 23342

CHASSIS 02

3311G 5430

END 23342

CHASSIS 02

3311G END

ITEM	DESCRIPTION	DATE	BY	CHK.
-	A INITIAL RELEASE	04/22	DY	BM
-	B MOD BUILD UPDATE	10/22	IS	BM
-	C INSTALL UPDATE	11/22	BM	BM
-	D FINAL AS BUILT	12/22	DY	BM

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◀ DEVICE OUTSIDE THIS ENCLOSURE  
— — WIRING TO FIELD DEVICE

CUSTOMER:	FCA	AREA/ZONE:	LEGEND
PROJECT/PACKAGE DESCRIPTION:	2470 - Stellantis WTAP SMARTInspect	TERMINAL LOCATED OUTSIDE THIS ENCLOSURE	© TERMINAL LOCATED OUTSIDE THIS ENCLOSURE
2470 - Stellantis WTAP SMARTInspect	▶ DEVICE OUTSIDE THIS ENCLOSURE	◀ DEVICE OUTSIDE THIS ENCLOSURE	— — WIRING TO FIELD DEVICE
TITLE:	PROGRAMMABLE AUTOMATION CONTROLLER (PAC)		
MAIN	PLC CHASSIS 02 RESERVED SPACE		

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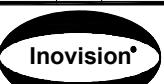
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DESIGNER:	ENGINEER:
DY	DY
DATE:	APPROVED:
04/2022	BM
SCALE:	N/A
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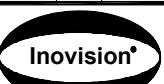
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5509	SPARE SHEET	5539
5510		5540
5511		5541
5512		5542
5513		5543
5514		5544
5515		5545
5516		5546
5517		5547
5518		5548
5519		5555
5520		5550

SPARE SHEET

CUSTOMER: FCA	FACILITY/LOCATION PROJECT/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTinspect	AREA/ZONE: TITLE: PROGRAMMABLE AUTOMATION CONTROLLER (PAC) INPUT/OUTPUT CIRCUITRY - SPARE	LEGEND		RELEASE SYM. BY CHK.	DESCRIPTION	DATE BY CHK.
			④ TERMINAL LOCATED OUTSIDE THIS ENCLOSURE	◀ DEVICE OUTSIDE THIS ENCLOSURE			
			-	A	INITIAL RELEASE	04/22 DY BM	
			-	B	MOD BUILD UPDATE	10/22 IS BM	
			-	C	INSTALL UPDATE	11/22 BM BM	
			-	D	FINAL AS BUILT	12/22 DY BM	
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DESIGNER: DY	ENGINEER: DY						
DATE: 04/2022	APPROVED: BM						
SCALE: N/A							
PROJECT NUMBER: IE-2470-111							
SHEET NUMBER: 055 OF 072							



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5602		5632
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5604		5634
5605		5635
5606		5636
5607		5637
5608		5638
5609	SPARE SHEET	5639
5610		5640
5611		5641
5612		5642
5613		5643
5614		5644
5615		5645
5616		5646
5617		5647
5618		5648
5619		5649
5620		5650

CUSTOMER:	FCA	FACILITY/LOCATION	AREA/ZONE:	RELEASE SYM.	DESCRIPTION	DATE BY CHK.												
PROJECT/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTinspect				- A	INITIAL RELEASE	04/22 DY BM												
				- B	MOD BUILD UPDATE	10/22 IS BM												
				- C	INSTALL UPDATE	11/22 BM BM												
				- D	FINAL AS BUILT	12/22 DY BM												
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DATE: 04/2022	APPROVED: BM																	
SCALE: N/A																		
PROJECT NUMBER: 2470																		
DRAWING NUMBER: IE-2470-111																		
SHEET NUMBER: 056	OF 072																	

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5704		5734
5705		5735
5706		5736
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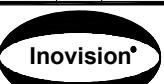
SPARE SHEET

CUSTOMER: FCA	FACILITY/LOCATION PROJECT/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTinspect	AREA/ZONE: TITLE: PROGRAMMABLE AUTOMATION CONTROLLER (PAC) INPUT/OUTPUT CIRCUITRY - SPARE	LEGEND		DATE BY CHK. 04/22 DY BM
			RELEASE	SYN.	
@ TERMINAL LOCATED OUTSIDE THIS ENCLOSURE		-	A	INITIAL RELEASE	
◀ DEVICE OUTSIDE THIS ENCLOSURE		-	B	MOD. BUILD UPDATE	
— — WIRING TO FIELD DEVICE		-	C	INSTALL UPDATE	
		-	D	FINAL AS BUILT	
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DESIGNER: DY	ENGINEER: DY				
DATE: 04/2022	APPROVED: BM				
SCALE: N/A					
PROJECT NUMBER: IE-2470-111					
SHEET NUMBER: 057 DF 072					

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SPARE SHEET

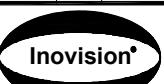
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				- A INITIAL RELEASE - B MOD BUILD UPDATE - C INSTALL UPDATE - D FINAL AS BUILT	04/22 DY BM 10/22 IS BM 11/22 BM BM 12/22 DY BM												
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DESIGNER: DY	ENGINEER: DY																
DATE: 04/2022	APPROVED: BM																
SCALE: N/A																	
PROJECT NUMBER: 2470																	
DRAWING NUMBER: IE-2470-111																	
SHEET NUMBER: 058 OF 072																	

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5902		5932
5903		5933
5904		5934
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5906		5936
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5909	SPARE SHEET	5939
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CUSTOMER: FCA		FACILITY/LOCATION	AREA/ZONE:	PROJECT/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTinspect	RELEASE SYM.	DESCRIPTION	DATE BY CHK.
							- A INITIAL RELEASE
				- B MOD BUILD UPDATE	10/22 IS BM		
				- C INSTALL UPDATE	11/22 BM BM		
				- D FINAL AS BUILT	12/22 DY BM		
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DESIGNER: DY	ENGINEER: DY						
DATE: 04/2022	APPROVED: BM						
SCALE: N/A							
PROJECT NUMBER: 2470							
DRAWING NUMBER: IE-2470-111							
SHEET NUMBER: 059 OF 072							

