

Dossier CMP Arles : 783

Page/Sheet 1/13

Client / Customer : AIR LIQUIDE AGS GmbH

Engineered System N° :




1 RESERVOIR DE STOCKAGE LOX 1800MT

1 X 1800MT LOX STORAGE TANK

ITEM D 62001

ESCALIER INFERIEUR & PLATEFORME

LOWER STAIR & PLATFORM

1		07/01/05	NANTIER		07/01/05	HULIN		07/01/05	LEBOUCQ		
EDITION EDITION N°	REFERENCE CLIENT REF.	DATE	NOM NAME	SIGN.	DATE	NOM NAME	SIGN.	DATE	NOM NAME	SIGN.	ETAT D'AVANC. STATUS
			REDACTEUR DRAWN UP BY		VERIFICATEUR CHECKED BY			APPROBATEUR APPROVED BY			

Projet : **ASU No.9 KOSICE**
ProjectClassement CMP Arles :
CMP Arles document N°**783-20**

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Client / Customer : AIR LIQUIDE AGS GmbH

Plan N° : 783-20

INDICE DE REVISION: 0 / / / / / / /

revision number

Page	DESIGNATION <i>description</i>	INDICE DE REVISION								
		<i>revision number</i>								
		0	A	B	C	D	E	F	G	H
1	Front page	1								
2	List of current revisions / subject of modifications	1								
3	Inferieur stair: orientation & step detail	1								
4	Inferieur stair: A-A view & elevation	1								
5	Platform: plan view & orientation	1								
6	Platform: A view	1								
7	Platform: B & C view	1								
8	Platform: grating mesh support & grating mesh	1								
9	Details 1 to 4	1								
10	F view and detail 5	1								
11	WPS table & notes	1								
12	Part list / packing list	1								
13	Part list / packing list	1								

OBJET DES MODIFICATIONS*Subject of modifications*

INDICE DE L'EDITION <i>Edition N°</i>	OBJET DE LA MODIFICATION <i>Subject of the modification</i>
1	Première diffusion / <i>First issue</i>

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13, Avenue de Coucy

02200 SOISSONS

☎: 03.23.93.60.69 - Téléfax:03.23.93.60.78

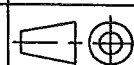
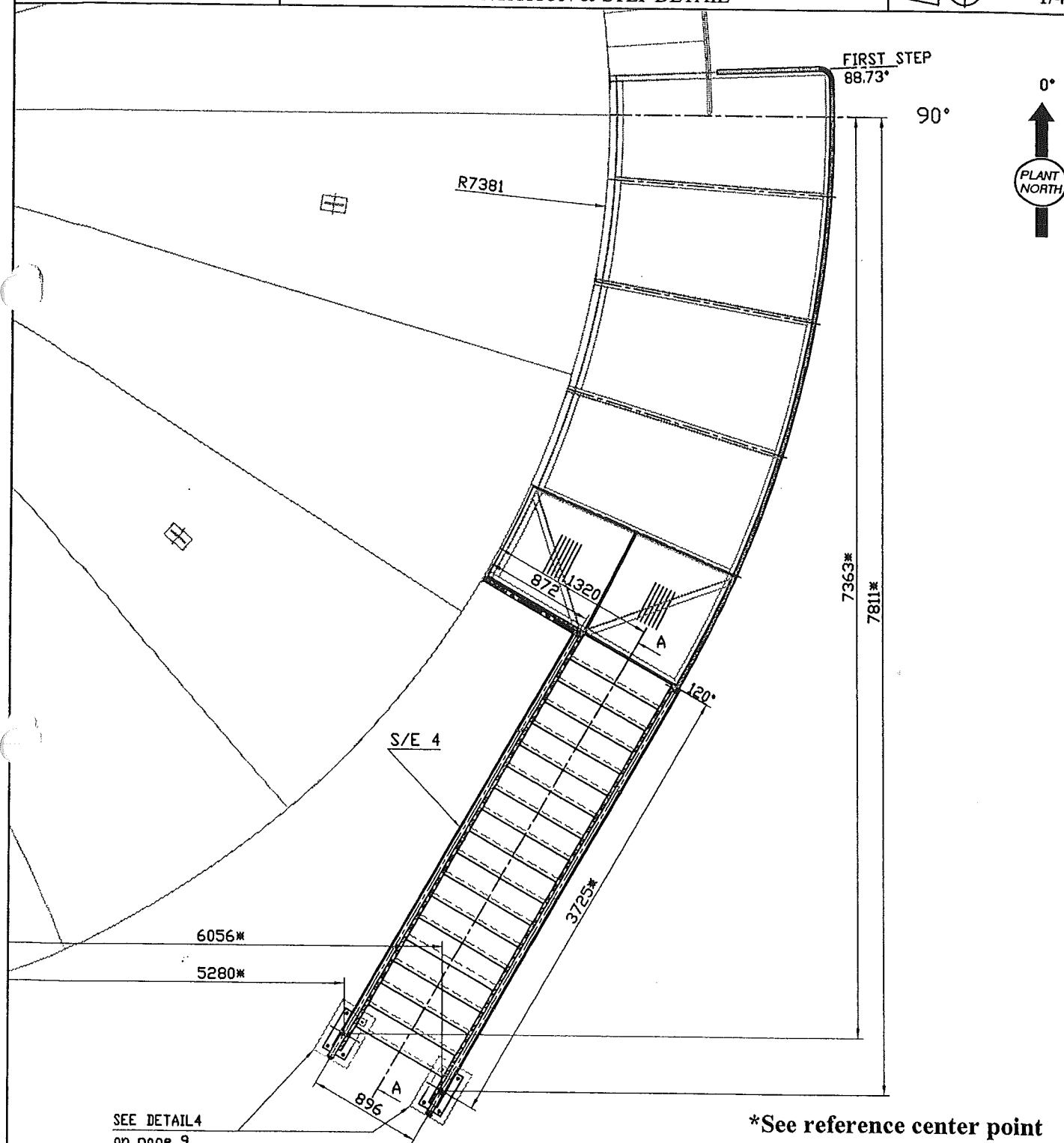
Mail: cryo.soissons@cmaparles.com

