

Dossier CMP Arles : 783

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Client / Customer : AIR LIQUIDE AGS GmbH




Engineered System N° :

# 1 RESERVOIR DE STOCKAGE LOX 1800MT

## 1 x 1800MT LOX STORAGE TANK

### ITEM B 62001

**TUBULURE L1 (DN10)**  
**NOZZLE L1**  
**GAS PRESSURE PIPE**

|                       |                          |          |                          |   |                            |             |  |                            |             |   |                            |
|-----------------------|--------------------------|----------|--------------------------|---|----------------------------|-------------|--|----------------------------|-------------|---|----------------------------|
| 2                     |                          | 02/06/05 | HONNONS                  |  | 02/06/05                   | HULIN       |  | 02/06/05                   | LEBOUCQ     |  |                            |
| 1                     |                          | 24/01/05 | NANTIER                  |   | 24/01/05                   | HULIN       |  | 24/01/05                   | LEBOUCQ     |   |                            |
| EDITION<br>EDITION N° | REFERENCE<br>CLIENT REF. | DATE     | NOM<br>NAME              | SIGN.   | DATE                       | NOM<br>NAME | SIGN.  | DATE                       | NOM<br>NAME | SIGN.   | ETAT<br>D'AVANC.<br>STATUS |
|                       |                          |          | REDACTEUR<br>DRAWN UP BY |   | VERIFICATEUR<br>CHECKED BY |             |  | APPROBATEUR<br>APPROVED BY |             |   |                            |

Projet : **ASU No.9 KOSICE**  
ProjectClassement CMP Arles : **783-19.L1**  
CMP Arles document N°

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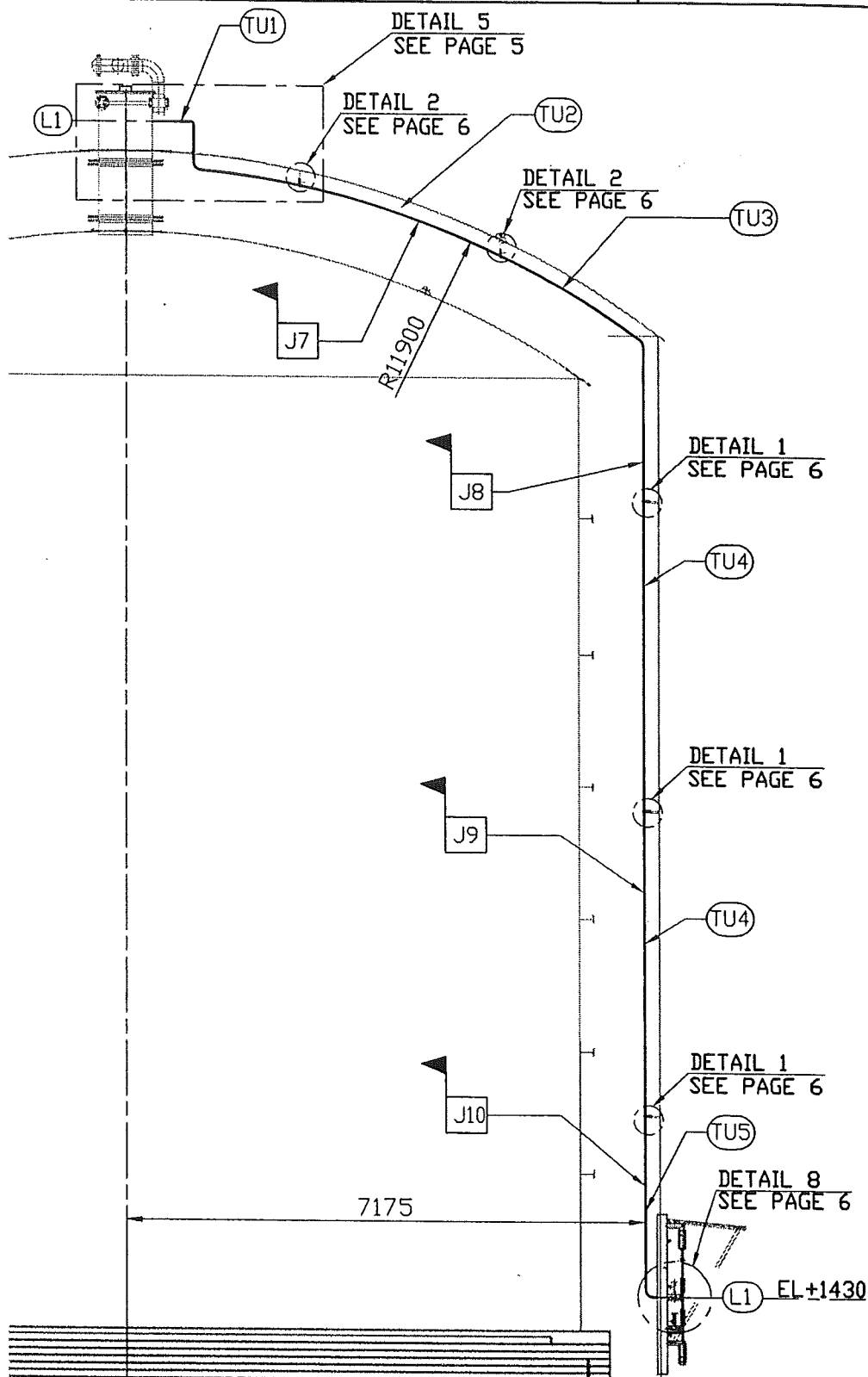
**Client / Customer : AIR LIQUIDE AGS GmbH**

