



CUSTOMER:

Customer Name: ALINVEST

PROJECT:

Project Code: E2558

Project Name: ALFAGEN

DOCUMENT INFORMATION:



Document Title: Equipment Spider Diagram

Contractor File Name: 2558-3322-TMT-E-DWG-SPD

Contractor Revision Number: A

Customer File Name: -

Customer Revision Number: -

						CONTRACTOR		CONTRACTOR dwg number 2558-3322-TMT-E-DWG-SPD	Rev. A	Project Code E2558	Project Name ALFAGEN			
										Document Title Equipment Spider Diagram			Scale 1:1	
A	29/11/2025	INITIAL VERSION		RORI	RORI					RORI	CLIENT			
Rev.	Date	Revisions description			Designed	Draw	Approved					DATE: 18/11/2025	DATE: 18/11/2025	
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POWER AND CONTROL PANEL


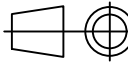
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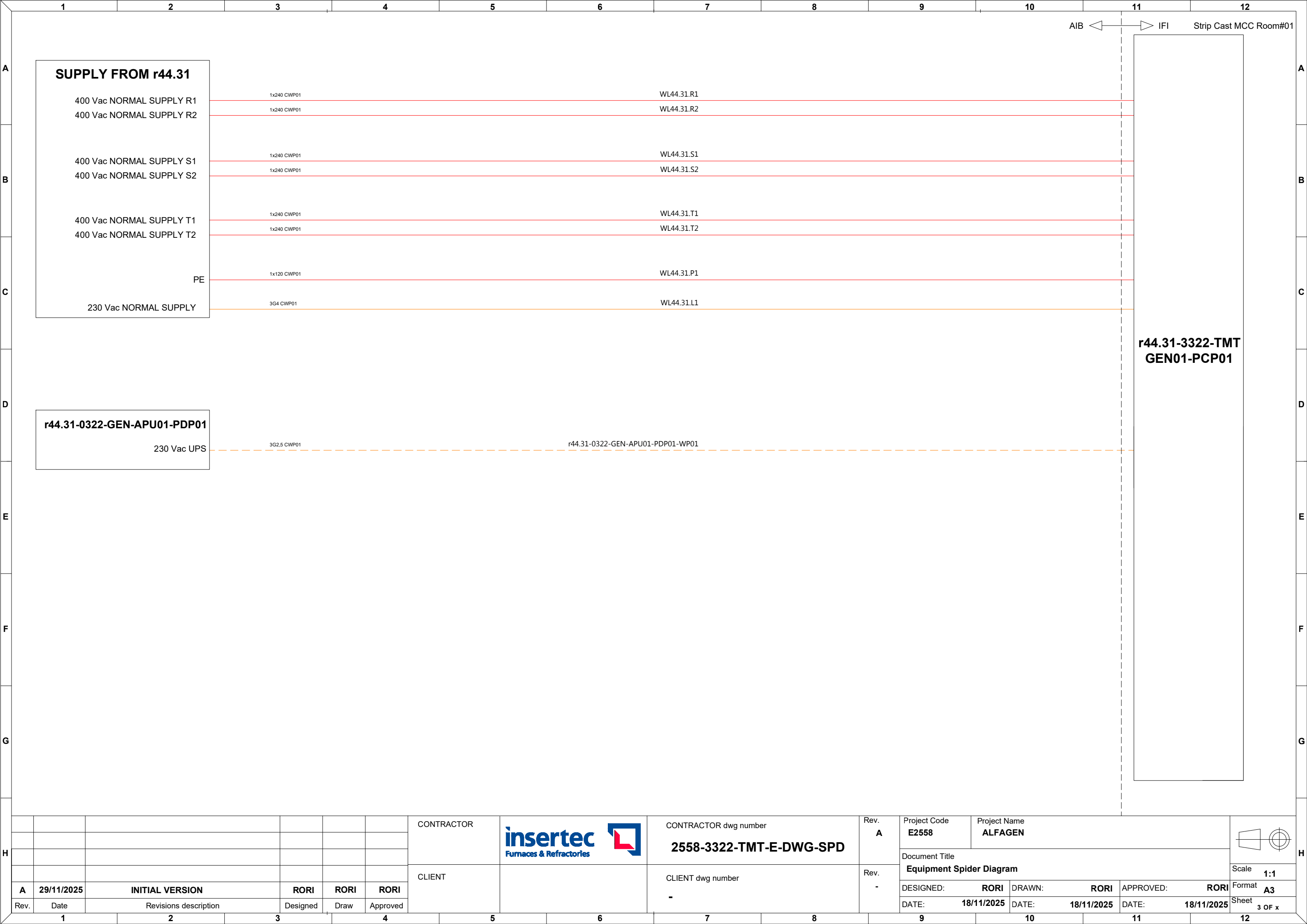
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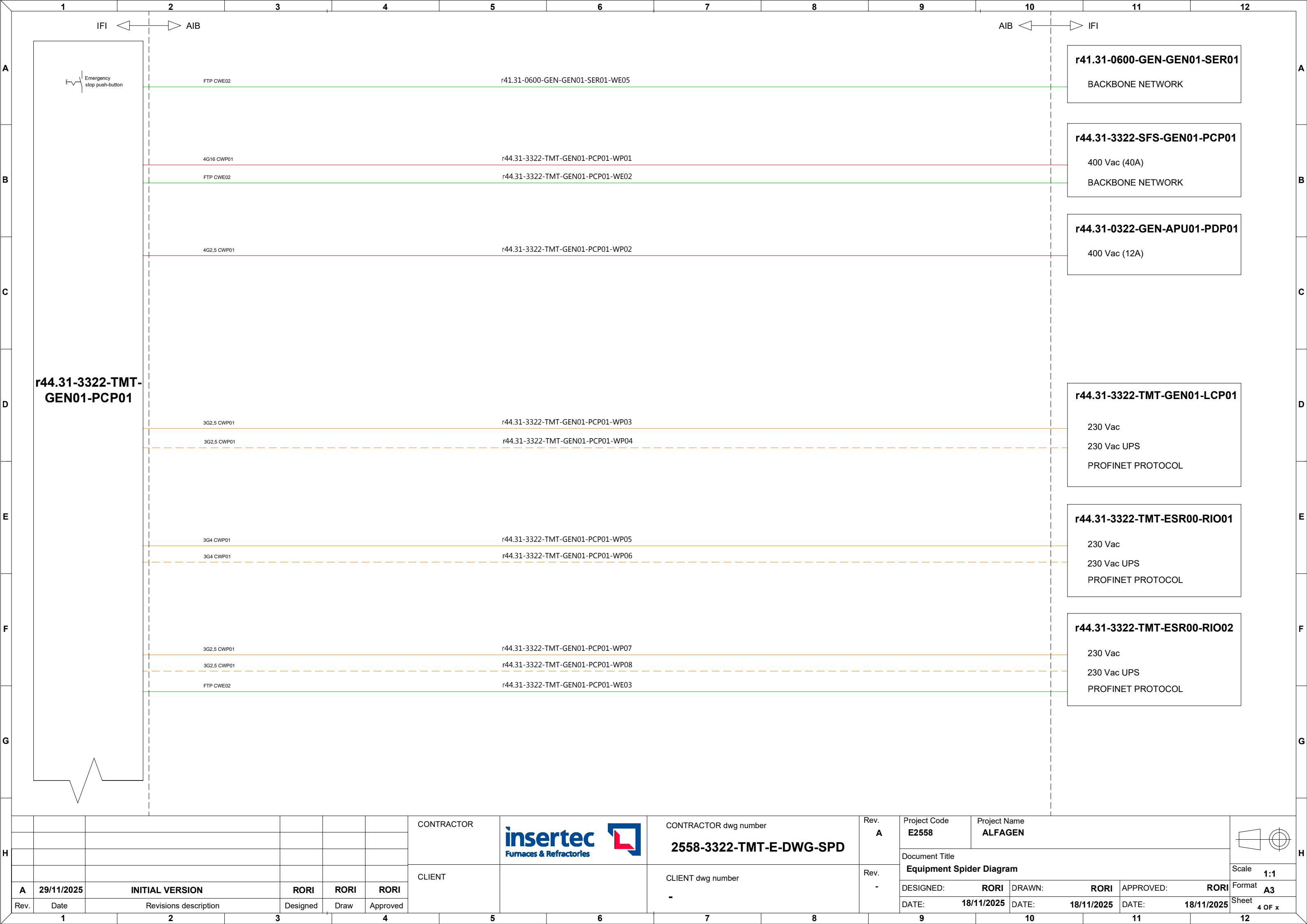
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	400Vac UPS power supply		Analog & shielded signals
	230Vac Power supply		T/C connection
	230Vac UPS power supply		Communication connection