Dossier CMP Arles : 783

Client / Customer : AIR LIQUIDE AGS GmbH

Engineered System N° :

Plan N° : 783-20

INFÉRIEUR STAIR
ORIENTATION & STEP DETAILPage/Sheet 3/13
Rev 0Echelle/Scale
1/45

*See reference center point
on page 9 detail 4
For partlists see pages 12 & 13

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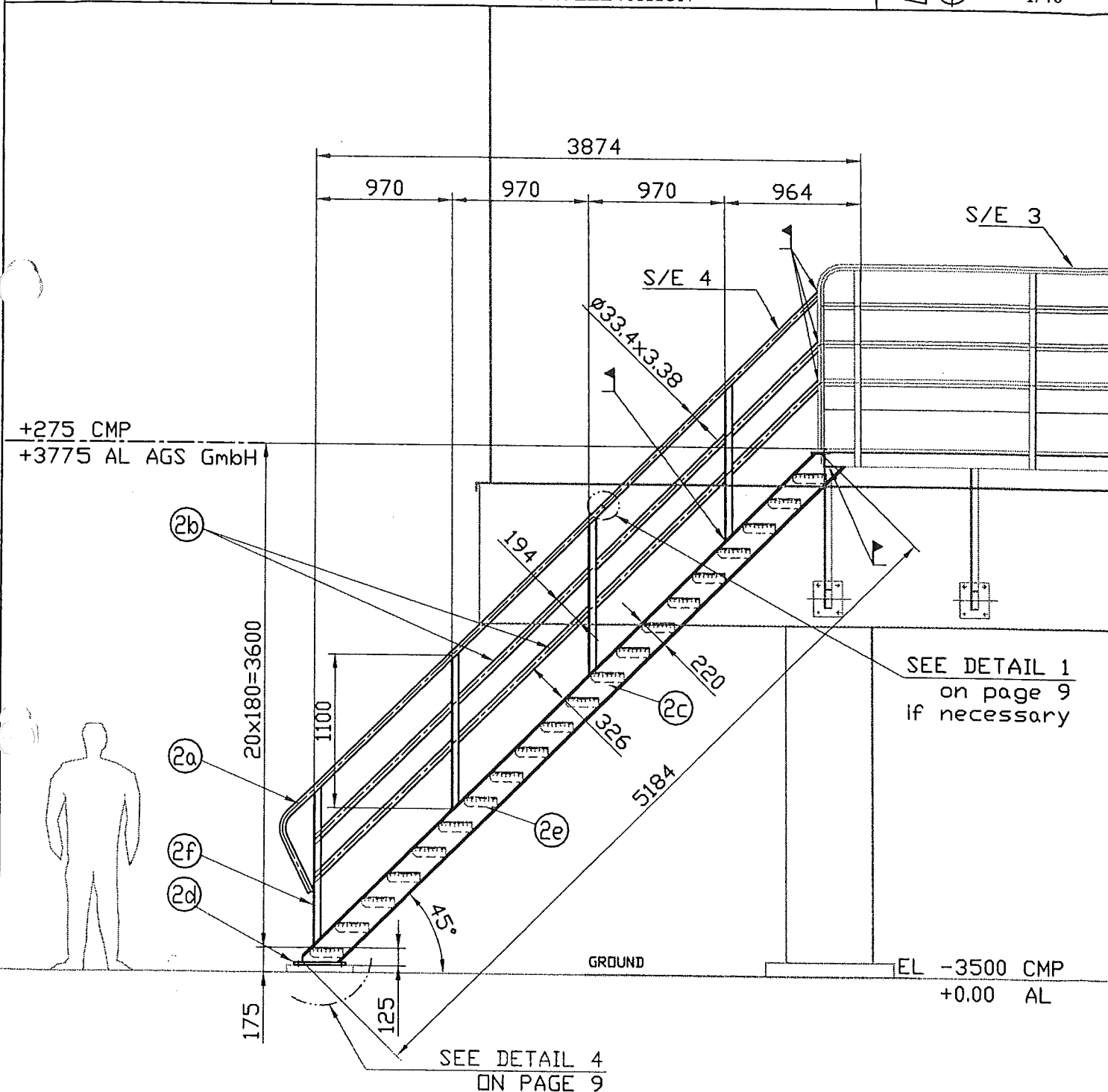
Engineered System N° :

