

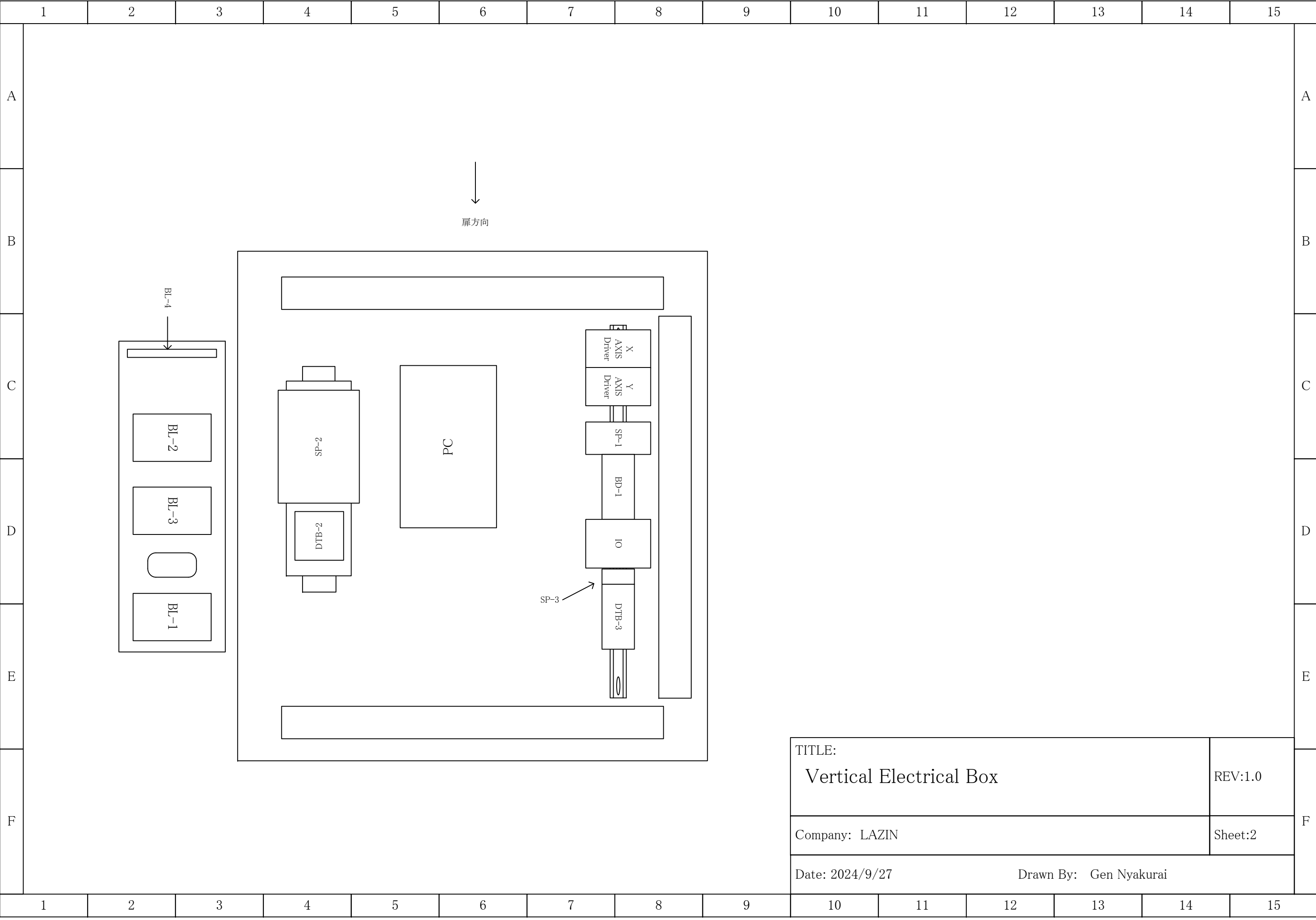
Confidential

Lodas MT-BI12 Electrical Schematic Diagram

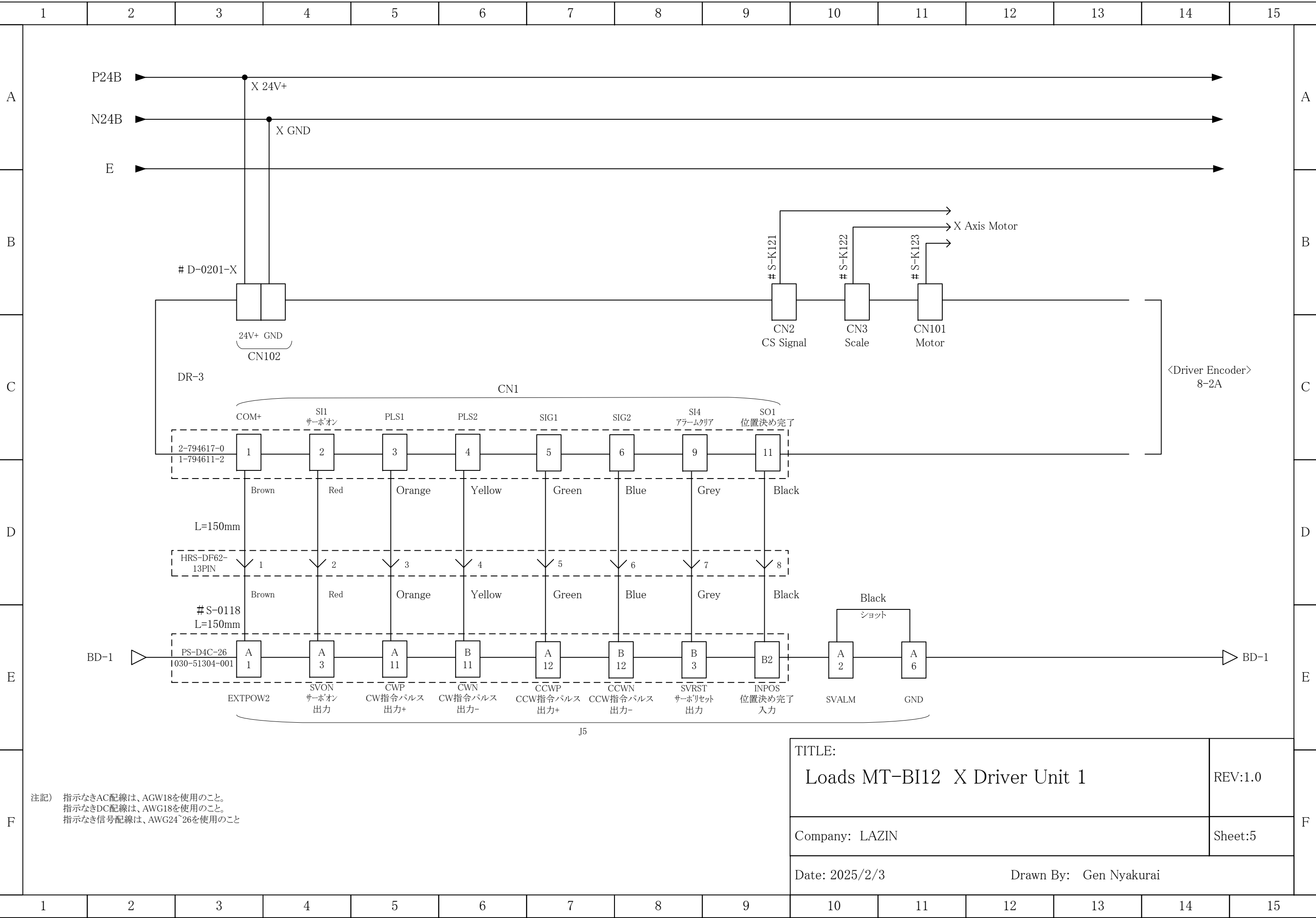
R5:電磁弁コネクタ型式追加

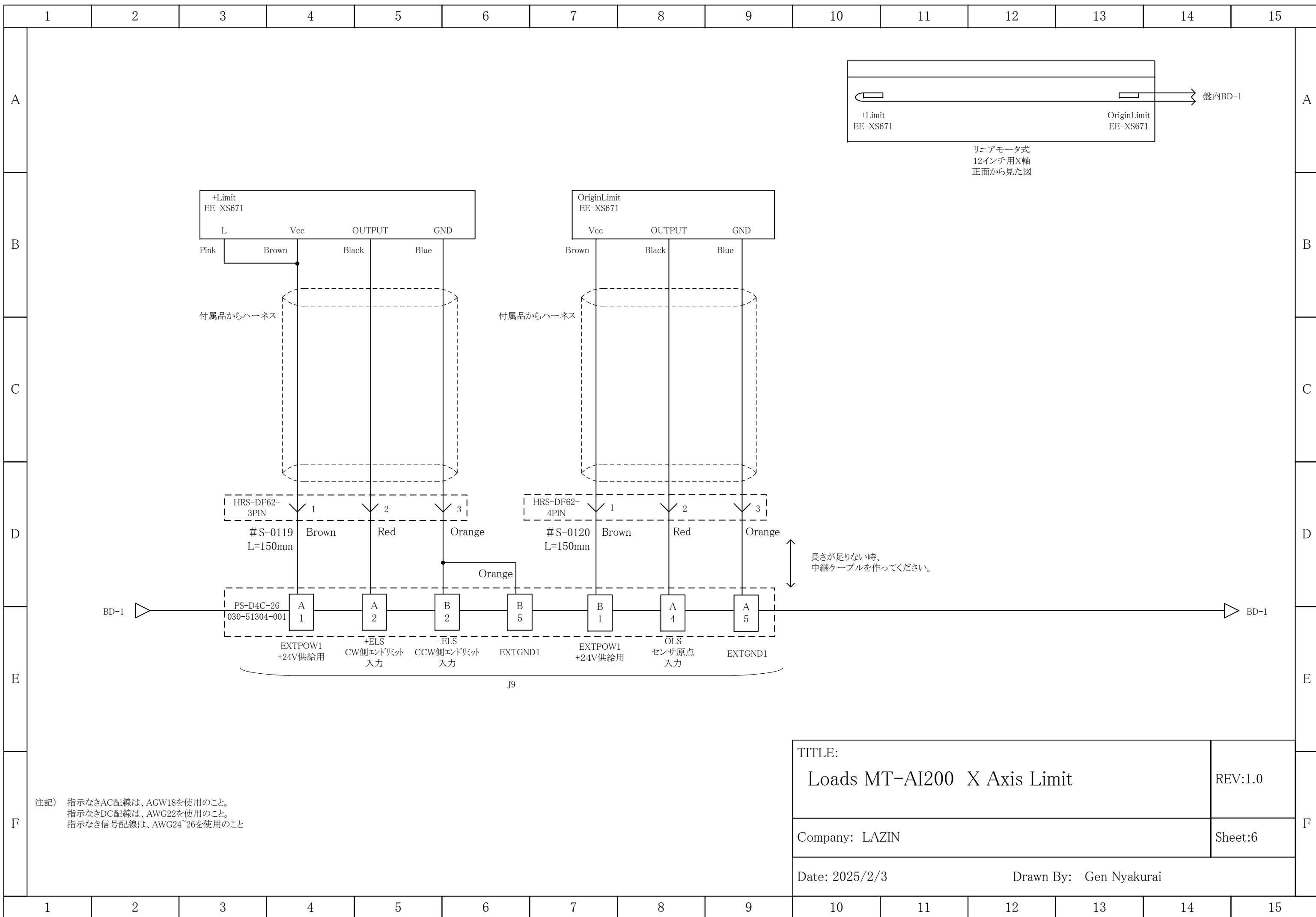
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A	<div>Bill of Materials (BOM)</div> <table><tr><th>Ltem</th><th>Product Name</th><th>Model Number</th><th>Location</th></tr><tr><td>BL-1</td><td>100V~200V Power Supply Input Terminal Block</td><td>MT-30-4PK</td><td>4-2A</td></tr><tr><td>BL-2</td><td>100-440V 10A Breaker</td><td>NV32-SV</td><td>4-2B</td></tr><tr><td>BL-3</td><td>600V 20A Kye Switch</td><td>RC310f-2M2101J 2ノッチキフヌケ</td><td>4-2C</td></tr><tr><td>BL-4</td><td>Earth Bar</td><td>MTS-M4-3P</td><td>4-1B</td></tr><tr><td>SP-1</td><td>Optical Switch Power (Black)</td><td>S8CK-G12024</td><td>4-4C</td></tr><tr><td>SP-2</td><td>Driver Switch Power (Silver)</td><td>S8FS-G60024C-500</td><td>4-10B</td></tr><tr><td>SP-3</td><td>IO