

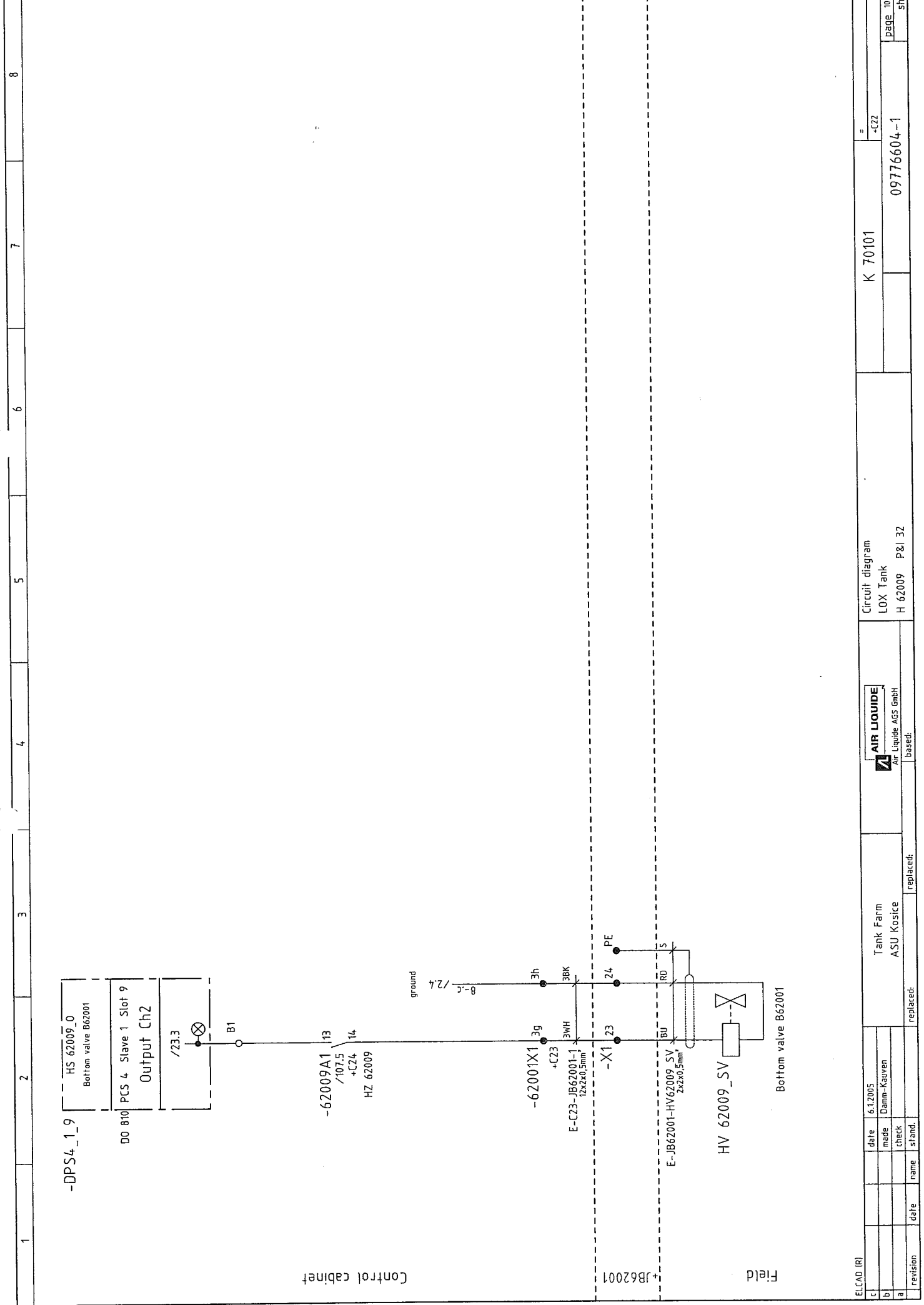
Field

Limit switch open	Limit switch closed
Bottom valve B62001	Bottom valve B62001

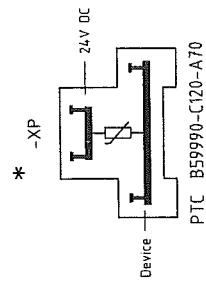
GOL 62009

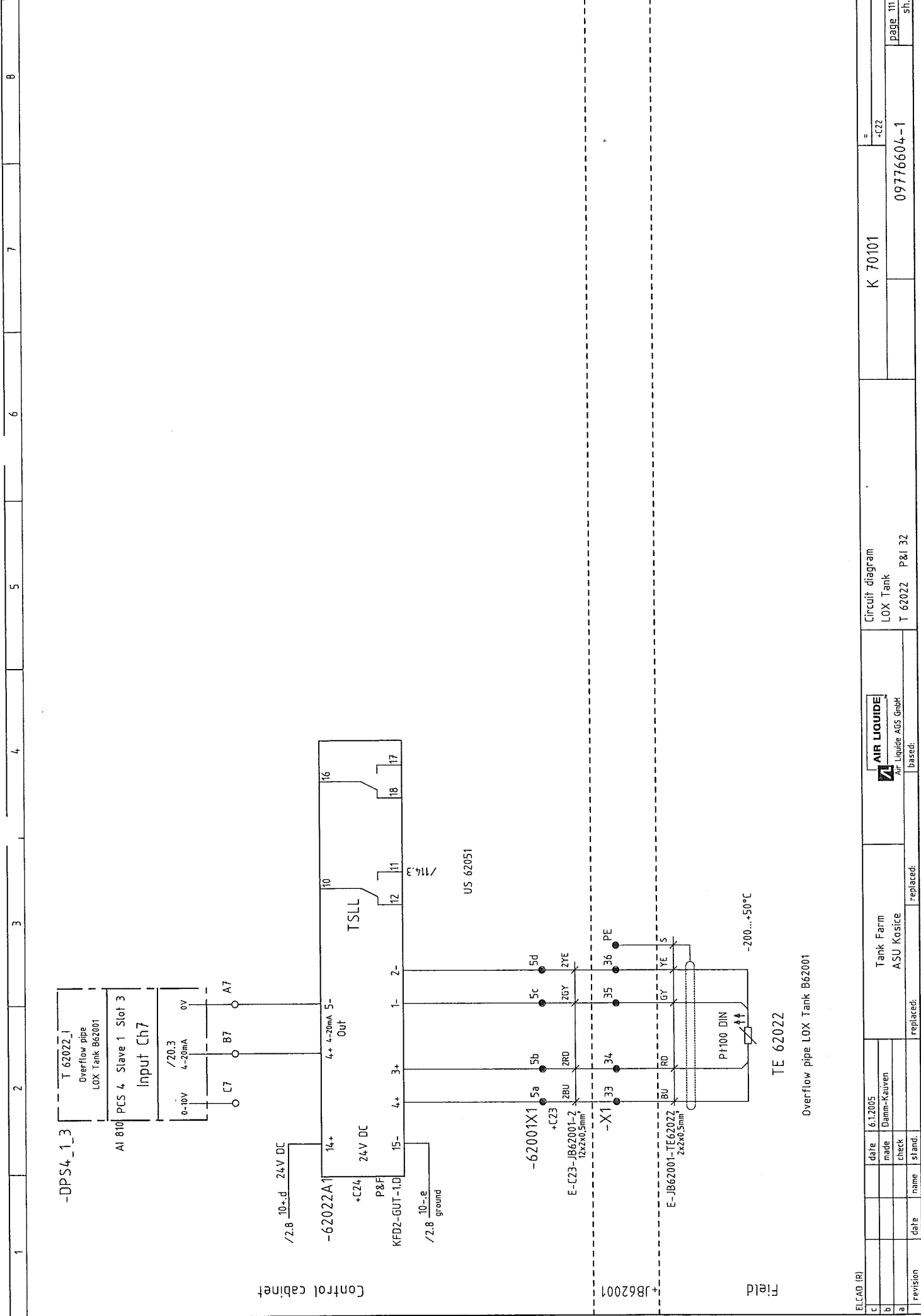
60079 H05

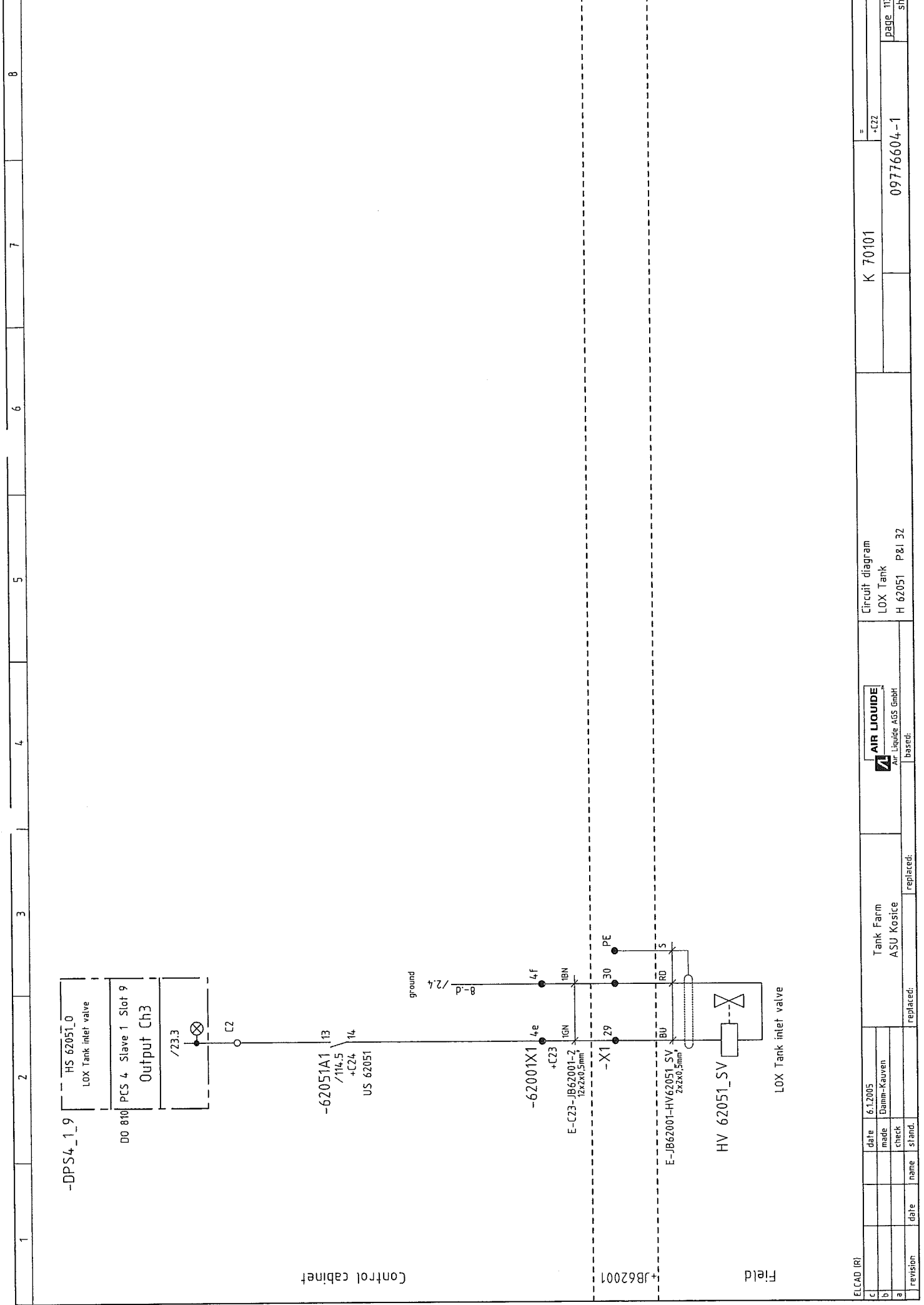
ELCAD (R)									
c			date	6.12.2005	Tank Farm		Circuit diagram		
b			made	Damm-Kauven	LOX Tank		K 70101		
a			check		ASU Kosice		=		
revision	date	name	stand		replaced:		+C22		
					replaced:		09776604-1		
					based:		page 105		
							sh.		

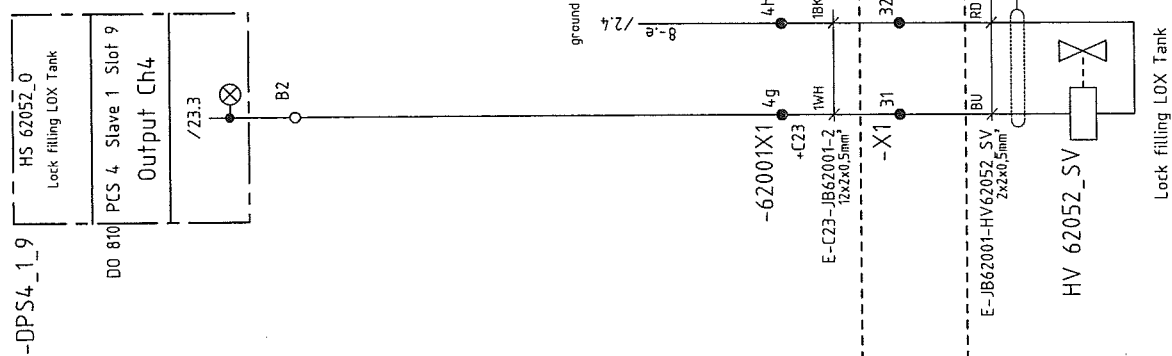


ELCAD (R)									
c				6.12.2005	Tank Farm			K 70101	
b					ASU Kosice				
a									
revision	date	name	stand.		replaced:		replaced:	09776604-1	
								sh.	
								=	
								-C22	
								Circuit diagram	
								LOX Tank	
								H 62009 P&I 32	
								AIR LIQUIDE	
								Air Liquide AGS GmbH	
								based:	



