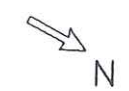


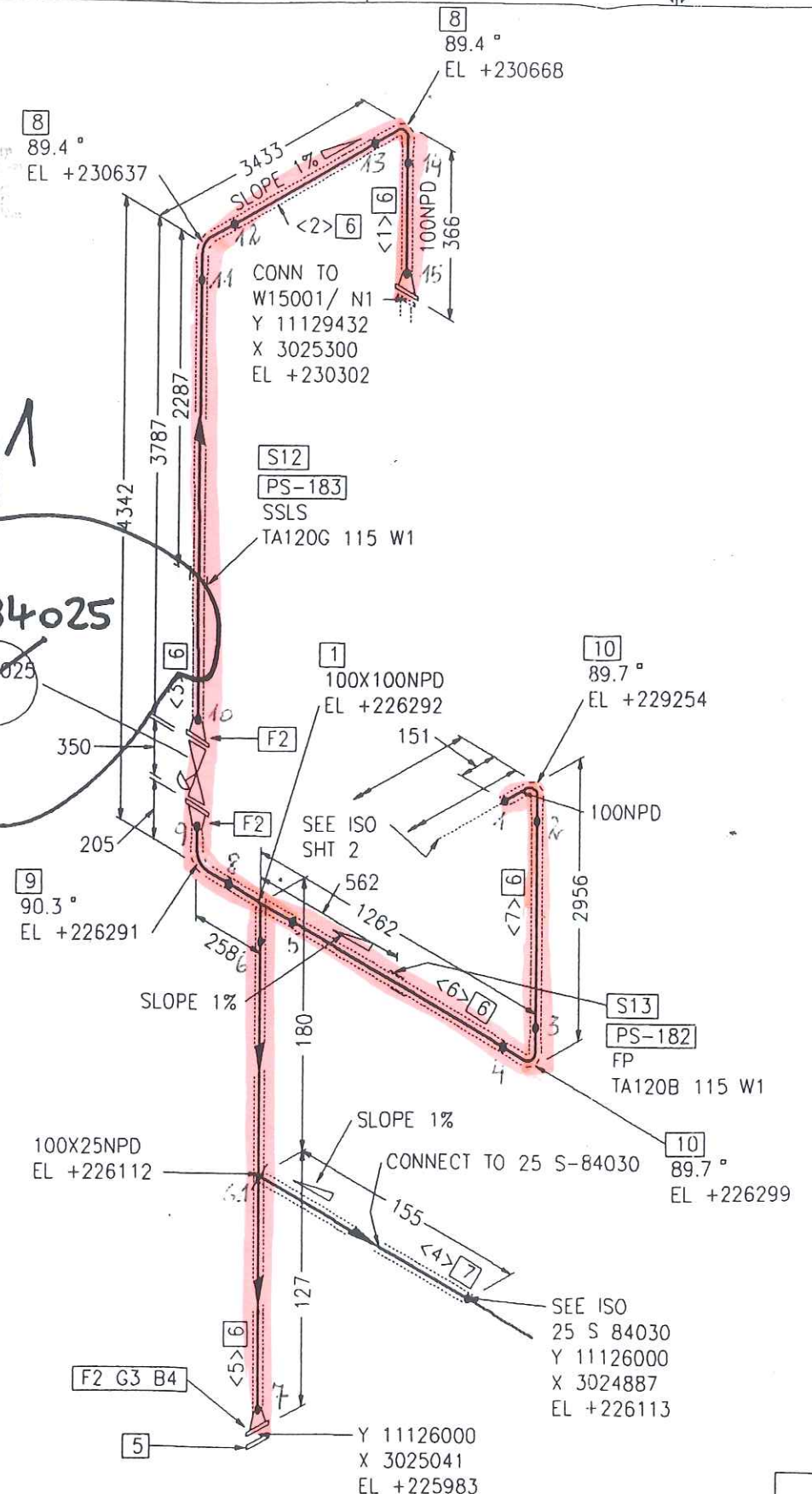
*Potrúbie kondenzátu a pary - izolácia rohožami WM 105, pz plech**Steam and condensat lines - insulation by Rockwool WM105, hot deep galvanised plate*

Vetva / pipe line	Typ izolácie / type of insulation	Hr. mm / thickness	Plech / plate	Hr. mm / thickness mm	Poznámka / REMARK
100 S 84002	rockwool	80	pz/ HDG	0,8	
100 S 84003_1	rockwool	80	pz/ HDG	0,8	
250 S 84003	rockwool	100	pz/ HDG	0,8	
25 C 15020	rockwool	40	pz/ HDG	0,8	
25 C 15021	rockwool	40	pz/ HDG	0,8	
25 C 15022	rockwool	40	pz/ HDG	0,8	
25 C 15024	rockwool	40	pz/ HDG	0,8	
25 S 84010	rockwool	60	pz/ HDG	0,8	
25 S 84011	rockwool	60	pz/ HDG	0,8	
25 S 84012	rockwool	60	pz/ HDG	0,8	
25 S 84013	rockwool	60	pz/ HDG	0,8	
25 S 84014	rockwool	60	pz/ HDG	0,8	
25 S 84015	rockwool	60	pz/ HDG	0,8	
25 S 84018	rockwool	60	pz/ HDG	0,8	
25 S 84019	rockwool	60	pz/ HDG	0,8	
25 S 84030	rockwool	60	pz/ HDG	0,8	
25 S 84031	rockwool	60	pz/ HDG	0,8	
25 S 90007	rockwool	60	pz/ HDG	0,8	
25 S 90008	rockwool	100	pz/ HDG	0,8	
200 S -84001	rockwool	100	pz/ HDG	0,8	
150 S-84005	rockwool	100	pz/ HDG	0,8	
150 S-84006	rockwool	100	pz/ HDG	0,8	
25 S 84016	rockwool	60	pz/ HDG	0,8	
25 S 84017	rockwool	60	pz/ HDG	0,8	
25 S 84026	rockwool	60	pz/ HDG	0,8	
25 S 84027	rockwool	60	pz/ HDG	0,8	
25 S 84022	rockwool	60	pz/ HDG	0,8	
25 S 84023	rockwool	60	pz/ HDG	0,8	



As built

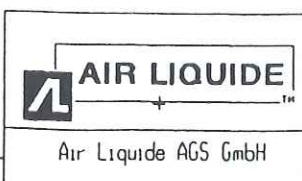
91
V84025
V85025



RESPONSIBILITY OF ERECTION COMPANY:
- Situation of mounting seams
- Situation off pass- length
- Check of measure details and pipe courses on the construction site
- Situation of the spindle at valve
- All components for Oxygen use free of oil and grease

SUPPORTS:
PS-(NO.) - PIPE SUPPORT WITH SUBSTRUCTURE
PB-(NO.) - PIPE SUPPORT ON THE PIPEBRIDGE
SS = SLIDING SUPPORT
PC = PIPE GUIDE
FP = FIX POINT

01	General Rev	15.09.2005	Les	Zul
Rev	Revisions	Date	Name	checked

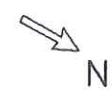


Date:	24-AUG-2005	Name:	Lesum / HGH	Checked:	05-09-15	History file:	
Job Code:	K70101			Scale:	Original format DIN A3		
Reference:	ASU No. 9, Kosice			Sheet:	1	Sheets:	4
Title:	100 S 84002 BA25C1W			Drawing No.	792.8782601		

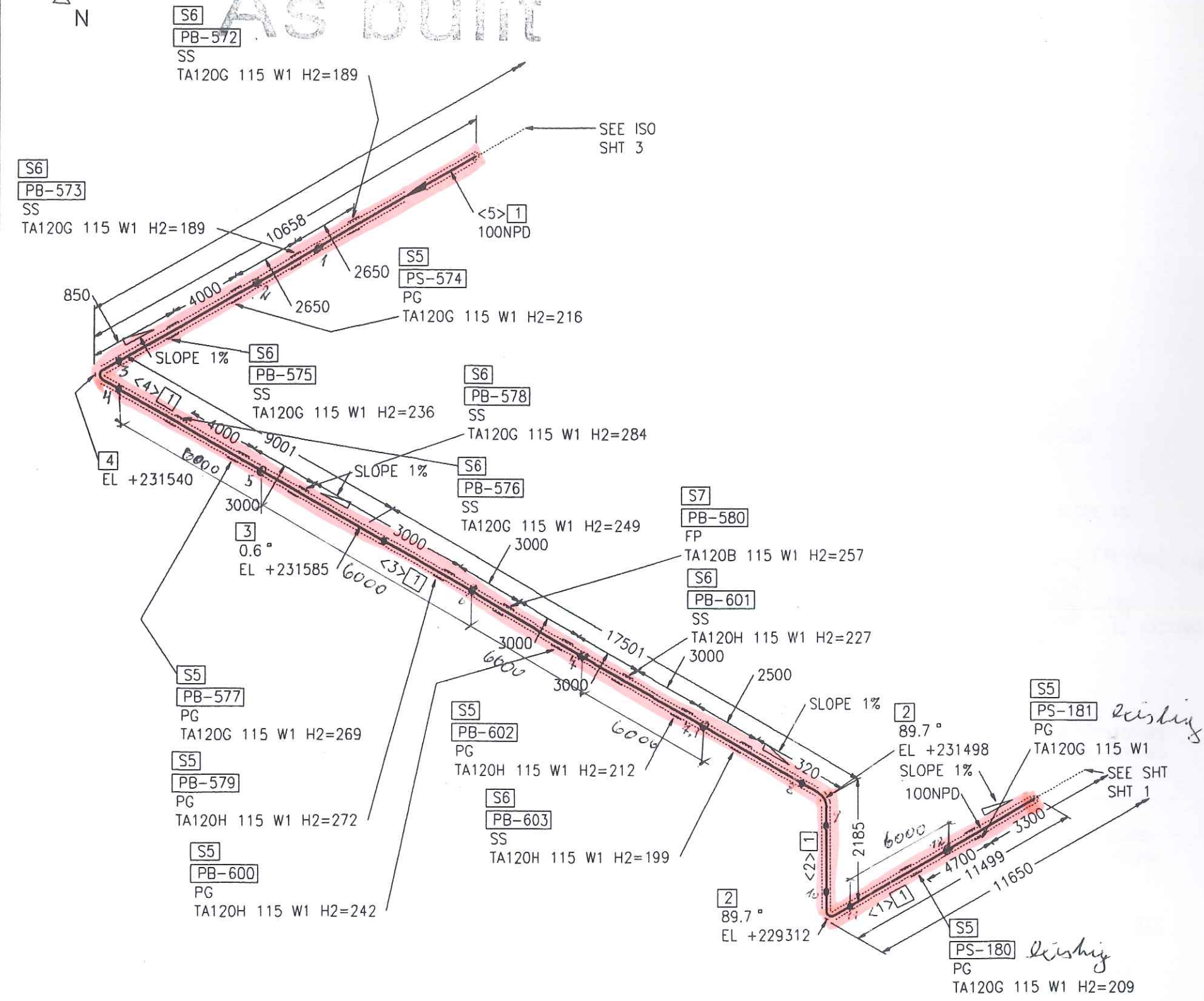
Part No.	Qty [PCS/MM]	NPD [Size]	Component Description
1	1		100X100 TEE, SEAMLESS 114.3*3.6/114.3*3.6, ST35.8 I, DIN 2615-1
2	3	100	WELDING-NECK-FLANGE PN40, C22.8, DIN EN 1092-1
3	1	100	FLAT GASKET
4	8	20	HEXAGON HEAD BOLT 5.6 WITH NUT 5-2, 80.0MM LANG
5	1	100	BLIND FLANGE 0*NBROD, C22.8, DIN EN 1092-1
6	10689 MM	100	PIPE, SEAMLESS 114.3*3.6, ST35.8 I, DIN EN 10220
7	100 MM	25	PIPE, SEAMLESS 33.7*2.6, ST35.8 I, DIN EN 10220
8	2	100	ELBOW, SEAMLESS, 1.5D 114.3*3.6-89.4, B-ART 3, DIN 2605-1
9	1	100	ELBOW, SEAMLESS, 1.5D 114.3*3.6-90.3, B-ART 3, DIN 2605-1
10	2	100	ELBOW, SEAMLESS, 1.5D 114.3*3.6-89.7, B-ART 3, DIN 2605-1
11	1	100	V85025 V85025
12	1	100	SLIDE SUPPORT WITH LIFTING STOP PSUPPORT
13	1	100	FIX POINT PSUPPORT

CUT PIPE LENGTH			REMARKS	END ONE	END TWO	ITEM CODE
PIECE NO	LENGTH (MM)	NPD (MM)				
<1>	164	100		BEVEL	BEVEL	RN
<2>	3132	100		BEVEL	BEVEL	RN
<3>	3584	100		BEVEL	BEVEL	RN
<4>	100	25		SHAPED	BEVEL	RN
<5>	150	100		BEVEL	BEVEL	RN
<6>	1006	100		BEVEL	BEVEL	RN
<7>	2653	100		BEVEL	BEVEL	RN

LEVELS:
TOP OF INTERNAL ROADS: 225.00m n.m.
TOP OF FOUNDATION: 225.10m
BOTTOM OF STEEL STRUCTURE: 225.15m = ±0.00



As built



Part No.	Qty [PCS/MM]	NPD [Size]	Component Description
1	49932	MM	100 PIPE, SEAMLESS 114.3*3.6, ST35.8 I, DIN EN 10220
2	2	100	ELBOW, SEAMLESS, 1.5D 114.3*3.6-89.7, B-ART 3,DIN 2605-1
3	1	100	ELBOW, SEAMLESS, 1.5D 114.3*3.6-0.6, B-ART 3,DIN 2605-1
4	1	100	ELBOW, SEAMLESS, 1.5D 114.3*3.6-90, B-ART 3,DIN 2605-1
5	7	100	PIPE GUIDE PSUPPORT
6	7	100	SLIDE SUPPORT PSUPPORT
7	1	100	FIX POINT PSUPPORT

CUT PIPE LENGTH			REMARKS	END ONE	END TWO	ITEM CODE
PIECE NO	LENGTH (MM)	NPD (MM)				
<1>	11348	100		BEVEL	BEVEL	RN
<2>	1883	100		BEVEL	BEVEL	RN
<3>	17348	100		BEVEL	BEVEL	RN
<4>	8847	100		BEVEL	BEVEL	RN
<5>	10506	100		BEVEL	BEVEL	RN

RESPONSIBILITY OF ERECTION COMPANY:
- Situation of mounting seams
- Situation off pass- length
- Check of measure details and pipe courses on the construction site
- Situation of the spindle at valve
- All components for Oxygen use free of oil and grease

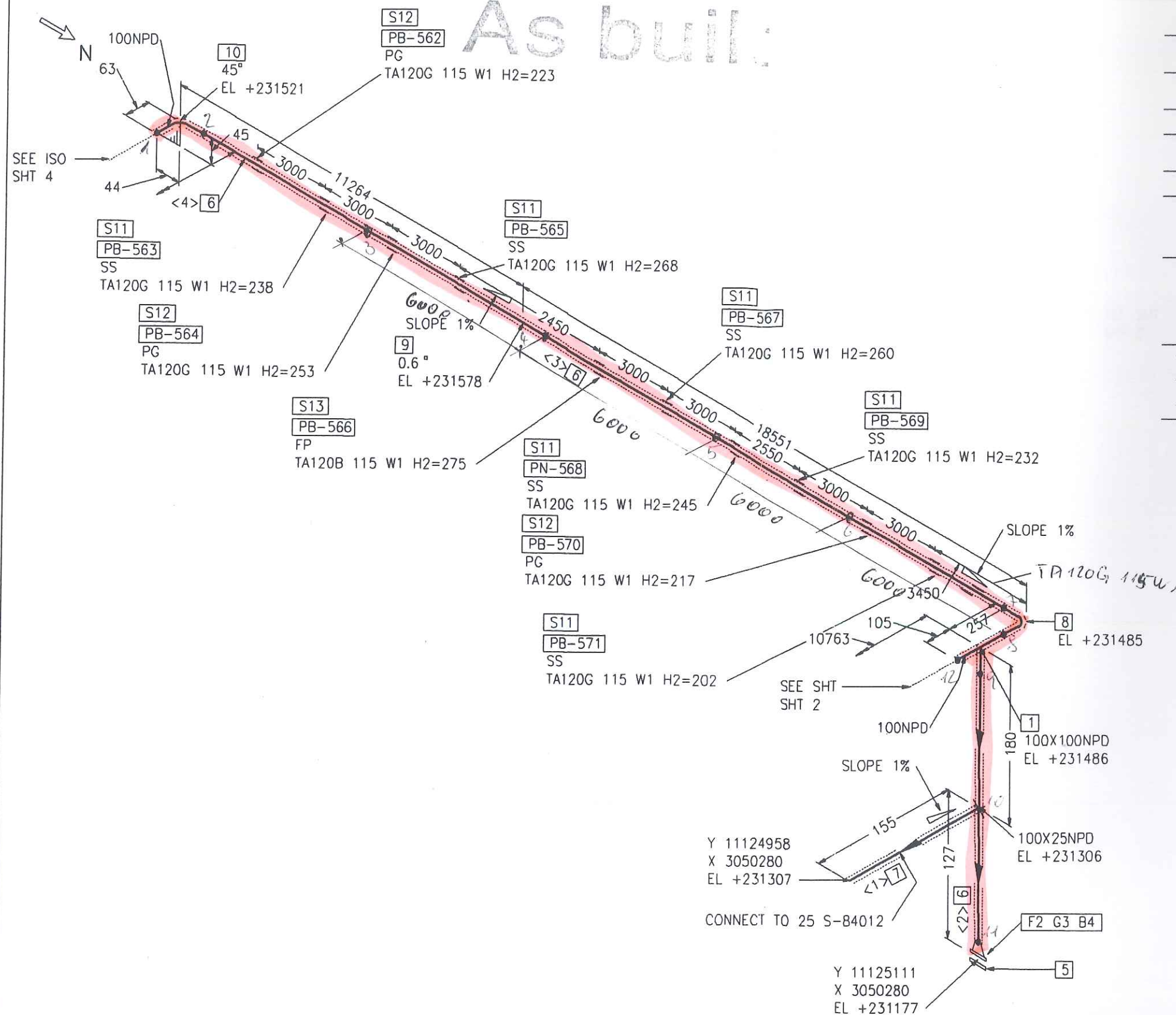
SUPPORTS:
PS-(NO.) - PIPE SUPPORT WITH SUBSTRUCTURE
PB-(NO.) - PIPE SUPPORT ON THE PIPEBRIDGE
SS = SLIDING SUPPORT
PG = PIPE GUIDE
FP = FIX POINT

Rev.	Revisions	Date	Name	checked
01	General Rev	15.09.2005	Les	Zul

	Date:	24-AUG-2005	Name:	Lesum / HGH	Checked:	05-09-15	History file:
	Job Code: K70101				Scale	Original format	
	Reference: ASU No. 9, Kosice				Sheet: 2	Sheets: 4	
	Title: 100 S 84002 BA25C1W 792.8782601				Drawing No. Rev.		