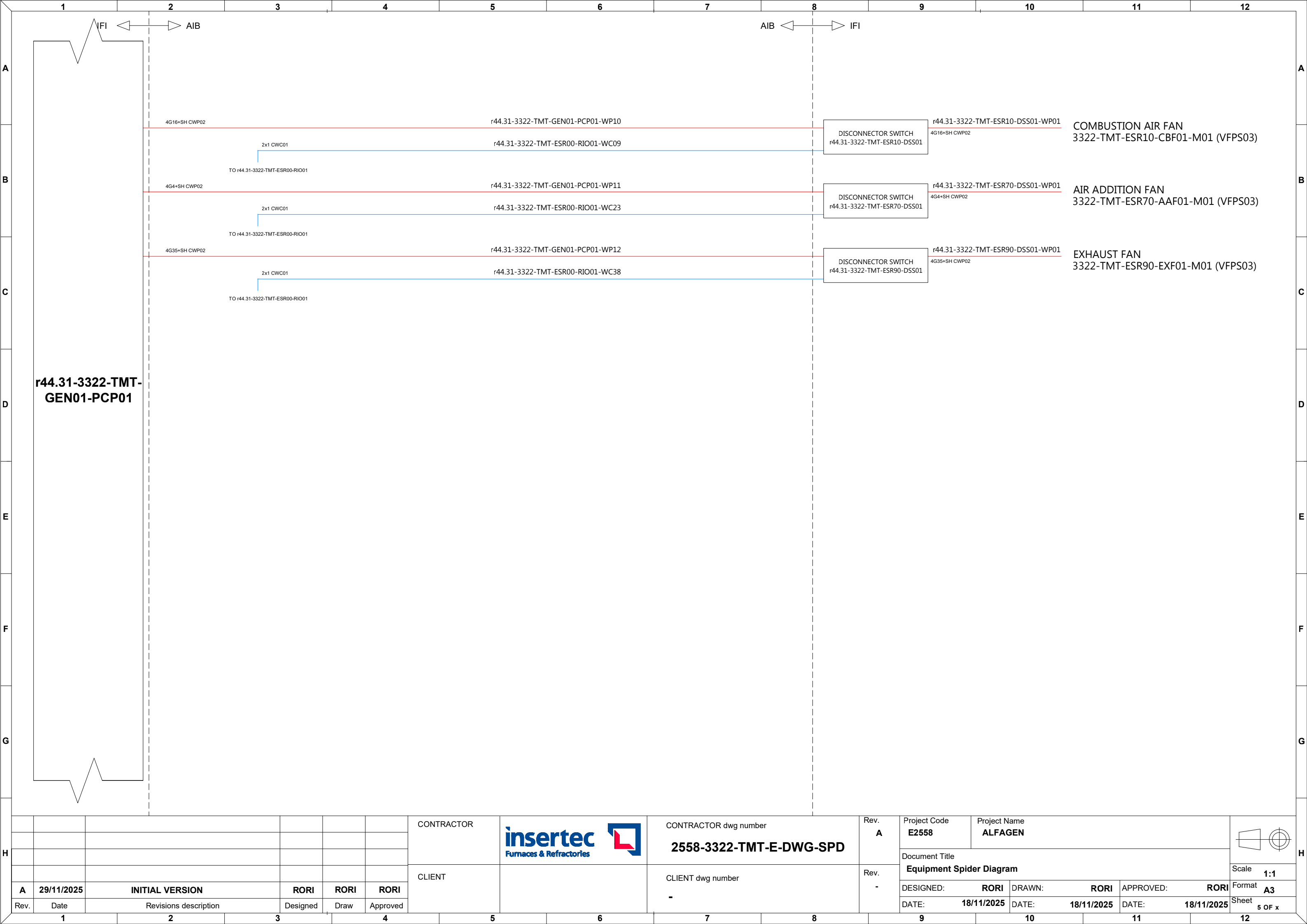
CATEGORY


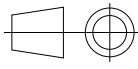
Power cables
CWP01: Regular power cables
CWP02: Shielded power cable
CWP03: Flexible power cables
CWP04: Regular high temperature power cables
CWP05: Shielded high temperature power cables
CWP06: General use power cable
Instrumentation and control cables