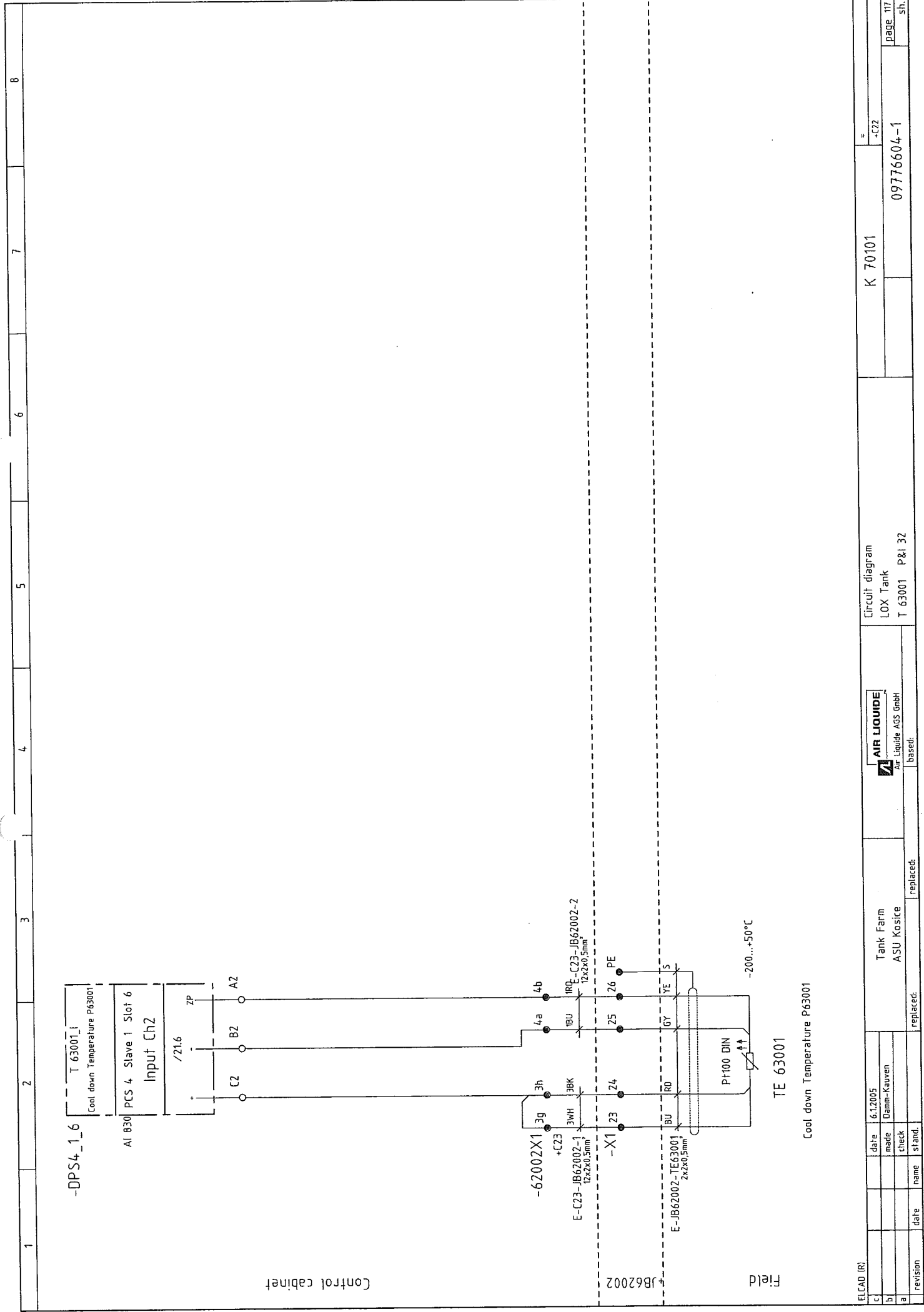


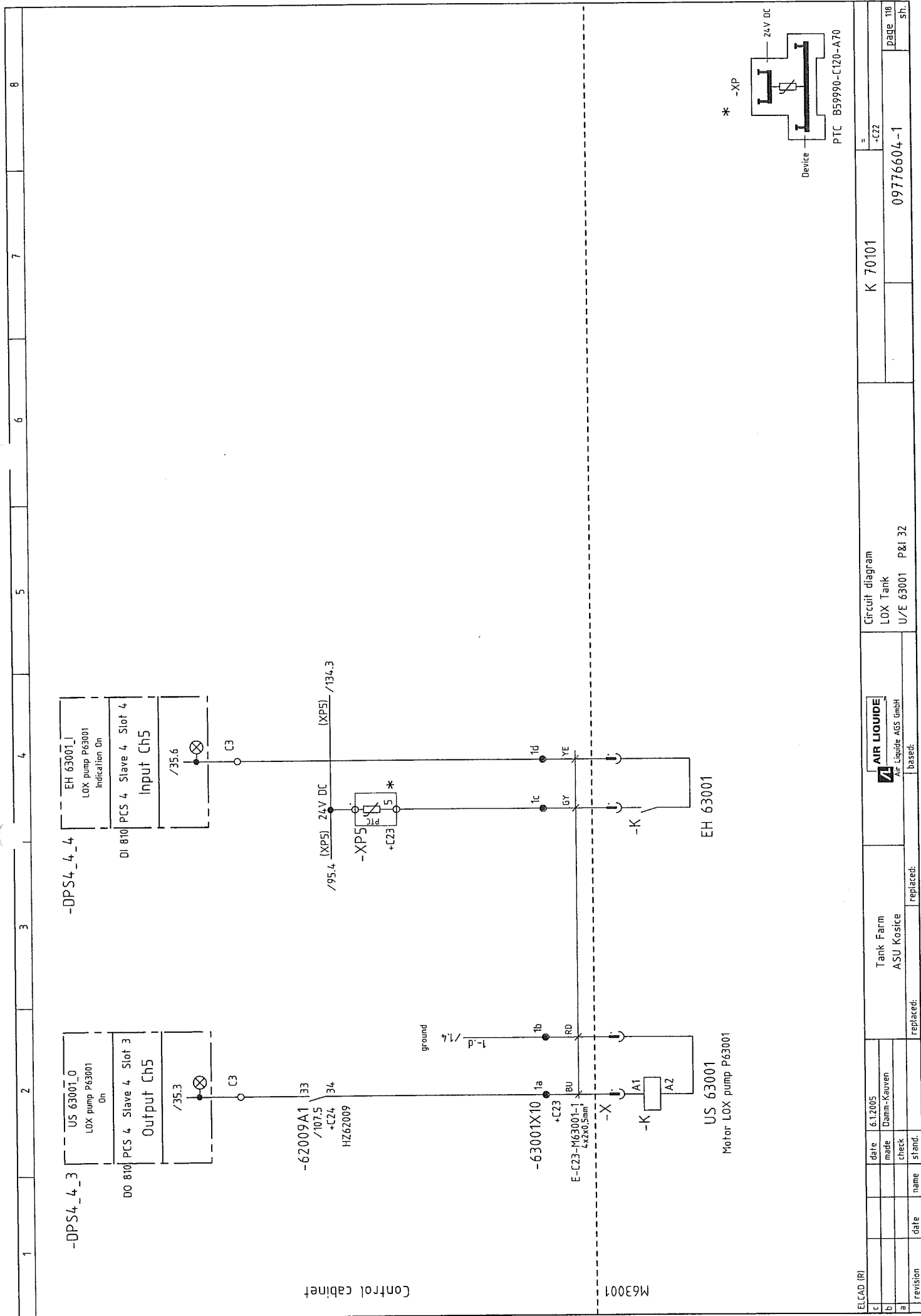


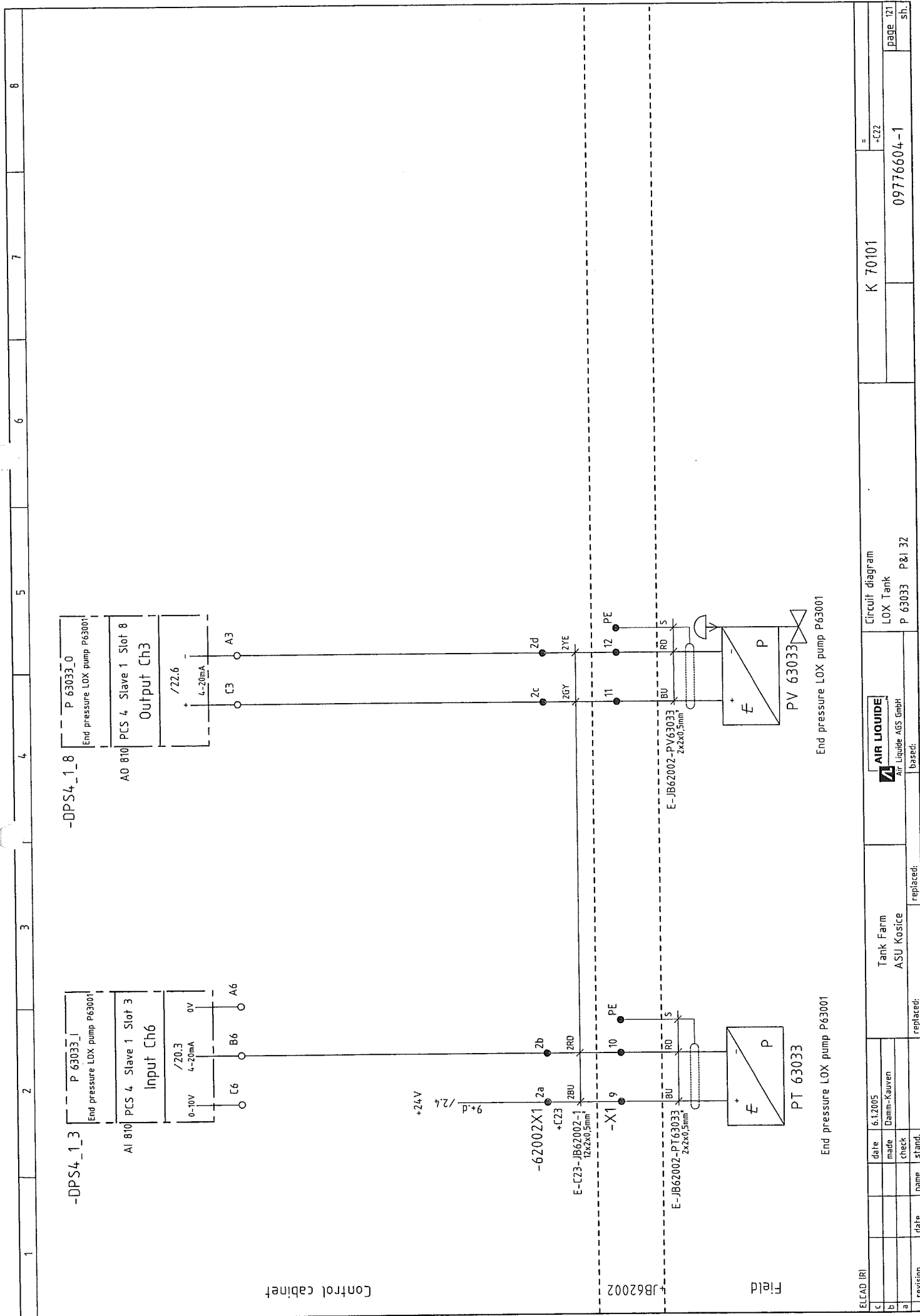


c		date	6.12.2005	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">Z</div> <div> AIR LIQUIDE Air Liquide AGS GmbH </div> </div>	Tank Farm ASU Kosice	replaced: replaced: based:	Circuit diagram LOX Tank H 62052 P&I 32	K 70101 +C22	page 15 09776604-1 sh.
b		made	Damm-Kauven						
		check							
a		name	stand.						

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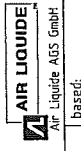






1	2	3	4	5	6	7	8

ELCAD (R)		date		6.1.2005		Tank Farm		Circuit diagram		K 70101		+C22	
c		made		Damm-Kauven		ASU Kosice		Spare					
b		check											
a		stand.											
revision		date		name		replaced:		replaced:		based:		page 123 sh.	
												09776604-1	



1	2	3	4	5	6	7	8
Control cabinet							
<div> <div> <div>-DPS4_1_9</div> <div> <div>HS 64004_0</div> <div>Reset GOX Trip UZ 64001</div> </div> </div> <div> <div>DO 810</div> <div> <div>PLS 4 Slave 1 Slot 9</div> <div>Output Ch7</div> </div> </div> <div> <div>/23.3</div> <div>⊗</div> <div>C4</div> </div> <div> <div>-64001K1</div> <div>A1</div> <div>+C24</div> <div>A2</div> <div>11-c</div> <div>ground</div> <div>/2.8</div> </div> <div> <div>/125.3</div> <div>14</div> <div>12</div> <div>24</div> <div>22</div> <div>11</div> <div>21</div> </div> </div>							
ELCAD (R)			Tank Farm		Circuit diagram		
c			6.1.2005		Water bath vaporizer LOX		
d			Damm-Kauwen		H 64001 P&I 34		
a			check		09776604-1		
			stand.		K 70101		
revision	date	name	replaced:		= +C22		
			replaced:		page 124		
					sh		

ELCAD (R)