LEVELS:
TOP OF INTERNAL ROADS: 225.00m n.m.
TOP OF FOUNDATION: 225.10m
BOTTOM OF STEEL STRUCTURE: 225.15m = ±0.00

As built



Part No.	Qty [PCS/MM]	NPD [Size]	Component Description
1	1	100X100	TEE, SEAMLESS 114.3*3.6/114.3*3.6, ST35.8 I, DIN 2615-1
2	1	100	WELDING-NECK-FLANGE PN40, C22.8, DIN EN 1092-1
3	1	100	FLAT GASKET
4	8	20	HEXAGON HEAD BOLT 5.6 WITH NUT 5-2, 80.0MM LANG
5	1	100	BLIND FLANGE 0*NREOD, C22.8, DIN EN 1092-1
6	29746 MM	100	PIPE, SEAMLESS 114.3*3.6, ST35.8 I, DIN EN 10220
7	100 MM	25	PIPE, SEAMLESS 33.7*2.6, ST35.8 I, DIN EN 10220
8	1	100	ELBOW, SEAMLESS, 1.5D 114.3*3.6-90, B-ART 3,DIN 2605-1
9	1	100	ELBOW, SEAMLESS, 1.5D 114.3*3.6-0.6, B-ART 3,DIN 2605-1
10	1	100	ELBOW, SEAMLESS, 1.5D 114.3*3.6-45, B-ART 3,DIN 2605-1
11	6	100	SLIDE SUPPORT PSUPPORT
12	3	100	PIPE GUIDE PSUPPORT
13	1	100	FIX POINT PSUPPORT

CUT PIPE LENGTH			REMARKS	END ONE	END TWO	ITEM CODE
PIECE NO	LENGTH (MM)	NPD (MM)				
<1>	100	25		SHAPED BEVEL	SQ.CUT BEVEL	RN
<2>	150	100		BEVEL	BEVEL	RN
<3>	18397	100		BEVEL	BEVEL	RN
<4>	11199	100		BEVEL	BEVEL	RN

RESPONSIBILITY OF ERECTION COMPANY:
- Situation of mounting seams
- Situation off pass- length
- Check of measure details and pipe courses on the construction site
- Situation of the spindle at valve
- All components for Oxygen use free of oil and grease

SUPPORTS:
PS-(NO.)- PIPE SUPPORT WITH SUBSTRUCTURE
PB-(NO.)- PIPE SUPPORT ON THE PIPEBRIDGE
SS = SLIDING SUPPORT
PG = PIPE GUIDE
FP = FIX POINT

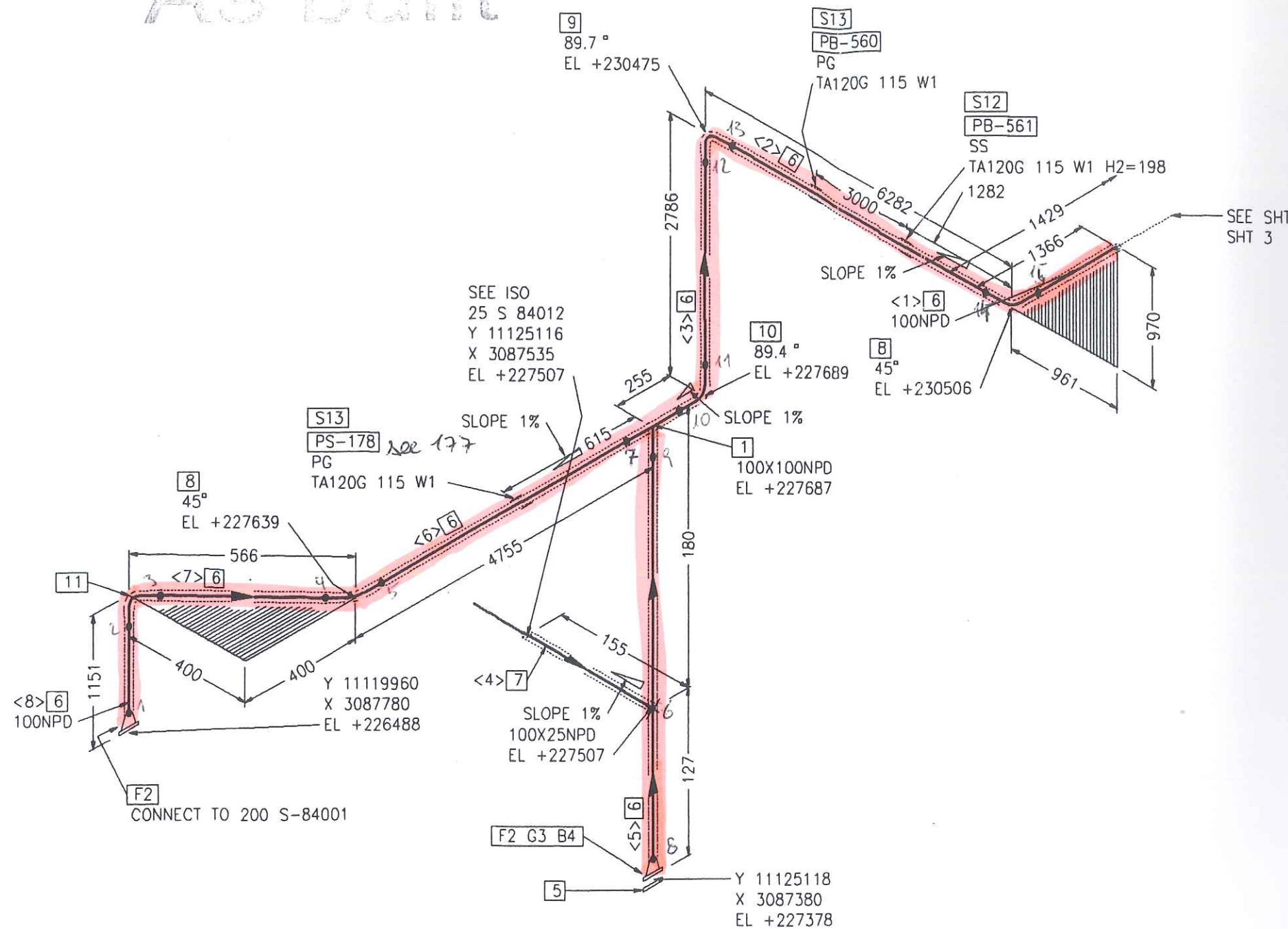
Rev.	Revisions	Date	Name	checked
01	General Rev	15.09.2005	Les	Zul



Replaces: 79_-----
Replaced by: 79_-----

Date:	24-AUG-2005	Name:	Lesum / HGH	Checked:	05-09-15	History file:	
Job Code:	K70101	Reference:	ASU No. 9, Kosice	Scale:	3	Original format:	DIN A3
Title:	100 S 84002 BA25C1W	Drawing No.	792.87826	Rev.	01		

As built



Part No.	Qty [PCS/MM]	NPD [Size]	Component Description
1	1	100X100 TEE, SEAMLESS 114.3*3.6/114.3*3.6, ST35.8 I, DIN 2615-1	
2	2	100	WELDING-NECK-FLANGE PN40, C22.8, DIN EN 1092-1
3	1	100	FLAT GASKET
4	8	20	HEXAGON HEAD BOLT 5.6 WITH NUT 5-2, 80.0MM LANG
5	1	100	BLIND FLANGE 0*NREOD, C22.8, DIN EN 1092-1
6	15890 MM	100	PIPE, SEAMLESS 114.3*3.6, ST35.8 I, DIN EN 10220
7	100 MM	25	PIPE, SEAMLESS 33.7*2.6, ST35.8 I, DIN EN 10220
8	2	100	ELBOW, SEAMLESS, 1.5D 114.3*3.6-45, B-ART 3,DIN 2605-1
9	1	100	ELBOW, SEAMLESS, 1.5D 114.3*3.6-89.7, B-ART 3,DIN 2605-1
10	1	100	ELBOW, SEAMLESS, 1.5D 114.3*3.6-89.4, B-ART 3,DIN 2605-1
11	1	100	ELBOW, SEAMLESS, 1.5D 114.3*3.6-90, B-ART 3,DIN 2605-1
12	1	100	SLIDE SUPPORT PSUPPORT
13	2	100	PIPE GUIDE PSUPPORT

CUT PIPE LENGTH

PIECE NO	LENGTH (MM)	NPD (MM)	REMARKS	END ONE	END TWO	ITEM CODE
<1>	1303	100		BEVEL	BEVEL	RN
<2>	6068	100		BEVEL	BEVEL	RN
<3>	2484	100		BEVEL	BEVEL	RN
<4>	100	25		SHAPED	BEVEL	RN
<5>	150	100		BEVEL	BEVEL	RN
<6>	4587	100		BEVEL	BEVEL	RN
<7>	351	100		BEVEL	BEVEL	RN
<8>	947	100		BEVEL	BEVEL	RN

RESPONSIBILITY OF ERECTION COMPANY:

- Situation of mounting seams
- Situation off pass- length
- Check of measure details and pipe courses on the construction site
- Situation of the spindle at valve
- All components for Oxygen use free of oil and grease

SUPPORTS:

PS-(NO.) - PIPE SUPPORT WITH SUBSTRUCTURE

PB-(NO.) - PIPE SUPPORT ON THE PIPEBRIDGE

SS = SLIDING SUPPORT

PG = PIPE GUIDE

FP = FIX POINT

Rev.	General Rev	Date	Name	checked
01	General Rev	15.09.2005	Les	Zul

Air Liquide AGS GmbH

Date: 16-SEP-2005

Name: Lesum / HGH

Checked: 05-09-15

History file:

Job Code: K70101

Reference: ASU No. 9, Kosice

Title: 100 S 84002 BA25C1W

Scale: ---

Original format: DIN A3

Sheet: 4

Sheets: 4

Drawing No. 792.87826

Rev. 01

LEVELS:

TOP OF INTERNAL ROADS: 225.00m n.m.

TOP OF FOUNDATION: 225.10m

BOTTOM OF STEEL STRUCTURE: 225.15m = ±0.00

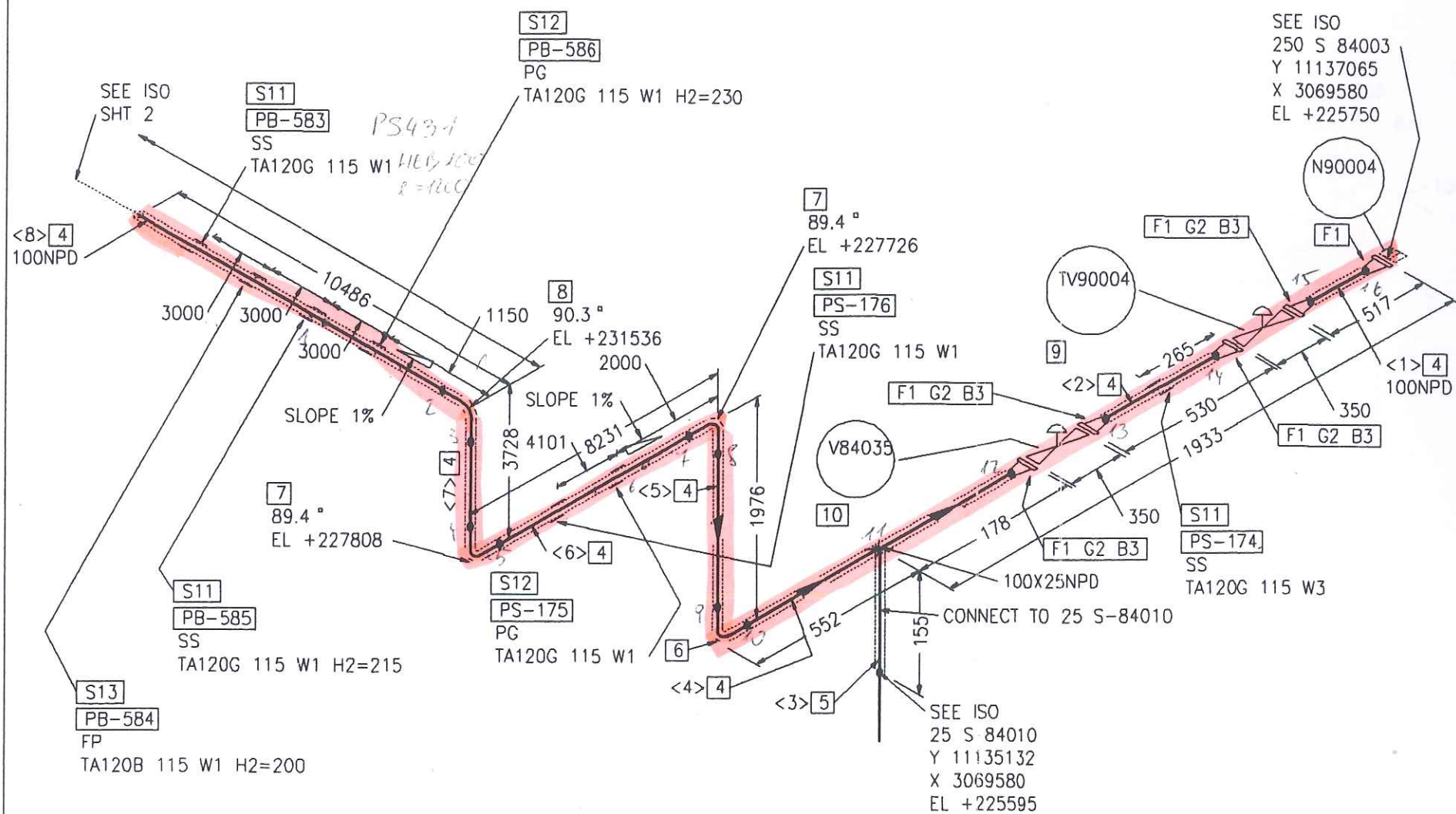
PARA

100 S 84002

IZOLÁCIA - ROCKWOOL - WT 105 ZINC Hr: 80 mm

pozinkovaný plech - Hr: 0,8 mm

As built



Part No.	Qty [PCS/MM]	NPD [Size]	Component Description
1	5	100	WELDING-NECK-FLANGE PN40, C22.8, DIN EN 1092-1
2	4	100	FLAT GASKET
3	32	20	HEXAGON HEAD BOLT 5.6 WITH NUT 5-2, 80.0MM LANG
4	24727 MM	100	PIPE, SEAMLESS 114.3*3.6, ST35.8 I, DIN EN 10220
5	100 MM	25	PIPE, SEAMLESS 33.7*2.6, ST35.8 I, DIN EN 10220
6	1	100	ELBOW, WELDED, 1.5D 114.3*2.6-90, B-ART 3,DIN 2605-1
7	2	100	ELBOW, SEAMLESS, 1.5D 114.3*3.6-89.4, B-ART 3,DIN 2605-1
8	1	100	ELBOW, SEAMLESS, 1.5D 114.3*3.6-90.3, B-ART 3,DIN 2605-1
9	1	100	TV90004 TV90004
10	1	100	V84035 V84035
11	4	100	SLIDE SUPPORT PSUPPORT
12	2	100	PIPE GUIDE PSUPPORT
13	1	100	FIX POINT PSUPPORT

CUT PIPE LENGTH						
PIECE NO	LENGTH (MM)	NPD (MM)	REMARKS	END ONE	END TWO	ITEM CODE
<1>	413	100		BEVEL	BEVEL	RN
<2>	426	100		BEVEL	BEVEL	RN
<3>	100	25		SHAPED	BEVEL	RN
<4>	526	100		BEVEL	BEVEL	RN
<5>	1673	100		BEVEL	BEVEL	RN
<6>	7931	100		BEVEL	BEVEL	RN
<7>	3425	100		BEVEL	BEVEL	RN
<8>	10333	100		BEVEL	BEVEL	RN

9

LEVELS:
TOP OF INTERNAL ROADS: 225.00m n.m.
TOP OF FOUNDATION: 225.10m
BOTTOM OF STEEL STRUCTURE: 225.15m = ±0.00

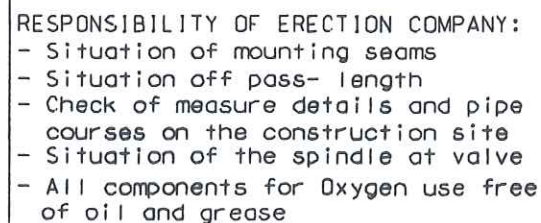
RESPONSIBILITY OF ERECTION COMPANY:
- Situation of mounting seams
- Situation off pass- length
- Check of measure details and pipe courses on the construction site
- Situation of the spindle at valve
- All components for Oxygen use free of oil and grease

