



CUSTOMER:

Customer Name: ALINVEST

PROJECT:

Project Code: E2558

Project Name: ALFAGEN

DOCUMENT INFORMATION:



Document Title: Equipment Spider Diagram

Contractor File Name: 2558-3321-THD-E-DWG-SPD

Contractor Revision Number: A

Customer File Name: -

Customer Revision Number: -

						CONTRACTOR		CONTRACTOR dwg number	Rev. A	Project Code E2558	Project Name ALFAGEN			
								2558-3321-THD-E-DWG-SPD		Document Title Equipment Spider Diagram				
A	29/11/2025	INITIAL VERSION			RORI	RORI	RORI	CLIENT		CLIENT dwg number -	Rev. -	Scale 1:1		
Rev.	Date	Revisions description			Designed	Draw	Approved					Format A3		
1												Sheet 1 OF x		

# POWER AND CONTROL PANEL



## r43.41-3321-THD-GEN01-PCP01

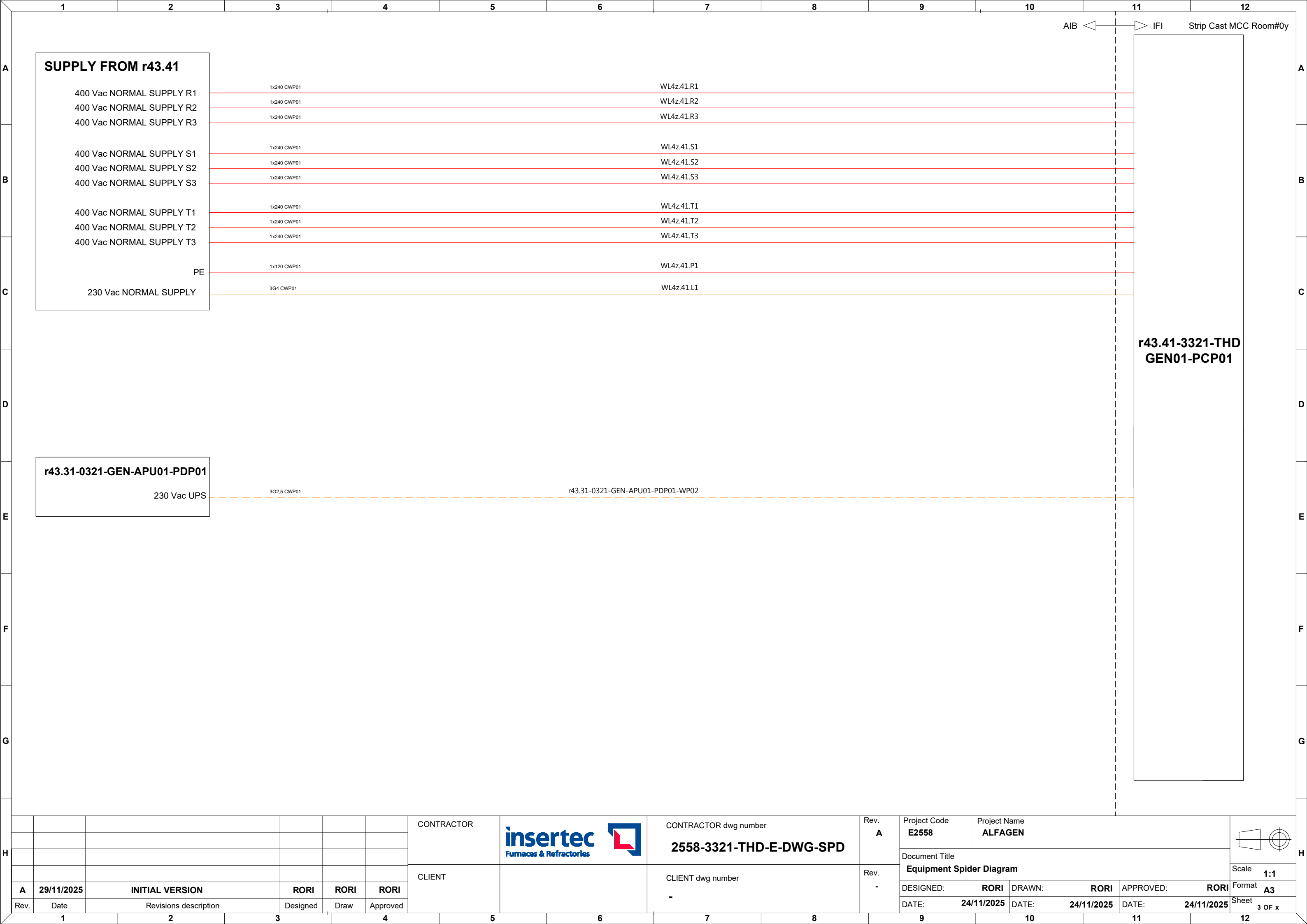
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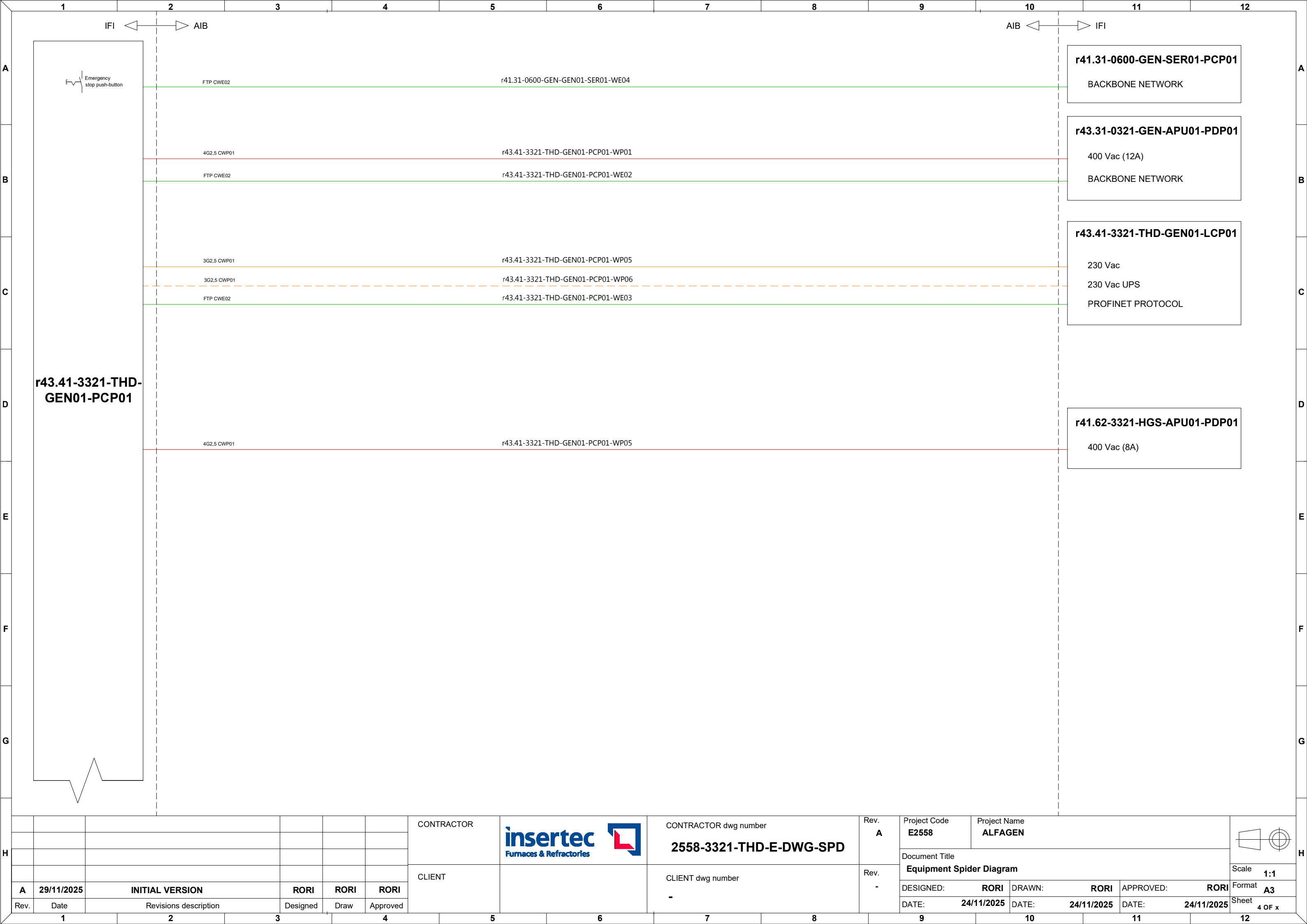
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	400Vac UPS power supply		Analog & shielded signals
	230Vac Power supply		T/C connection
	230Vac UPS power supply		Communication connection