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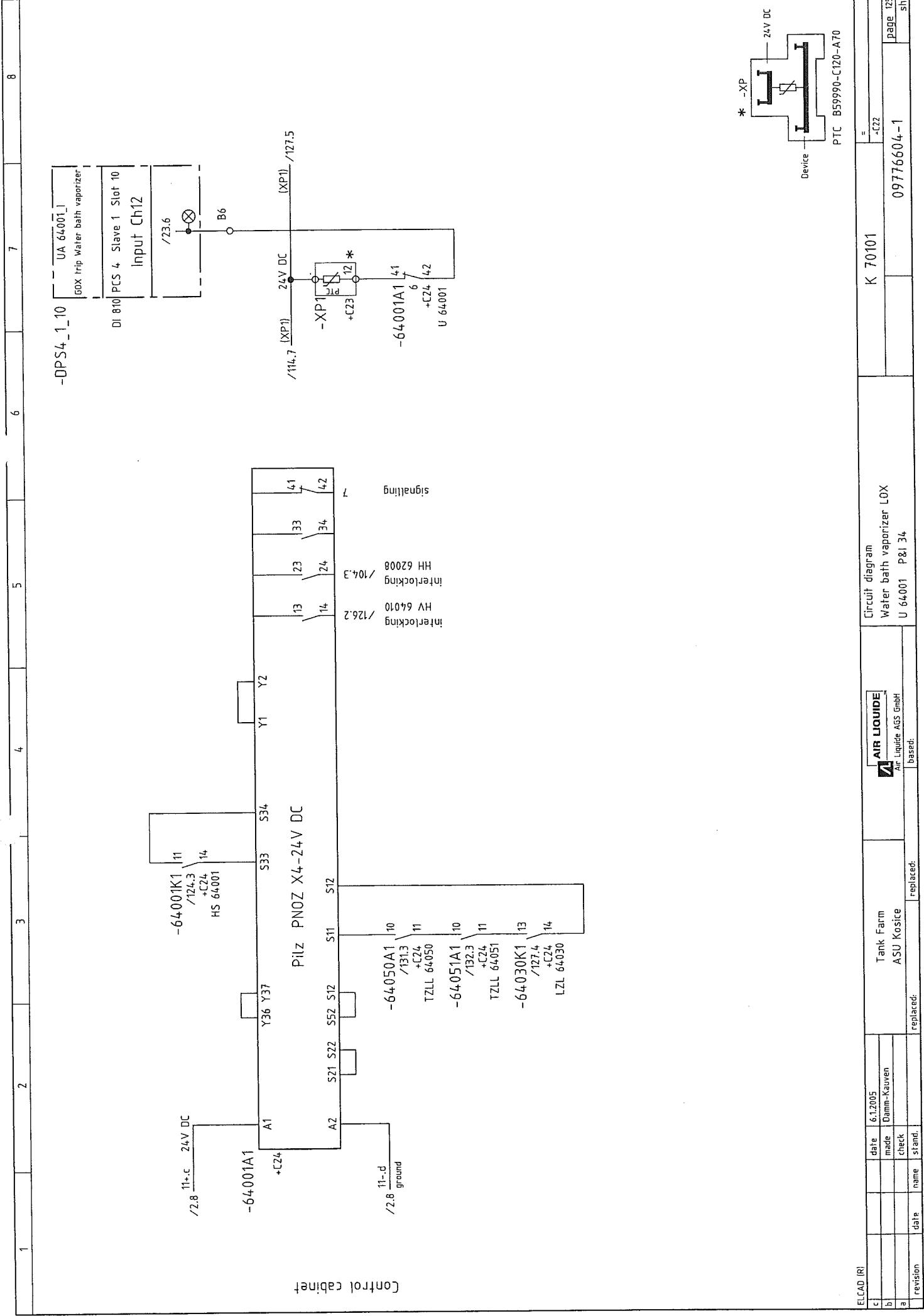
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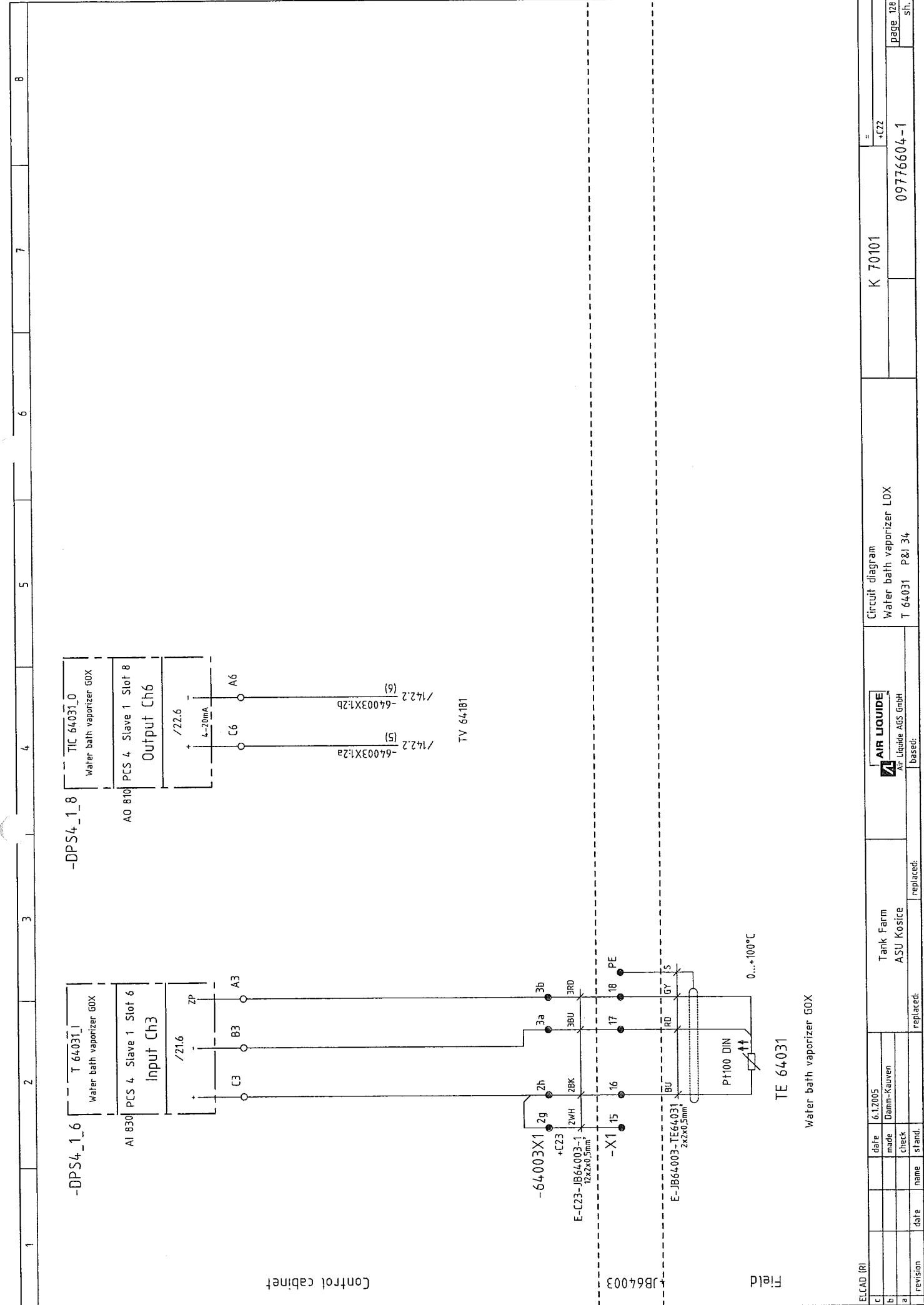
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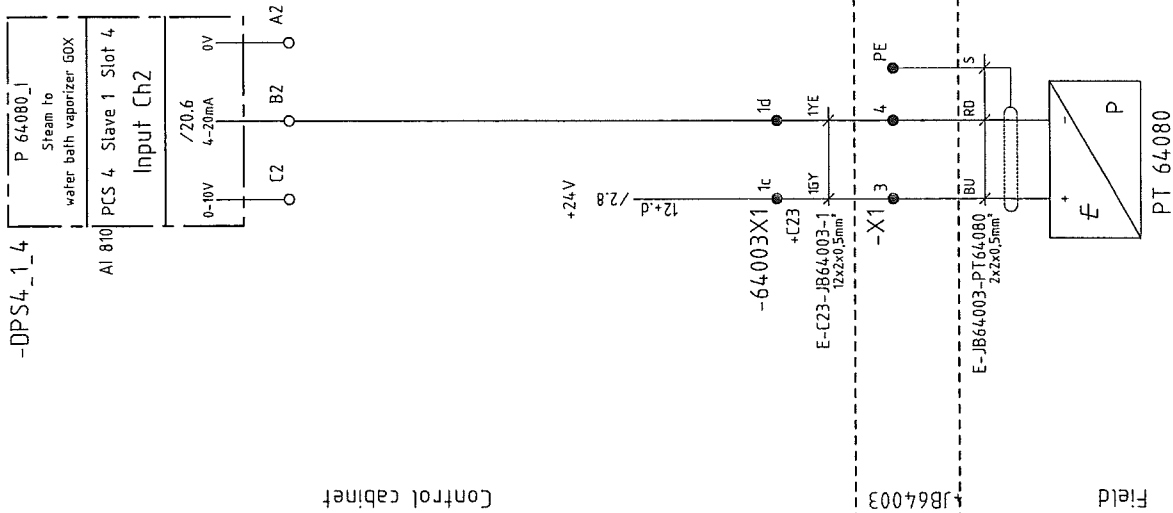
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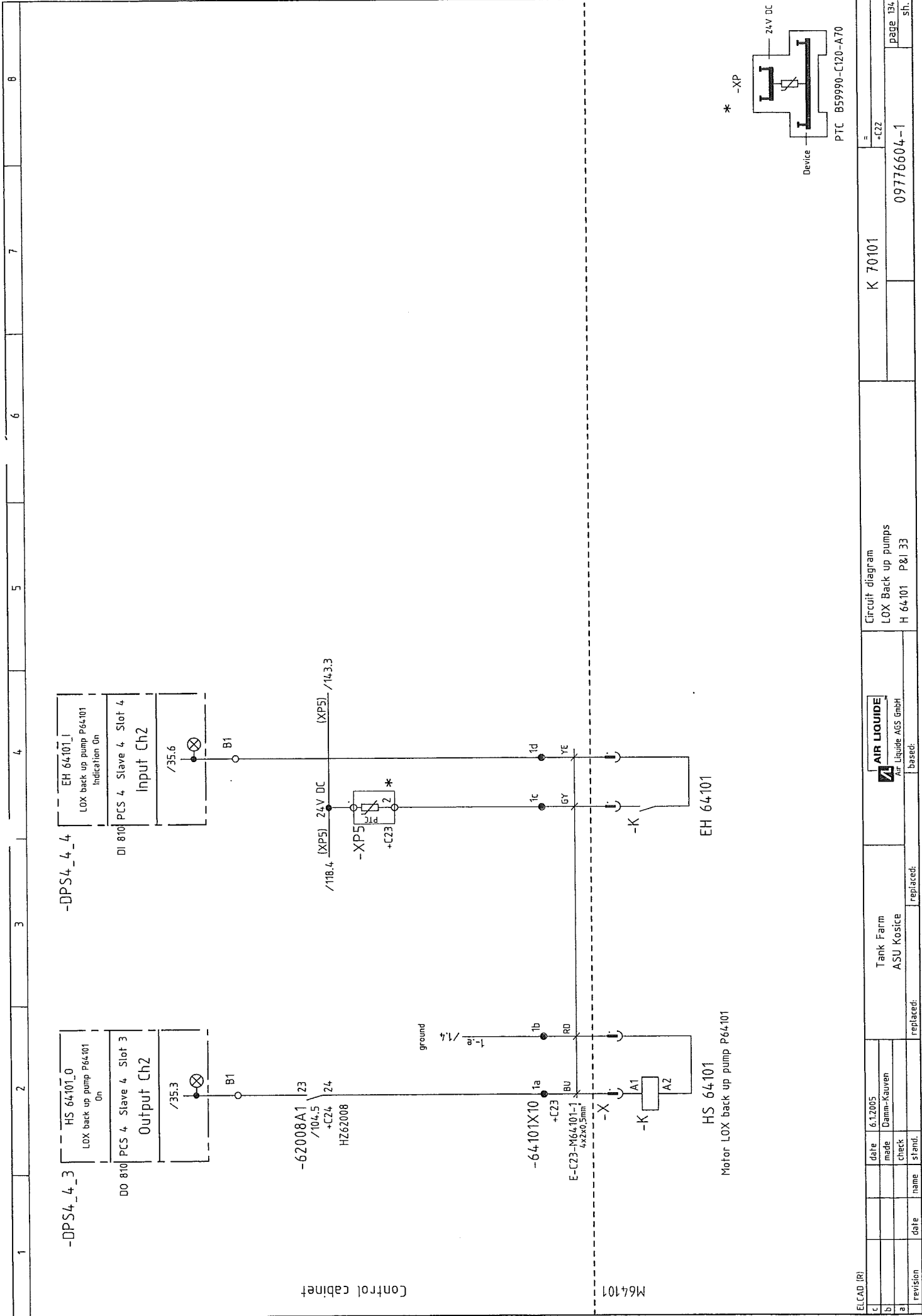
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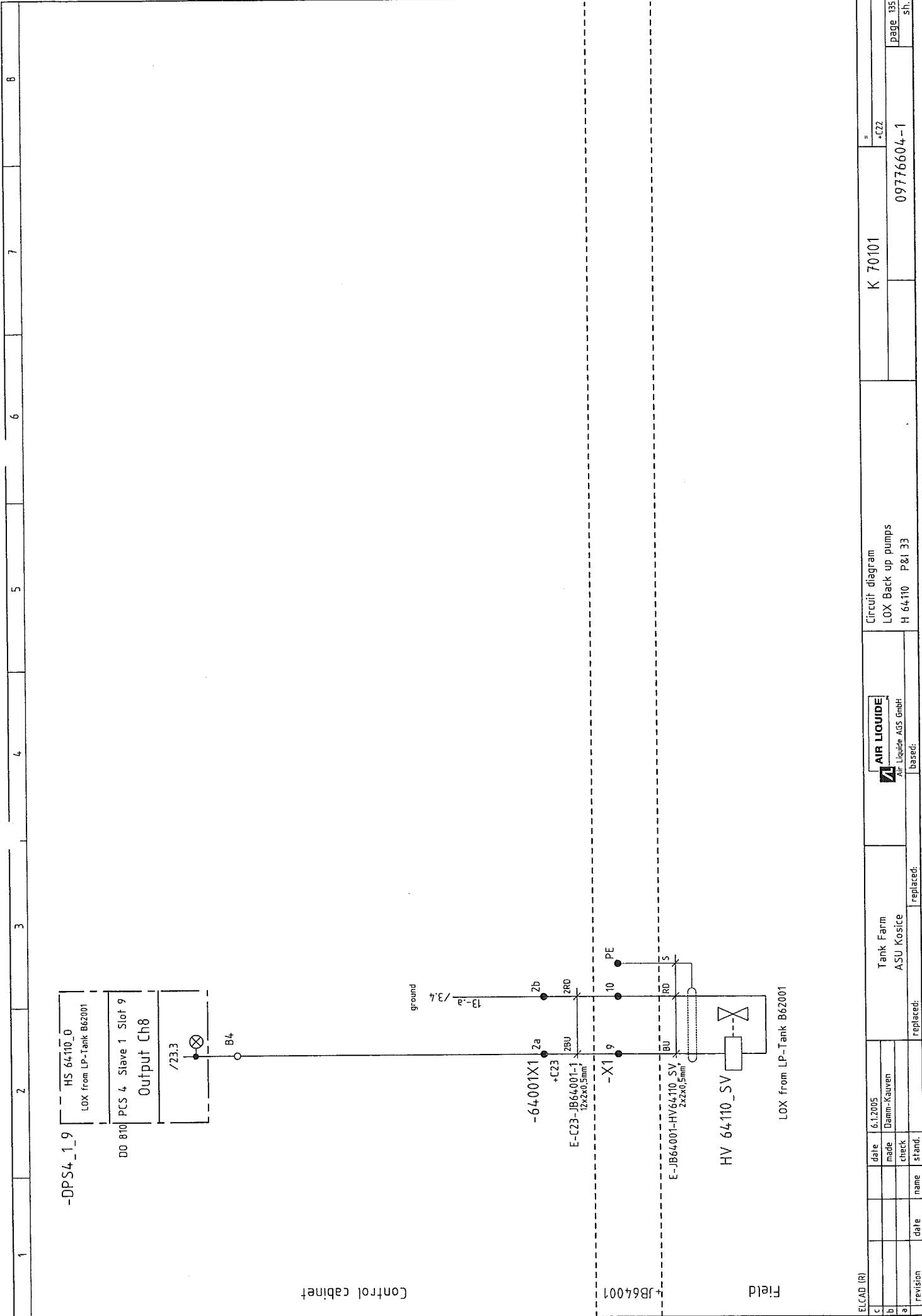


ELCAD IRI		Circuit diagram		K 70101		=		+C22		09776604-1		page 128		sh.	
c	date	6.12.2005	Tank Farm	Water bath vaporizer LOX		T 64031		P&I 34							
b	made	Gamm-Kaueven	ASU Kosice												
a	check		replaced:												
a	revision	date	name	stand.	replaced:										

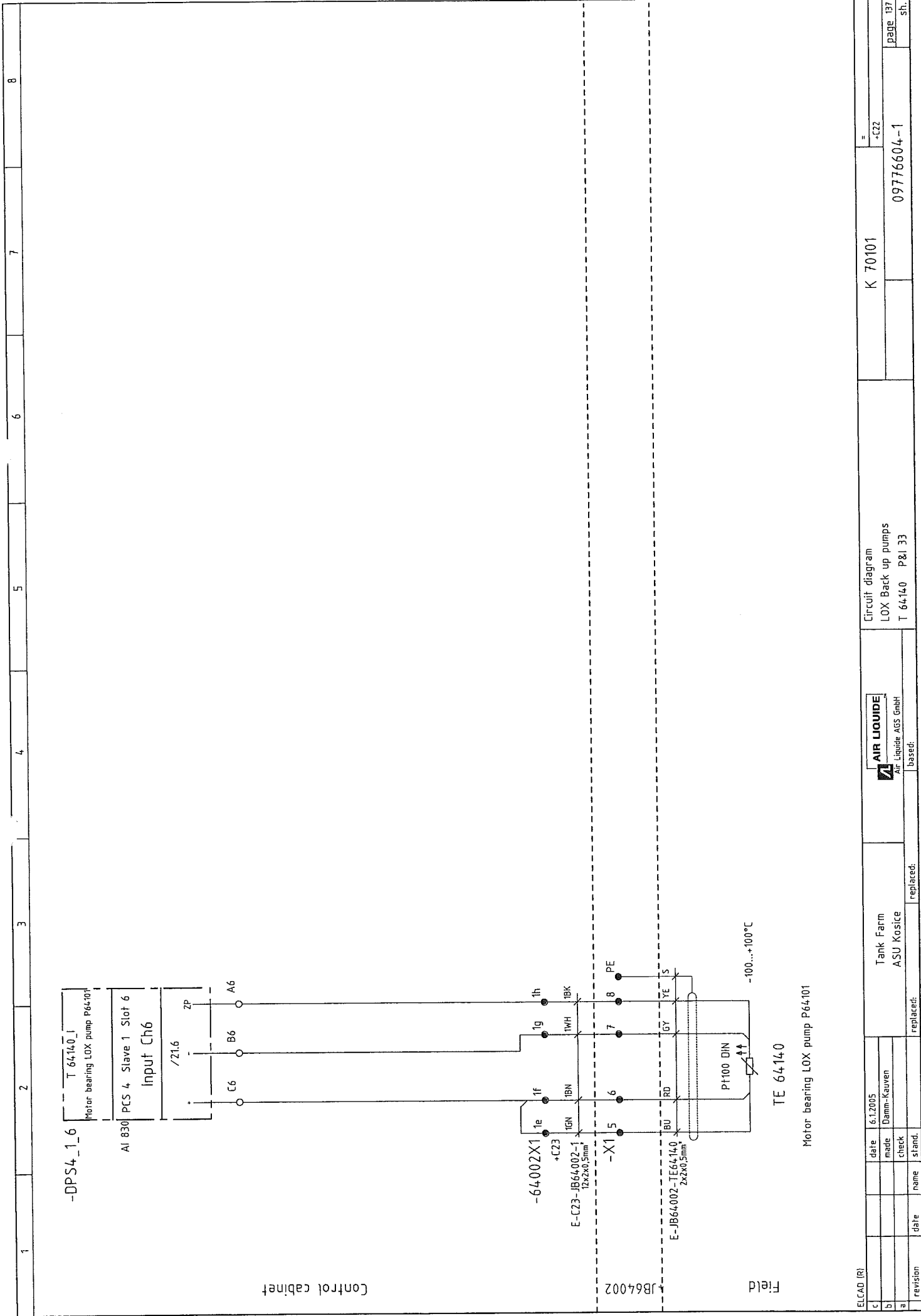




ELCAD (R)		K 70101		Circuit diagram		LOX Back up pumps		H 64.101 P&I 33		09776604-1		page 134
c	date	6.12.2005	Tank Farm		ASU Kosice		replaced:		based:		sh.	
b	made	Damm-Kauven										
a	check											
revison	date	name										