Engineered System N° :

Rev 0

**Plan N° : 783-19.L1****GAS PRESSURE PIPE  
ELEVATION**Echelle/Scale  
1/90

BENDING RADIUS:100



Welded joints:

J7 to J10 see WPS on page 8

For partlist see page 9

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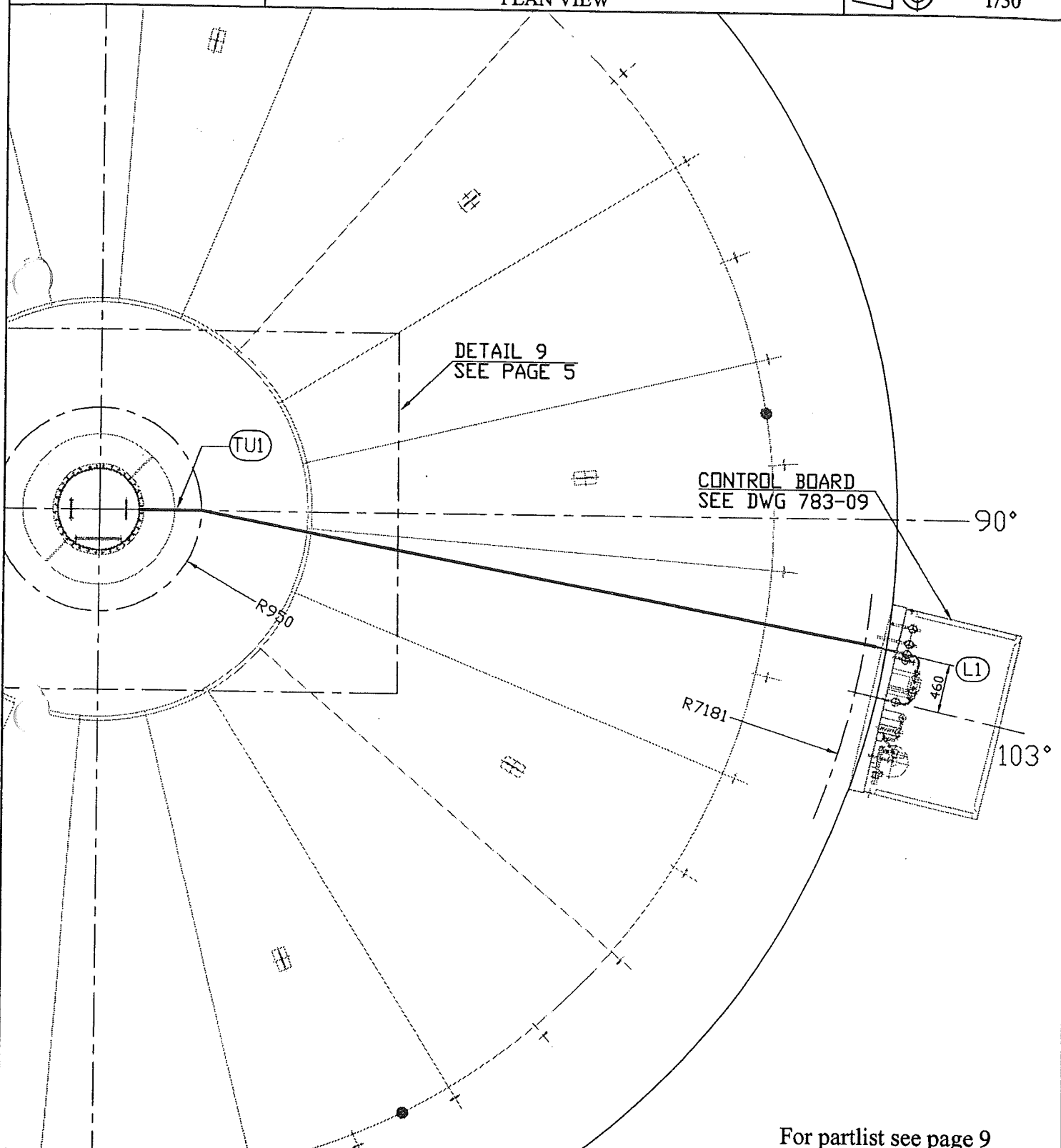
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**Client / Customer : AIR LIQUIDE AGS GmbH**

Engineered System N° :