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6001		6031
6002		6032
6003		6033
6004		6034
6005		6035
6006		6036
6007		6037
6008		6038
6009	SPARE SHEET	6039
6010		6040
6011		6041
6012		6042
6013		6043
6014		6044
6015		6045
6016		6046
6017		6047
6018		6048
6019		6049
6020		6050

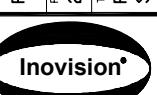
SPARE SHEET

CUSTOMER:	FCA	FACILITY/LOCATION	AREA/ZONE:	RELEASE SYM.	DESCRIPTION	DATE BY CHK.
				-	A INITIAL RELEASE	04/22 DY BM
				-	B MOD BUILD UPDATE	10/22 IS BM
				-	C INSTALL UPDATE	11/22 BM BM
				-	D FINAL AS BUILT	12/22 DY BM
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 <p><b>Inovision®</b> WWW.INOVISION.COM</p>						
DESIGNER:	DY	ENGINEER:	DY			
DATE:	04/2022	APPROVED:	BM			
SCALE:	N/A					
PROJECT NUMBER:	IE-2470-111					
DRAWING NUMBER:						
SHEET NUMBER:						
060 DF 072						

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LEGEND  
① TERMINAL LOCATED OUTSIDE THIS ENCLOSURE  
◆ DEVICE OUTSIDE THIS ENCLOSURE  
— WIRING TO FIELD DEVICE

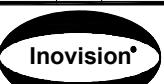
CUSTOMER: FCA | FACILITY/LOCATION: | AREA/ZONE: |  
PROJECT/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTinspect  
TITLE: PROGRAMMABLE AUTOMATION CONTROLLER (PAC)  
SPARE SHEET



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DESIGNER: DY	ENGINEER: DY
DATE: 04/2022	APPROVED: BM
SCALE: N/A	
PROJECT NUMBER: 2470	
DRAWING NUMBER: IE-2470-111	
SHEET NUMBER: 061	OF 072

6200		6230
6201		6231
6202		6232
6203		6233
6204		6234
6205		6235
6206		6236
6207		6237
6208		6238
6209	SPARE SHEET	6239
6210		6240
6211		6241
6212		6242
6213		6243
6214		6244
6215		6245
6216		6246
6217		6247
6218		6248
6219		6249
6220		6250

CUSTOMER:	FCA	FACILITY/LOCATION	AREA/ZONE:	RELEASE SYM.	DESCRIPTION	DATE BY CHK.
				- A	INITIAL RELEASE	04/22 DY BM
				- B	MOD BUILD UPDATE	10/22 IS BM
				- C	INSTALL UPDATE	11/22 BM BM
				- D	FINAL AS BUILT	12/22 DY BM
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DESIGNER:	DY	ENGINEER:	DY			
DATE:	04/2022	APPROVED:	BM			
SCALE:	N/A					
PROJECT NUMBER:	2470					
DRAWING NUMBER:	IE-2470-111					
SHEET NUMBER:						
						062 OF 072

177



178



BRADYID LABEL FOR NFPA 70E HEADER 2.00"H X 6.00"W  
CUSTOM TEXT SIZES - SEE CHART

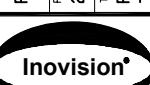
PAC TAGS					
TAG	LINE	DESCRIPTION	TAG / TEXT COLOR	TAG DIMENSION	TEXT SIZE
063-001	LINE #1	WARNING	RED / WHT	2.00" X 6.00"	0.25"
	LINE #2	DISCONNECT POWER BEFORE			0.125"
	LINE #3	WORKING WITHIN			
063-002	LINE #1	CAUTION	YEL / BLK	2.00" X 6.00"	0.25"
	LINE #2	ORANGE WIRING IS NOT DE-ENERGIZED			0.125"
	LINE #3	BY MAIN DISCONNECT			
063-003	LINE #1	24VDC	WHT / BLK	1.50" X 4.00"	0.25"
	LINE #2				
063-004	LINE #1	2205RECP	WHT / BLK	0.75" X 2.00"	0.25"
063-005	LINE #1	120VAC PROGRAMMING	WHT / BLK	1.50" X 4.00"	0.25"
	LINE #2	EQUIPMENT ONLY			
	LINE #3	NO POWER TOOLS			
063-006	LINE #1	SMARTInspect	WHT / BLK	2.75" X 8.00"	0.25"
	LINE #2	PROGRAMMABLE AUTOMATION CONTROLLER			
	LINE #3	DWG# IE-2470-111 PAC			
063-007	LINE #1	2306FAN	WHT / BLK	0.75" X 2.00"	0.25"
063-008	LINE #1	EXHAUST	WHT / BLK	0.75" X 2.00"	0.25"