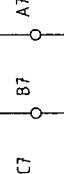
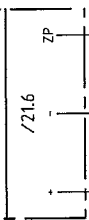


ELCAD (R)		6.12.2005		Tank Farm		K 70101		09776604-1		+C22	
c	date	made	Damm-Kauven	Circuit diagram		LOX Back up pumps		H 64110 P&I 33		page 135	
b	check	stand.		ASU Kosice		H 64110 P&I 33		sh.			
a	revision	name		replaced:		replaced:					

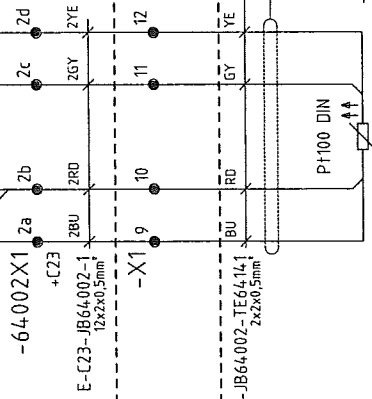


-DPS4_1_6 T 64141_1
Motor bearing LOX pump P64101

AI 830 PCS 4 Slave 1 Slot 6
Input Ch7



Control cabinet

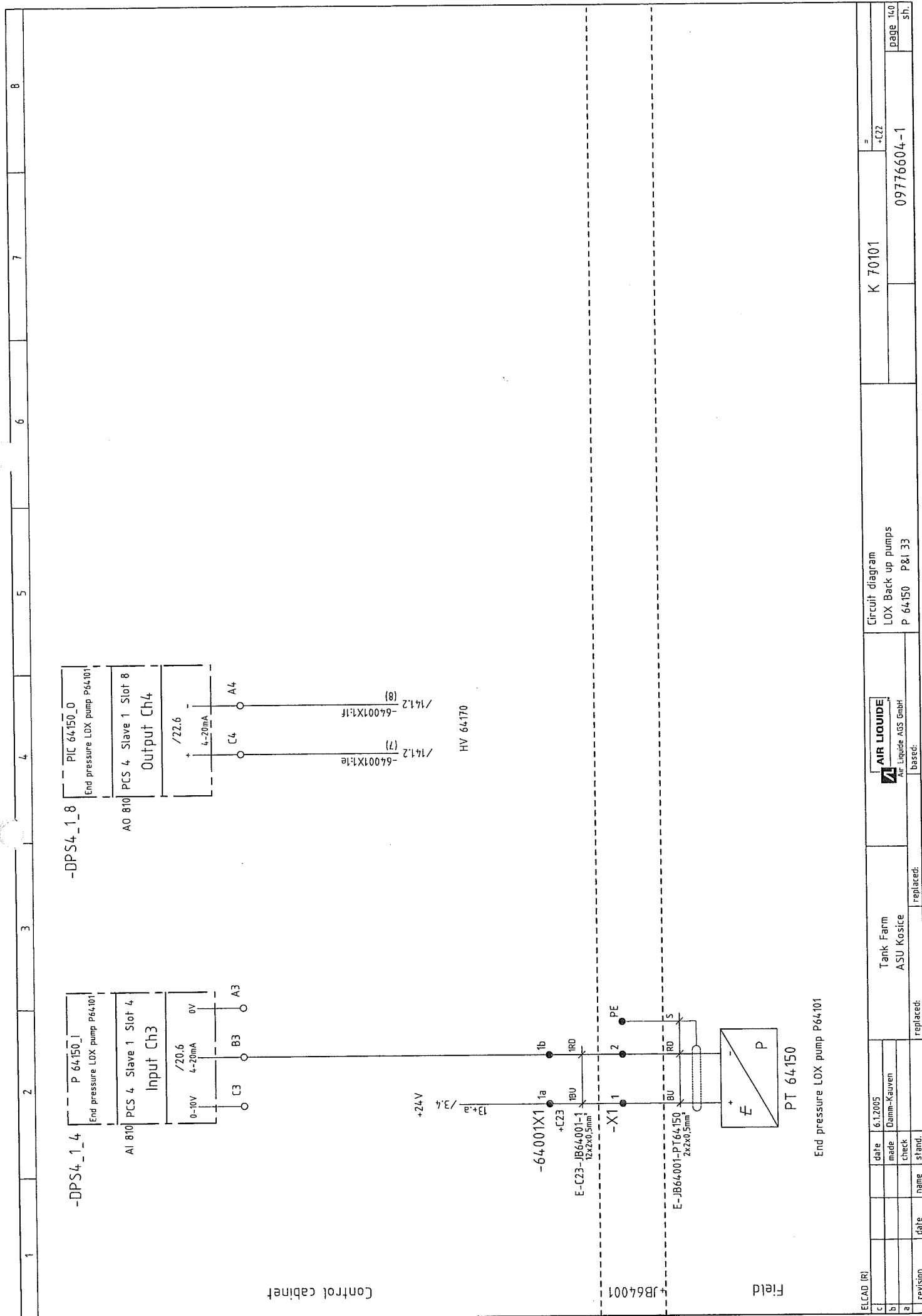


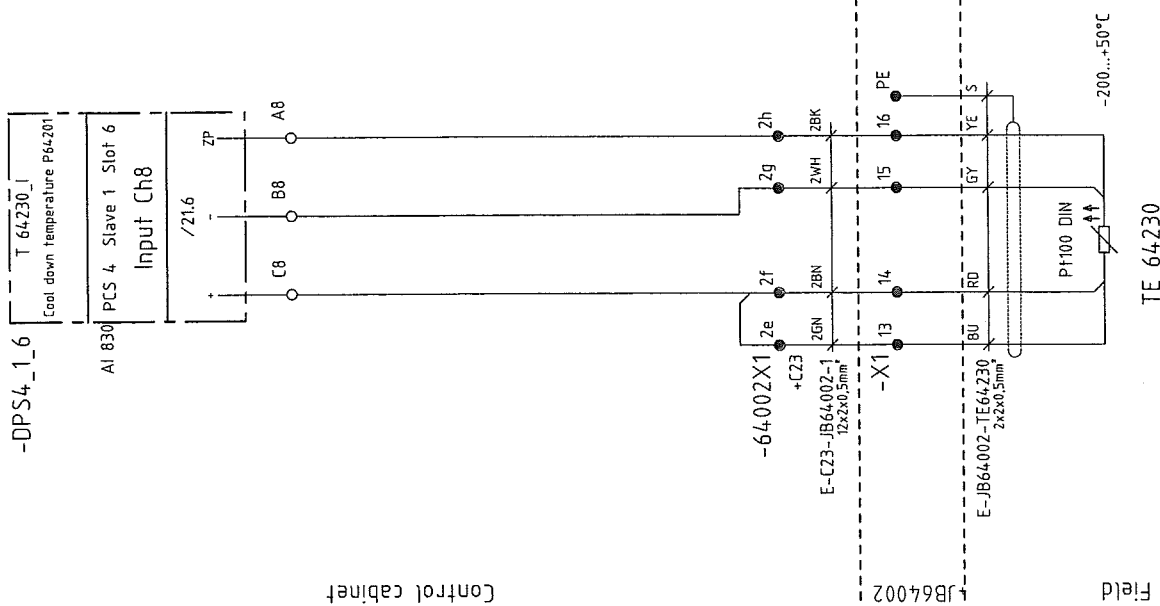
TE 64141

Motor bearing LOX pump P64101

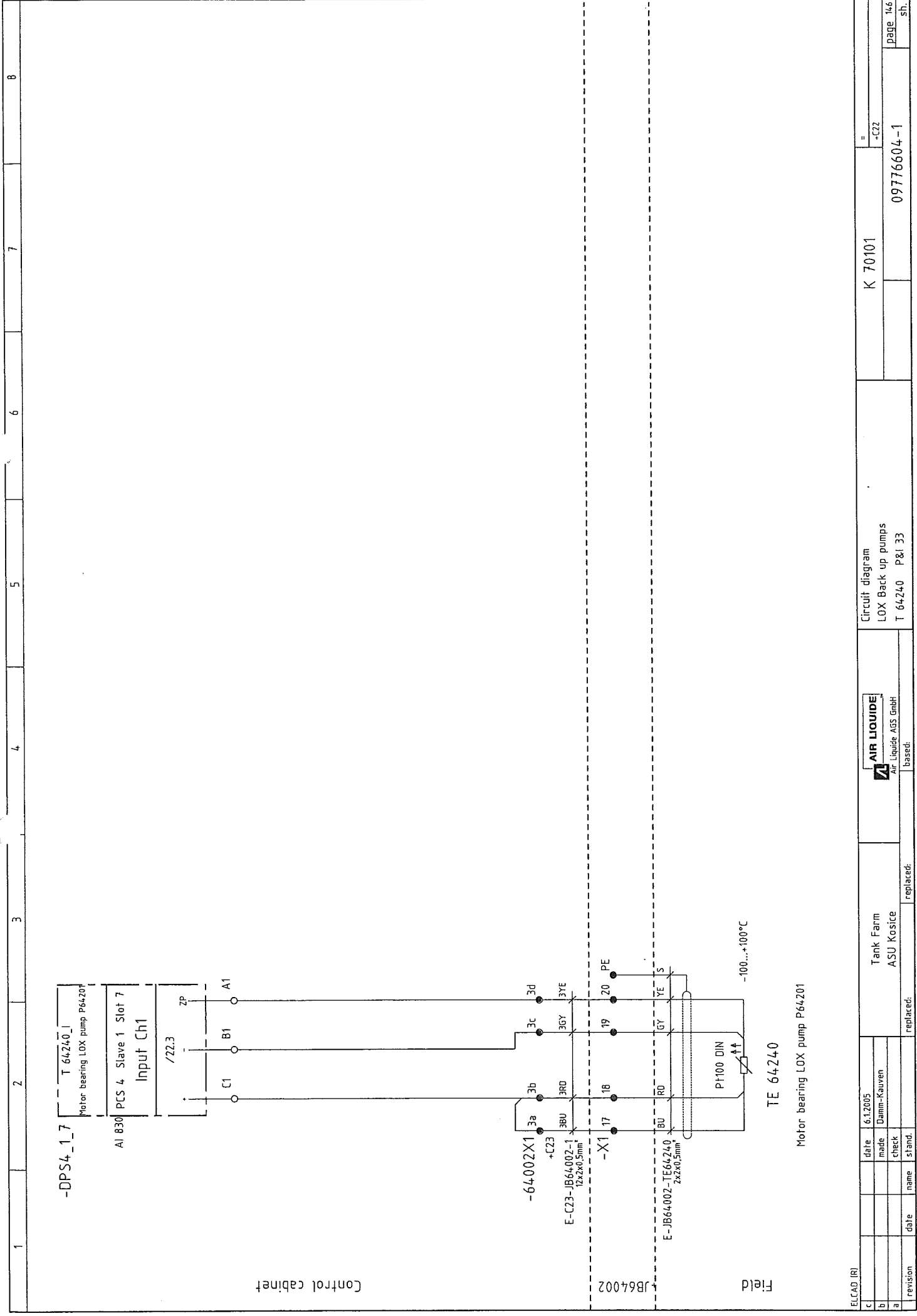
Field

ELCAD (R)		date		6.12.2005	Tank Farm		Circuit diagram		K 70101		-	
c	date	6.12.2005	made	Damm-Kaunen	ASU Kosice		LOX Back up pumps		09776604-1		-C22	
b	check		check		replaced:		T 64141 P&I 33				page 138	
a	revision	date	name	stand.	replaced:		based:				sh.	



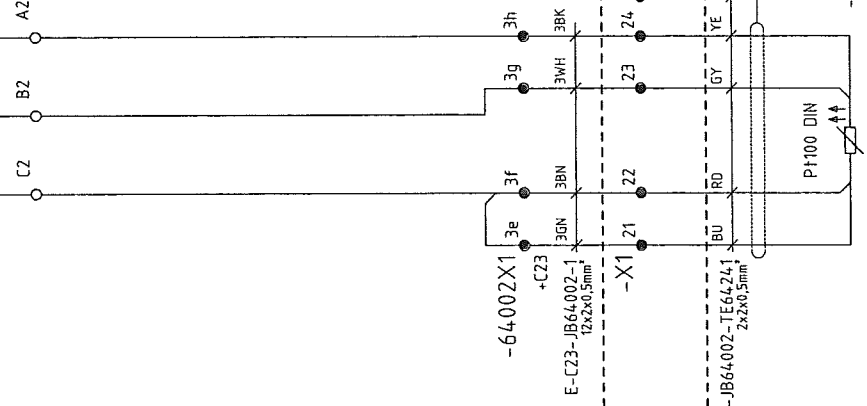
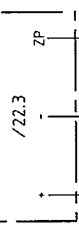


ELCAD (R)									
c				date	6.12.2005				
b				made	Damm-Kaunen				
a				check					
revision	date	name	stand.			replaced.		replaced.	
<div style="display: flex; align-items: center;"> <div> <p>AIR LIQUIDE</p> <p>Air Liquide AGS GmbH</p> </div> </div>						<div style="display: flex; justify-content: space-between;"> <div> <p>Tank Farm</p> <p>ASU Kosice</p> </div> <div> <p>based:</p> </div> </div>			
						<p>Circuit diagram</p> <p>LOX Back up pumps</p> <p>T 64230 P&I 33</p>			
						<div style="display: flex; justify-content: space-between;"> <div>K 70101</div> <div> <p>09776604-1</p> </div> </div>			
						<div style="display: flex; justify-content: space-between;"> <div></div> <div> <p>11</p> <p>+C22</p> </div> </div>			
						<p>page 145</p> <p>sh.</p>			



-DPS4_1_7 T 64241
Motor bearing LOX pump P64201

AI 830 PCS 4 Slave 1 Slot 7
Input Ch2



TE 64241

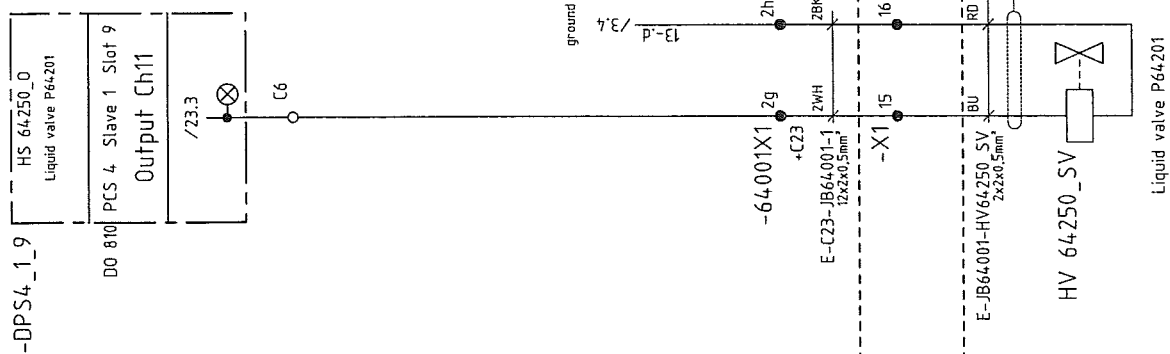
Motor bearing LOX pump P64201

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c		made		Dimm-Kauven		Circuit diagram		LOX Back up pumps		-C22	
b		check				T 64241		P&I 33		09776604-1	
a		stand				replaced:		replaced:		sh.	
revision		date		name		based:		Air LIQUIDE		Air Liquide AGS GmbH	