Rev 0

**Plan N° : 783-19.L1****GAS PRESSURE PIPE**  
PLAN VIEWEchelle/Scale  
1/50

For partlist see page 9

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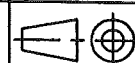
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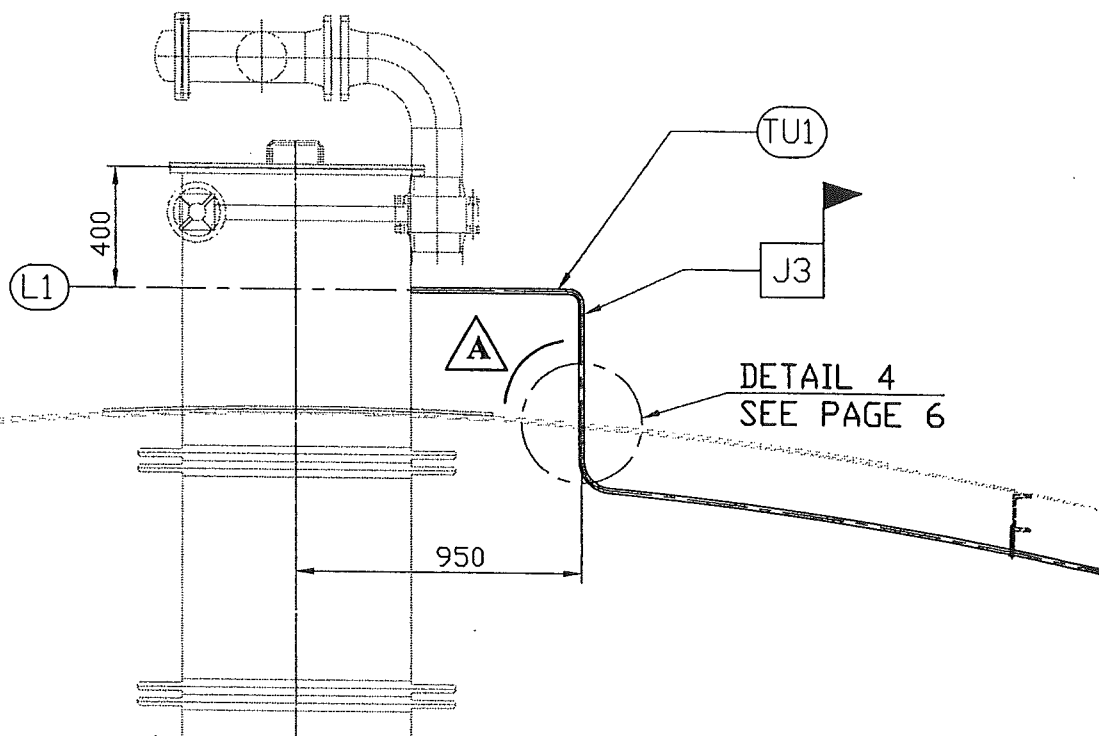
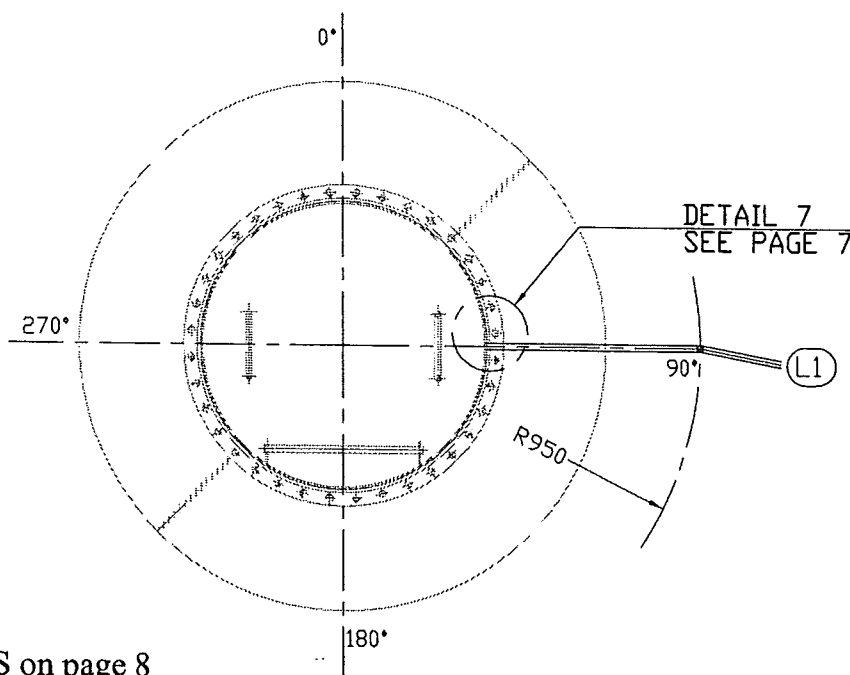
Rev A

**Plan N° : 783-19.L1****GAS PRESSURE PIPE**

DETAILS 5-9



Echelle/Scale

**DETAIL 5****DETAIL 9**

Welded joint J3 see WPS on page 8  
For partlist see page 9

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Engineered System N° :

