



CUSTOMER:

Customer Name: ALINVEST

PROJECT:

Project Code: E2558

Project Name: ALFAGEN

DOCUMENT INFORMATION:



Document Title: Equipment Spider Diagram

Contractor File Name: 2558-0600-GEN-E-DWG-SPD

Contractor Revision Number: A

Customer File Name: -








Customer Revision Number: -

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|------|------------|-----------------------|---|--|----------|------------|---|--|-----------|--|----------------------------|------------------|------------------|---|----|--|----|
| | | | | | | CONTRACTOR |  | CONTRACTOR dwg number 2558-0600-GEN-E-DWG-SPD | Rev. A | Project Code E2558 | Project Name ALFAGEN | | |  | | | |
| | | | | | | | | | | Document Title Equipment Spider Diagram | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| A | 29/11/2025 | INITIAL VERSION | | | RORI | RORI | JOCA | CLIENT | | Rev. - | CLIENT dwg number - | | | Scale 1:1 | | | |
| Rev. | Date | Revisions description | | | Designed | Draw | Approved | | | | DESIGNED: RORI | DRAWN: RORI | APPROVED: JOCA | Format A3 | | | |
| | | | | | | | | | | | DATE: 29/11/2025 | DATE: 29/11/2025 | DATE: 29/11/2025 | Sheet 1 OF x | | | |
| | 1 | | 2 | | 3 | | | 5 | | | 9 | | 10 | | 11 | | 12 |

MAIN SCADA SERVER CONTROL PANEL


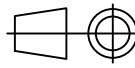
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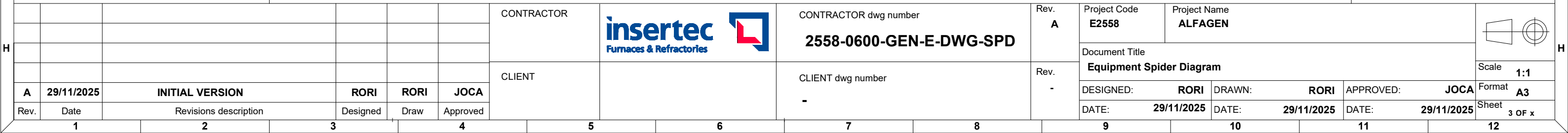
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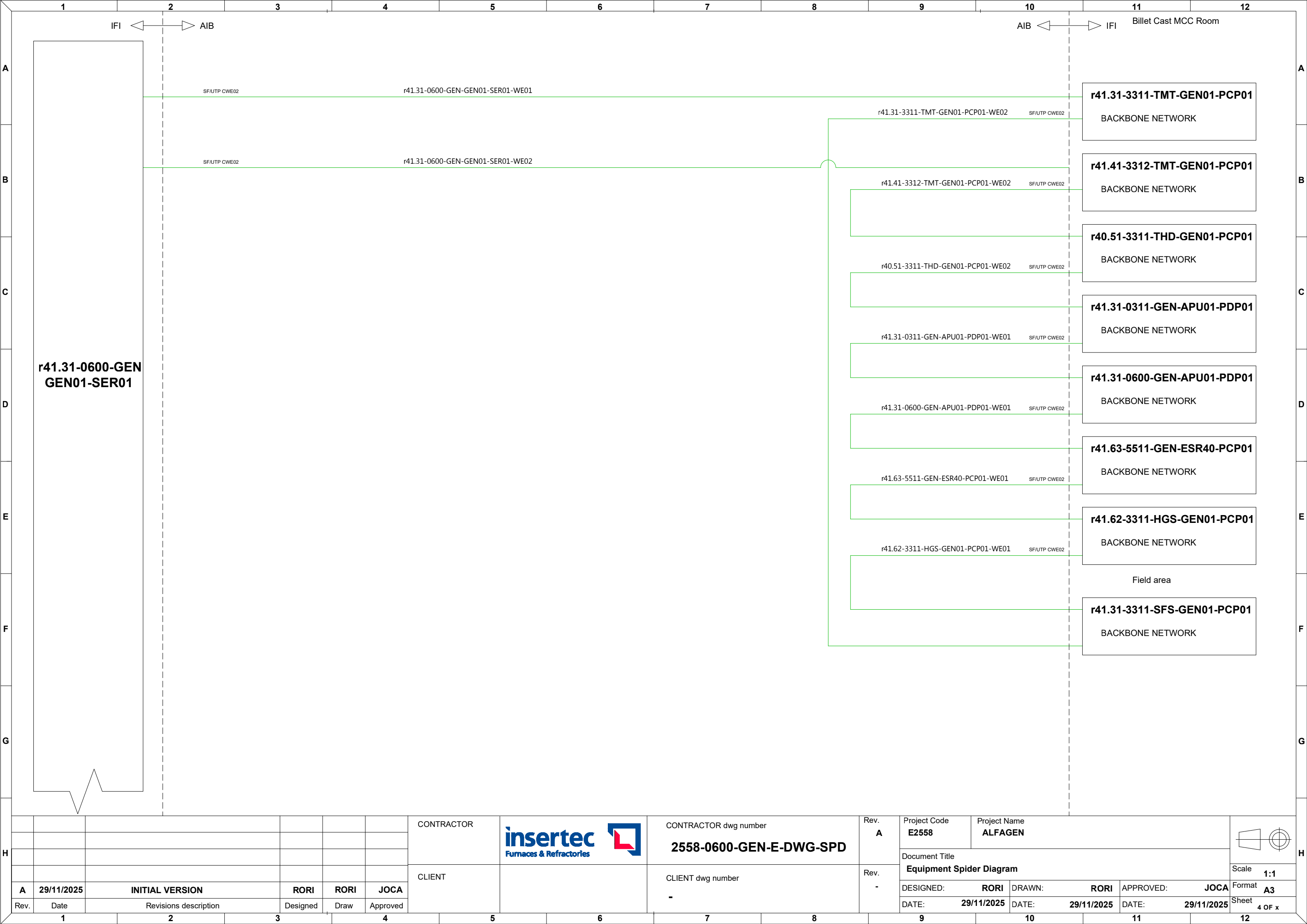
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|---|-------------------------|---|---------------------------|
|  | 400Vac Power supply |  | Regular control signals |
|  | 400Vac UPS power supply |  | Analog & shielded signals |
|  | 230Vac Power supply |  | T/C connection |
|  | 230Vac UPS power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