Control cabinet

JB64002

Field



Control cabinet


+JB64001

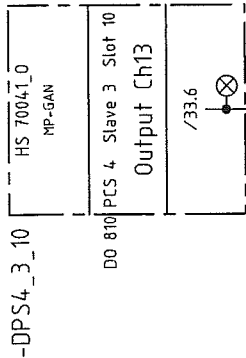
Field

Liquid valve P64201

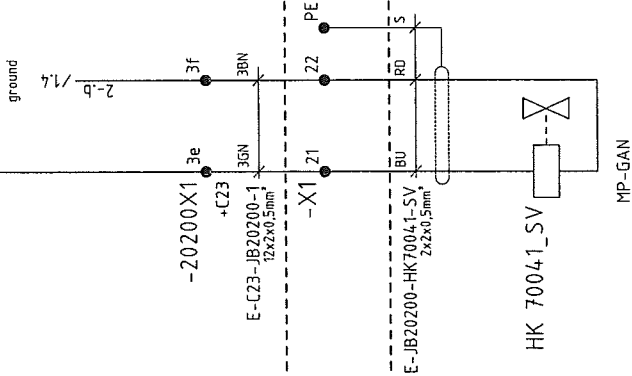
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1	2	3	4	5	6	7	8
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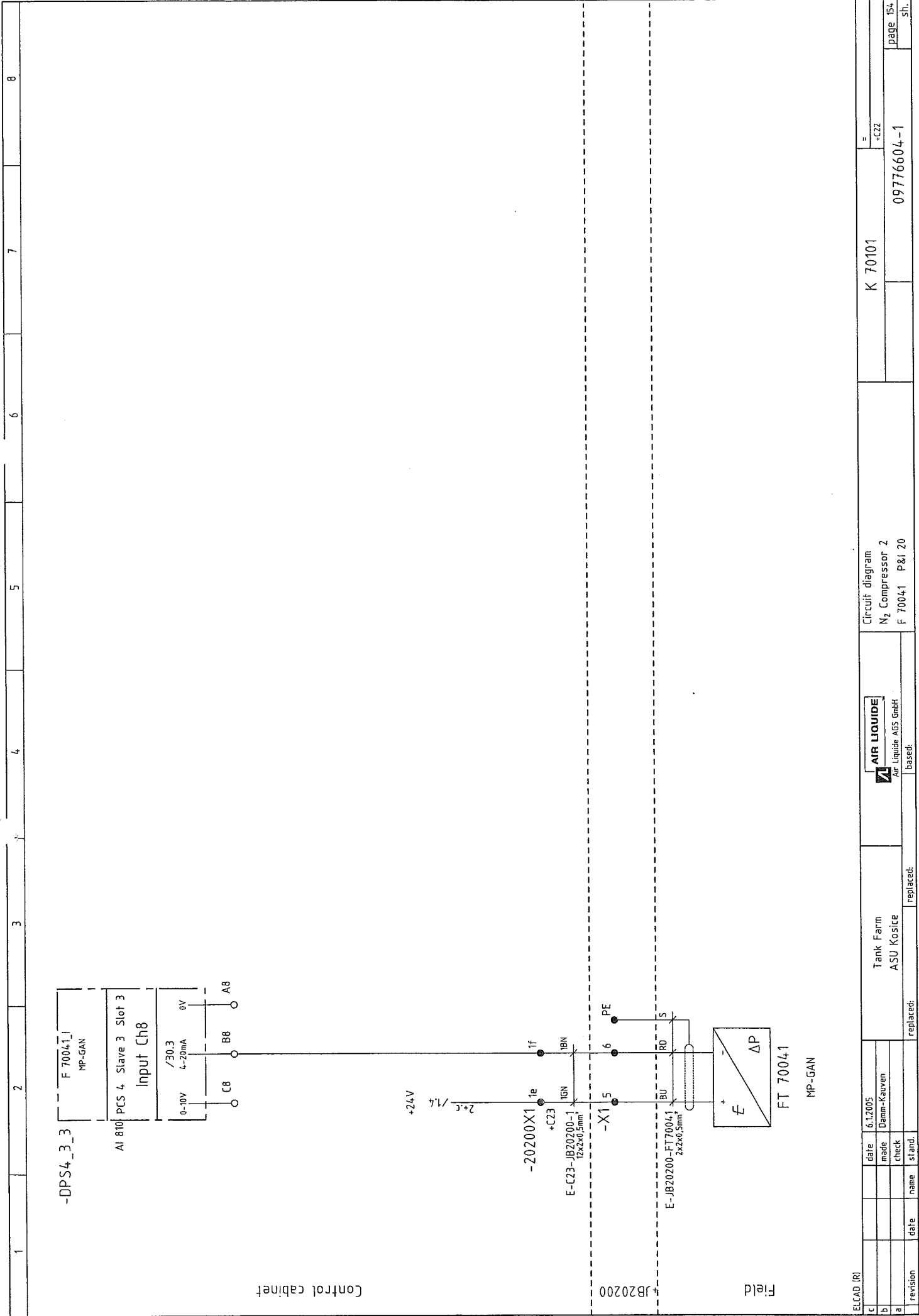


Control cabinet

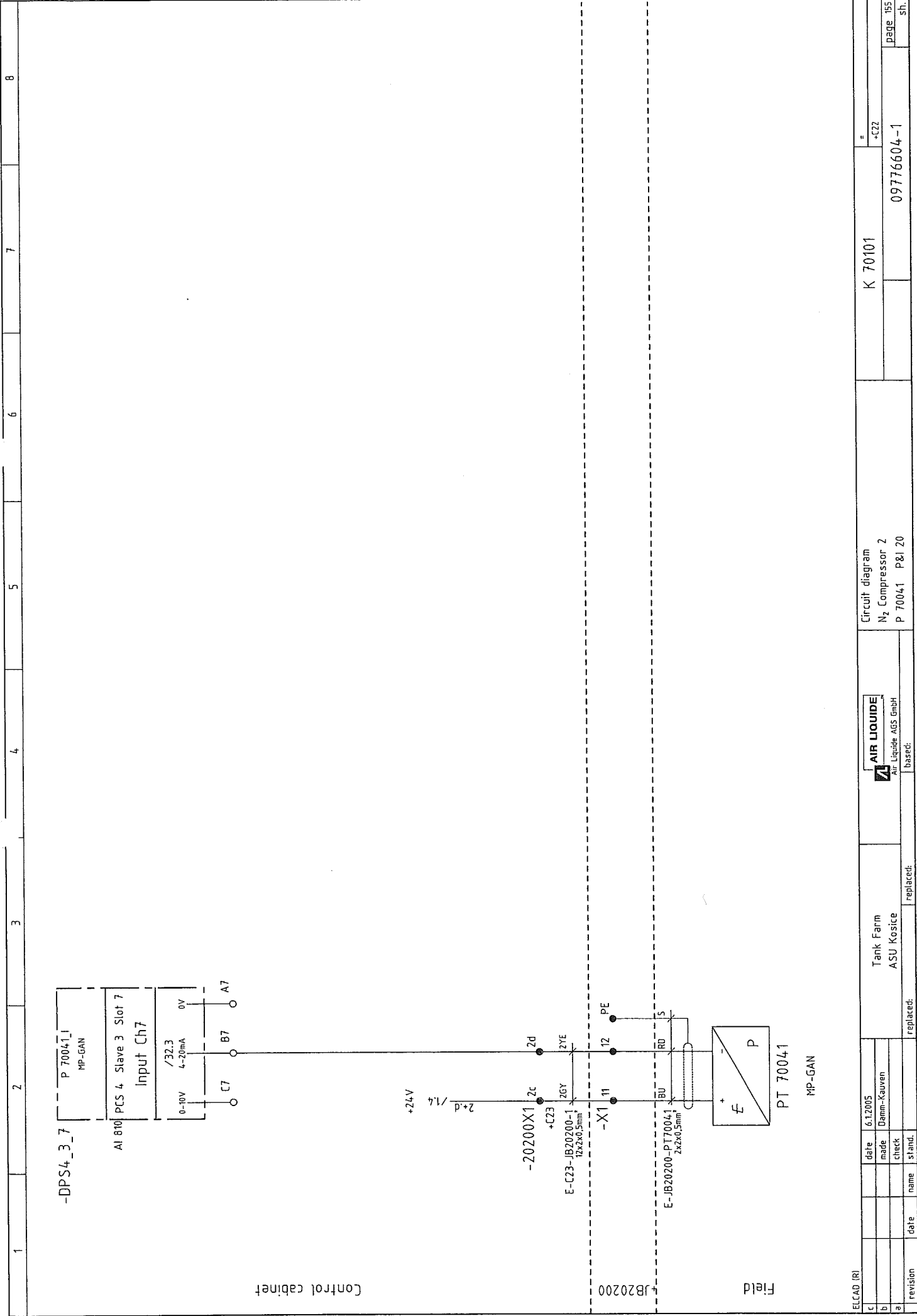


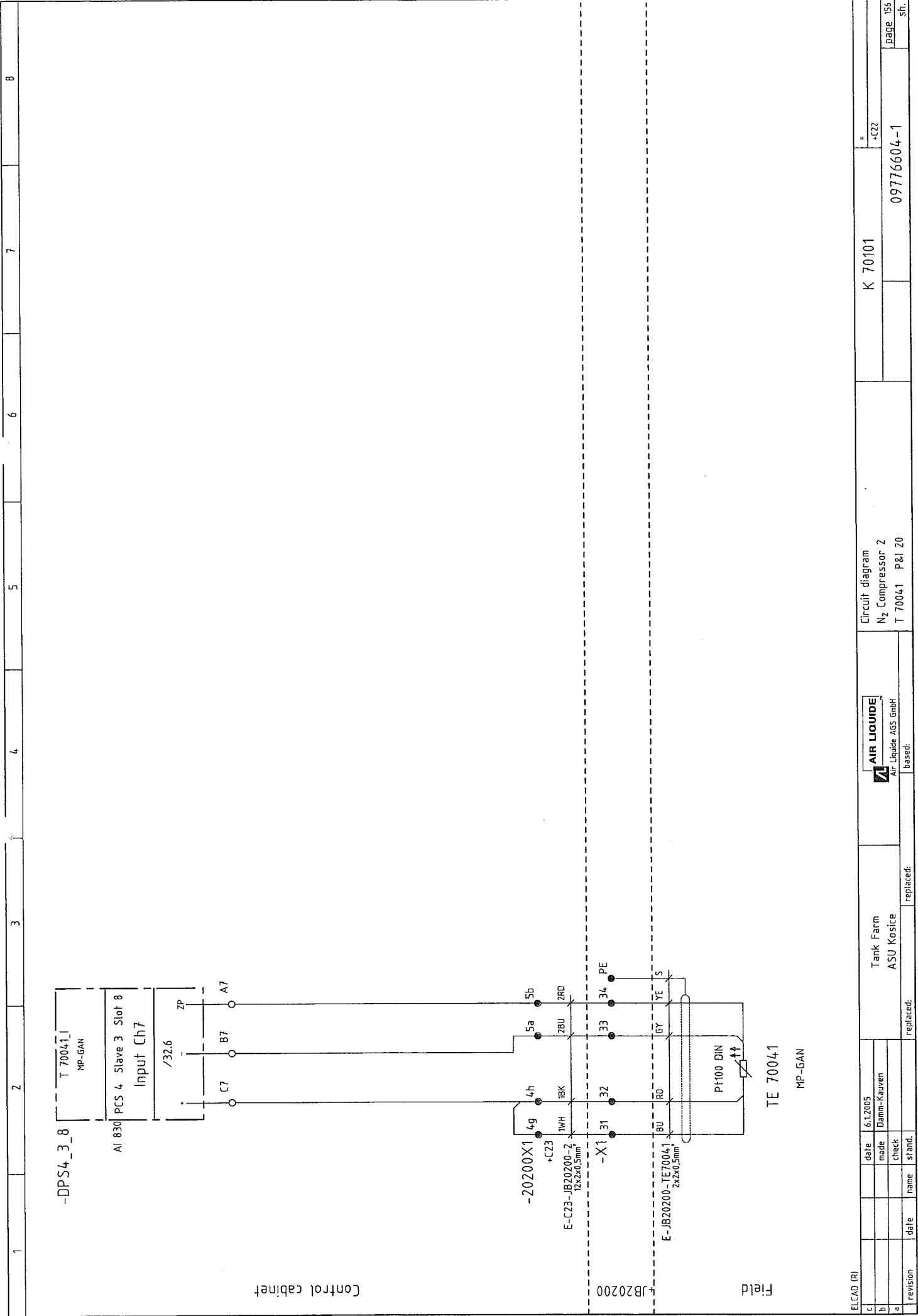
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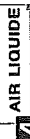
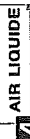
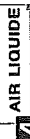
Field

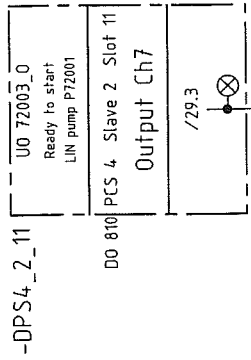


ELCAD (RI)		date		6.12.2005	Tank Farm		Circuit diagram		K 70101		=	
c		made		Damm-Kaunen	ASU Kosice		N ₂ Compressor 2				-C22	
b		check					F 70041 P&I 20				09776604-1	
a		stand.									page 154	
	revision	date	name	stand.	replaced:	replaced:					sh.	

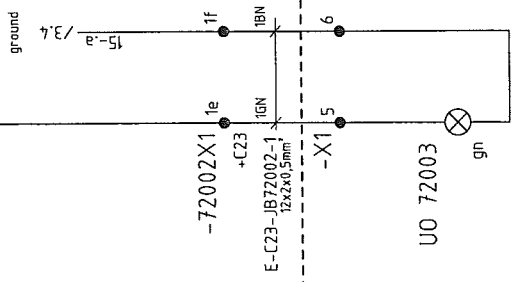




1	2	3	4	5	6	7	8																																																														
<div style="display: flex; justify-content: space-between;"> <div> <div>ELCAD (R)</div> <table border="1"> <tr> <td>c</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>b</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>a</td><td>revision</td><td>date</td><td>name</td><td></td><td></td><td></td><td></td></tr> </table> </div> <div> <table border="1"> <tr> <td>date</td><td>6.12.2005</td></tr> <tr> <td>made</td><td>Damm-Kauven</td></tr> <tr> <td>check</td><td></td></tr> <tr> <td>stand.</td><td></td></tr> </table> </div> <div> <table border="1"> <tr> <td colspan="2">Tank Farm</td></tr> <tr> <td colspan="2">ASU Kosice</td></tr> <tr> <td>replaced:</td><td></td></tr> <tr> <td>replaced:</td><td></td></tr> </table> </div> <div> <table border="1"> <tr> <td colspan="2">  </td></tr> <tr> <td colspan="2">Air Liquide AGS GmbH</td></tr> <tr> <td colspan="2">based:</td></tr> </table> </div> <div> <table border="1"> <tr> <td colspan="2">Circuit diagram</td></tr> <tr> <td colspan="2">Spare</td></tr> </table> </div> <div> <table border="1"> <tr> <td>K 70101</td><td>=</td><td>+C22</td></tr> <tr> <td>09776604-1</td><td></td><td></td></tr> <tr> <td></td><td></td><td>page 157</td></tr> <tr> <td></td><td></td><td>sh.</td></tr> </table> </div> </div>								c								b								a	revision	date	name					date	6.12.2005	made	Damm-Kauven	check		stand.		Tank Farm		ASU Kosice		replaced:		replaced:				Air Liquide AGS GmbH		based:		Circuit diagram		Spare		K 70101	=	+C22	09776604-1					page 157			sh.
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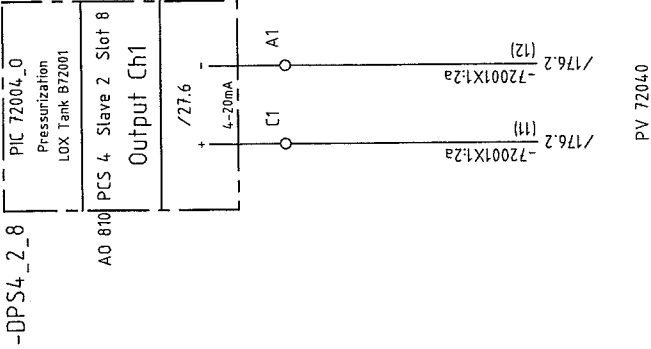


