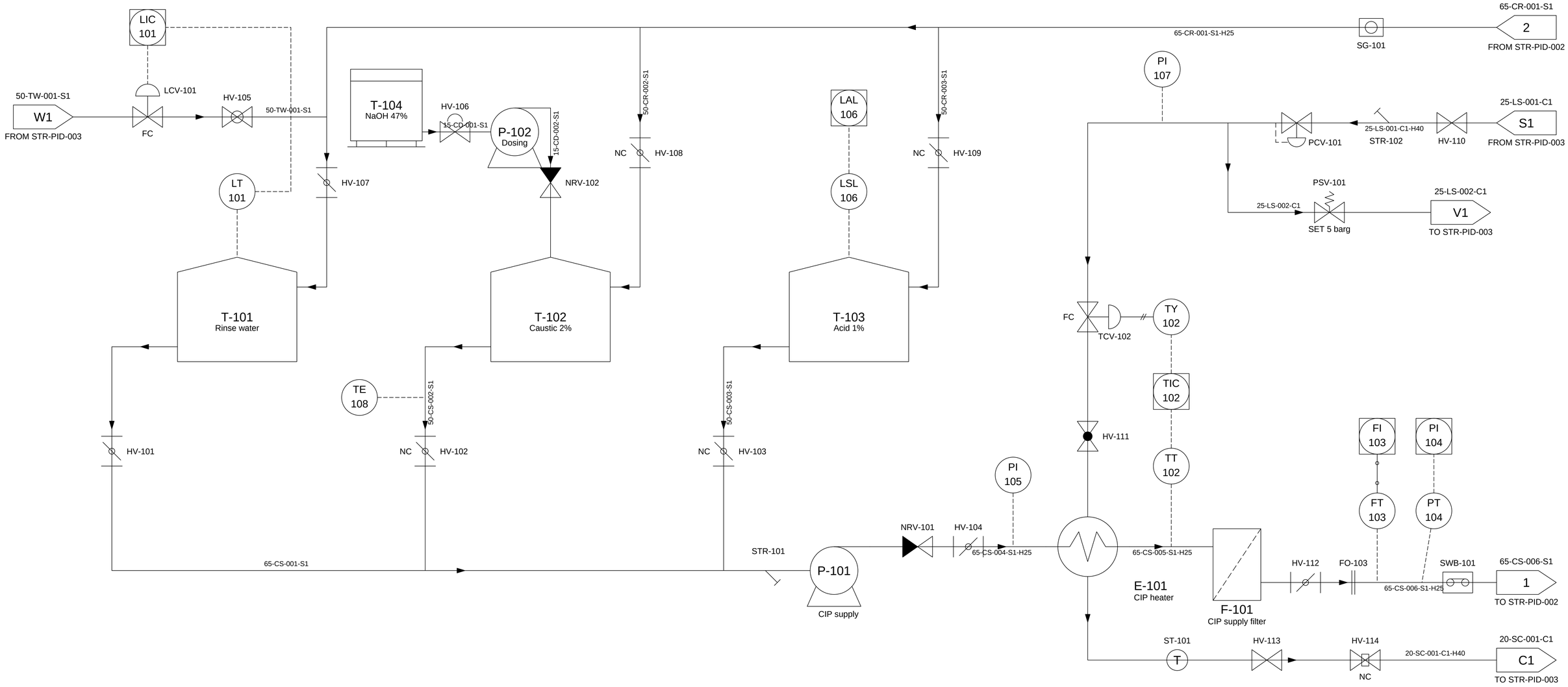
# CIP-1 SUPPLY SIDE

Ashcombe Creamery, CIP room (fictional)




## Off-page connector list

| Connector | Direction | To | Line | Shown |
|---|---|---|---|---|
| 1 | Out | STR-PID-002 | 65-CS-006-S1 | 65-CS-006-S1 |
| 2 | In | STR-PID-002 | 65-CR-001-S1 | 65-CR-001-S1 |
| C1 | Out | STR-PID-003 | 20-SC-001-C1 | 20-SC-001-C1 |
| S1 | In | STR-PID-003 | 25-LS-001-C1 | 25-LS-001-C1 |
| V1 | Out | STR-PID-003 | 25-LS-002-C1 | 25-LS-002-C1 |
| W1 | In | STR-PID-003 | 50-TW-001-S1 | 50-TW-001-S1 |