SUPPORTS:
PS-(NO.) - PIPE SUPPORT WITH SUBSTRUCTURE
PB-(NO.) - PIPE SUPPORT ON THE PIPIBRIDGE
SS = SLIDING SUPPORT
PG = PIPE GUIDE
FP = FIX POINT

Rev.	General Rev	Revisions	Date	Les	Name	Zul	checked
01	General Rev	15.09.2005		Les		Zul	

AIR LIQUIDE Air Liquide AGS GmbH	Date: 24-AUG-2005	Name: Lesum / HGH	Checked: 05-09-15	History file.	
	Job Code: K70101			Scale: ---:---	Original format: DIN A3
	Reference: ASU No. 9, Kosice			Sheet: 1	Sheets: 2
	Title: 100 S 84003_1 BA25C1W			Drawing No. 792.87826	Rev. 01

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01	General Rev	15.09.2005	Les	Zul
Rev.	Revisions	Date	Name	checked

Air Liquide AGS GmbH

Date:	Name:	Checked:	History file.	
24-AUG-2005	LeSum / HGH	05-09-15		
Job Code: K70101			Scale _ : _	Original format DIN A3
Reference: ASU No. 9, Kosice			Sheet: 2	Sheets: 2
Title:			Drawing No.	Rev.
100 S 84003_1 BA25C1W			792.87826	01

CUT PIPE LENGTH

PIECE NO	LENGTH (MM)	NPD (MM)	REMARKS	END ONE	END TWO	ITEM CODE
<1>	1251	100		BEVEL	BEVEL	RN
<2>	5717	100		BEVEL	BEVEL	RN
<3>	1976	100		BEVEL	BEVEL	RN
<4>	100	25		SHAPED	BEVEL	RN
<5>	150	100		BEVEL	BEVEL	RN
<6>	4500	100		BEVEL	BEVEL	RN
<7>	848	100		BEVEL	BEVEL	RN
<8>	1447	100		BEVEL	BEVEL	RN

~~678~~

LEVELS:

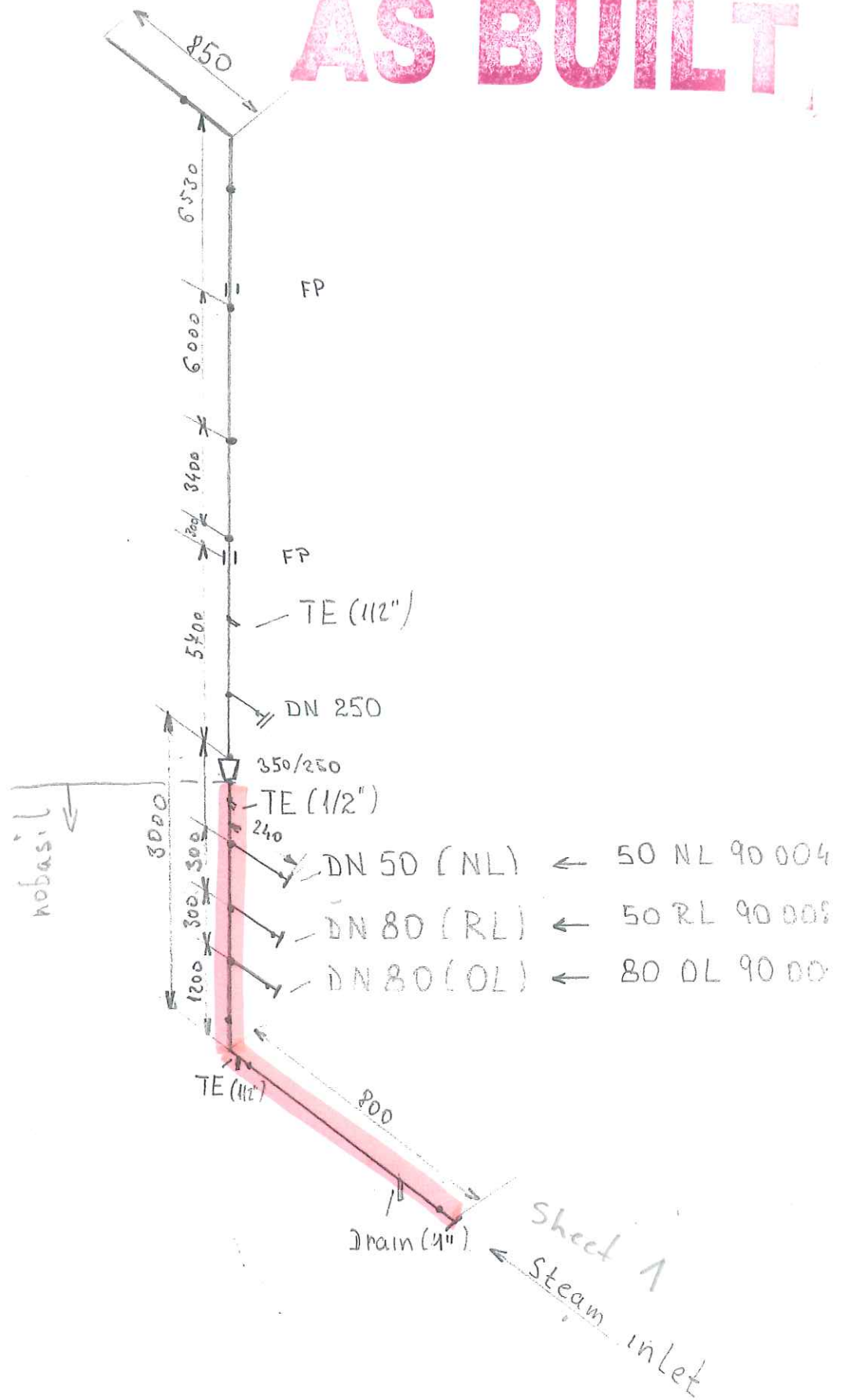
TOP OF INTERNAL ROADS:	225.00m n.m.
TOP OF FOUNDATION:	225.10m
BOTTOM OF STEEL STRUCTURE:	225.15m = ± 0.00

PARA

100 S 84003_1

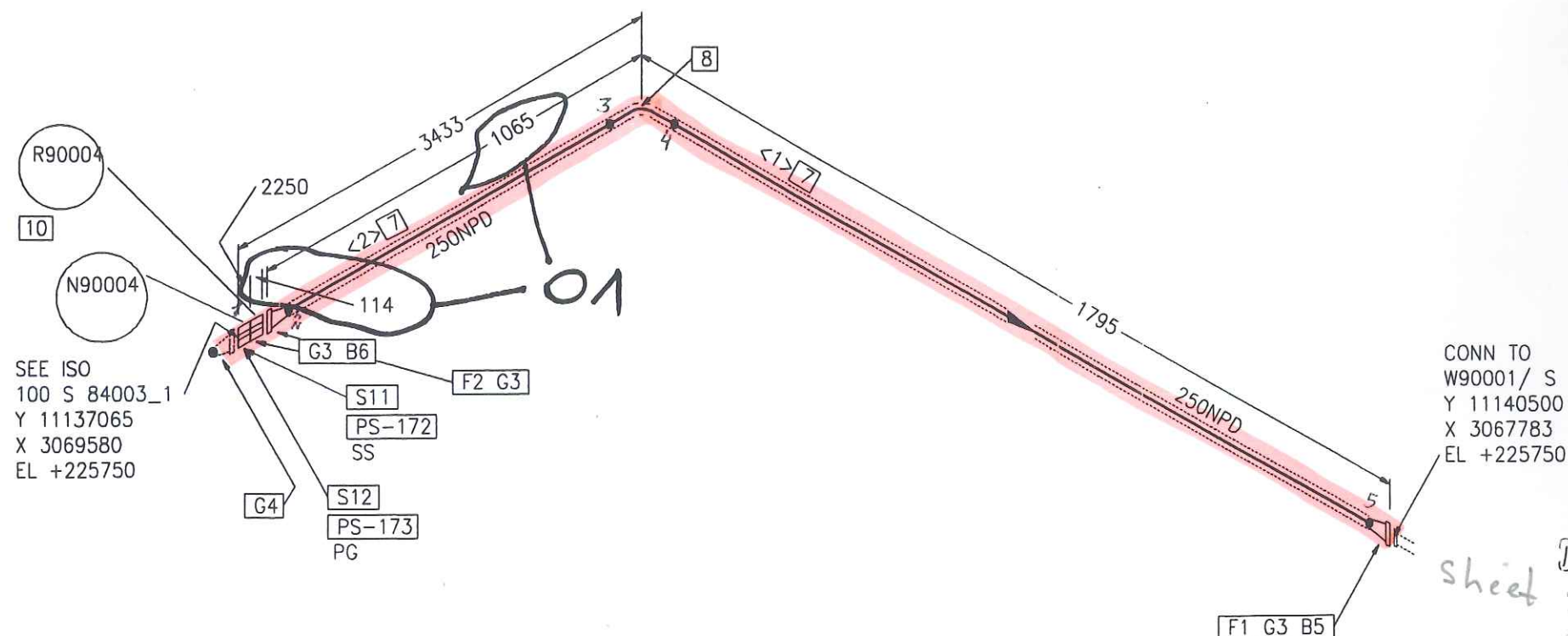
IZOLÁCIA - Rockwool - WM 105 ZINC Hr: 80 mm
pozinkovaný plech - Hr: 0,8 mm

AS BUILT





As built



RESPONSIBILITY OF ERECTION COMPANY:
- Situation of mounting seams
- Situation off pass- length
- Check of measure details and pipe courses on the construction site
- Situation of the spindle at valve
- All components for Oxygen use free of oil and grease

SUPPORTS:
PS-(NO.) - PIPE SUPPORT WITH SUBSTRUCTURE
PB-(NO.) - PIPE SUPPORT ON THE PIPEBRIDGE
SS = SLIDING SUPPORT
PG = PIPE GUIDE
FP = FIX POINT

Rev.	Revisions	Date	Name	checked
01	General Rev.	15.09.2005	Les	Zul



Replaces: 79_-----
Replaced by: 79_-----

Date:	16-SEP-2005	Name:	Lesum / HGH	Checked:	05-09-15	History file:	
Job Code:	K70101	Reference:	ASU No. 9, Kosice	Scale:	1	Original format:	DIN A3
Title:	250 S 84003 AA10C1W	Drawing No.:	792.87826	Rev.:	01		

Part No.	Qty [PCS/MM]	NPD [Size]	Component Description
1	1	250	WELDING-NECK-FLANGE PN16, S235JRG2, DIN EN 1092-1
2	1	250	WELDING-NECK-FLANGE PN10, S235JRG2, DIN EN 1092-1
3	3	250	FLAT GASKET
4	1	100	FLAT GASKET
5	12	24	HEXAGON HEAD BOLT 5.6 WITH NUT 5-2, 90.0MM LANG
6	12	20	HEXAGON HEAD BOLT 5.6 WITH NUT 5-2, 200.0MM LANG
7	1960 MM	250	PIPE, WELDED 273*5.0, ST37.0, DIN EN 10220
8	1	250	ELBOW, WELDED, 1,5D 273*5.0-90, B-ART 3,DIN 2605-1
9	1	250X100	ERROR READING SPECIALTY MATERIAL DESCRIPTION LIBRARY N90004
10	1	250	R90004 R90004
11	1	250	SLIDE SUPPORT PSUPPORT
12	1	250	PIPE GUIDE PSUPPORT

CUT PIPE LENGTH

PIECE NO	LENGTH (MM)	NPD (MM)	REMARKS	END ONE	END TWO	ITEM CODE
<1>	1344	250		BEVEL	BEVEL	RG
<2>	616	250		BEVEL	BEVEL	RG

LEVELS:
TOP OF INTERNAL ROADS: 225.00m n.m.
TOP OF FOUNDATION: 225.10m
BOTTOM OF STEEL STRUCTURE: 225.15m = ±0.00

PARA

250 S 84003

IZOLÁCIA - Rock wool - WM 105 ZINC Hr: 100 mm
pozinkovaný plech - Hr: 98 mm



CONN TO
A15001/ N7
Y 11138500
X 3031400
EL +227730

As built

SEE ISO
700 A 13001
Y 11139667
X 3030500
EL +225696

CONN TO
A15001/ N8
Y 11138500
X 3029600
EL +227730

89.4°
EL +225546

50X50NPD
EL +225543

SEE ISO
SHT 2

Part No.	Qty [PCS/MM]	NPD [Size]	Component Description
1	2	50X50	TEE, SEAMLESS 60.3*2.9/60.3*2.9, ST37.0, DIN 2615-1
2	6871 MM	50	PIPE, SEAMLESS 60.3*2.9, ST37.0, DIN EN 10220
3	2	50	ELBOW, SEAMLESS, 1,5D 60.3*2.9-89.4, B-ART 3,DIN 2605-1
4	1	50	PIPE GUIDE PSUPPORT

CUT PIPE LENGTH

PIECE NO	LENGTH (MM)	NPD (MM)	REMARKS	END ONE	END TWO	ITEM CODE
<1>	75	50			BEVEL	RN
<2>	1028	50		BEVEL	BEVEL	RN
<3>	772	50		BEVEL	BEVEL	RN
<4>	2123	50		BEVEL	SQ.CUT	RN
<5>	761	50		BEVEL	BEVEL	RN
<6>	2112	50		BEVEL	SQ.CUT	RN

NUR ZUR INFORMATION!
FOR INFORMATION ONLY

2 1 OKL 2005

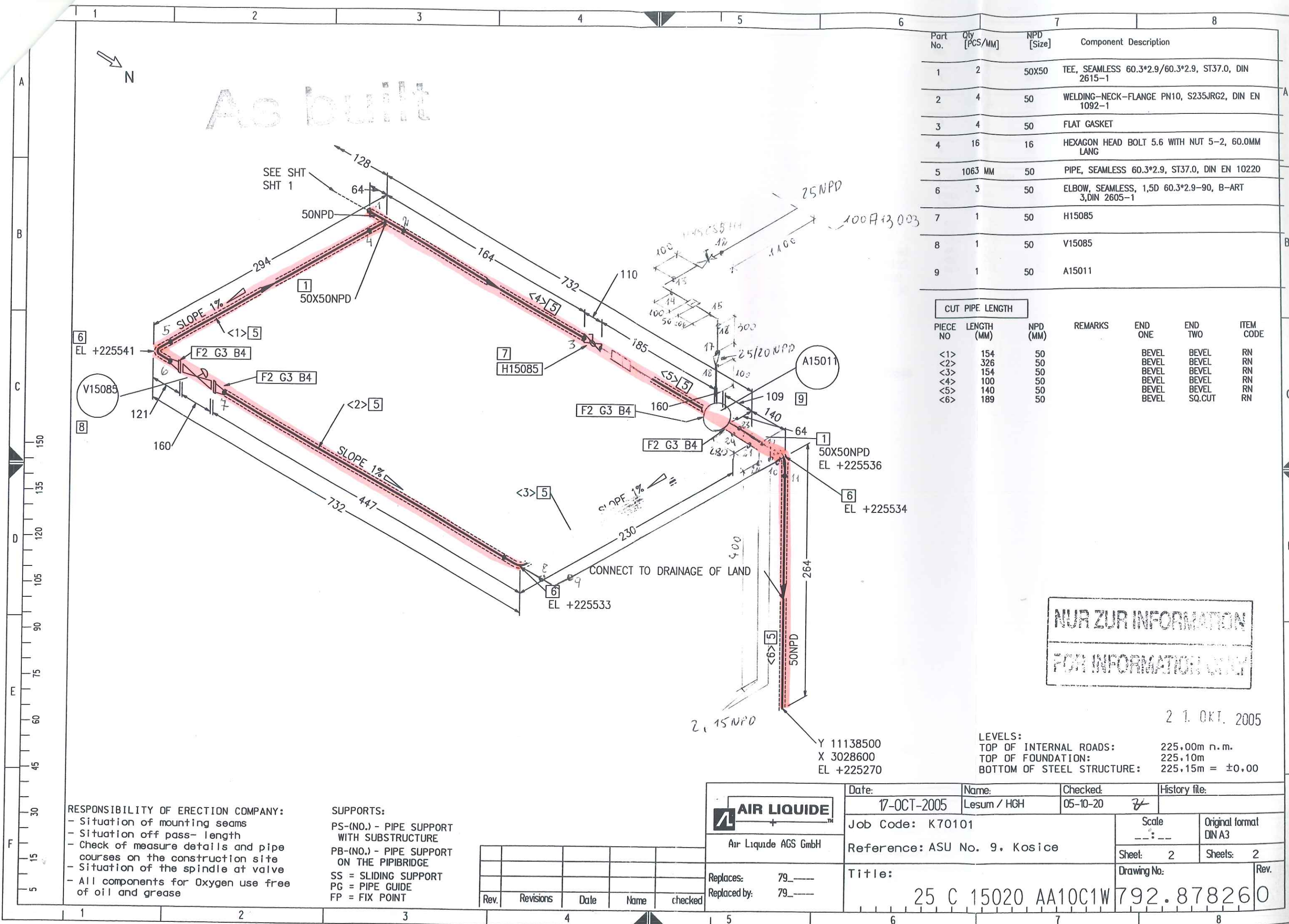
LEVELS:
TOP OF INTERNAL ROADS: 225.00m n.m.
TOP OF FOUNDATION: 225.10m
BOTTOM OF STEEL STRUCTURE: 225.15m = ±0.00

RESPONSIBILITY OF ERECTION COMPANY:
- Situation of mounting seams
- Situation off pass- length
- Check of measure details and pipe courses on the construction site
- Situation of the spindle at valve
- All components for Oxygen use free of oil and grease