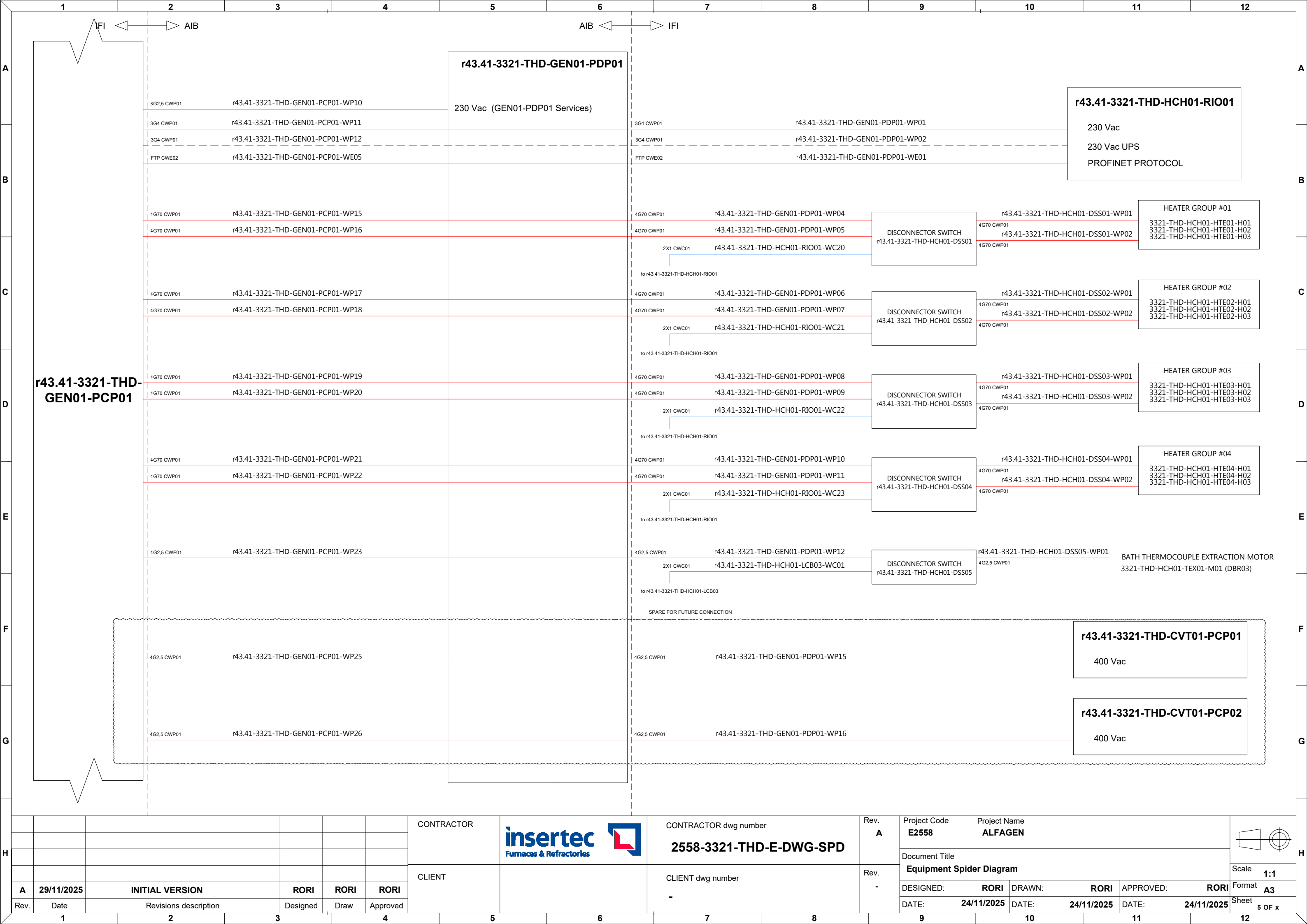
### CATEGORY

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
CWC01: Regular instrumentation control cables
CWC02: Shielded instrumentation control cables
CWC03: Thermocouple cable
CWC04: Flexible instrumentation control cables
CWC05: High voltage cables for ignition transformers
CWC06: Regular high temperature instrumentation control cables
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