## Loop list

| Loop | Instruments | Final elements | Lines |
|---|---|---|---|
| 101 | LIC-101 LT-101 | LCV-101 | 50-TW-001-S1 |
| 102 | TIC-102 TT-102 TY-102 | TCV-102 | 25-LS-001-C1 65-CS-005-S1 |
| 103 | FI-103 FT-103 | | 65-CS-006-S1 |
| 104 | PI-104 PT-104 | | 65-CS-006-S1 |
| 105 | PI-105 | | 65-CS-004-S1 |
| 106 | LAL-106 LSL-106 | | |
| 107 | PI-107 | | 25-LS-001-C1 |
| 108 | TE-108 | | 50-CS-002-S1 |

## NOTES

1. Drawn with the P&ID plugin 0.7.0 at symbol scale 1.5 (PIDSCALE). Every symbol, tag, line number, arrow, hop, connector and list is the plugin's own object.
2. Line numbers: size-service-sequence-spec, then insulation. CS CIP supply, CR CIP return, CD caustic dosing, TW towns water, LS LP steam, SC condensate. Specs S1 316L, C1 carbon steel.
3. 1 and 2 continue on STR-PID-002; S1, C1, V1 and W1 on STR-PID-003 (checked with PIDSHEETS).
4. T-104 (IBC), SG-101 (sight glass) and SWB-101 (swing bend) are symbols of my own (PIDSYMDEF, PIDLIB).
5. Lists: STR-PID-004. Not to scale.

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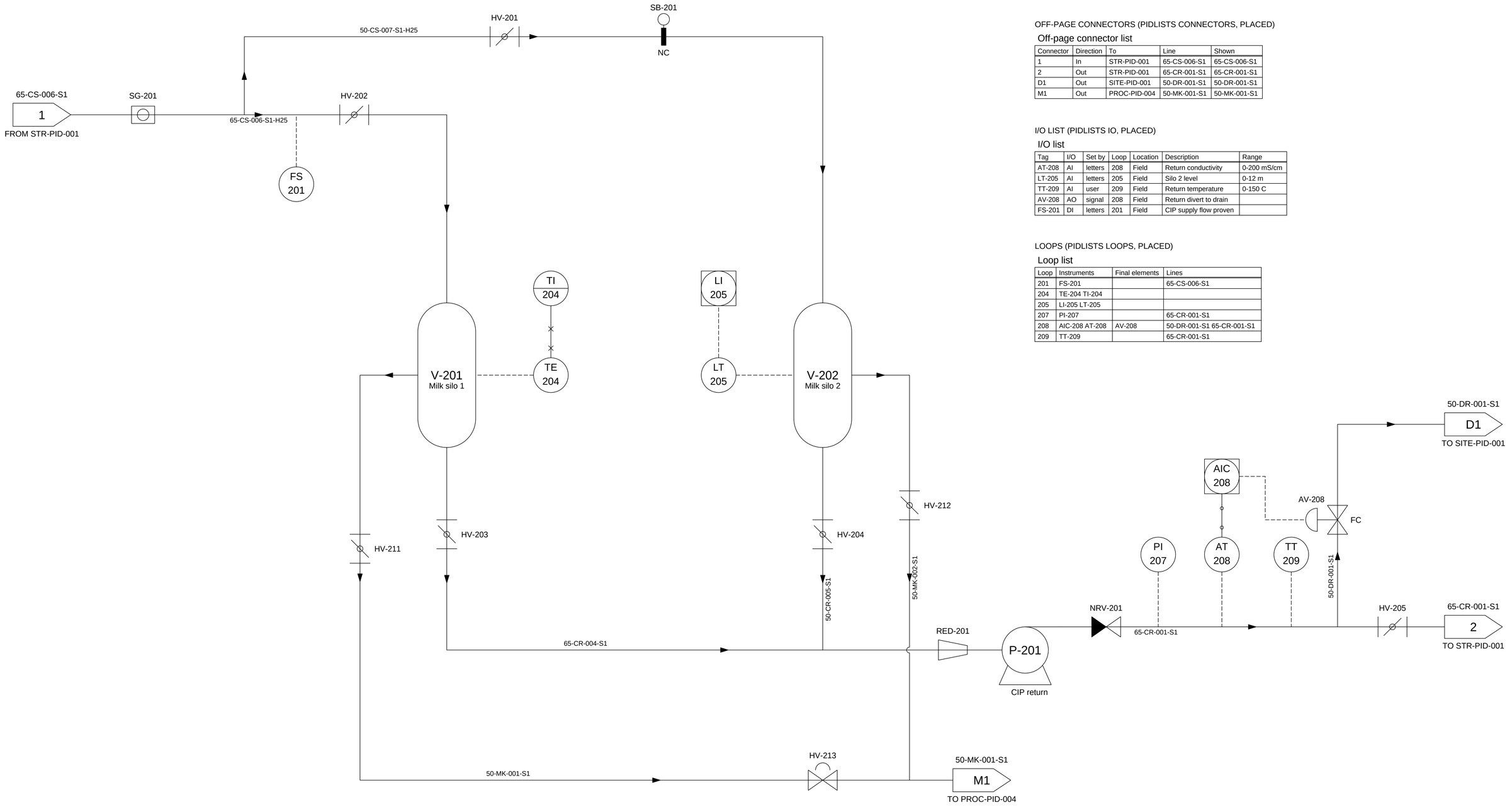
| | | | |
|---|---|---|---|
| TITLE: CIP SET CIP-1: TANKS, DOSING, SUPPLY PUMP, HEATER AND FILTER (CIP SUPPLY SIDE) | | | |
| PROJECT: Ashcombe Creamery CIP-1 (fictional) | | DRAWN: Stratal CAD demo | |
| DRAWING NO.: STR-PID-001 | SHEET: 1 of 4 | SCALE: NTS | SIZE: A1 |
| SOFTWARE: Stratal CAD 0.1.8, P&ID 0.7.0 | | DATE: 12 Nov 2026 | |
| STATUS: DEMONSTRATION DRAWING - NOT FOR MANUFACTURE | | | |