Control Power Supply</td><td>PYBE30-Q24-S5-DIN</td><td>4-10E</td></tr><tr><td>MO-1</td><td>Montor</td><td>27E1N5600AE/11</td><td>4-4E</td></tr><tr><td>FFU-1 仮</td><td>FFU (Fan Filter Unit)</td><td>MAC-ⅡA-250DCCONUL-21</td><td>4-11C</td></tr><tr><td rowspan="5">DTB-1</td><td>Terminal Block End Stop</td><td>249-116</td><td>4-1C</td></tr><tr><td>100V~200V Terminal Block</td><td>2004-1301</td><td>4-1C</td></tr><tr><td>100V~200V Terminal Block Jumper</td><td>2004-402</td><td>4-1C</td></tr><tr><td>100V~200V Terminal Block End Plate</td><td>2004-1492</td><td>4-1C</td></tr><tr><td>100V~200V Terminal Block Earth</td><td>2004-1307</td><td>4-1C</td></tr><tr><td rowspan="3">DTB-2</td><td>DC24V Terminal Block</td><td>2001-1401</td><td>4-12B</td></tr><tr><td>DC24V Terminal Block Jumper</td><td>2001-304</td><td>4-12B</td></tr><tr><td>DC24V Terminal Block End Plate</td><td>2001-1492</td><td>4-12B</td></tr><tr><td