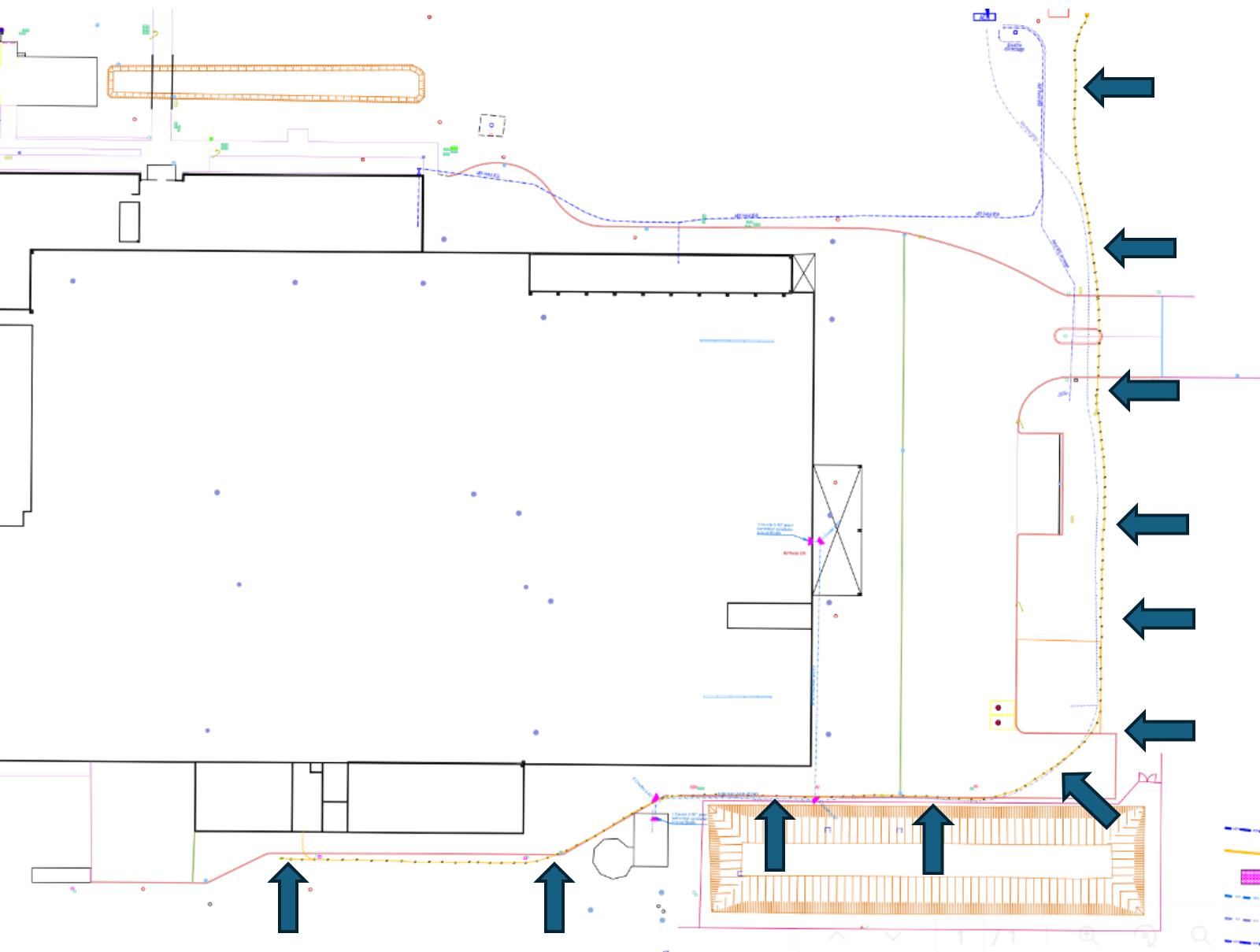


Réseaux gaz

Réseau Gaz Naturel usine



| Revisions | | | | | |
|-----------|------------|-------------|------|-------|--|
| IND | DATE | DESCRIPTION | DESS | VERIF | |
| A | 24/03/2024 | Récolement | AM | OG | |