Rev 0

Plan N° : 783-20

LOWER STAIR
A-A VIEW & ELEVATION

Echelle/Scale
1/40



Welded joints see WPS page 11

For partlists see pages 12 & 13

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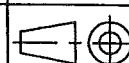
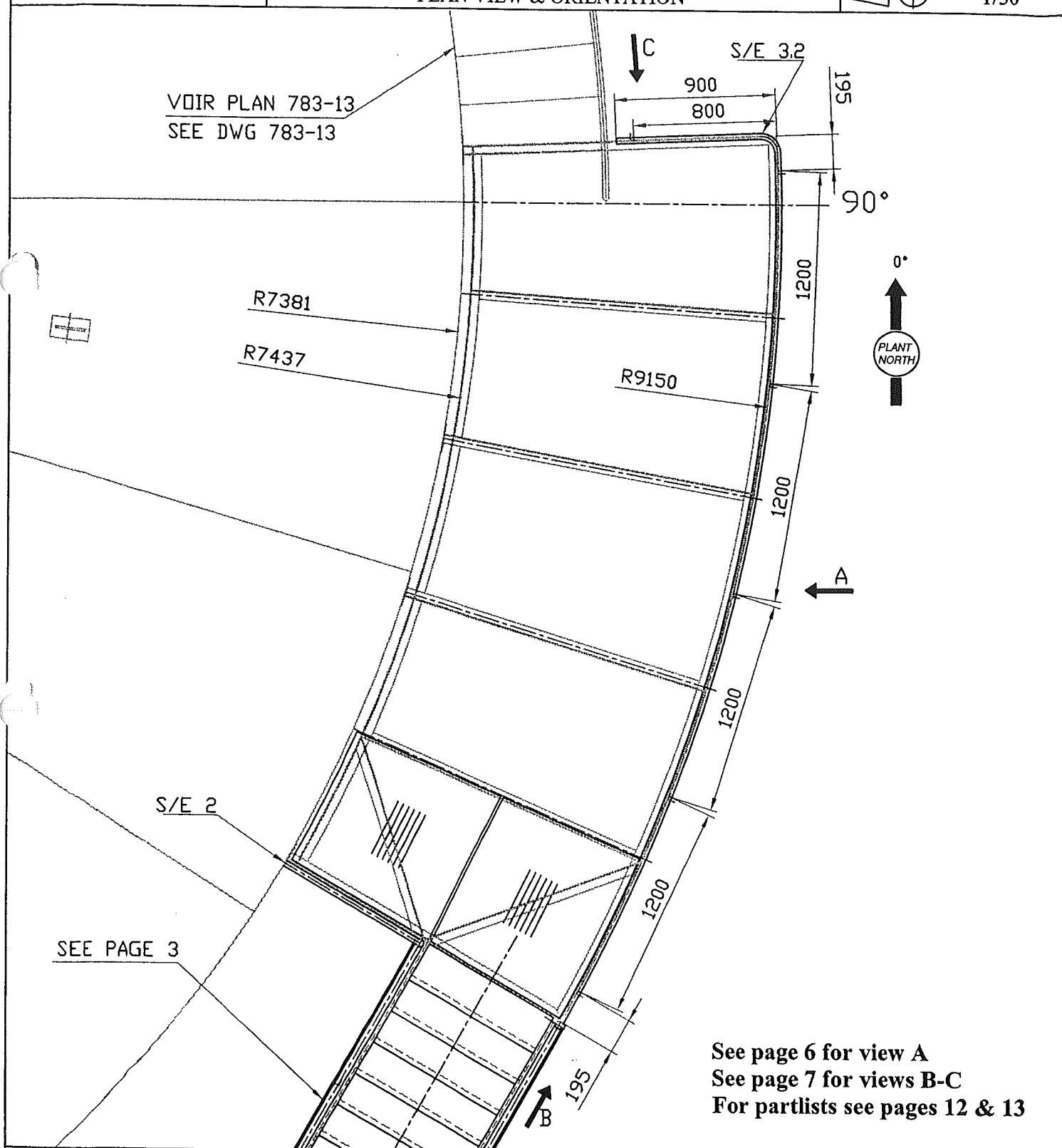
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Client / Customer : AIR LIQUIDE AGS GmbH

