

# COMPUTER CONTROL SYSTEM FOR SULPHUREX PLANT

## LOOP DRAWINGS

(DESMET BALLESTRA'S SUPPLY)

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INDEX - INSTRUMENT & ELECTRICAL

LOOP DIAGRAM

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Drawing supplier <b>08039LD01</b>	Rev. <b>2</b>						
Drawing <b>1E35-85-002</b>	Sheets <b>1 of 203</b>	2	ISSUE AFTER TEST	LOGOFIVE	31.03.2010		
Plant <b>SULPHUREX</b>		1	ISSUE FOR CONSTRUCTION	LOGOFIVE	26.02.2010		
		0	ISSUE FOR APPROVAL	LOGOFIVE	23.02.2010		
	Rev.		Issue description	Author	Date		

Sheet	Revisions					
	Description	0	1	2	3	4
001	COVER PAGE	x	x	x		
002	INDEX	x	x	x		
003	INDEX	x	x	x		
004	INDEX	x	x	x		
005	SPARE SHEET	x				
006	SPARE SHEET	x				
007	SYMBOLS LEGEND	x	x	x		
008	MOTOR 11K1-M	x				
009	MOTOR 11K2-M	x				
010	MOTOR 11P1-M	x				
011	MOTOR 11P2-M	x				
012	MOTOR 12K1-M	x				
013	MOTOR 14P1-M	x				
014	MOTOR 14K1-M	x		x		
015	MOTOR 16P1-M	x				
016	MOTOR 16P2-M	x				
017	MOTOR 16P3-M	x				
018	MOTOR 06P1-M	x				
019	MOTOR 06P2-M	x				
020	MOTOR 06P3-M	x				
021	MOTOR 16P4-M	x				
022	MOTOR 16A1-M	x				
023	MOTOR 16MX2-M	x				
024	MOTOR 25P1-M	x	x	x		
025	MOTOR 25P2-M	x	x	x		
026	MOTOR 33P1-M	x				
027	MOTOR 33P2-M	x				
028	MOTOR 33P3-M	x				
029	MOTOR 33P4-M	x				
030	MOTOR 33P5-M	x				
031	MOTOR 33P6-M	x				
032	MOTOR 33P7-M	x				
033	MOTOR 33P8-M	x				
034	MOTOR 33D1-M	x				
035	MOTOR 33MX1-M	x				
036	MOTOR 33A1-M	x				
037	MOTOR 33A2-M	x				
038	MOTOR Spare MOT.1	x				
039	MOTOR Spare MOT.2	x				
040	LOCAL PANEL KU-14.1	x				
041	LOCAL PANEL KU-11.1	x				
042	LOCAL PANEL BK-12.1	x				
043	LOCAL PANEL KU-12.1	x				
044	SPARE D.O.	x				
045	SPARE D.O.	x				

Sheet	Revisions					
	Description	0	1	2	3	4
046	SPARE D.O.	x				
047	SPARE D.O.	x				
048	SPARE D.O.	x				
049	SPARE D.O.	x				
050	SPARE D.O.	x				
051	SPARE SHEET	x				
052	VALVE KV 11.1A/B	x	x			
053	VALVE KV 11.1A/B	x				
054	VALVE KV 11.2	x	x			
055	VALVE KV 11.3	x	x			
056	VALVE KV 11.4	x	x			
057	VALVE KV 11.5	x				
058	VALVE KV 11.6	x	x			
059	VALVE KV 11.8	x	x			
060	VALVE KV 11.10A	x	x			
061	VALVE KV 11.10B	x	x			
062	VALVE KV 11.11	x	x			
063	VALVE KV 11.12	x	x			
064	VALVE KV 11.18	x				
065	VALVE KV 11.19	x				
066	VALVES KY 11.15, KY11.16	x	x			
067	VALVE KV 12.2	x				
068	VALVE KV 12.3	x				
069	VALVE KV 12.4	x				
070	VALVE KV 12.5	x				
071	VALVE KV 16.1	x				
072	VALVE KV 16.17	x				
073	VALVE KV 16.20	x				
074	VALVE LV 25.1	x				
075	VALVE KV 33.1	x				
076	VALVE LV 33.2	x				
077	VALVE KV 11.9	x				
078	SPARE VALVE 1	x				
079	SPARE VALVE 2	x				
080	SPARE VALVE 3	x				
081	SPARE VALVE 4	x				
082	SPARE SHEET	x				
083	VALVE HV 16.18	x				
084	VALVE HV 25.1	x				
085	VALVE HV 25.2	x				
086	VALVE HV 25.3	x				
087	SPARE SHEET	x				
088	SPARE DIGITAL OUTPUT	x				
089	SPARE DIGITAL OUTPUT	x				
090	SPARE DIGITAL OUTPUT	x				

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				2	ISSUE AFTER TEST	LOGOFIVE	31.03.2010
Drawing <b>1E35-85-002</b>	Sheet <b>2</b>	Drawing's title <b>INDEX</b>		1	ISSUE FOR CONSTRUCTION	LOGOFIVE	26.02.2010
				0	ISSUE FOR APPROVAL	LOGOFIVE	23.02.2010
			Revision	Issue description		Author	Date

Sheet	Revisions					
	Description	0	1	2	3	4
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092	SPARE DIGITAL OUTPUT	x				
093	SPARE DIGITAL OUTPUT	x				
094	SPARE DIGITAL OUTPUT	x				
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099	SPARE DIGITAL OUTPUT	x				
100	SPARE DIGITAL OUTPUT	x				
101	SPARE DIGITAL OUTPUT	x				
102	SPARE DIGITAL OUTPUT	x				
103	PRESSURE SWITCH PSH11.8	x				
104	PRESSURE SWITCH PSH12.1	x				
105	THRESHOLD TISH12.1.1	x	x			
106	TEMPERATURE TISHH12.5B	x				
107	LEVEL SWITCH LSH/L16.6	x				
108	PRESSURE SWITCH PISH/L16.18	x	x			
109	LEVEL SWITCH LSL33.4	x				
110	LEVEL SWITCH LSH/L33.3	x				
111	PRESSURE SWITCH PSH33.1	x				
112	PRESSURE SWITCH PSL33.11	x				
113	LEVEL SWITCH LSL33.5	x				
114	LEVEL SWITCH LSH/L33.6	x				
115	LEVEL SWITCH LSH/L33.7	x				
116	PRESSURE SWITCH PISH33.7	x				
117	PRESSURE SWITCH PISH33.8	x				
118	SHUT DOWN FROM 90.LVB.1	x				
119	25P1 OR 25P2 SELECTION	x	x			
120	SPARE DIGITAL INPUT	x				
121	SPARE DIGITAL INPUT	x				
122	SPARE DIGITAL INPUT	x				
123	SPARE DIGITAL INPUT	x				
124	SPARE DIGITAL INPUT	x				
125	SPARE DIGITAL INPUT	x				
126	SPARE SHEET	x				
127	SPARE SHEET	x				
128	SPARE SHEET	x				
129	SPARE SHEET	x				
130	SPARE SHEET	x				
131	PID CONTROLLER PIC16.1	x				
132	PID CONTROLLER LIC16.1	x	x			
133	MOTOR CONTROL FZ-16P3	x				
134	PID CONTROLLER FIC16.3	x				
135	FT-16.4 - DT-16.1	x				

Sheet	Revisions					
	Description	0	1	2	3	4
136	PID CONTROLLER LIC-16.4	x		x		
137	PID CONTROLLER FIC-25.1	x				
138	MOTOR CONTROL FZ-33P6	x				
139	PID CONTROLLER LIC-33.1	x				
140	FLOW TRANSMITTER FT-11.1	x				
141	MOISTURE TRANSMITTER MT-11.1	x				
142	PRESSURE TRANSMITTER PT-11.7	x				
143	THERMO RESISTENCE TET-11.9	x				
144	THERMO RESISTENCE TET-11.10	x				
145	PID CONTROLLER TIC-11.1	x				
146	THERMO RESISTENCE TET-11.11	x				
147	PRESSURE TRANSMITTER PT-11.18	x				
148	THERMO RESISTENCE TET-11.18	x				
149	THERMO RESISTENCE TET-11.15	x				
150	THERMO RESISTENCE TET-12.1.1A	x				
151	THERMO RESISTENCE TET-12.5A	x				
152	THERMO RESISTENCE TET-12.1.2	x				
153	THERMO RESISTENCE TET-12.1.3	x				
154	THERMO RESISTENCE TET-12.1.4	x				
155	THERMO RESISTENCE TET-12.1.5	x				
156	THERMO RESISTENCE TET-12.1.6	x				
157	THERMO RESISTENCE TET-12.1.7	x				
158	THERMO RESISTENCE TET-12.1.8	x				
159	THERMO RESISTENCE TET-12.1.9	x				
160	THERMO RESISTENCE TET-12.1.10	x				
161	THERMO RESISTENCE TET-12.1.11	x				
162	THERMO RESISTENCE TET-12.1.12	x				
163	PID CONTROLLER AIC-14.1	x		x		
164	PID CONTROLLER FIC-16.1	x				
165	PID CONTROLLER FIC-16.2	x				
166	PID CONTROLLER TIC-16.4	x				
167	THERMO RESISTENCE TET-16.1	x				
168	THERMO RESISTENCE TET-16.2	x				
169	THERMO RESISTENCE TET-16.5	x				
170	THERMO RESISTENCE TET-16.6	x				
171	THERMO RESISTENCE TET-16.7	x				
172	THERMO RESISTENCE TET-16.11	x				
173	THERMO RESISTENCE TET-16.15	x				
174	THERMO RESISTENCE TET-25.1	x				
175	THERMO RESISTENCE TET-25.2	x				
176	LEVEL TRANSMITTER LT-25.1	x				
177	PRESSURE TRANSMITTER PT-33.10	x				
178	FT-33.1 - DT-33.1	x				
179	PID CONTROLLER TIC-33.9	x				
180	PID CONTROLLER AIC-33.1	x				

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	08039LD01	Rev. 2	Plant <b>SULPHUREX</b>			
				2	ISSUE AFTER TEST	LOGOFIVE
	Drawing <b>1E35-85-002</b>	Sheet <b>3</b>	Drawing's title <b>INDEX</b>	1	ISSUE FOR CONSTRUCTION	LOGOFIVE
				0	ISSUE FOR APPROVAL	LOGOFIVE
				Revision	Issue description	Author
						Date

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08039LD01

Rev.  
2

**SULPHUREX**

Drawing  
**1E35-85-002**

Sheet 4

## Drawing's title

	08039LD01	Rev. 2	Plant <b>SULPHUREX</b>				
				2	ISSUE AFTER TEST	LOGOFIVE	31.03.2010
	Drawing <b>1E35-85-002</b>	Sheet 4	Drawing's title <b>INDEX</b>	1	ISSUE FOR CONSTRUCTION	LOGOFIVE	26.02.2010
				0	ISSUE FOR APPROVAL	LOGOFIVE	23.02.2010
				Revision	Issue description	Author	Date

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

A

A

B

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C

C

D

D

E

E

F

F

NEXT SHEET : 7

UNI A3					date	02/2010	
					desig.	GC	
0	ISSUE FOR APPROVAL		02/2010	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1		

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-005

SULPHUREX PLANT



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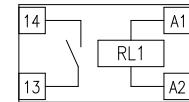
Doc. 08039LD01

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+  
sheet 5  
7 n.sh

Job: 1E35 dwg. 1E35.85.002

1 2 3 4 5 6 7 8 9 10

## SYMBOLS LEGEND



= 24Vdc RELAY MODULE

A.I.	
CONTROLLER	1
I IN 3+	RACK 01
V/I IN 3-	SLOT 02
	CHANNEL 03
	TE/TT 11.1

= I/O CARD

D.O.	
CONTROLLER	1
OUTO	RACK 2
	SLOT 13
	CHANNEL 00
	11K1-M

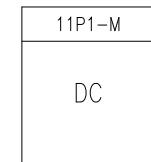
= I/O CARD



= TERMINAL



= TERMINAL WITH FUSE



= SOFTWARE CONTROL BLOCK

## NOTES :

## REFERENCE DRAWINGS

1E35.85.001 – CCS WIRING DIAGRAMS Rev.2

1E35.75.001 – WIRING DIAGRAMS

1E35.80.092 – I/O LIST Rev.3

1	ISSUE FOR CONSTRUCTION	02/2010	GC	date	02/2010	
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	Rev.	Revision	Date	Name	stand.	SPAC9.1

SULPHUREX PLANT

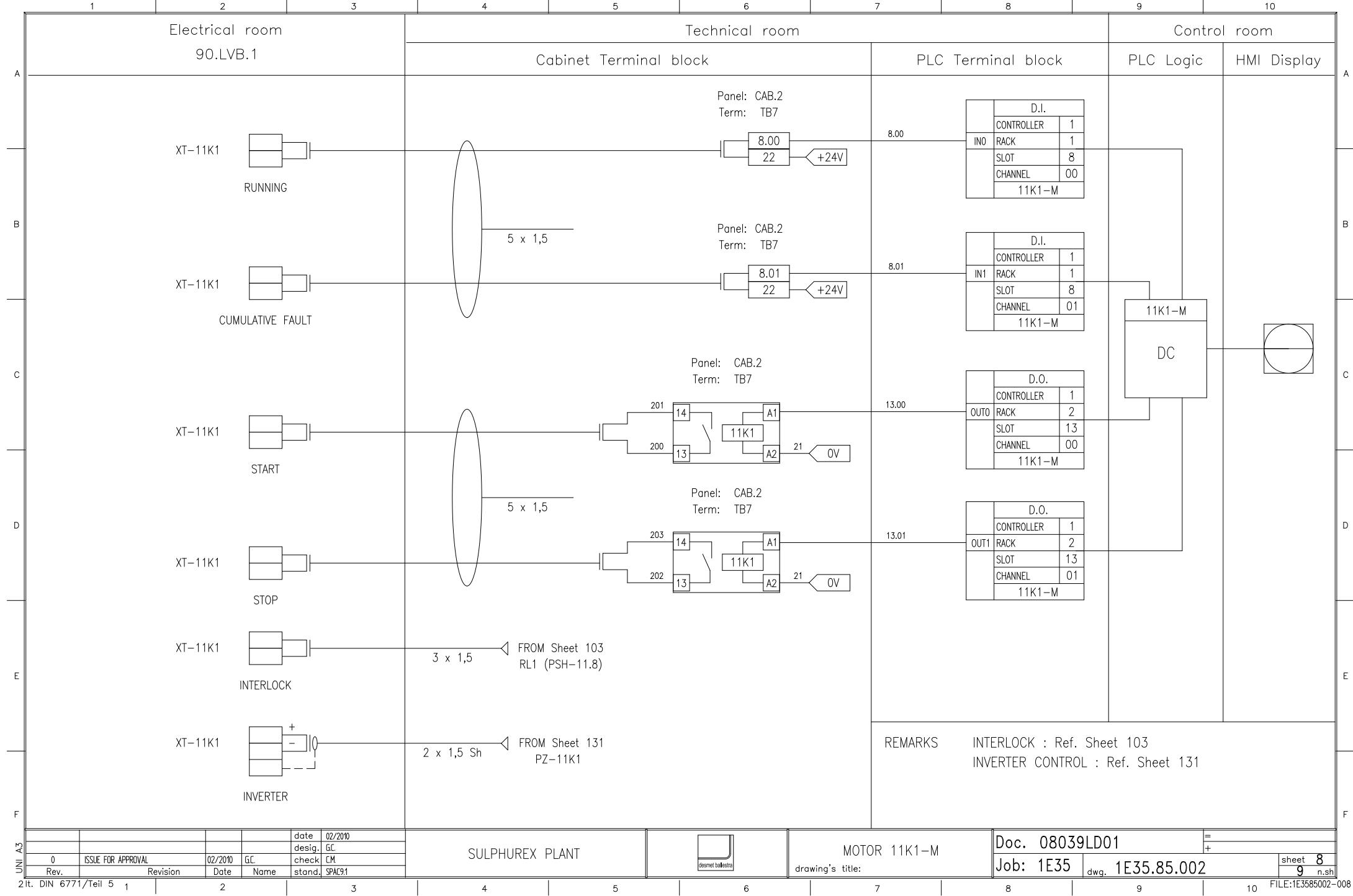
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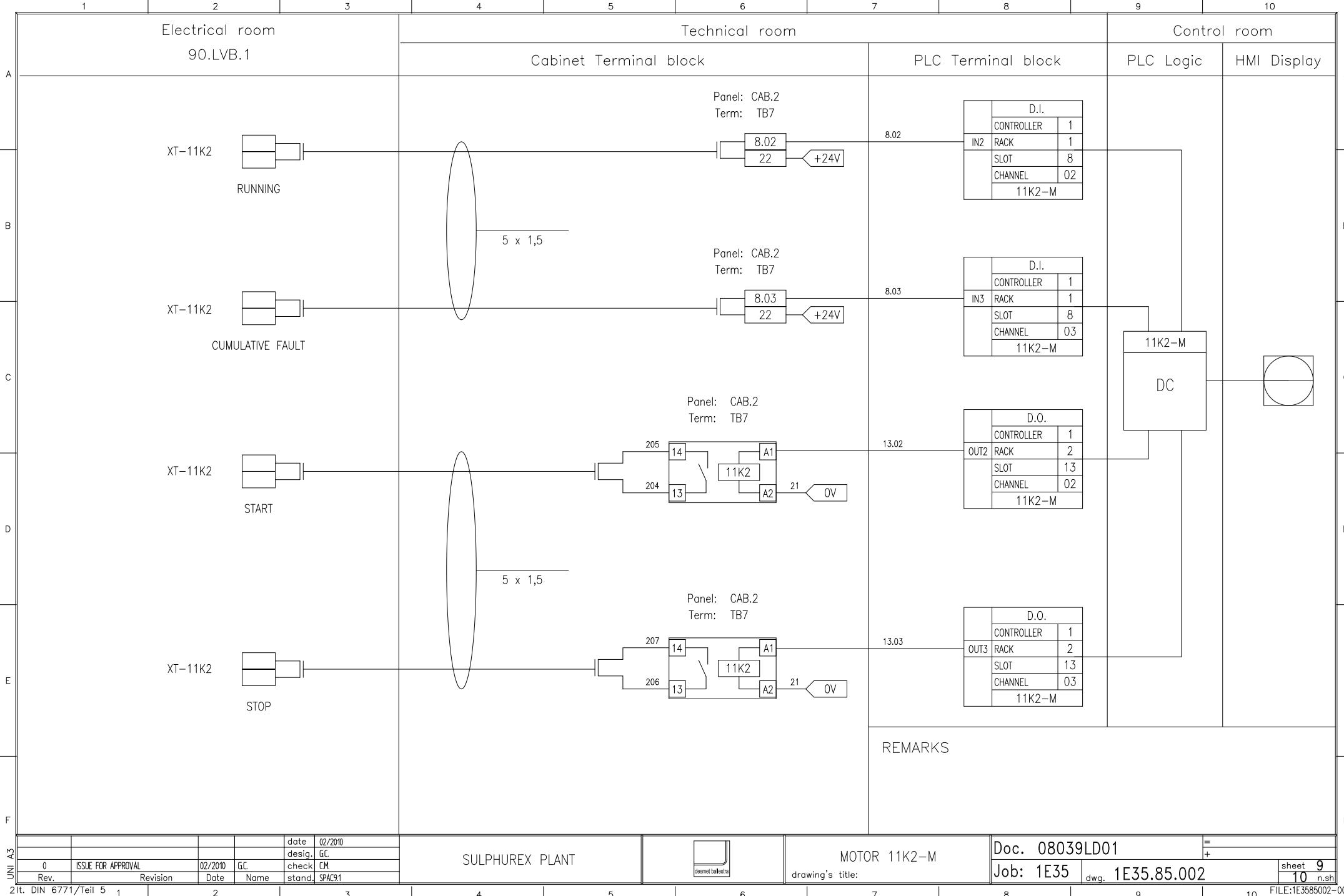
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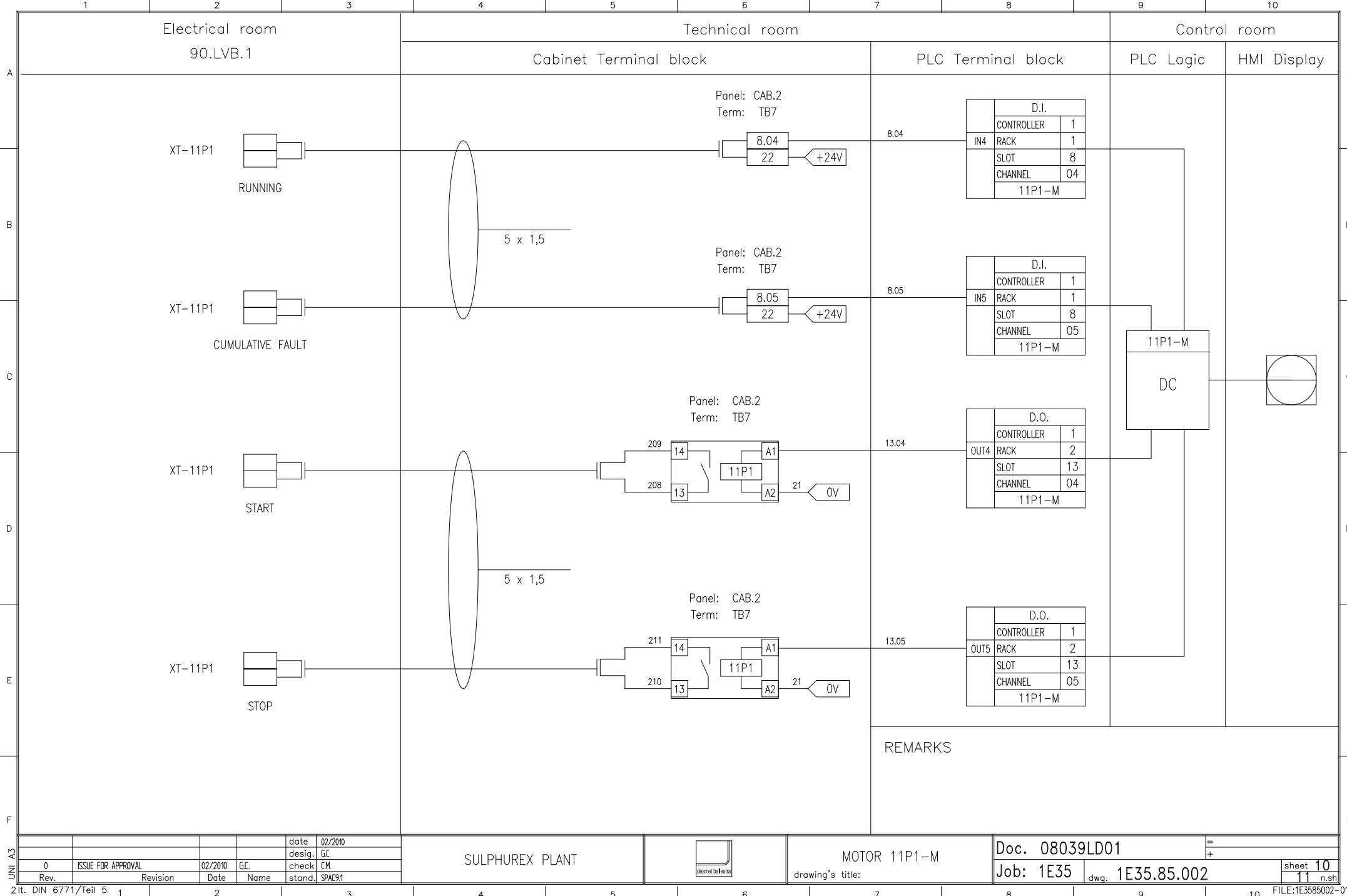
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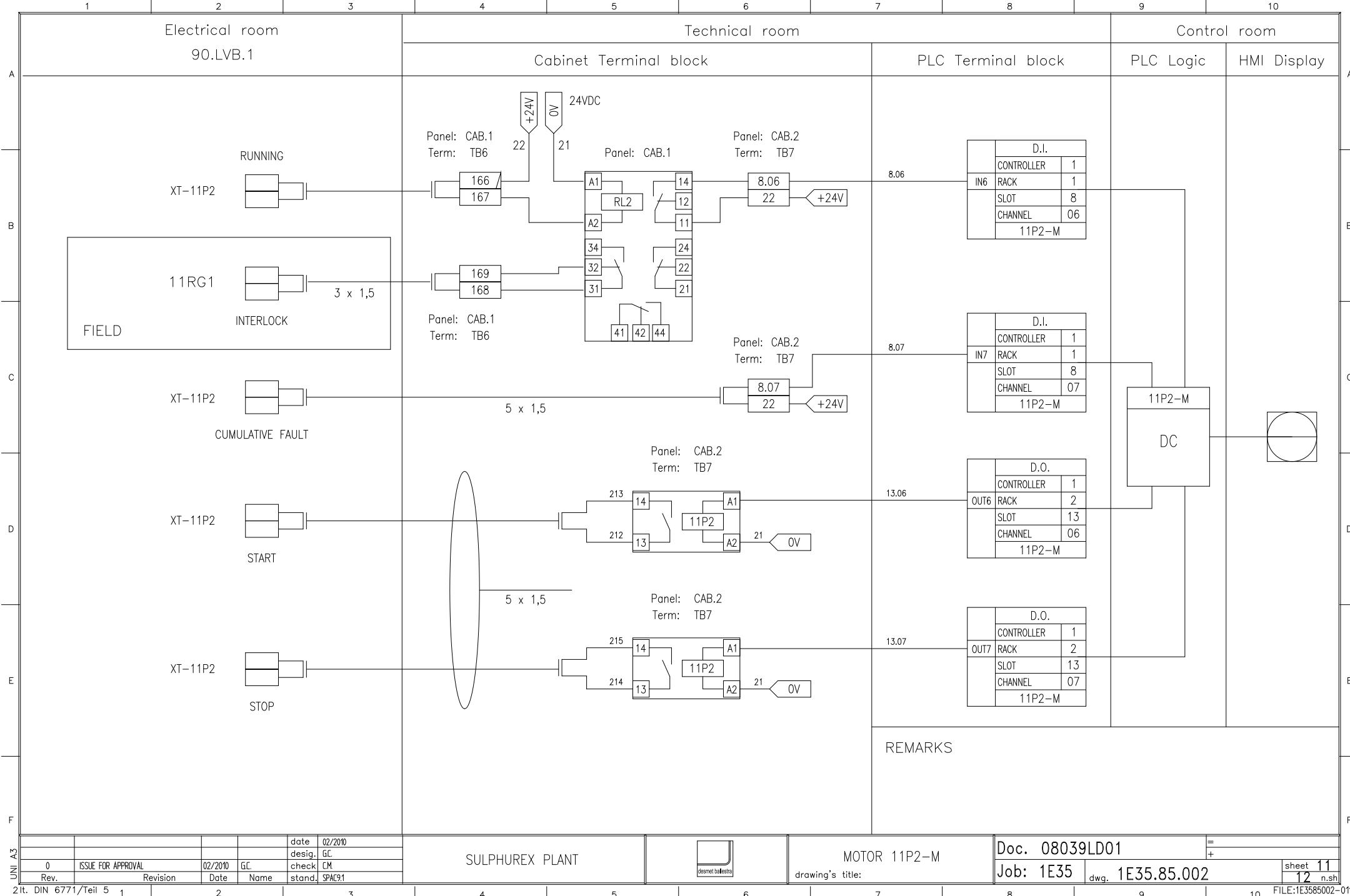
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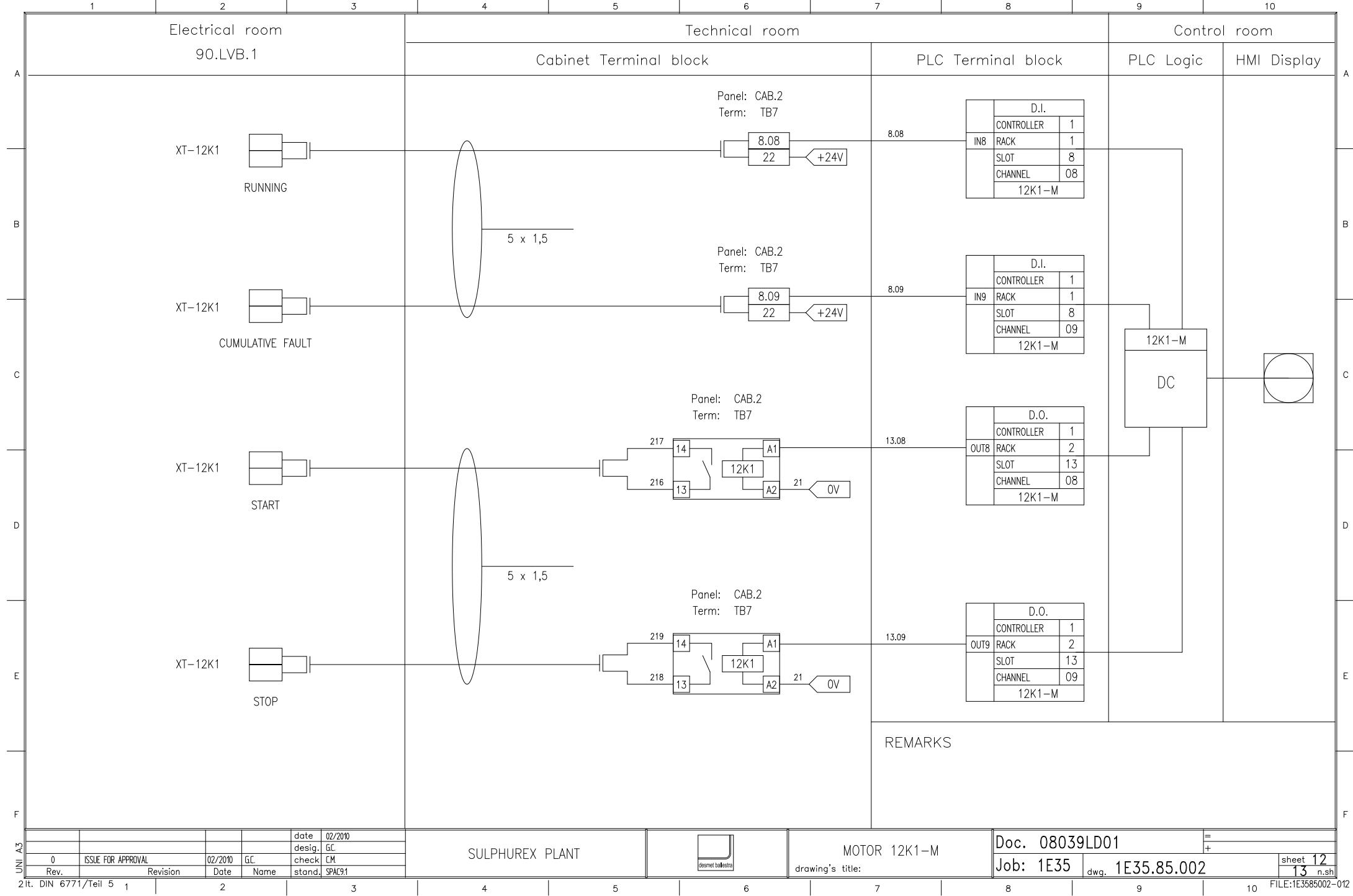
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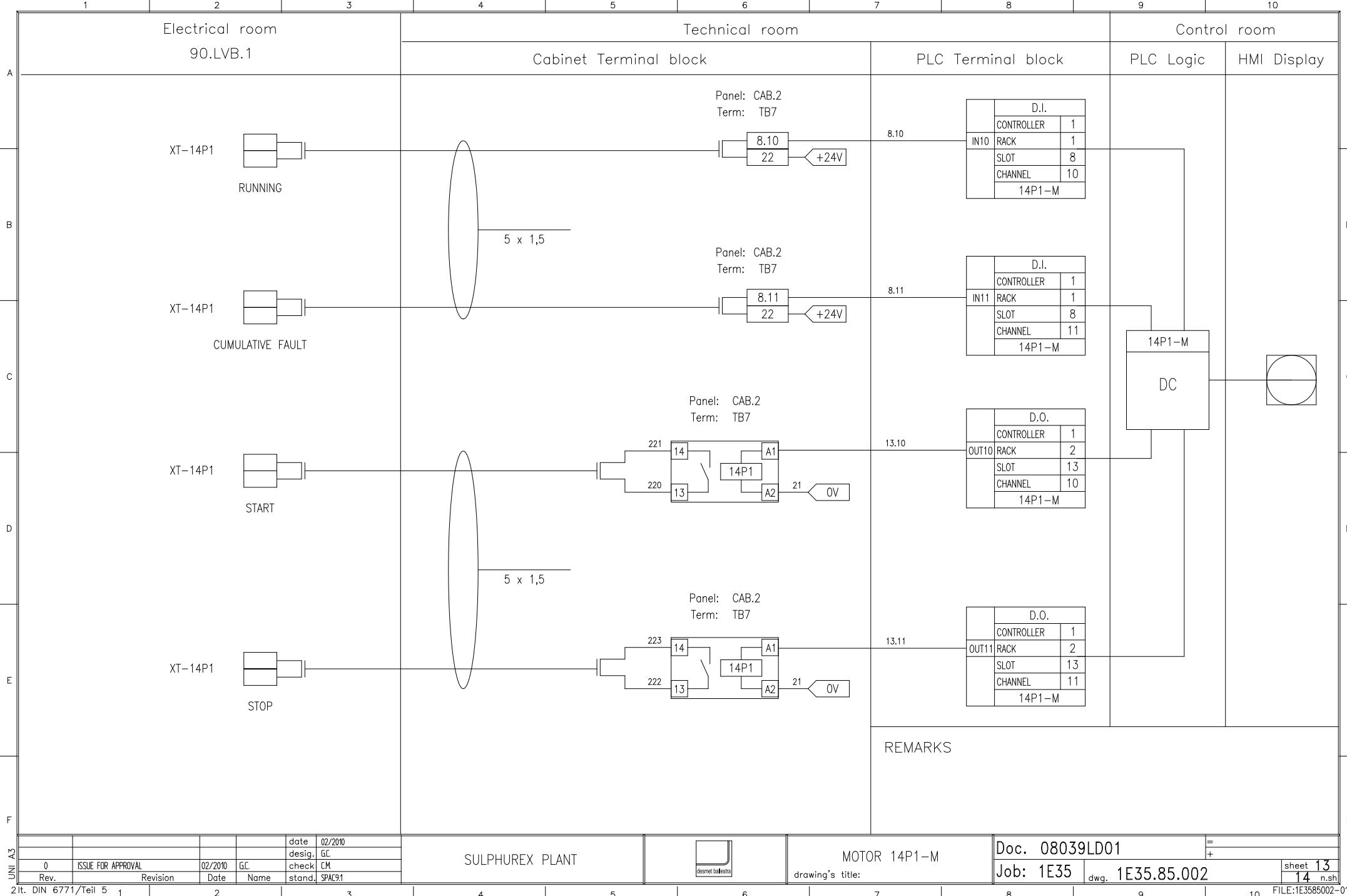