Projet

GigaFactory Belfort
Avenue de la grande piste, 90150 Fontaine/Foussemagne

Maitrise d'Ouvrage

McPhy Driving clean energy forward

GSE

Conception / Construction d'Immobilier d'Entreprise
GSE - Parc d'Activités de l'Aéroport
310 Allée de la Chartreuse BP 51 - 84000 AVIGNON Cedex 1

1115, route de Saint Thomas - 26190 LA MOTTE FANJAS

D.P Christophe Deverre
LP David Bourdalin

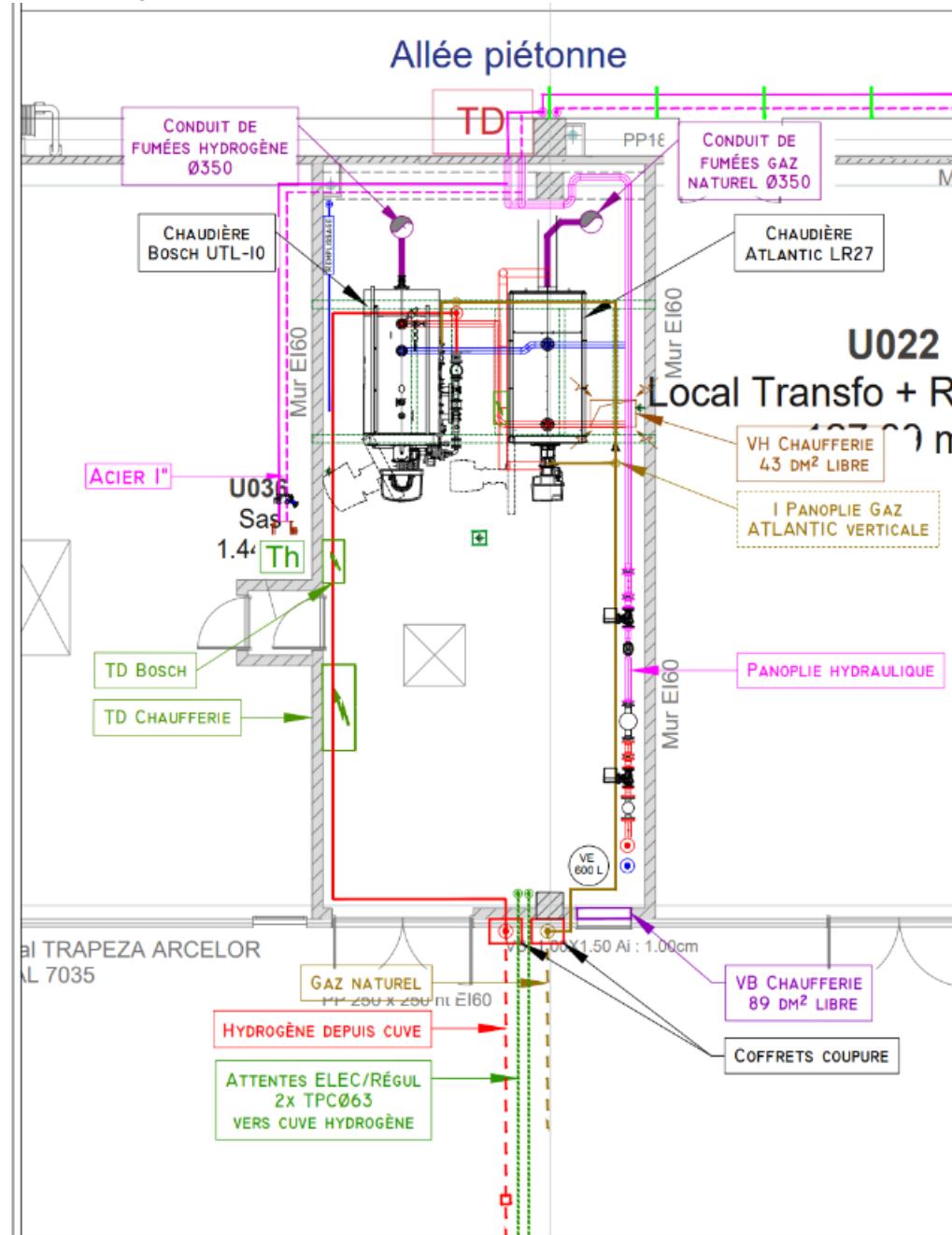
Echelle : 1/500

PLAN RESEAUX HUMIDES

| Numéro Affaire | Phase | Emetteur | Zone | Lot | Type | Série | Plan N° | Ind. |
|----------------|-------|----------|------|-----|------|-------|---------|------|
| 15973 | DOE | GSE | VRD | 303 | PL | 001 | 7 | A |