rowspan="3">DTB-3</td><td>DC24V Terminal Block</td><td>2001-1401</td><td>4-10D</td></tr><tr><td>DC24V Terminal Block Jumper</td><td>2001-304</td><td>4-10D</td></tr><tr><td>DC24V Terminal Block End Plate</td><td>2001-1492</td><td>4-10D</td></tr><tr><td>DR-2</td><td>Y AXIS Driver</td><td>AZD-KX</td><td>6-2C</td></tr><tr><td>DR-3</td><td>X NPMAXIS Driver</td><td>MMDHT2C09LA4A5ML</td><td>5-2C</td></tr><tr><td>BD-1</td><td>Drive Signal Transfer Board</td><td>ACB-HU1004</td><td>2-4C</td></tr><tr><td>IO-1</td><td>IO USB</td><td>HUSB-GN00M</td><td>2-5C</td></tr><tr><td>IO-2</td><td>IO BOARD</td><td>HEM-D1616M</td><td>2-5C</td></tr><tr><td>IO-3</td><td>IO IN IC</td><td>HD-INN8</td><td>2-5C</td></tr><tr><td>IO-4</td><td>IO OUT IC</td><td>HD-OTD8</td><td>2-5C</td></tr><tr><td>SW-4</td><td>Stage Pressure Gauge</td><td>AP-C31</td><td>16-8C</td></tr><tr><td>DO-1</td><td>Door