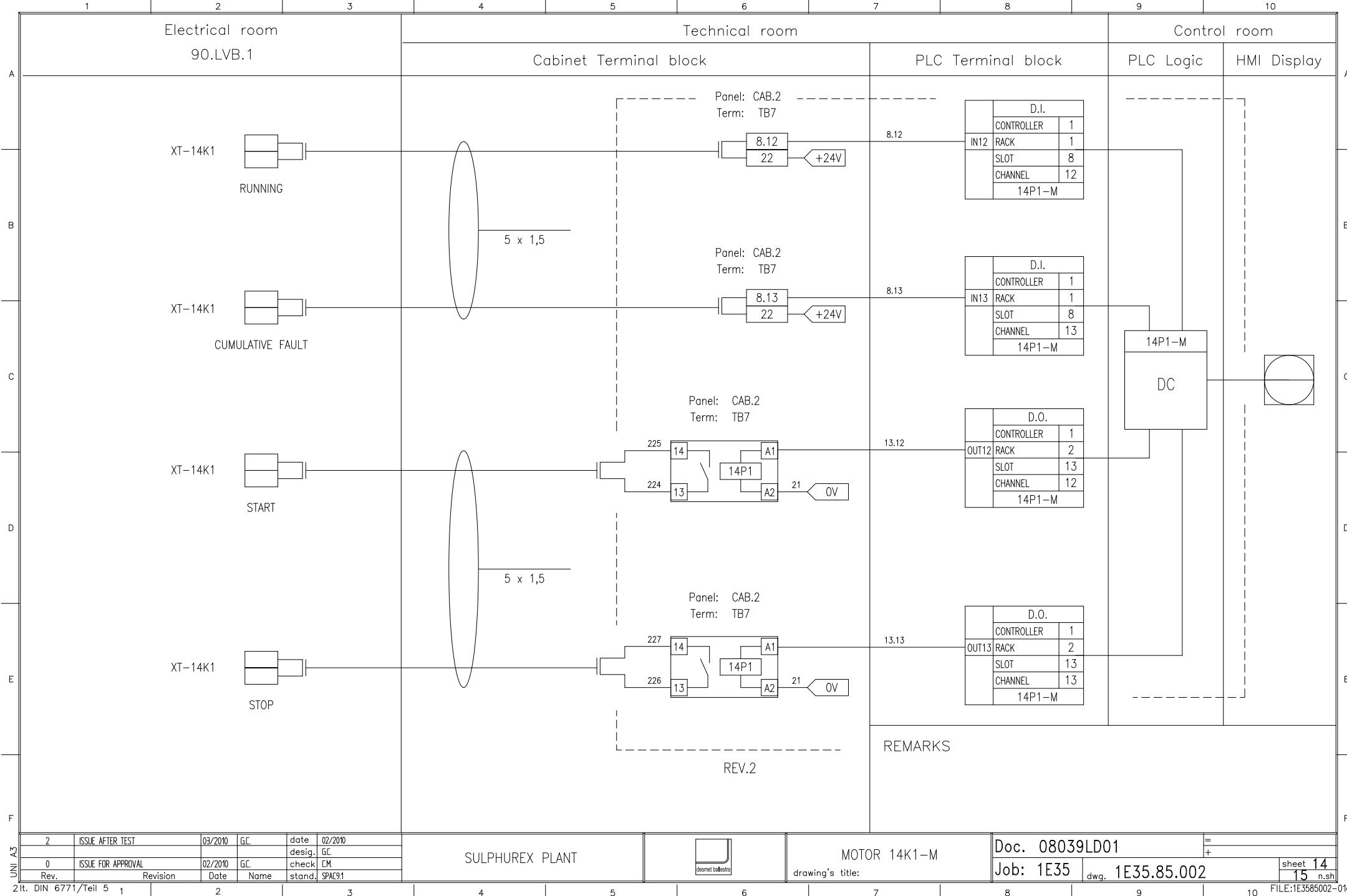


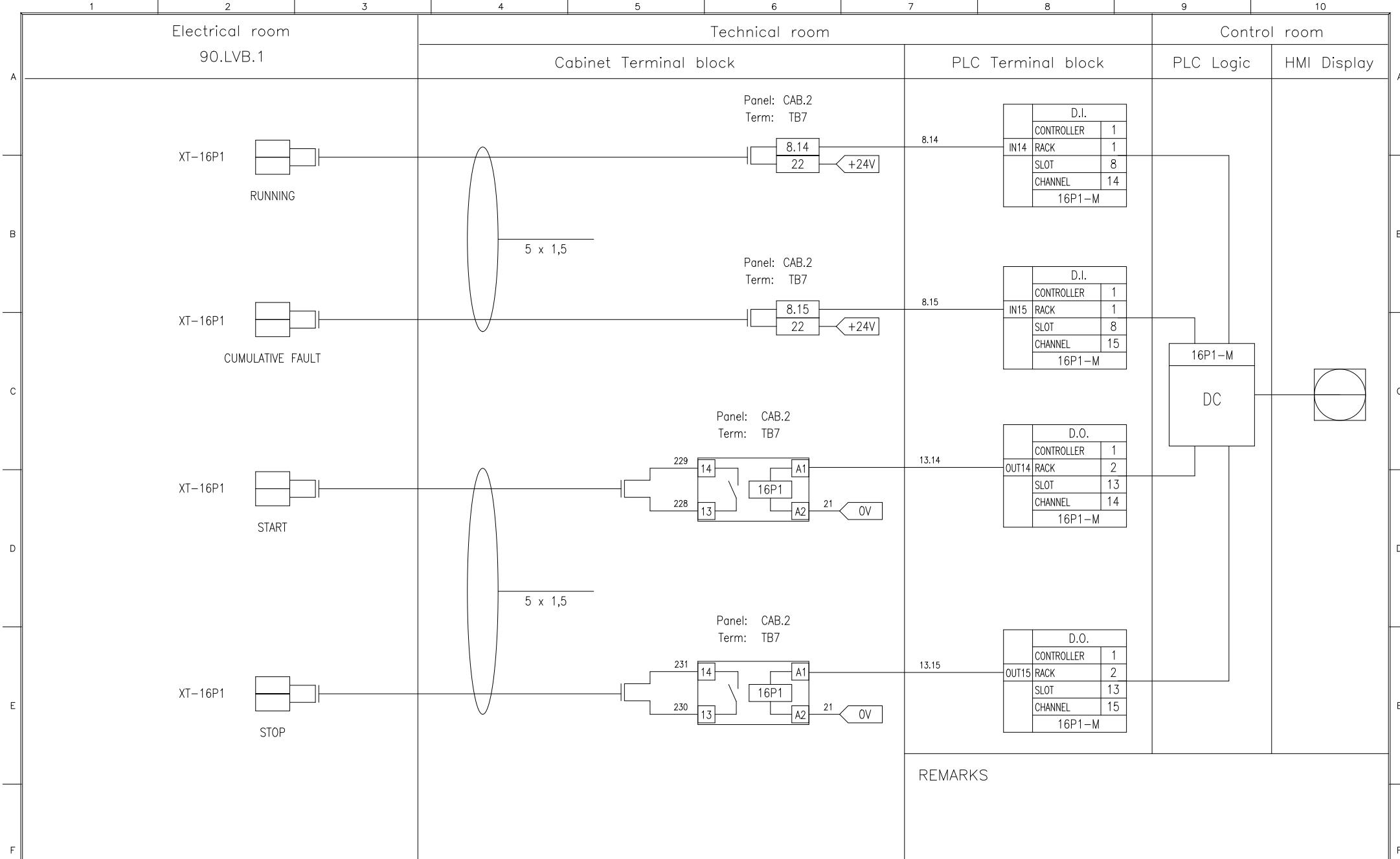












UNI A3					date	02/201
					design.	GC
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Rev.	Revision	Date	Name	stand.	SPAC9	

SULPHUREX PLANT

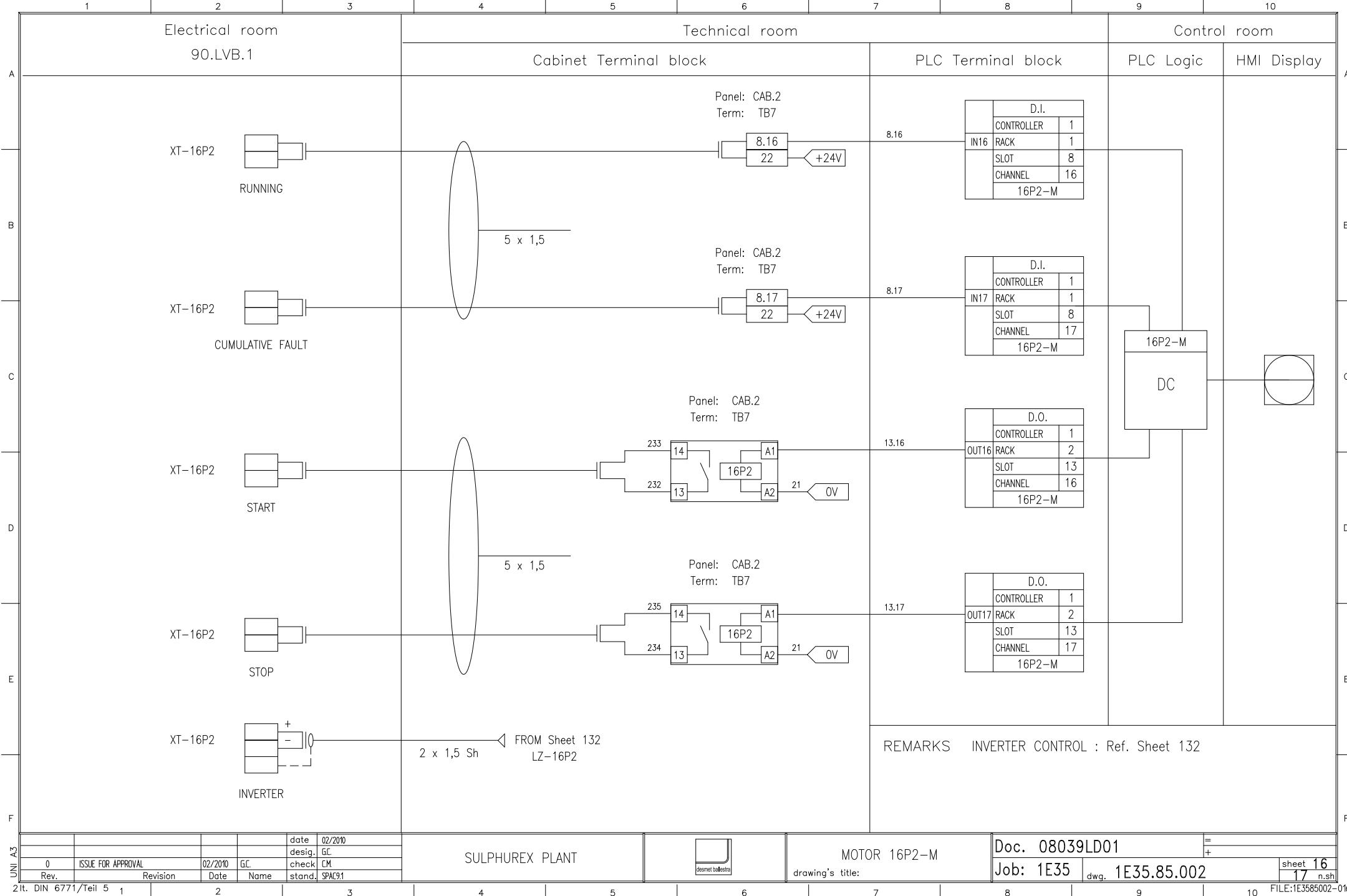


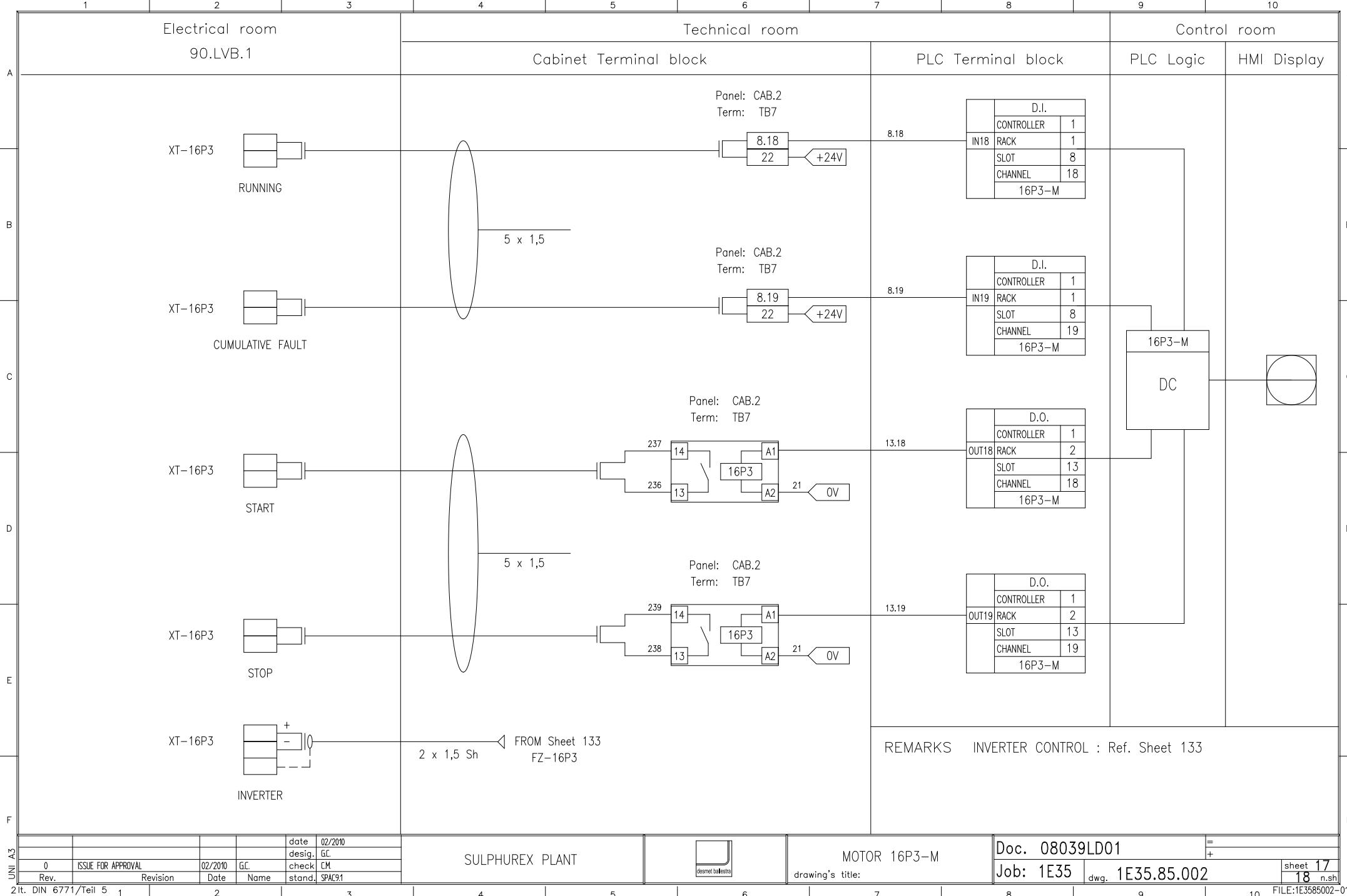
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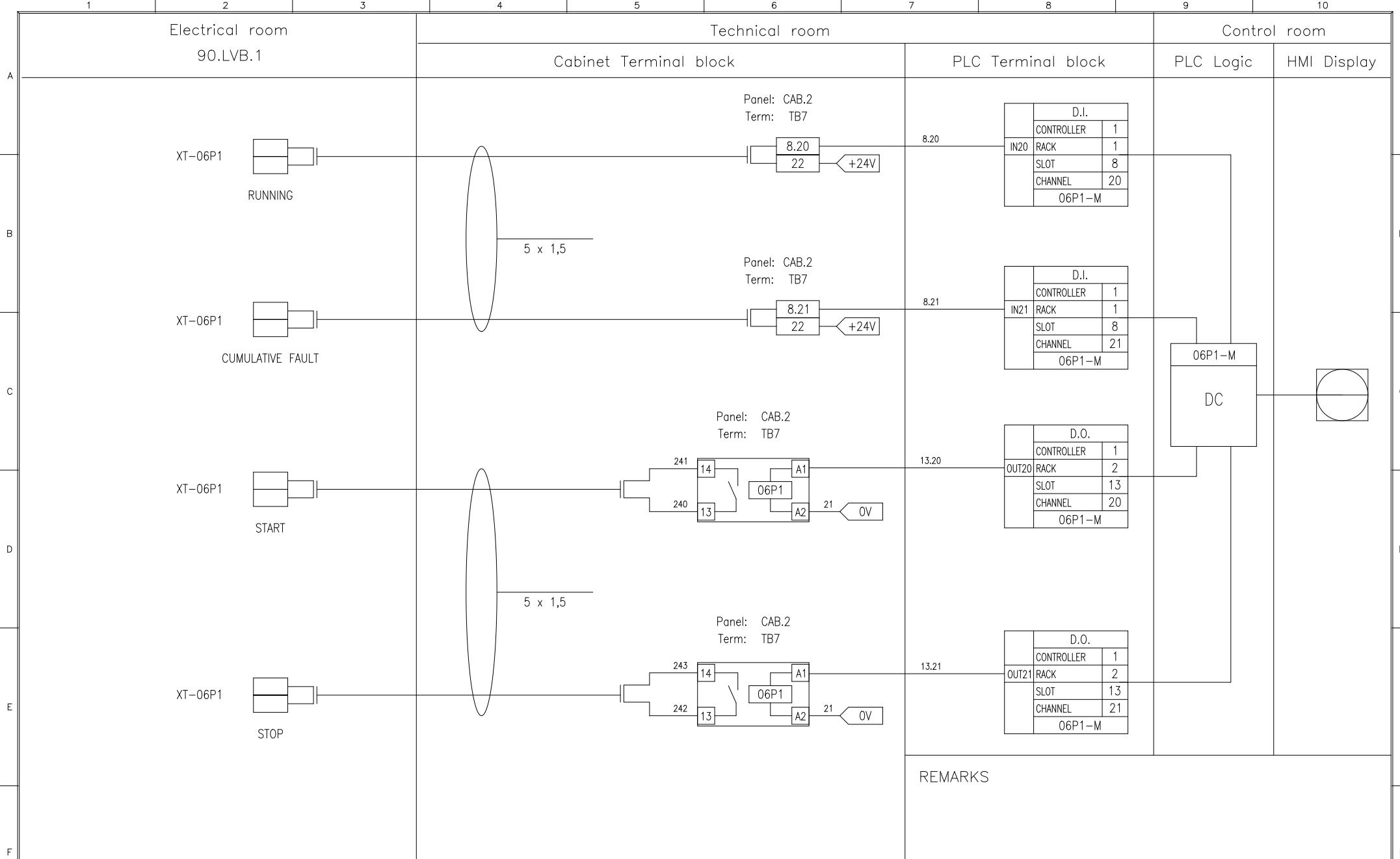
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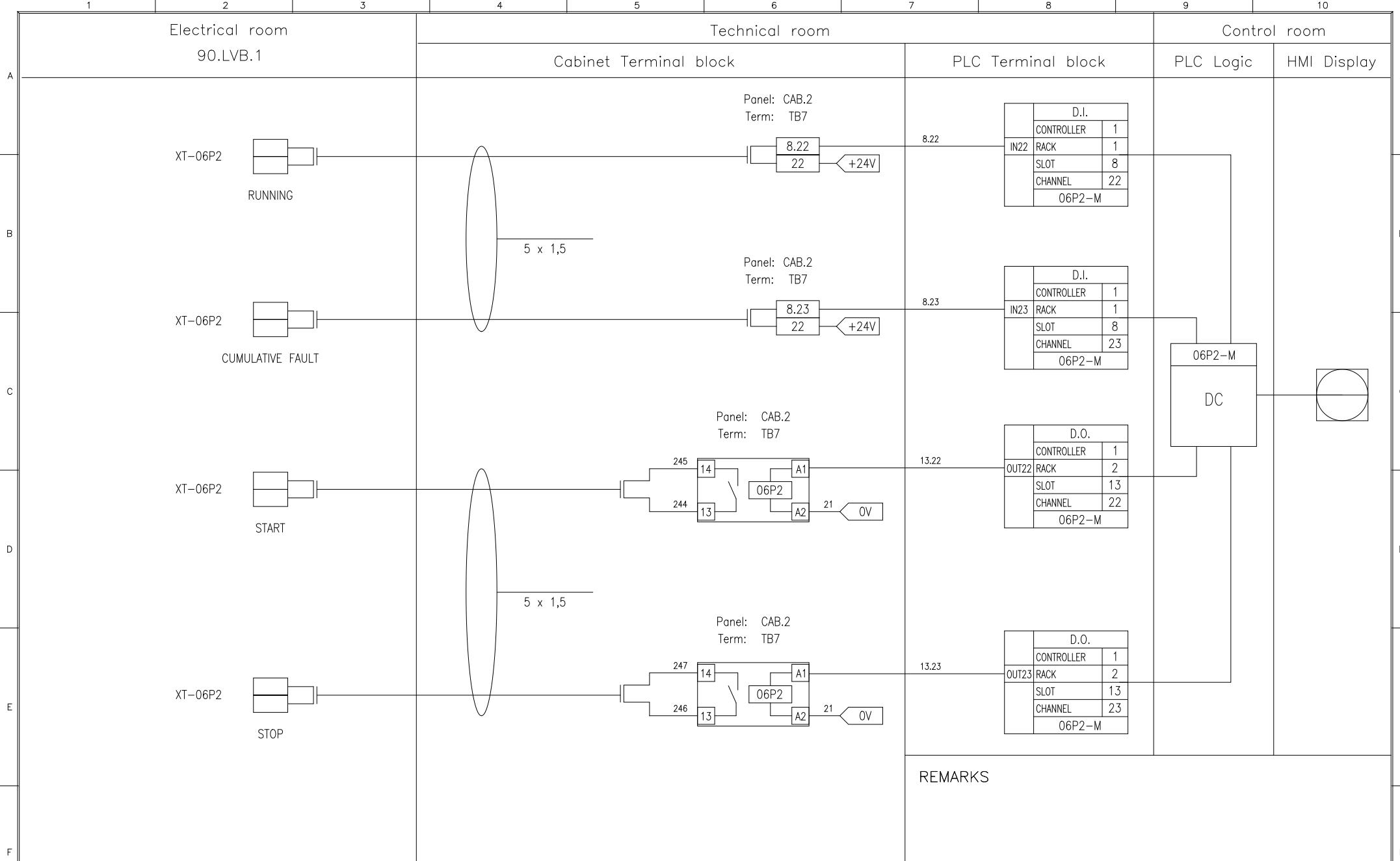
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					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand. SPAC9.1	