SUPPORTS:
PS-(NO.) - PIPE SUPPORT WITH SUBSTRUCTURE
PB-(NO.) - PIPE SUPPORT ON THE PIPEBRIDGE
SS = SLIDING SUPPORT
PG = PIPE GUIDE
FP = FIX POINT

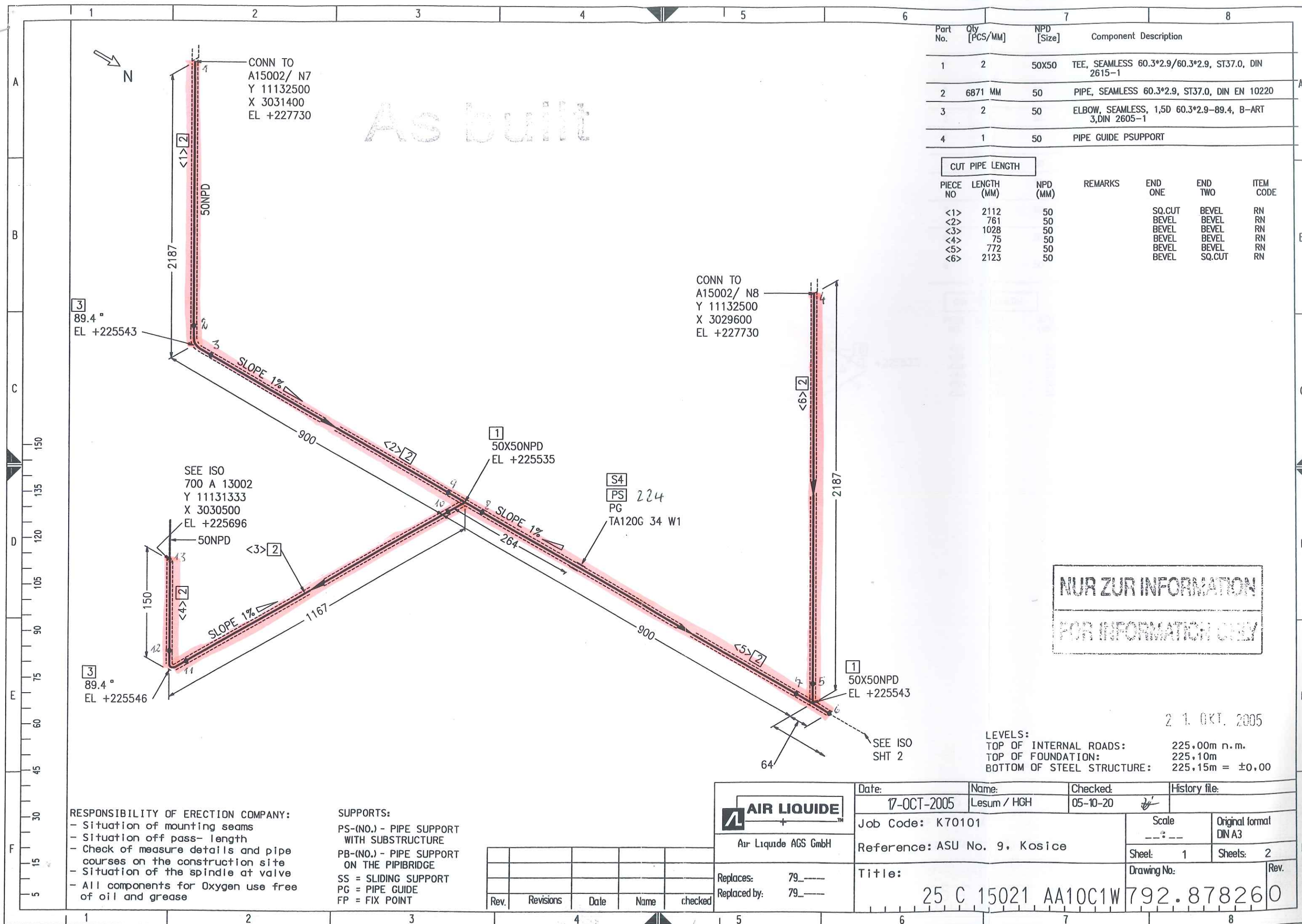
Rev.	Revisions	Date	Name	checked

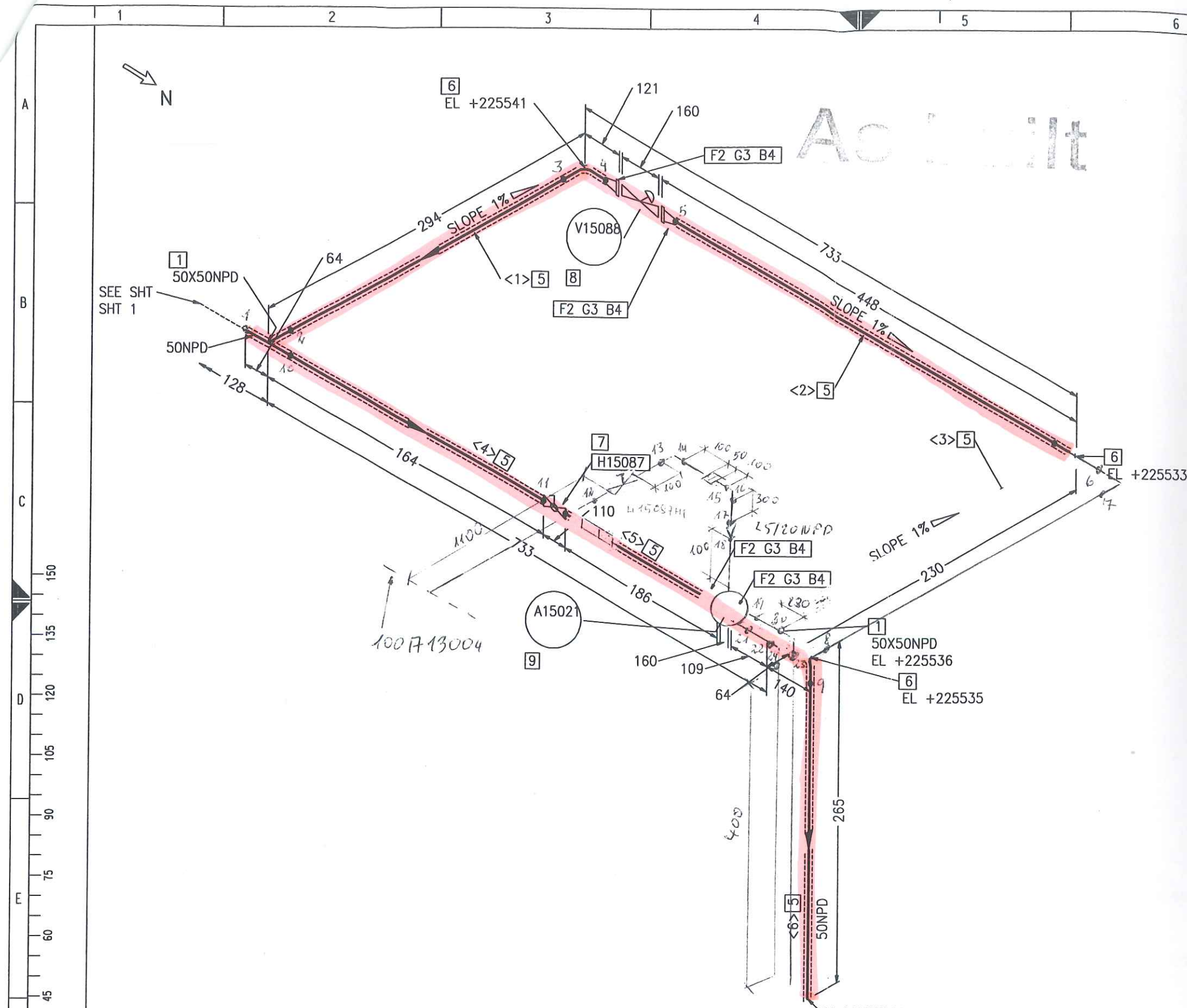
 Air Liquide AGS GmbH	Date: 17-OCT-2005	Name: Lesum / HGH	Checked: 05-10-20	History file:
	Job Code: K70101		Scale: ---:---	Original format: DIN A3
	Reference: ASU No. 9, Kosice		Sheet: 1	Sheets: 2
Replaces: 79_	Title: 25 C 15020 AA10C1W		Drawing No: 792.878260	
Replaced by: 79_			Rev.	



25 C 15020

IZOLÁCIA - ROCKWOOL - WM 105 ZINC Hr. 40mm
pozinkovaný plech - Hr. 0,8 mm





Part No.	Qty [PCS/MM]	NPD [Size]	Component Description
1	2	50X50	TEE, SEAMLESS 60.3*2.9/60.3*2.9, ST37.0, DIN 2615-1
2	4	50	WELDING-NECK-FLANGE PN10, S235JRG2, DIN EN 1092-1
3	4	50	FLAT GASKET
4	16	16	HEXAGON HEAD BOLT 5.6 WITH NUT 5-2, 60.0MM LANG
5	1064 MM	50	PIPE, SEAMLESS 60.3*2.9, ST37.0, DIN EN 10220
6	3	50	ELBOW, SEAMLESS, 1,5D 60.3*2.9-90, B-ART 3, DIN 2605-1
7	1	50	H15087
8	1	50	V15088
9	1	50	A15021

CUT PIPE LENGTH

PIECE NO	LENGTH (MM)	NPD (MM)	REMARKS	END ONE	END TWO	ITEM CODE
<1>	154	50		BEVEL	BEVEL	RN
<2>	327	50		BEVEL	BEVEL	RN
<3>	154	50		BEVEL	BEVEL	RN
<4>	100	50		BEVEL	BEVEL	RN
<5>	141	50		BEVEL	BEVEL	RN
<6>	188	50		BEVEL	SQ.CUT	RN

NUR ZUR INFORMATION
FOR INFORMATION ONLY

RESPONSIBILITY OF ERECTION COMPANY:
 - Situation of mounting seams
 - Situation off pass- length
 - Check of measure details and pipe courses on the construction site
 - Situation of the spindle at valve
 - All components for Oxygen use free of oil and grease

SUPPORTS:
 PS-(NO.) - PIPE SUPPORT WITH SUBSTRUCTURE
 PB-(NO.) - PIPE SUPPORT ON THE PIPEBRIDGE
 SS = SLIDING SUPPORT
 PG = PIPE GUIDE
 FP = FIX POINT

Rev.	Revisions	Date	Name	checked

 Air Liquide AGS GmbH	Date: 17-OCT-2005	Name: Lesum / HGH	Checked: 05-10-20	History file:
	Job Code: K70101		Scale: ---:---	Original format: DIN A3
	Reference: ASU No. 9, Kosice		Sheet: 2	Sheets: 2
Replaces: 79_	Title: 25 C 15021 AA10C1W		Drawing No: 792.878260	
Replaced by: 79_			Rev.	

LEVELS:
 TOP OF INTERNAL ROADS: 225.00m n.m.
 TOP OF FOUNDATION: 225.10m
 BOTTOM OF STEEL STRUCTURE: 225.15m = ±0.00

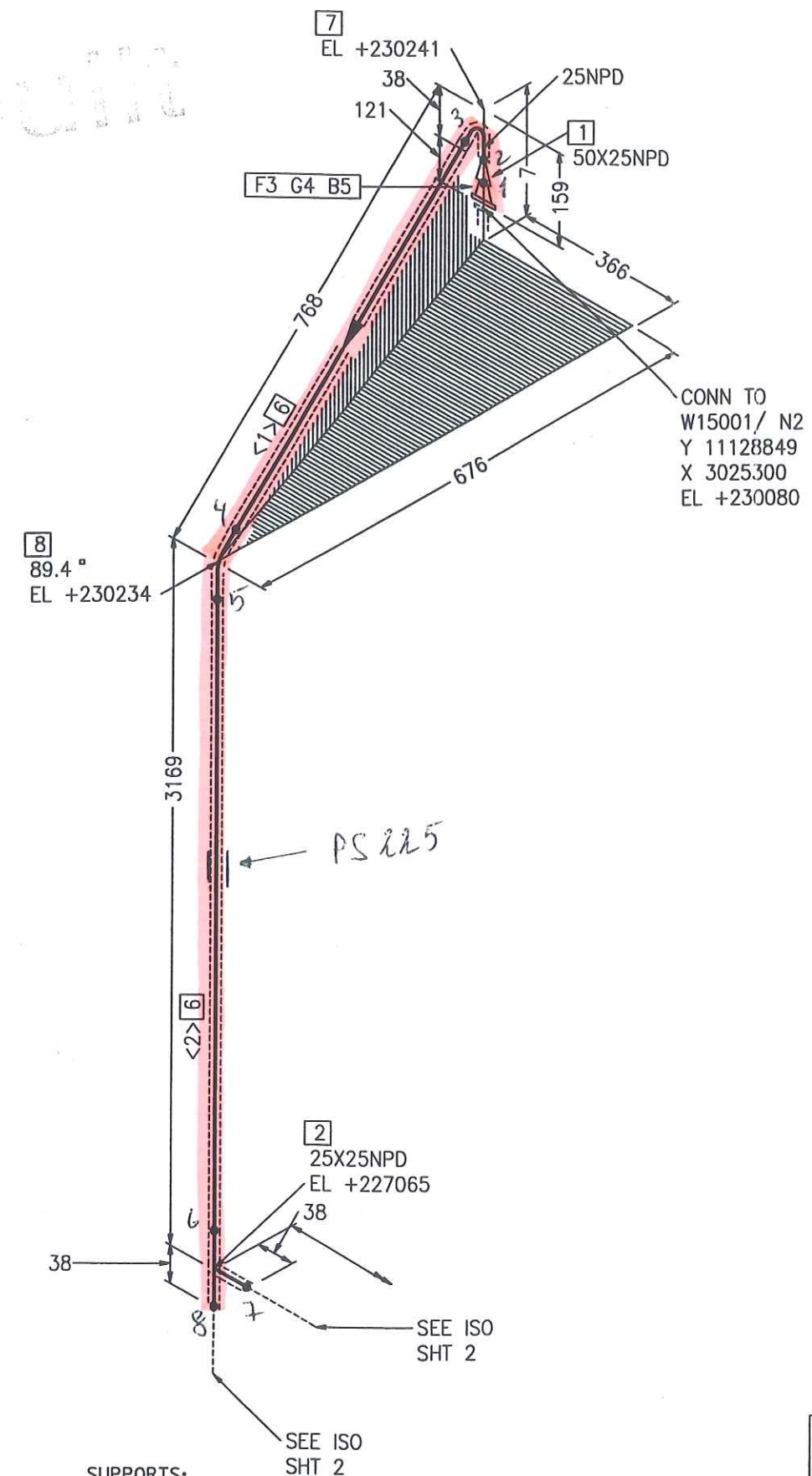
2.1.01.2005

25 C 15021

IZOLÁCIA - ROCKWOOL - WM 105 ZINC Hr: 40mm
pozinkovaný plech - Hr: 0,8mm



AS LUM



RESPONSIBILITY OF ERECTION COMPANY:
- Situation of mounting seams
- Situation off pass- length
- Check of measure details and pipe courses on the construction site
- Situation of the spindle at valve
- All components for Oxygen use free of oil and grease

SUPPORTS:
PS-(NO.) - PIPE SUPPORT WITH SUBSTRUCTURE
PB-(NO.) - PIPE SUPPORT ON THE PIPEBRIDGE
SS = SLIDING SUPPORT
PG = PIPE GUIDE
FP = FIX POINT

Rev.	Revisions	Date	Name	checked

AIR LIQUIDE
Air Liquide AGS GmbH

Replaces: 79____
Replaced by: 79____

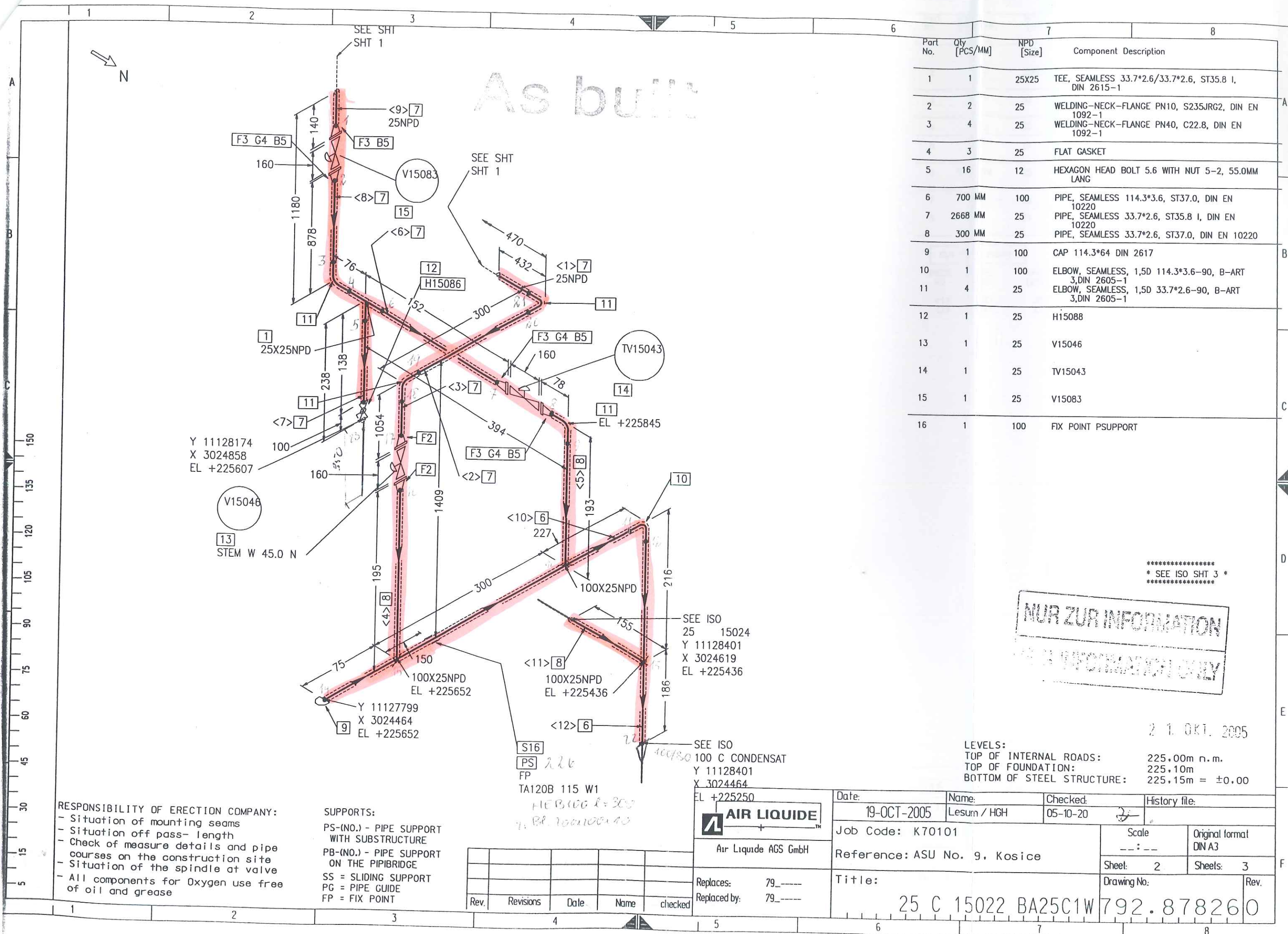
Date:	19-OCT-2005	Name:	Lesum / HGH	Checked:	05-10-20	History file:	
Job Code: K70101				Scale:	1:1	Original format:	DN A3
Reference: ASU No. 9, Kosice				Sheet:	1	Sheets:	3
Title:				25 C 15022 BA25C1W		792.878260	