Switch</td><td>D2D-2000</td><td>11-6B</td></tr><tr><td>DO-2</td><td>Door Switch</td><td>D2D-2000</td><td>11-7B</td></tr><tr><td>SV-2</td><td>Wafer suction SV</td><td>V200E1-21-L DC24V</td><td>15-6B</td></tr><tr><td>LED-1</td><td>LED for In-Cabin Lighting</td><td>-</td><td>11-11B</td></tr><tr><td>EMO-1</td><td>Emergency Stop Switch</td><td>FB1W-XW1E-BV404MRH-EMO-Y4</td><td>16-7C</td></tr><tr><td>IAI-1</td><td>12Series Wafer Elevator</td><td>EC-S6L-100-S2-B-WA</td><td>13-3B</td></tr><tr><td>PL-2</td><td>Horizontal Type Warning Light</td><td>WE-402FB-RYGB</td><td>10-10B</td></tr><tr><td>RL-1</td><td>Relay</td><td>788-321</td><td>15-5C</td></tr></table>													Ltem	Product Name	Model Number	Location	BL-1	100V~200V Power Supply Input Terminal Block	MT-30-4PK	4-2A	BL-2	100-440V 10A Breaker	NV32-SV	4-2B	BL-3	600V 20A Kye Switch	RC310f-2M2101J 2ノッチキフヌケ	4-2C	BL-4	Earth Bar	MTS-M4-3P	4-1B	SP-1	Optical Switch Power (Black)	S8CK-G12024	4-4C	