Plan N° : 783-19.L1

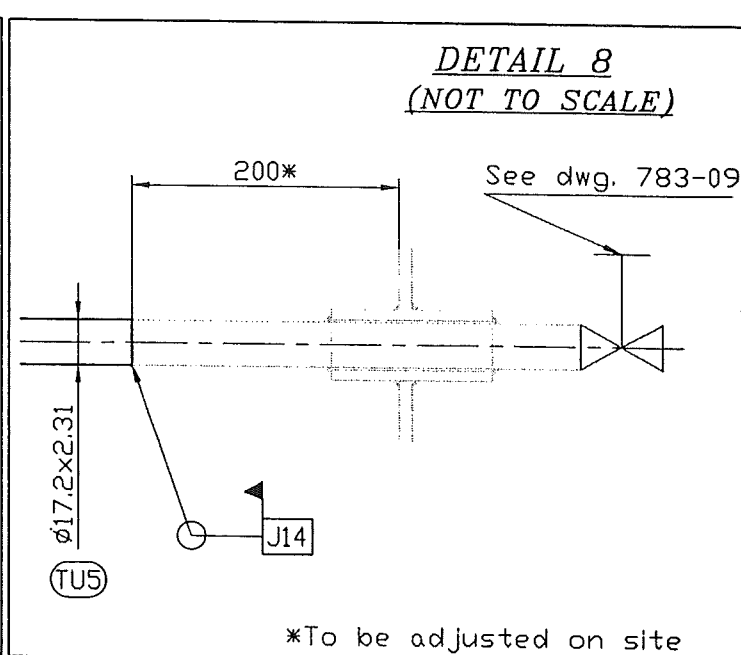
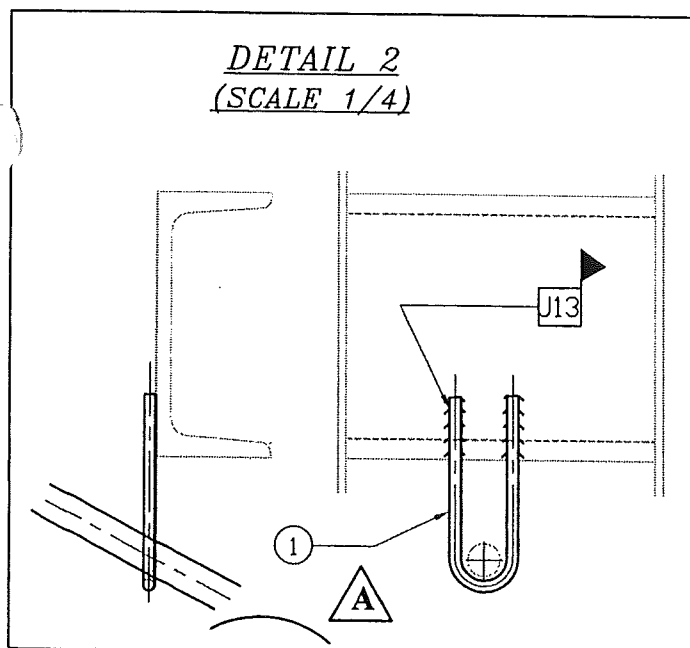