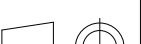
CATEGORY

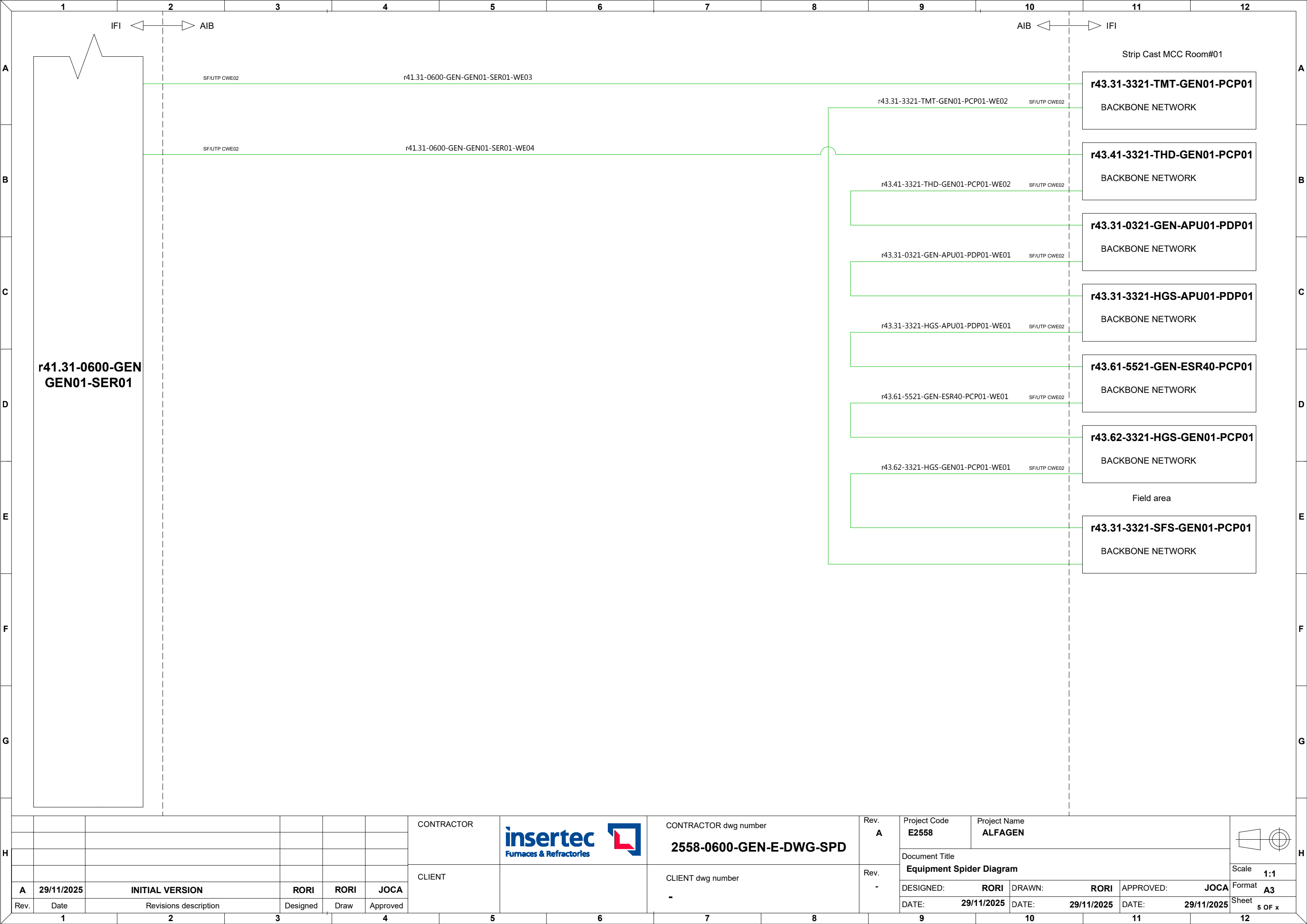
| |
|---|
| Power cables |
| CWP01: Regular power cables |
| CWP02: Shielded power cable |
| CWP03: Flexible power cables |
| CWP04: Regular high temperature power cables |
| CWP05: Shielded high temperature power cables |
| CWP06: General use power cable |
| Instrumentation and control cables |
| CWC01: 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 |


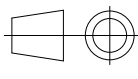
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| | | | | | | | | | | Document Title Equipment Spider Diagram | | | Scale 1:1 | |
| A | 29/11/2025 | INITIAL VERSION | | RORI | RORI | | | | | JOCA | DESIGNED: RORI | DRAWN: RORI | | |
| Rev. | Date | Revisions description | | | Designed | Draw | Approved | CLIENT | | Rev. - | DATE: 29/11/2025 | DATE: 29/11/2025 | DATE: 29/11/2025 | Sheet 2 OF x |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | |

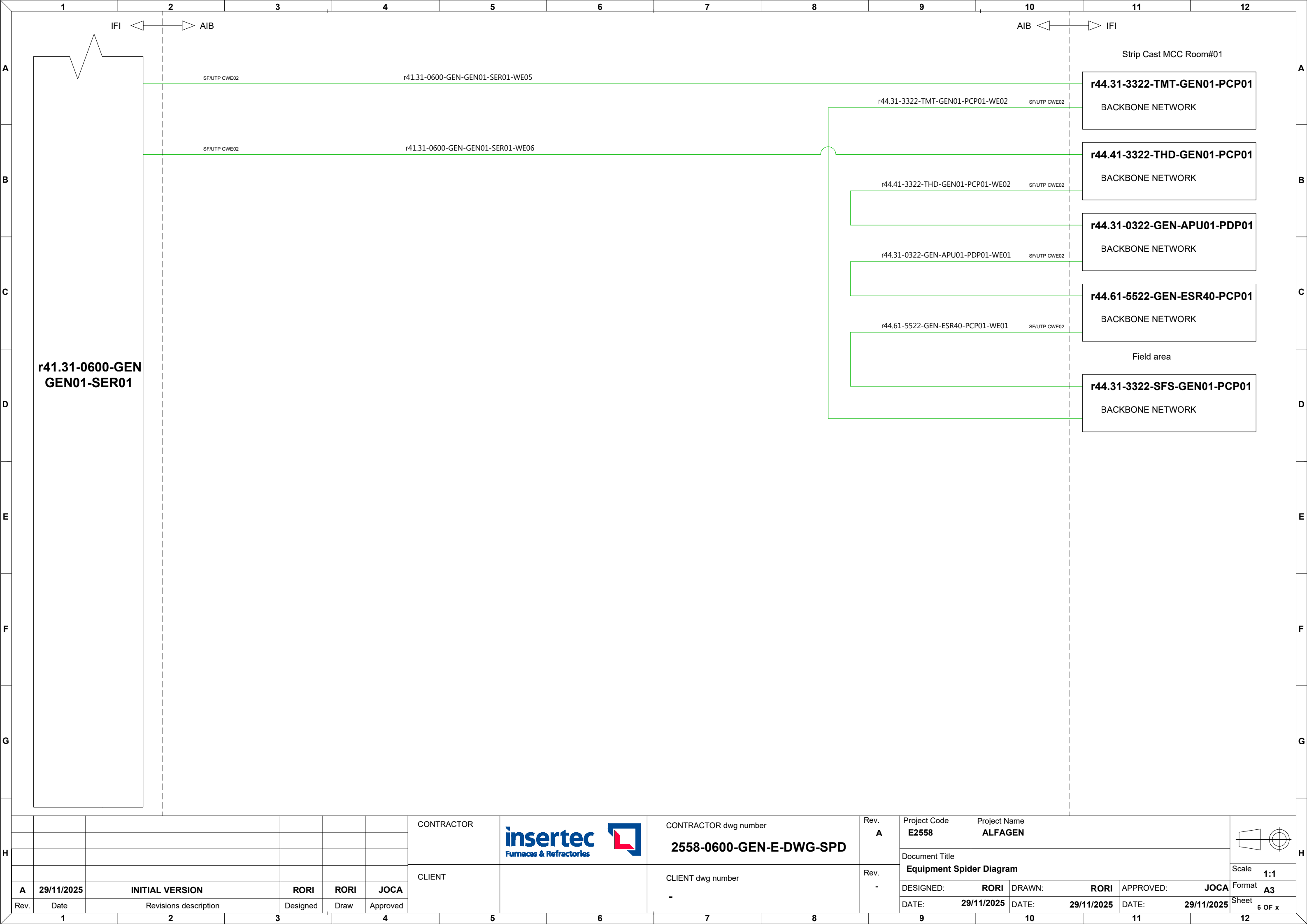



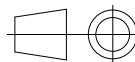


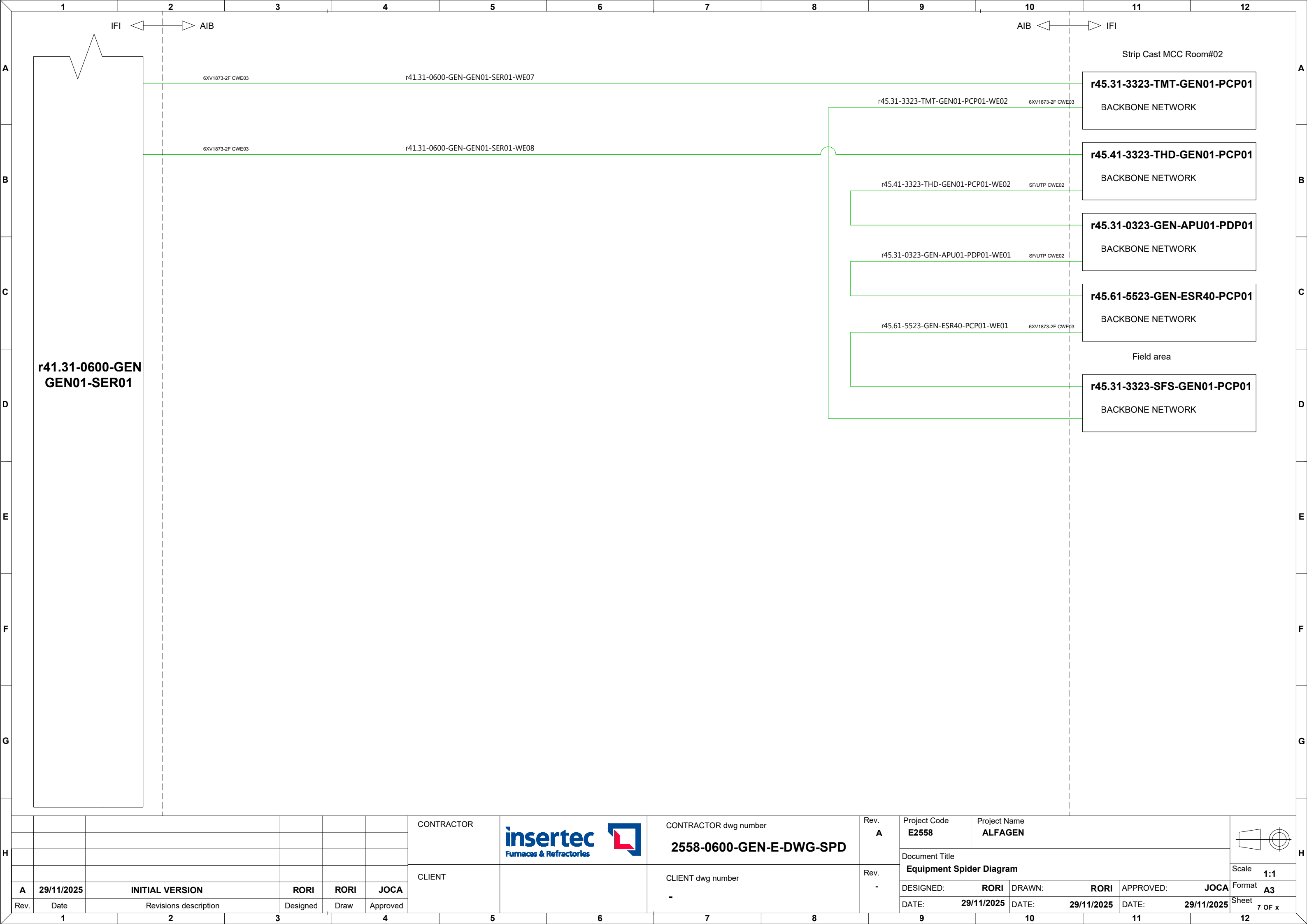
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| H | | | | | | | CONTRACTOR |  | CONTRACTOR dwg number 2558-0600-GEN-E-DWG-SPD | Rev. A | Project Code E2558 | Project Name ALFAGEN | | |  | H | | | | | | | | |
| | | | | | | | | | | | Document Title Equipment Spider Diagram | | | Scale 1:1 | | | | | | | | | | |
| | | | | | | | | | | | DESIGNED: RORI | DRAWN: RORI | APPROVED: JOCA | Format A3 | | | | | | | | | | |
| | A | 29/11/2025 | INITIAL VERSION | | RORI | RORI | JOCA | CLIENT | | CLIENT dwg number - | Rev. - | DATE: 29/11/2025 | | | Sheet 4 OF x | | | | | | | | | |
| | Rev. | Date | Revisions description | | Designed | Draw | Approved | | | | | DATE: 29/11/2025 | | | DATE: 29/11/2025 | | DATE: 29/11/2025 | | | | | | | |
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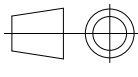