Engineered System N° :

Rev 0

Plan N° : 783-20**PLATFORM**
PLAN VIEW & ORIENTATION Echelle/Scale
1/30

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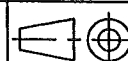
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Engineered System N° :

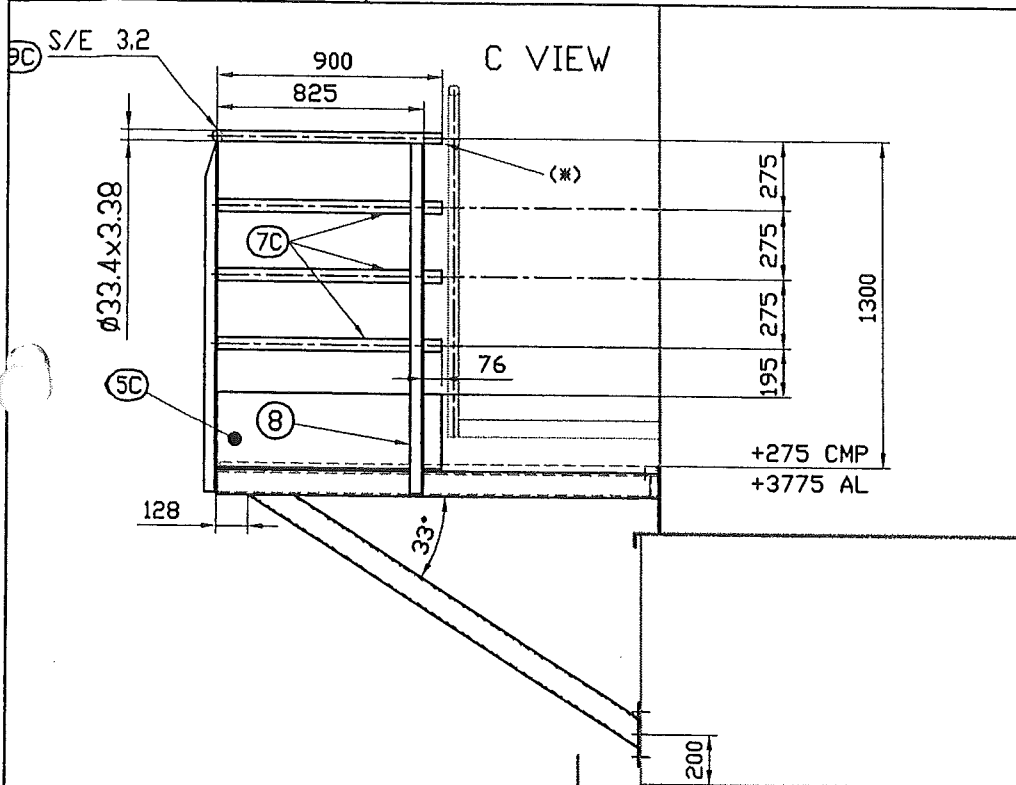
Rev 0

Plan N° : 783-20

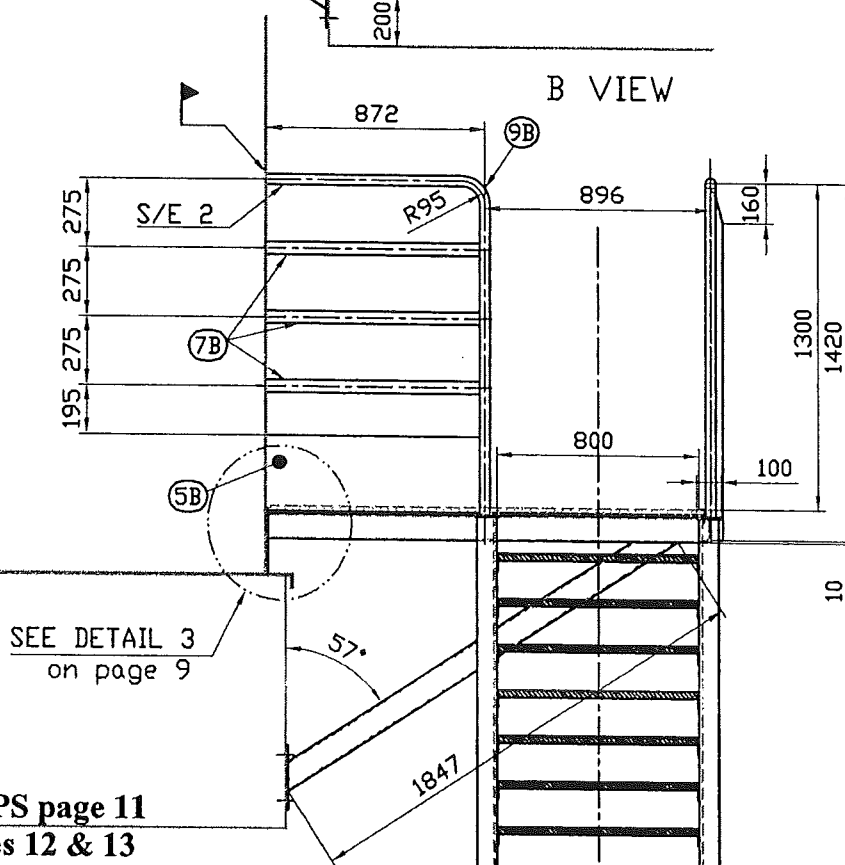