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CWC07: Shielded high temperature instrumentation control cables
Communication cables
CWE01: Fieldbus communication cable (Inside cabinets)
CWE02: Fieldbus communication cable (Outside cabinets)
CWE03: Optic fibre communication cable

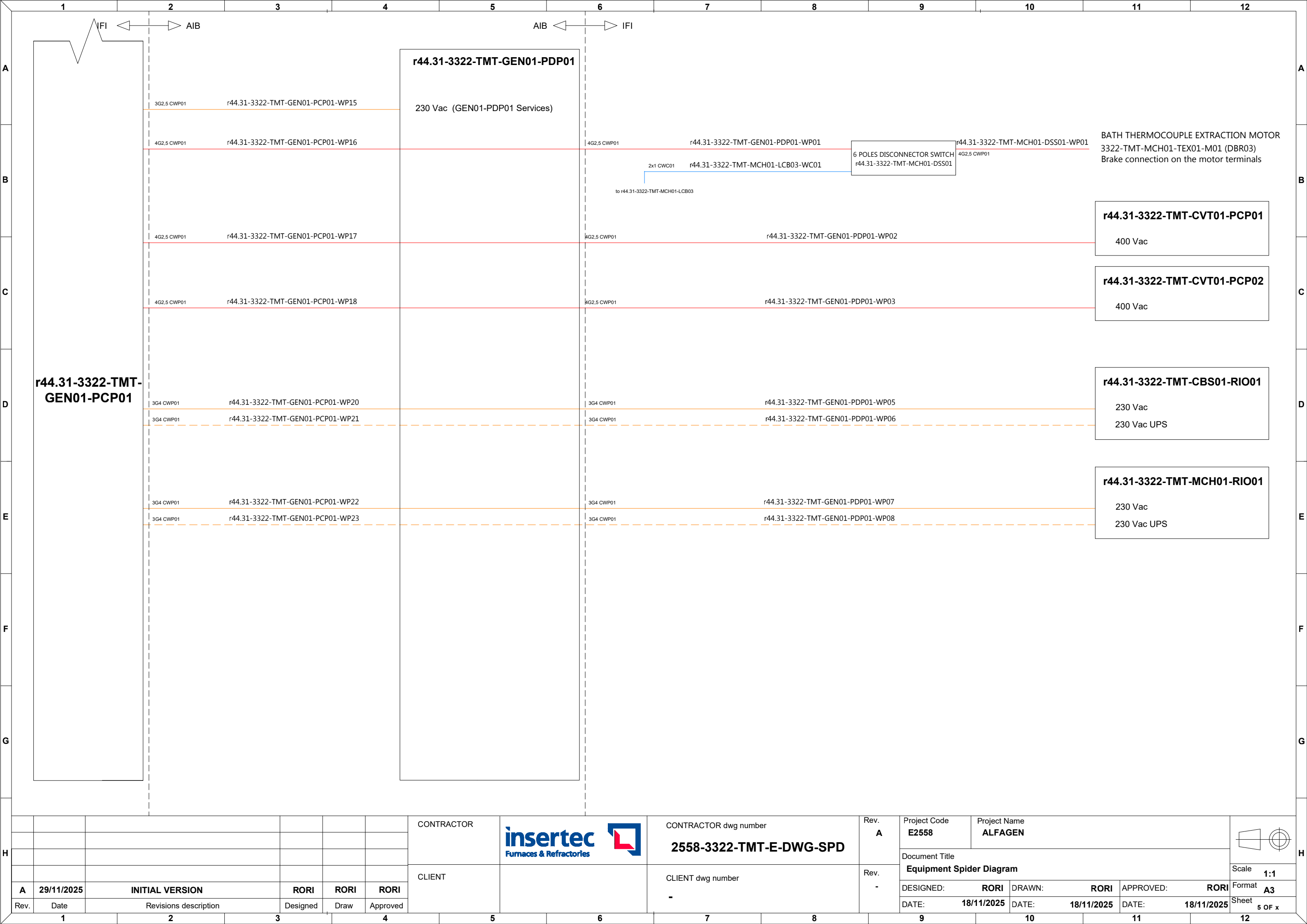
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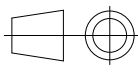