UNI A3					date 02/2010
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Rev.	Revision	Date	Name	stand. SPAC9.1	

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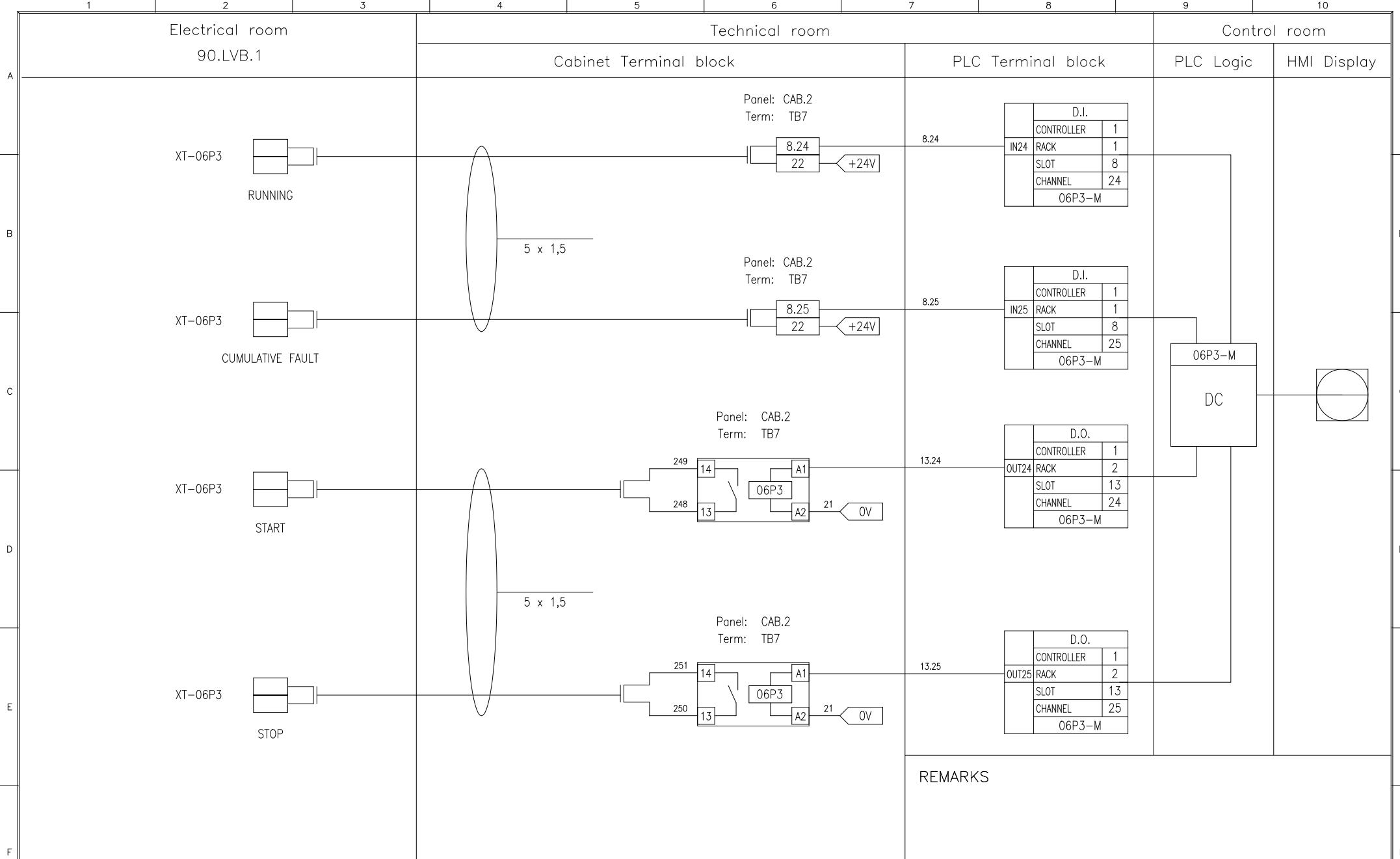


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Doc. 08039LD01

Job: 1E35 dwg. 1E35.85.002

sheet 19  
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UNI A3					date 02/2010
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Rev.	Revision	Date	Name	stand. SPAC9.1	

SULPHUREX PLANT



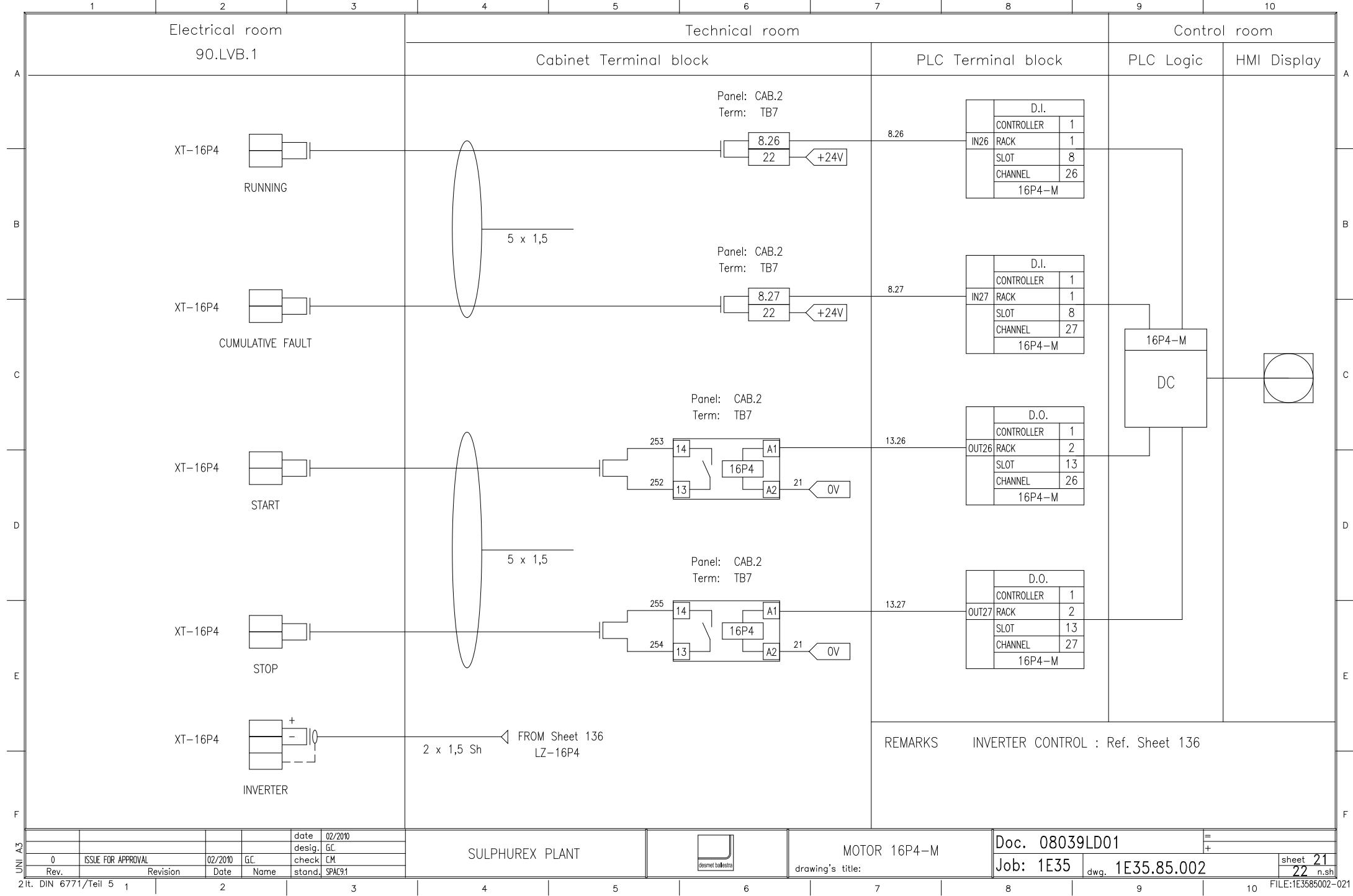
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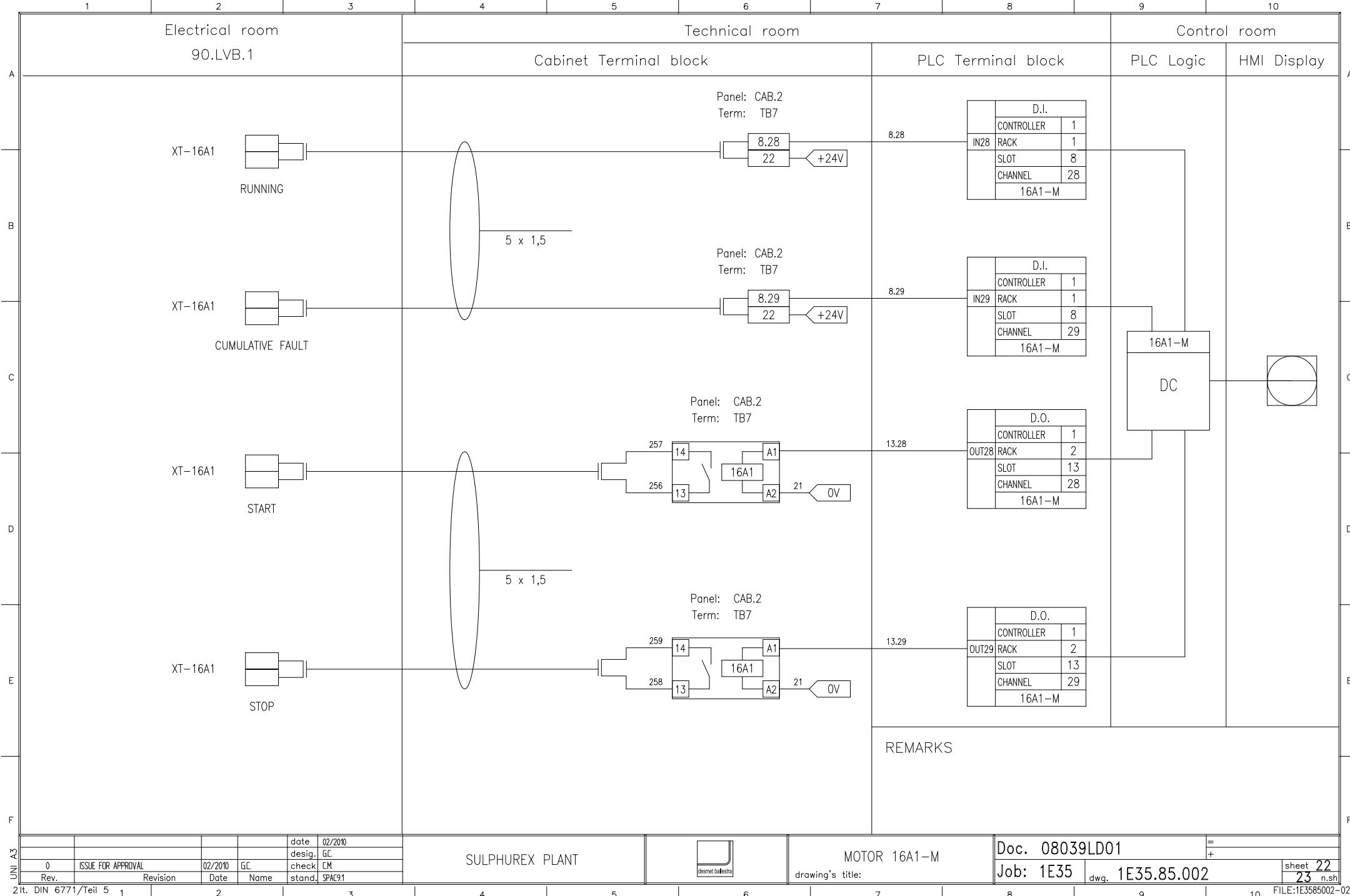
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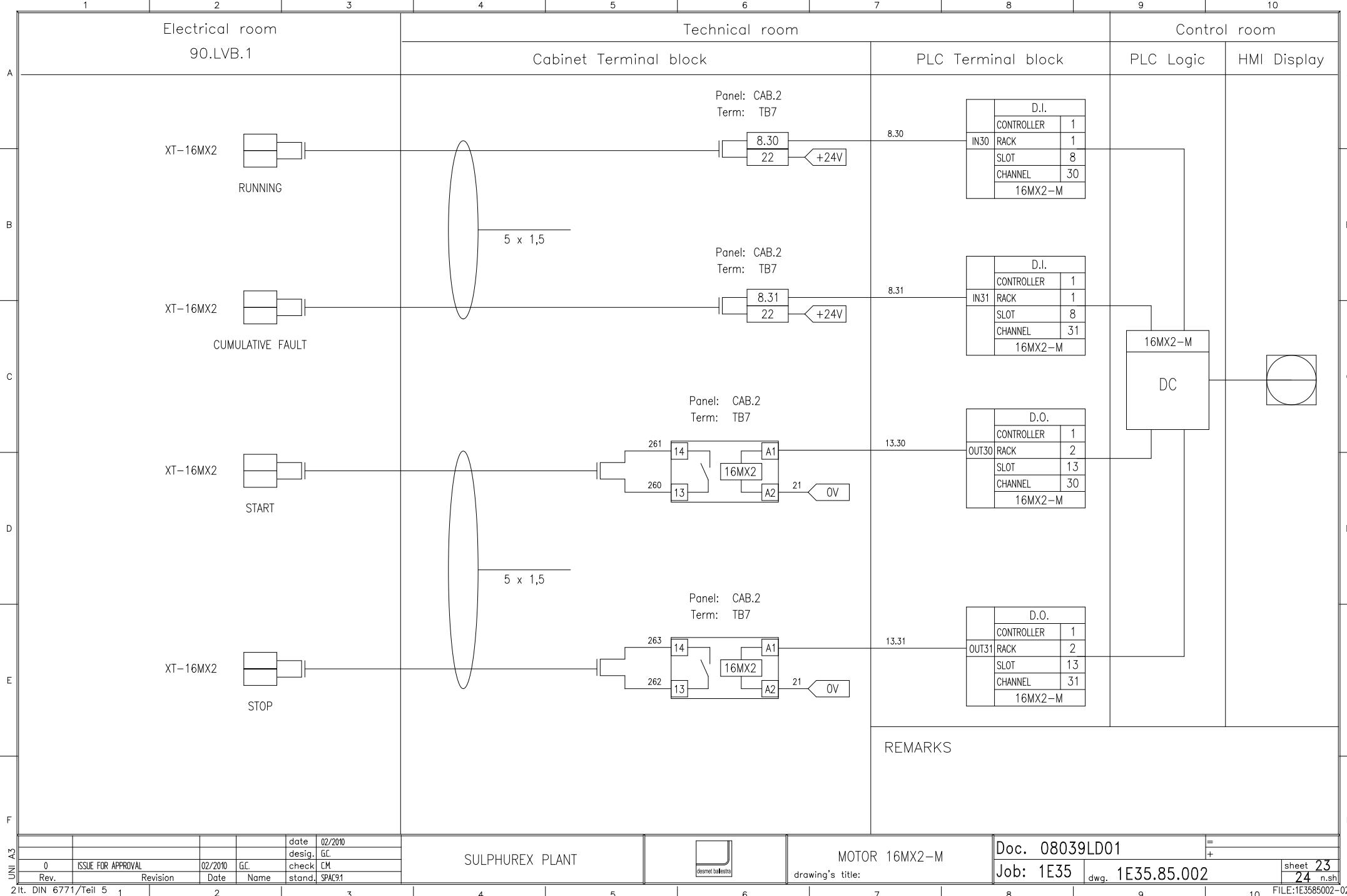
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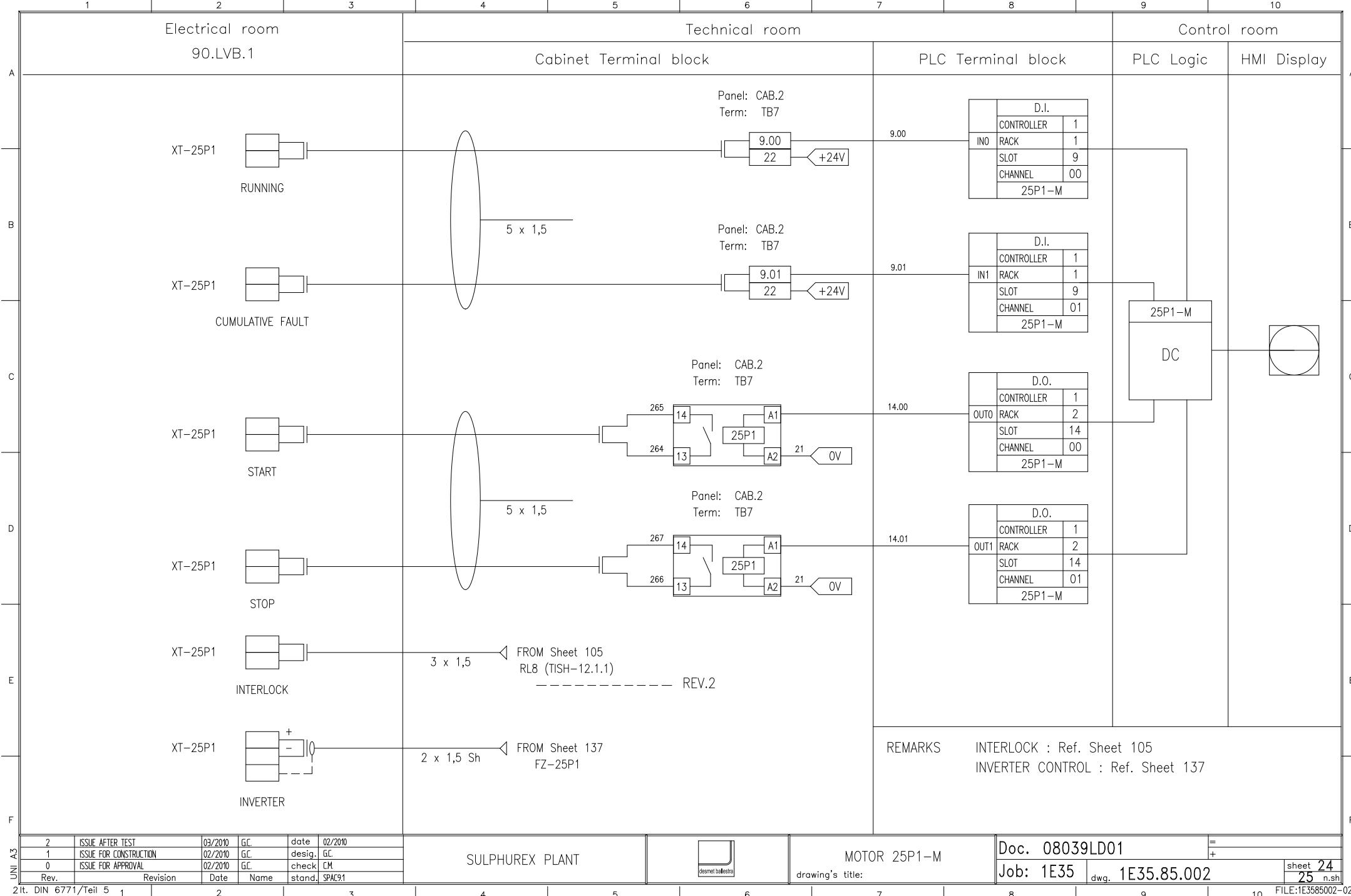
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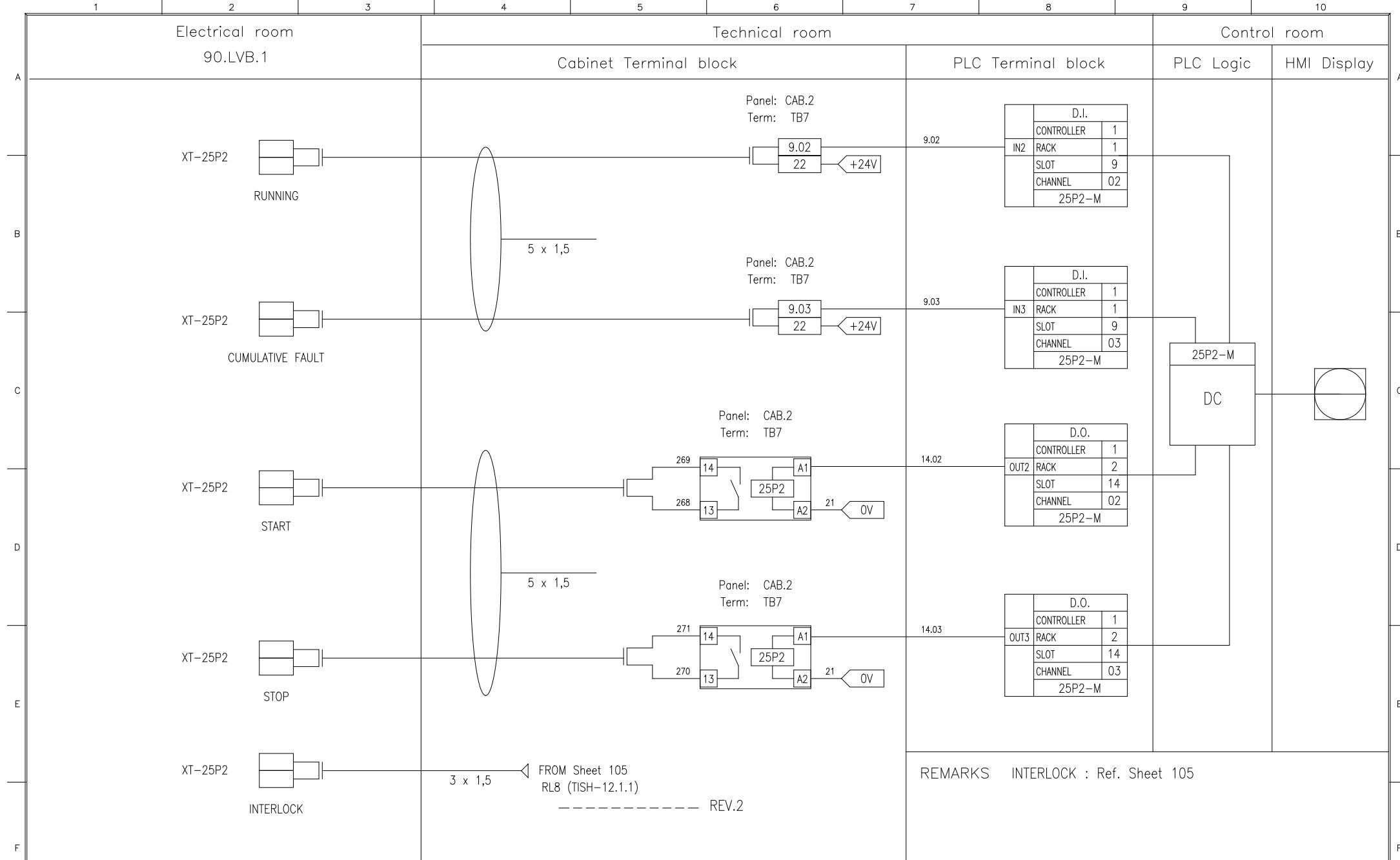
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21 n.sh