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Réseau Gaz Naturel et H₂ depuis les chaudières



| LEGENDE | |
|---------|------------------------------|
| SYBOLLE | REFERENCE |
| ----- | RESEAU EAU CHAUFFAGE ACIER |
| — | RESEAU PRIMAIRE CHAUFFAGE |
| — | HYDROGENE 320 mbar |
| — | GAZ NATUREL 300 mbar |
| - - - | HYDROGENE ENTERRE 320 mbar |
| - - - | GAZ NATUREL ENTERRE 300 mbar |
| [S] | SIPHON DE SOL |

MC PHY - GIGAFACTORY
AVENUE DE LA GRANDE PISTE
90150 FONTAINE/FOUSSEMAGNE



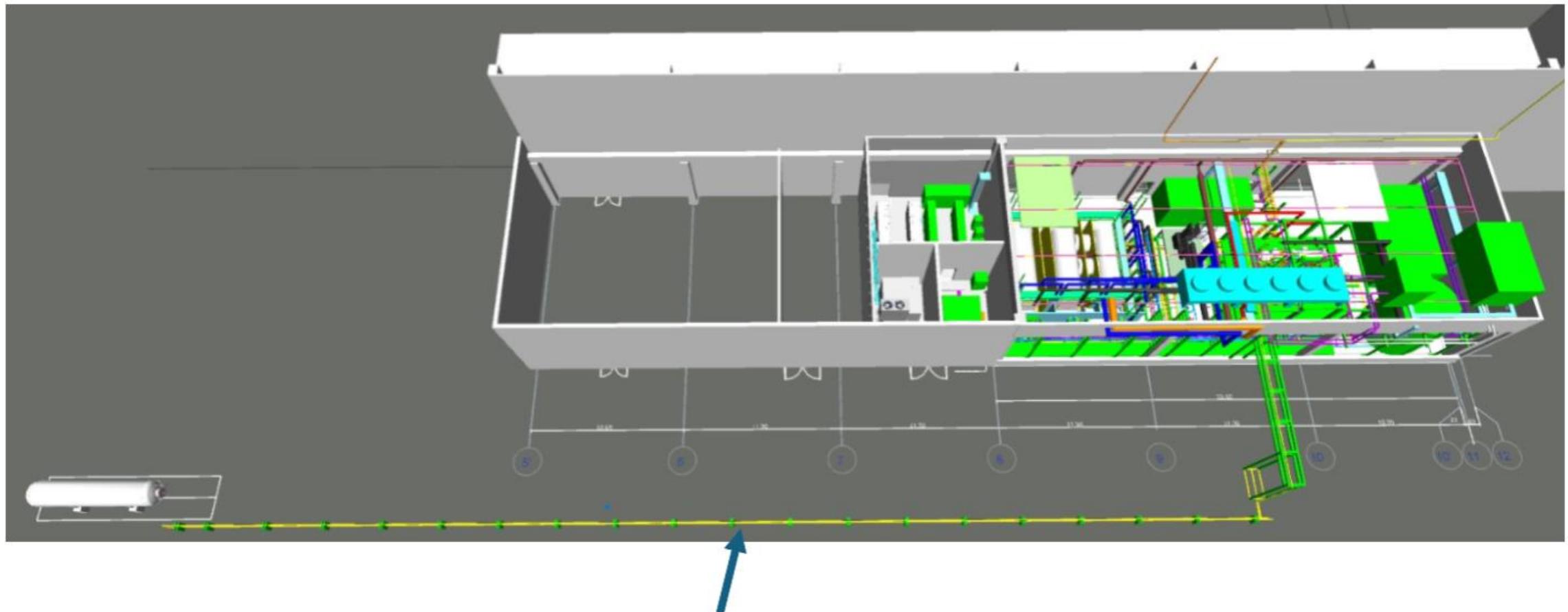
| | | |
|---|--|---|
| BUREAU DE CONTROLE | OPC | SPS |
| ALPES CONTROLES | OPTIMUM | YSEIS |
| 2, rue Jean Michel Heussenne 68000 COLMAR | 56, rue du Forestier 68420 HERRlisheim | 1, allée du Si Cloud 54600 VILLIERS LES NANCY |