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LOCAL CONTROL PANEL



r44.31-3322-TMT-GEN01-LCP01

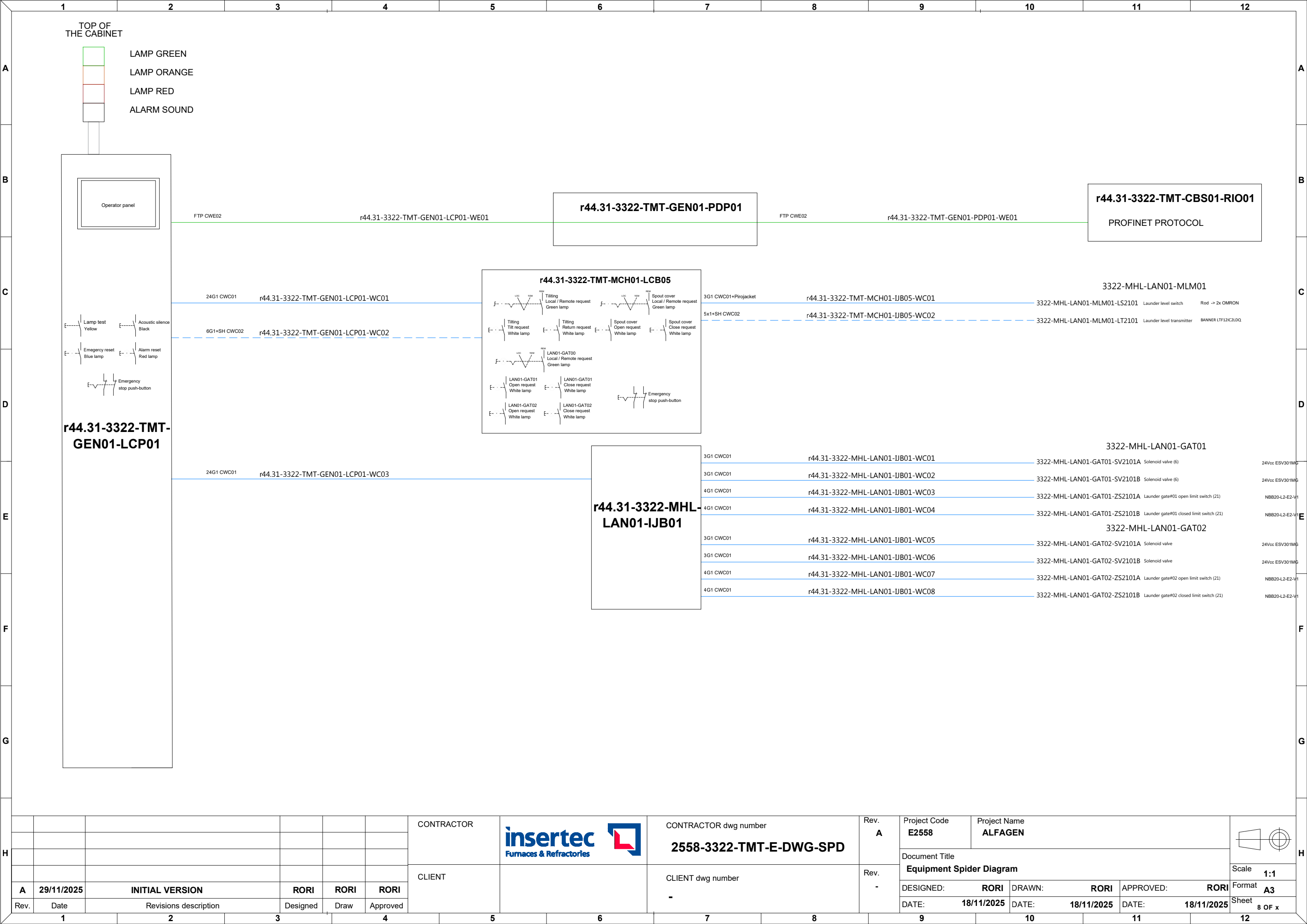
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	400Vac Power supply		Regular control signals
	400Vac UPS power supply		Analog & shielded signals
	230Vac Power supply		T/C connection
	230Vac UPS power supply		Communication connection

CATEGORY

Power cables
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ENERGY SOURCE REMOTE IO


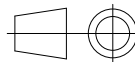
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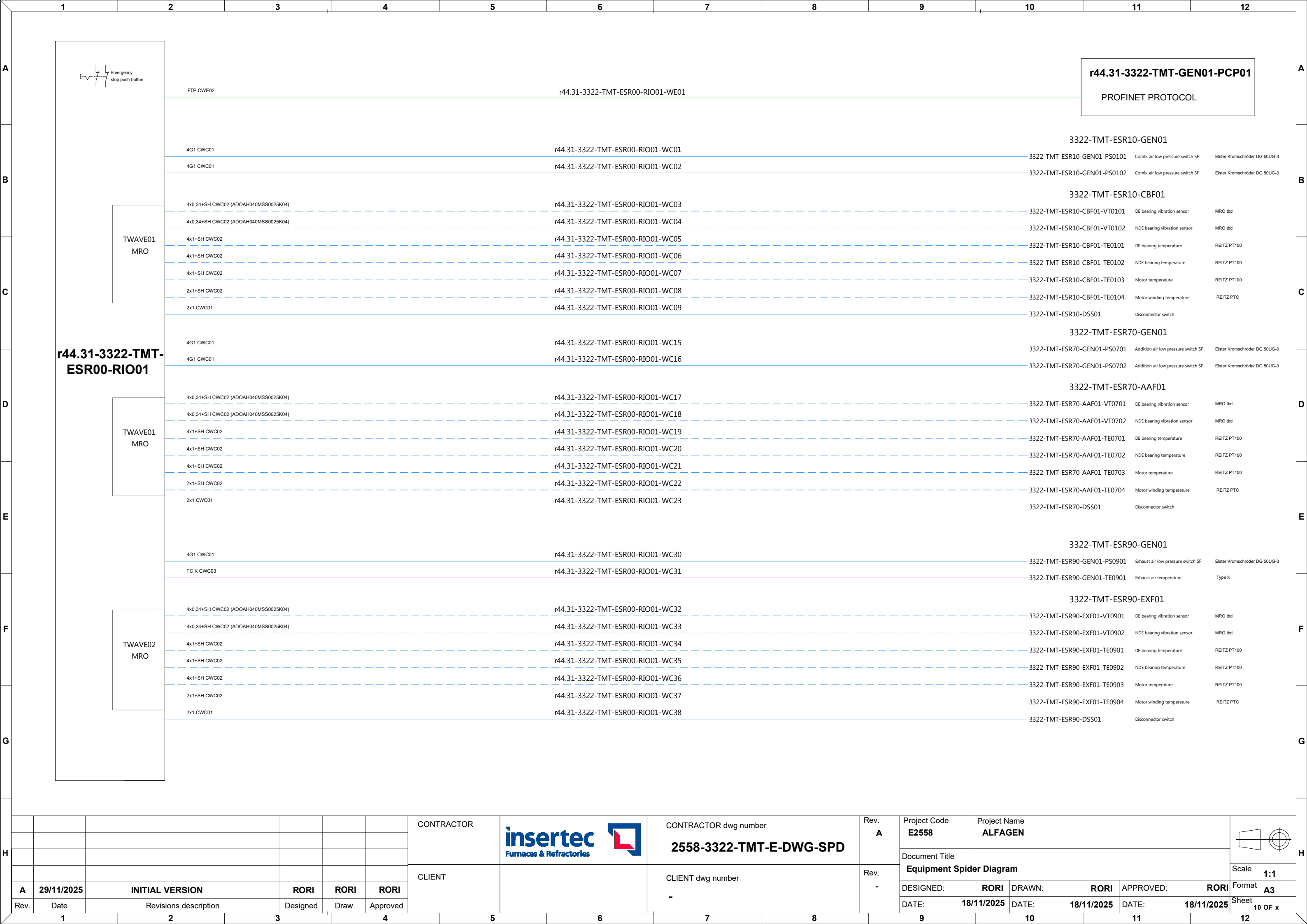
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	230Vac UPS power supply		Communication connection