Part No.	Qty [PCS/MM]	NPD [Size]	Component Description
1	1	50X25	REDUCER, CONCENTRIC, SEAMLESS 60.3*2.9/33.7*2.6, ST35.8 I, DIN 2616-1
2	1	25X25	TEE, SEAMLESS 33.7*2.6/33.7*2.6, ST35.8 I, DIN 2615-1
3	1	50	WELDING-NECK-FLANGE PN40, C22.8, DIN EN 1092-1
4	1	50	FLAT GASKET
5	4	16	HEXAGON HEAD BOLT 5.6 WITH NUT 5-2, 65.0MM LANG
6	3786 MM	25	PIPE, SEAMLESS 33.7*2.6, ST35.8 I, DIN EN 10220
7	1	25	ELBOW, SEAMLESS, 1,5D 33.7*2.6-90, B-ART 3,DIN 2605-1
8	1	25	ELBOW, SEAMLESS, 1,5D 33.7*2.6-89.4, B-ART 3,DIN 2605-1

CUT PIPE LENGTH						
PIECE NO	LENGTH (MM)	NPD (MM)	REMARKS	END ONE	END TWO	ITEM CODE
<1>	693	25		BEVEL	BEVEL	RN
<2>	3093	25		BEVEL	BEVEL	RN

NUR ZUR INFORMATION
FOR INFORMATION ONLY

2.1.2005
LEVELS:
TOP OF INTERNAL ROADS: 225.00m n.m.
TOP OF FOUNDATION: 225.10m
BOTTOM OF STEEL STRUCTURE: 225.15m = ±0.00

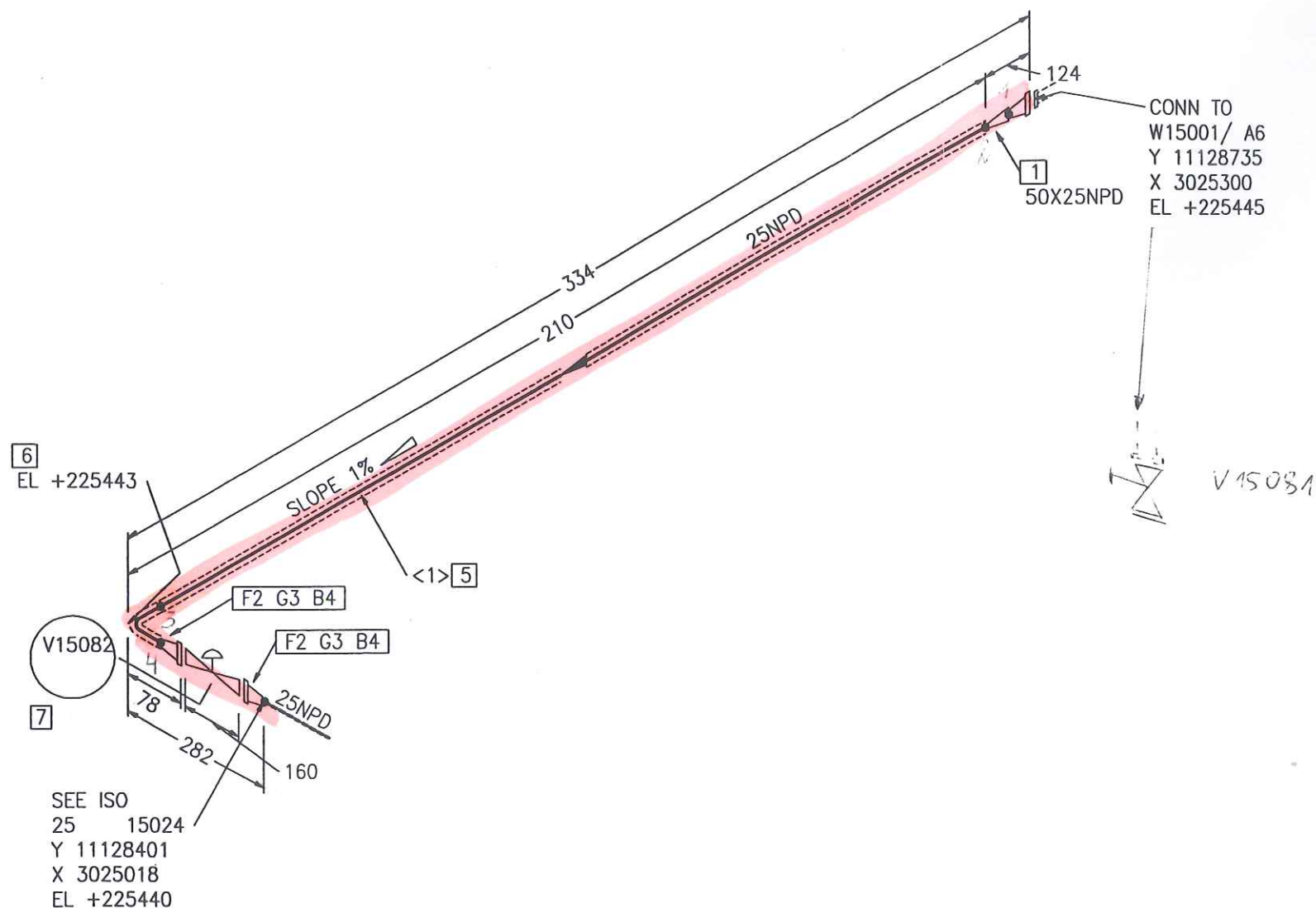


Part No.	Qty [PCS/MM]	NPD [Size]	Component Description
1	1	25X25	TEE, SEAMLESS 33.7*2.6/33.7*2.6, ST35.8 I, DIN 2615-1
2	2	25	WELDING-NECK-FLANGE PN10, S235JRG2, DIN EN 1092-1
3	4	25	WELDING-NECK-FLANGE PN40, C22.8, DIN EN 1092-1
4	3	25	FLAT GASKET
5	16	12	HEXAGON HEAD BOLT 5.6 WITH NUT 5-2, 55.0MM LANG
6	700 MM	100	PIPE, SEAMLESS 114.3*3.6, ST37.0, DIN EN 10220
7	2668 MM	25	PIPE, SEAMLESS 33.7*2.6, ST35.8 I, DIN EN 10220
8	300 MM	25	PIPE, SEAMLESS 33.7*2.6, ST37.0, DIN EN 10220
9	1	100	CAP 114.3*64 DIN 2617
10	1	100	ELBOW, SEAMLESS, 1,5D 114.3*3.6-90, B-ART 3,DIN 2605-1
11	4	25	ELBOW, SEAMLESS, 1,5D 33.7*2.6-90, B-ART 3,DIN 2605-1
12	1	25	H15088
13	1	25	V15046
14	1	25	TV15043
15	1	25	V15083
16	1	100	FIX POINT PSUPPORT

25 C 15022

IZOLÁCIA - ROCKWOOL - WM 105 ZINC Hr: 40mm
pozinkovaný plech - Hr: 0,8mm

As built



SEE ISO
25 15024
Y 11128401
X 3025018
EL +225440

RESPONSIBILITY OF ERECTION COMPANY:
- Situation of mounting seams
- Situation off pass- length
- Check of measure details and pipe courses on the construction site
- Situation of the spindle at valve
- All components for Oxygen use free of oil and grease

SUPPORTS:
PS-(NO.) - PIPE SUPPORT WITH SUBSTRUCTURE
PB-(NO.) - PIPE SUPPORT ON THE PIPIBRIDGE
SS = SLIDING SUPPORT
PG = PIPE GUIDE
FP = FIX POINT

Rev.	Revisions	Date	Name	checked

 Air Liquide AGS GmbH	Date: 17-OCT-2005	Name: Lesum / HGH	Checked: 05-10-20	History file:
	Job Code: K70101			Scale: ---:---
	Reference: ASU No. 9, Kosice			Original format: DIN A3
	Title: 25 C 15024 AA10C1W			Drawing No: 792.878260 Rev. 1

Part No.	Qty [PCS/MM]	NPD [Size]	Component Description
1	1	50X25	REDUCER, CONCENTRIC, SEAMLESS 60.3*2.9/33.7*2.6, ST37.0, DIN 2616-1
2	2	25	WELDING-NECK-FLANGE PN40, C22.8, DIN EN 1092-1
3	2	25	FLAT GASKET
4	8	12	HEXAGON HEAD BOLT 5.6 WITH NUT 5-2, 55.0MM LANG
5	172 MM	25	PIPE, SEAMLESS 33.7*2.6, ST35.8 I, DIN EN 10220
6	1	25	ELBOW, SEAMLESS, 1,5D 33.7*2.6-90, B-ART 3, DIN 2605-1
7	1	25	V15082

CUT PIPE LENGTH						
PIECE NO	LENGTH (MM)	NPD (MM)	REMARKS	END ONE	END TWO	ITEM CODE
<1>	172	25		BEVEL	BEVEL	RN

NUR ZUR INFORMATION

FÜR INFORMATION GIBT

21.01.2005

LEVELS:
TOP OF INTERNAL ROADS: 225.00m n.m.
TOP OF FOUNDATION: 225.10m
BOTTOM OF STEEL STRUCTURE: 225.15m = ±0.00

25 C 15024

IZOLÁCIA - ROCKWOOL - WM 105 ZINC Hr: 40mm
pozinkovaný plech - Hr: 0,8mm

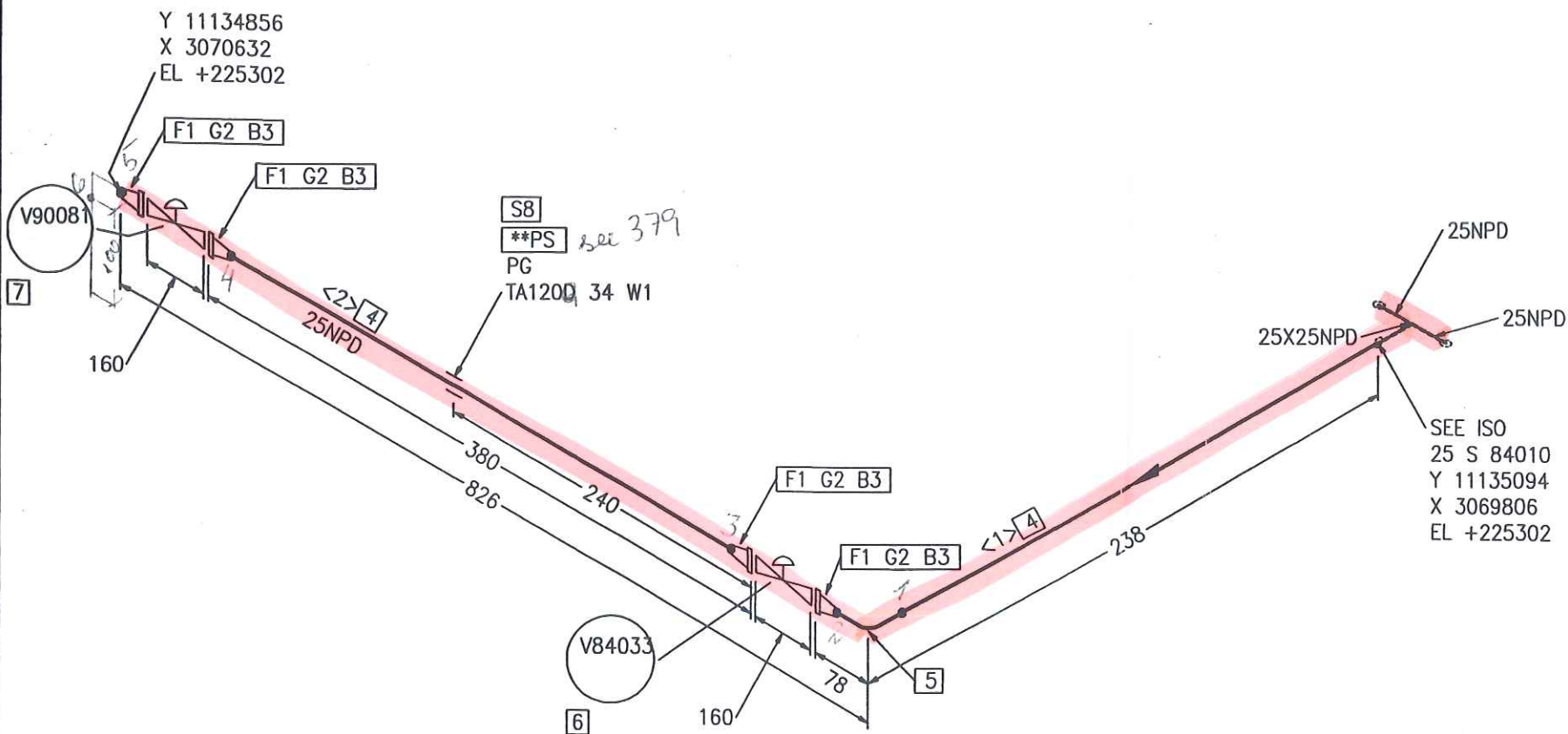
PARA

25 S 04010

IZOLÁCIA - ROCKWOOL - WM 105 ZINC Hr: 60 mm

pozinkovaný plech - Hr: 0,8 mm

As built



Part No.	Qty [PCS/MM]	NPD [Size]	Component Description
1	4	25	WELDING-NECK-FLANGE PN40, C22.8, DIN EN 1092-1
2	4	25	FLAT GASKET
3	16	12	HEXAGON HEAD BOLT 5.6 WITH NUT 5-2, 55.0MM LANG
4	500 MM	25	PIPE, SEAMLESS 33.7*2.6, ST35.8 I, DIN EN 10220
5	1	25	ELBOW, SEAMLESS, 1,5D 33.7*2.6-90, B-ART 3, DIN 2605-1
6	1	25	V84033
7	1	25	V90081
8	1	25	PIPE GUIDE PSUPPORT

CUT PIPE LENGTH

PIECE NO	LENGTH (MM)	NPD (MM)	REMARKS	END ONE	END TWO	ITEM CODE
<1>	200	25		BEVEL	BEVEL	RN
<2>	300	25		BEVEL	BEVEL	RN

NUR ZUR INFORMATION

FOR INFORMATION ONLY

2005.10.17

LEVELS:
 TOP OF INTERNAL ROADS: 225.00m n.m.
 TOP OF FOUNDATION: 225.10m
 BOTTOM OF STEEL STRUCTURE: 225.15m = ±0.00

RESPONSIBILITY OF ERECTION COMPANY:
 - Situation of mounting seams
 - Situation off pass- length
 - Check of measure details and pipe courses on the construction site
 - Situation of the spindle at valve
 - All components for Oxygen use free of oil and grease

SUPPORTS:
 PS-(NO.) - PIPE SUPPORT WITH SUBSTRUCTURE
 PB-(NO.) - PIPE SUPPORT ON THE PIPEBRIDGE
 SS = SLIDING SUPPORT
 PG = PIPE GUIDE
 FP = FIX POINT

Rev.	Revisions	Date	Name	checked
				Zut



Replaces: 79_-----
 Replaced by: 79_-----

Date: 17-OCT-2005	Name: Lesum / HGH	Checked: 05-10-20	History file:
Job Code: K70101	Reference: ASU No. 9, Kosice	Scale: ---:---	Original format: DIN A3
Title: 25 S 84011 BA25C1792.878260	Sheet: 1	Sheets: 1	Rev.