DATE	BY	CHK.
04/22 DY	BM	
10/22 IS	BM	
11/22 BM	BM	
12/22 DY	BM	

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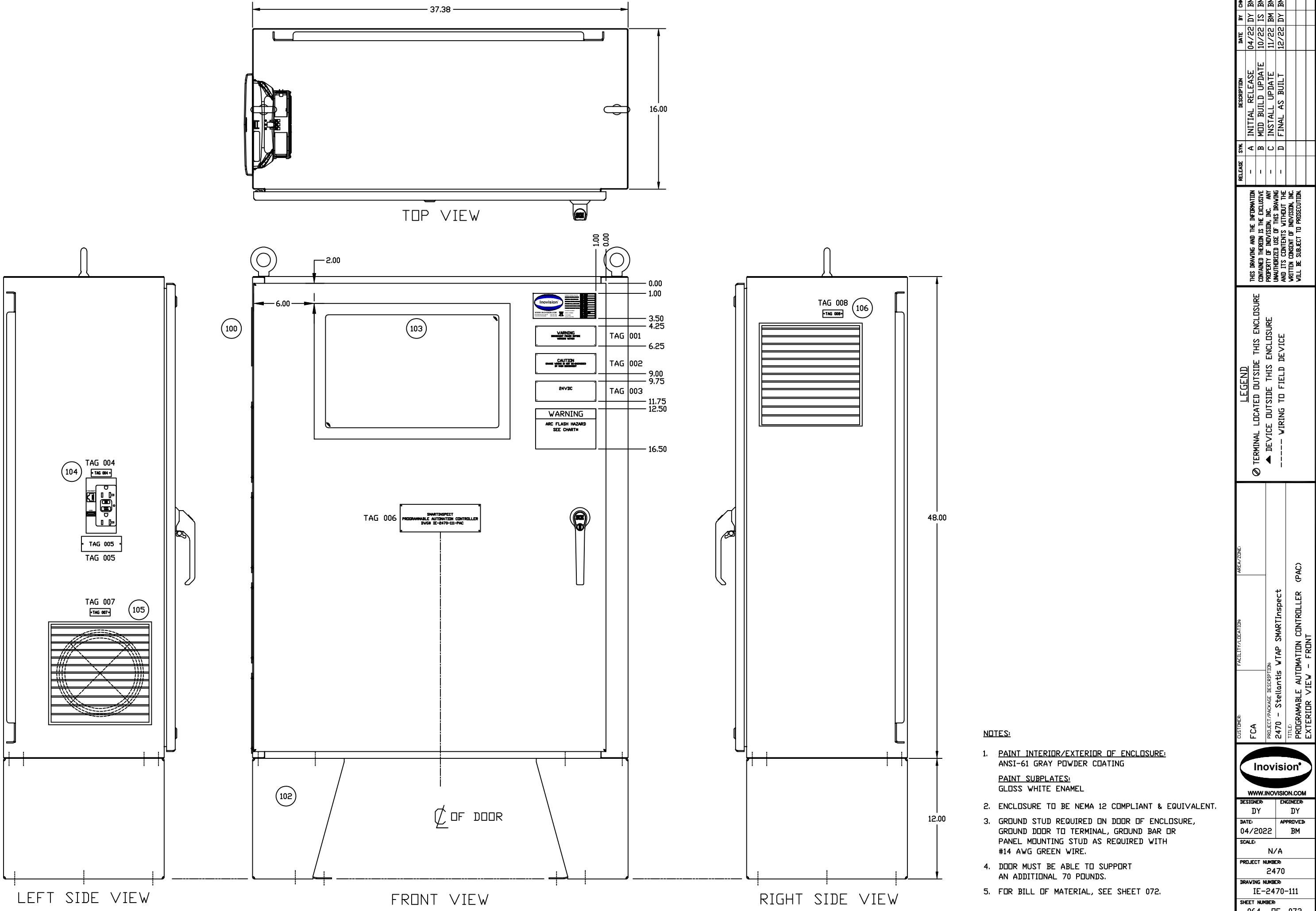
LEGEND  
 ☺ TERMINAL LOCATED OUTSIDE THIS ENCLOSURE  
 ◀ DEVICE OUTSIDE THIS ENCLOSURE  
 —— WIRING TO FIELD DEVICE

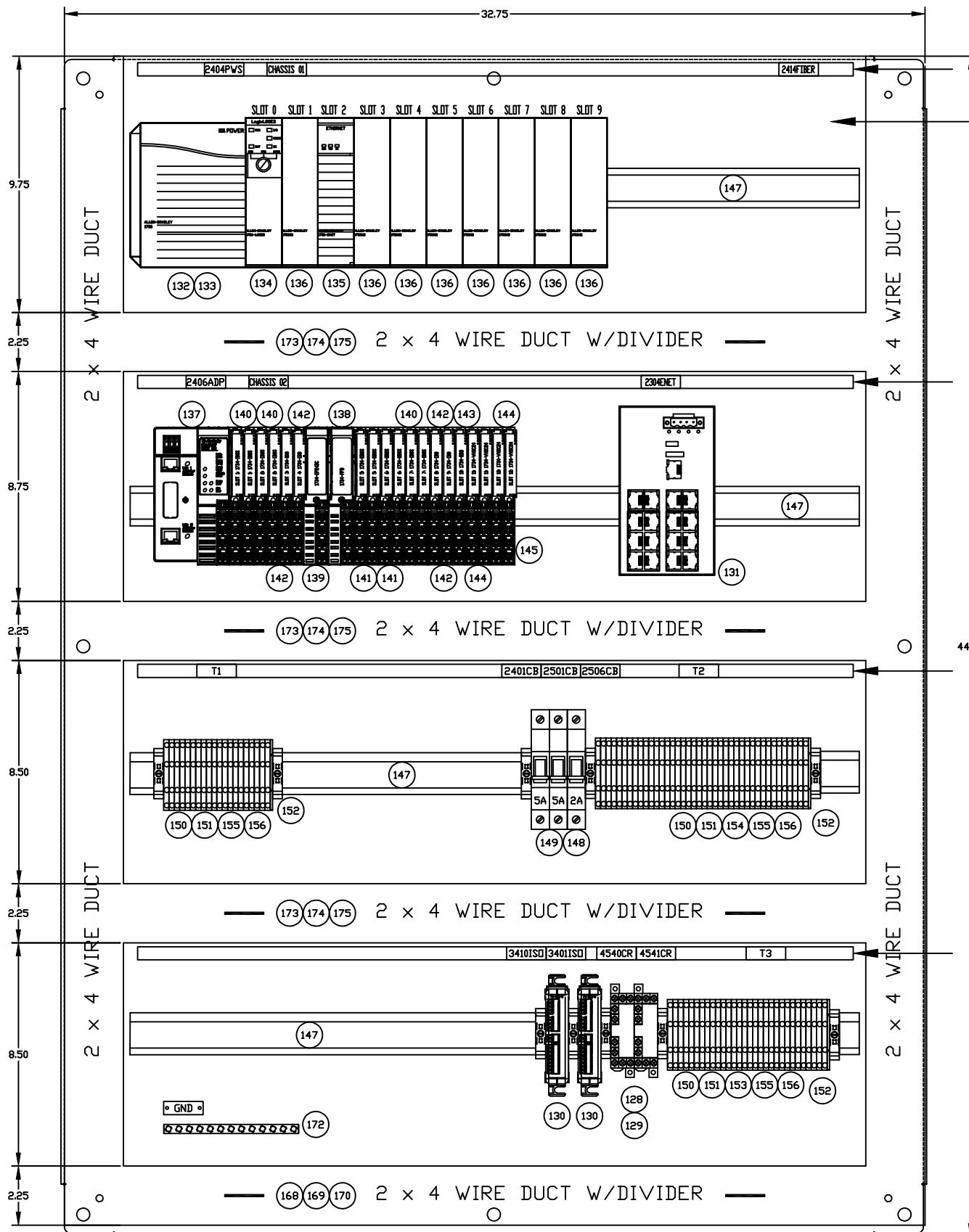
CUSTOMER:	FCA	FACILITY/LOCATION	AREA/ZONE:
PROJECT/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTInspect			
TITLE: PROGRAMMABLE AUTOMATION CONTROLLER (PAC)			
TAG SHEET			