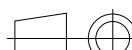
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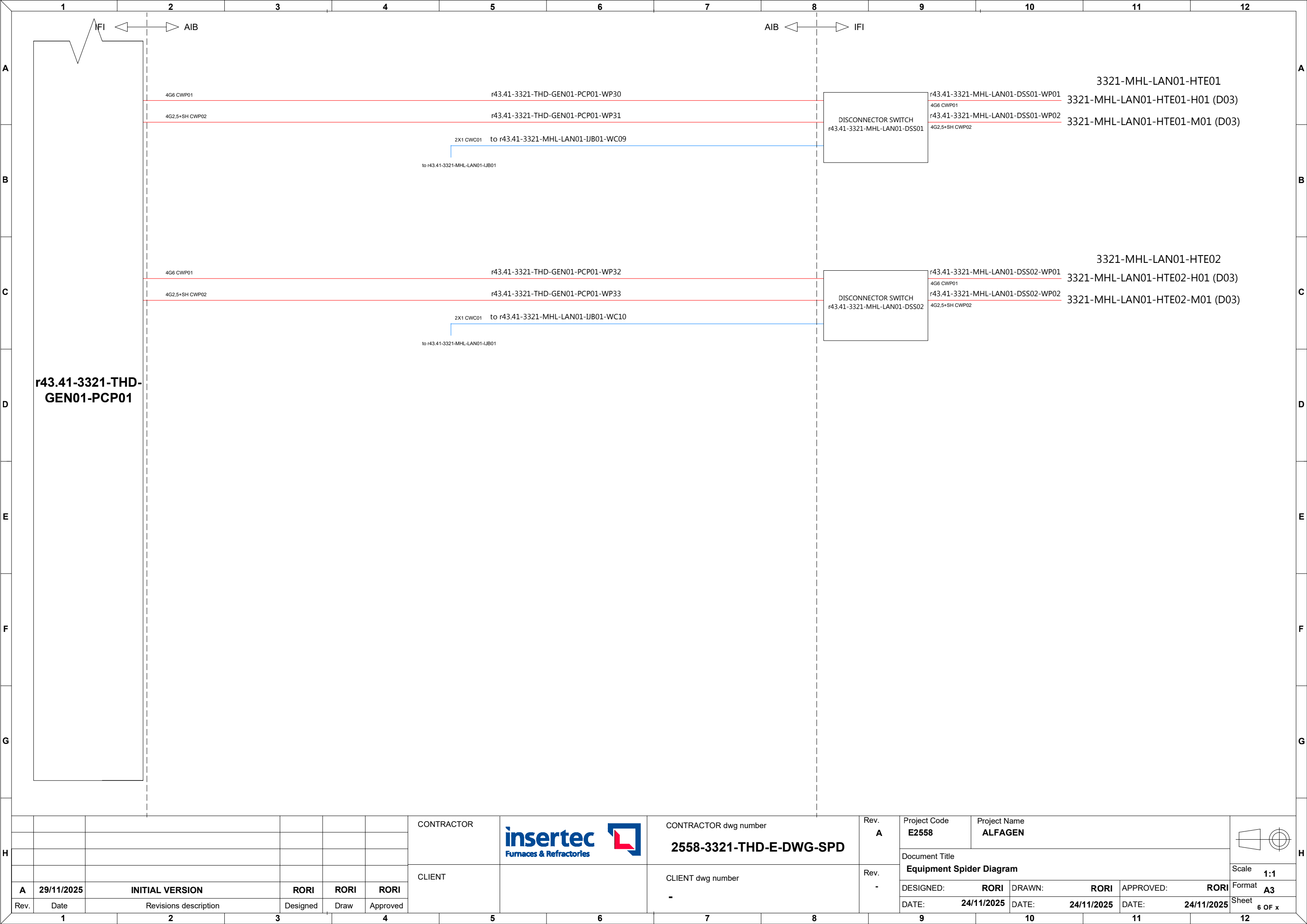



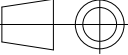




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Rev.	Date	Revisions description	Designed	Draw	Approved