Control cabinet



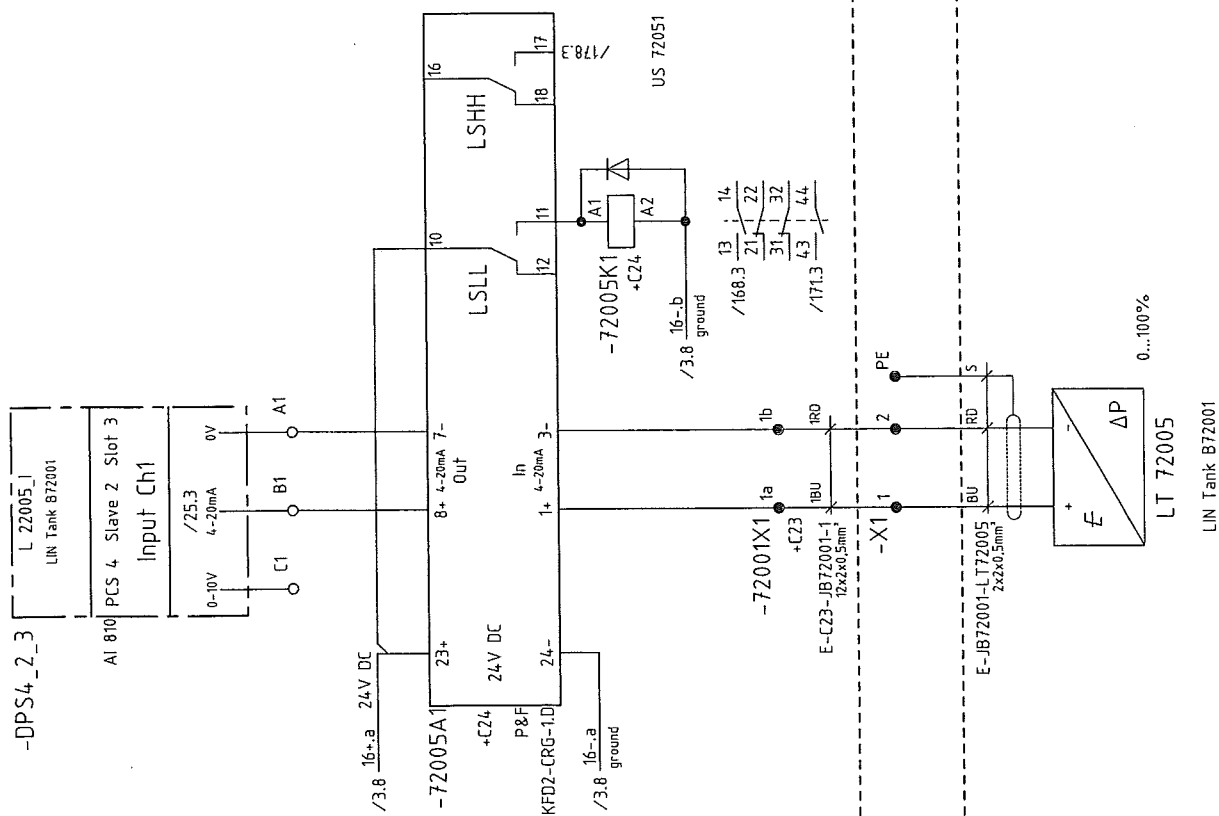
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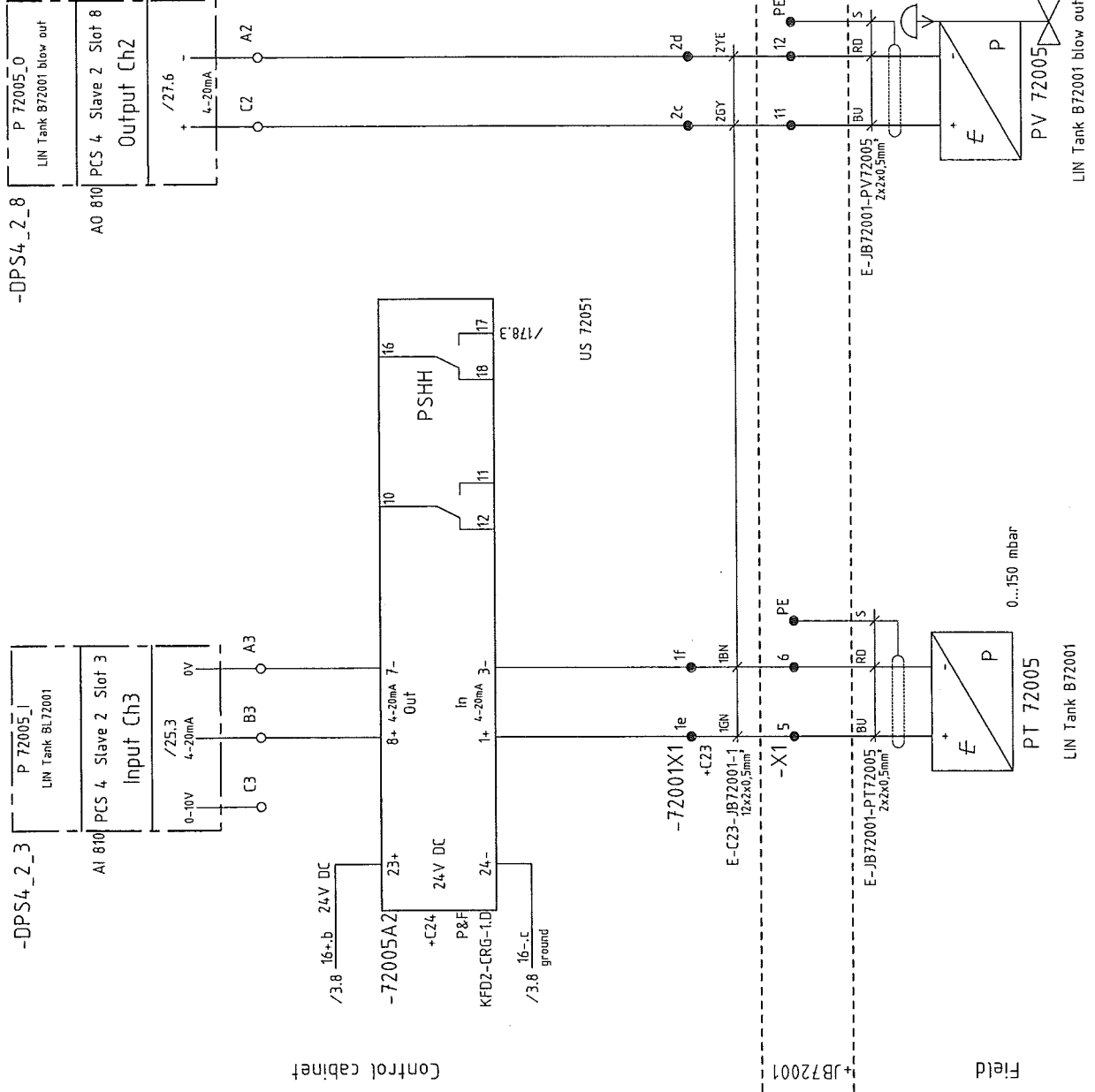
Ready to start
LIN pump P72001