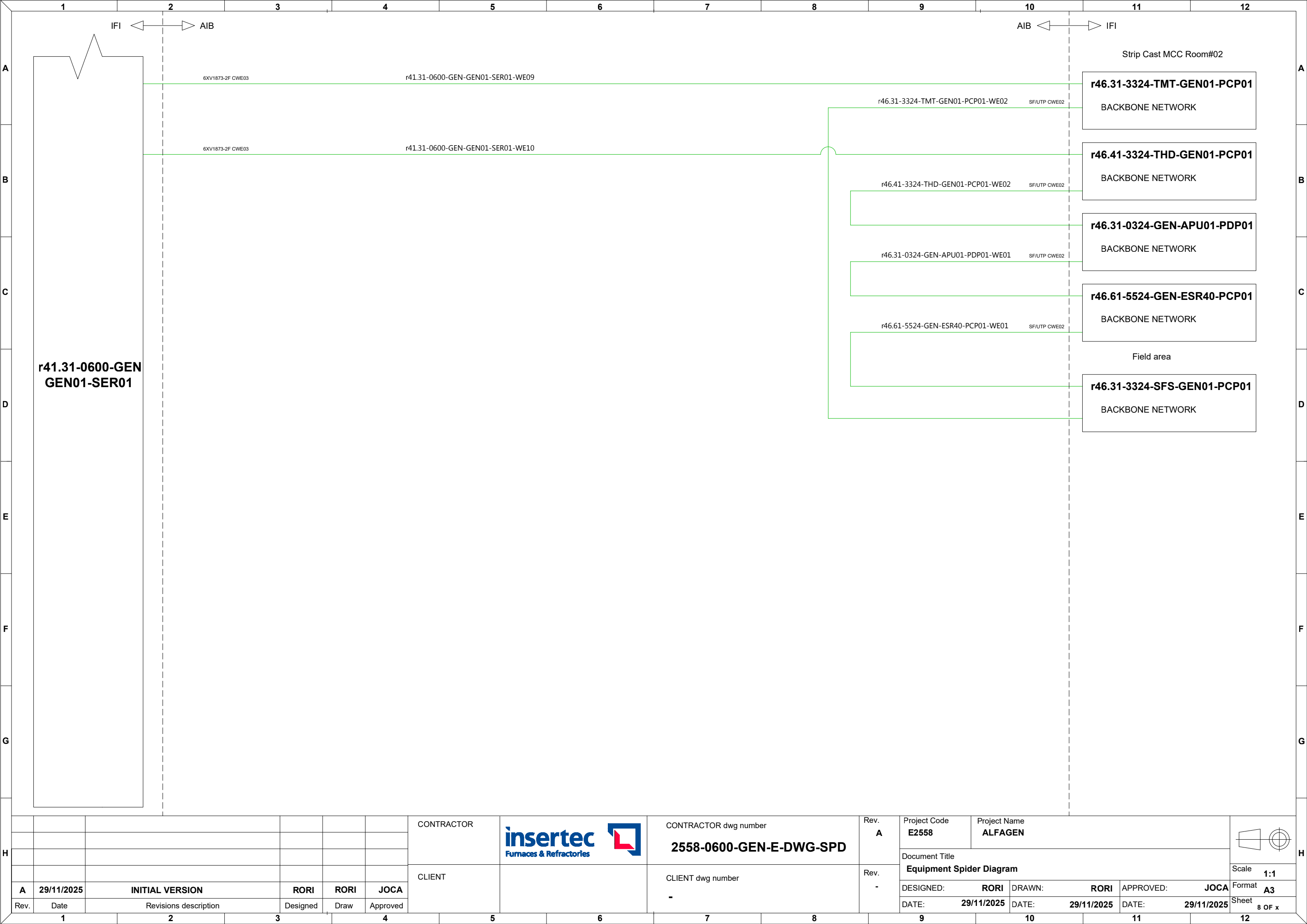
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| H | | | | | | | CONTRACTOR |  | CONTRACTOR dwg number | Rev. A | Project Code | Project Name | | |  | H | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | CLIENT | | CLIENT dwg number | Rev. - | Document Title | | | Scale | | | | | | | | | | |
| | | | | | | | | | | | Equipment Spider Diagram | | | 1:1 | | | | | | | | | | |
| | A | 29/11/2025 | INITIAL VERSION | | | RORI | | | | | RORI | JOCA | DESIGNED: RORI | DRAWN: RORI | APPROVED: JOCA | Format | A3 | | | | | | | |
| Rev. | Date | Revisions description | | | Designed | Draw | Approved | - | DATE: 29/11/2025 | DATE: 29/11/2025 | DATE: 29/11/2025 | Sheet | 5 OF x | | | | | | | | | | | |
| | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | |


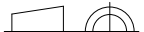


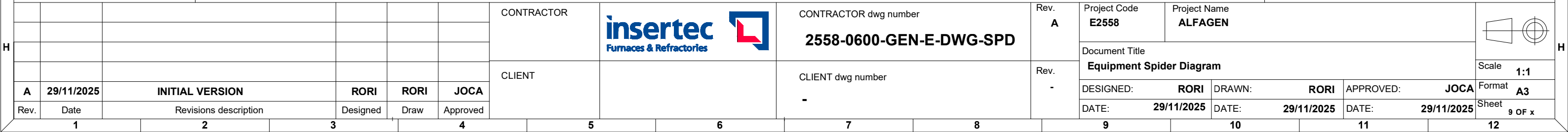
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| | | | | | | CONTRACTOR |  | CONTRACTOR dwg number 2558-0600-GEN-E-DWG-SPD | Rev. A | Project Code E2558 | Project Name ALFAGEN | | |  | | | | | | | | | |
| | | | | | | | | | | Document Title Equipment Spider Diagram | | | | | | | | | | | | | |
| | | | | | | | | | | Scale 1:1 | | | | | | | | | | | | | |
| A | 29/11/2025 | INITIAL VERSION | | | RORI | RORI | JOCA | CLIENT | | Rev. - | DESIGNED: RORI | DRAWN: RORI | APPROVED: JOCA | Format A3 | | | | | | | | | |
| Rev. | Date | Revisions description | | | Designed | Draw | Approved | | | | DATE: 29/11/2025 | DATE: 29/11/2025 | DATE: 29/11/2025 | Sheet 6 OF x | | | | | | | | | |
| 1 | | 2 | | 3 | | 4 | | | | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 |



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| | | | | | | CONTRACTOR | <div></div> | CONTRACTOR dwg number | Rev. A | Project Code E2558 | Project Name ALFAGEN | | | <div></div> |
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| | | | | | | CLIENT | | CLIENT dwg number | Rev. - | DESIGNED: RORI | DRAWN: RORI | APPROVED: JOCA | Format A3 | |
| A | 29/11/2025 | INITIAL VERSION | RORI | RORI | JOCA | | | - | | DATE: 29/11/2025 | DATE: 29/11/2025 | DATE: 29/11/2025 | Sheet 7 OF x | |
| Rev. | Date | Revisions description | | Designed | Draw | Approved | | | | | | | | |
| 1 | | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |



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|------|------|-----------------------|-----------------|---|----------|------|------------|---|-----------------------|--------|--------------------------|--------------|----------------|-------------|---|--------|
| H | | | | | | | CONTRACTOR |  | CONTRACTOR dwg number | Rev. A | Project Code | Project Name | | |  | H |
| | | | | | | | | | | | | | | E2558 | | |
| | | | | | | | CLIENT | | CLIENT dwg number | Rev. - | Document Title | | | | Scale | |
| | | | | | | | | | | | Equipment Spider Diagram | | | | 1:1 | |
| | A | 29/11/2025 | INITIAL VERSION | | | RORI | | | | | RORI | JOCA | DESIGNED: RORI | DRAWN: RORI | APPROVED: JOCA | Format |
| Rev. | Date | Revisions description | | | Designed | Draw | Approved | - | | | | | | | Sheet | |
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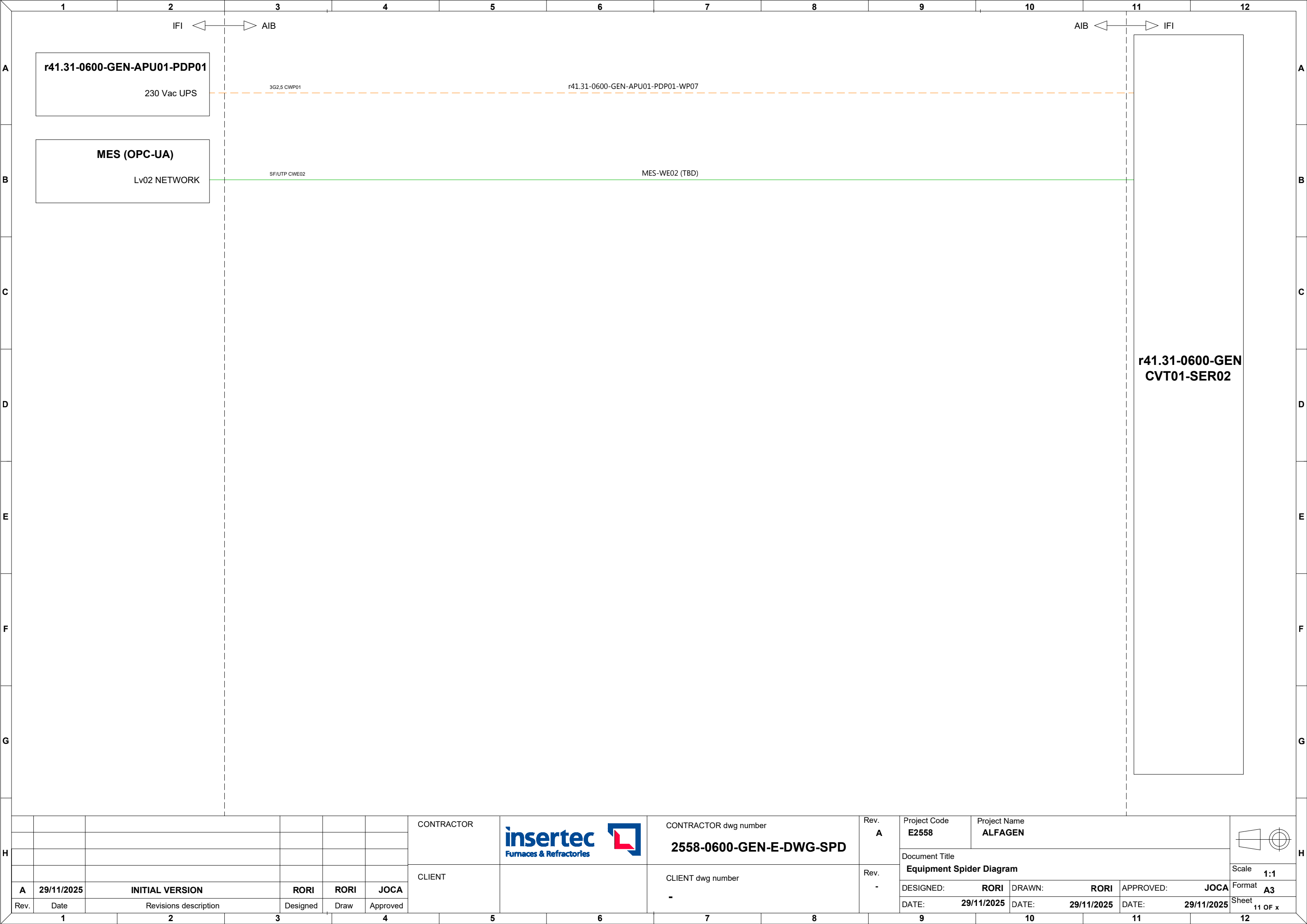
MAIN CAMERA SERVER CONTROL PANEL