PARA

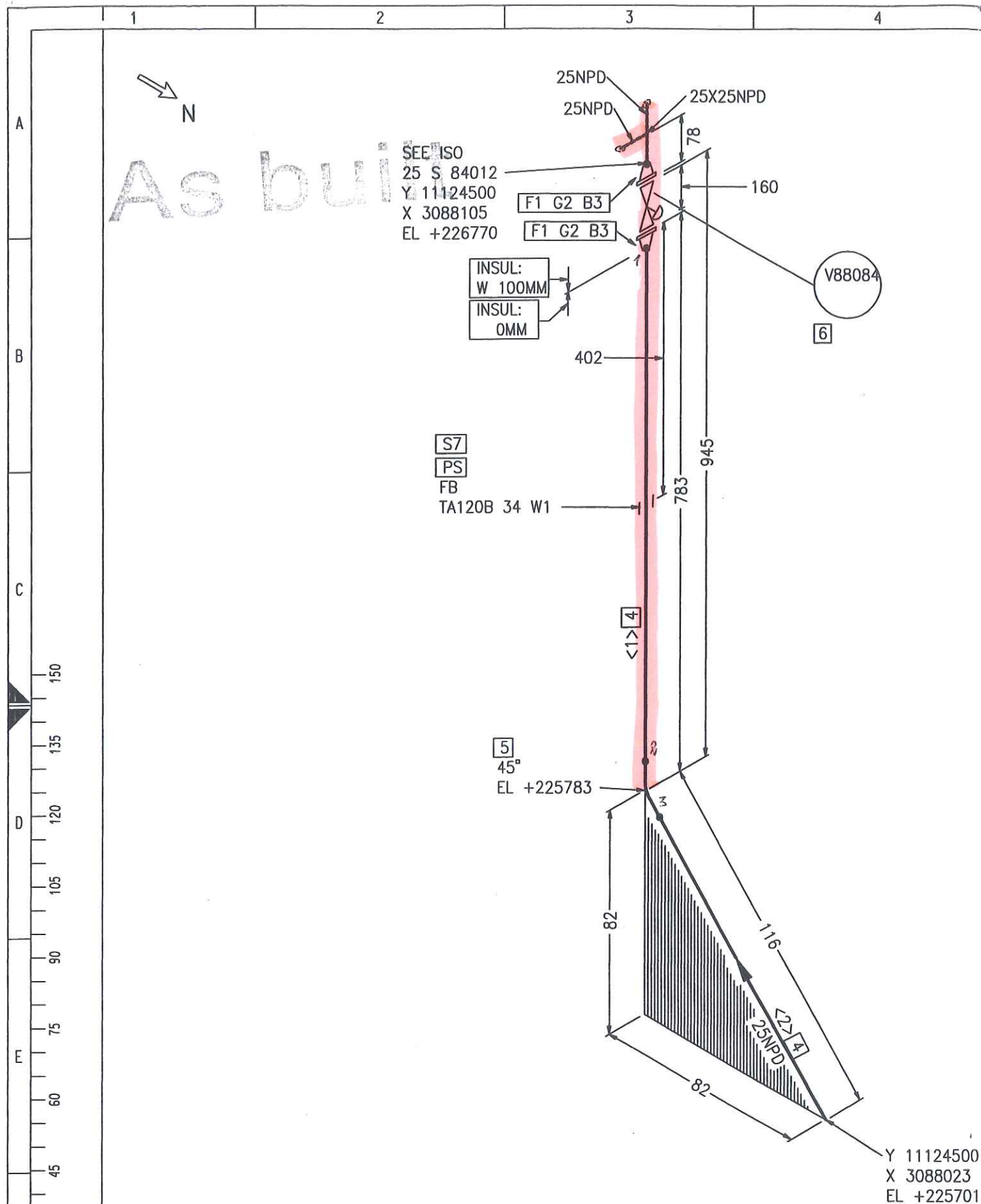
25 S 84011

IZOLÁCIA - ROCKWOOL - WM 105 ZINC Hr: 60mm
pozinkovaný plech - Hr: 0,8mm

Para 25 S 84012

IZOLÁCIA - Rockwool WM 105 ZINC Hr. 60mm.

pozinkovaný plech Hr. 0,8mm



RESPONSIBILITY OF ERECTION COMPANY:

- Situation of mounting seams
- Situation off pass- length
- Check of measure details and pipe courses on the construction site
- Situation of the spindle at valve
- All components for Oxygen use free of oil and grease

SUPPORTS:

PS-(NO.) - PIPE SUPPORT WITH SUBSTRUCTURE

PB-(NO.) - PIPE SUPPORT ON THE PIPEBRIDGE

SS = SLIDING SUPPORT

PG = PIPE GUIDE

FP = FIX POINT

Rev.	Revisions	Date	Name	checked



Replaces: 79_

Replaced by: 79_

Date: 17-OCT-2005	Name: Lesum / HGH	Checked: 05-10-20	History file:
Job Code: K70101		Scale: 1:1	Original format: DIN A3
Reference: ASU No. 9, Kosice		Sheet: 1	Sheets: 1
Title: 25 S 84013 BA25C1W		Drawing No: 792.878260	Rev.

Part No.	Qty [PCS/MM]	NPD [Size]	Component Description
1	2	25	WELDING-NECK-FLANGE PN40, C22.8, DIN EN 1092-1
2	2	25	FLAT GASKET
3	8	12	HEXAGON HEAD BOLT 5.6 WITH NUT 5-2, 55.0MM LANG
4	827 MM	25	PIPE, SEAMLESS 33.7*2.6, ST37.0, DIN EN 10220
5	1	25	ELBOW, SEAMLESS, 1,5D 33.7*2.6-45, B-ART 3,DIN 2605-1
6	1	25	V88084
7	1	25	FIX POINT PSSUPPORT

CUT PIPE LENGTH

PIECE NO	LENGTH (MM)	NPD (MM)	REMARKS	END ONE	END TWO	ITEM CODE
<1>	727	25		BEVEL	BEVEL	RN
<2>	100	25		BEVEL	SQ.CUT	RN

NUR ZUR INFORMATION

FOR INFORMATION ONLY

1.1.01.2005

LEVELS:

TOP OF INTERNAL ROADS: 225.00m n.m.

TOP OF FOUNDATION: 225.10m

BOTTOM OF STEEL STRUCTURE: 225.15m = ±0.00

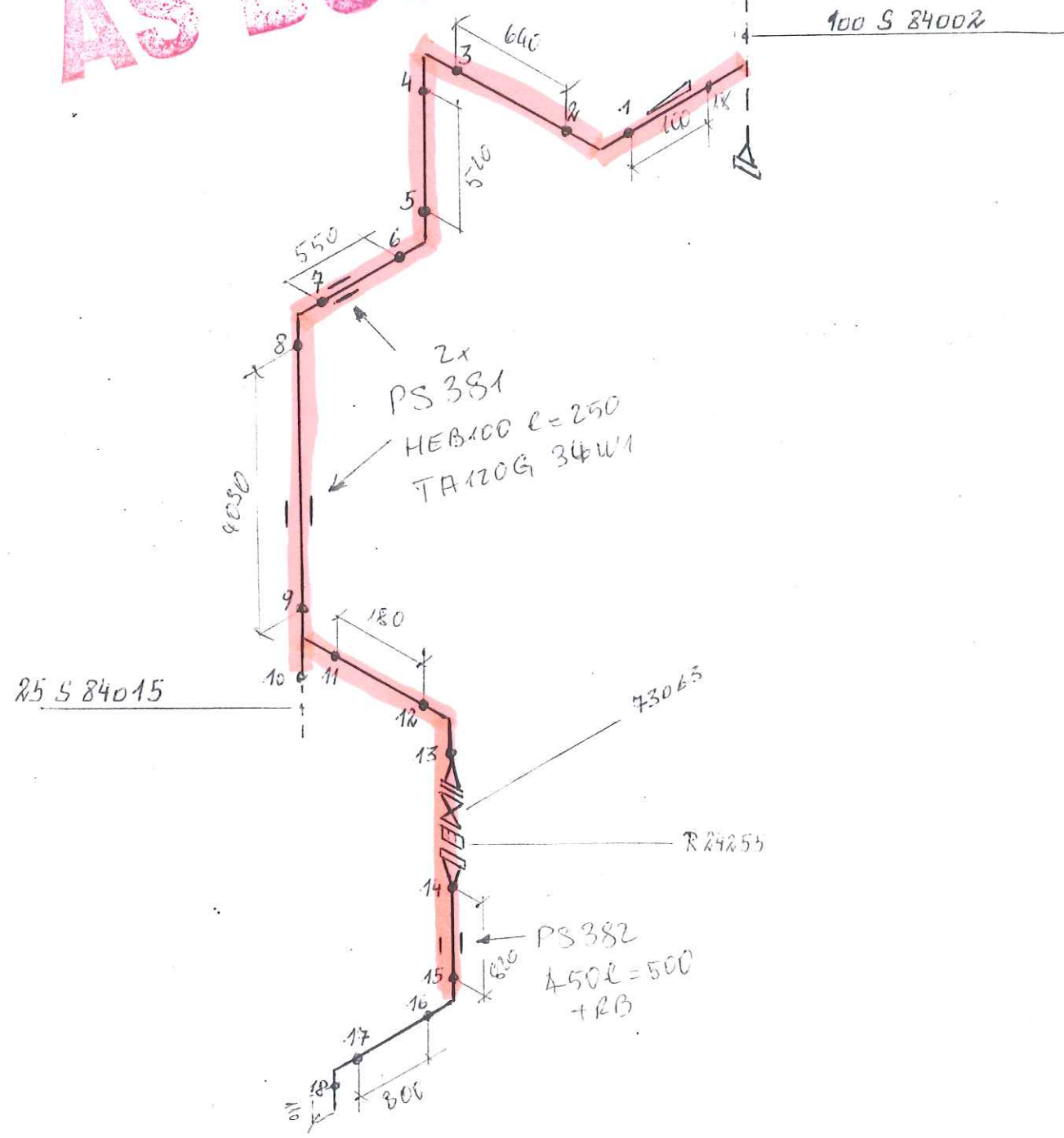
PARA

25 S 84013

IZOLÁCIA - ROCKWOOL WIM 105 ZINC Hr. 60mm

pozinkovaný plech - Hr. 0,8mm

AS BUILT



LEVELS:
 TOP OF INTERNAL ROADS: 225.00m n.m.
 TOP OF FOUNDATION: 225.10m
 BOTTOM OF STEEL STRUCTURE: 225.15m = ±0.00

RESPONSIBILITY OF ERECTION COMPANY:

- Situation of mounting seams
- Situation off pass- length
- Check of measure details and pipe courses on the construction site
- Situation of the spindle at valve
- All components for Oxygen use free of oil and grease

SUPPORTS:

PS-(NO.) - PIPE SUPPORT WITH SUBSTRUCTURE

PB-(NO.) - PIPE SUPPORT ON THE PIPIBRIDGE

SS = SLIDING SUPPORT

PG = PIPE GUIDE

FP = FIX POINT

Rev.	Revisions	Date	Name	checked
-C				
-B				
-A				

 Air Liquide AGS GmbH	Date:	23-JUN-2005	Name:	Lesum / HGH	Checked:	05-07-11	History file:	
	Job Code: K70101				Scale:	---	Original format DIN A3	
	Reference: ASU No. 9, Kosice				Sheet:	1	Sheets: 1	
	Title:				Drawing No:		Rev.	
Replaces: 79_---- Replaced by: 79_----	25 S 84014 B.A.25C4				792.8782600			

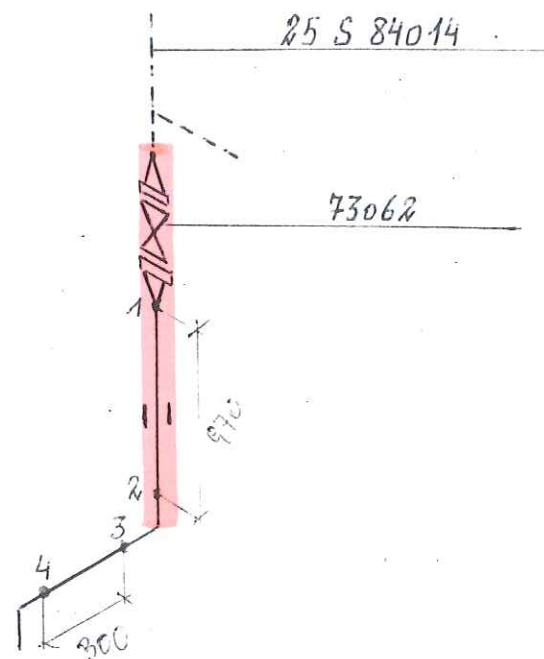
PARA

25 S 84014

IZOLÁCIA — ROCKWOOL WM 105 ZINC Hr. 60 mm

pozinkovaný plech Hr. 0,8 mm

AS BUILT



LEVELS:
 TOP OF INTERNAL ROADS: 225.00m n.m.
 TOP OF FOUNDATION: 225.10m
 BOTTOM OF STEEL STRUCTURE: 225.15m = ± 0.00

RESPONSIBILITY OF ERECTION COMPANY:
 - Situation of mounting seams
 - Situation off pass- length
 - Check of measure details and pipe courses on the construction site
 - Situation of the spindle at valve
 - All components for Oxygen use free of oil and grease

SUPPORTS:
 PS-(NO.) - PIPE SUPPORT WITH SUBSTRUCTURE
 PB-(NO.) - PIPE SUPPORT ON THE PIPEBRIDGE
 SS = SLIDING SUPPORT
 PG = PIPE GUIDE
 FP = FIX POINT

Rev.	Revisions	Date	Name	checked
C				
B				
A				

 Air Liquide AGS GmbH	Date:	23-JUN-2005	Name:	Lesum / HGH	Checked:	05-07-11	History file:	
	Job Code: K70101						Scale	Original format
	Reference: ASU No. 9. Kosice						Sheet: 1	Sheets: 1
	Title:						Drawing No:	
Replaces: 79_--- Replaced by: 79_---						25 S 84015 BA 25C 1 792.8782600		

PARA

25 S 84015

IZOLÁCIA - ROCKWOOL WM 105 ZINC Hr: 60mm
pozinkovaný plech Hr: 0,8 mm

Date:	Name:	Checked:	History file:
17-OCT-2005	Lesum / HGH	05-10-20 <i>HA</i>	
Job Code: K70101		Scale --:--	Original format DIN A3
Reference: ASU No. 9, Kosice		Sheet: 1	Sheets: 1
Title:		Drawing No:	Rev.
25 S 84018 BA25C1W		792.878260	0

PARA

25 S 84018

IZOLÁCIA — ROCKWOOL WM 105 ZINC Hr. 60mm

pozinkovaný plech — Hr: 0,8mm

PARA

25 S 84019

IZOLÁCIA - ROCKWOOL WM 105 ZINC Hr. 60mm
pozinkovaný plech - 0,8mm

As built

Y 11137135
X 3070632
EL +225302

F1 G2 B3

F1 G2 B3

S8

PS

PG

TA120D 34 W1

V90085

7

160

<2> 4

380

240

F1 G2 B3

F1 G2 B3

V90083

6

160

78

5

<1> 4

238

25NPD
25X25NPD
25NPD

SEE ISO
25 S 90007
Y 11137373
X 3069806
EL +225302

Part No.	Qty [PCS/MM]	NPD [Size]	Component Description
1	4	25	WELDING-NECK-FLANGE PN40, C22.8, DIN EN 1092-1
2	4	25	FLAT GASKET
3	16	12	HEXAGON HEAD BOLT 5.6 WITH NUT 5-2, 55.0MM LANG
4	500 MM	25	PIPE, SEAMLESS 33.7*2.6, ST35.8 I, DIN EN 10220
5	1	25	ELBOW, SEAMLESS, 1,5D 33.7*2.6-90, B-ART 3,DIN 2605-1
6	1	25	V90083
7	1	25	V90085
8	1	25	PIPE GUIDE PSUPPORT

CUT PIPE LENGTH

PIECE NO	LENGTH (MM)	NPD (MM)	REMARKS	END ONE	END TWO	ITEM CODE
<1>	200	25		BEVEL	BEVEL	RN
<2>	300	25		BEVEL	BEVEL	RN

NUR ZUR INFORMATION

FOR INFORMATION ONLY

21.05.2005

LEVELS:
TOP OF INTERNAL ROADS: 225.00m n.m.
TOP OF FOUNDATION: 225.10m
BOTTOM OF STEEL STRUCTURE: 225.15m = ±0.00

RESPONSIBILITY OF ERECTION COMPANY:

- Situation of mounting seams
- Situation off pass- length
- Check of measure details and pipe courses on the construction site
- Situation of the spindle at valve
- All components for Oxygen use free of oil and grease

SUPPORTS:

PS-(NO.) - PIPE SUPPORT WITH SUBSTRUCTURE
PB-(NO.) - PIPE SUPPORT ON THE PIPEBRIDGE
SS = SLIDING SUPPORT
PG = PIPE GUIDE
FP = FIX POINT

AIR LIQUIDE

Air Liquide AGS GmbH

Replaces: 79____
Replaced by: 79____

Rev.	Revisions	Date	Name	checked

Date: 17-OCT-2005	Name: Lesum / HGH	Checked: 05-10-20	History file:
Job Code: K70101	Reference: ASU No. 9, Kosice	Title: 25 S 90008 BA25C1	Scale: 1:1
Replaces: 79____	Replaced by: 79____	Drawing No: 1792.878260	Original format: DIN A3
			Sheets: 1
			Rev. 1