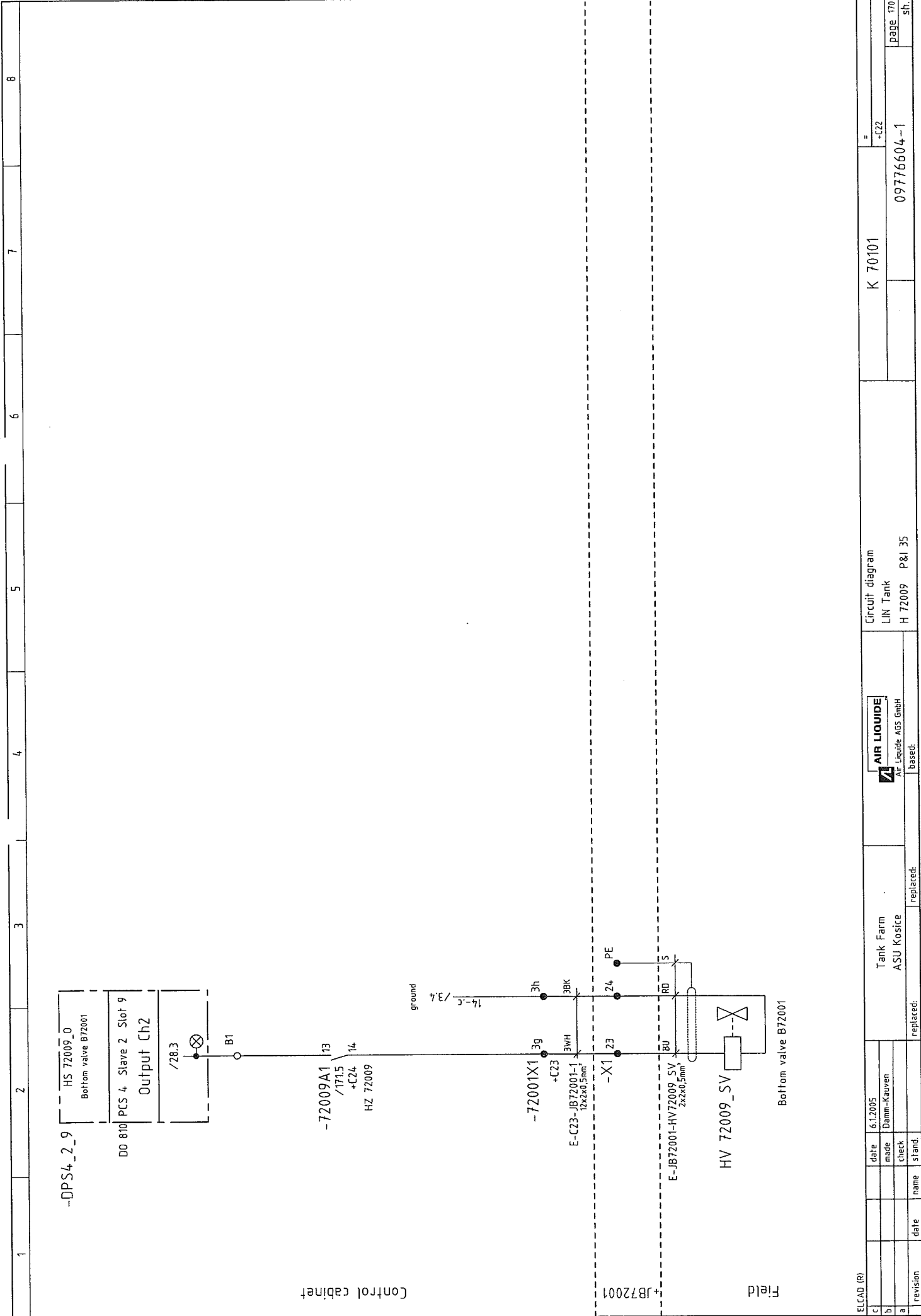


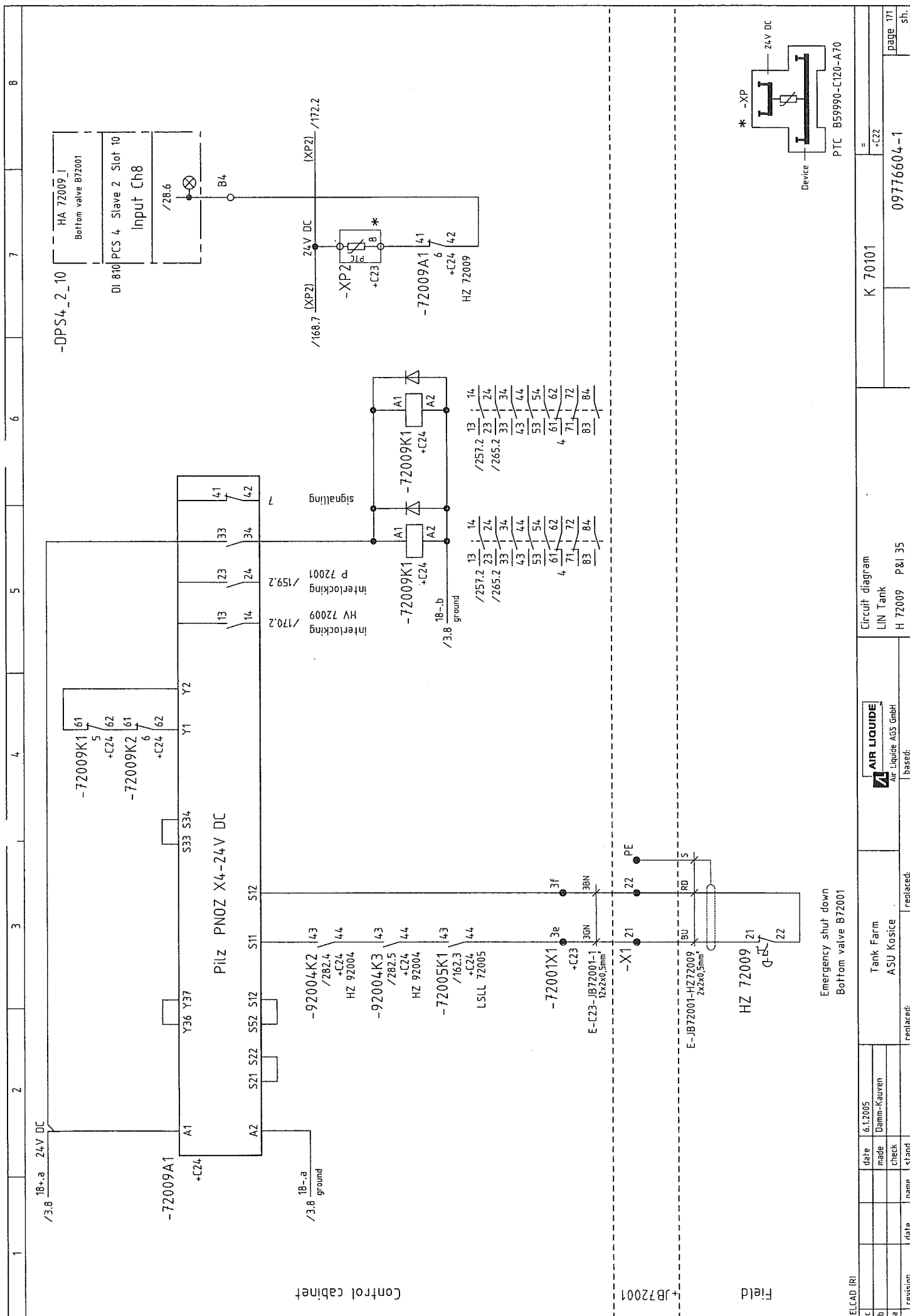
Control cabinet

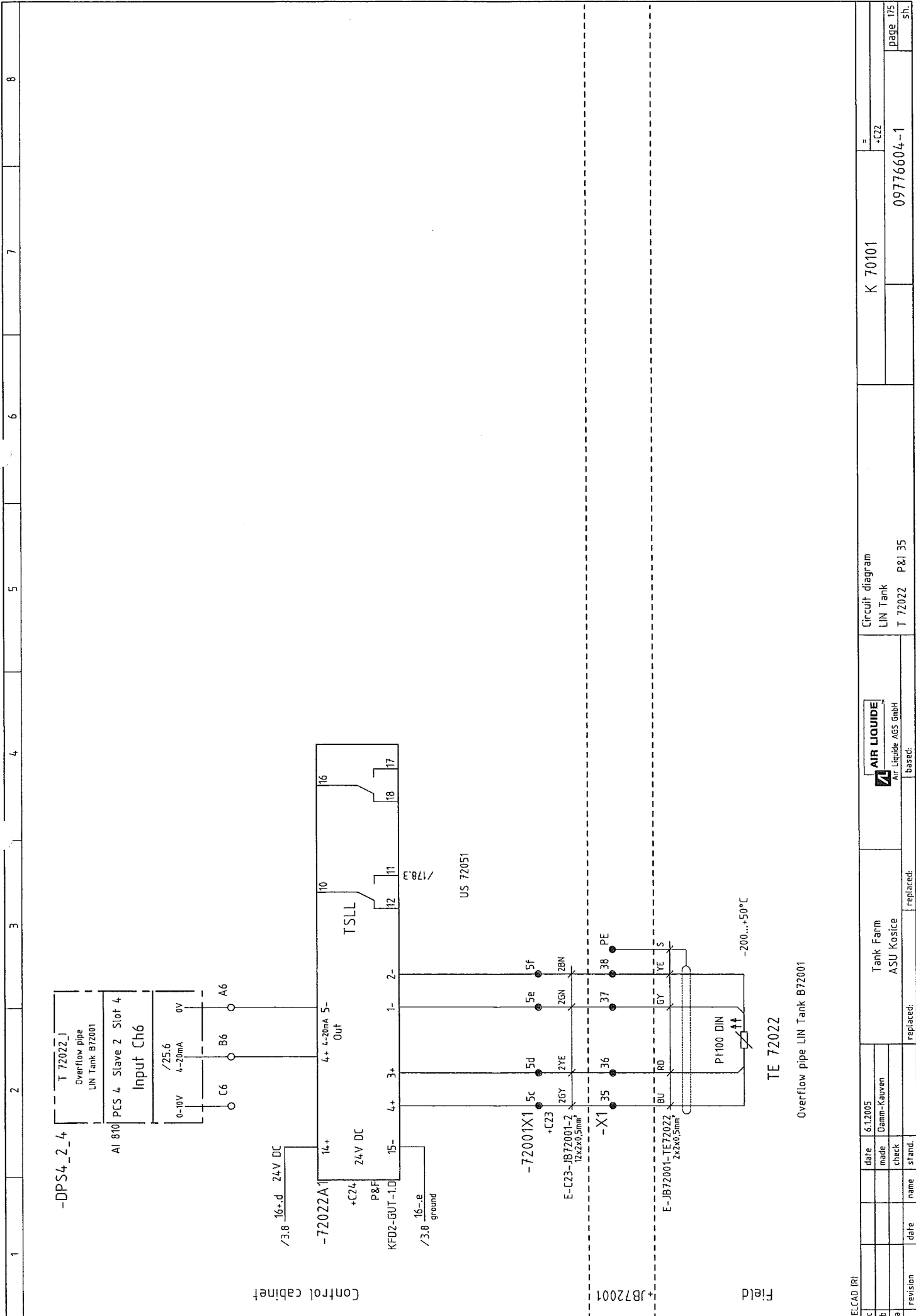
ELCAD (R)		date		6.12.2005		Tank Farm		Circuit diagram		K 70101		=	
c		made		made	Damm-Kauven	ASU Kosice		LIN Tank				+C22	
b		check		check		replaced:		P 72004		P&I 35		09776604-1	
a		stand.		stand.		replaced:						page 161	
revision		date		name		replaced:						sh.	