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DESIGNER:	ENGINEER:
DY	DY
DATE:	APPROVED:
04/2022	BM
SCALE:	N/A
PROJECT NUMBER:	2470
DRAWING NUMBER:	IE-2470-111
HEET NUMBER:	063 DF 072





TERMINAL STRIP T1 20 TERMINALS			
120VAC CIRCUITRY			
TERM.	TOP	BOTTOM	TERM.
1	7021	2072A	21
2	7041	2072B	22
3	7041	2072B	23
4	7061	2072C	24
5	7081	2072D	25
6	7101	2072E	26
7	7101	2072E	27
8	7101	2072E	28
9	7101	2072E	29
10	7101	2072E	30
11	SPARE	SPARE	31
12	SPARE	SPARE	32
13	SPARE	SPARE	33
14	SPARE	SPARE	34
15	SPARE	SPARE	35
16	SPARE	SPARE	36
17	SPARE	SPARE	37
18	SPARE	SPARE	38
19	SPARE	SPARE	39
20	SPARE	SPARE	40

TERMINAL STRIP T2 40 TERMINALS 24VDC CIRCUITRY			
TERM.	TOP	BOTTOM	TERM.
1	9051	9033A	41
2	SPARE	9033A	42
3	11321	9033A	43
4	11341	9033A	44
5	11361	9033A	45
6	24021	9033B	46
7	24021	3311G	47
8	24021	3311G	48
9	24021	3311G	49
10	24021	3311G	50
11	24021	3311G	51
12	24021	3311H	52
13	24021	23342	53
14	24021	23342	54
15	24021	23342	55
16	25021	23342	56
17	25021	23342	57
18	25021	SPARE	58
19	25021	I4702.b07	59
20	25021	4232T0	60
21	25021	4232T0	61
22	25021	4232T1M	62
23	25021	4232T1M	63
24	25021	4232T2	64
25	25021	4232T2	65
26	4202T0	4232T3M	66
27	4202T0	4232T3M	67
28	4202T1M	25341	68
29	4202T1M	25341	69
30	4202T2	25381	70
31	4202T2	25381	71
32	4202T3M	I4312.b07	72
33	4202T3M	25401	73
34	25321	25401	74
35	25321	04732.b07	75
36	25361	SPARE	76
37	25361	SPARE	77
38	9071	SPARE	78
39	9071	SPARE	79
40	9071	SPARE	80

TERMINAL STRIP T3 30 TERMINALS			
24VDC CIRCUITRY			
TERM.	TOP	BOTTOM	TERM.
1	25061	3311F	31
2	25061	3311F	32
3	25061	3311F	33
4	25061	3311F	34
5	25061	3311F	35
6	ENC1-A	3311F	36
7	ENC1-A	3311F	37
8	ENC1-A*	3311F	38
9	ENC1-A*	3311F	39
10	ENC1-B	3311F	40
11	ENC1-B	3311F	41
12	ENC1-B*	3311F	42
13	ENC1-B*	3311F	43
14	ENC2-A	3311F	44
15	ENC2-A	3311F	45
16	ENC2-A*	EN C2-B*	46
17	ENC2-A*	EN C2-B*	47
18	ENC2-B	SPARE	48
19	ENC2-B	SPARE	49
20	SPARE	SPARE	50
21	SPARE	SPARE	51
22	SPARE	SPARE	52
23	SPARE	SPARE	53
24	SPARE	SPARE	54
25	SPARE	SPARE	55
26	SPARE	SPARE	56
27	SPARE	SPARE	57
28	SPARE	SPARE	58
29	SPARE	SPARE	59
30	SPARE	SPARE	60