SP-2	Driver Switch Power (Silver)	S8FS-G60024C-500	4-10B	SP-3	IO Control Power Supply	PYBE30-Q24-S5-DIN	4-10E	MO-1	Montor	27E1N5600AE/11	4-4E	FFU-1 仮	FFU (Fan Filter Unit)	MAC-ⅡA-250DCCONUL-21	4-11C	DTB-1	Terminal Block End Stop	249-116	4-1C	100V~200V Terminal Block	2004-1301	4-1C	100V~200V Terminal Block Jumper	2004-402	4-1C	100V~200V Terminal Block End Plate	2004-1492	4-1C	100V~200V Terminal Block Earth	2004-1307	4-1C	DTB-2	DC24V Terminal Block	2001-1401	4-12B	DC24V Terminal Block Jumper	2001-304	4-12B	DC24V Terminal Block End Plate	2001-1492	4-12B	DTB-3	DC24V Terminal Block	2001-1401	4-10D	DC24V Terminal Block Jumper	2001-304	4-10D	DC24V Terminal Block End Plate	2001-1492	4-10D	DR-2	Y AXIS Driver	AZD-KX	6-2C	DR-3	X NPMAXIS Driver	MMDHT2C09LA4A5ML	5-2C	BD-1	Drive Signal Transfer Board	ACB-HU1004	2-4C	IO-1	IO USB	HUSB-GN00M	2-5C	IO-2	IO BOARD	HEM-D1616M	2-5C	IO-3	IO IN IC	HD-INN8	2-5C	IO-4	IO OUT IC	