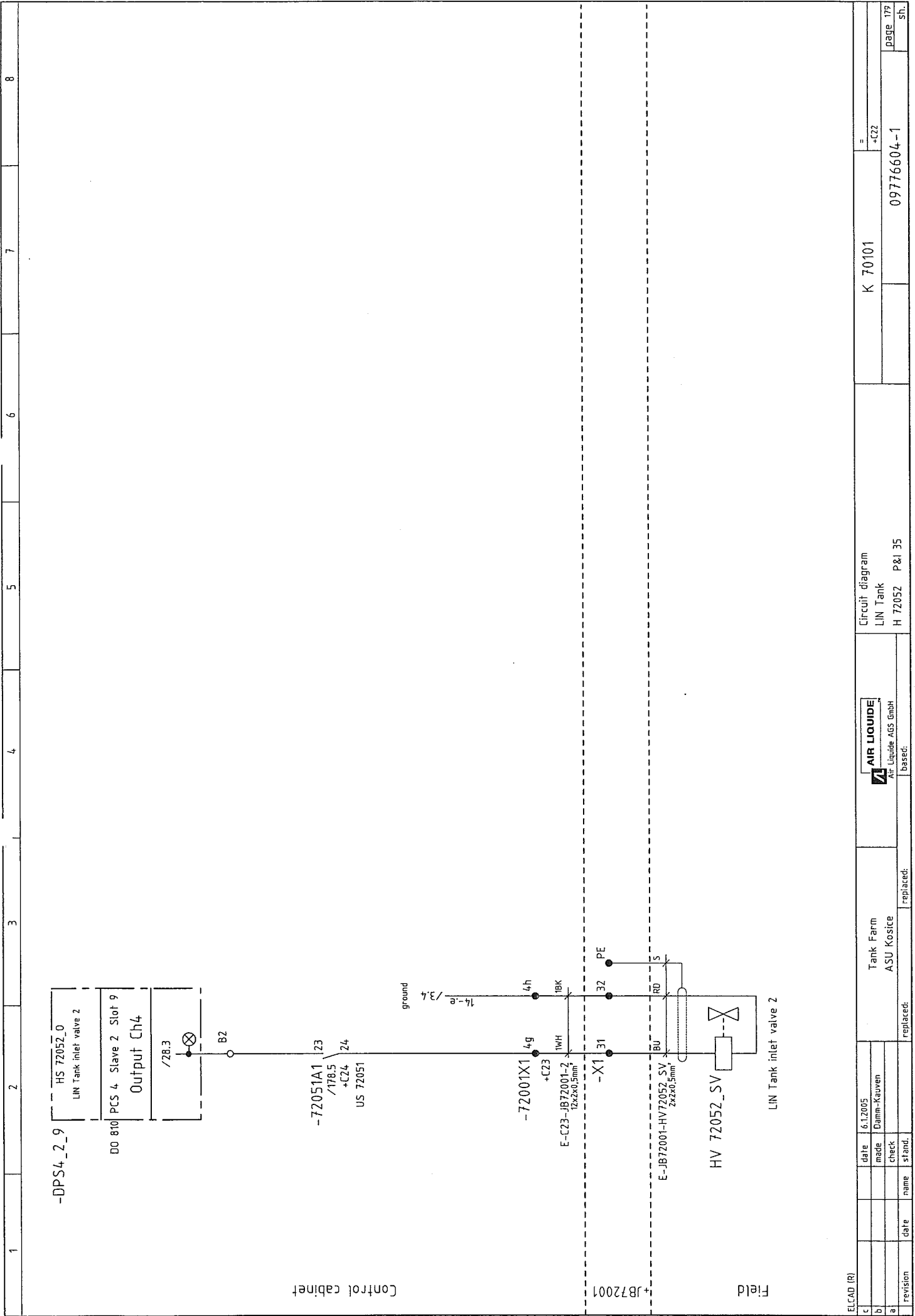


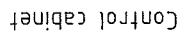








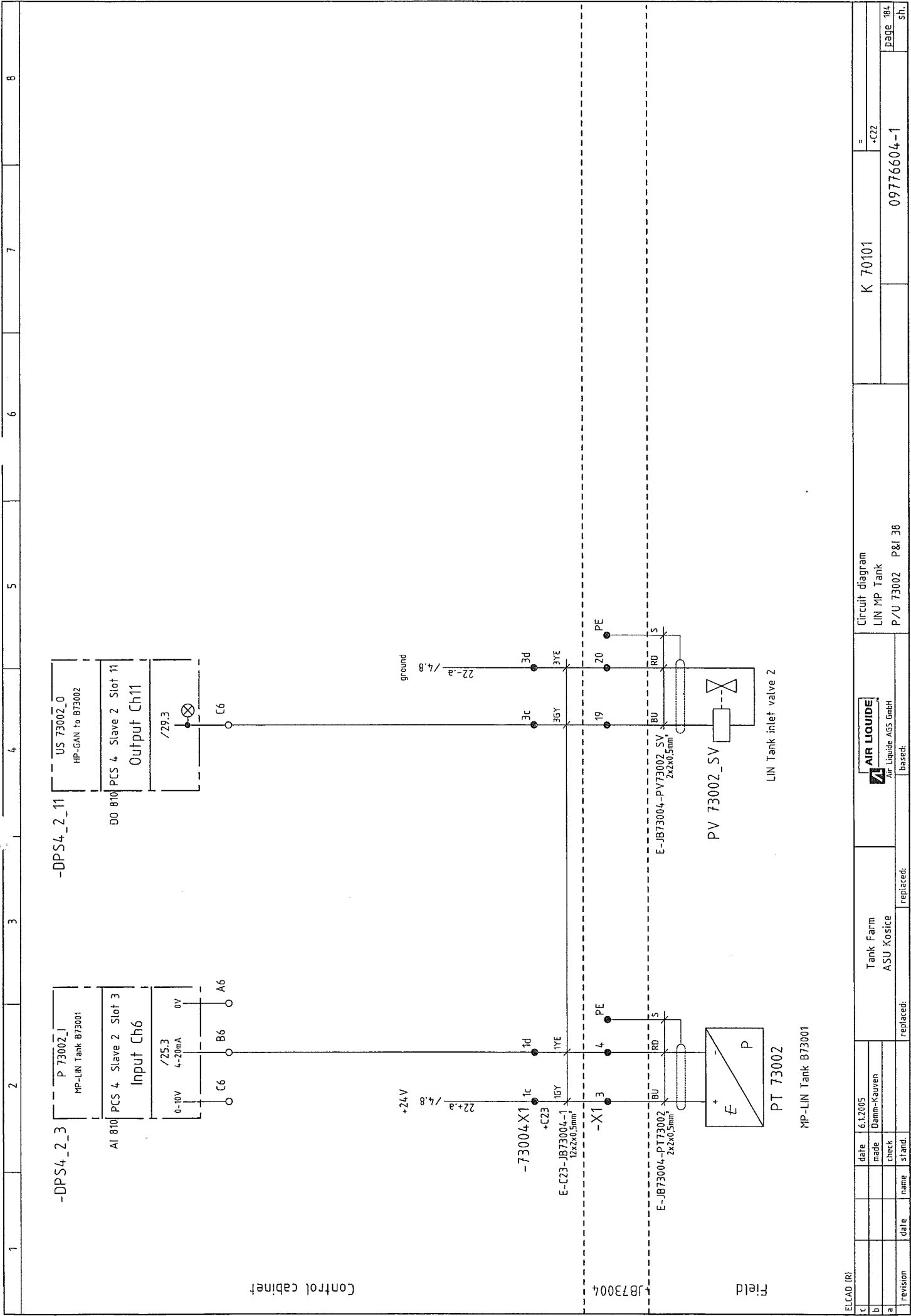


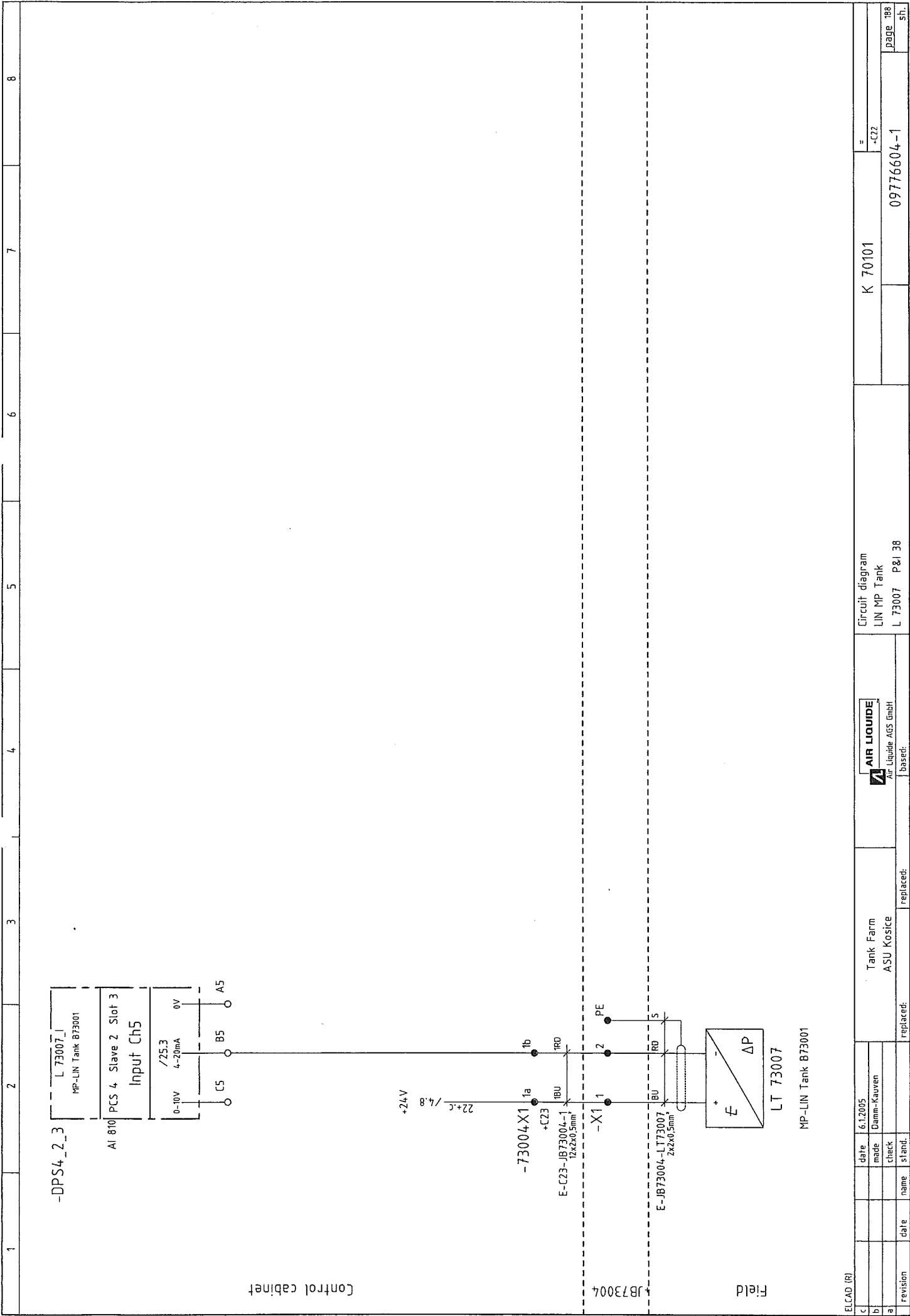


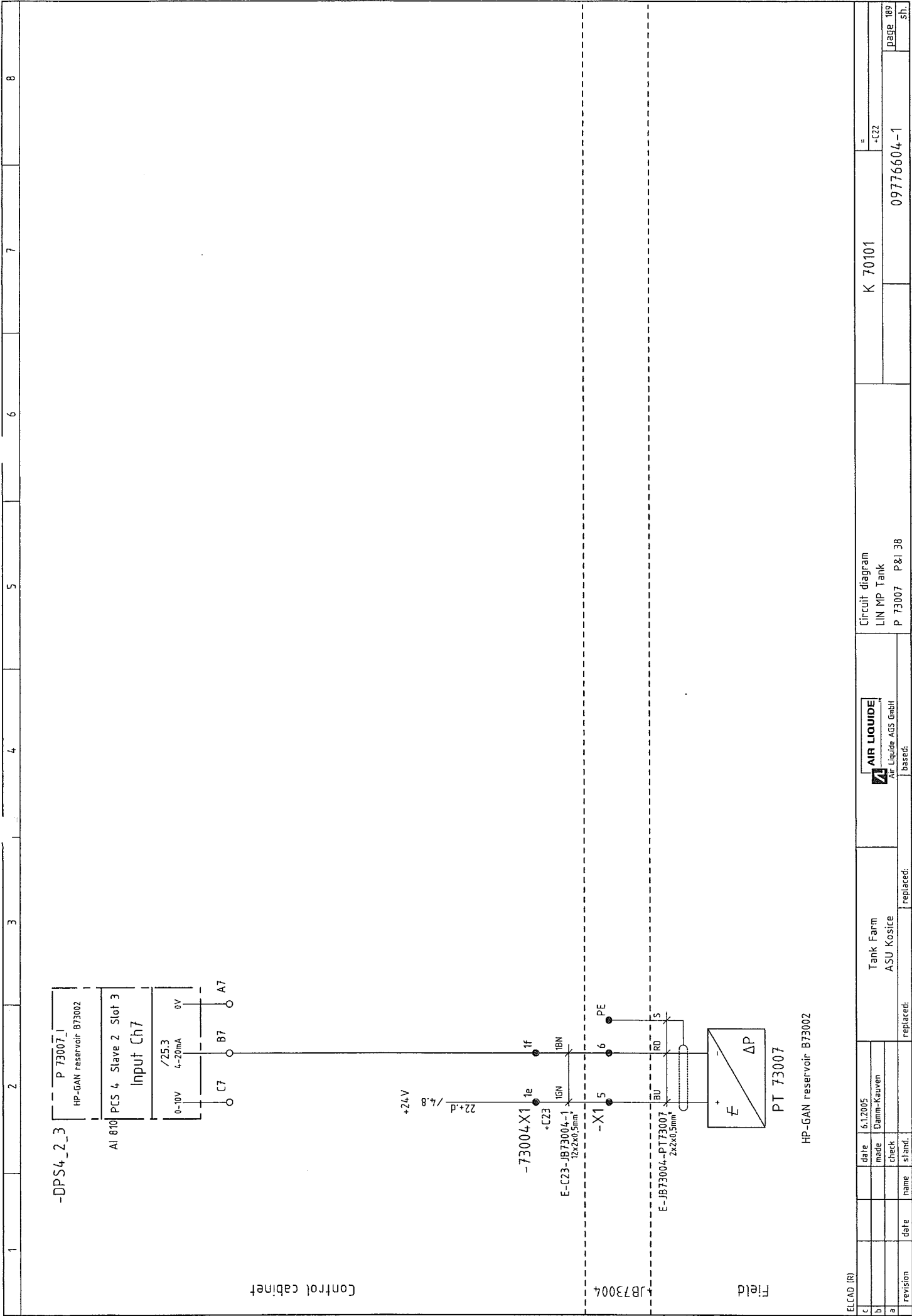
LIN converter cycle

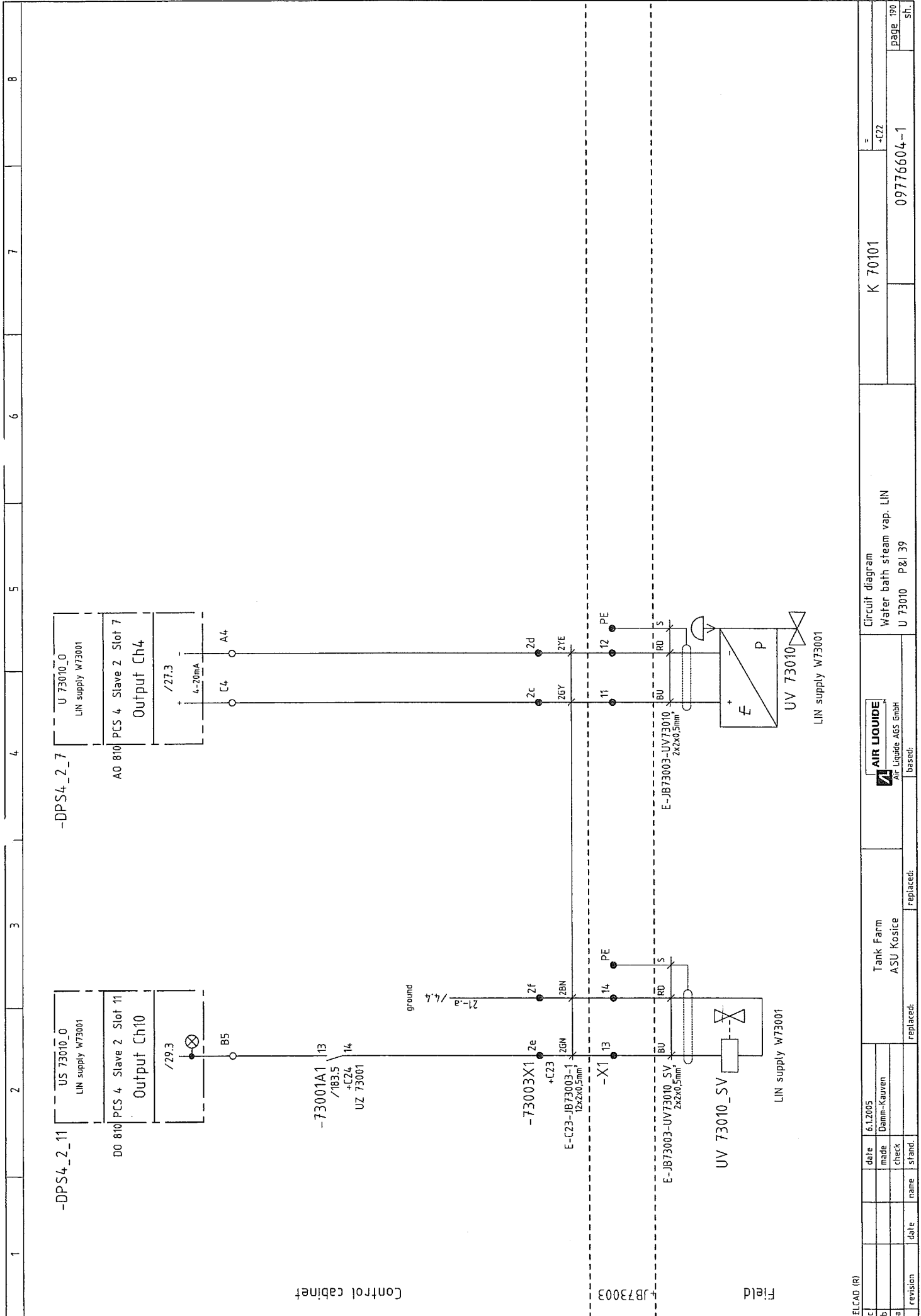
ELCAD (R)				Circuit diagram		LIN Tank		K 70101		=		+L22	
c			date	Tank Farm									
b			made	Damm-Kauven									
a			check	ASU Kosice									
			name	replaced:									
			date	replaced:									
			revision										
				Air LIQUIDE		Air Liquide AGS GmbH							
				based:									
				H 72053		P&I 35							
				09776604-1									
				page 180									
				sh.									

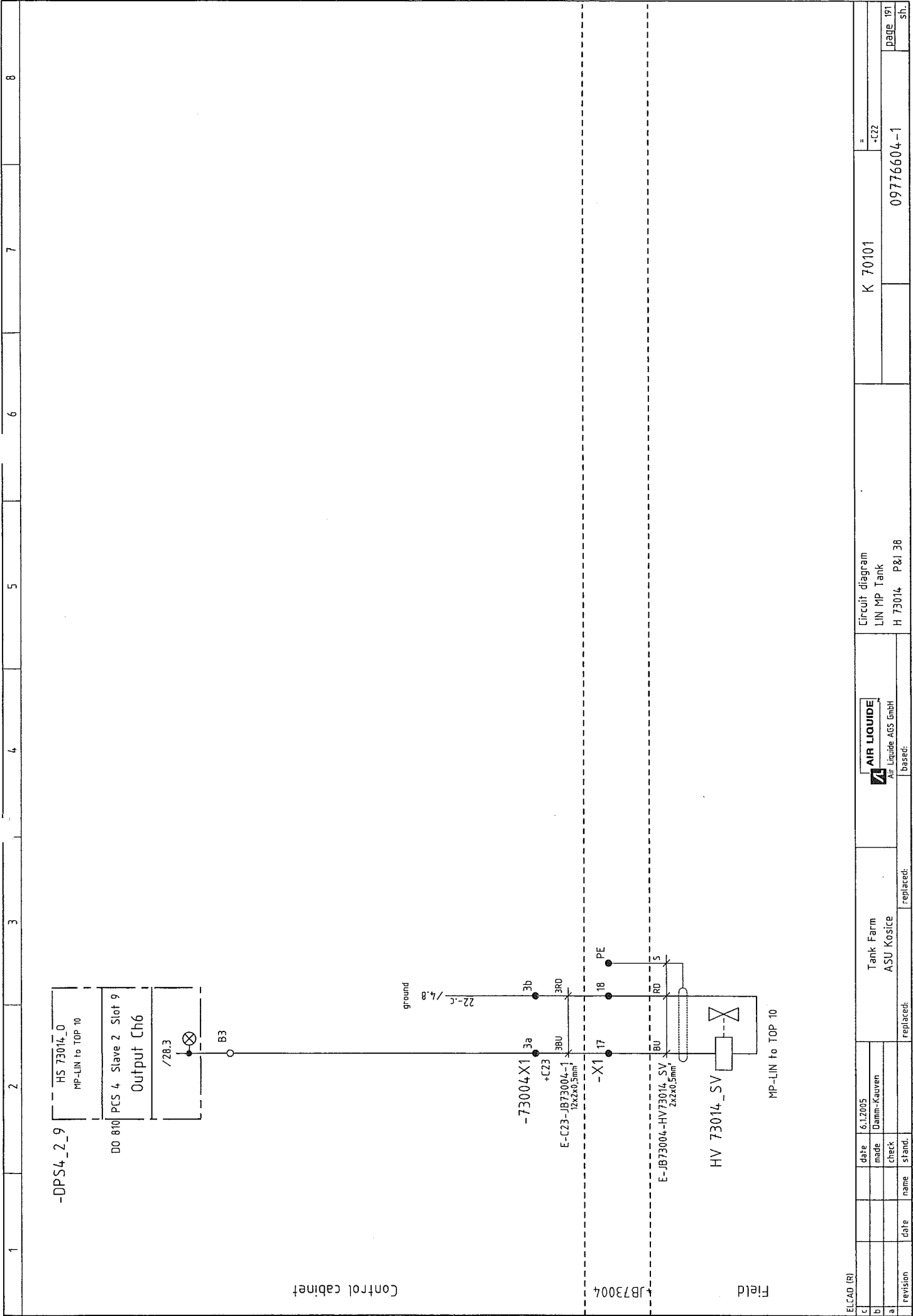
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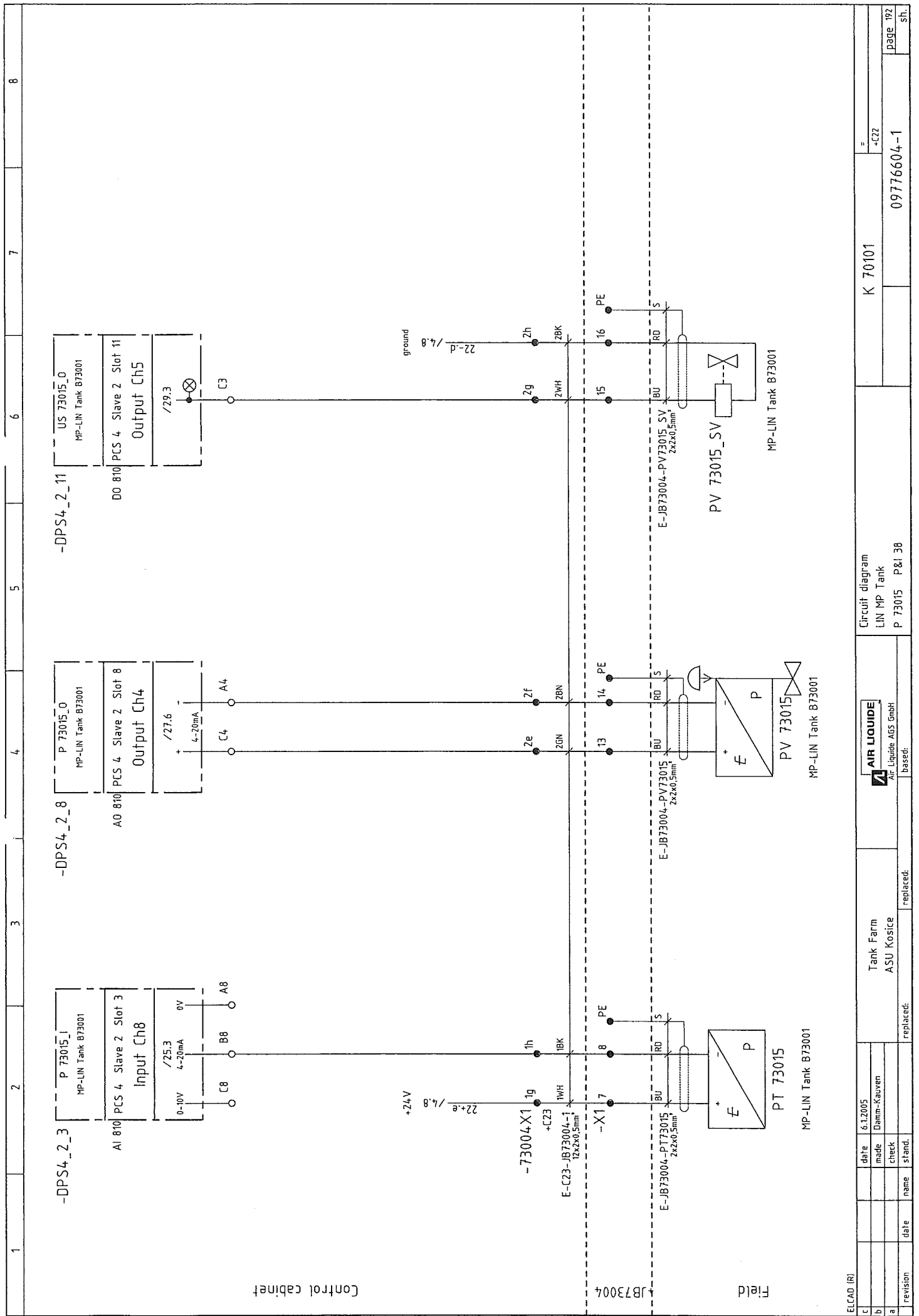








ELCAD (R)		date		6.1.2005	Tank Farm		Circuit diagram		K 70101		" +C22	
c		made		Damm-Kauven	ASU Kosice		LIN MP Tank					
b		check			replaced:		H 73014 P&I 38				09776604-1	
a		name			replaced:		H 73014 P&I 38				page 191	
		date			based:						sh.	



1	2	3	4	5	6	7	8
Control cabinet							
<div> <div>-DPS4_2_9</div> <div> <div> <div>HS 73016_0</div> <div>Reset MP-LIN Trip B73001</div> </div> <div> <div>DO 810 PCS 4 Slave 2 Slot 9</div> <div>Output Ch7</div> <div>/28.3</div> <div>⊗</div> <div>C4</div> </div> <div> <div>-73016K1</div> <div>A1</div> <div>A2</div> <div>+C24</div> <div>/4.8 23-b ground</div> </div> <div> <div>/194.3</div> <div>14</div> <div>12</div> <div>24</div> <div>22</div> <div>11</div> <div>21</div> </div> </div> </div>							
ELCAD (R)			Tank Farm		Circuit diagram		
c		date	6.12.2005		LIN Mp Tank		K 70101
b		made	Damm-Kauven		H 73016 P&I 38		= +C22
a		check			replaced:		09776604-1
		name			replaced:		sh.
revision	date	stand.			page 193		

[illegible]