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LEGEND

TERMINAL LOCATED OUTSIDE THIS ENCLOSURE  
▲ DEVICE OUTSIDE THIS ENCLOSURE  
---- WIRING TO FIELD DEVICE

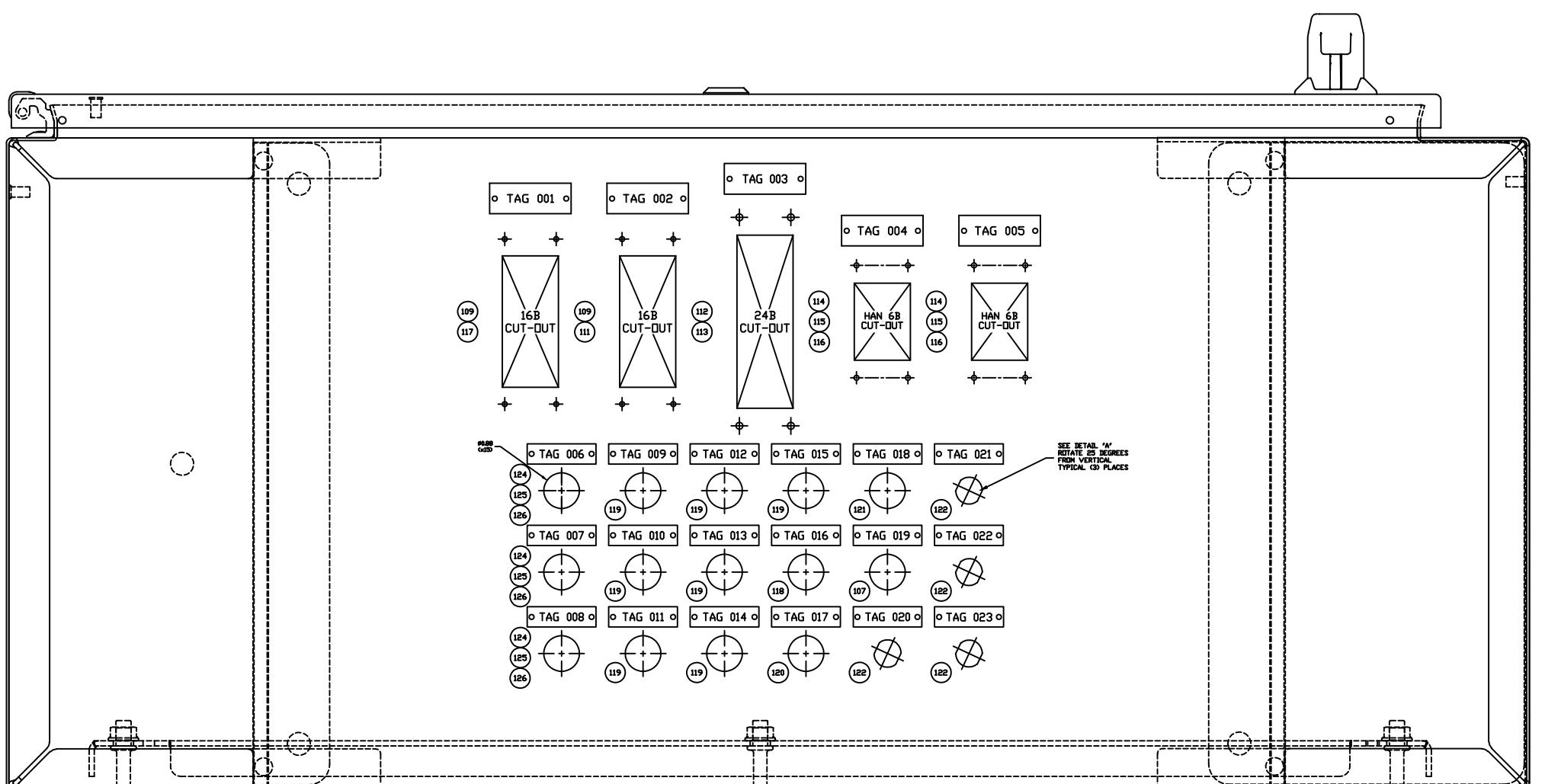
**PROJECT/PACKAGE DESCRIPTION:** 22-170 - Stellaris WTAP SMARTInspect  
**TITLE:** PROGRAMMABLE AUTOMATION CONTROLLER (PAC)  
**CA**

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<b>DESIGNER:</b> DY	<b>ENGINEER:</b> DY
<b>DATE:</b> 04/2022	<b>APPROVED:</b> BM
<b>SCALE:</b> N/A	
<b>PROJECT NUMBER:</b> 2470	
<b>DRAWING NUMBER:</b> IE-2470-111	
<b>SHEET NUMBER:</b> 065 OF 072	

RELEASE	SYN.	DESCRIPTION	DATE	BY
-	A	INITIAL RELEASE	04/22 DY	BM
-	B	MOD BUILD UPDATE	10/22 IS	BM
-	C	INSTALL UPDATE	11/22 BM	BM
-	D	FINAL AS BUILT	12/22 DY	BM

TAG NUMBER	0.75" x 2.00" TAG NAME	CONNECTOR DESCRIPTION
066-01	COVER	COVER PLATE
066-02	HMI I/O	16 PIN HARTING FEMALE
066-03	PD2CBL	24 PIN HARTING MALE
066-04	TP1CBL2	10 PIN HARTING FEMALE
066-05	ACCBL3	10 PIN HARTING FEMALE
066-06	ENCCBL1	CORDGRIP
066-07	ENCCBL2	CORDGRIP
066-08	TP1ENC	CORDGRIP
066-09	4702PRX	4 PIN M12 FEMALE
066-10	4717PRX	4 PIN M12 FEMALE
066-11	2532PE	4 PIN M12 FEMALE
066-12	2534PE	4 PIN M12 FEMALE

TAG NUMBER	0.75" x 2.00" TAG NAME	CONNECTOR DESCRIPTION
066-13	2536PE	4 PIN M12 FEMALE
066-14	2538PE	4 PIN M12 FEMALE
066-15	2540PE	4 PIN M12 FEMALE
066-16	BEACBL	5 PIN M12 FEMALE
066-17	COVER	7/8" MINI 3PIN FEMALE
066-18	2304ENET	7/8" MINI 4PIN FEMALE
066-19	SPARE	COVER PLATE
066-20	ENET-PLC1	4 PIN M12 ENET BULKHEAD
066-21	ENET-PLC2	4 PIN M12 ENET BULKHEAD
066-22	ENET-PLC3	4 PIN M12 ENET BULKHEAD
066-23	ENET-PORT	4 PIN M12 ENET BULKHEAD



CUSTOMER:	FCA	FACILITY/LOCATION	AREA/ZONE:	TERMINAL LOCATED OUTSIDE THIS ENCLOSURE	
				◎	◆
PROJECT/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTinspect				DEVICE OUTSIDE THIS ENCLOSURE	
				--- WIRING TO FIELD DEVICE	
PROGRAMMABLE AUTOMATION CONTROLLER (PAC) EXTERIOR VIEW - PANEL BOTTOM LAYOUT					
 <a href="http://WWW.INOVISION.COM">WWW.INOVISION.COM</a>					
DESIGNER:	ENGINEER:				
DY	DY				
DATE:	APPROVED:				
04/2022	BM				
SCALE:	N/A				
PROJECT NUMBER:	2470				
DRAWING NUMBER:	IE-2470-111				
SHEET NUMBER:	066 DF 072				