# CIRCUITS A AND B, CIP RETURN

Ashcombe Creamery, silo room (fictional)




OFF-PAGE CONNECTORS (PIDLISTS CONNECTORS, PLACED)

Off-page connector list

| Connector | Direction | To | Line | Shown |
|---|---|---|---|---|
| 1 | In | STR-PID-001 | 65-CS-006-S1 | 65-CS-006-S1 |
| 2 | Out | STR-PID-001 | 65-CR-001-S1 | 65-CR-001-S1 |
| D1 | Out | SITE-PID-001 | 50-DR-001-S1 | 50-DR-001-S1 |
| M1 | Out | PROC-PID-004 | 50-MK-001-S1 | 50-MK-001-S1 |

I/O LIST (PIDLISTS IO, PLACED)

I/O list

| Tag | I/O | Set by | Loop | Location | Description | Range |
|---|---|---|---|---|---|---|
| AT-208 | AI | letters | 208 | Field | Return conductivity | 0-200 mS/cm |
| LT-205 | AI | letters | 205 | Field | Silo 2 level | 0-12 m |
| TT-209 | AI | user | 209 | Field | Return temperature | 0-150 C |
| AV-208 | AO | signal | 208 | Field | Return divert to drain | |
| FS-201 | DI | letters | 201 | Field | CIP supply flow proven | |

LOOPS (PIDLISTS LOOPS, PLACED)

Loop list

| Loop | Instruments | Final elements | Lines |
|---|---|---|---|
| 201 | FS-201 | | 65-CS-006-S1 |
| 204 | TE-204 TI-204 | | |
| 205 | LI-205 LT-205 | | |
| 207 | PI-207 | | 65-CR-001-S1 |
| 208 | AIC-208 AT-208 | AV-208 | 50-DR-001-S1 65-CR-001-S1 |
| 209 | TT-209 | | 65-CR-001-S1 |

NOTES

1. Drawn with the P&ID plugin 0.7.0 at symbol scale 1.5 (PIDSCALE). A drawing of its own: connectors 1 and 2 continue on STR-PID-001 and are checked against it with PIDSHEETS.
2. Everything here was placed with Enter for its tag and renumbered from 201 with PIDTAG Selected.
3. SB-201 is normally closed (NC): circuit B is blinded off while silo 2 is in service.
4. AIC-208 diverts the return to drain (D1) until the conductivity shows clean rinse water.
5. M1: milk to the process P&ID PROC-PID-004 (not part of this job). Not to scale.