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ENERGY SOURCE REMOTE IO


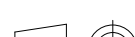
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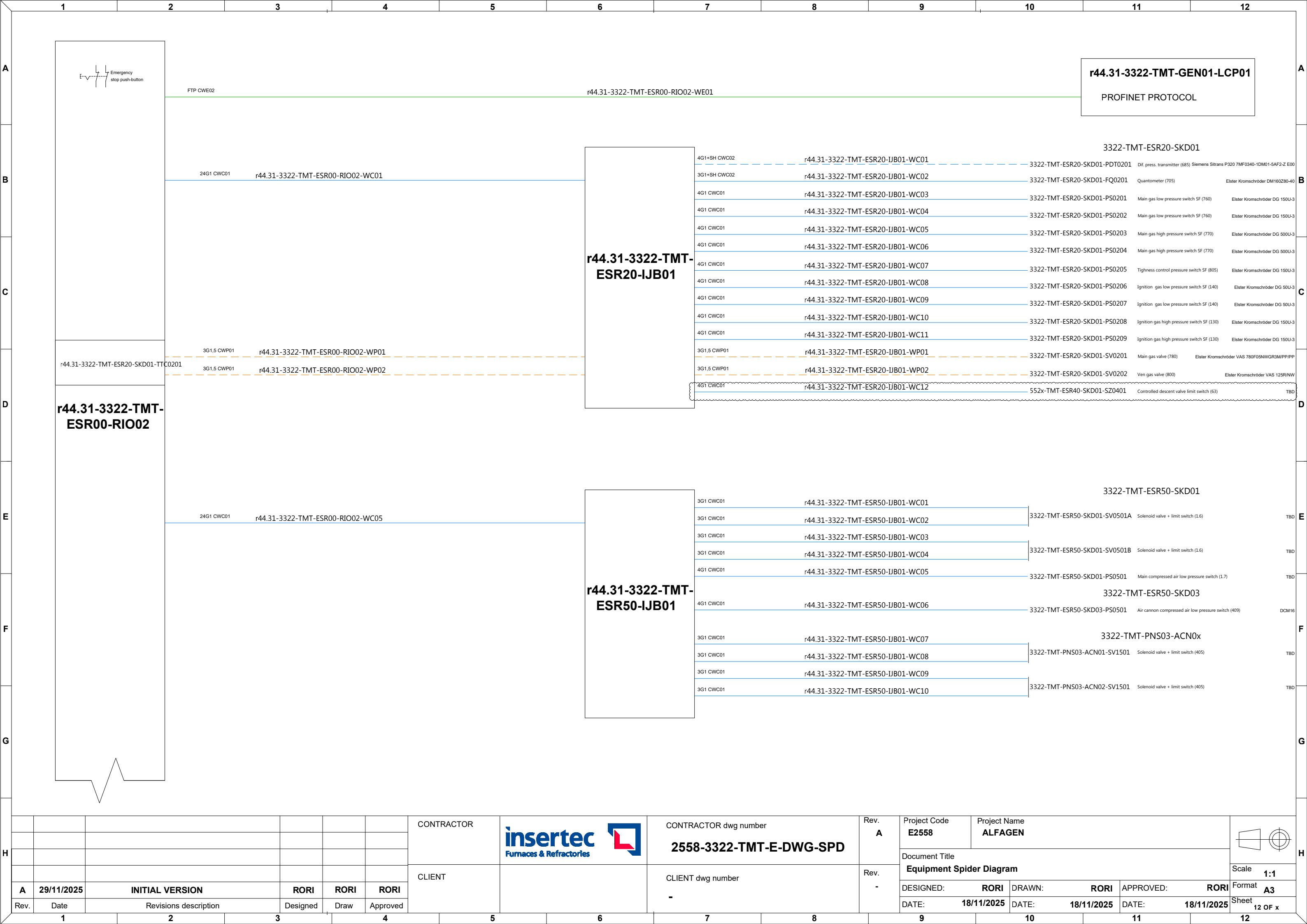
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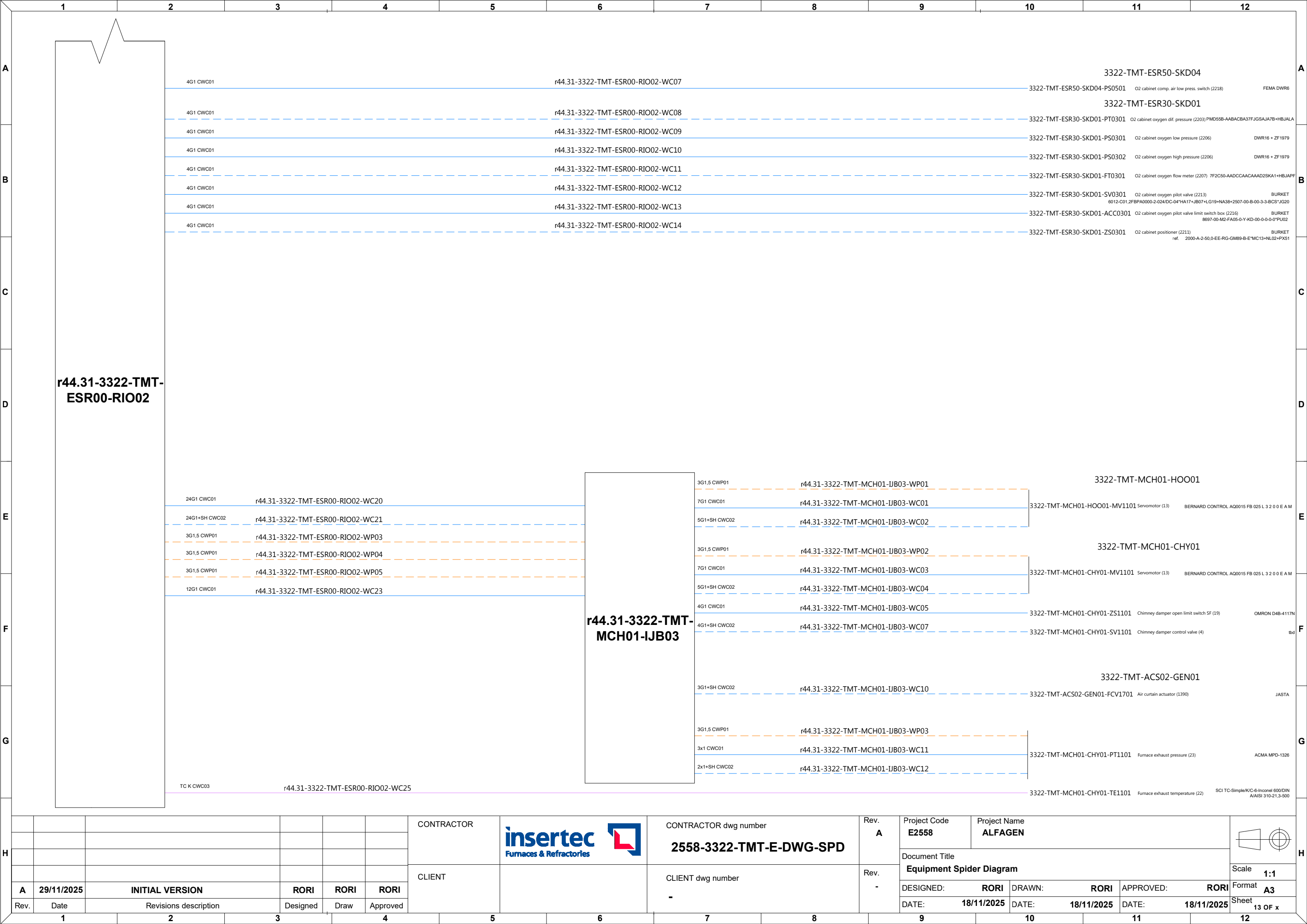
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	230Vac UPS power supply		Communication connection