HD-OTD8	2-5C	SW-4	Stage Pressure Gauge	AP-C31	16-8C	DO-1	Door Switch	D2D-2000	11-6B	DO-2	Door Switch	D2D-2000	11-7B	SV-2	Wafer suction SV	V200E1-21-L DC24V	15-6B	LED-1	LED for In-Cabin Lighting	-	11-11B	EMO-1	Emergency Stop Switch	FB1W-XW1E-BV404MRH-EMO-Y4	16-7C	IAI-1	12Series Wafer Elevator	EC-S6L-100-S2-B-WA	13-3B	PL-2	Horizontal Type Warning Light	WE-402FB-RYGB	10-10B	RL-1	Relay	788-321	15-5C	A
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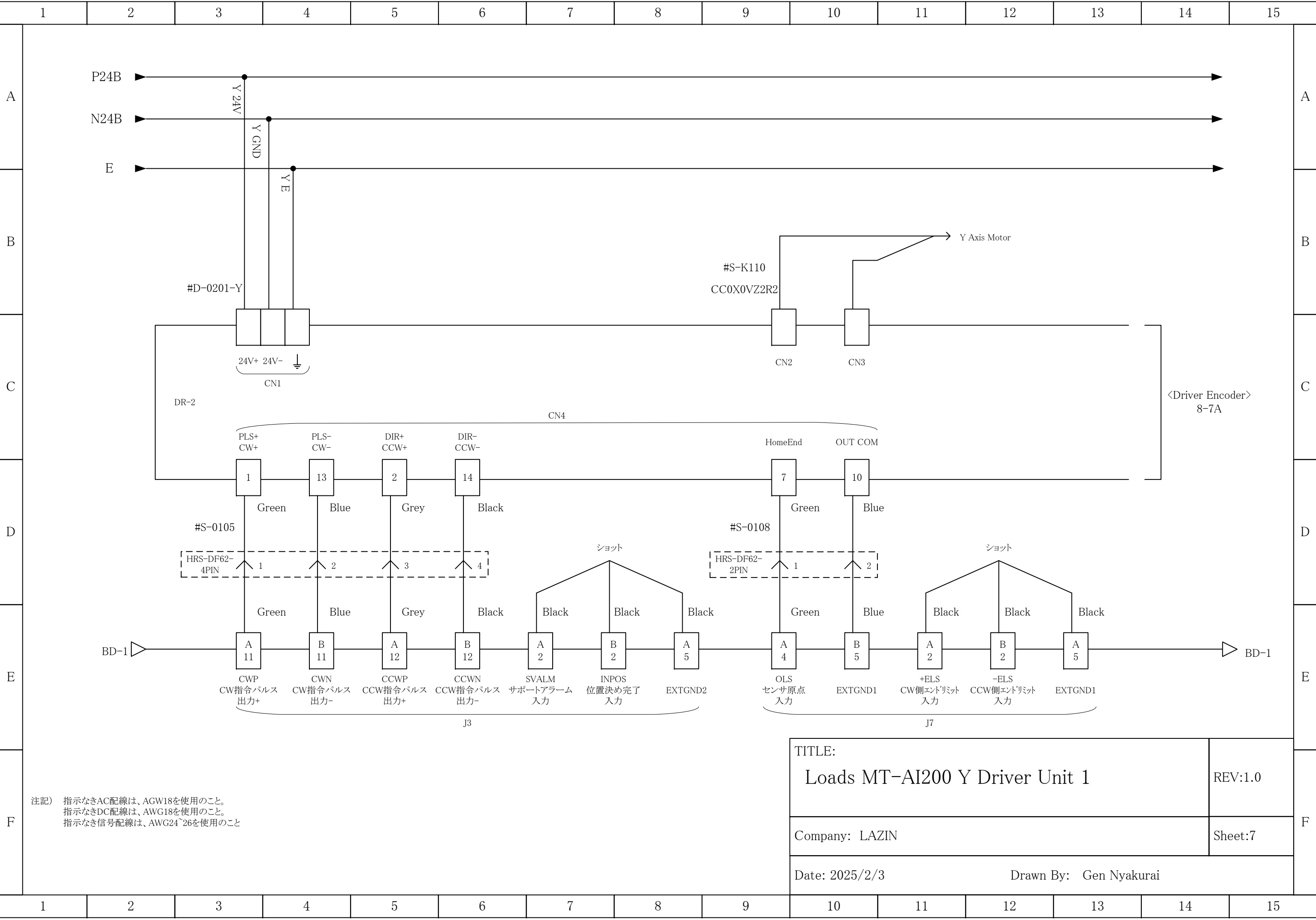
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A	<div>電源要求:</div> <div>①本製品は単相三線 (R、S、E)</div> <div>②本製品は100V\sim220V\pm10% 10A</div> <div>③電源端子はM4端子 (RBV1.25-4) で固定</div> <div>④線色は、Rは赤、Sは黒、Eは緑</div> <div>⑤電源端子にR、S、Eを明記のこと</div> <div>⑥ケーブル部品端子でツイストすることです</div> <div>線番要求:</div> <div>①マークチューブは白を使用のこと。</div> <div>②下図点線のように記載すること。</div> <div>③線番付け方向は問わず、分かれば良いのこと。</div> <div>④線番はケーブルの両端、中継の左右を付けること。</div> <div>図①</div> <div>2</div> <div>図②</div> <div>図③</div>													A