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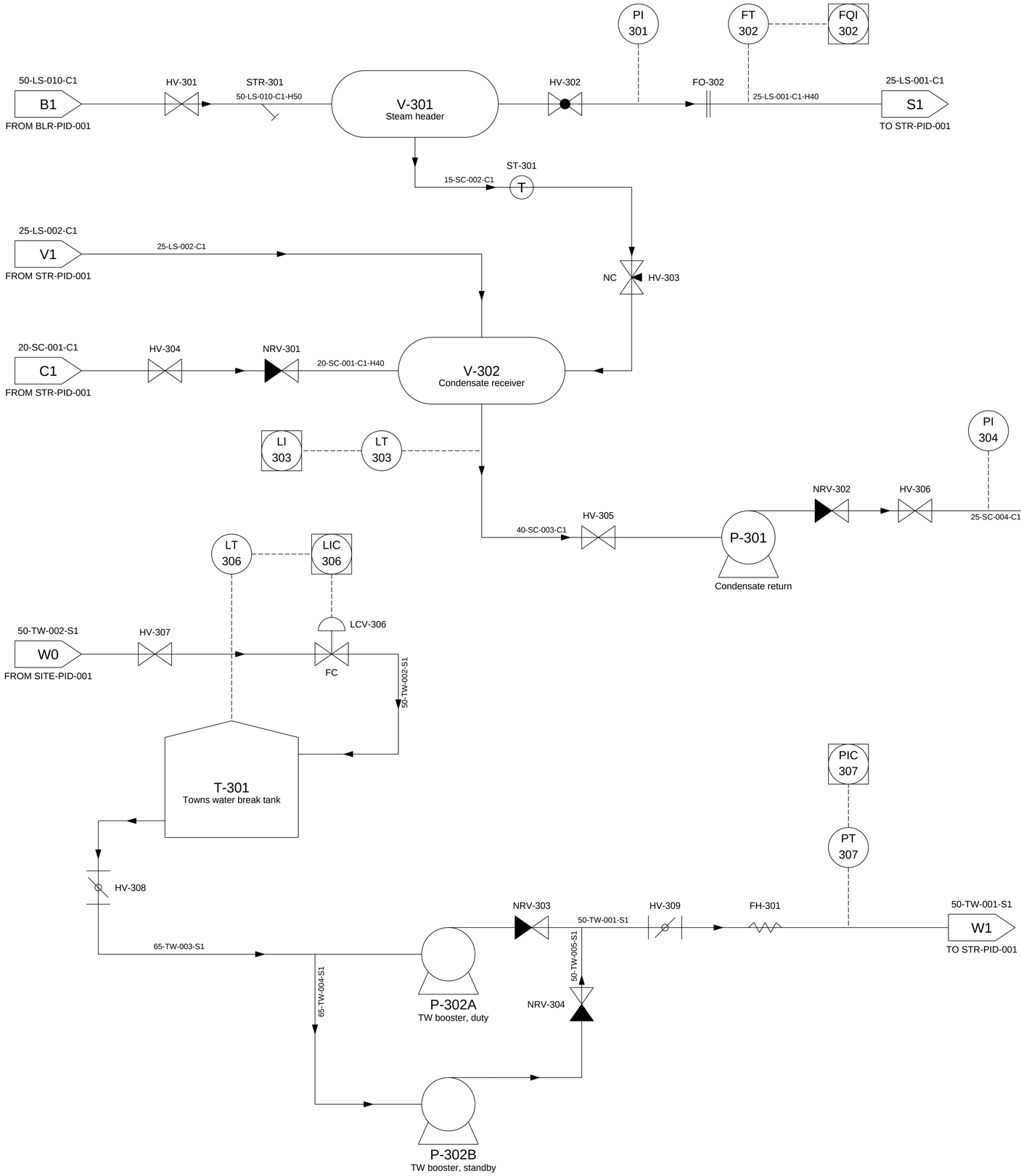
TITLE

CIP SET CIP-1: MILK SILOS V-201 AND V-202, CIP RETURN PUMP P-201

| PROJECT | DRAWN | | |
|---|---|---|---|
| Ashcombe Creamery CIP-1 (fictional) | Stratal CAD demo | | |
| DRAWING NO. | SHEET | SCALE | SIZE |
| STR-PID-002 | 2 of 4 | NTS | A1 |
| SOFTWARE | | DATE | |
| Stratal CAD 0.1.8, P&ID 0.7.0 | | 12 Nov 2026 | |
| STATUS | | | |
| DEMONSTRATION DRAWING - NOT FOR MANUFACTURE | | | |

# CIP-1 UTILITIES

Ashcombe Creamery, plant room (fictional)




OFF-PAGE CONNECTORS (PIDLISTS CONNECTORS, PLACED)

Off-page connector list

| Connector | Direction | To | Line | Shown |
|---|---|---|---|---|
| A1 | Out | STR-PID-004 | 25-IA-004-S1 | 25-IA-004-S1 |
| B1 | In | BLR-PID-001 | 50-LS-010-C1 | 50-LS-010-C1 |
| B2 | Out | BLR-PID-001 | 25-SC-004-C1 | 25-SC-004-C1 |
| C1 | In | STR-PID-001 | 20-SC-001-C1 | 20-SC-001-C1 |
| S1 | Out | STR-PID-001 | 25-LS-001-C1 | 25-LS-001-C1 |
| V1 | In | STR-PID-001 | 25-LS-002-C1 | 25-LS-002-C1 |
| W0 | In | SITE-PID-001 | 50-TW-002-S1 | 50-TW-002-S1 |
| W1 | Out | STR-PID-001 | 50-TW-001-S1 | 50-TW-001-S1 |

I/O LIST (PIDLISTS IO, PLACED)