| | |
|-----|-------------------------|
| LOT | CHAUFFAGE - VENTILATION |
|-----|-------------------------|

| DOE | PLAN | IMPLANTATION CHAUFFERIE |
|------------|---------------------------|-------------------------|
| 07.06.2023 | N°MERO CV - CHAUFF Ind' 6 | ECHELLE 1/50ÈME |
| M.RATZMANN | CONTROLE M.RATZMANN | N° AFFAIRE 230406 |

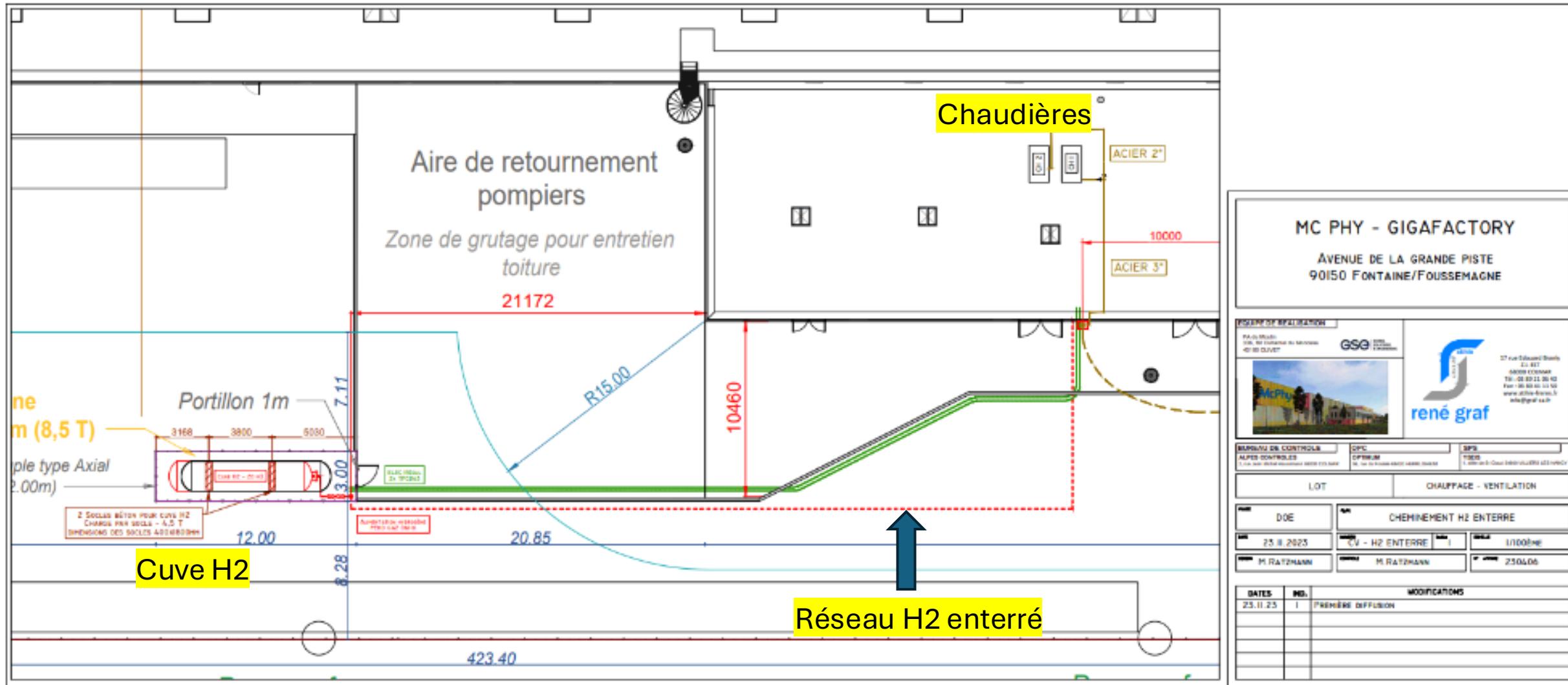
| DATES | IND. | MODIFICATIONS |
|----------|------|--|
| 07.06.23 | 1 | PREMIÈRE DIFFUSION |
| 12.06.23 | 2 | MODIFICATION COFFRET COUPURE HYDROGÈNE |
| 05.07.23 | 3 | MISE À JOUR VH-VB ET CONDUIT DE FUMÉES HYDROGÈNE |
| 31.10.23 | 4 | MISE À JOUR IMPLANTATION DES CHAUDIÈRES ET DISTRIBUTION |
| 17.II.23 | 5 | MODIFICATION PRINCIPE DE SUPPORTAGE HORS REPRISE PLAFOND |
| II.12.23 | 6 | MISE À JOUR ALIMENTATION GAZ ET HYDROGÈNE |