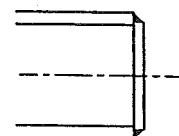
PLATFORM
B & C VIEW



Echelle/Scale
1/30



(*) Pipe ends to be closed
by plug as per typical detail



Welded joints see WPS page 11

For partlists see pages 12 & 13

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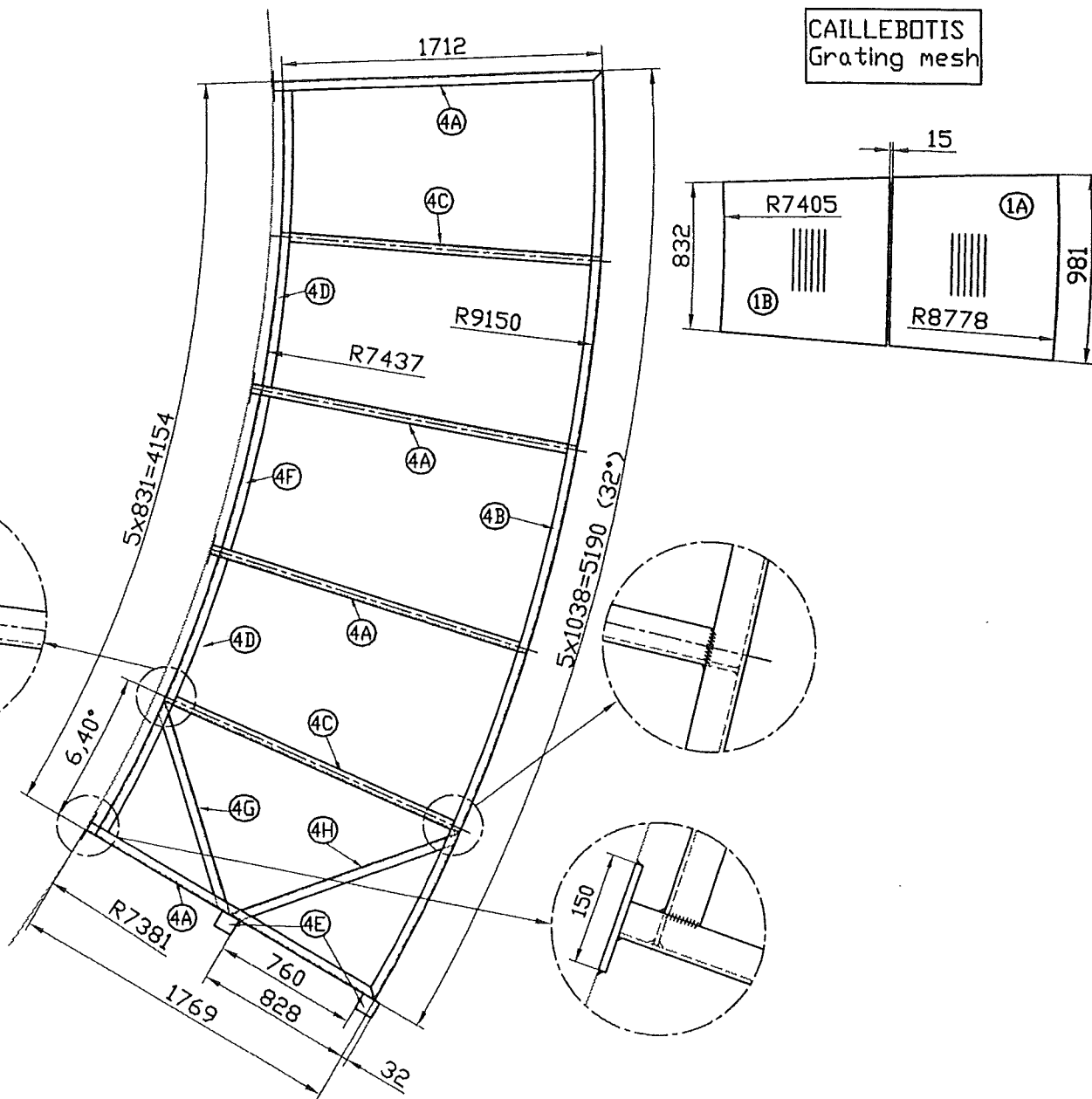
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Plan N° : 783-20