I/O list

| Tag | I/O | Set by | Loop | Location | Description | Range |
|---|---|---|---|---|---|---|
| FT-302 | AI | letters | 302 | Field | Steam to CIP-1 | 0-600 kg/h |
| LT-303 | AI | letters | 303 | Field | Condensate receiver level | 0-600 mm |
| LT-306 | AI | letters | 306 | Field | Break tank level | 0-1.5 m |
| PT-307 | AI | letters | 307 | Field | Booster set pressure | 0-10 barg |
| PT-309 | AI | letters | 309 | Field | Air receiver pressure | 0-16 barg |
| LCV-306 | AO | signal | 306 | Field | | |

NOTES

1. Drawn with the P&ID plugin 0.7.0 at symbol scale 1.5 (PIDSCALE). A drawing of its own: PIDSHEETS checks its connectors against STR-PID-001.
2. S1, C1, V1 and W1 continue on STR-PID-001. B1 and B2 go to the boiler house P&ID, W0 to site services and A1 to the filling hall P&ID (not part of this job).
3. LS LP steam, SC condensate, TW towns water, IA instrument air. Specs C1 carbon steel, S1 stainless steel.
4. The two lists are placed by PIDLISTS and follow the drawing. Not to scale.

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TITLE

CIP SET CIP-1: UTILITIES. STEAM, CONDENSATE, TOWNS WATER AND COMPRESSED AIR

| PROJECT | DRAWN | | |
|---|---|---|---|
| Ashcombe Creamery CIP-1 (fictional) | Stratal CAD demo | | |
| DRAWING NO. | SHEET | SCALE | SIZE |
| STR-PID-003 | 3 of 4 | NTS | A1 |
| SOFTWARE | | DATE | |
| Stratal CAD 0.1.8, P&ID 0.7.0 | | 12 Nov 2026 | |
| STATUS | | | |
| DEMONSTRATION DRAWING - NOT FOR MANUFACTURE | | | |

# LISTS OF STR-PID-001 (PIDLISTS PLACE), REVISION B

## Line list

| Line | Size | Service | Sequence | Spec | From | To | Length | Drawn length (mm) | Insulation | Valves | Instruments | Design pressure | Design temperature | Test pressure | Piping line |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15-CD-001-S1 | 15 | CD | 001 | S1 | T-104 outlet | P-102 suction | 1.5 m | 34 | | HV-106 | | 6 barg | 40 C | 9 barg | |
| 15-CD-002-S1 | 15 | CD | 002 | S1 | P-102 discharge | T-102 roof | 3 m | 75 | | NRV-102 | | 6 barg | 40 C | 9 barg | |
| 65-CR-001-S1 | 65 | CR | 001 | S1 | OPC 2 from STR-PID-002 | T-101 inlet | 52 m | 734 | H25 | SG-101 HV-107 | | 10 barg | 95 C | 15 barg | |
| 50-CR-002-S1 | 50 | CR | 002 | S1 | 65-CR-001-S1 | T-102 inlet | 5 m | 146 | | HV-108 | | 10 barg | 95 C | 15 barg | |
| 50-CR-003-S1 | 50 | CR | 003 | S1 | 65-CR-001-S1 | T-103 inlet | 5 m | 146 | | HV-109 | | 10 barg | 95 C | 15 barg | |
| 65-CS-001-S1 | 65 | CS | 001 | S1 | T-101 outlet | P-101 suction | 14 m | 496 | | HV-101 STR-101 | | 10 barg | 95 C | 15 barg | |
| 50-CS-002-S1 | 50 | CS | 002 | S1 | T-102 outlet | 65-CS-001-S1 | 6 m | 146 | | HV-102 | TE-108 | 10 barg | 95 C | 15 barg | |
| 50-CS-003-S1 | 50 | CS | 003 | S1 | T-103 outlet | 65-CS-001-S1 | 6 m | 146 | | HV-103 | | 10 barg | 95 C | 15 barg | |
| 65-CS-004-S1 | 65 | CS | 004 | S1 | P-101 discharge | E-101 tube in | 4.5 m | 88 | H25 | NRV-101 HV-104 | PI-105 | 10 barg | 95 C | 15 barg | CS-104 |
| 65-CS-005-S1 | 65 | CS | 005 | S1 | E-101 tube out | F-101 inlet | 2 m | 42 | H25 | | TT-102 | 10 barg | 95 C | 15 barg | CS-105 |
| 65-CS-006-S1 | 65 | CS | 006 | S1 | F-101 outlet | OPC 1 to STR-PID-002 | 38 m | 118 | H25 | HV-112 FO-103 SWB-101 | FT-103 PT-104 | 10 barg | 95 C | 15 barg | CS-106 |
| 25-LS-001-C1 | 25 | LS | 001 | C1 | OPC S1 from STR-PID-003 | E-101 shell top | 12 m | 404 | H40 | HV-110 STR-102 PCV-101 TCV-102 HV-111 | PI-107 | 6 barg | 165 C | 9 barg | |
| 25-LS-002-C1 | 25 | LS | 002 | C1 | 25-LS-001-C1 | OPC V1 to STR-PID-003 | 8 m | 147 | | PSV-101 | | 6 barg | 165 C | 9 barg | |
| 20-SC-001-C1 | 20 | SC | 001 | C1 | E-101 shell bottom | OPC C1 to STR-PID-003 | 16 m | 248 | H40 | ST-101 HV-113 HV-114 | | 6 barg | 165 C | 9 barg | |
| 50-TW-001-S1 | 50 | TW | 001 | S1 | OPC W1 from STR-PID-003 | 65-CR-001-S1 | 9 m | 128 | | LCV-101 HV-105 | | 8 barg | 20 C | 12 barg | |