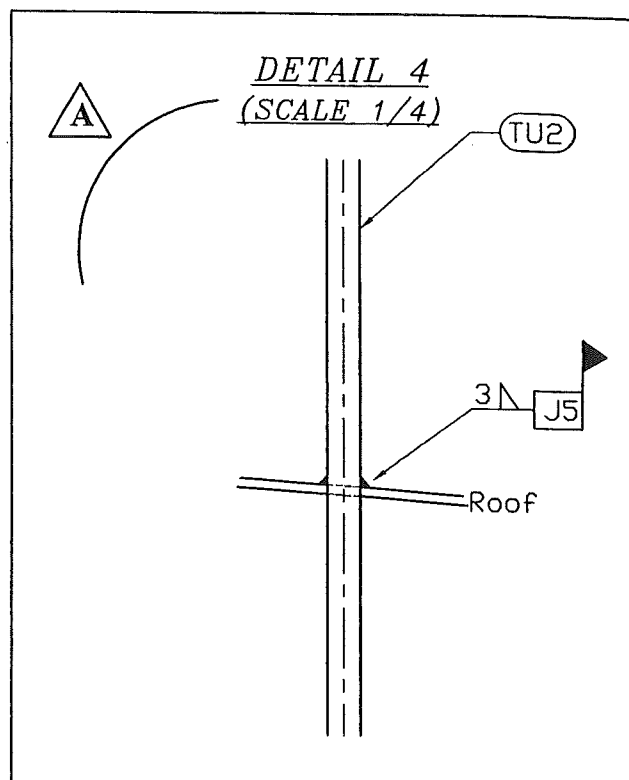
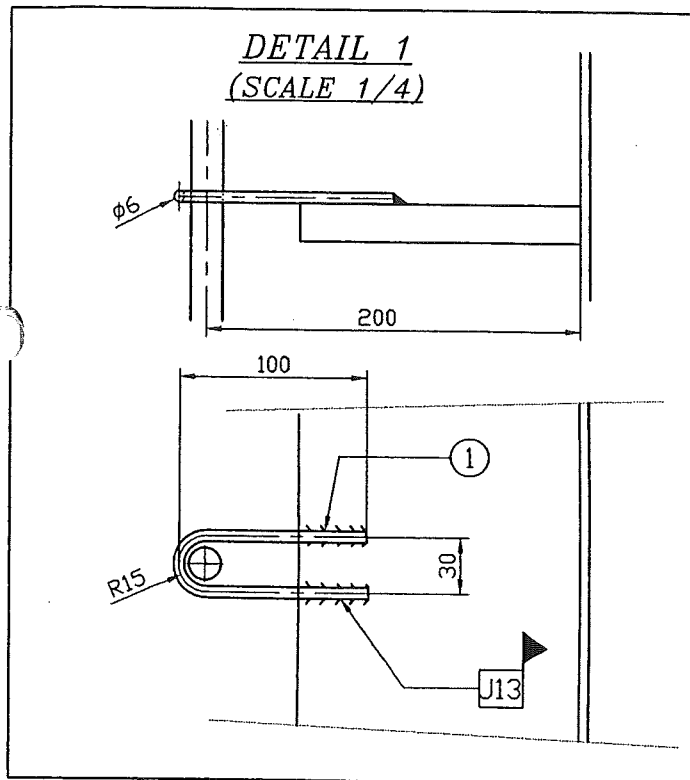
GAS PRESSURE PIPE