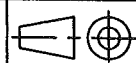
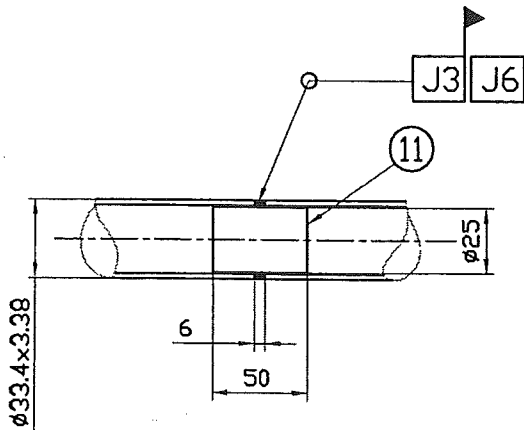
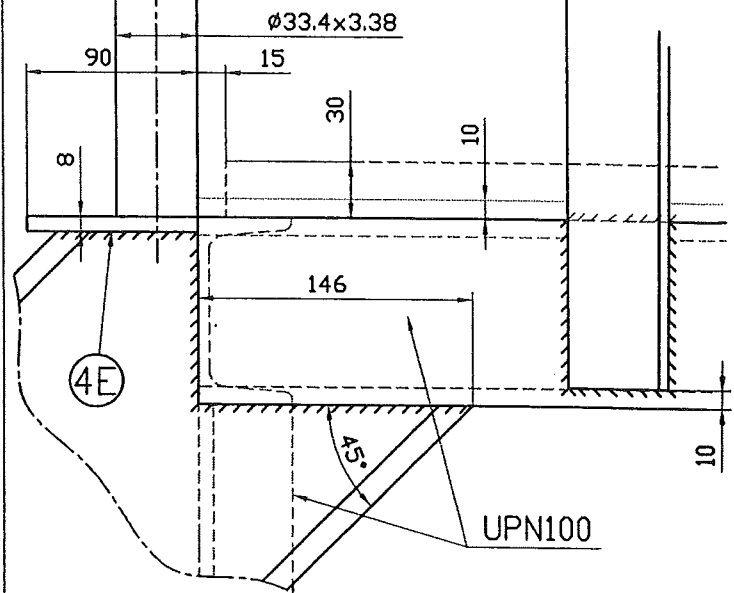
PLATFORM
GRATING MESH SUPPORT & GRATING MESH Echelle/Scale
1/30S/E 1
SUPPORT DE CAILLEBOTIS
grating mesh support

(16)

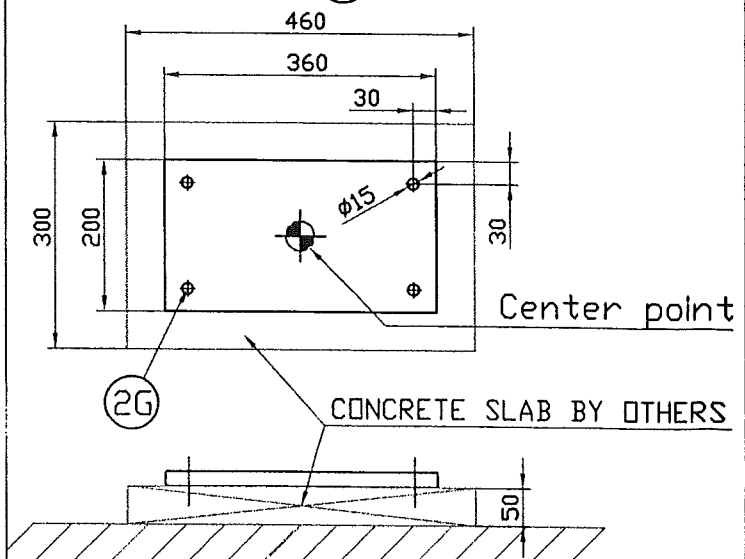
ITEMS 1A-1B
SUPPORT BAR 30x3
4 CLAMPS FOR EACH GRATING
GRATING MESH 34x38CAILLEBOTIS
Grating mesh