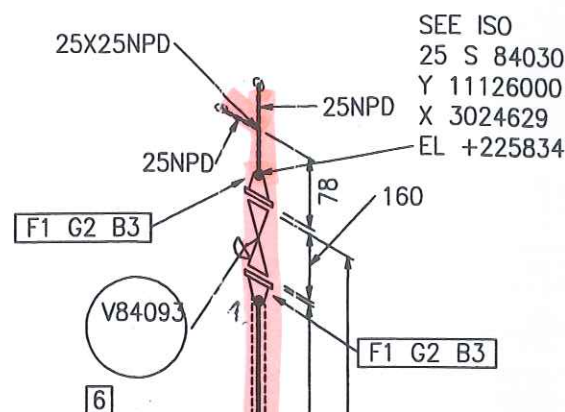
PARA

25S 90008

IZOLÁCIA - ROCKWOOL WM 105 ZINC Hr: 60mm

pozinkovaný plech - Hr. 0,8 mm

As built



Y 11125612
X 3024629
EL +225328

<2> 4
25NPD

SLOPE 1%

89.4°
EL +225332

388

RESPONSIBILITY OF ERECTION COMPANY:
- Situation of mounting seams
- Situation off pass- length
- Check of measure details and pipe courses on the construction site
- Situation of the spindle at valve
- All components for Oxygen use free of oil and grease

SUPPORTS:
PS-(NO.) - PIPE SUPPORT WITH SUBSTRUCTURE
PB-(NO.) - PIPE SUPPORT ON THE PIPEBRIDGE
SS = SLIDING SUPPORT
PG = PIPE GUIDE
FP = FIX POINT

Rev.	Revisions	Date	Name	checked

 Air Liquide AGS GmbH	Date:	17-OCT-2005	Name:	Lesum / HGH	Checked:	05-10-20	History file:
	Job Code: K70101				Scale:	Original format DIN A3	
	Reference: ASU No. 9. Kosice				Sheet:	1	Sheets: 1
	Title:				Drawing No:		
Replaces: 79_--- Replaced by: 79_---				25 S 84031 BA25C1W 792.878260			

Part No.	Qty [PCS/MM]	NPD [Size]	Component Description
1	2	25	WELDING-NECK-FLANGE PN40, C22.8, DIN EN 1092-1
2	2	25	FLAT GASKET
3	8	12	HEXAGON HEAD BOLT 5.6 WITH NUT 5-2, 55.0MM LANG
4	570 MM	25	PIPE, SEAMLESS 33.7*2.6, ST35.8 I, DIN EN 10220
5	1	25	ELBOW, SEAMLESS, 1,5D 33.7*2.6-89.4, B-ART 3, DIN 2605-1
6	1	25	V84093

CUT PIPE LENGTH			REMARKS	END ONE	END TWO	ITEM CODE
PIECE NO	LENGTH (MM)	NPD (MM)				
<1>	220	25		BEVEL	BEVEL	RN
<2>	350	25		BEVEL	SQ.CUT	RN

NUR ZUR INFORMATION

FÜR INFORMATION ONLY

2.1.2005

LEVELS:
TOP OF INTERNAL ROADS: 225.00m n.m.
TOP OF FOUNDATION: 225.10m
BOTTOM OF STEEL STRUCTURE: 225.15m = ±0.00

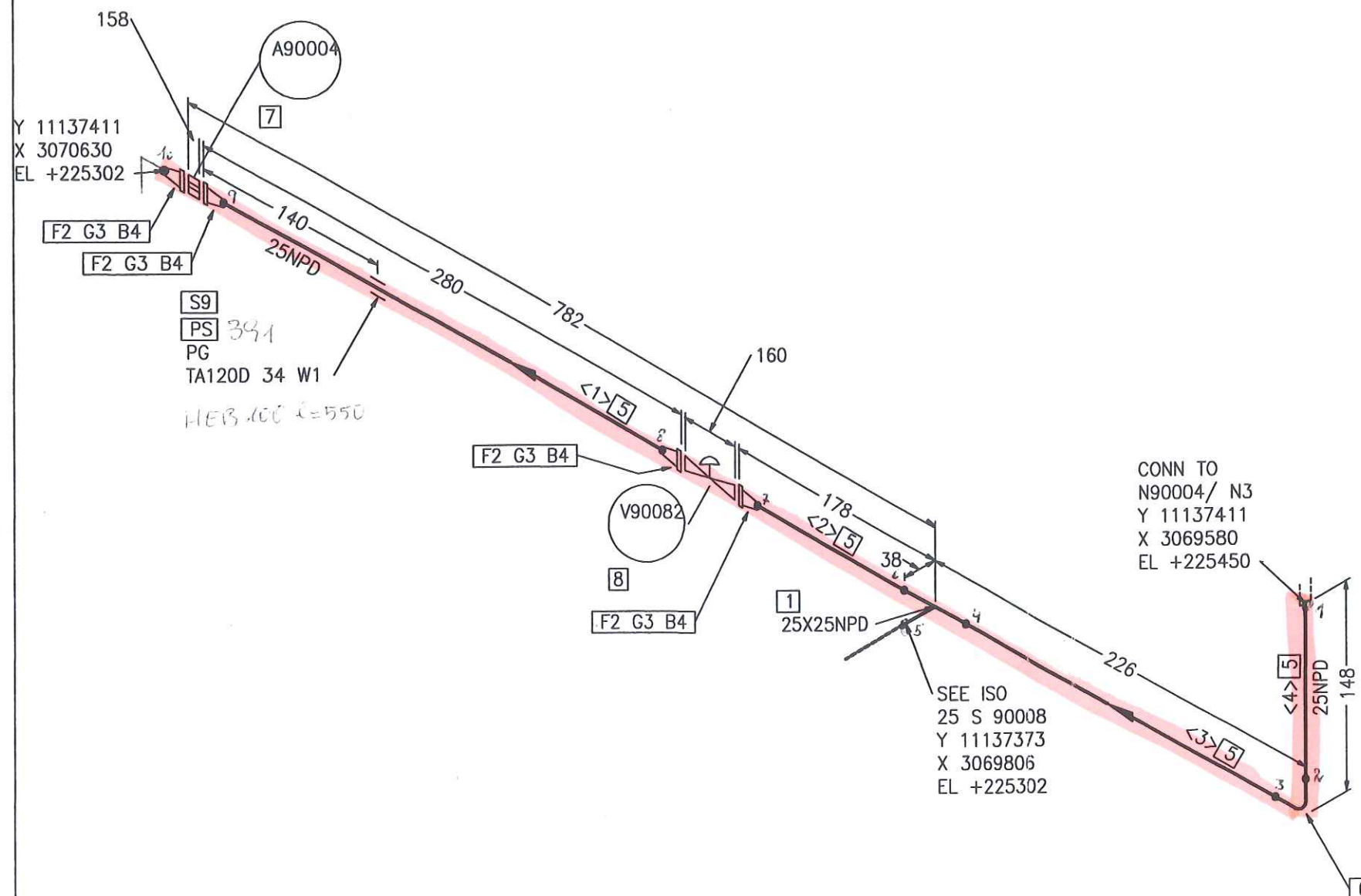
PARA

25 S 84031

IZOLÁCIA - ROCK WOOL WM 105 ZINC Hr: 60mm

pozinkovaný plech - Hr: 0,8mm

As built



Part No.	Qty [PCS/MM]	NPD [Size]	Component Description
1	1	25X25	TEE, SEAMLESS 33.7*2.6/33.7*2.6, ST35.8 I, DIN 2615-1
2	4	25	WELDING-NECK-FLANGE PN40, C22.8, DIN EN 1092-1
3	4	25	FLAT GASKET
4	16	12	HEXAGON HEAD BOLT 5.6 WITH NUT 5-2, 55.0MM LANG
5	560 MM	25	PIPE, SEAMLESS 33.7*2.6, ST35.8 I, DIN EN 10220
6	1	25	ELBOW, SEAMLESS, 1,5D 33.7*2.6-90, B-ART 3,DIN 2605-1
7	1	25	A90004
8	1	25	V90082
9	1	25	PIPE GUIDE PSUPPORT

CUT PIPE LENGTH

PIECE NO	LENGTH (MM)	NPD (MM)	REMARKS	END ONE	END TWO	ITEM CODE
<1>	200	25		BEVEL	BEVEL	RN
<2>	100	25		BEVEL	BEVEL	RN
<3>	150	25		BEVEL	BEVEL	RN
<4>	110	25		BEVEL	SQ.CUT	RN

CONN TO
N90004/ N3
Y 11137411
X 3069580
EL +225450

SEE ISO
25 S 90008
Y 11137373
X 3069806
EL +225302

NUR ZUR INFORMATION
FOR INFORMATION ONLY

21.10.2005

LEVELS:
TOP OF INTERNAL ROADS: 225.00m n.m.
TOP OF FOUNDATION: 225.10m
BOTTOM OF STEEL STRUCTURE: 225.15m = ±0.00

RESPONSIBILITY OF ERECTION COMPANY:
- Situation of mounting seams
- Situation off pass- length
- Check of measure details and pipe courses on the construction site
- Situation of the spindle at valve
- All components for Oxygen use free of oil and grease

SUPPORTS:
PS-(NO.) - PIPE SUPPORT WITH SUBSTRUCTURE
PB-(NO.) - PIPE SUPPORT ON THE PIPIBRIDGE
SS = SLIDING SUPPORT
PG = PIPE GUIDE
FP = FIX POINT

AIR LIQUIDE
Air Liquide AGS GmbH

Date: 17-OCT-2005	Name: Lesum / HGH	Checked: 05-10-20	History file:
Job Code: K70101	Reference: ASU No. 9, Kosice	Title: 25 90007 BA25C1	Scale: 1:1
Replaces: 79_	Replaced by: 79_	Drawing No: 792.878260	Original format: DIN A3
Rev.	Revisions	Date	Name
checked			

PARA

25 S 90007

IZOLÁCIA — ROCKWOOL XIM 105 ZINC Hr: 60mm

pozinkovaný plech — Hr: 98mm

PARA

25 S 84030

IZOLÁCIA — ROCKWOOL WM 105 ZINC Hr: 60mm

pozinkovaný plech - Hr: 0,8mm

Rec. 0000774

Welding No.	DN	φ	Welder No.	Protoc No.
001	200	219,1		
002	200	219,1		
003	200	219,1		
004	200	219,1		
005	200	219,1		
006	200	219,1		
007	200	219,1		
008	200	219,1		
009	200	219,1		
010	200	219,1		
011	200	219,1		
012	150	168,3		
013	100	114,3		
014	200	219,1		
015	200	219,1		
016	100	114,3		
017	150	168,3		

Remarks:

Responsibility of the assembling company:

- Situation of mounting seams
- Situation of pass-lengths
- Check of measure details and pipe courses on the construction site
- Situation of the spindle at valve

Accompanying drawings:

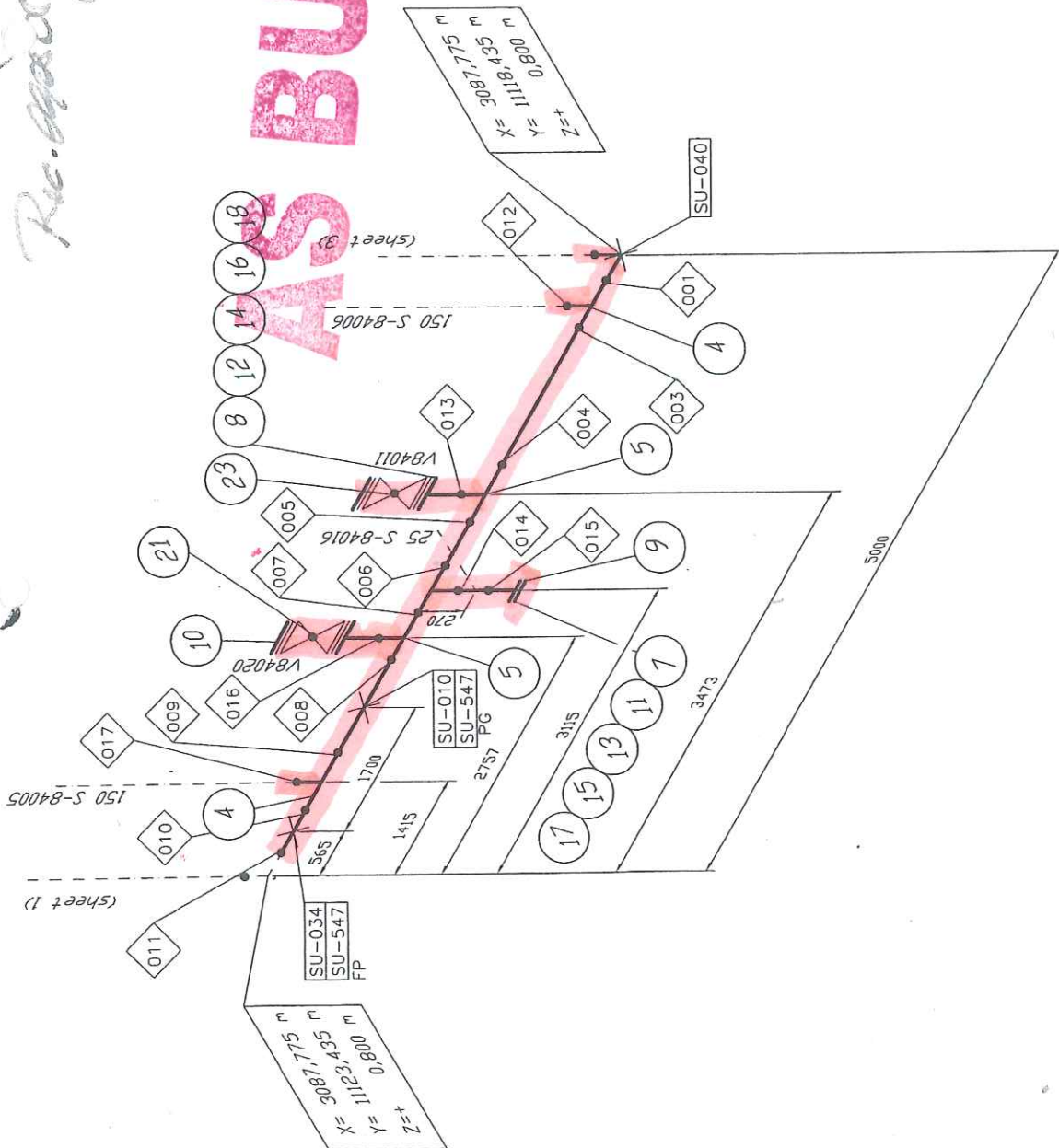
- 200 S-84001_001
- 200 S-74001_003
- 150 S-84005
- 150 S-84006

Accompanying lists:

- Parts list:
200 S-84001

Pipe Standard:

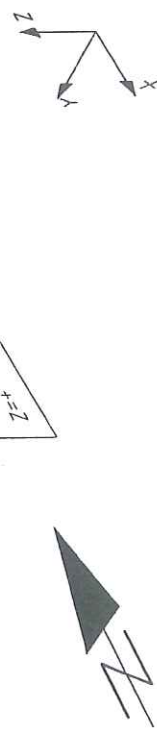
- AL Standard No.:
50034 / BA25C1



Rev.	Revisions	Date	Name	proved
H	00.00.00			
G	22.04.05	WIP/Rad.		
F	13.04.05	WIP/Rad.		
E	07.04.05	WIP/Rad.		
D	21.03.05	WIP/Rad.		
C	01.03.05	WIP/Rad.		
B	20.01.05	WIP/Rad.		
A	17.12.05	WIP/Rad.		

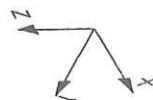
Date :	09.12.2004	Name :	WIP/Rad.	History file:	79287106.doc
Job code:	K70101	Scale	---	Original format	DIN A3
Reference:	ASU Kosice	Sheet:	002	of 003	Sheets
Title:	200 S-84001	Drawing No.:	792.87106	Rev.	G

50034 / BA25C1



Rec. 2000/11

AIR LIQUIDE		Date :		Name :		Checked:		History file:	
		09.12.2004		WIP/Rad.		-		79287106.doc	
Air Liquide AGS GmbH		Job code:		K70101		Scale --:-- Original format DIN A3			
		Reference:		ASU Kosice					
		Title:		200 S-84001		Sheet: 001 of 003 Sheets		Rev.	
Replaces: 79-----						Drawing No.:		792.87106	
Replaced by: 79-----								G	



Rev	H	00.00.00	
Revisions	G	22.04.05	W/P/Rad.
	F	13.04.05	W/P/Rad.
	E	07.04.05	W/P/Rad.
	D	22.03.05	W/P/Rad.
	C	01.03.05	W/P/Rad.
	B	20.01.05	W/P/Rad.
	A	17.12.05	W/P/Rad.
Rev			
Revisions			
Date			
Name			
proved			

- Responsibility of the assembling company:
- Situation of mounting seams
- Situation of pass-lengths
- Check of measure details and pipe courses on the construction site
- Situation of the spindle at valve

- 200 S-84001_002

- Parts list:
200 S-84001

- AL Standard No.:
50034 / BA25C1

0

Date :	Name :	Checked:	History file:
09.12.2004	WIP/Rad.	—	79287106.doc
Job code: K70101		Scale —:—:—	
Reference: ASU Kosice		Original format DIN A3	
		Sheet: 003	of 003 Sheets
Title:		Drawing No.: Rev.	
200 S-84001		792.87106 G	