DETAILS 1-2-4-8

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Rev A

Echelle/Scale



Welded joints J5 - J13 - J14 see WPS on page 8

For partlist see page 9

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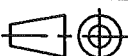
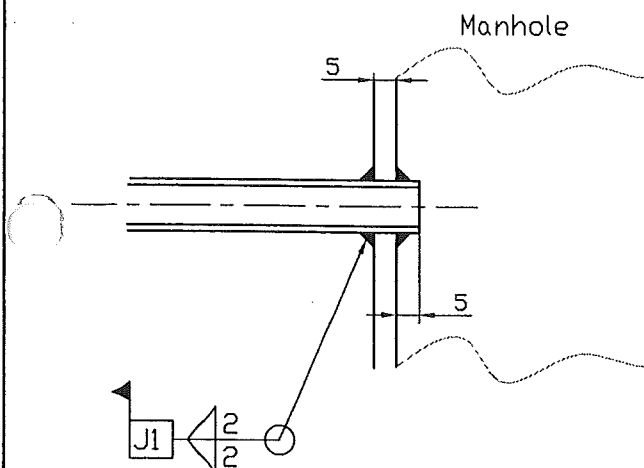
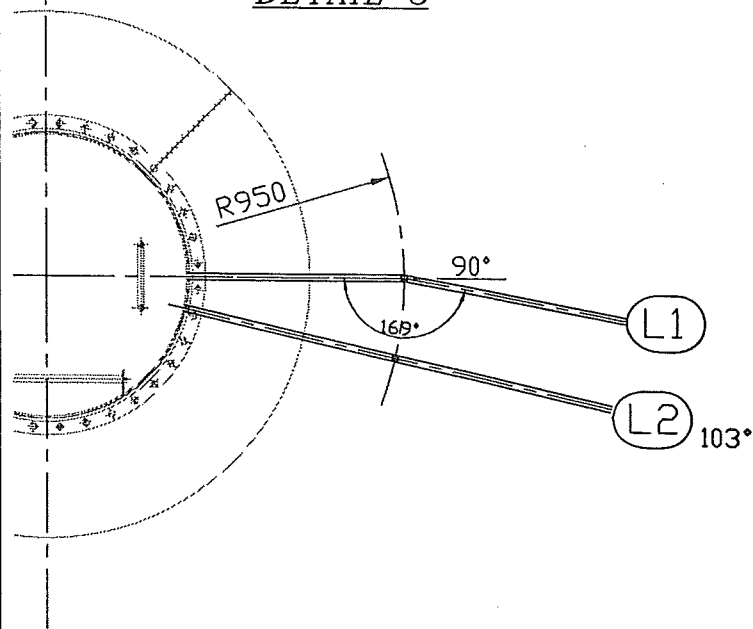
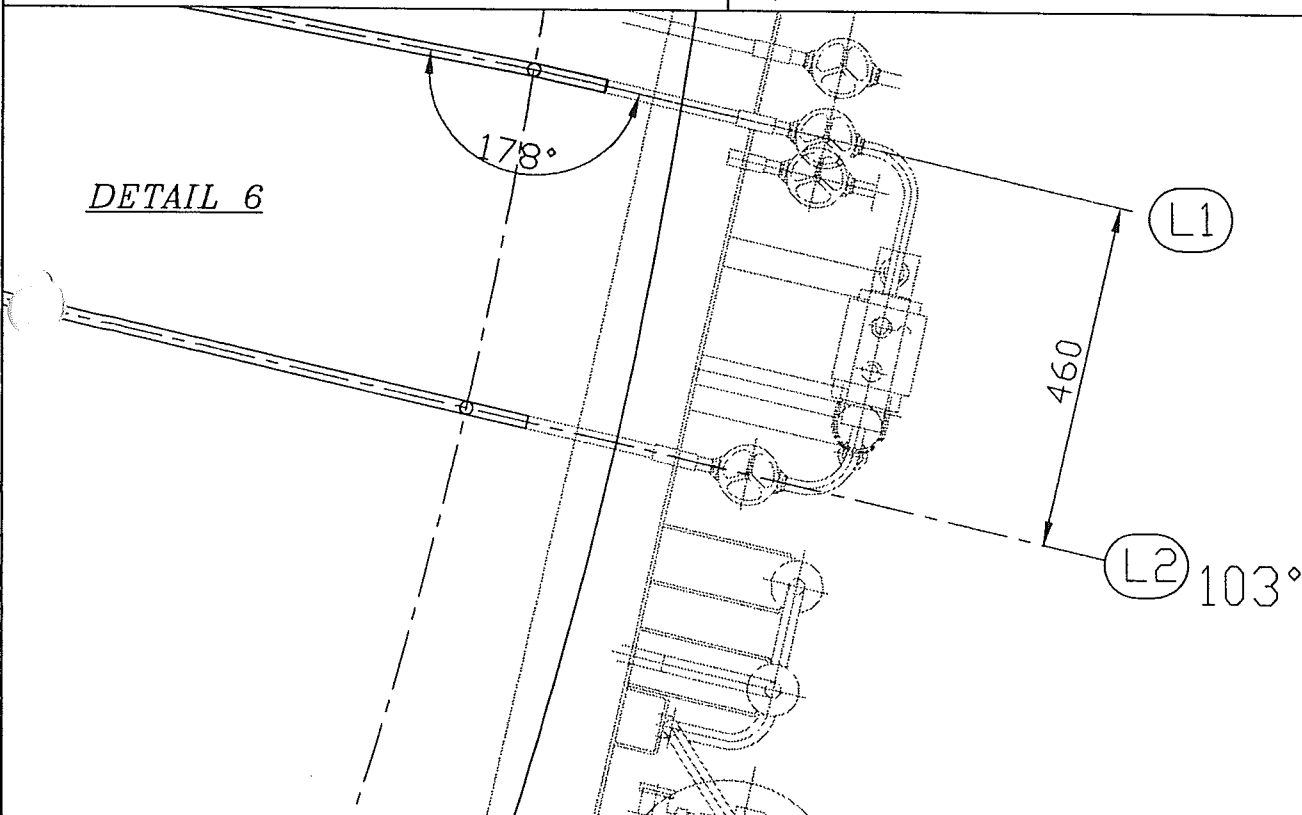
Engineered System N° :