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	Rev.	Revision	Date	Name	stand.	SPAC91

SUI PHURFX PLANT

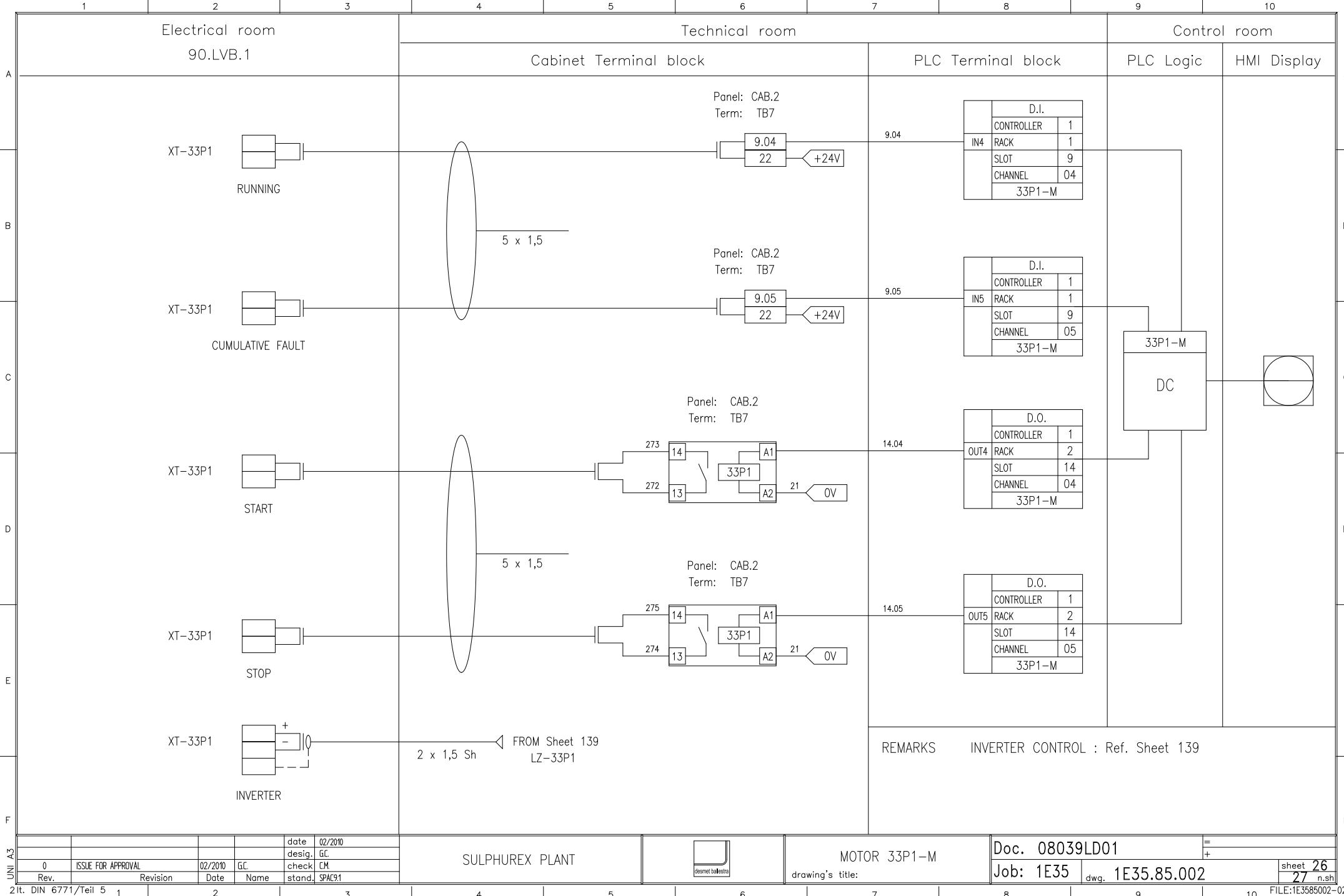


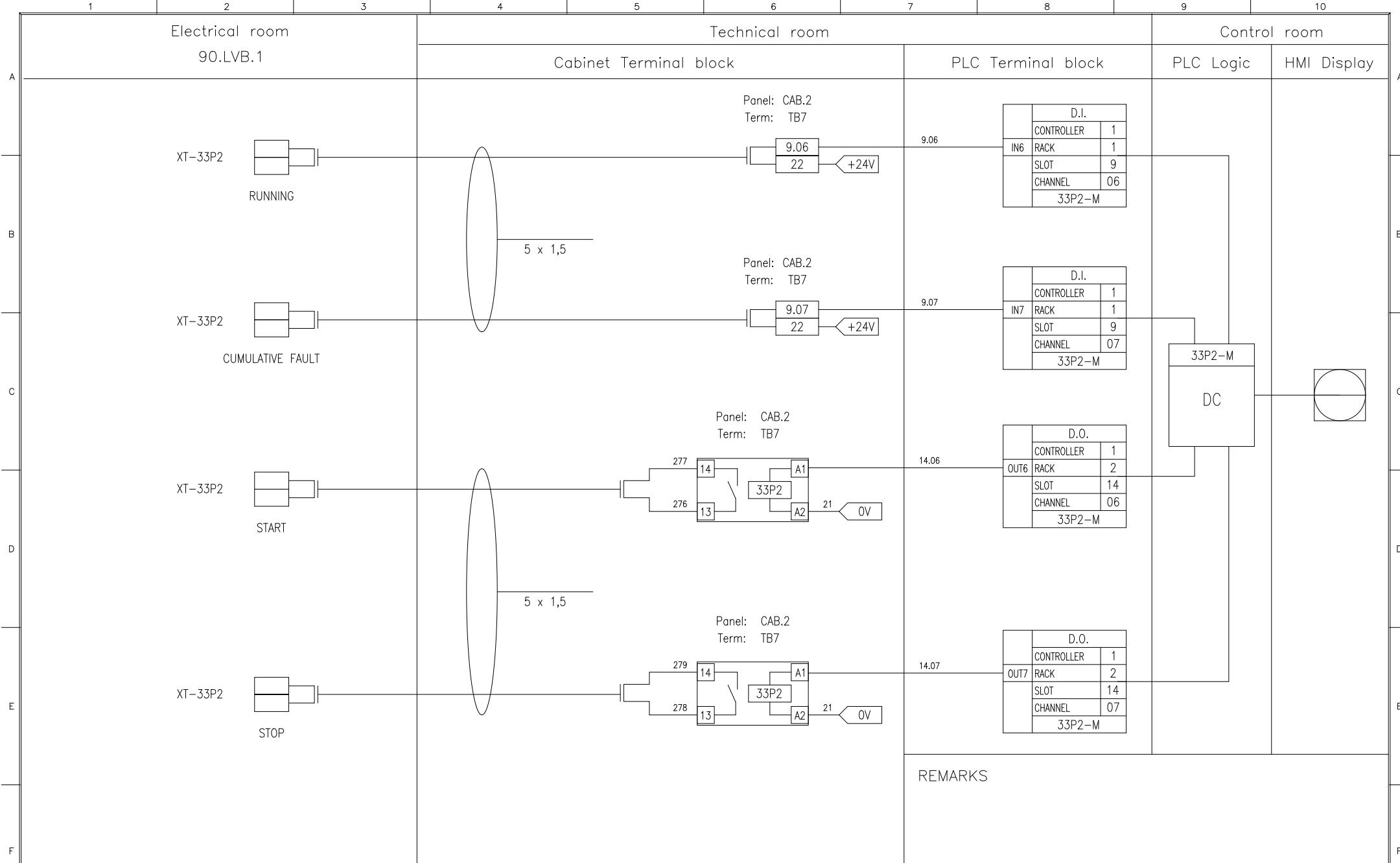
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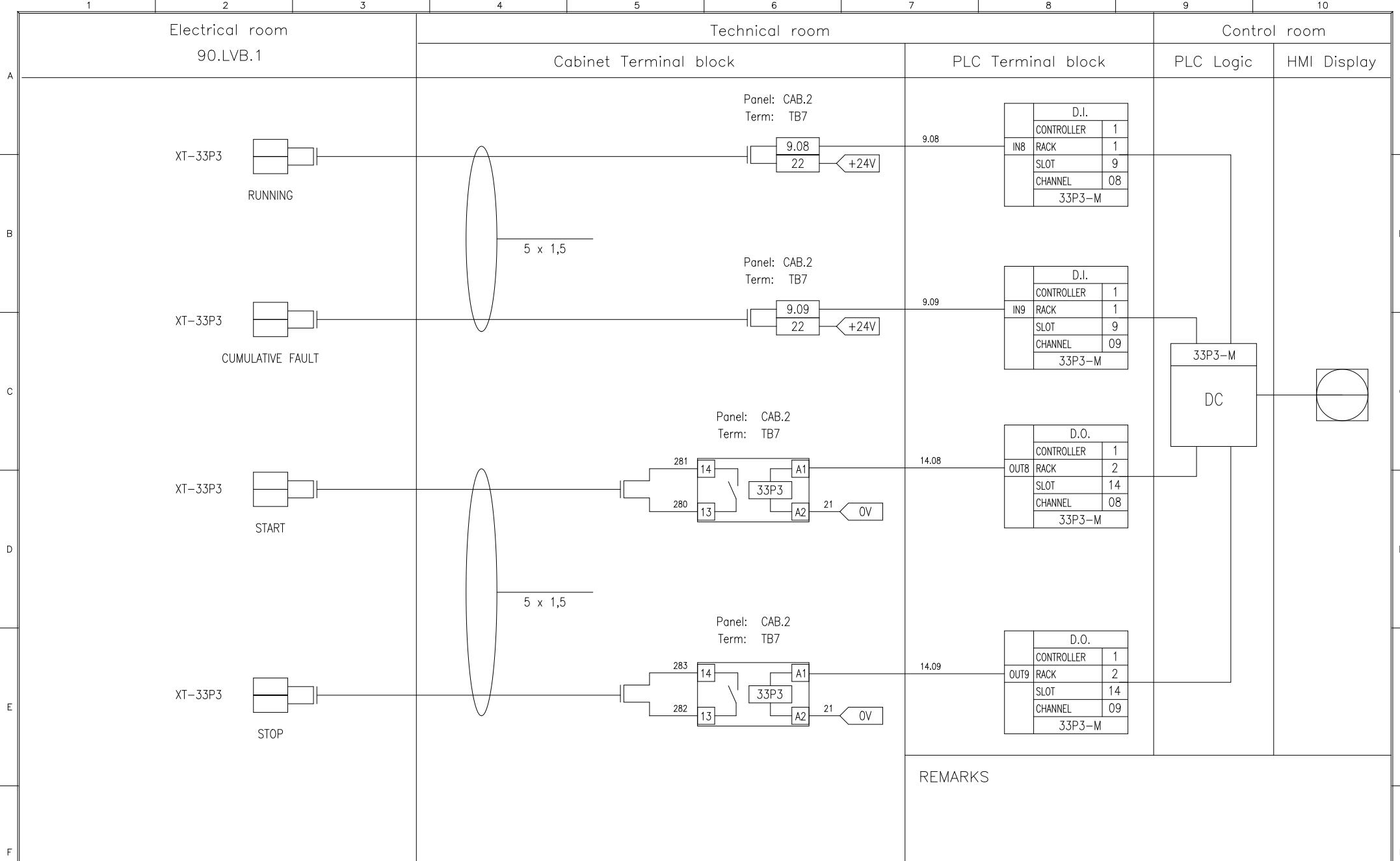
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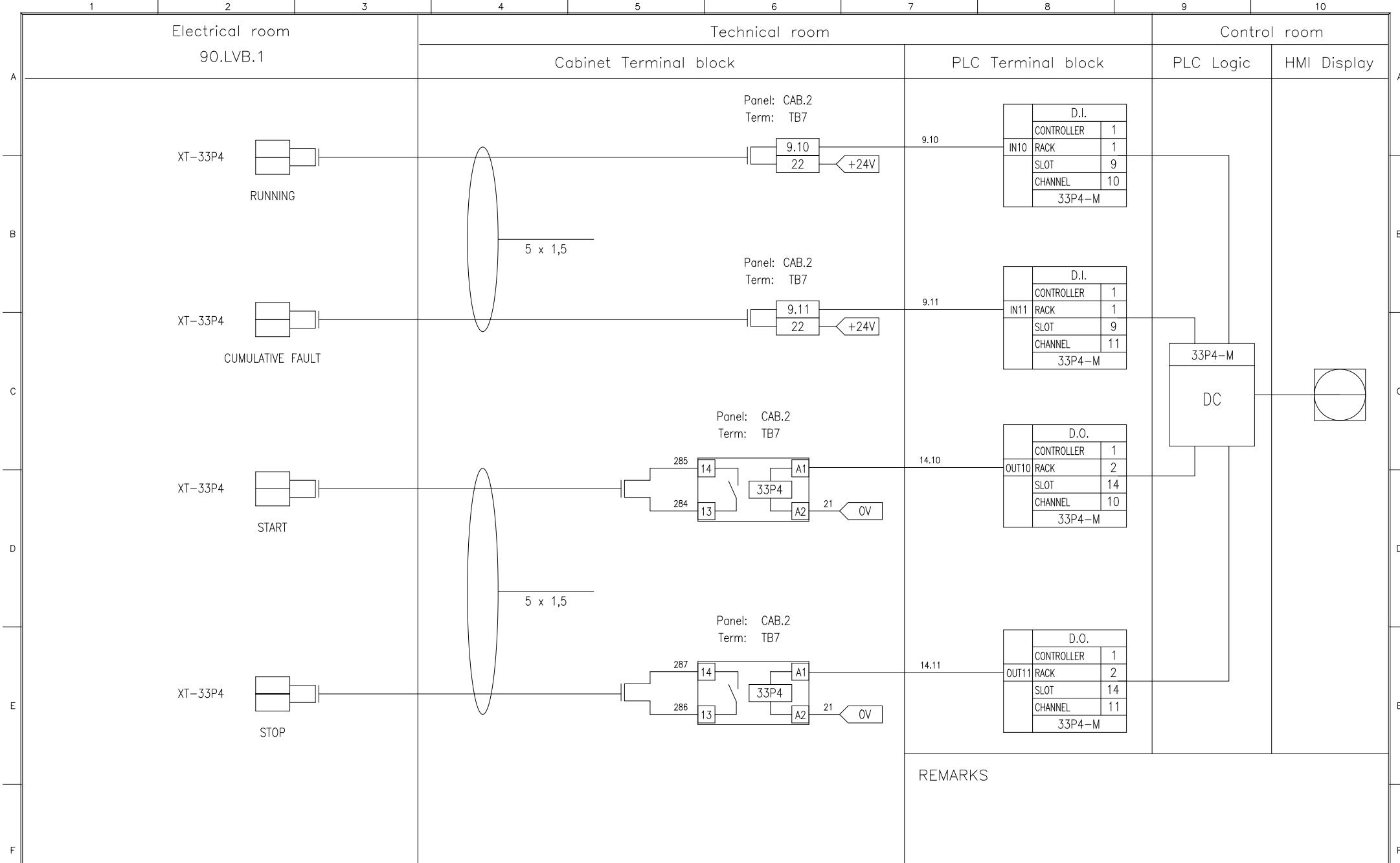




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Rev.	Revision	Date	Name	stand. SPAC9.1	



UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand. SPAC9.1	



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Rev.	Revision	Date	Name	stand.	SPA

SULPHUREX PLANT

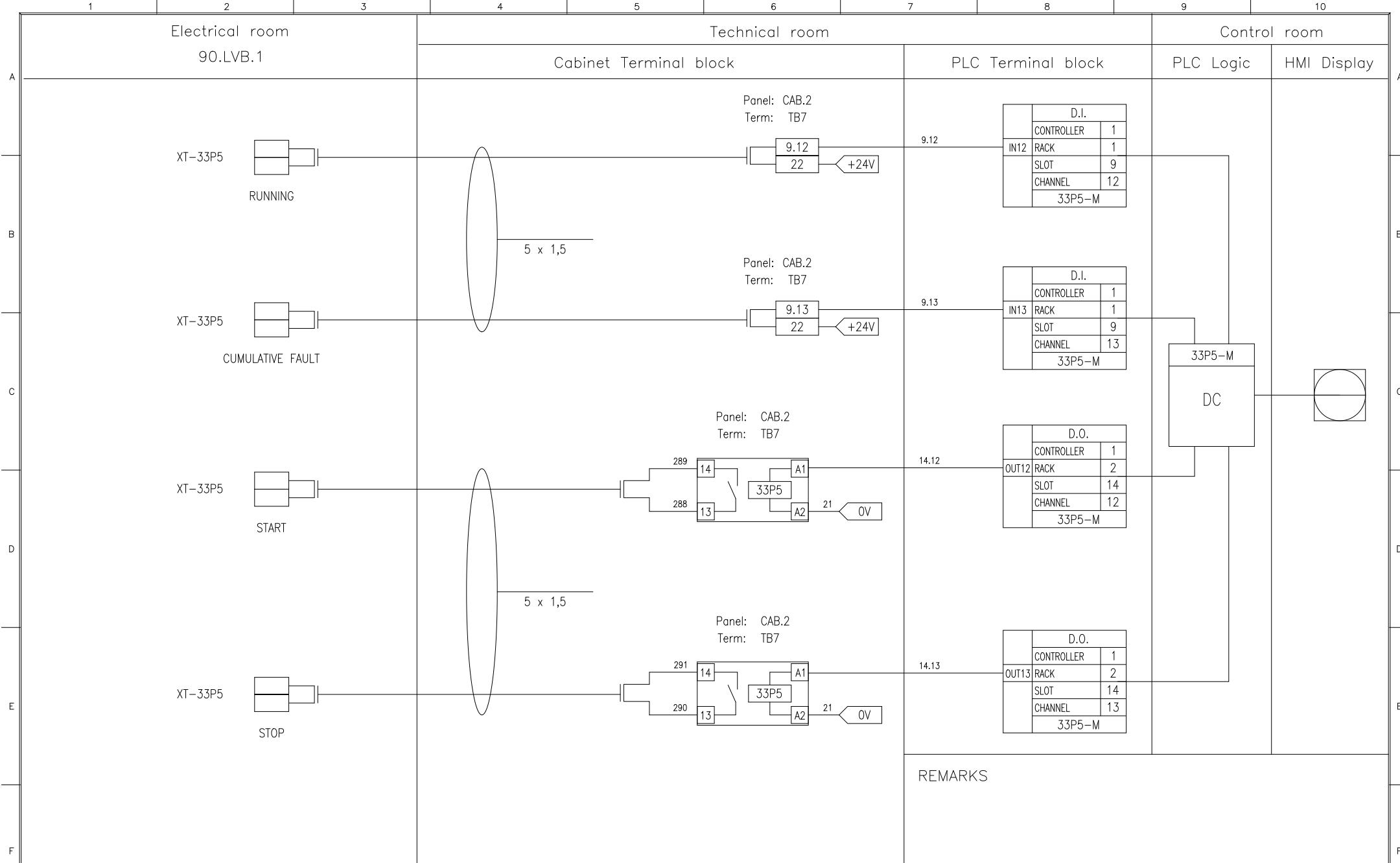


MOTOR 33P4-

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30 n.sh



UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand. SPAC9.1	

2lt. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-030

SULPHUREX PLANT

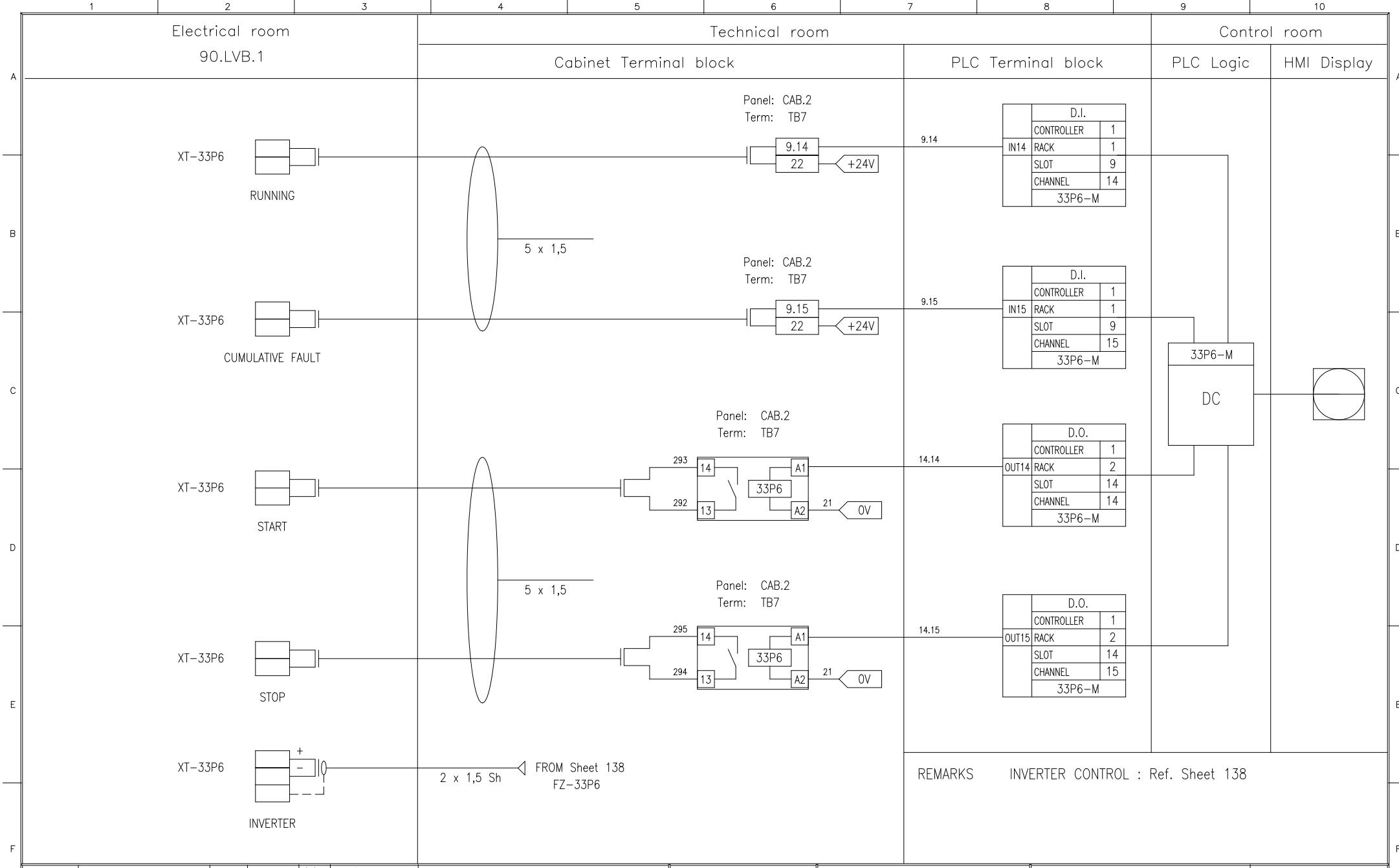


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Job: 1E35 dwg. 1E35.85.002

sheet 30  
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Rev.	Revision	Date	Name	sts	