Réseau H2 entre zone de test (XL Pilot) et cuve stockage H2 en extérieur

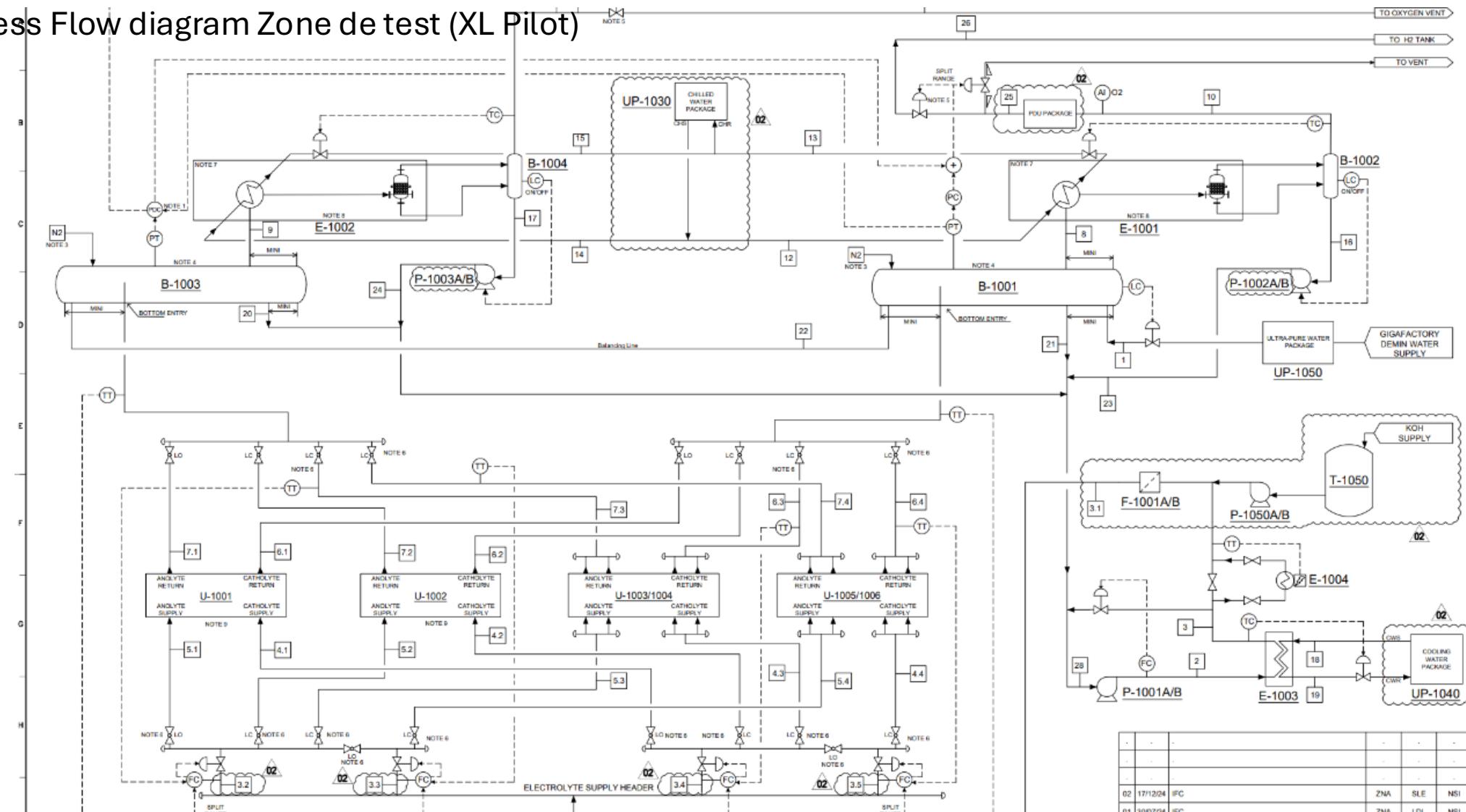


Flux H2 entre zone de test XL Pilot et la cuve de stockage H2

Réseau H2 entre cuve stockage H2 en extérieur et local chaudière



Process Flow diagram Zone de test (XL Pilot)