For partlists see pages 12 & 13

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Rev 0**Client / Customer : AIR LIQUIDE AGS GmbH****Engineered System N° :****Plan N° : 783-20****PLATFORM & INFERIEUR STAIR**
DETAILS 1 TO 4 Echelle/Scale
/**DETAIL 1**
if necessary**DETAIL 2****DETAIL 4**

item (2D)

275 CMP
3775 AL

260

UPN 100x50

140

+0.00 CMP

Welded joints see WPS page 11**For partlists see pages 12 & 13**

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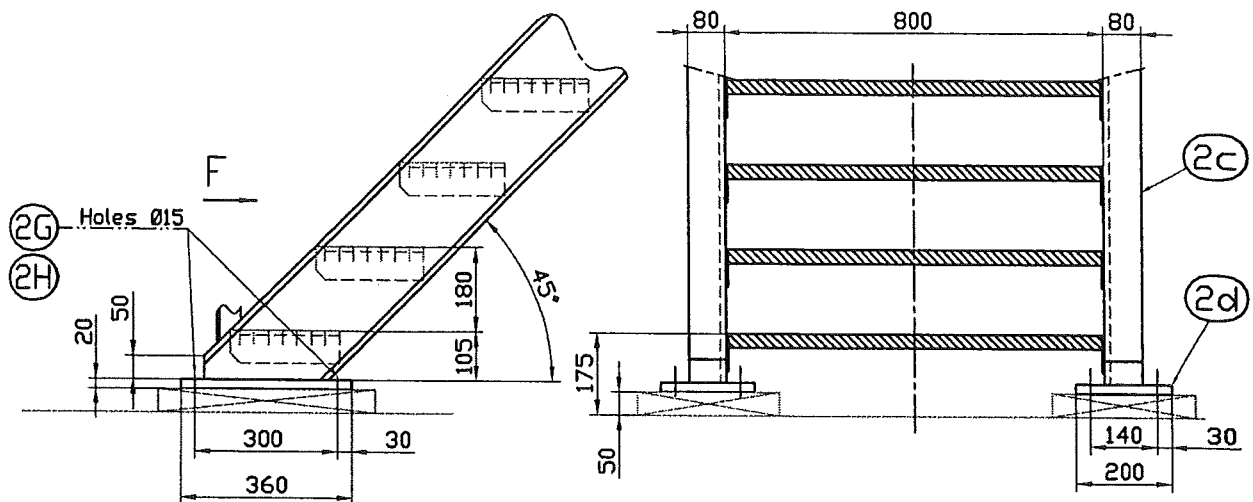
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Engineered System N° :

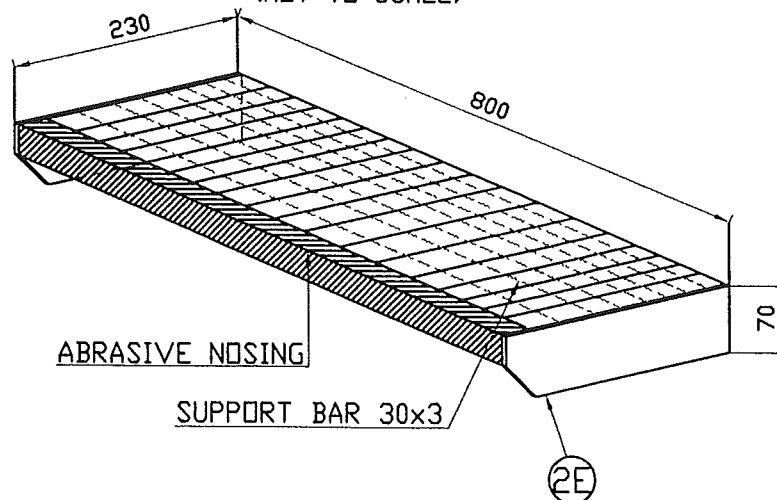
Rev 0

Plan N° : 783-20A**PLATFORM & INFERIEUR STAIR**

F VIEW AND DETAIL 5

Echelle/Scale
/**F VIEW****STEP DETAIL 5**

(NOT TO SCALE)