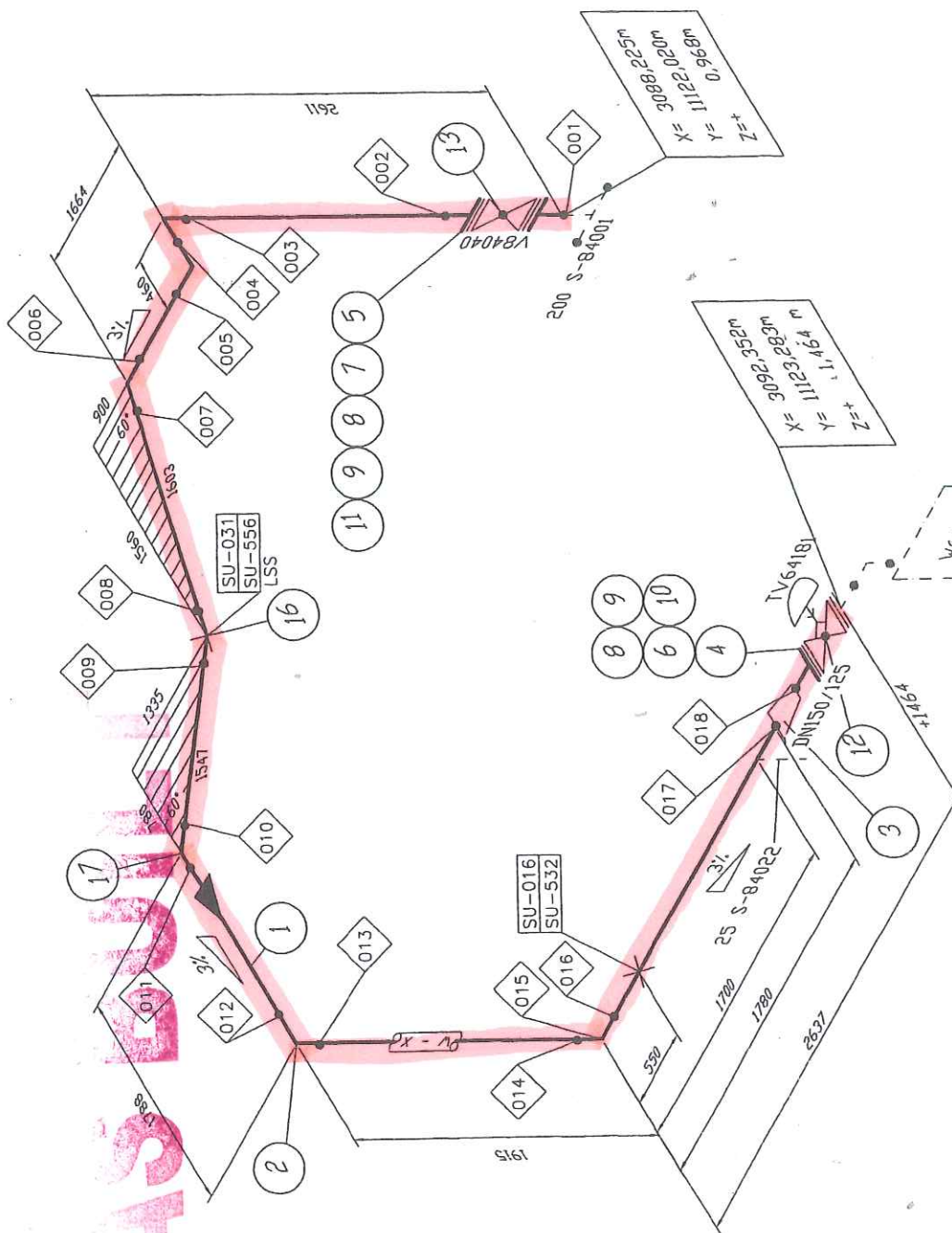
200 S-84001

792.87106

Para - 200 S-84001

izol. Rockwool WM 105 ZINC HR. - 100 mm

Pozink. plech HR - 0,8 mm



Remarks:

- Responsibility of the assembling company:
- Situation of mounting seams
 - Situation of pass-lengths
 - Check of measure details and pipe courses on the construction site
 - Situation of the spindle at valve

Accompanying drawings:

- 25 S-84022
- 200 S-84001

Accompanying lists:

- Parts list:
150 S-84005

Pipe Standard:

- AL Standard No.:
50034 / BA25C1

Rev.	Revisions	Date	Name	proved
E	05.04.05	WIP/Rad		
D	22.03.05	WIP/Rad		
C	02.03.05	WIP/Rad		
B	21.03.05	WIP/Rad		
A	16.12.05	WIP/Rad		

Checked:	History file:
08.12.2004	79287106.doc

Scale	Original format
1:1	DIN A3

Sheet	of	001	Sheets
001	001	001	001

Drawing No.:	Rev.
792.87106	E

Title:
150 S-84005

Job code: K70101

Reference: ASU Kosice

Replaces: 79_

Replaced by: 79_



Air Liquide ACS GmbH

Replaces: 79_

Replaced by: 79_

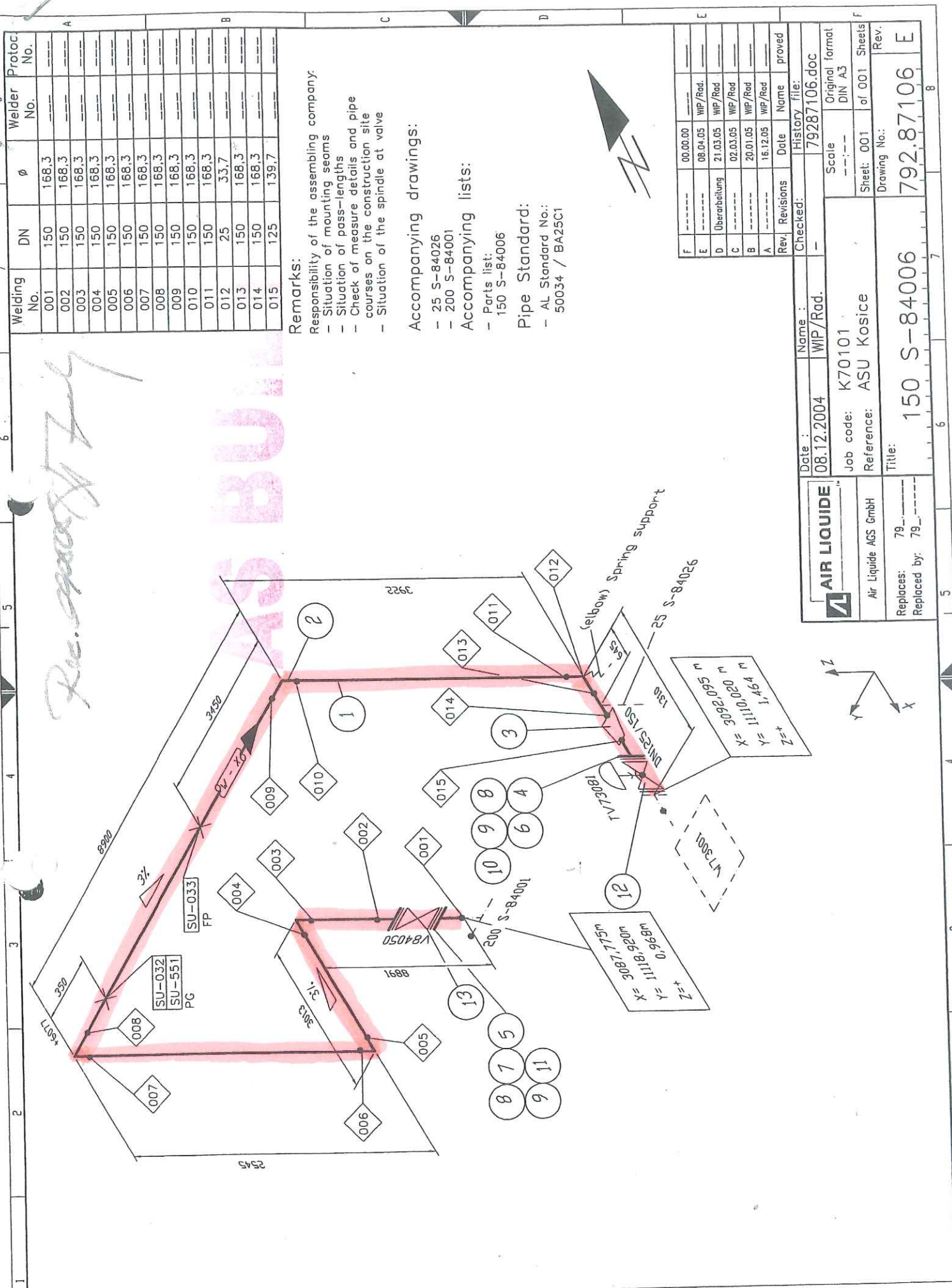
Para - 150 S - 84005

izol. Rockwool WM 105 ZINC HR - 100 mm

Pozink. plech HR - 0,8 mm

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150 135 120 105 90 75 60 45 30 15 5



Welding No.	DN	Ø	Welder No.	Protoc. No.
001	150	168.3		
002	150	168.3		
003	150	168.3		
004	150	168.3		
005	150	168.3		
006	150	168.3		
007	150	168.3		
008	150	168.3		
009	150	168.3		
010	150	168.3		
011	150	168.3		
012	25	33.7		
013	150	168.3		
014	150	168.3		
015	125	139.7		

Remarks:

- Responsibility of the assembling company:
- Situation of mounting seams
 - Situation of pass-lengths
 - Check of measure details and pipe courses on the construction site
 - Situation of the spindle at valve

Accompanying drawings:

- 25 S-84026
- 200 S-84001

Accompanying lists:

- Parts list:
150 S-84006

Pipe Standard:

- AL Standard No.:
50034 / BA25C1



Rev.	Revisions	Date	Name	proved
F	00.00.00			
E	08.04.05		WIP/Rad.	
D	Überarbeitung	21.03.05	WIP/Rad.	
C		02.03.05	WIP/Rad.	
B		20.01.05	WIP/Rad.	
A		16.12.05	WIP/Rad.	

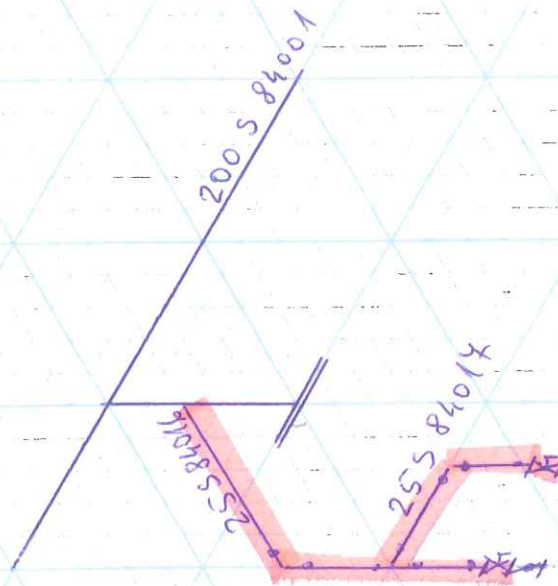
Date :	08.12.2004	Name :	WIP/Rad.	Checked:	79287106.doc
Job code:		K70101		Scale	Original format
Reference:		ASU Kosice		Sheet: 001	of 001 Sheets
Title:		150 S-84006		Drawing No.:	792.87106
Replaces:		79		Rev.	
Replaced by:		79		E	

Para  150 S 84 006

izol. - Rockwool WM 105 ZINC HR: 100 mm

Pozink. plech HR: 0,8 mm

AS BUILT



25 S 84016
25 S 84014

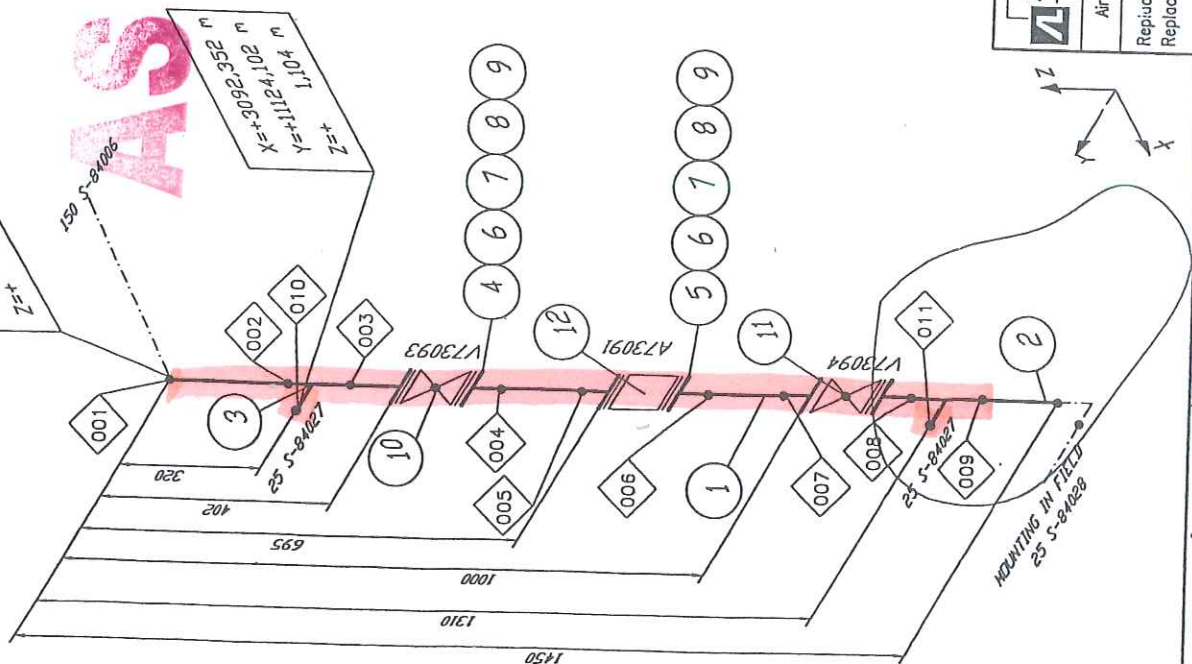
Para - 25 - S - 84016
25 - S - 84017

Izol. Rock wool WM 105 ZINC HR. - 100 mm

Pozink plech hr. - 0.8 mm.

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to disclose it to any third parties.

30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150



AS BUILT

Weiding No.	DN	Ø	Welder No.	Protoc No.
001	25	33.9		
002	25	33.9		
003	25	33.9		
004	25	33.9		
005	25	33.9		
006	25	33.9		
007	25	33.9		
008	25	33.9		
009	25	33.9		
010	25	33.9		
011	25	33.9		

Remarks:

- Responsibility of the assembling company:
- Situation of mounting seams
- Situation of pass-lengths
- Check of measure details and pipe courses on the construction site
- Situation of the spindle at valve

Accompanying drawings:

- 150 S-84006
- 25 S-84027

Accompanying lists:

- Parts list:
- 25 S-84026

Pipe Standard:

- AL Standard No.:
- 50034 / BA25C1
- 50018 / AA10C1

Revision 2.7.7.

AIR LIQUIDE		Date:	13.12.2004	Name:	WIP/Rad.
Air Liquide AGS GmbH		Job code:	K70101	Reference:	ASU Kosice
Replaces:		79	Title:		
Replaced by:		79	Drawing No.:		
Scale:		792.87106			
Original format:		DIN A3			
Sheet:		001	of 001		
Rev.		792.87106			

C	diverse	07.05.05	WP/Rad.	
B		13.04.05	WP/Rad.	
Rev.	Revisions	Date	Name	proved
Checked:				
History file:				

Welding No.	DN	Ø	Weld. No.
001	25	33.9	
002	25	33.9	
003	25	33.9	
004	25	33.9	
005	25	33.9	
006	25	33.9	
007	25	33.9	
008	25	33.9	

Remarks:

- Responsibility of the assembling company:
- Situation of mounting seams
 - Situation of pass-lengths
 - Check of measure details and pipe courses on the construction site
 - Situation of the spindle at valve

Accompanying drawings:

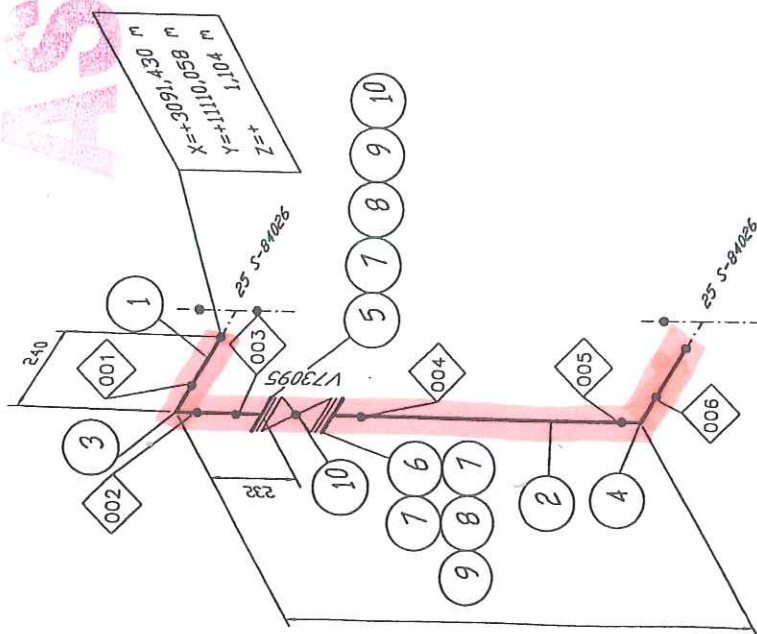
- 25 S-84026

Accompanying lists:

- Parts list:
25 S-84027

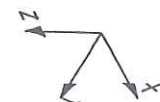
Pipe Standard:

- AL Standard No.:
50034 / BA25C1



Revising 27.7.

C	diverse	07.05.05	WP/Red.	
B	-----	13.04.05	WP/Red.	
Rev.	Revisions	Date	Name	proved
Checked:				
Date:	13.12.2004	Name:	WIP/Rad.	
History file: 79287106.doc				
Job code: K70101		Scale: Original format DIN A3		
Reference: ASU Kosice		Sheet: 001 of 001 Sheets		
Title: 25 S 84027		Drawing No.: 792.87106 C		
Replaces: 79_		Rev.		
Replaced by: 79_				



Para-kondenz -25 S 84026 ; -25 S 84027

izol. Rockwool WM 105 ZINC HR 60mm

pozink. plech HR - 0,8mm

Para-kondenz - 25 S 84022

- 25 S 84023

izol. Rockwool WM 105 ZINC HR: 60mm
pozink. plech HR - 0,8mm