| EQUIPMENT | | | | | |
|-------------|--------------------------------------|-------------|--------------------------|------------|------------------------|
| TAG NUMBER | DESCRIPTION | TAG NUMBER | DESCRIPTION | TAG NUMBER | DESCRIPTION |
| P-1001A/B | ELECTROLYTE CIRCULATION PUMPS | B-1001 | HYDROGEN SEPARATOR | E-1004 | KOH HEATER |
| E-1003 | ELECTROLYTE COOLER | E-1001 | HYDROGEN COOLER | UP-1030 | CHILLED MEDIUM PACKAGE |
| P-1001A/B | ELECTROLYTE FILTER | B-1003 | OXYGEN SEPARATOR | UP-1040 | CLOUD MEDIUM PACKAGE |
| I-1001 | 1kMW STANDARD CELL STACK | I-1002 | OXYGEN COOLER | UP-1050 | DEMINERALIZATION UNIT |
| U-1001 | 1kMW PROTOTYPE CELL STACK | I-1002/1004 | H2 & O2 CONDENSATE DRUMS | T-1050 | KOH TANK |
| U-1003/1004 | 2kMW STANDARD CELL STACKS CLUSTER A | P-1002A/B | H2 CONDENSATE PUMPS | P-1050A/B | CONDENSATE PUMPS |
| U-1005/1006 | 2x1MW STANDARD CELL STACKS CLUSTER B | P-1003A/B | H2 CONDENSATE PUMPS | P-1003A/B | CONDENSATE PUMPS |

NOTES:

1. PRESSURE DIFFERENTIAL BETWEEN SEPARATORS TO BE ADJUSTED BY POC.
2. DELETED
3. NITROGEN CONNECTION FOR PURGE IN CASE OF MAINTENANCE OR FULL DEPRESSURIZATION.
4. ELEVATION OF SEPARATORS MUST BE HIGHER THAN THAT OF STACKS.
5. PRESSURE DROP IN PPU OUTLET CONTROL VALVE IS ASSUMED TO BE 0.3-0.5 BAR.
6. THE INTERLOCK VALVES ALLOW SWITCHING BETWEEN THE 3 CONFIGURATIONS (4x1MW STANDARD STACKS, 1x4MW PROTOTYPE, 1x4MW STANDARD) WHILE ENSURING THAT ONLY ONE CONFIGURATION CAN BE ACTIVE AT A TIME. THE CONFIGURATION DIAGRAM SHOWS HOW THE U1001 WORKS.

| | | | | |
|----|----------|-----|-----|---------|
| - | - | - | - | - |
| - | - | - | - | - |
| 02 | 17/12/24 | IFC | ZNA | SLE NSI |
| 01 | 30/07/24 | IFC | ZNA | LDL NSI |

00 12/07/24 ISSUED FOR REVIEW ZNA LDL NSI

| REV | DATE | DESCRIPTION | EDITED | CHECKED | APPROVED |
|--------|--|-------------|--------|---------|----------|
| McPhy | McPhy Energy S.A. Campos 1610, Avda de la Granja Physis 020-11120, Santiago, Chile Tel: +562-21321100 | | | | |
| SEGULA | SEGULA TECHNOLOGIES Innovating for tomorrow Na. 21500, Sector 70, 70100 Mexico City, D.F. | | | | |

XL PILOT

PROCESS FLOW DIAGRAM

| SCALE: NONE | SIZE: A1 | DOCUMENT N°: MO472-01-PRO-PFD-001 | Sheet: REV |
|------------------------|----------|-----------------------------------|------------|
| DE-RE2303-PFB-PFD-1001 | 1/3 | 02 | |