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Rev.	Date	Revisions description		Designed	Draw	Approved								





COMBUSTION SYSTEM REMOTE IO


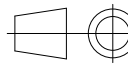
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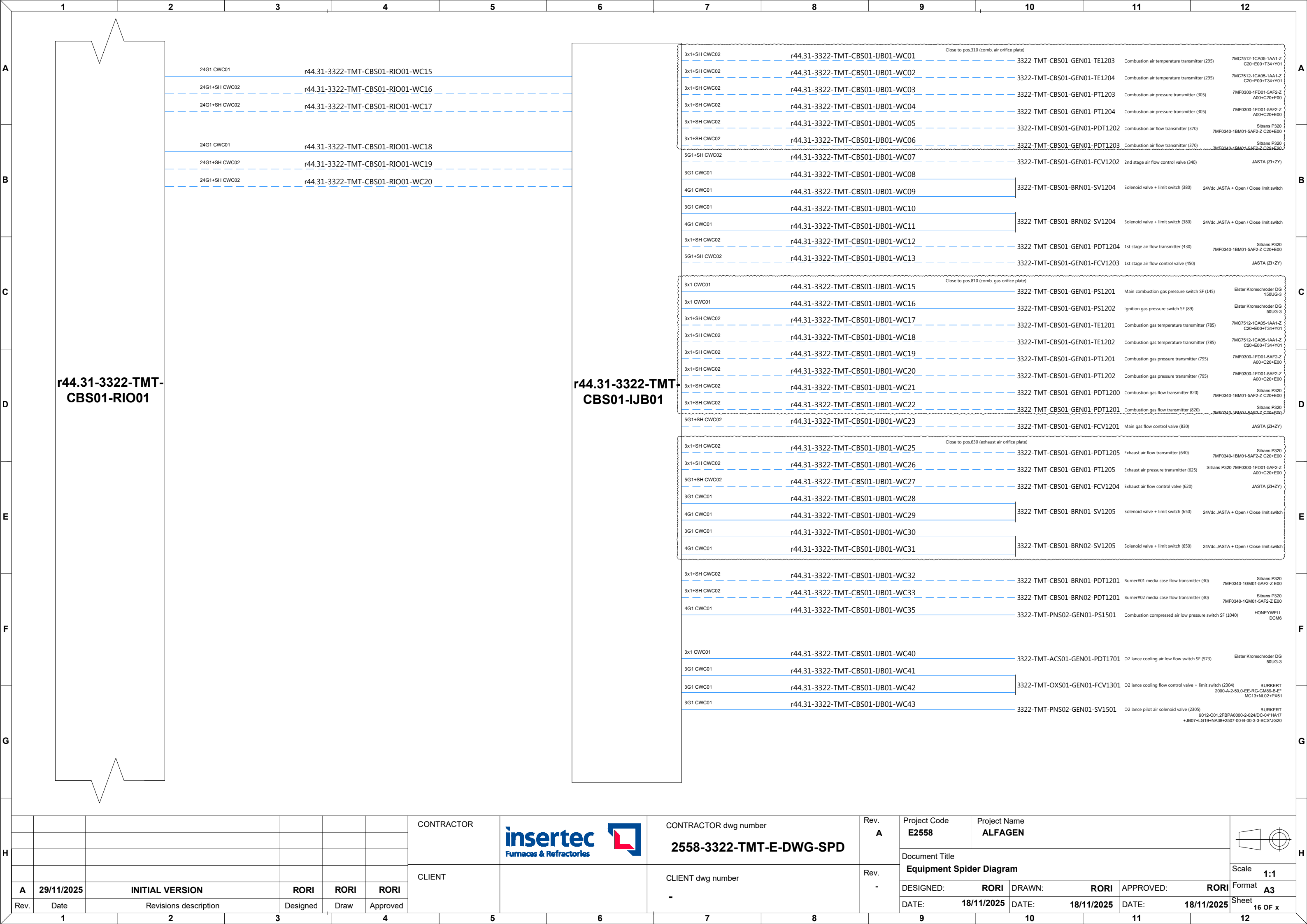
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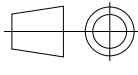
- 400Vac Power supply
- 400Vac UPS power supply
- 230Vac Power supply
- 230Vac UPS power supply
- Regular control signals
- Analog & shielded signals
- T/C connection
- Communication connection



CATEGORY

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- CWP01: Regular power cables
- CWP02: Shielded power cable
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MELTING CHAMBER REMOTE IO


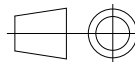
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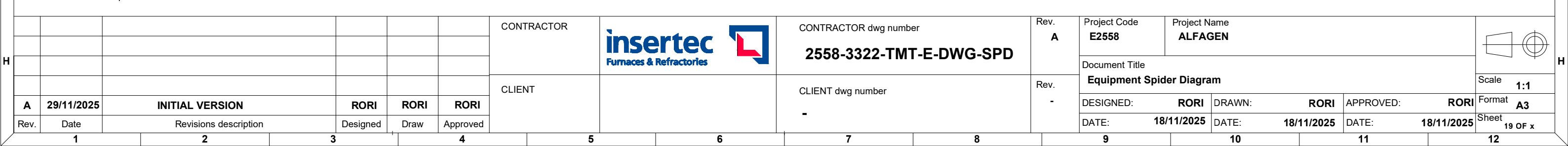
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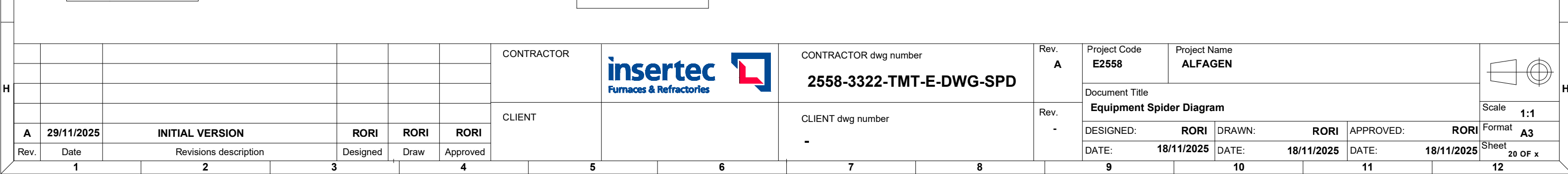
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	230Vac Power supply		T/C connection
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CVS POWER AND CONTROL PANEL