SULPHUREX PLANT

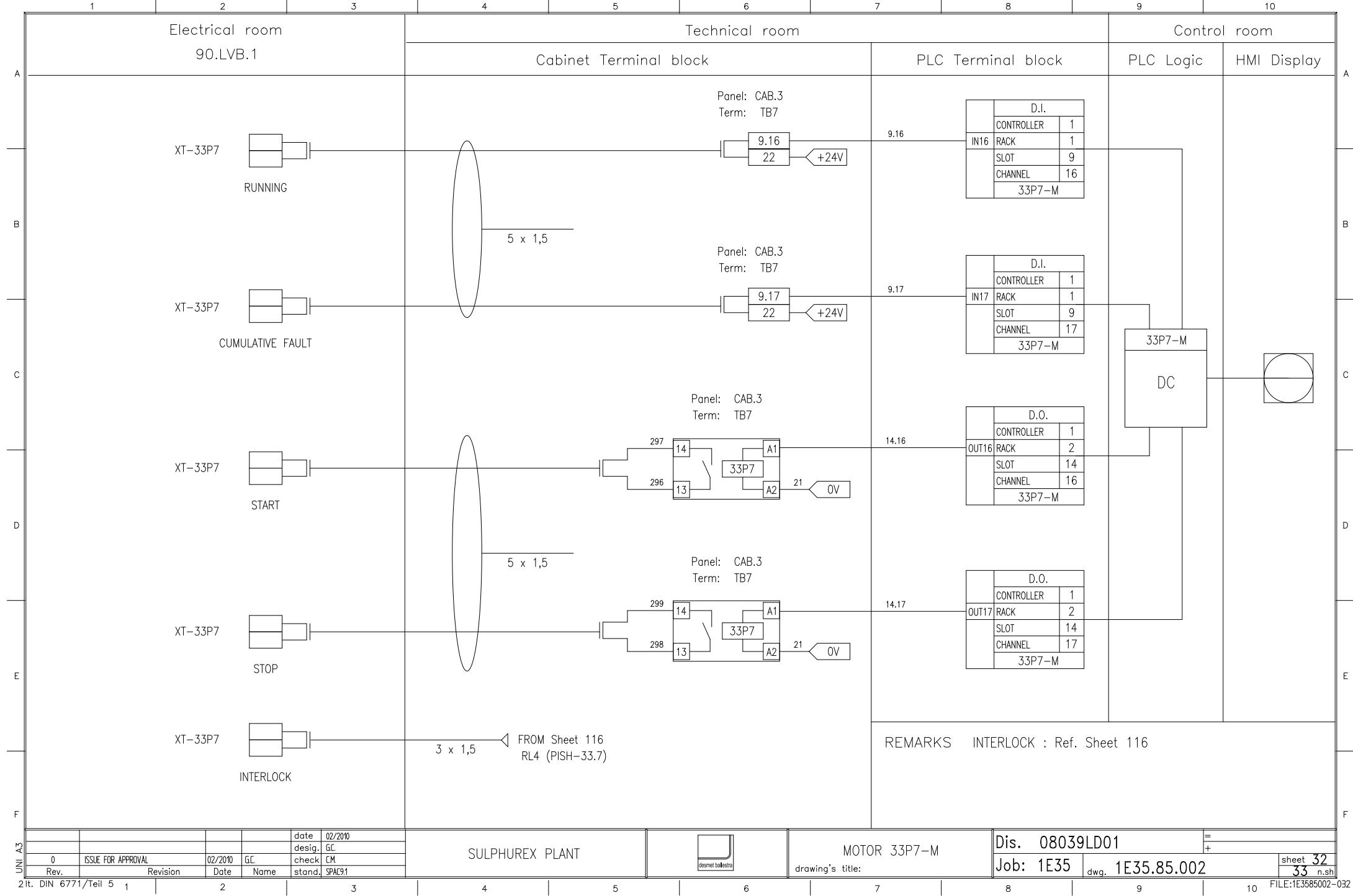


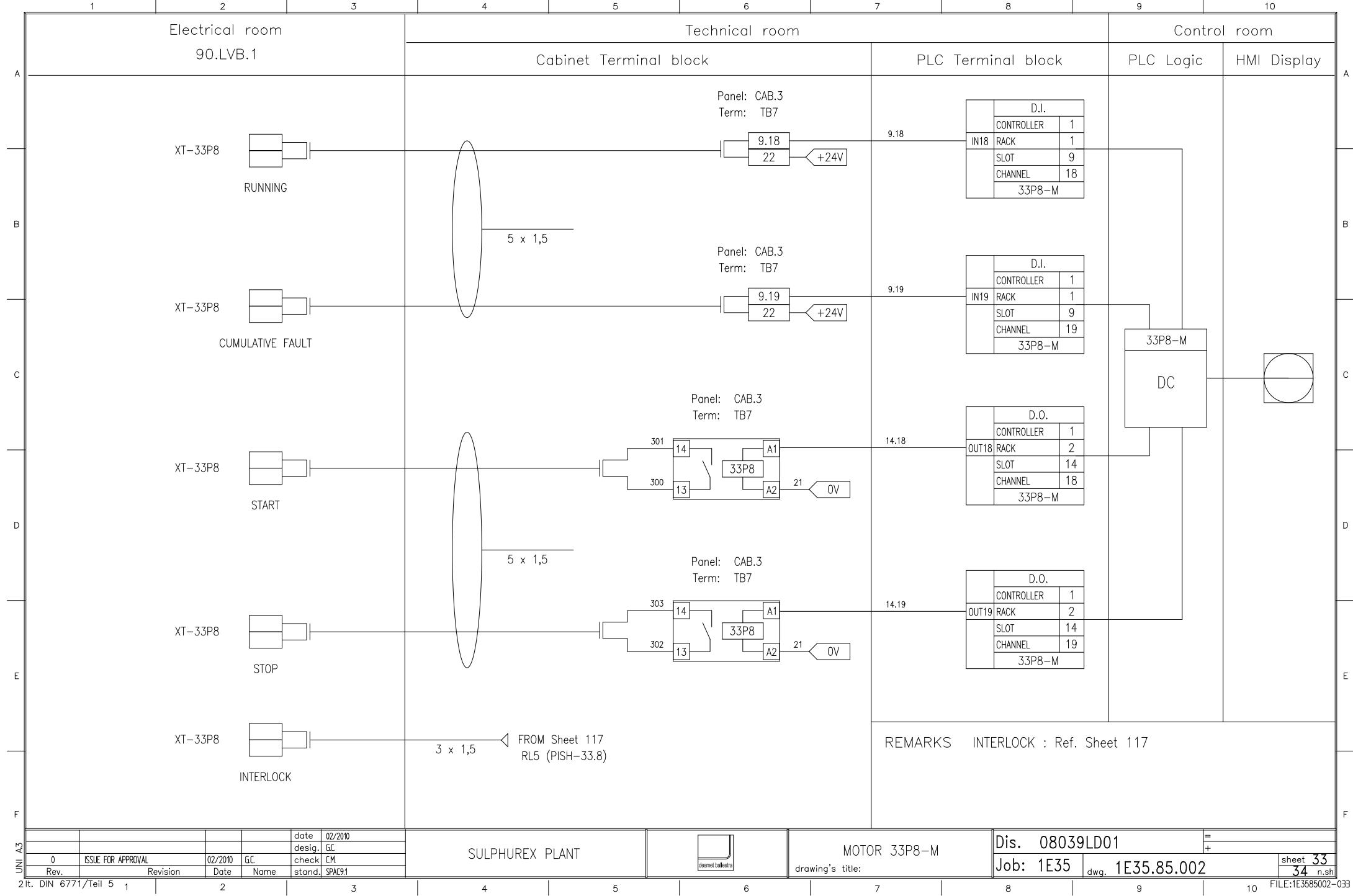
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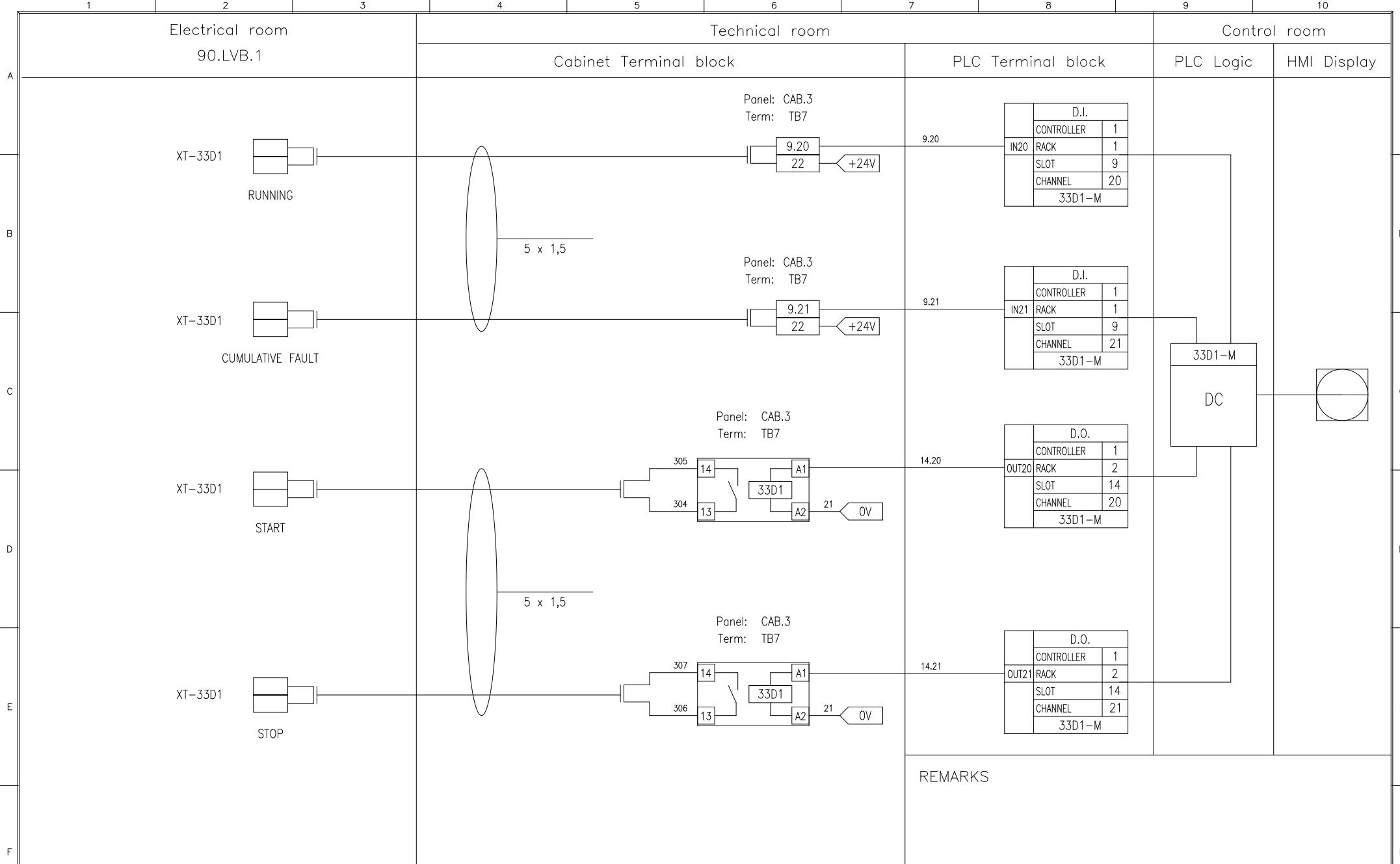
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Job: 1E35 1E35 85 002

sheet 31  
32 n.sh







UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand. SPAC9.1	

2lt. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-034

SULPHUREX PLANT

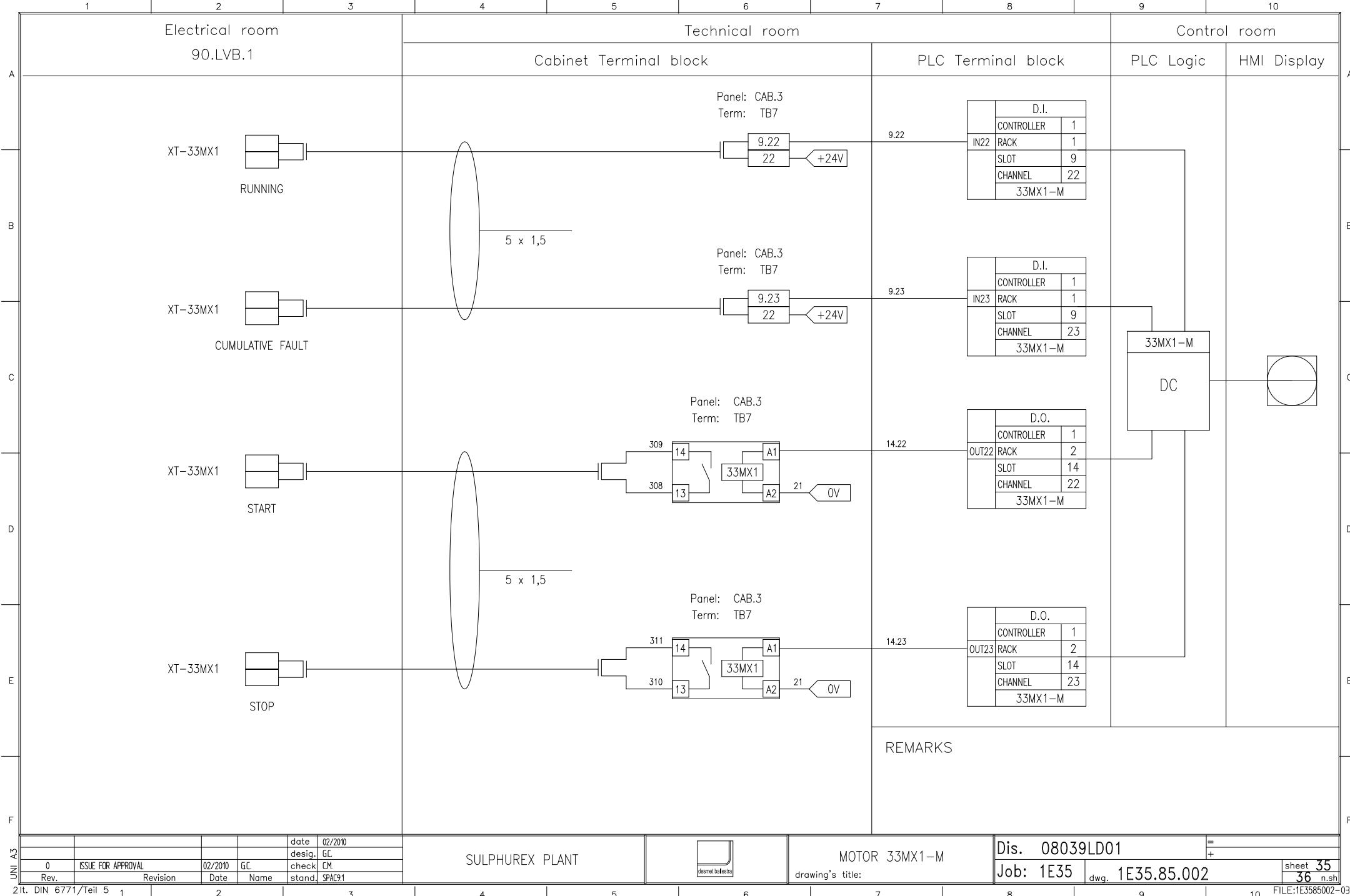


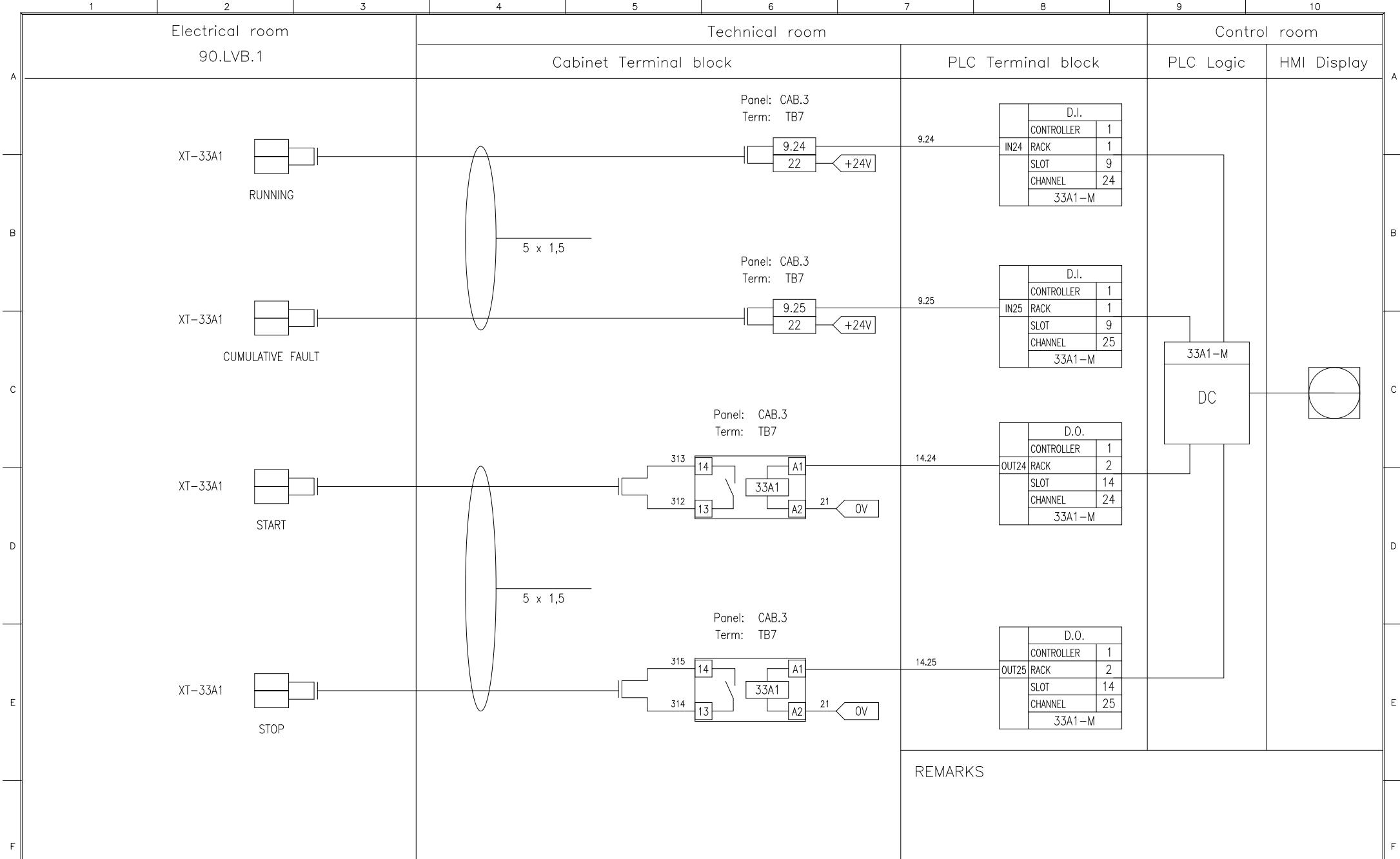
MOTOR 33D1-M  
drawing's title:

Dis. 08039LD01

Job: 1E35 dwg. 1E35.85.002

sheet 34  
35 n.sh





UNI A3					date 02/2010
					desig. GL
0	ISSUE FOR APPROVAL	02/2010	G.C.	check CM	
Rev.	Revision	Date	Name	stand.	SPAC91

SULPHUREX PLANT

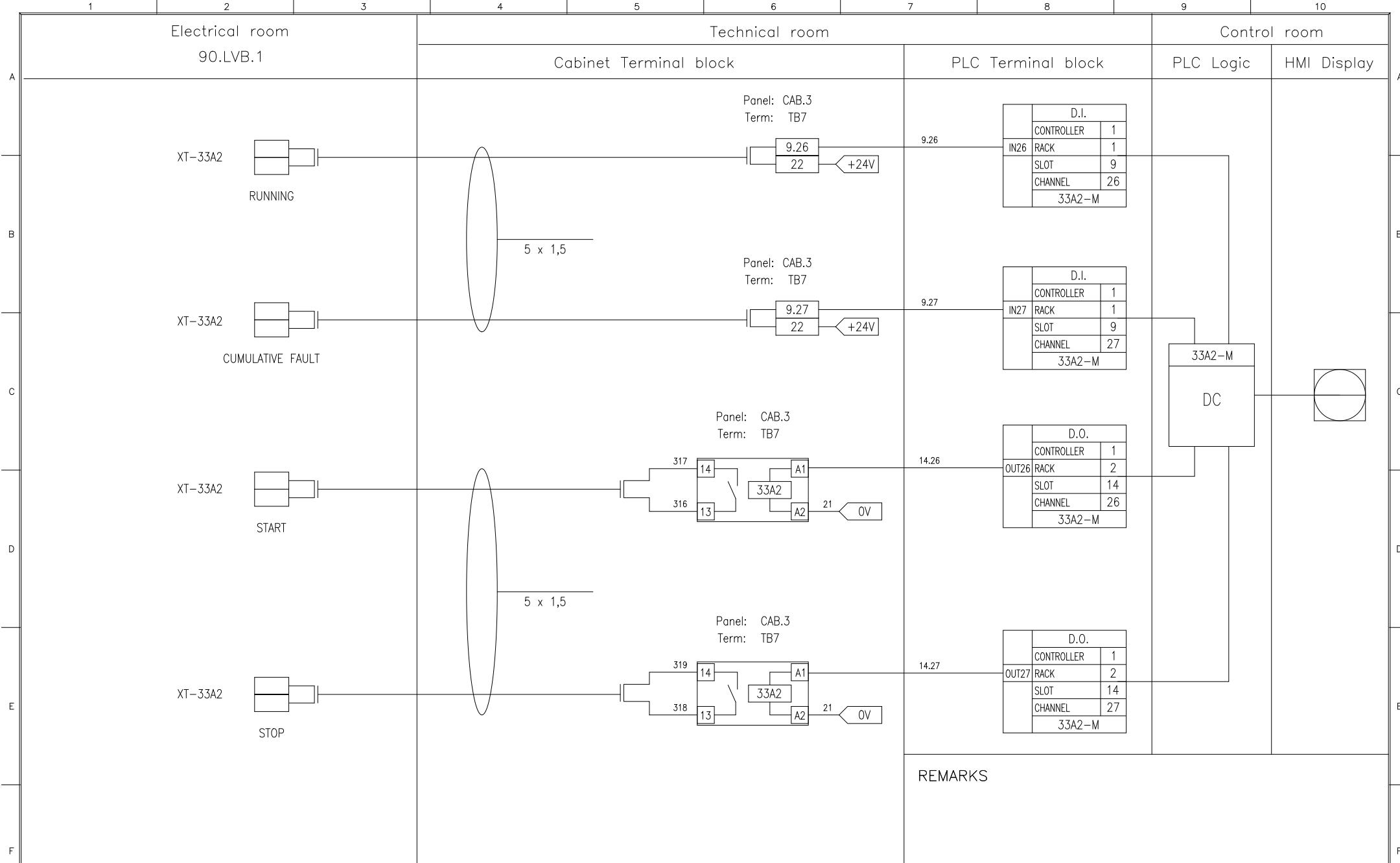


MOTOR 33A1-1  
drawing's title:

Dis. 08039LD01

Job: 1E35 d\_wg 1E35.85.002

sheet 36  
37 n.sh



0	ISSUE FOR APPROVAL	02/2010	date	02/2010
Rev.	Revision	Date	desig.	GC
		Name	check	CM

stand: SPAC9.1

SULPHUREX PLANT



MOTOR 33A2-M  
drawing's title:

Dis. 08039LD01

Job: 1E35 dwg. 1E35.85.002

sheet 37  
38 n.sh  
FILE:1E3585002-037

1 2 3 4 5 6 7 8 9 10

Electrical room  
90.LVB.1

## Technical room

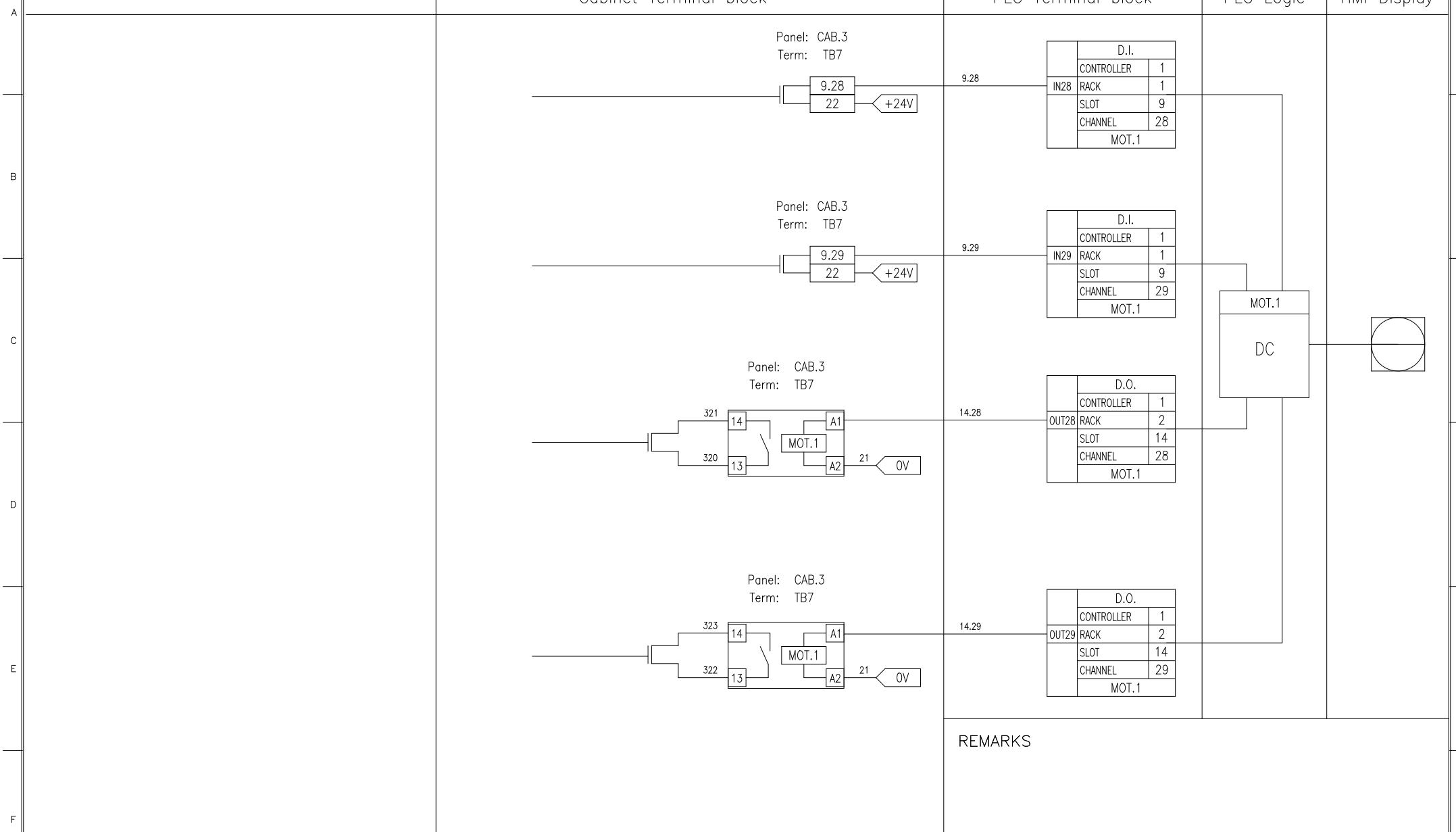
## Control room

## Cabinet Terminal block

## PLC Terminal block

## PLC Logic

## HMI Display



UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1

SULPHUREX PLANT



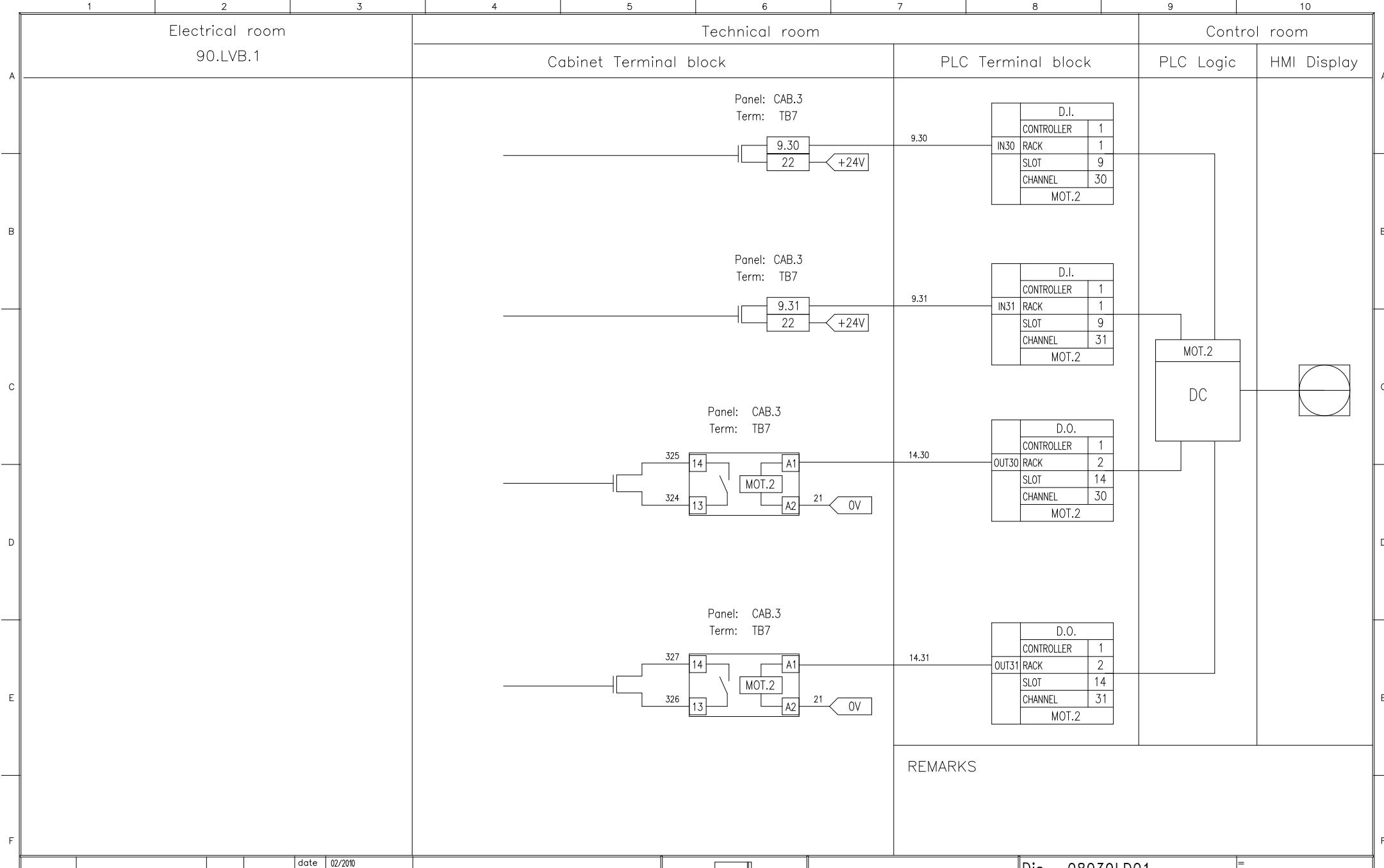
MOTOR Spare MOT.1

drawing's title:

Dis. 08039LD01

Job: 1E35 dwg. 1E35.85.002

sheet 38  
39 n.sh



UNI A3					date	02/2010
					desig.	GC
0	ISSUE FOR APPROVAL	02/2010	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1	

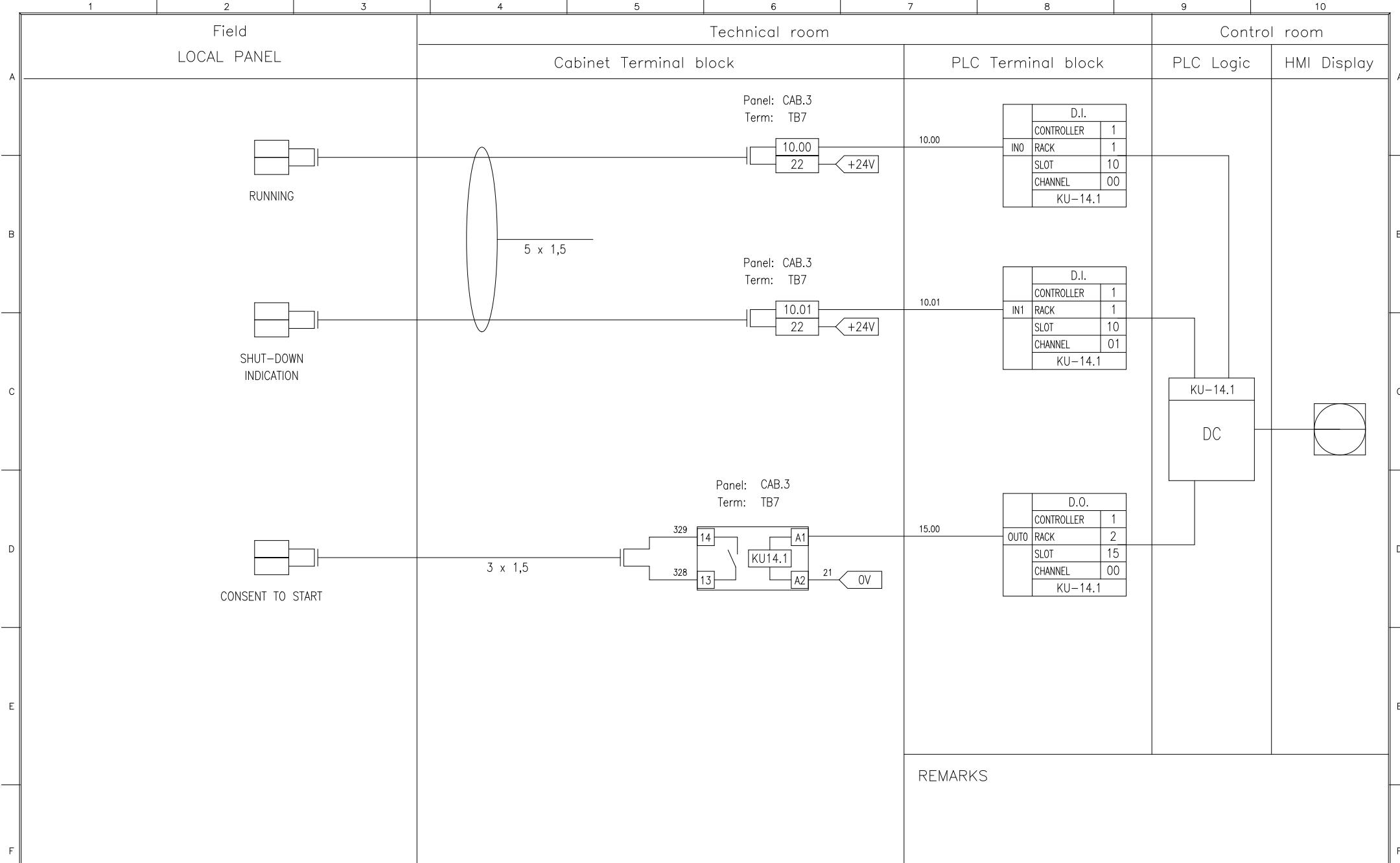
SULPHUREX PLANT



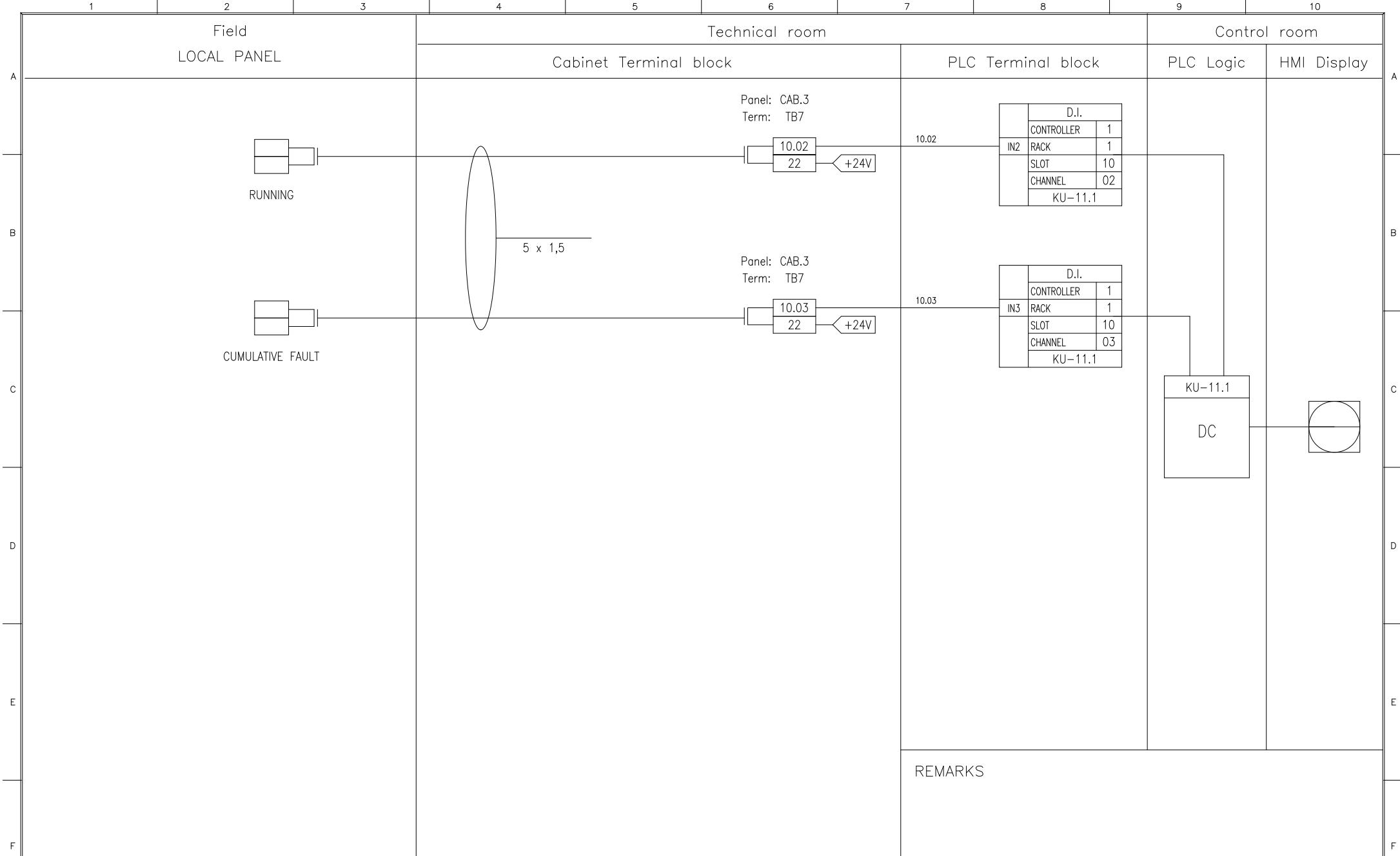
MOTOR Spare MOT.2  
drawing's title:

Dis. 08039LD01  
Job: 1E35 dwg. 1E35.85.002

=  
+  
sheet 39  
40 n.sh  
FILE:1E3585002-099



UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1



UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	G.C.	check CM	
Rev.	Revision	Date	Name	stand.	SPAC91

SULPHUREX PLANT

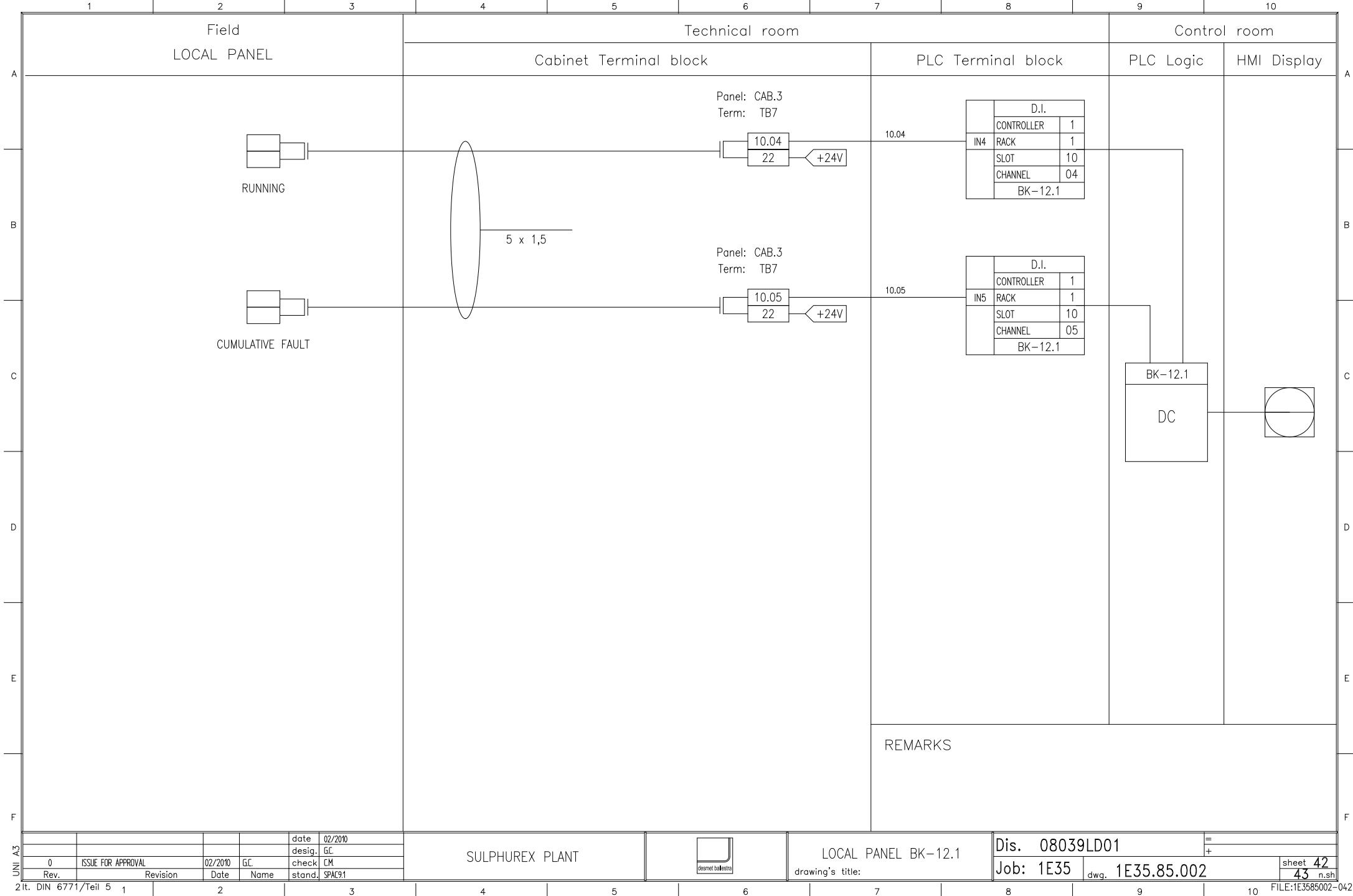


LOCAL PANEL KU-11.

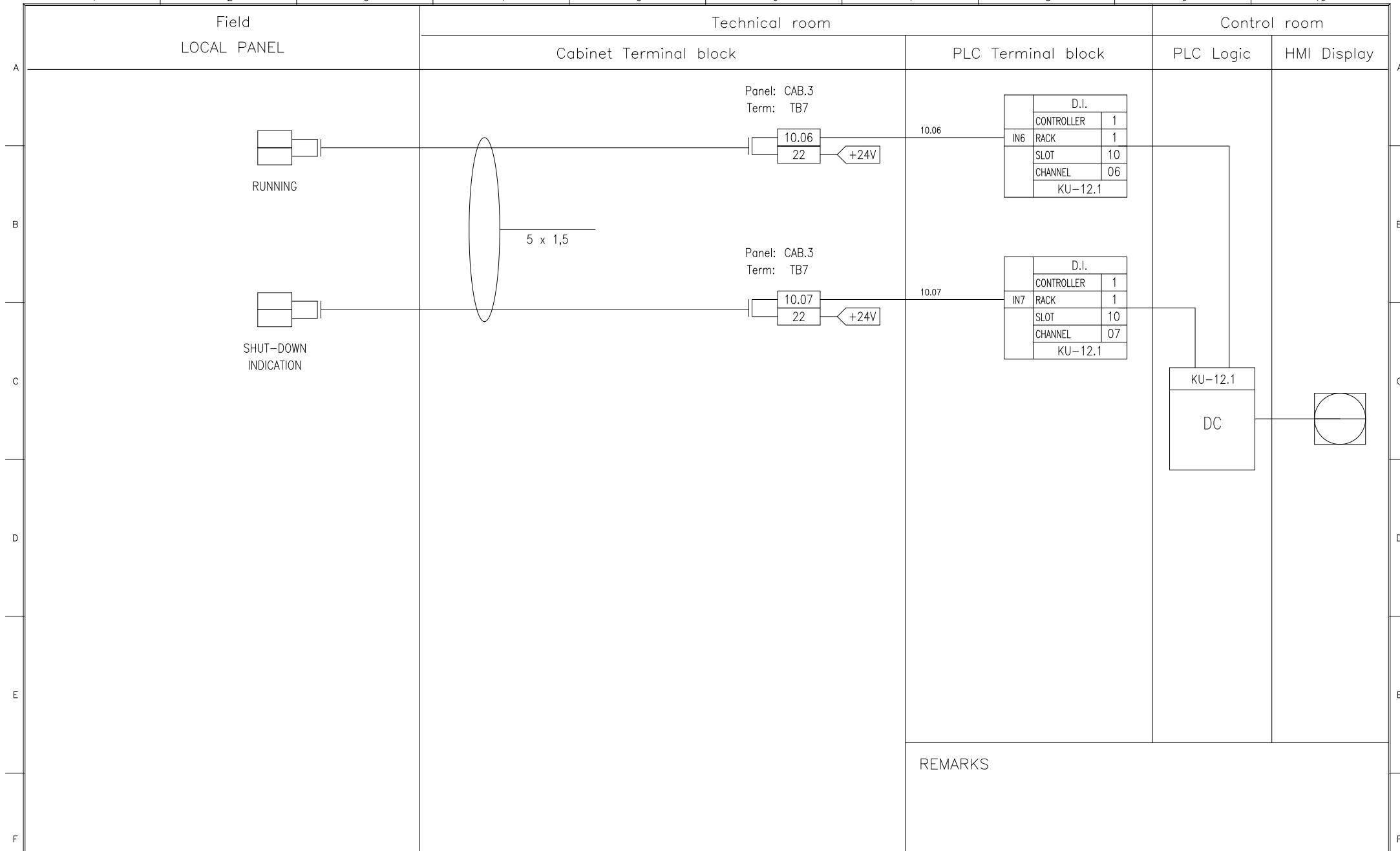
Dis 080391 D01

Job: 1E35 1E35 85 002

sheet 41



1 2 3 4 5 6 7 8 9 10



UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-043

SULPHUREX PLANT



LOCAL PANEL KU-12.1

drawing's title:

Dis. 08039LD01

Job: 1E35 dwg. 1E35.85.002

sheet 43  
44 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Electrical room  
90.LVB.1

Technical room

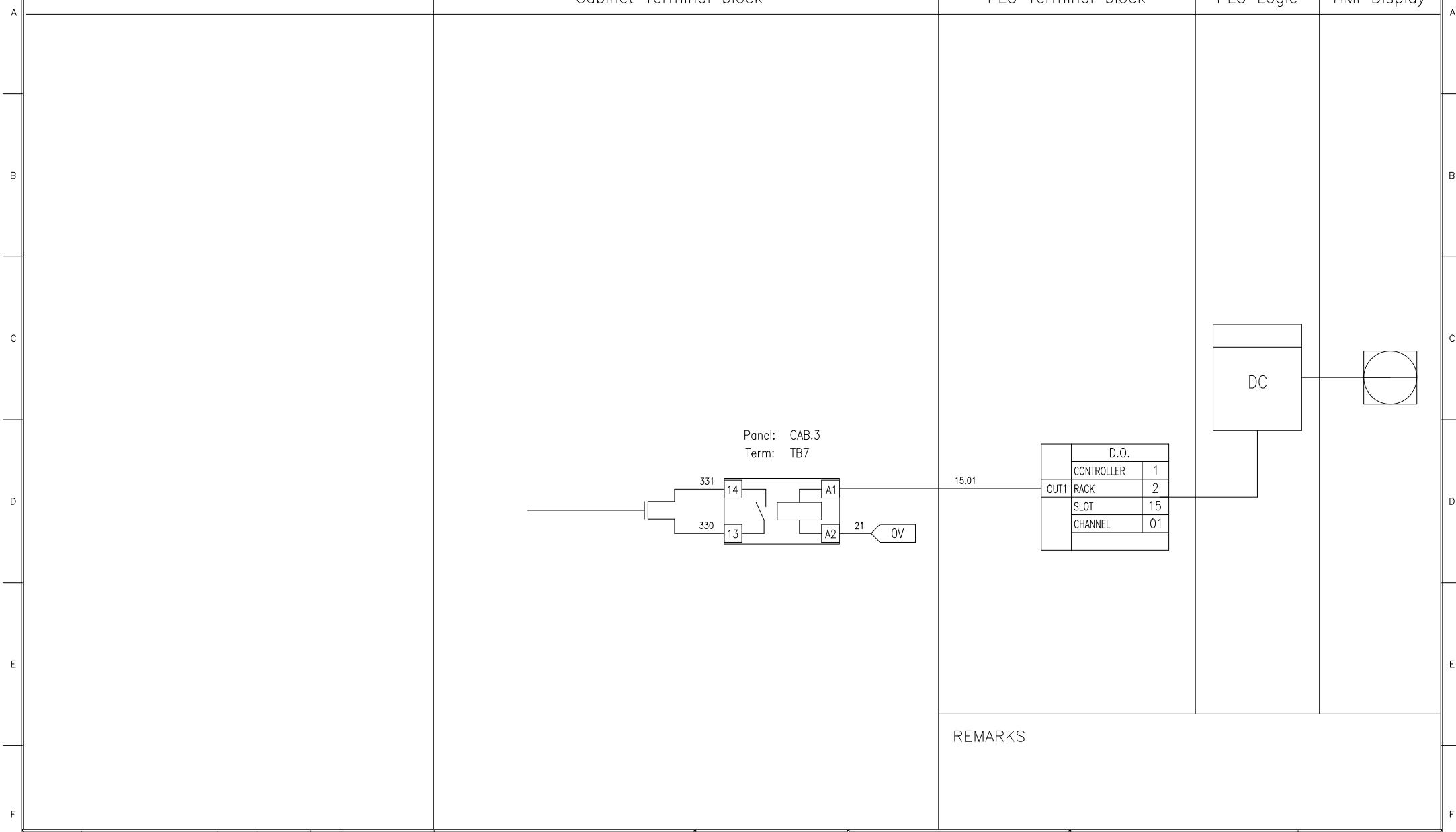
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



UNI A3					date 02/2010				Dis. 08039LD01	=
					desig. GC					+
0	ISSUE FOR APPROVAL	02/2010	GC	check CM					Job: 1E35	
Rev.	Revision	Date	Name	stand. SPAC9.1			drawing's title:		dwg. 1E35.85.002	sheet 44 45 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Electrical room  
90.LVB.1

Technical room

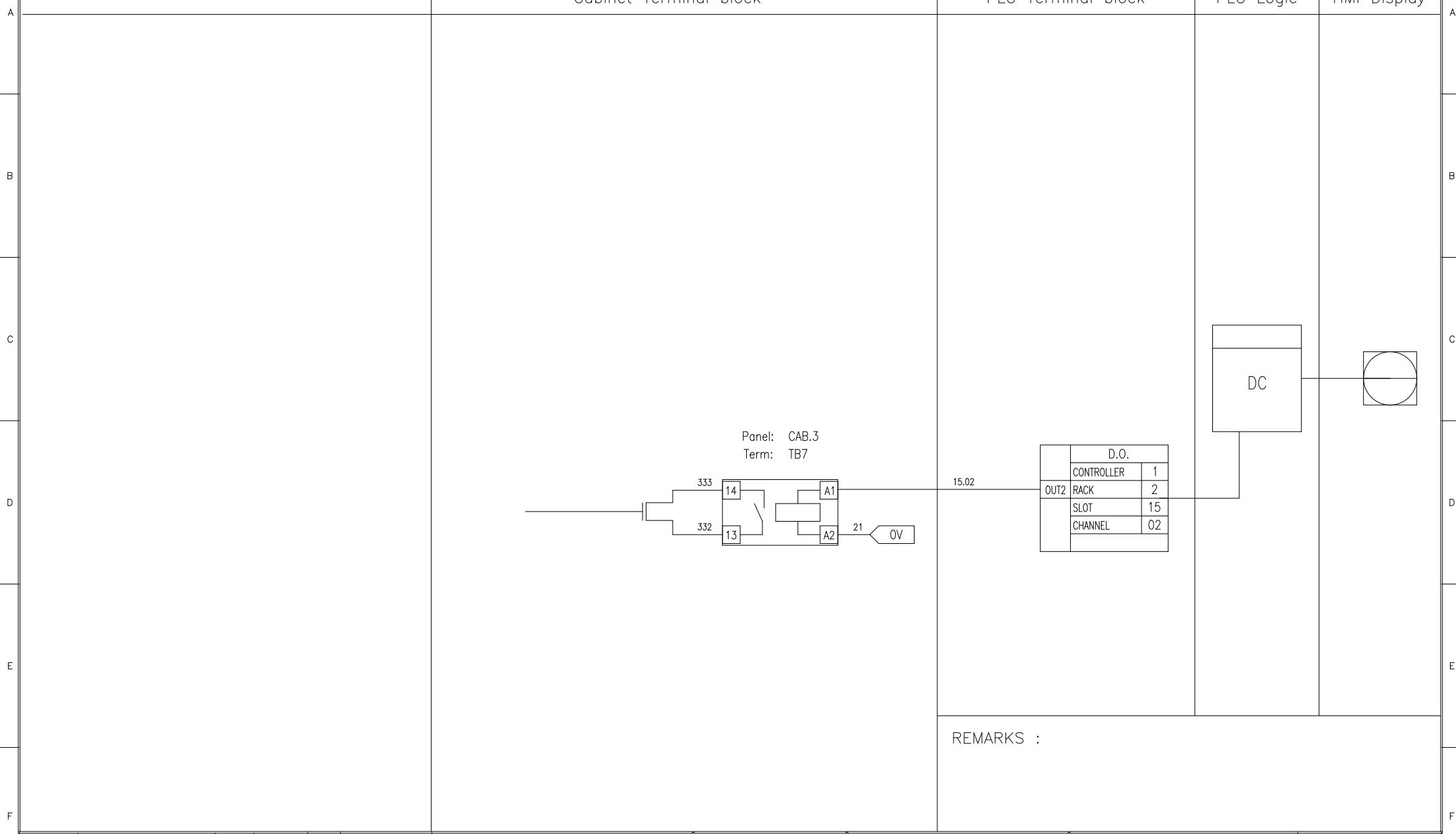
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



UNI A3					date 02/2010
					desig. GC
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Rev.	Revision	Date	Name	stand.	SPAC9.1

2lt. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-045

SULPHUREX PLANT



SPARE D.O.

drawing's title:

Dis. 08039LD01

Job: 1E35 dwg. 1E35.85.002

sheet 45  
46 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Electrical room  
90.LVB.1