**For partlists see pages 12 & 13**

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

Plan N° : 783-20

WPS TABLE & NOTES

 Echelle/Scale

- 1) TYPICAL FILLET WELD
2) FILLET WELDS ARE CONTINUOUS
ON ALL PARTS CARBON STEEL



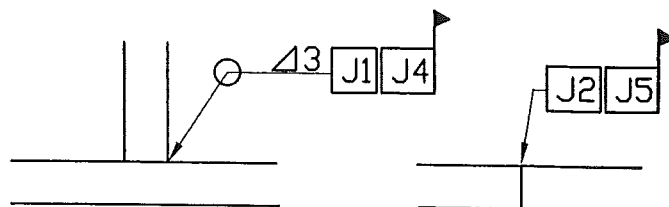
- 3)  = SITE WELDING

[illegible]

NOTE:

- ALL PARTS OF STAIRS AND PLATFORM:
PAINTED CARBON STEEL (rich zinc paint).
EXCEPTED GRATING AND STEPS:
HOT DIPPED GALVANISED CARBON STEEL.
- WELDING OF GALVANISED PARTS:
GRIND WELD AREA BEFORE WELDING
PAINT WELDS SHORT AFTER WELDING

TYPICAL WELDED JOINTS



(4) see list on CRYO-CS1

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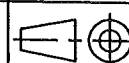
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Rev 0


Plan N° : 783-20**NOMENCLATURE/LISTE DE COLISAGE**
PART LIST/PACKING LISTEchelle/Scale
/

S/E 1	1	SUB-ASSEMBLY INCLUDING ITEMS:					
4A	4	UPN 100x50 lg:1763	EN10025 S235JRG2 **	/		178	
4B	1	UPN 100x50 CINTRE (bending) R ext 9150 lg: 5190	EN10025 S235JRG2 **	/			
4C	1	UPN 100x50 lg:1696	EN10025 S235JRG2 **	/			
4D.F	1	UPN 100x50 CINTRE (bending) R int 7437 lg: 4154	EN10025 S235JRG2 **	/			
4E	2	PLAT 100x90x8	EN10025 S235JRG2 **	/			
4G.H	2	L 50x50x5 lg:1350	EN10025 S235JRG2 **	/			
E 2	1	SUB-ASSEMBLY INCLUDING ITEMS:				20	
5B	1	PLAT (flat) 300x5 lg: 900	EN10025 S235JRG2 **	/			
7B	3	PLAT (flat) 50x5 lg: 900	EN10025 S235JRG2 **	/			
9B	1	TUBE (pipe) Ø33.4x3.38 lg: 2350	A106 GrB**	/			
S/E 3.1	1	SUB-ASSEMBLY INCLUDING ITEMS:				118	
5A	1	PLAT (flat) 300x5 lg: 5190	EN10025 S235JRG2 **	/			
7A	3	PLAT (flat) 50x5 lg: 5190	EN10025 S235JRG2 **	/			
8	5	L 50x50x5 lg:1400	EN10025 S235JRG2 **	/			
9A	1	TUBE CINTRE R 9150(bending pipe) Ø33.4x3.38 lg: 5500	A106 GrB**	/			
S/E 3.2	1	SUB-ASSEMBLY INCLUDING ITEMS:				22	
5C	1	PLAT (flat) 300x5 lg: 900	EN10025 S235JRG2 **	/			
7C	3	PLAT (flat) 50x5 lg: 900	EN10025 S235JRG2 **	/			
8	1	L 50x50x5 lg:1400	EN10025 S235JRG2 **	/			
9C	1	TUBE (pipe) Ø33.4x3.38 lg: 1500	A106 GrB**	/			
S/E 4.1	1	SUB-ASSEMBLY INCLUDING ITEMS:				366	
2A	1	TUBE (pipe) Ø33.4x3.38 lg: 6000	A106 GrB**	/			
2B	2	PLAT (flat) 50x5 lg: 5300	EN10025 S235JRG2 **	/			
2C	1	UPN 220X80 lg: 5300	EN10025 S235JRG2 **	/			
2F	4	L 50x50x5 lg: 1120	EN10025 S235JRG2 **	/			
S/E 4.2	1	SUB-ASSEMBLY INCLUDING ITEMS:				366	
2A	1	TUBE (pipe) Ø33.4x3.38 lg: 6000	A106 GrB**	/			
2B	2	PLAT (flat) 50x5 lg: 5300	EN10025 S235JRG2 **	/			
2C	1	UPN 220X80 lg: 5300	EN10025 S235JRG2 **	/			
2F	4	L 50x50x5 lg: 1120	EN10025 S235JRG2 **	/			
** rich zinc paint coating						1070	
REP	Qté	DESIGNATION	rev	NORME/NUANCE	EN10204	POIDS/NET kg	CERTIF N°
ITEM	Qty	DESIGNATION	rev	NORM/MATERIAL	CERTIF	NET WEIGHT	VISUAL

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 Echelle/Scale

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