## Valve list

| Tag | Type | Size | Line | Normal position | Description | Fail action | Set pressure |
|---|---|---|---|---|---|---|---|
| FO-103 | Orifice plate | 65 | 65-CS-006-S1 | | | | |
| HV-101 | Butterfly valve | 65 | 65-CS-001-S1 | NO | T-101 outlet | | |
| HV-102 | Butterfly valve | 50 | 50-CS-002-S1 | NC | T-102 outlet | | |
| HV-103 | Butterfly valve | 50 | 50-CS-003-S1 | NC | T-103 outlet | | |
| HV-104 | Butterfly valve | 65 | 65-CS-004-S1 | | | | |
| HV-105 | Ball valve | 50 | 50-TW-001-S1 | NO | Towns water isolation | | |
| HV-106 | Diaphragm valve | 15 | 15-CD-001-S1 | NO | IBC outlet | | |
| HV-107 | Butterfly valve | 65 | 65-CR-001-S1 | NO | Return to T-101 | | |
| HV-108 | Butterfly valve | 50 | 50-CR-002-S1 | NC | Return to T-102 | | |
| HV-109 | Butterfly valve | 50 | 50-CR-003-S1 | NC | Return to T-103 | | |
| HV-110 | Gate valve | 25 | 25-LS-001-C1 | NO | Steam isolation | | |
| HV-111 | Globe valve | 25 | 25-LS-001-C1 | | | | |
| HV-112 | Butterfly valve | 65 | 65-CS-006-S1 | | Filter outlet isolation | | |
| HV-113 | Gate valve | 20 | 20-SC-001-C1 | NO | | | |
| HV-114 | Plug valve | 20 | 20-SC-001-C1 | NC | Condensate test point | | |
| LCV-101 | Control valve | 50 | 50-TW-001-S1 | | | FC | |
| NRV-101 | Check valve | 65 | 65-CS-004-S1 | | Supply pump check | | |
| NRV-102 | Check valve | 15 | 15-CD-002-S1 | | | | |
| PCV-101 | Pressure regulator | 25 | 25-LS-001-C1 | | | | |
| PSV-101 | Relief valve | 25 | 25-LS-002-C1 | | Heater relief | | 5 barg |
| SG-101 | Sight glass | 65 | 65-CR-001-S1 | | | | |
| ST-101 | Steam trap | 20 | 20-SC-001-C1 | | | | |
| STR-101 | Y-strainer | 65 | 65-CS-001-S1 | | | | |
| STR-102 | Y-strainer | 25 | 25-LS-001-C1 | | | | |
| SWB-101 | Swing bend panel | 65 | 65-CS-006-S1 | | Swing bend, circuit A or B | | |
| TCV-102 | Control valve | 25 | 25-LS-001-C1 | | | FC | |