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# LOCAL CONTROL PANEL


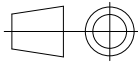
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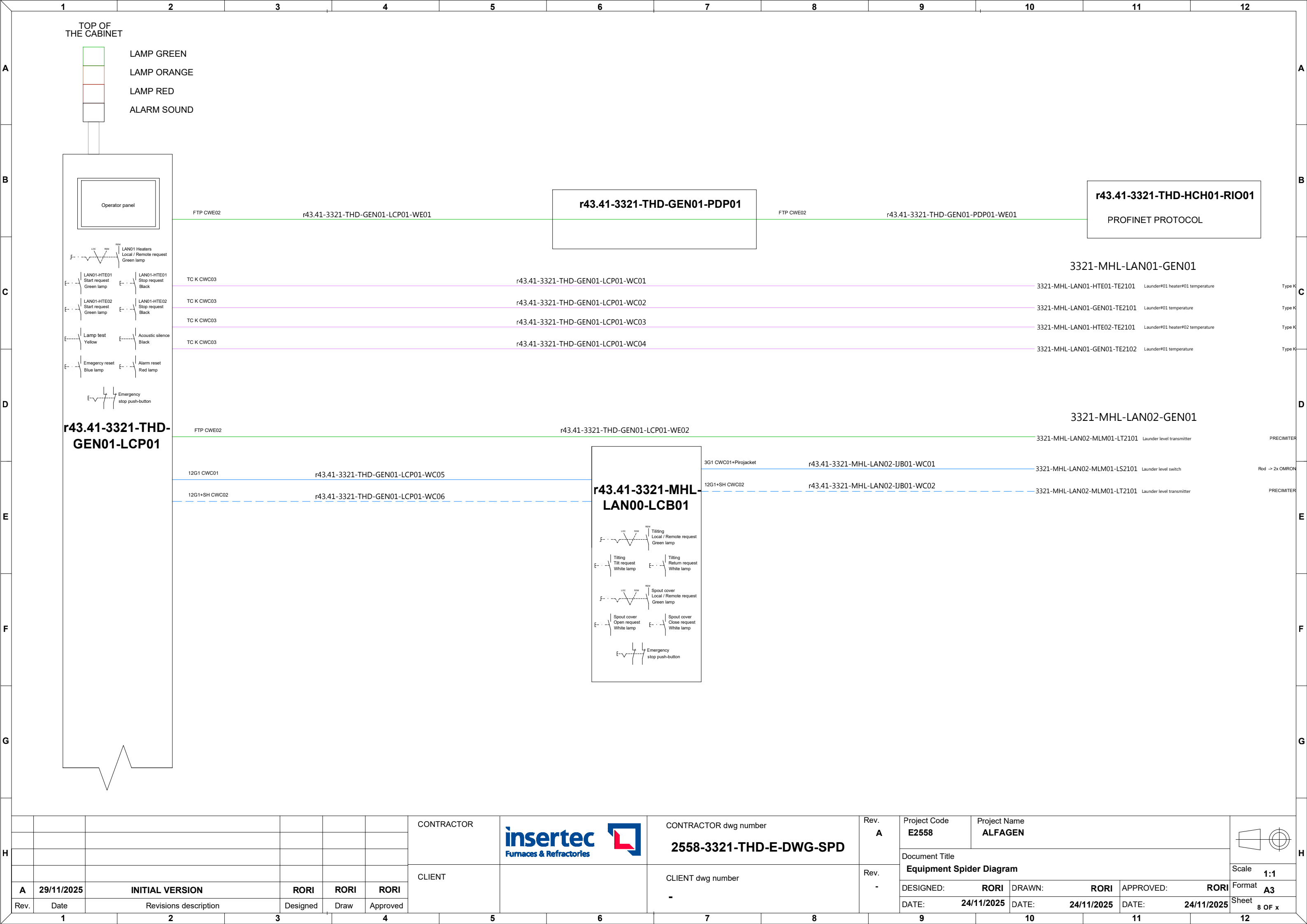
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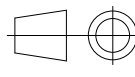
	400Vac Power supply		Regular control signals
	400Vac UPS power supply		Analog & shielded signals
	230Vac Power supply		T/C connection
	230Vac UPS power supply		Communication connection