B	<div>IO基板要求:</div> <div>①1つのコネクタに2つのICをコントロールのこと。</div> <div>②図面通り、1つのICに24V電源はP24B、N24Bから供給のこと。</div> <div>③IOボード構成は下図の通りのこと。</div> <div>④IOボードは通信ボードと拡張ボードを構成してる。</div> <div>⑤INボードにOUTICを使用しないこと。</div> <div>⑥ボードの組み立ては仕様書にて確認のこと。</div> <div>1-4枚</div> <div>2</div>													B
C	<div>コネクタ要求:</div> <div>①HRS-DF62シリーズコネクタは図面内に詳細書かない。</div> <div>②指示なきピンアサインは、現地合わせ結線のこと。</div> <div>③オスorメスは下図通りのこと。</div> <div>④圧着端子は丸端子を使用のこと。</div> <div>⑤HRS-DF62シリーズの詳細型式: ([X]はPIN数)</div> <div>メスコネクタ (白): DF62B-[X]S-2 2C</div> <div>メスコネクタ: DF62-2428SCA</div> <div>オスコネクタ (黒): DF62B-[X]EP-2.2C</div> <div>オスコンタクト: DF62-EP2428PCA</div> <div>圧着工具: HT801/DF62-2428 (10)</div> <div>2</div> <div>図①</div> <div>図②</div> <div>図③</div>													C