## P&ID summary

| Section | Item | Size | Count |
|---|---|---|---|
| Equipment | Atmospheric tank | | 3 |
| Equipment | Centrifugal pump | | 2 |
| Equipment | Filter | | 1 |
| Equipment | IBC 1000 litre | | 1 |
| Equipment | Shell and tube heat exchanger | | 1 |
| Equipment | Total | | 8 |
| Lines | C1 | 20 | 1 |
| Lines | C1 | 25 | 2 |
| Lines | S1 | 15 | 2 |
| Lines | S1 | 50 | 5 |
| Lines | S1 | 65 | 5 |
| Lines | Total | | 15 |
| Valves and inline items | Ball valve | 50 | 1 |
| Valves and inline items | Butterfly valve | 50 | 4 |
| Valves and inline items | Butterfly valve | 65 | 4 |
| Valves and inline items | Check valve | 15 | 1 |
| Valves and inline items | Check valve | 65 | 1 |
| Valves and inline items | Control valve | 25 | 1 |
| Valves and inline items | Control valve | 50 | 1 |
| Valves and inline items | Diaphragm valve | 15 | 1 |
| Valves and inline items | Gate valve | 20 | 1 |
| Valves and inline items | Gate valve | 25 | 1 |
| Valves and inline items | Globe valve | 25 | 1 |
| Valves and inline items | Orifice plate | 65 | 1 |
| Valves and inline items | Plug valve | 20 | 1 |
| Valves and inline items | Pressure regulator | 25 | 1 |
| Valves and inline items | Relief valve | 25 | 1 |
| Valves and inline items | Sight glass | 65 | 1 |
| Valves and inline items | Steam trap | 20 | 1 |
| Valves and inline items | Swing bend panel | 65 | 1 |
| Valves and inline items | Y-strainer | 25 | 1 |
| Valves and inline items | Y-strainer | 65 | 1 |
| Valves and inline items | Total | | 26 |
| Instruments | Flow indicator | | 1 |
| Instruments | Flow transmitter | | 1 |
| Instruments | Level alarm low | | 1 |
| Instruments | Level indicator controller | | 1 |
| Instruments | Level switch low | | 1 |
| Instruments | Level transmitter | | 1 |
| Instruments | Pressure indicator | | 3 |
| Instruments | Pressure transmitter | | 1 |
| Instruments | Temperature element | | 1 |
| Instruments | Temperature indicator controller | | 1 |
| Instruments | Temperature relay | | 1 |
| Instruments | Temperature transmitter | | 1 |
| Instruments | Total | | 14 |
| I/O | AI | | 4 |
| I/O | AO | | 2 |
| I/O | DI | | 1 |
| I/O | Total | | 7 |
| Signal lines | Data | | 1 |
| Signal lines | Electric | | 6 |
| Signal lines | Pneumatic | | 1 |
| Signal lines | Total | | 8 |
| Off-page connectors | In | | 3 |
| Off-page connectors | Out | | 3 |
| Off-page connectors | Total | | 6 |

## Instrument index

| Tag | Function | Location | Line or nozzle | Description | Range |
|---|---|---|---|---|---|
| FI-103 | Flow indicator | DCS | - | CIP supply flow | 0-40 m3/h |
| FT-103 | Flow transmitter | Field | 65-CS-006-S1 | CIP supply flow | 0-40 m3/h |
| LAL-106 | Level alarm low | DCS | - | T-103 low level alarm | |
| LIC-101 | Level indicator controller | DCS | - | T-101 level control | |
| LSL-106 | Level switch low | Field | T-103 roof | T-103 low level | |
| LT-101 | Level transmitter | Field | T-101 roof | T-101 level | 0-3 m |
| PI-104 | Pressure indicator | DCS | - | | |
| PI-105 | Pressure indicator | Field | 65-CS-004-S1 | Supply pump discharge | 0-10 barg |
| PI-107 | Pressure indicator | Field | 25-LS-001-C1 | Steam after regulator | 0-10 barg |
| PT-104 | Pressure transmitter | Field | 65-CS-006-S1 | CIP supply pressure | 0-10 barg |
| TE-108 | Temperature element | Field | 50-CS-002-S1 | Caustic temperature | 0-100 C |
| TIC-102 | Temperature indicator controller | DCS | - | CIP supply temperature control | |
| TT-102 | Temperature transmitter | Field | 65-CS-005-S1 | CIP supply temperature | 0-120 C |
| TY-102 | Temperature relay | Field | - | | |

## Equipment list

| Tag | Type | Description | Duty | Material |
|---|---|---|---|---|
| E-101 | Shell and tube heat exchanger | CIP heater | 350 kW, 20 to 80 C | 316L tubes |
| F-101 | Filter | CIP supply filter | 250 micron basket | 316L |
| P-101 | Centrifugal pump | CIP supply | 35 m3/h at 4.5 bar | 316L |
| P-102 | Centrifugal pump | Dosing | 60 l/h at 3 bar | PVDF |
| T-101 | Atmospheric tank | Rinse water | 5 m3 working volume | 316L |
| T-102 | Atmospheric tank | Caustic 2% | 5 m3 working volume | 316L |
| T-103 | Atmospheric tank | Acid 1% | 3 m3 working volume | 316L |
| T-104 | IBC 1000 litre | NaOH 47% | 1 m3 IBC | HDPE |