Technical room

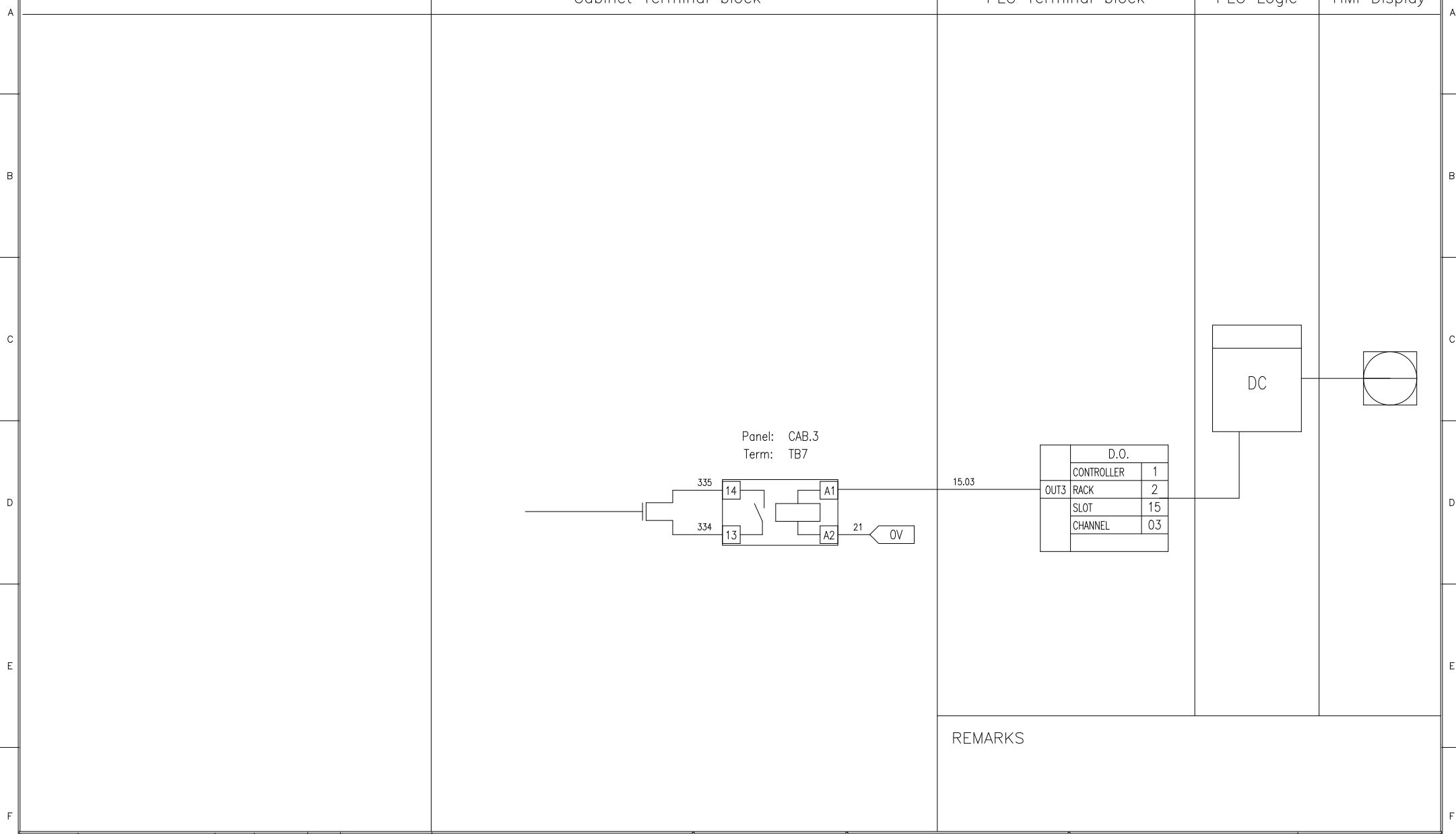
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



UNI A3					date 02/2010
					desig. GC
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Rev.	Revision	Date	Name	stand.	SPAC9.1

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-046

SULPHUREX PLANT



SPARE D.O.

drawing's title:

Dis. 08039LD01

Job: 1E35 dwg. 1E35.85.002

sheet 46  
47 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Electrical room  
90.LVB.1

Technical room

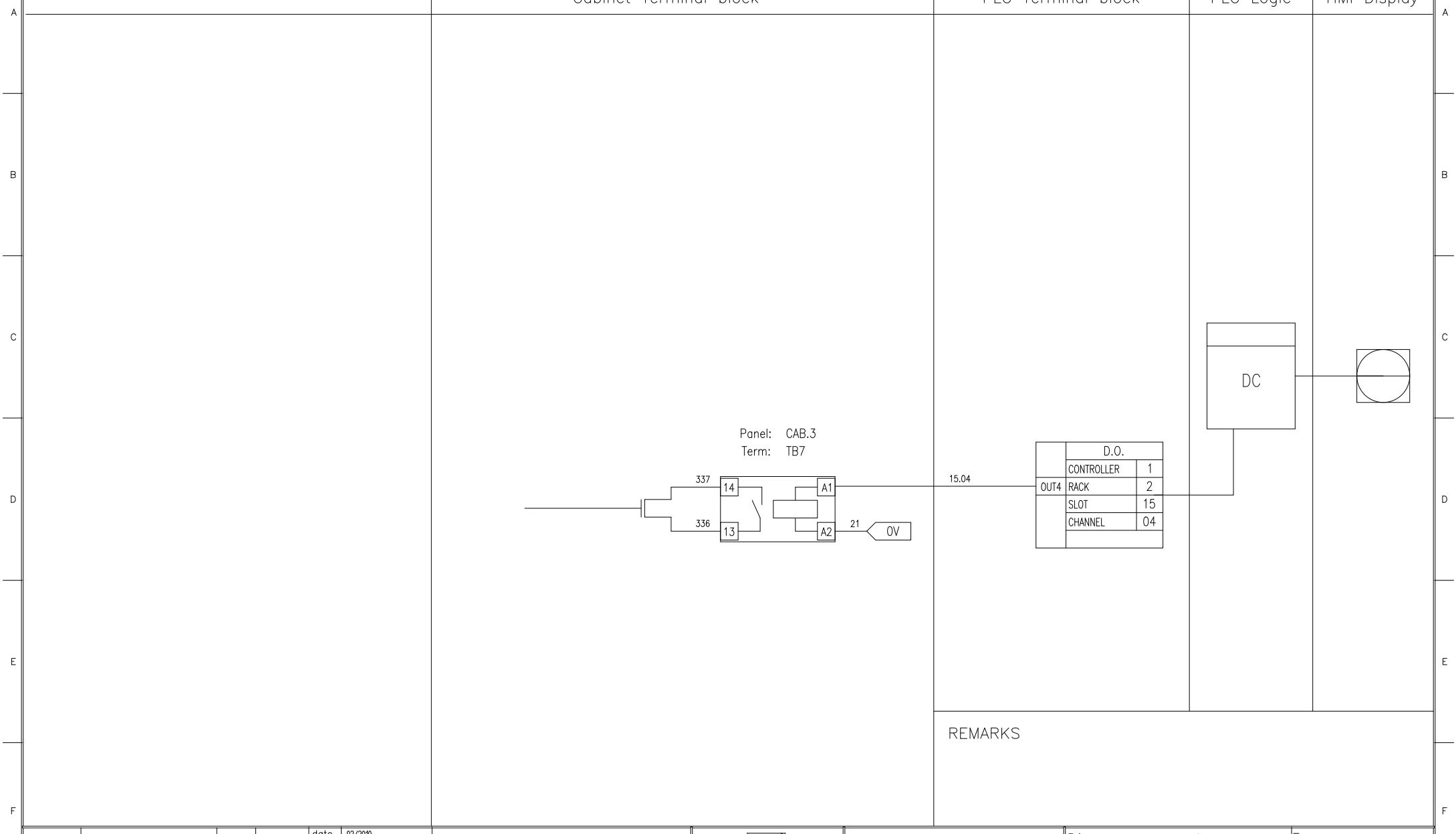
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



UNI A3								
0	ISSUE FOR APPROVAL	02/2010	date	02/2010	desig.	GC		
Rev.	Revision	Date	Name	check CM	stand.	SPAC9.1		

SULPHUREX PLANT



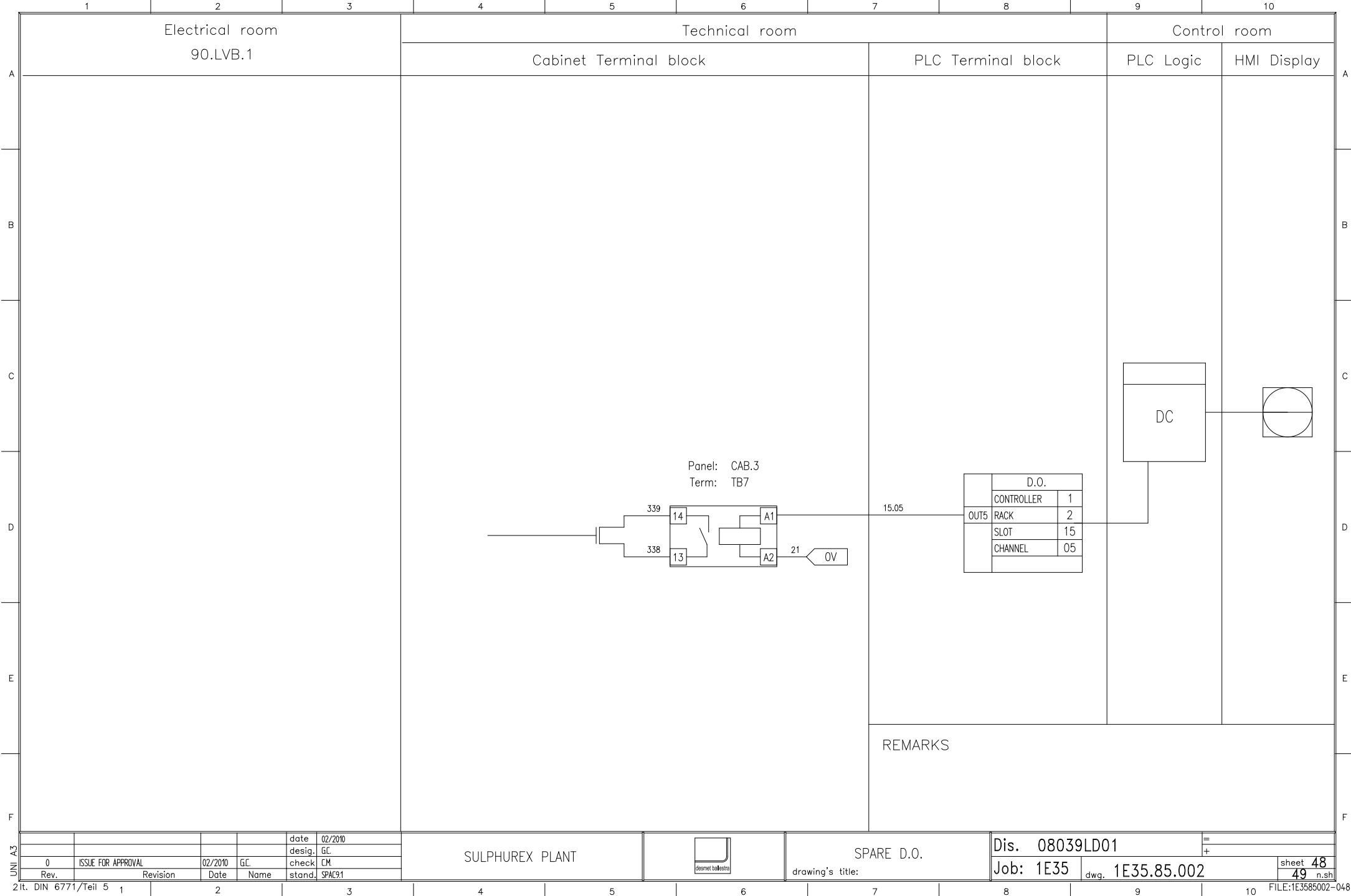
SPARE D.O.

drawing's title:

Dis. 08039LD01

Job: 1E35 dwg. 1E35.85.002

sheet 47  
48 n.sh



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Electrical room  
90.LVB.1

Technical room

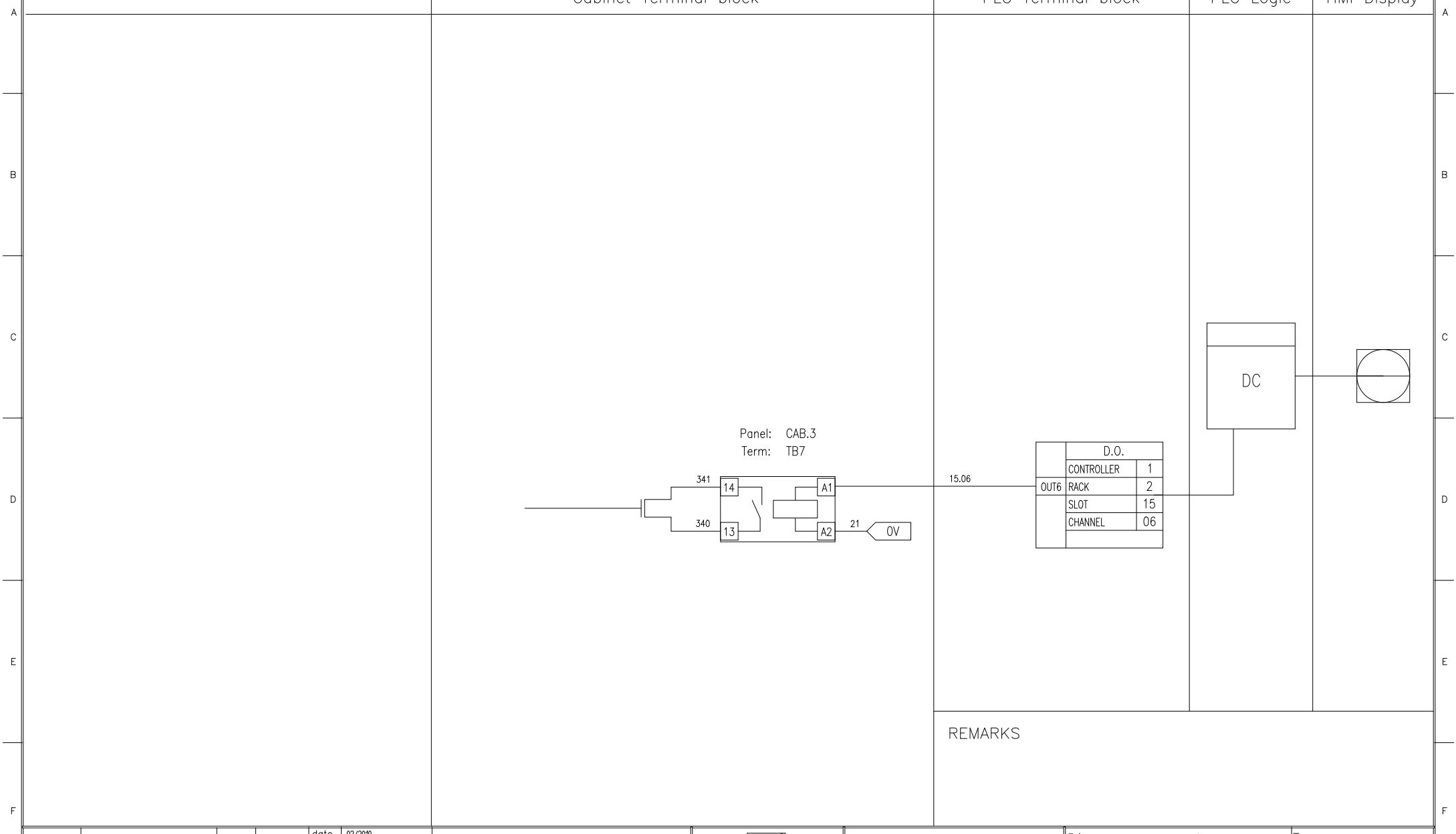
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



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Rev.	Revision	Date	Name	stand.	SPAC9.1				Job:	1E35	+
2it. DIN 6771/Teil 5 1	2	3	4	5	6	7	8	9	dwg.	1E35.85.002	sheet 49 50 n.sh

SULPHUREX PLANT



SPARE D.O.

drawing's title:

FILE:1E3585002-049

1 2 3 4 5 6 7 8 9 10

Electrical room  
90.LVB.1

Technical room

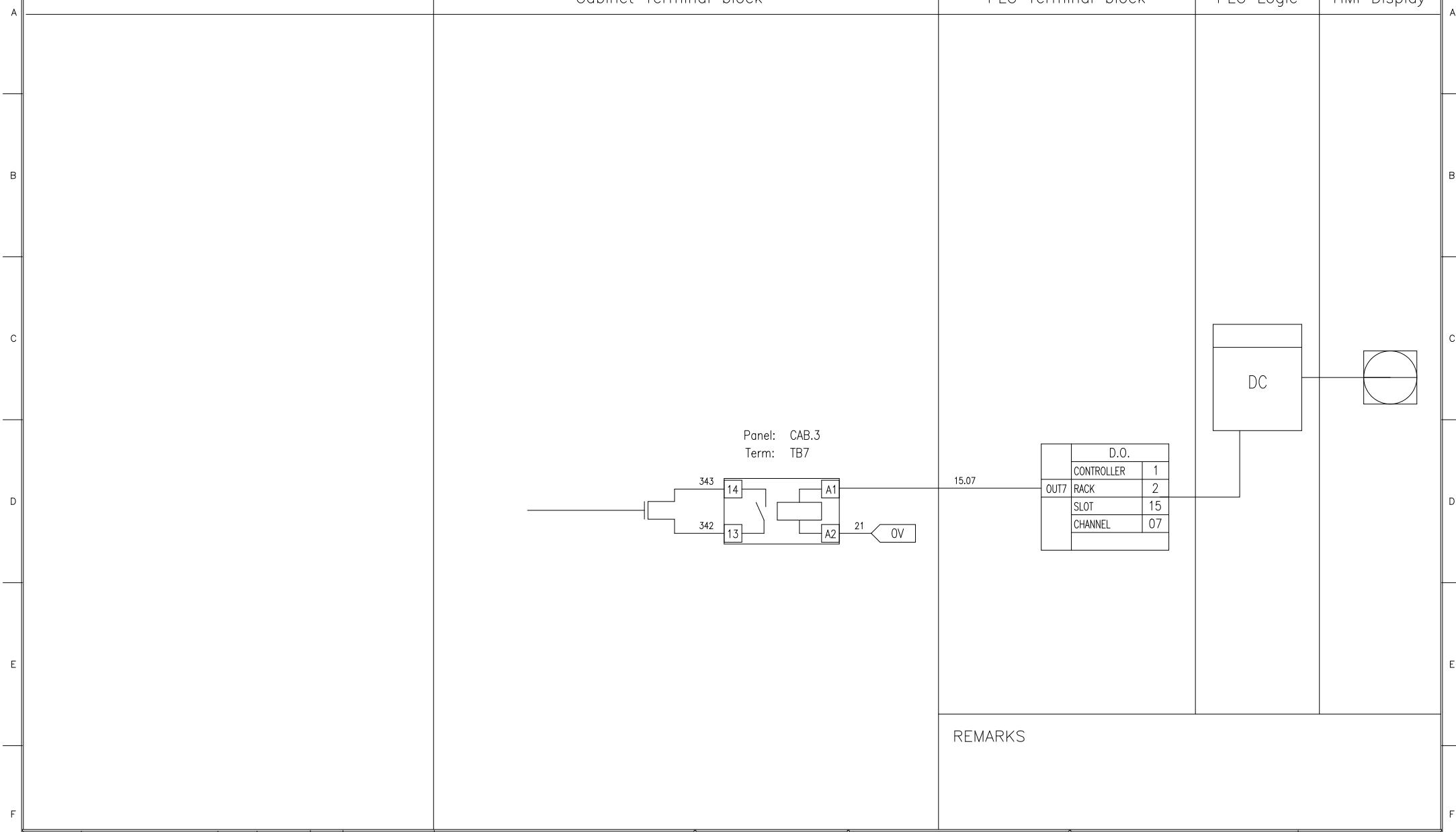
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1

SULPHUREX PLANT

SPARE D.O.  
drawing's title:

Dis. 08039LD01

Job: 1E35 dwg. 1E35.85.002

sheet 50  
51 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

A

A

B

B

C

C

D

D

E

E

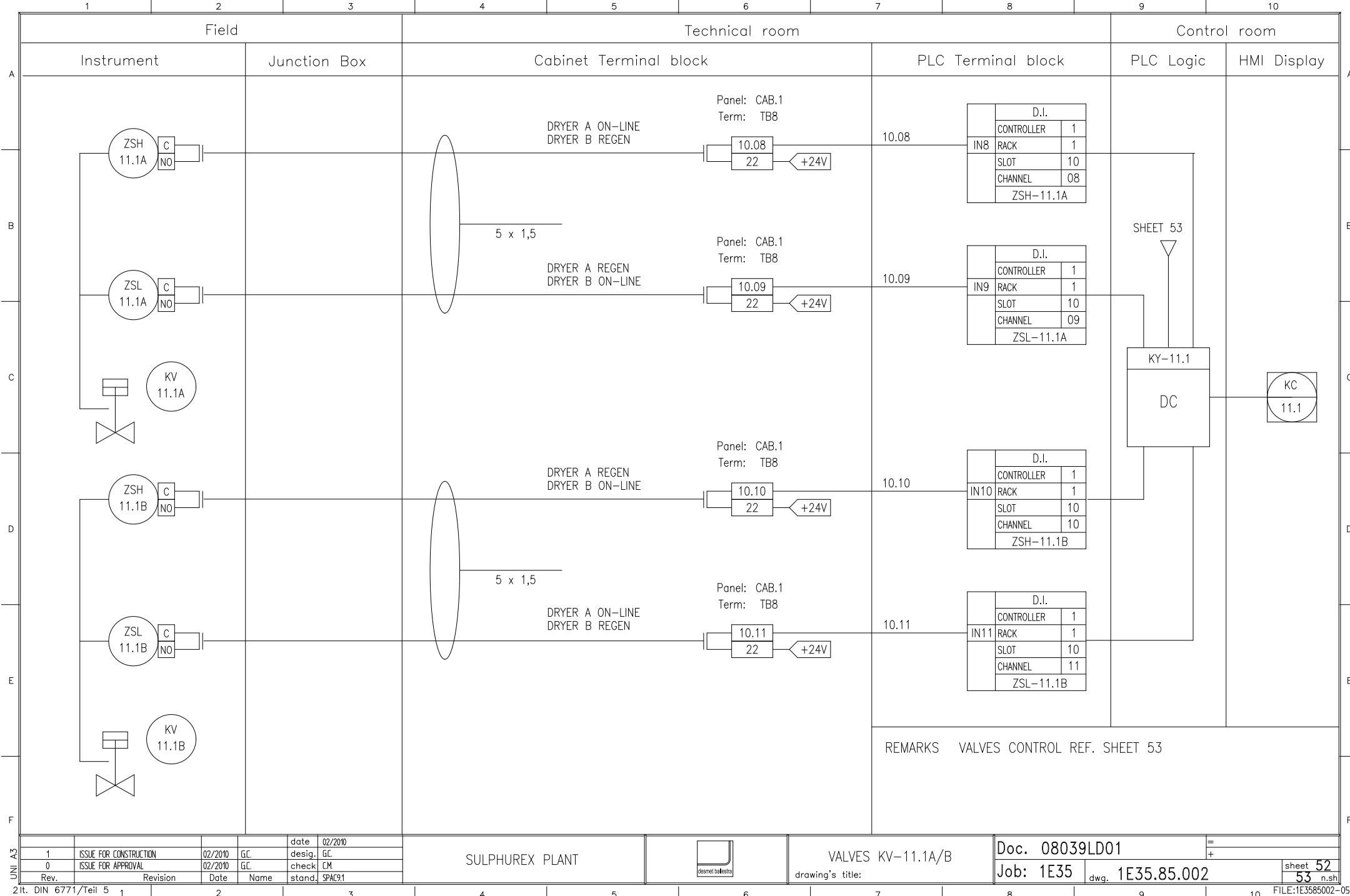
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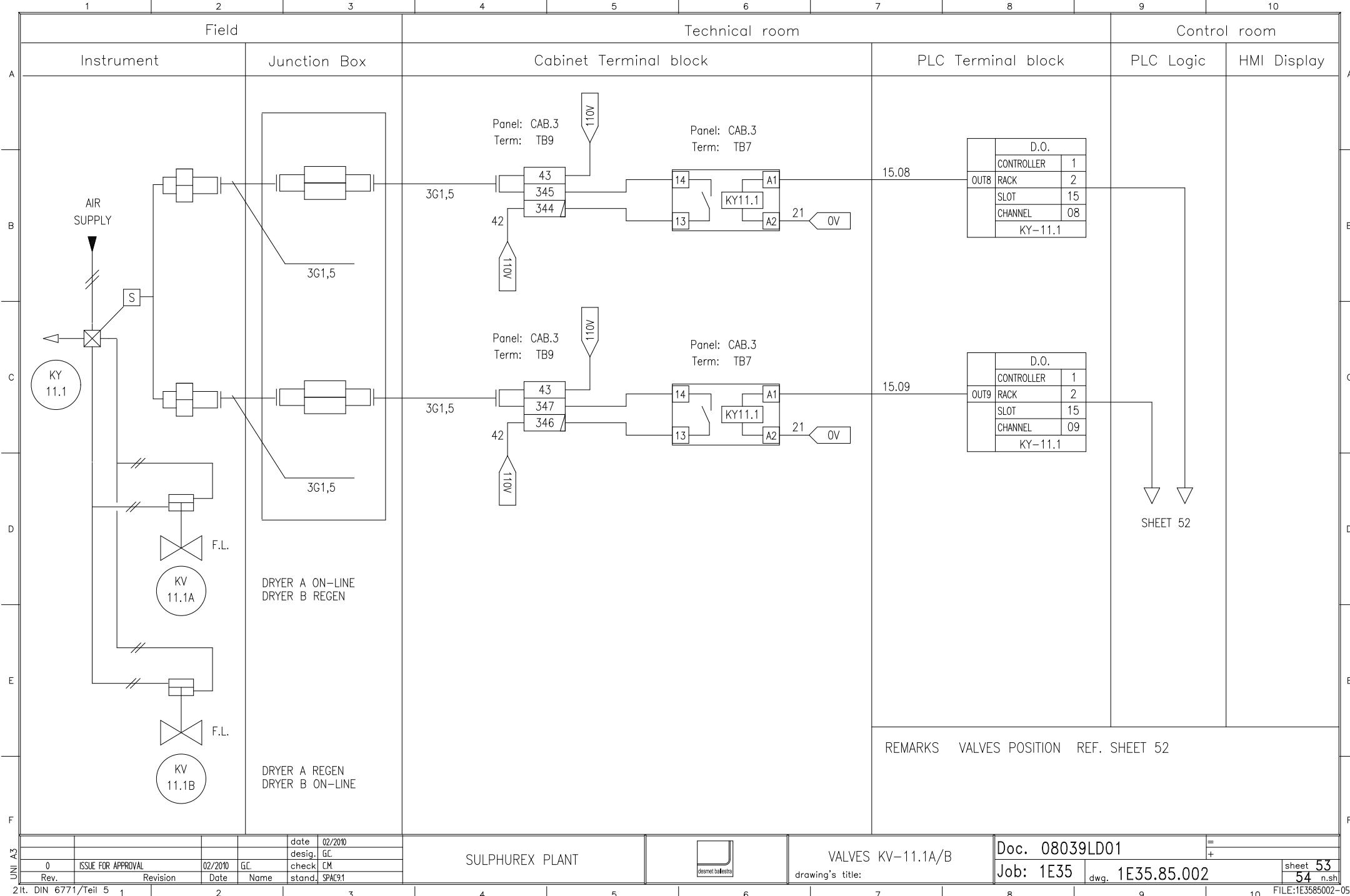
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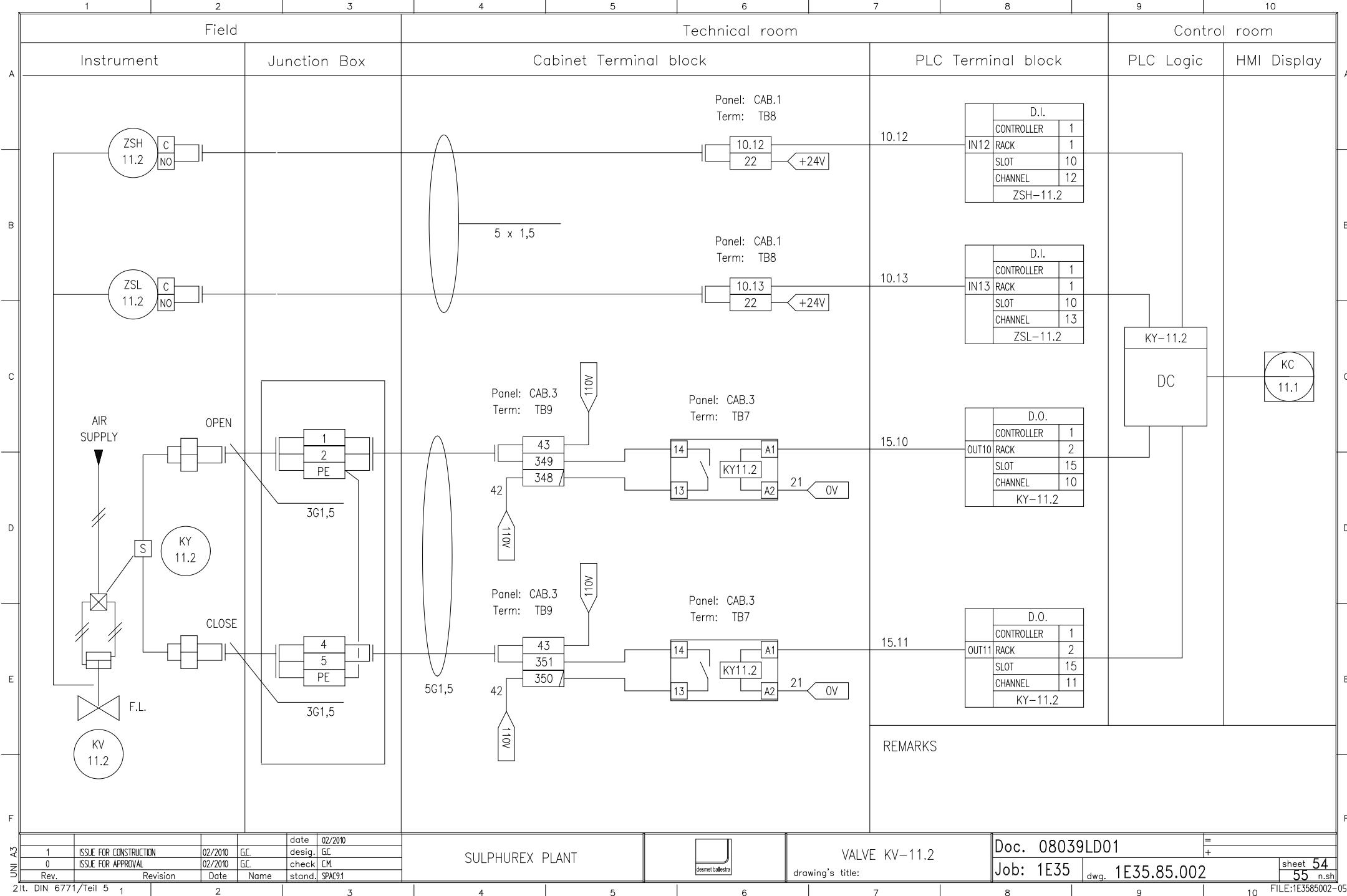
UNI A3					date 02/2010				Dis. 08039LD01	=	
					desig. GC					+	
0	ISSUE FOR APPROVAL		02/2010	GC	check CM						
Rev.	Revision	Date	Name	stand.	SPAC9.1				Job: 1E35	dwg. 1E35.85.002	sheet 51
2it. DIN 6771/Teil 5 1		2	3	4	5	SULPHUREX PLANT	6	SPARE SHEET drawing's title:			52 n.sh