### CATEGORY

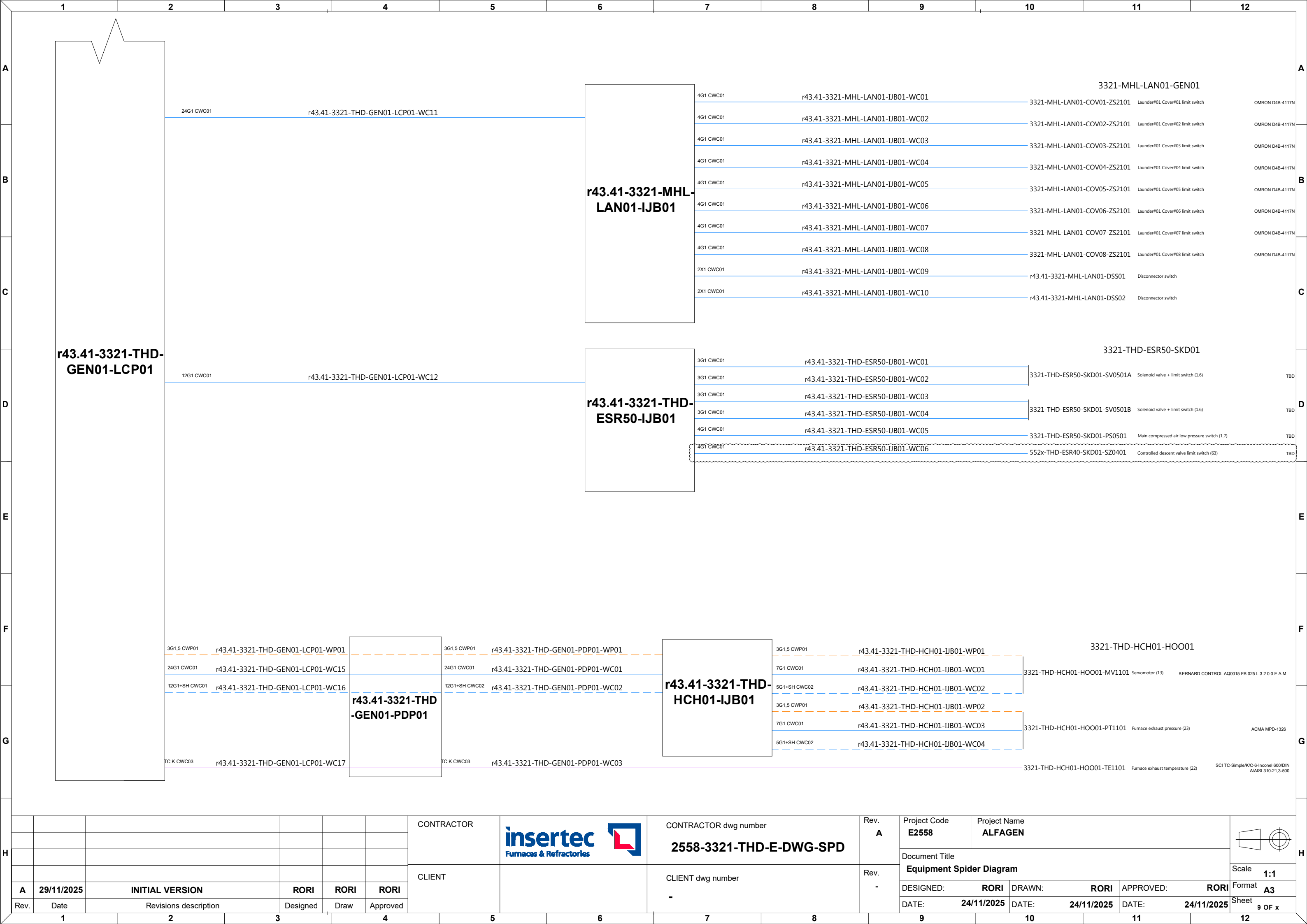
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CWP01: Regular power cables
CWP02: Shielded power cable
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CWP06: General use power cable
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CWE03: Optic fibre communication cable


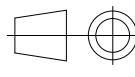
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# HOLDING CHAMBER REMOTE IO



## r43.41-3321-THD-HCH01-RIO01

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	
CWC01: Regular instrumentation control cables	
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Communication cables	
CWE01: Fieldbus communication cable (Inside cabinets)	
CWE02: Fieldbus communication cable (Outside cabinets)	
CWE03: Optic fibre communication cable	

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

						CONTRACTOR	<div><div>insertec</div><div>Furnaces &amp; Refractories</div></div> <div></div>	CONTRACTOR dwg number	Rev. A	Project Code E2558	Project Name ALFAGEN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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CVS POWER AND CONTROL PANEL  
r43.41-3321-THD-CVT01-POP01