## I/O list

| Tag | I/O | Set by | Loop | Location | Description | Range |
|---|---|---|---|---|---|---|
| FT-103 | AI | letters | 103 | Field | CIP supply flow | 0-40 m3/h |
| LT-101 | AI | letters | 101 | Field | T-101 level | 0-3 m |
| PT-104 | AI | letters | 104 | Field | CIP supply pressure | 0-10 barg |
| TT-102 | AI | user | 102 | Field | CIP supply temperature | 0-120 C |
| LCV-101 | AO | signal | 101 | Field | | |
| TCV-102 | AO | signal | 102 | Field | | |
| LSL-106 | DI | user | 106 | Field | T-103 low level | |

## Loop list

| Loop | Instruments | Final elements | Lines |
|---|---|---|---|
| 101 | LIC-101 LT-101 | LCV-101 | 50-TW-001-S1 |
| 102 | TIC-102 TT-102 TY-102 | TCV-102 | 25-LS-001-C1 65-CS-005-S1 |
| 103 | FI-103 FT-103 | | 65-CS-006-S1 |
| 104 | PI-104 PT-104 | | 65-CS-006-S1 |
| 105 | PI-105 | | 65-CS-004-S1 |
| 106 | LAL-106 LSL-106 | | |
| 107 | PI-107 | | 25-LS-001-C1 |
| 108 | TE-108 | | 50-CS-002-S1 |

## CHECKS, LIST ROUND TRIP AND EXCHANGE

| Step | What the command line said |
|---|---|
| PIDCHECK (first) | Flow against a nozzle: 15-CD-002-S1 flows into P-102 discharge |
| PIDPROPS Flow | Reverse on 15-CD-002-S1 (drawn from the tank to the pump on purpose) |
| PIDCHECK (after) | no problems found. |
| PIDDATA Import Lines | 18 changes; 2 notes (a row the drawing lacks, a From cell) |
| PIDDATA Import Valves | 21 changes |
| PIDDATA Import Instr. | 13 changes |
| PIDDATA Import Equip. | 3 changes |
| Compare rev A to B | Lines 0 added, 0 removed, 15 changed; valves 0 added, 0 removed, 11 changed |
| | Instruments 0 added, 0 removed, 7 changed; equipment 0 added, 0 removed, 2 changed; I/O 0 added, 1 removed, 2 changed |
| PIDSHEETS Check (1) | No partner on the other sheet: In W1 from STR-PID-002: STR-PID-002 has no Out W1 |
| PIDSHEETS Check (2) | After PIDPROPS To STR-PID-003 on W1: the connectors agree with -002 and -003 |
| PIDFIND *-CS-* | 6 found and selected |
| PIDDEXPI Export | DEXPI 2.0.1. 111 values and 1 equipment items of your own kinds that DEXPI 2.0.1 has no place for were written in the |
| | Stratal extension |
| PIDDEXPI Import | 8 equipment, 15 lines, 26 valves, 14 instruments, 6 connectors and 8 signal lines |

## THE THREE DRAWINGS (PIDSHEETS LISTS, CSV)

| Drawing | Lines | Equipment | Valves | Instruments | Connectors | I/O |
|---|---|---|---|---|---|---|
| STR-PID-001 | 15 | 8 | 26 | 14 | 6 | 7 |
| STR-PID-002 | 8 | 3 | 13 | 9 | 4 | 5 |
| STR-PID-003 | 16 | 10 | 23 | 12 | 8 | 6 |
| Total | 39 | 21 | 62 | 35 | 18 | 18 |

Connectors of STR-PID-001 checked against -002 and -003 with PIDSHEETS Check.

## NOTES

1. Every list here is placed by PIDLISTS Place and redraws itself when P&ID items are placed, edited, moved or renumbered. Lists of STR-PID-001; the lists over all three drawings are CSV (PIDSHEETS Lists).
2. Revision B: lengths, design data, valve positions and descriptions, ranges and duties were typed in a spreadsheet and read back with PIDDATA Import, one undo step per list.
3. Length is the pipe length typed; Drawn length (mm) is the length on the not-to-scale diagram.
4. I/O by Stratal's own convention (T gives AI, S DI, a control valve with a signal AO), or set by hand.

Stratal CAD

cad.stratal.co.uk

TITLE
CIP SET CIP-1: LINE, VALVE AND EQUIPMENT LISTS, INSTRUMENT INDEX, I/O, LOOPS AND CHECKS

| PROJECT | DRAWN | | |
|---|---|---|---|
| Ashcombe Creamery CIP-1 (fictional) | Stratal CAD demo | | |
| DRAWING NO. | SHEET | SCALE | SIZE |
| STR-PID-004 | 4 of 4 | NTS | A1 |
| SOFTWARE | DATE | | |
| Stratal CAD 0.1.8, P&ID 0.7.0 | 12 Nov 2026 | | |

STATUS
DEMONSTRATION DRAWING - NOT FOR MANUFACTURE