D	<div>電線要求:</div> <div>①指示なきAC配線は、AGW18を使用のこと。</div> <div>②指示なきDC配線は、AWG18を使用のこと。</div> <div>③指示なき信号配線は、AWG24\sim26を使用のこと。</div> <div>④指示なき長さは、現地合わせ。指示がある場合はmm単位を省略します。</div> <div>⑤指示なき信号線色は、茶赤橙黄緑青灰黒順を結線のこと。</div> <div>⑥指示なき「Attached cable」は、加工しないこと。</div> <div>1</div> <div>2</div>													D
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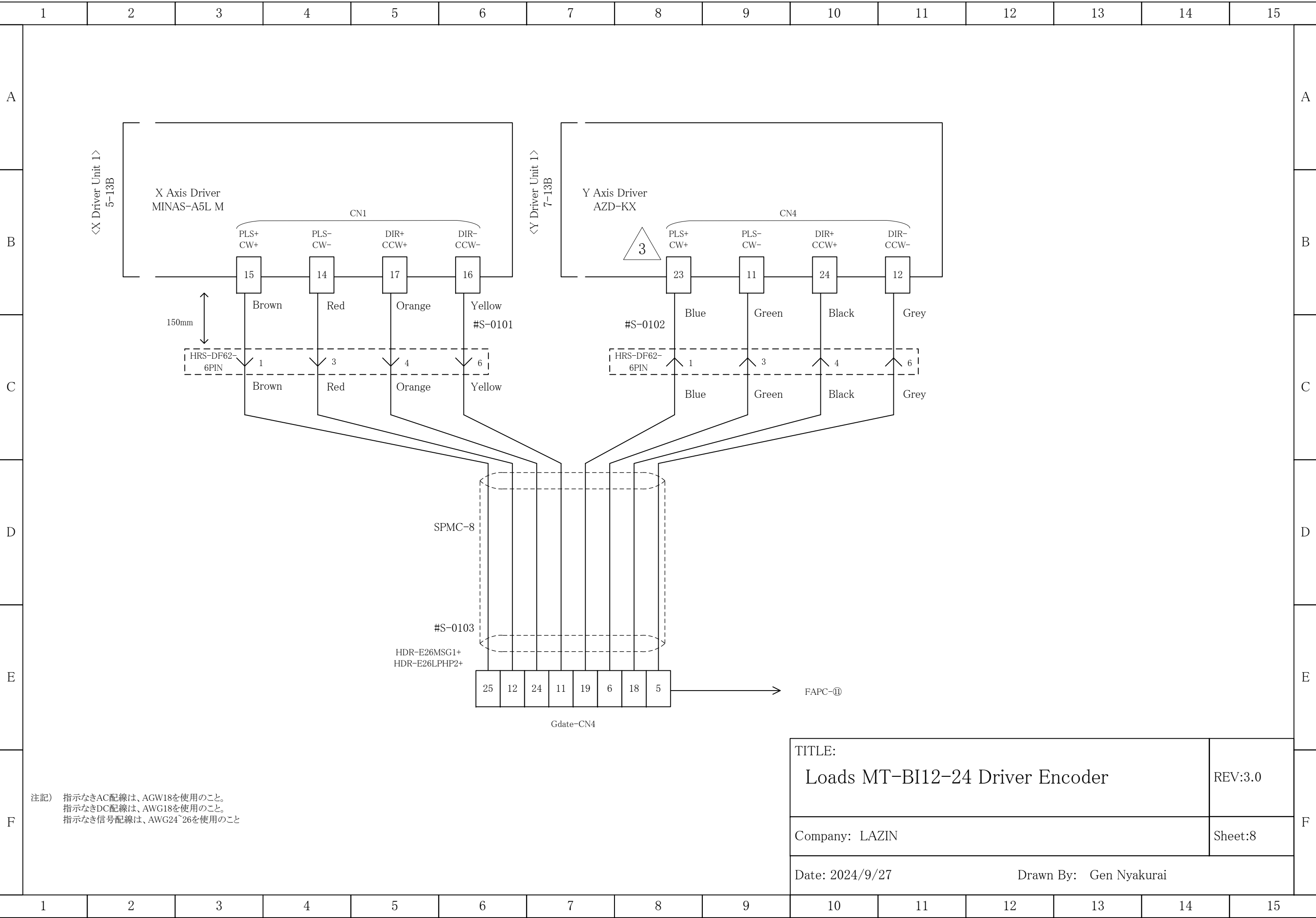


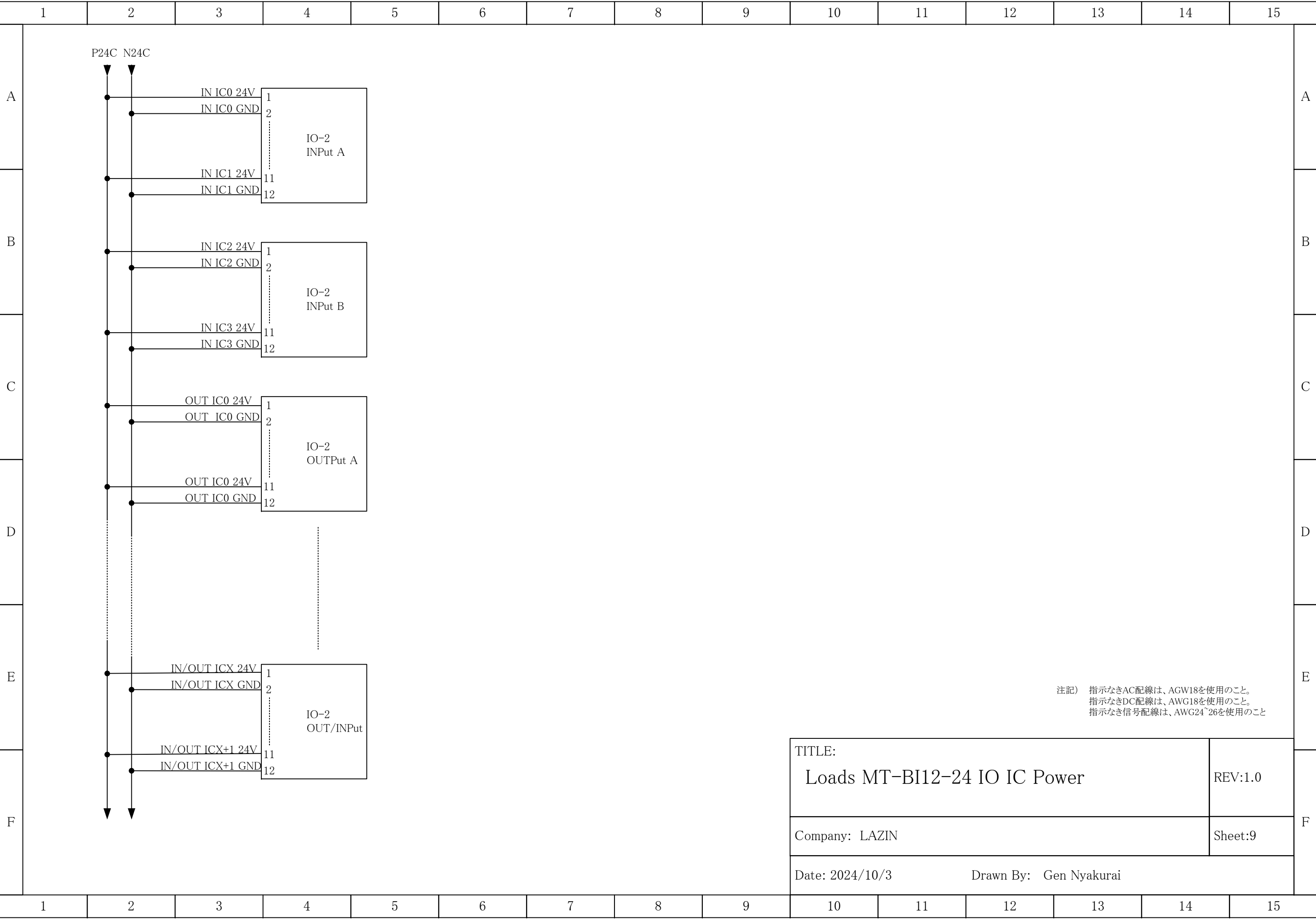
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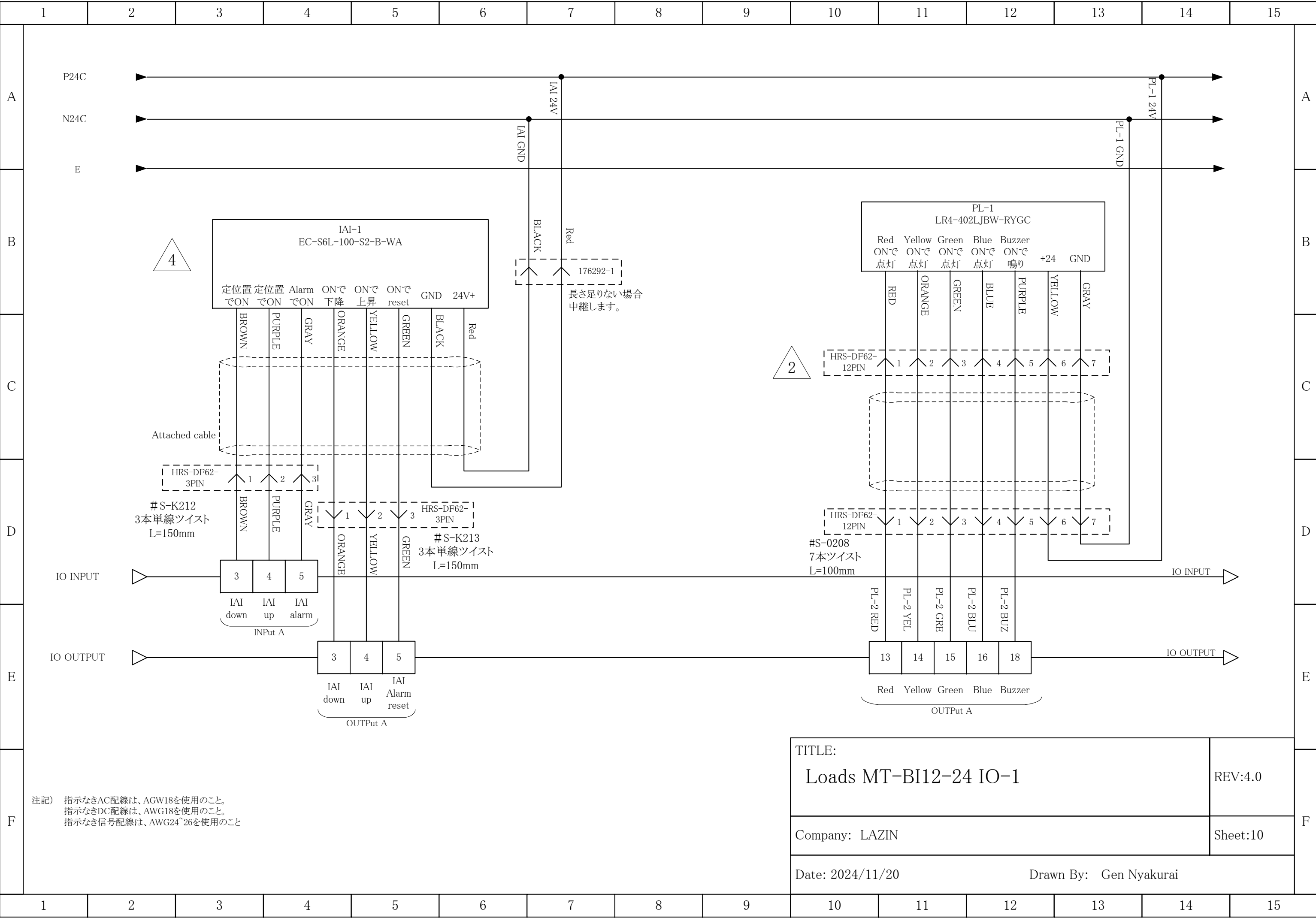


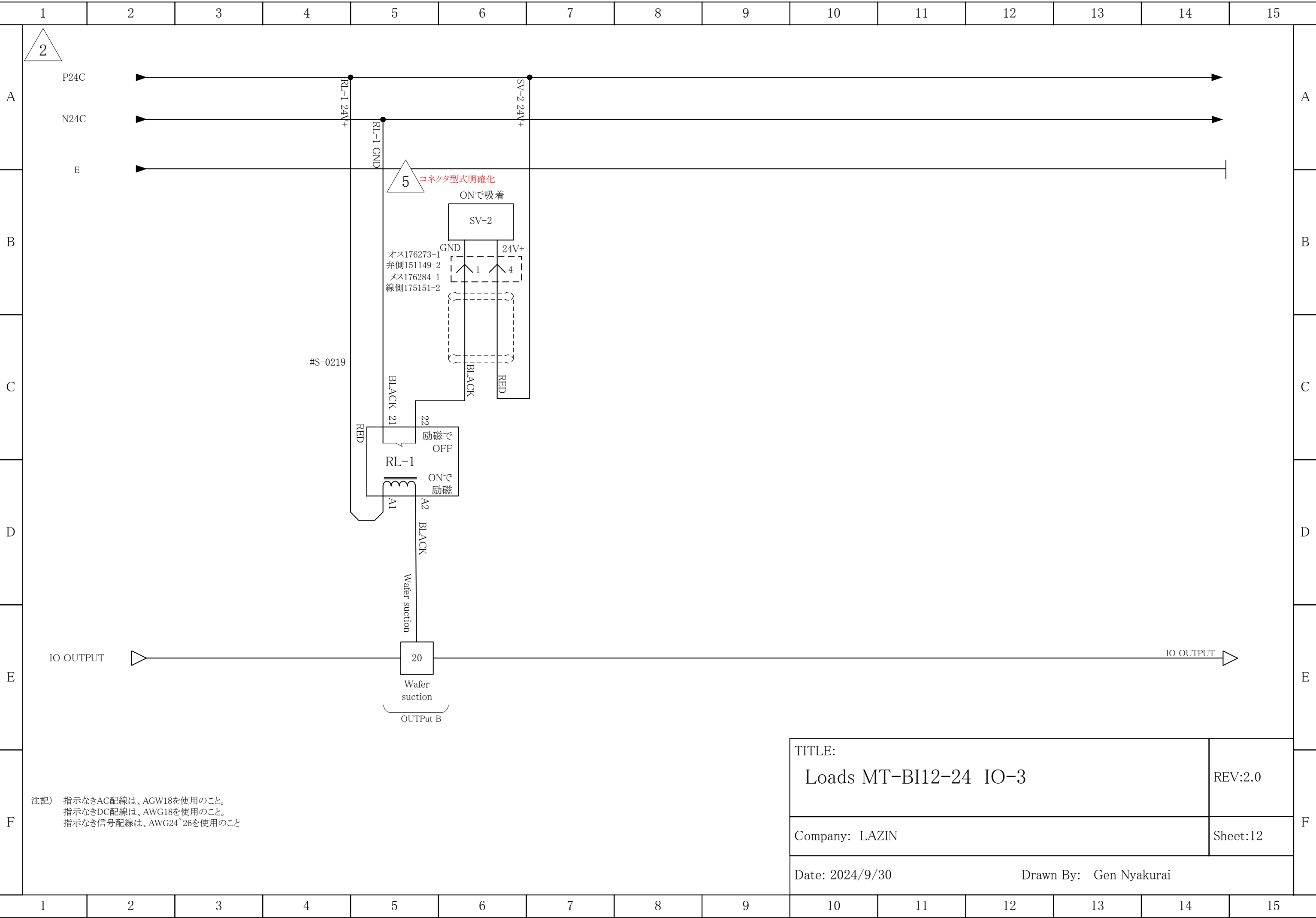


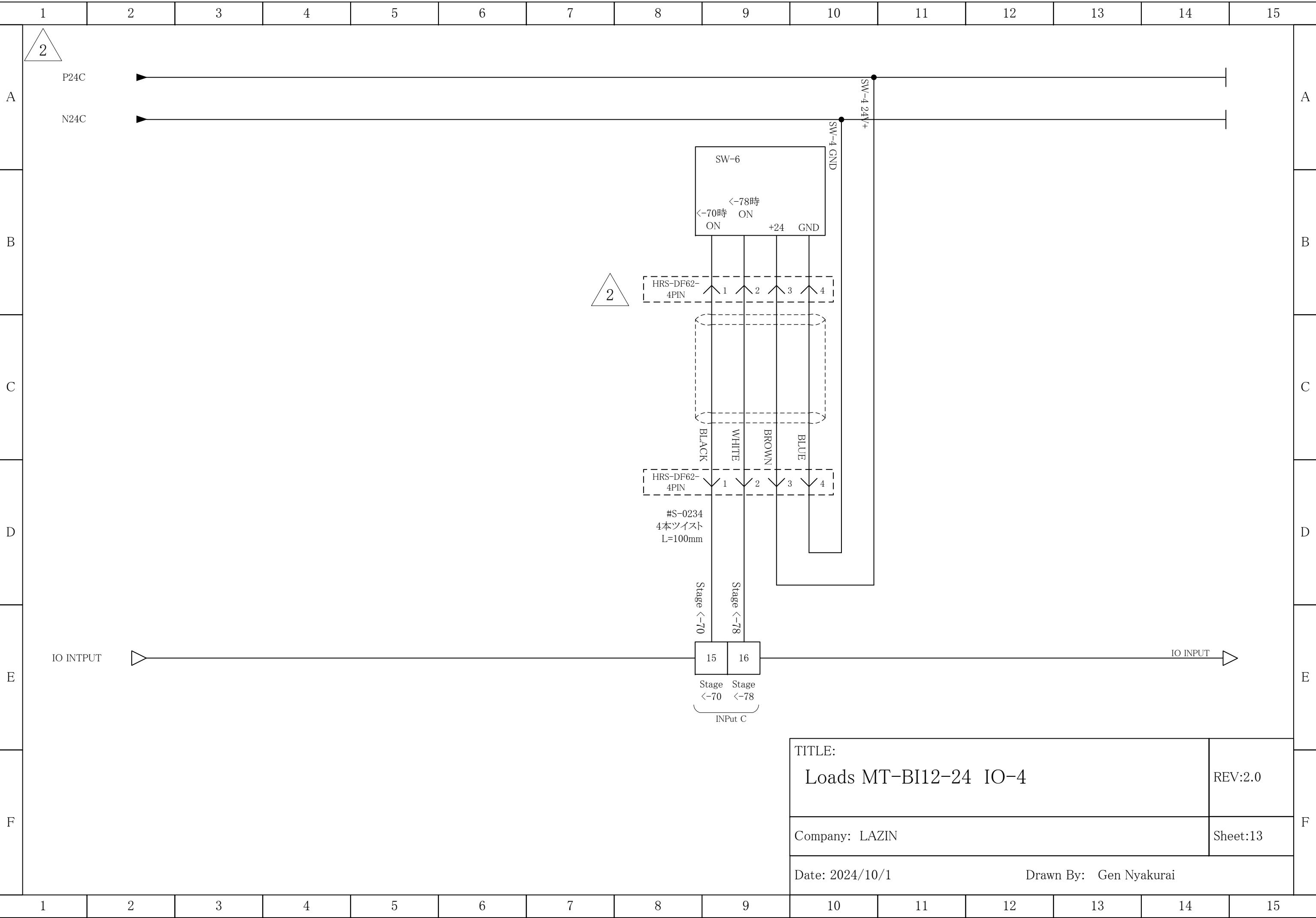


注記) 指示なきAC配線は、AGW18を使用のこと。
指示なきDC配線は、AWG18を使用のこと。
指示なき信号配線は、AWG24~26を使用のこと

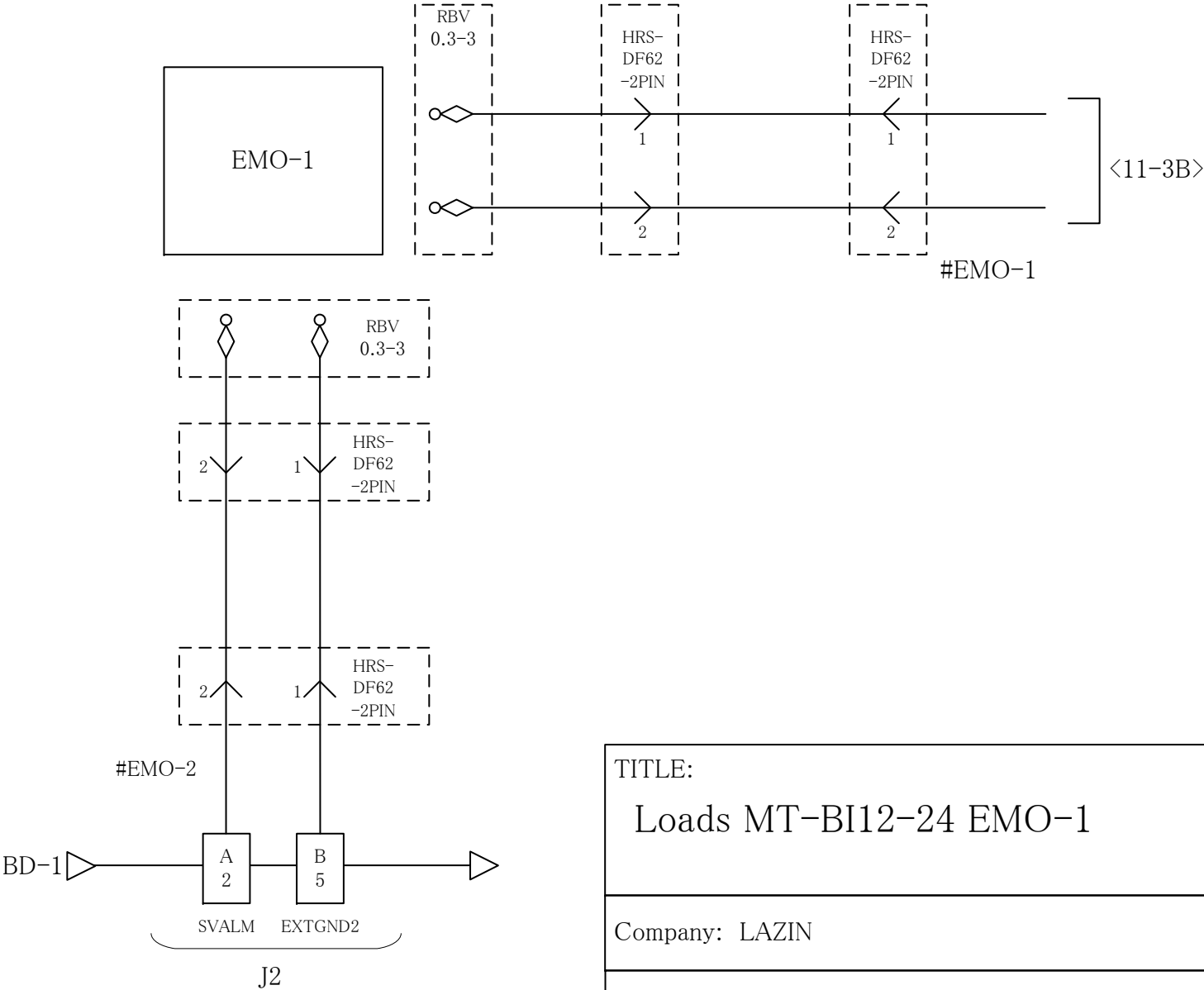
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Company: LAZIN	Sheet:9
Date: 2024/10/3	Drawn By: Gen Nyakurai



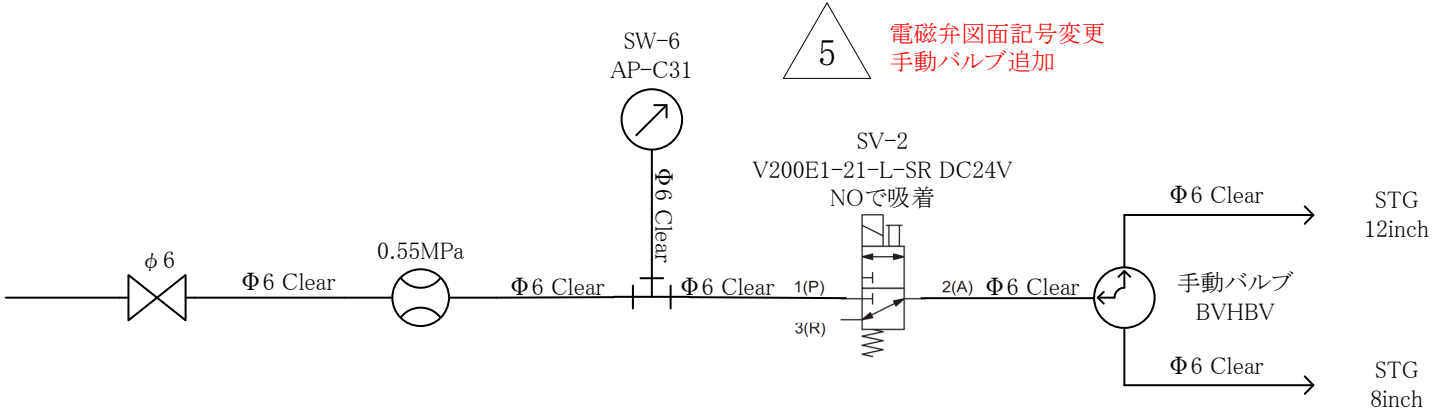




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TITLE: Loads MT-BI12-24 EMO-1												REV:1.0		
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