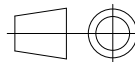
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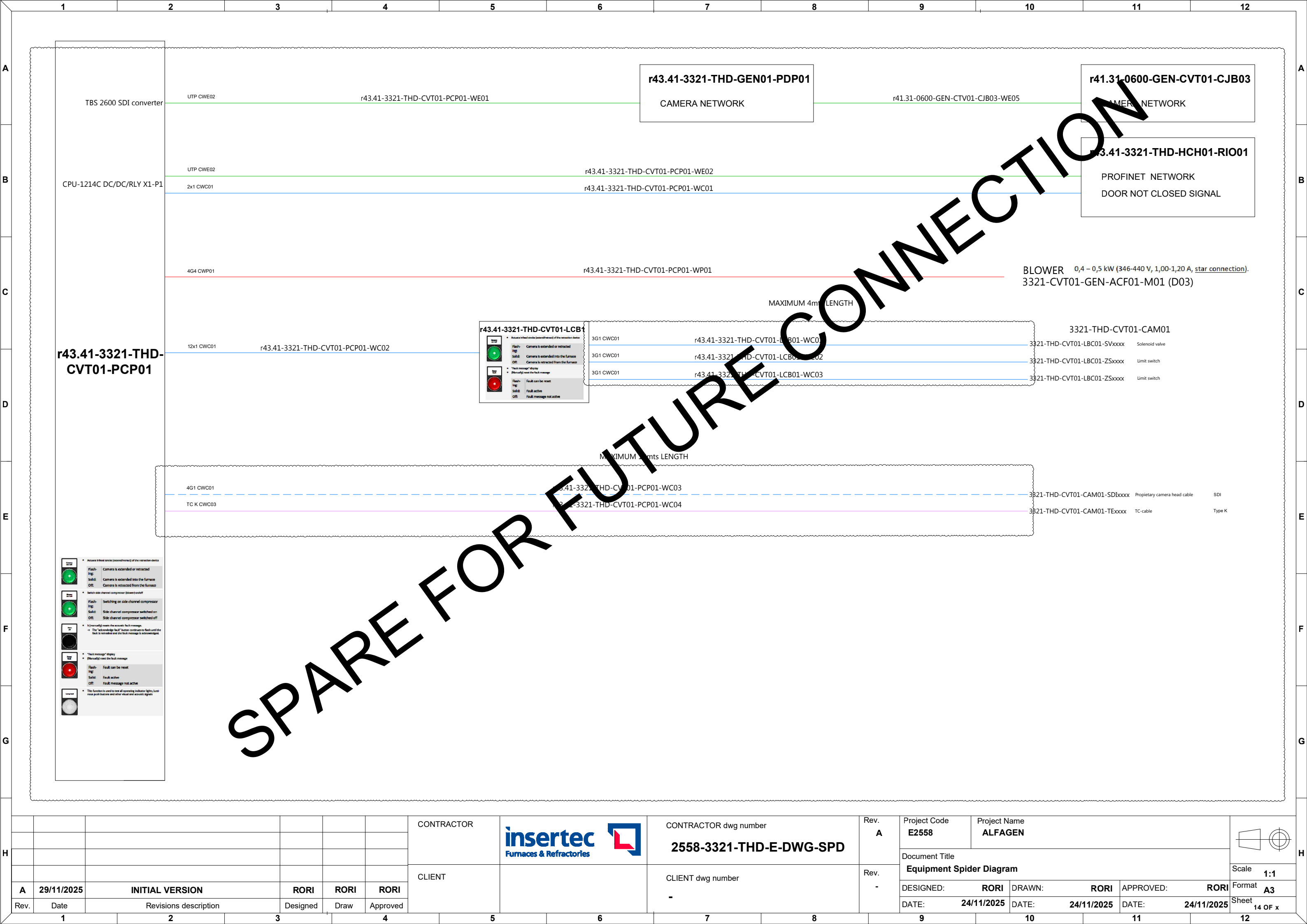
LEGEND

- 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

- Power cables
- CWP01: Regular power cables
  - CWP02: Shielded power cable
  - CWP03: Flexible power cables
  - CWP04: Regular high temperature power cables
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CVS POWER AND CONTROL PANEL  
r43.41-3321-THD-CVT01-POP02


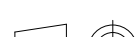
SPARE FOR FUTURE CONNECTION

LEGEND

- 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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