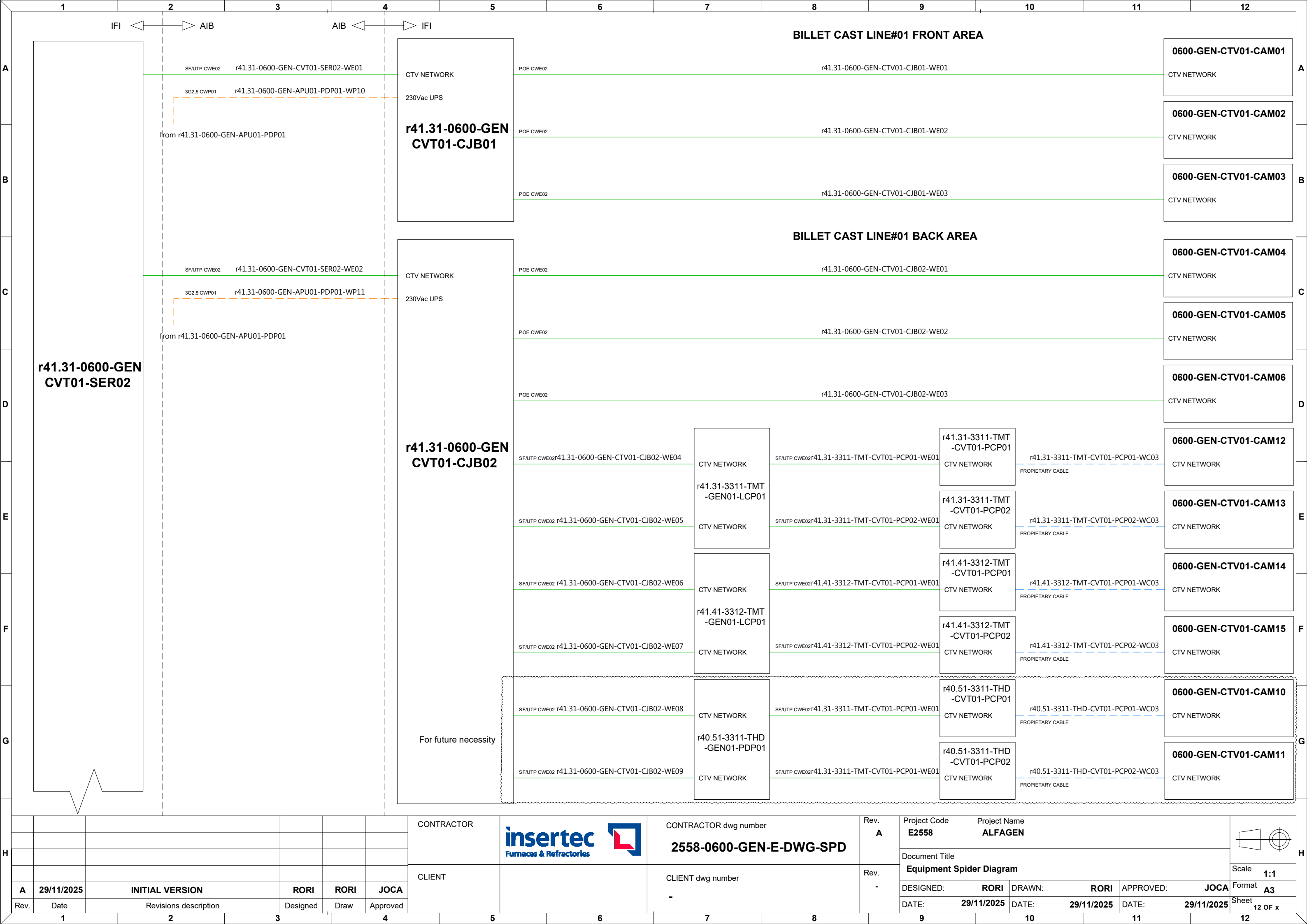
r41.31-0600-GEN-CVT01-SER02


| 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 |
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| CWC01: Regular instrumentation control cables |
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| Communication cables |
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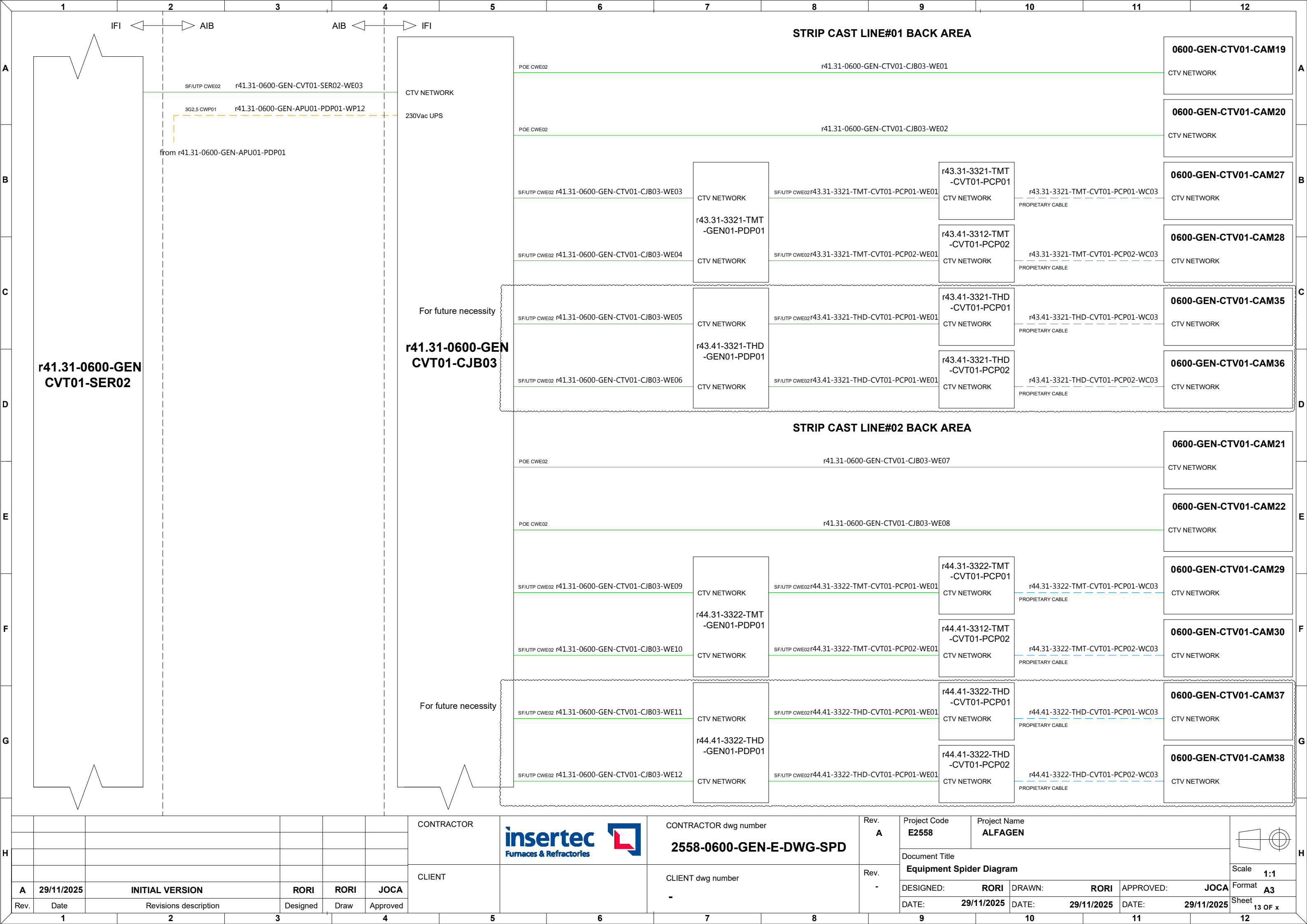
| LEGEND |
|---|
| <div><div></div>400Vac Power supply</div> <div><div></div>400Vac UPS power supply</div> <div><div></div>230Vac Power supply</div> <div><div></div>230Vac UPS power supply</div> <div><div></div>Regular control signals</div> <div><div></div>Analog & shielded signals</div> <div><div></div>T/C connection</div> <div><div></div>Communication connection</div> |