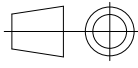
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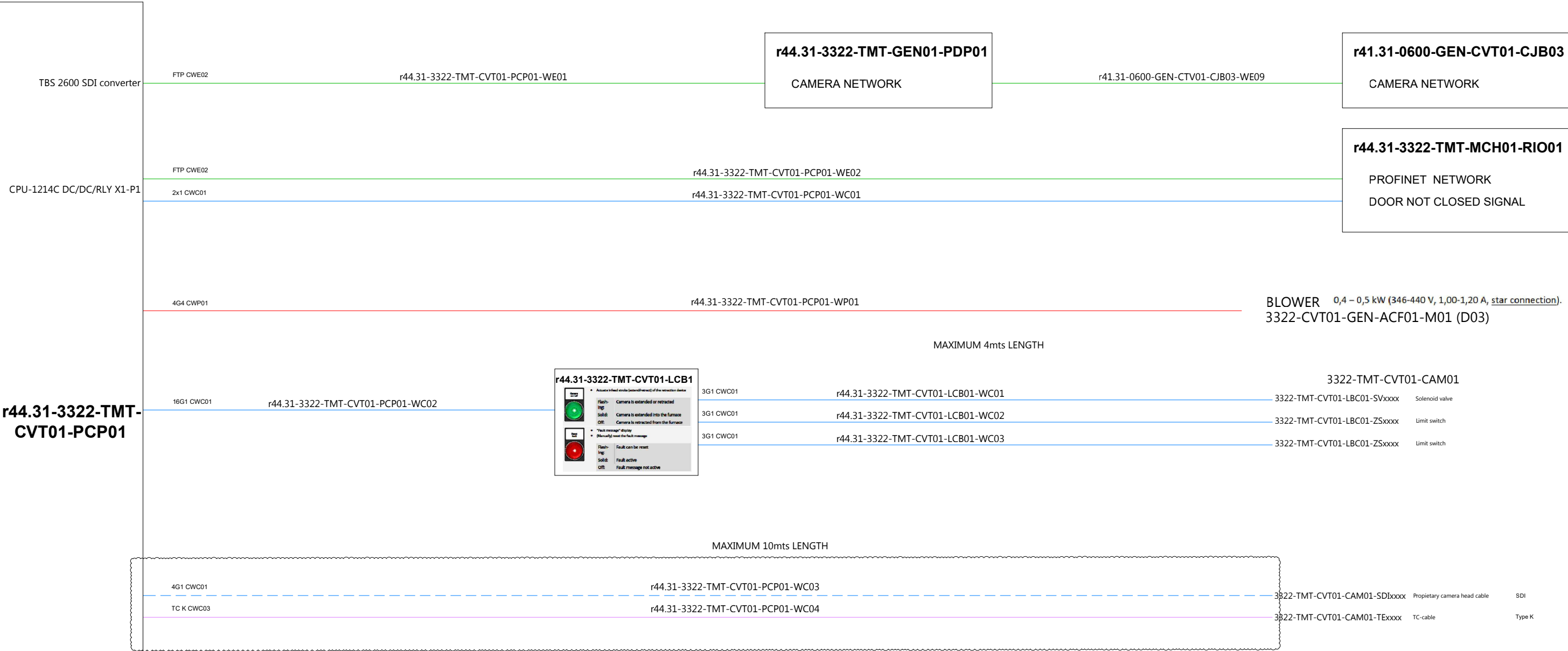
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Legend:









- Flash:** Camera is extended or retracted
- Flg:** Camera is extended into the furnace
- Solid:** Camera is extended into the furnace
- Off:** Camera is retracted from the furnace
- Flash:** Switching on side channel compressor
- Flg:** Side channel compressor switched on
- Solid:** Side channel compressor switched on
- Off:** Side channel compressor switched off
- Flash:** Fault can be reset
- Flg:** Fault active
- Solid:** Fault active
- Off:** Fault message not active
- Flash:** Fault can be reset
- Flg:** Fault active
- Solid:** Fault active
- Off:** Fault message not active

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CVS POWER AND CONTROL PANEL


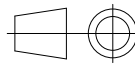
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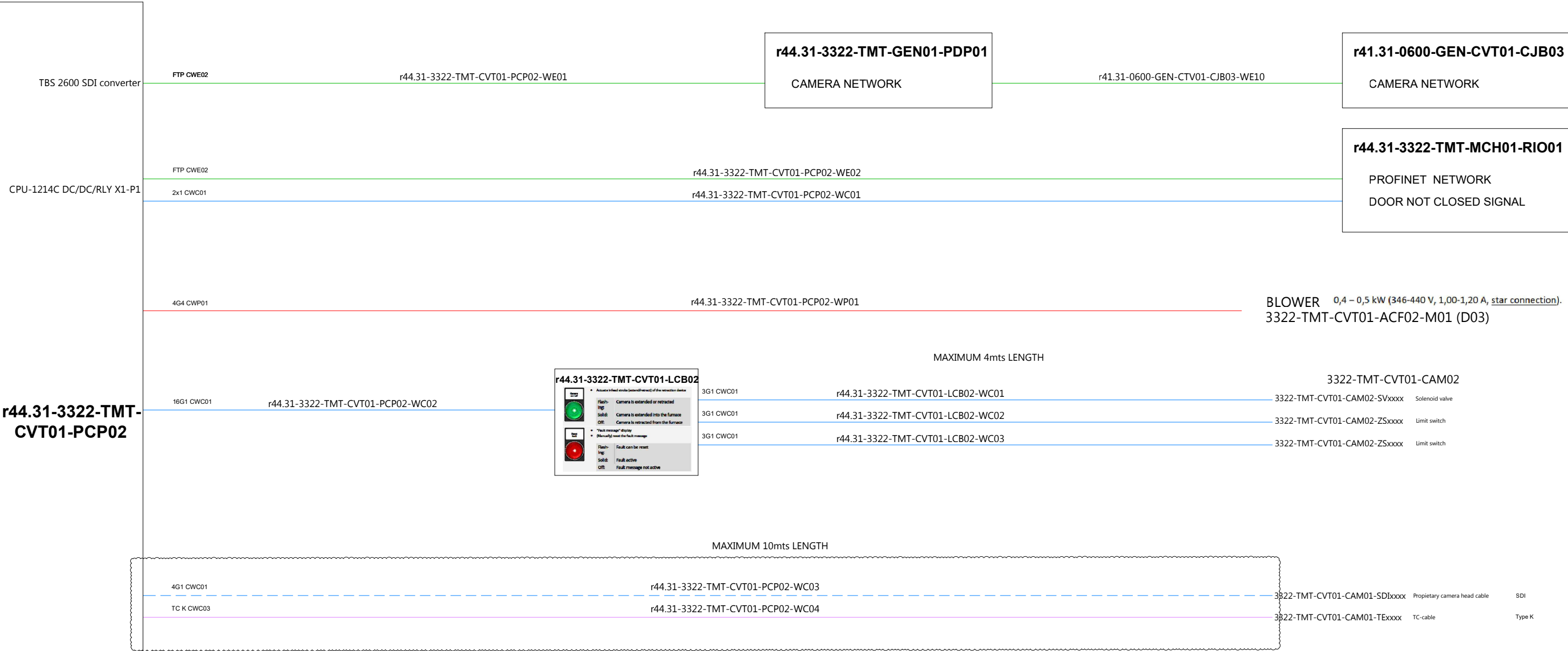
LEGEND



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