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6700		6730
6701		6731
6702		6732
6703		6733
6704		6734
6705		6735
6706		6736
6707		6737
6708		6738
6709		6739
6710	SPARE SHEET	6740
6711		6741
6712		6742
6713		6743
6714		6744
6715		6745
6716		6746
6717		6747
6718		6748
6719		6749
6720		6750

CUSTOMER:	FCA	FACILITY/LOCATION	AREA/ZONE:	RELEASE SYM.	DESCRIPTION	DATE BY CHK.
				- A	INITIAL RELEASE	04/22 DY BM
				- B	MOD BUILD UPDATE	10/22 IS BM
				- C	INSTALL UPDATE	11/22 BM BM
				- D	FINAL AS BUILT	12/22 DY BM
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<b>LEGEND</b>  TERMINAL LOCATED OUTSIDE THIS ENCLOSURE  DEVICE OUTSIDE THIS ENCLOSURE - - - WIRING TO FIELD DEVICE						
PROJECT/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTinspect TITLE: PROGRAMMABLE AUTOMATION CONTROLLER (PAC) SPARE SHEET						
 <a href="http://WWW.INOVISION.COM">WWW.INOVISION.COM</a> DESIGNER: DY ENGINEER: DY DATE: 04/2022 APPROVED: BM SCALE: N/A PROJECT NUMBER: 2470 DRAWING NUMBER: IE-2470-111 SHEET NUMBER: 067 OF 072						

HMI I/O  
HUMAN MACHINE INTERFACE (24VDC)  
#14 AWG WIRE TYPICAL

PIN NUMBERS	WIRE NUMBERS	COLOR
1	I4232.b00	B
2	I4232.b01	B
3	24021	B
4	COM	B
5	4232T0	B
6	4232T1M	B
7	24021	B
8	24021	B
9	I4302.b02	B
10	I4302.b03	B
11	SPARE	B
12	SPARE	B
13	SPARE	B
14	SPARE	B
15	SPARE	B
16	SPARE	B
	PD1CBL-GND	G/Y

CABLE PD2CBL  
POWER DISTRIBUTION (24VDC)  
#14 AWG WIRE TYPICAL

PIN NUMBERS	WIRE NUMBERS	COLOR
1	9033A	W/D
2	9033B	W/D
3	9051	B/D
4	9071	B/D
5	3311F	W/B
6	3311G	W/B
7	3311H	W/B
8	11321	B
9	11341	B
10	11361	B
11	04502.b02	B
12	04502.b03	B
13	04502.b04	B
14	04502.b05	B
15	04502.b06	B
16	04502.b07	B
17	04532.b01	B
18	04532.b02	B
19	04532.b03	B
20	SPARE	B
21	SPARE	B
22	SPARE	B
23	24021	B/D
24	I4302.b00	B/D
	PD2CBL-GND	G/Y

CABLE ACCBL3  
SERVER PANEL (24VDC)  
#14 AWG WIRE TYPICAL

PIN NUMBERS	WIRE NUMBERS	COLOR
1	25021	B
2	I4702.b02	B
3	I4702.b03	B
4	I4702.b01	B
5	SPARE	B
6	25021	B
7	I4702.b04	B
8	SPARE	B
9	SPARE	B
10	SPARE	B
	ACCBL3	G/Y

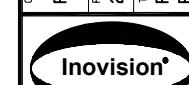
CABLE TP1CBL2  
TRIGGER PANEL #1 (24VDC)  
#14 AWG WIRE TYPICAL

PIN NUMBERS	WIRE NUMBERS	COLOR
1	04732.b07	B
2	25321	B
3	25341	B
4	25361	B
5	25381	B
6	25401	B
7	SPARE	B
8	SPARE	B
9	SPARE	B
10	SPARE	B
	TP1CBL2-GND	G/Y

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LEGEND  
 ☺ TERMINAL LOCATED OUTSIDE THIS ENCLOSURE  
 ◀ DEVICE OUTSIDE THIS ENCLOSURE  
 - - - WIRING TO FIELD DEVICE

CUSTOMER: FCA  
 FACILITY/LOCATION  
 AREA/ZONE  
 PROJECT/PACKAGE DESCRIPTION  
 2470 - Stellantis WTAP SMARTinspect  
 TITLE  
 PROGRAMMABLE AUTOMATION CONTROLLER (PAC)  
 PIN CONNECTOR CHART



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DESIGNER: DY	ENGINEER: DY
DATE: 04/2022	APPROVED: BM
SCALE: N/A	
PROJECT NUMBER: 2470	
DRAWING NUMBER: IE-2470-111	
SHEET NUMBER: 068	OF 072

-----NOTE-----  
 THE USE OF WIRE FERRULES IS  
 REQUIRED ON ALL PANEL WIRING

ALL RECEPTACLE GROUNDS  
 USE GREEN WIRE  
 WIRE COLORS

B BLUE  
 W/B WHITE/BLUE  
 O ORANGE  
 B/D BLUE/ORANGE  
 W/D WHITE/ORANGE  
 G/Y GREEN/YELLOW

GROUND ALL HARTING RECEPTACLES  
 AT HOUSING AS REQUIRED

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LEGEND  
◎ TERMINAL LOCATED OUTSIDE THIS ENCLOSURE  
◆ DEVICE OUTSIDE THIS ENCLOSURE  
- - - - WIRING TO FIELD DEVICE

CUSTOMER: FCA | FACILITY/LOCATION | AREA/ZONE:  
PROJECT/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTinspect  
TITLE: PROGRAMMABLE AUTOMATION CONTROLLER (PAC)  
SPARE SHEET