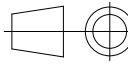
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| | | | | | | CONTRACTOR | <div><div>insertec</div><div>Furnaces & Refractories</div></div> <div></div> | CONTRACTOR dwg number | Rev. A | Project Code E2558 | Project Name ALFAGEN | | | <div></div> |
| | | | | | | | | Document Title | | | Scale 1:1 | | | |
| | | | | | | | | Equipment Spider Diagram | | | | | | |
| A | 29/11/2025 | INITIAL VERSION | | RORI | RORI | JOCA | CLIENT | CLIENT dwg number | Rev. - | | | | Format A3 | |
| Rev. | Date | Revisions description | | Designed | Draw | Approved | | - | | | | | Sheet 10 OF x | |
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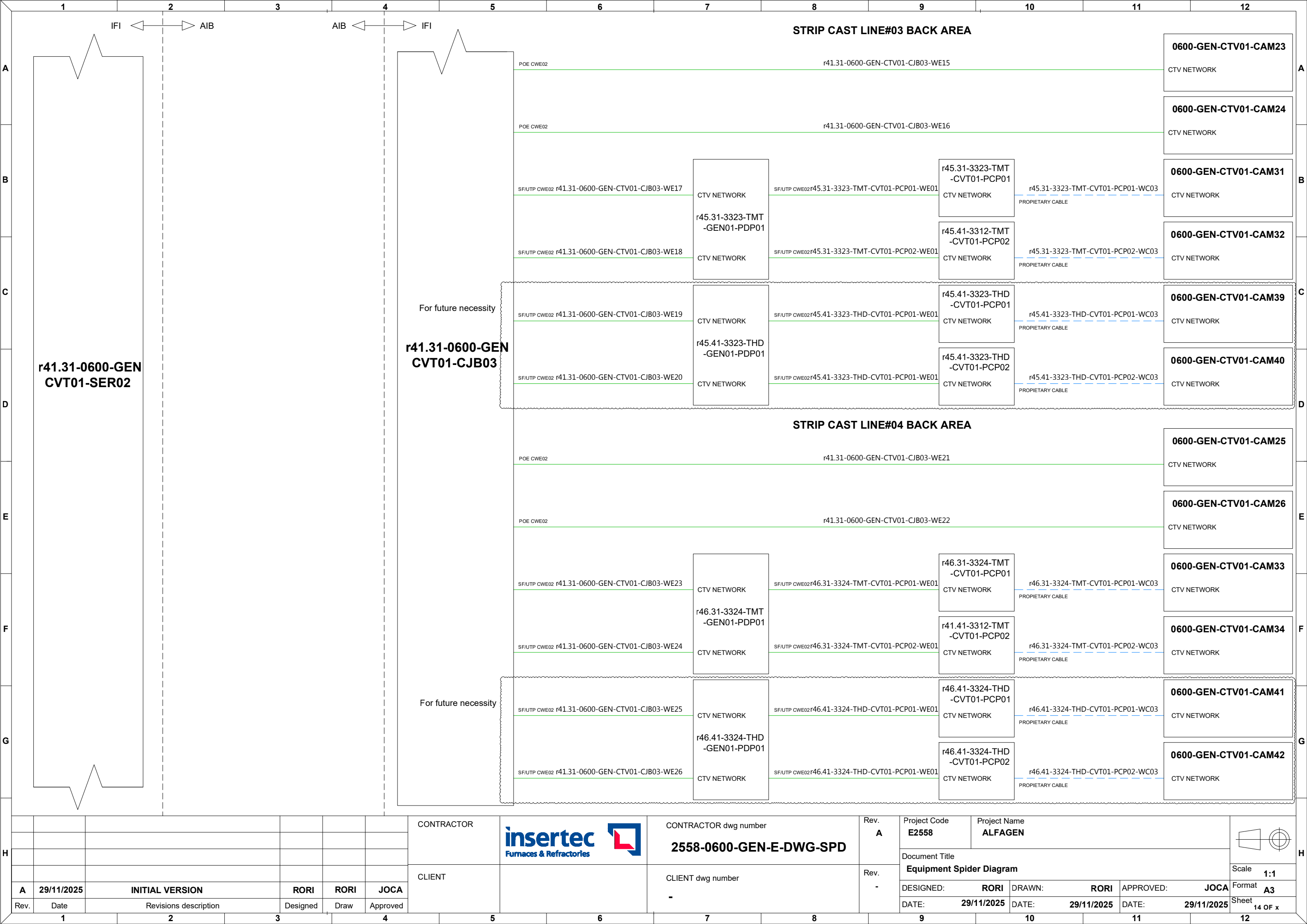