Rev 0

Plan N° : 783-19.L1

GAS PRESSURE PIPE

DETAILS 1-2-4

 Echelle/ScaleDETAIL 7  
(NOT TO SCALE)DETAIL 3DETAIL 6

Welded joints J1 see WPS on page 8

For partlist see page 9

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Echelle/Scale

2)  = SITE WELDING

(4) see list on 783-CS1

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**Client / Customer : AIR LIQUIDE AGS GmbH**      *Engineered System N° :*

Rev A

**Plan N° : 783-19.L1**

**NOMENCLATURE/LISTE DE COLISAGE**  
**PART LIST/PACKING LIST**

Echelle/Scale

|      |     | TUBULURE L1 (nozzle L1)   |                 |          |                |          |
|------|-----|---|-----------------|----------|----------------|----------|
|      |     | PIECES LIVREES NON ASSEMBLEES<br>ITEMS DELIVERED IN SEPARATES PARTS |                 |          |                |          |
| TU1  | 1   | TUBE Ø17,2x2,3 (bending pipe 3/8" sch 40S ) S.S. Lg: 1100 (1)       | A312 TP304L     | 3.1b     | 1              |          |
| TU2  | 1   | TUBE Ø17,2x2,3 (bending pipe 3/8" sch 40S ) S.S. Lg: 4000 (1)       | A312 TP304L     | 3.1b     | 4              |          |
| TU3  | 1   | TUBE Ø17,2x2,3 (bending pipe 3/8" sch 40S ) S.S. Lg: 3700 (1)       | A312 TP304L     | 3.1b     | 2              |          |
| N4   | 2   | TUBE Ø17,2x2,3 (pipe 3/8" sch 40S ) SEAMLESS Lg: 6000               | A312 TP304L     | 3.1b     | 10             |          |
| J5   | 1   | TUBE Ø17,2x2,3 (bending pipe 3/8" sch 40S ) S.S. Lg: 2200 (2)       | A312 TP304L     | 3.1b     | 2.5            |          |
| 1    | 5   | ROND Ø6 (rod)   | A479 304/304L   | /        | 1              |          |
|      |     |   | A               |          |                |          |
|      |     |   |                 |          |                |          |
|      |     |   |                 |          |                |          |
|      |     |   |                 |          |                |          |
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|      |     |   |                 |          |                |          |
|      |     |   |                 |          |                |          |
|      |     |   |                 |          |                |          |
|      |     |   |                 |          |                |          |
|      |     | (1) including overlength of 200 mini                                |                 |          | 21             |          |
|      |     | (2) including overlength of 200 mini at each end                    | * or equivalent |          |                |          |
| REP. | Qty | DENIGNATION   | NORME/NOMANCE   | EN 10204 | POIDS NET / kg | CERTIF   |
| ITM  | Qnt | DENIGNATION   | NORM/MATERIAL   | CERTIF   | NET WEIGHT     | MAT. ST. |

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