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DESIGNER: DY | ENGINEER: DY

DATE: 04/2022 | APPROVED: BM

SCALE: N/A

PROJECT NUMBER: 2470

DRAWING NUMBER: IE-2470-111

SHEET NUMBER: 069 OF 072

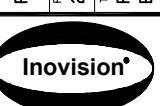


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LEGEND  
① TERMINAL LOCATED OUTSIDE THIS ENCLOSURE  
▲ DEVICE OUTSIDE THIS ENCLOSURE  
— WIRING TO FIELD DEVICE

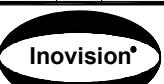
CUSTOMER: FCA | FACILITY/LOCATION: AREA/ZONE:  
PROJECT/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTinspect  
TITLE: PROGRAMMABLE AUTOMATION CONTROLLER (PAC)  
EXTERIOR VIEW - SIDES

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DESIGNER: DY | ENGINEER: DY  
DATE: 04/2022 | APPROVED: BM  
SCALE: N/A  
PROJECT NUMBER: 2470  
DRAWING NUMBER: IE-2470-111  
SHEET NUMBER: 070 OF 072



7100	7130
7101	7131
7102	7132
7103	7133
7104	7134
7105	7135
7106	7136
7107	7137
7108	7138
7109	7139
SPARE SHEET	
7110	7140
7111	7141
7112	7142
7113	7143
7114	7144
7115	7145
7116	7146
7117	7147
7118	7148
7119	7149
7120	7150

SPARE SHEET

CUSTOMER: FCA	FACILITY/LOCATION PROJECT/PACKAGE DESCRIPTION: 2470 - Stellantis WTAP SMARTinspect	AREA/ZONE: TITLE: PROGRAMMABLE AUTOMATION CONTROLLER (PAC) SPARE SHEET	LEGEND		DATE BY CHK. 04/22 DY BM
			RELEASE	SYN.	
① TERMINAL LOCATED OUTSIDE THIS ENCLOSURE ◀ DEVICE OUTSIDE THIS ENCLOSURE — — WIRING TO FIELD DEVICE		A INITIAL RELEASE B MOD BUILD UPDATE C INSTALL UPDATE D FINAL AS BUILT	DATE BY CHK. 10/22 IS BM 11/22 BM BM 12/22 DY BM		
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 <a href="http://WWW.INOVISION.COM">WWW.INOVISION.COM</a>					
DESIGNER: DY	ENGINEER: DY				
DATE: 04/2022	APPROVED: BM				
SCALE: N/A					
PROJECT NUMBER: IE-2470-111					
SHEET NUMBER: 071 OF 072					