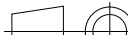


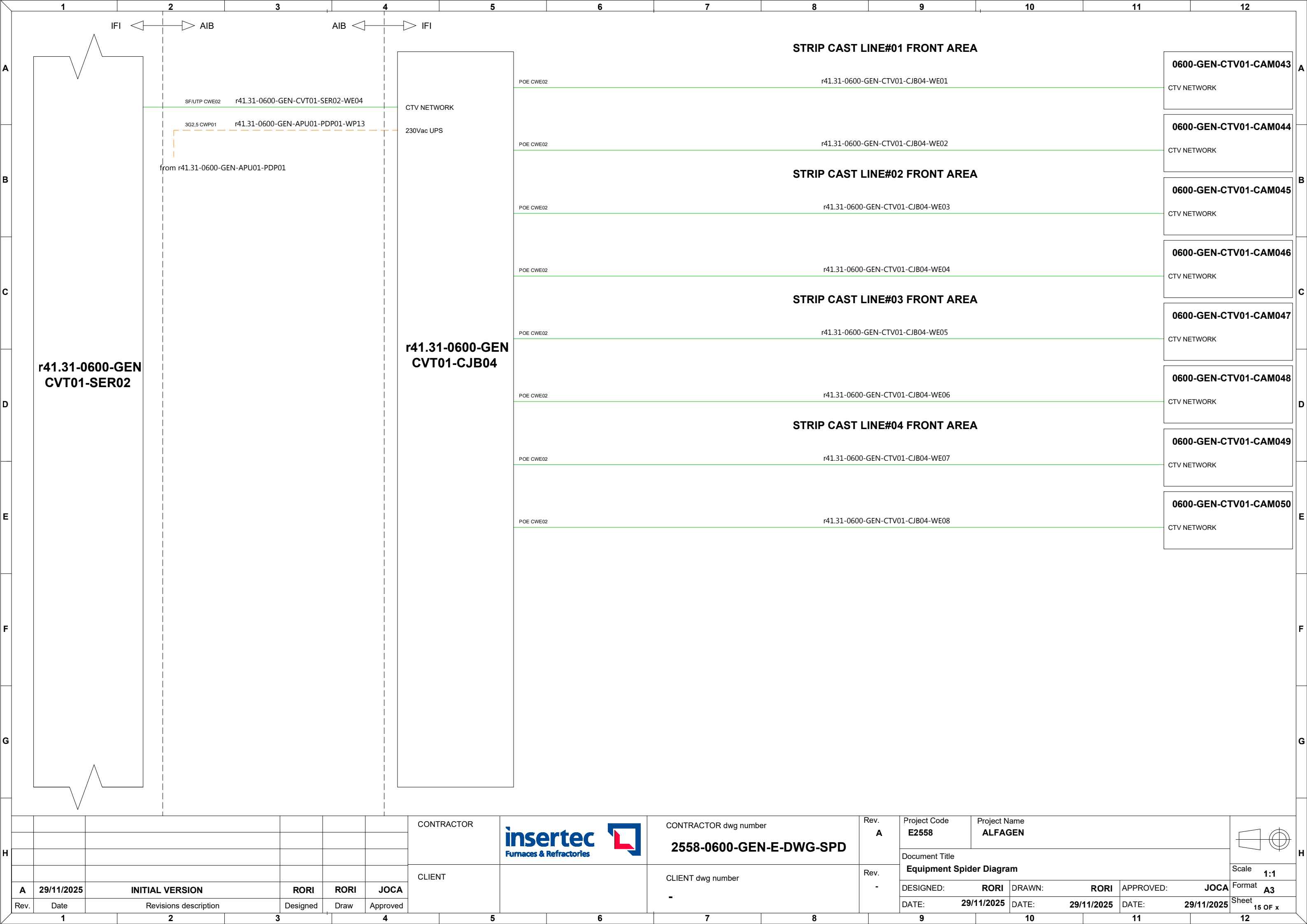
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| H | | | | | | | CONTRACTOR | <div><div>insertec</div><div>Furnaces & Refractories</div></div> <div></div> | CONTRACTOR dwg number | Rev. A | Project Code | Project Name | | | <div><div></div><div></div></div> | H |
| | | | | | | | | | | | E2558 | ALFAGEN | | | | |
| | | | | | | | CLIENT | | CLIENT dwg number | Rev. - | Document Title | | | Scale 1:1 | | |
| | | | | | | | | | | | Equipment Spider Diagram | | | | | |
| | A | 29/11/2025 | INITIAL VERSION | | | RORI | | | | | RORI | JOCA | DESIGNED: RORI | | | DRAWN: RORI |
| Rev. | Date | Revisions description | | | Designed | Draw | Approved | - | | | DATE: 29/11/2025 | | DATE: 29/11/2025 | | DATE: 29/11/2025 | Sheet 12 OF x |
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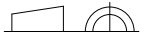


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| 1 | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | |



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| | | | | | | | | | | | Equipment Spider Diagram | | | | 1:1 | | |
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| Rev. | Date | Revisions description | | | Designed | Draw | Approved | - | | | DATE: 29/11/2025 | DATE: 29/11/2025 | DATE: 29/11/2025 | Sheet | 14 OF x | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | | | |



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| H | | | | | | | CONTRACTOR |  | CONTRACTOR dwg number 2558-0600-GEN-E-DWG-SPD | Rev. A | Project Code E2558 | Project Name ALFAGEN | | |  | H | | | | | | | | |
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| | A | 29/11/2025 | INITIAL VERSION | | | RORI | | | | | RORI | JOCA | DATE: 29/11/2025 | | DATE: 29/11/2025 | | DATE: 29/11/2025 | | Sheet 15 OF x | | | | | |
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