INOVISION PROGRAMMABLE AUTOMATION CONTROLLER (PAC)							
ITEM	SHEET	QTY.	MANUFACTURER	DESCRIPTION	MFG. PART NUMBER	SP	SB
100	064	1	SCE	NEMA ENCLOSURE 48.00" H X 37.38" W X 16.00" D	SCE-48KEL3716LP	N	P
101	064	1	SCE	SUBPLATE 44.94" H X 32.94" W	SCE-48P36	N	P
102	064	1	SCE	FLOOR KIT, 12" H X 16" W	SCE-FK1216	N	P
103	064	1	SCE	FRAME WINDOW, 19.5" H X 13.5" W	SCE-PWK1711NF	N	P
104	064	1	PROGRAMPORTS.COM	PROGRAM PORT / 120V/AC RECEPTACLE/USBA/ENET	PPDO-USBA/EN-BH	N	P
105	064	1	HOFFMAN	10' FILTER FAN PACKAGE -24/DC	HF1024414	N	P
106	064	1	HOFFMAN	10' EXHAUST GRILL KIT	HG1000404	N	P
107	066	1	HOFFMAN	HOLE PLUG 0.88" ANSI 61 GRAY	ASPB6	N	P
108	-	-	-	-	-	-	-
109	066	2	HARTING	16 PIN BULKHEAD HOUSING B16	09300160301	N	P
110	066	0	HARTING	HAN E 168 16 POS. MALE SCREW INSERT	09330162601	N	P
111	066	1	HARTING	HAN E 168 16 POS. FEMALE SCREW INSERT	09330162701	N	P
112	066	1	HARTING	24 PIN BULKHEAD HOUSING B24	09300240301	N	P
113	066	1	HARTING	HAN E 24B 24 POS. MALE SCREW INSERT	09330242601	N	P
114	066	2	HARTING	10 PIN BULKHEAD HOUSING 6B	09300060301	N	P
115	066	2	HARTING	HAN EE 10 POSITION FEMALE INSERT	09320103101	N	P
116	066	20	HARTING	16AWG FEMALE CRIMP CONTACT	09330006216	N	P
117	066	1	HARTING	16B HOUSING COVER	09300165405	N	P
118	066	1	LUMBERG	5 PIN M12 FEMALE RECEPTACLE	RKF5-1/2-14-2M	N	P
119	066	7	LUMBERG	4 PIN M12 FEMALE RECEPTACLE	RKF4-1/2-14-6F	N	P
120	066	1	LUMBERG	7/8" MINI RECEPTACLE, 3 PIN FEMALE	RKF30-638/6F	N	P
121	066	1	LUMBERG	7/8" MINI RECEPTACLE, 4 PIN FEMALE	RKF40-693/2M	N	P
122	066	4	AMPHENOL	4 PIN M12 FEMALE D-CODED TO RJ45 BULKHEAD	RJS-12D04FF-RS8001	N	P
123	-	-	-	-	-	-	-
124	066	3	THOMAS & BETTS	1/2" NPT CORD GRIP (0.25"-0.375")	2521	N	P
125	066	3	THOMAS & BETTS	1/2" LOCKNUT	141	N	P
126	066	3	THOMAS & BETTS	LIQUIDTIGHT SEALING GASKET	5262	N	P
127	-	-	-	-	-	-	-
128	065	2	OMRON	SAFETY RELAY 24VDC 3 N.O. 1 N.C	G75A-3A1B-DC24	Y	P
129	065	2	OMRON	G75A RELAY PUSH-IN SOCKET , 4 POLE	P75A-10F-ND-PU DC24	Y	P
130	065	2	AUTOMATION DIRECT	ENCODER SIGNAL CONDITIONER	FC-ISO-D	Y	P
131	065	1	HIRSCHMANN	RS20 16-PORT MANAGED SWITCH	943434023	Y	P
132	065	1	ALLEN-BRADLEY	LOGIX 10 SLOT CHASSIS	1756-A10	Y	P
133	065	1	ALLEN-BRADLEY	LOGIX POWER SUPPLY (24VDC INPUT)	1756-PB72	Y	P
134	065	1	ALLEN-BRADLEY	GUARDLOGIX, 1GB ETHERNET CONTROLLER	1756-L83E5	Y	P
135	065	1	ALLEN-BRADLEY	LOGIX ETHERNET MODULE	1756-EN2T	Y	P
136	065	8	ALLEN-BRADLEY	LOGIX EMPTY SLOT COVER	1756-N2	Y	P
137	065	1	ALLEN-BRADLEY	POINT I/O ETHERNET ADAPTER	1734-AENTR	Y	P
138	065	1	ALLEN-BRADLEY	POINT I/O FIELD POWER DISTRIBUTOR	1734-FPD	Y	P
139	065	1	ALLEN-BRADLEY	POINT I/O POWER EXPANSION MODULE	1734-EP24DC	Y	P
140	065	3	ALLEN-BRADLEY	POINT I/O SAFETY INPUT SAFETY MODULE	1734-IB8S	Y	P
141	065	2	ALLEN-BRADLEY	POINT I/O OUTPUT SAFETY MODULE	1734-OB8S	Y	P
142	065	4	ALLEN-BRADLEY	POINT I/O INPUT MODULE	1734-IB8	Y	P
143	065	1	ALLEN-BRADLEY	POINT I/O OUTPUT MODULE	1734-OB8	Y	P
144	065	2	ALLEN-BRADLEY	POINT I/O HIGH SPEED COUNTER MODULE	1734-VHSC24	Y	P
145	065	19	ALLEN-BRADLEY	POINT I/O TERMINAL BASE UNIT	1734-TB	Y	P
146	-	-	-	-	-	-	-
147	065	4	PHOENIX CONTACT	35MM DIN RAIL, NS 35/7.5 PERF	0801733	N	P
148	065	1	PHOENIX CONTACT	1 POLE CIRCUIT BREAKER 2 AMP	2907559	Y	P
149	065	2	PHOENIX CONTACT	1 POLE CIRCUIT BREAKER 5 AMP	2907562	Y	P
150	065	90	PHOENIX CONTACT	TWO CIRCUIT MINI TERMINAL BLOCK	3210567	N	P
151	065	3	PHOENIX CONTACT	TERMINAL END COVER	3211634	N	P
152	065	10	PHOENIX CONTACT	TERMINAL END CLAMP	0800886	N	P
153	065	1	PHOENIX CONTACT	20 POSITION TERMINAL JUMPER	3030226	N	P
154	065	2	PHOENIX CONTACT	10 POSITION TERMINAL JUMPER	3030213	N	P
155	065	6	PHOENIX CONTACT	5 POSITION TERMINAL JUMPER	3030190	N	P
156	065	23	PHOENIX CONTACT	2 POSITION TERMINAL JUMPER	3030161	N	P
157	-	-	-	-	-	-	-
158	-	-	-	-	-	-	-
159	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-
161	-	-	-	-	-	-	-
162	-	-	-	-	-	-	-
163	-	-	-	-	-	-	-
164	-	-	-	-	-	-	-
165	-	-	-	-	-	-	-
166	-	-	-	-	-	-	-
167	-	-	-	-	-	-	-
168	-	-	-	-	-	-	-
169	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-
171	-	-	-	-	-	-	-
172	065	1	ILSCO	GROUND BAR	D167-8	N	P
173	065	6	THOMAS & BETTS	WIRE DUCT 2.00" X 4.00" X 6FT	TY2X4RPG6	N	P
174	065	6	THOMAS & BETTS	WIRE DUCT COVER 2.00" X 6FT	TY2CPG6	N	P
175	065	4	THOMAS & BETTS	DUCT DIVIDER, 6 FT.	9900D	N	P
176	-	-	-	-	-	-	-
177	063	1	INOVISION	INOVISION TAG	IE-1000-100-001	N	I
178	063	1	BRADY-INOVISION	CUSTOM ARC FLASH TAG	B30-25-595-ANSIWA	N	I
179	63/66	A/R	PANEL BUILDER	CUSTOM LAMACOID TAGS (SHEETS 63, AND 66)	CUSTOM	N	P
180	065	A/R	PANEL BUILDER	CUSTOM SIT TRACK AND TAGS	CUSTOM	N	P
		SP	SPARE PARTS	Y = YES, N = NO		X	
		SB	SUPPLIED BY	P = PANEL BUILDER, I = INTEGRATOR, C = CUSTOMER		X	

CUSTOME:		FCA	FACILITY/LOCATION		AREA/ZONE:	RELEASE SYN.		DATE	BY	CHK.
PROJECT/PACKAGE DESCRIPTION:		2470 - Stellantis WTAP SMARTinspect		② TERMINAL LOCATED OUTSIDE THIS ENCLOSURE		A INITIAL RELEASE		04/22	DY	BM
				◆ DEVICE OUTSIDE THIS ENCLOSURE		B MOD BUILD UPDATE		10/22	IS	BM
				— — WIRING TO FIELD DEVICE		C INSTALL UPDATE		11/22	BM	BM
						D FINAL AS BUILT		12/22	DY	BM
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DESIGNER:		ENGINEER:	DATE:		APPROVED:	TITLE:		DRAWING NUMBER:		
FCA			04/2022		BM	PROGRAMMABLE AUTOMATION CONTROLLER (PAC)		IE-2470-111		
PROJECT NUMBER:		SCALE:		N/A		BILL OF MATERIALS		SHEET NUMBER:		
2470								072 DF 072		