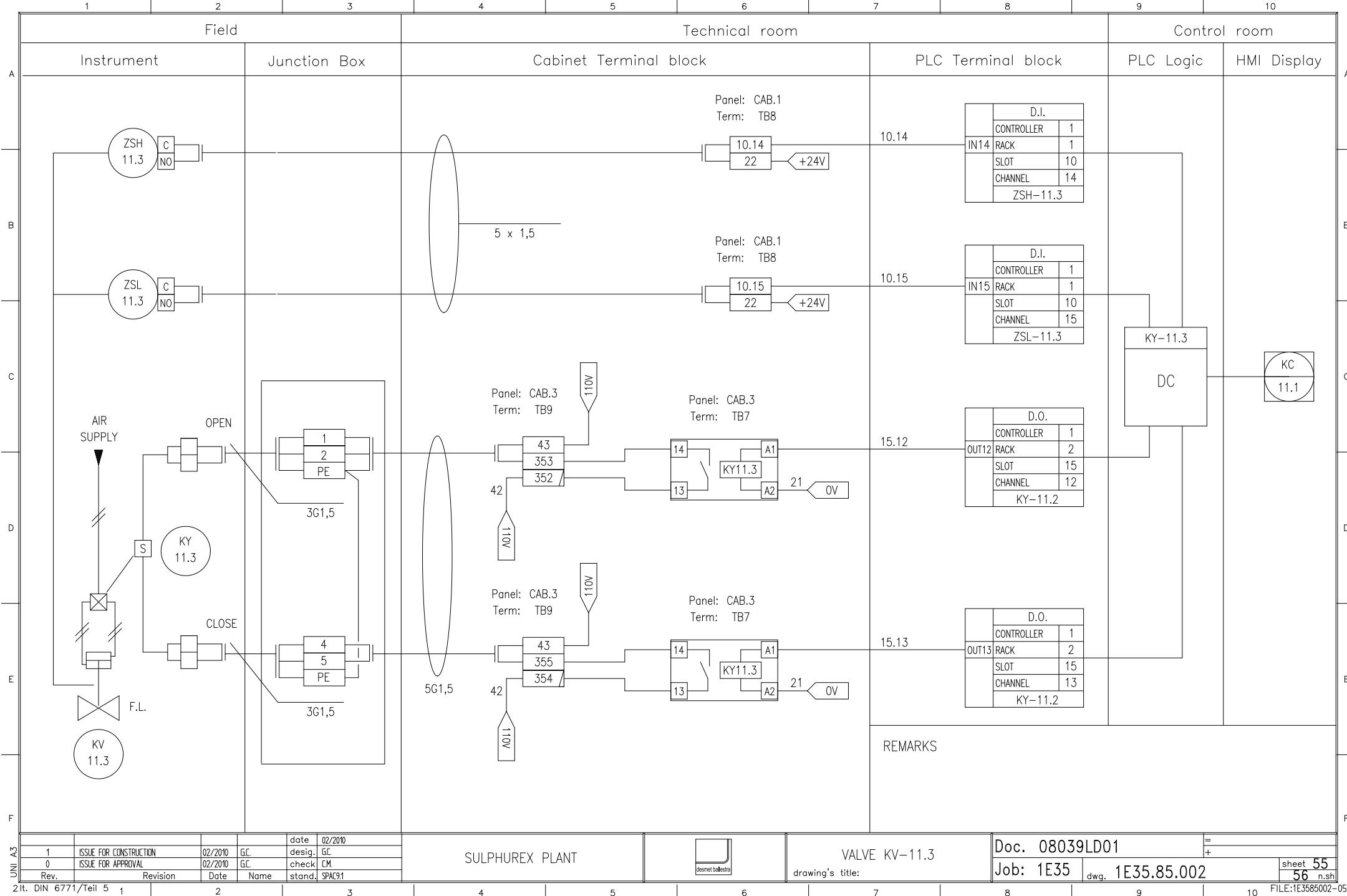


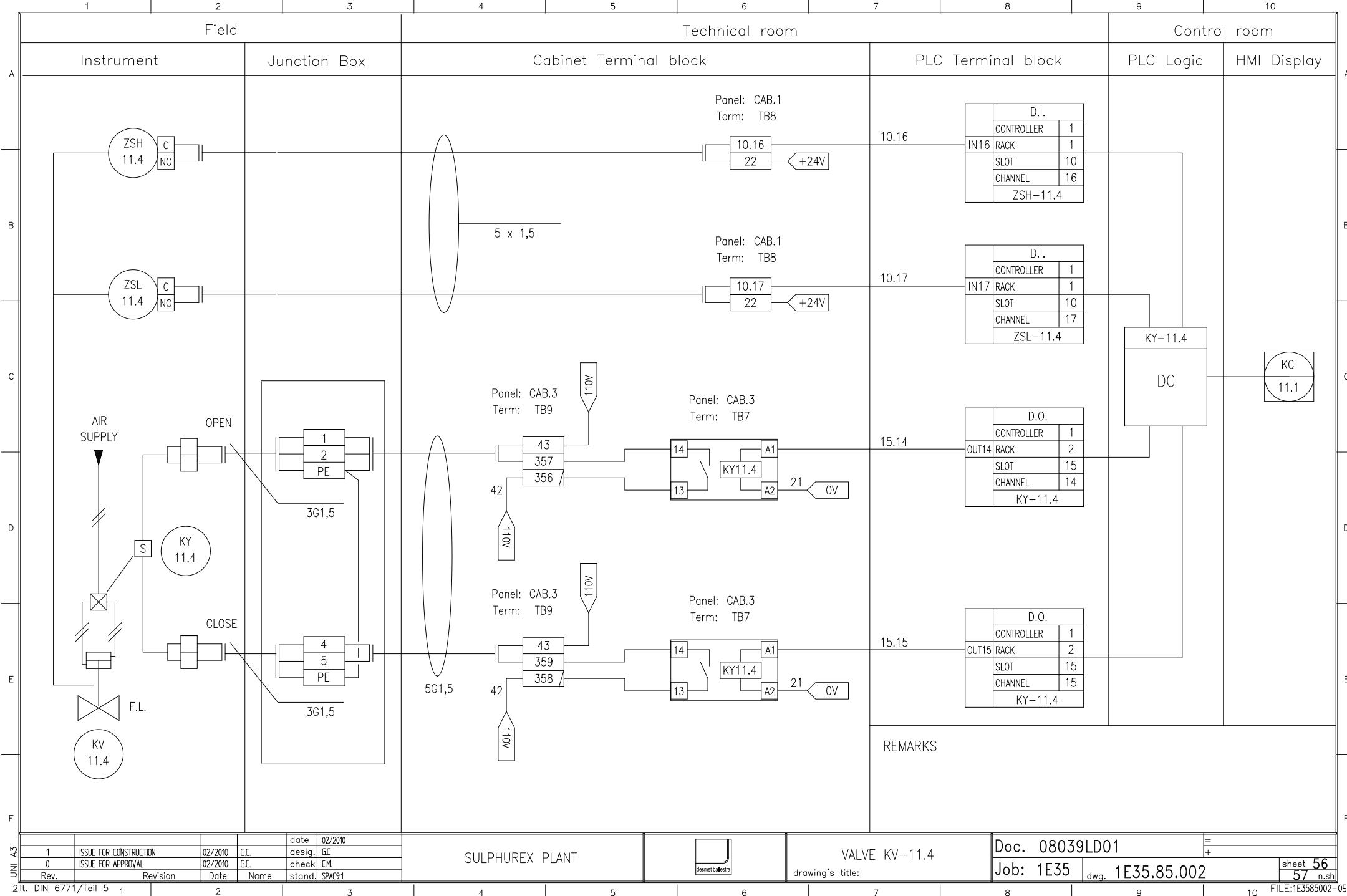
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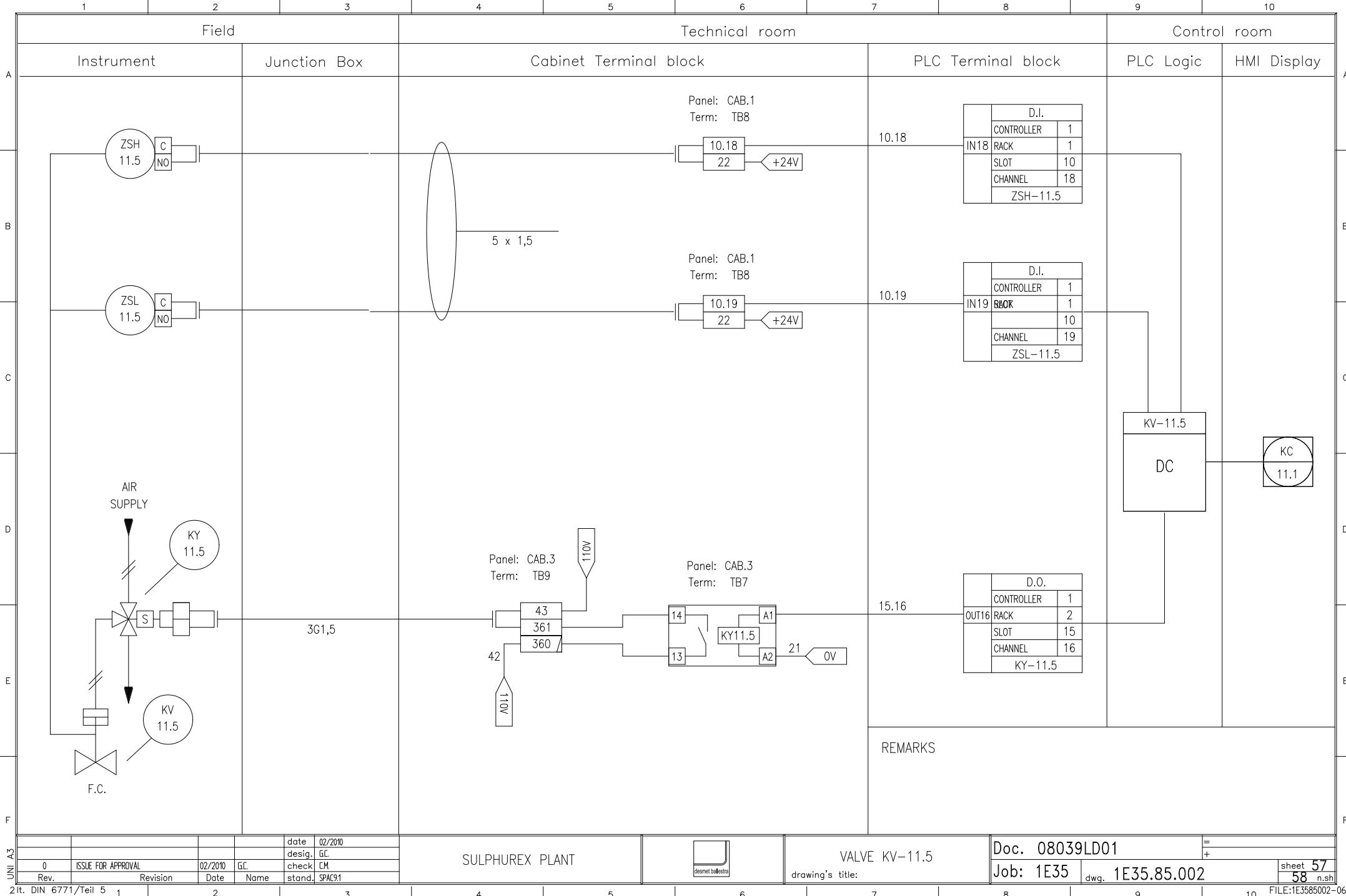


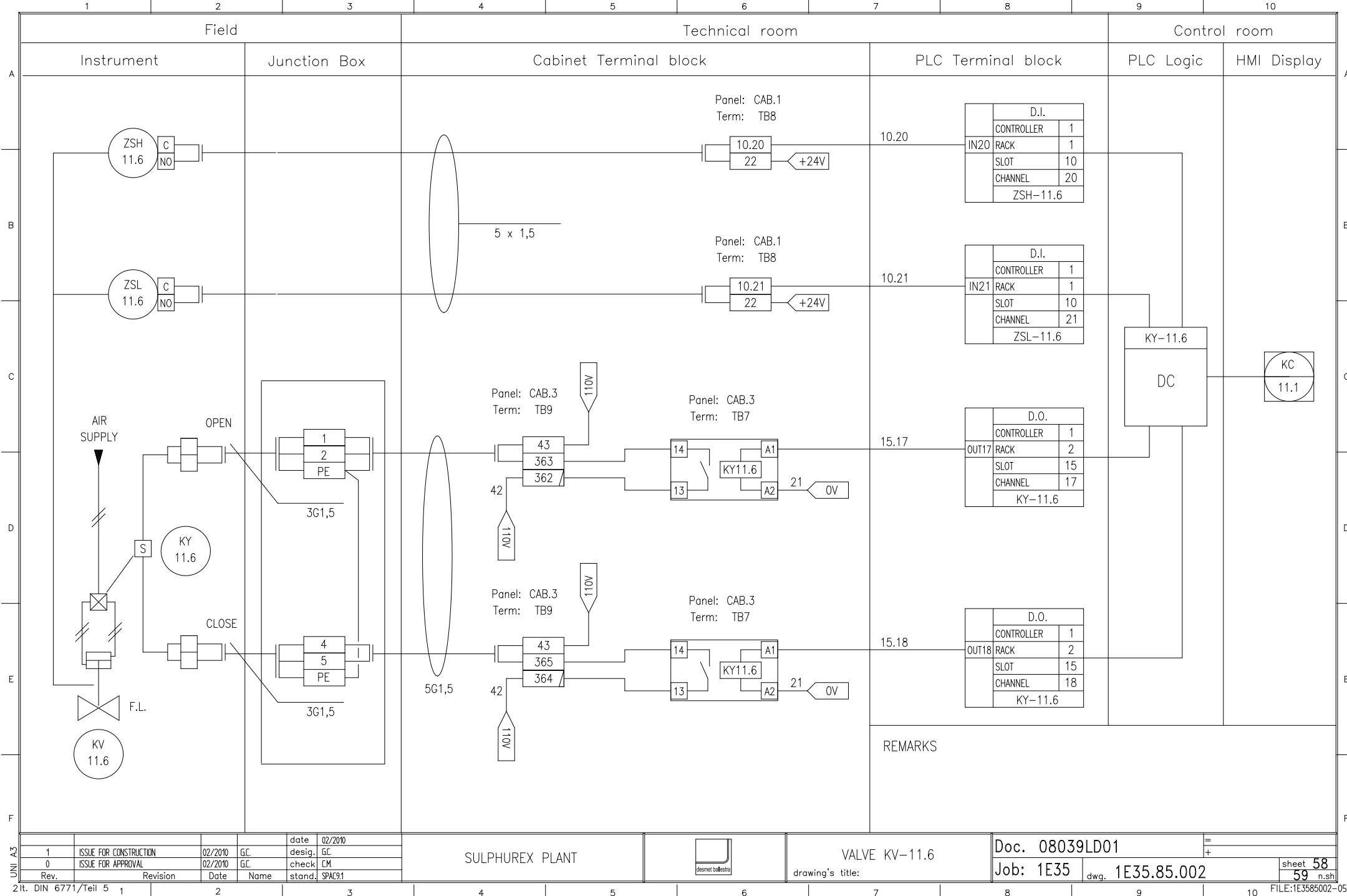


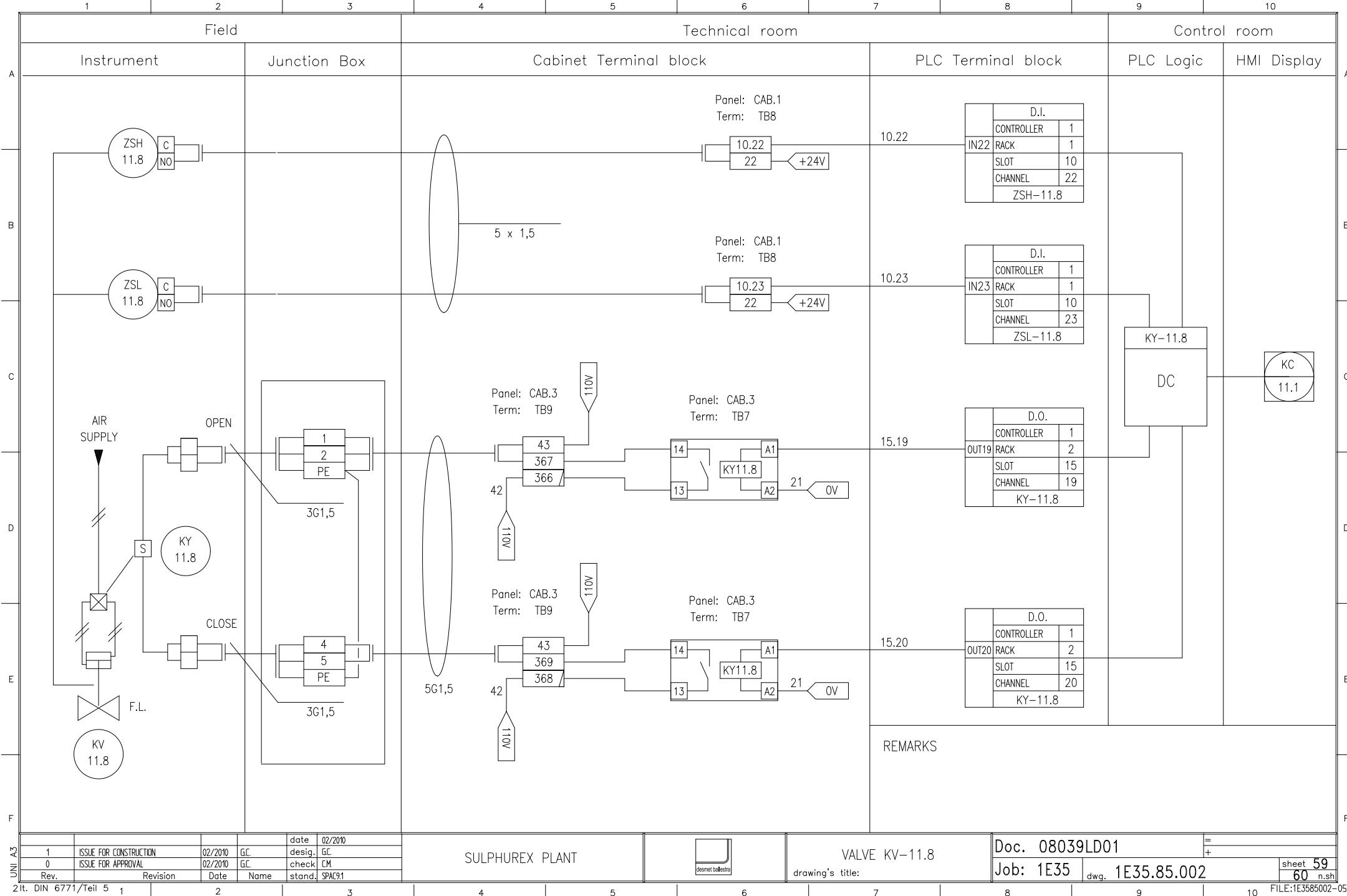


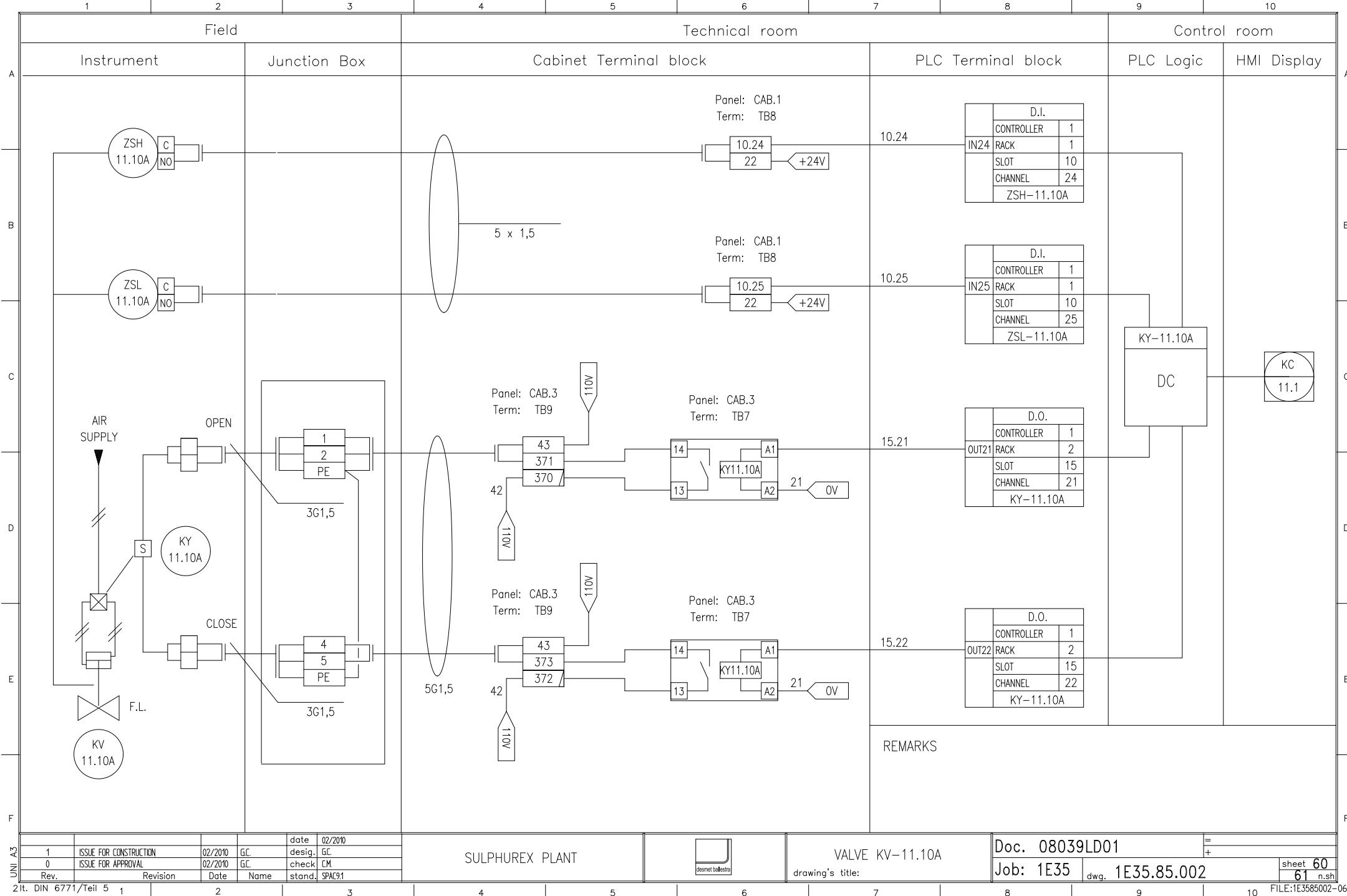


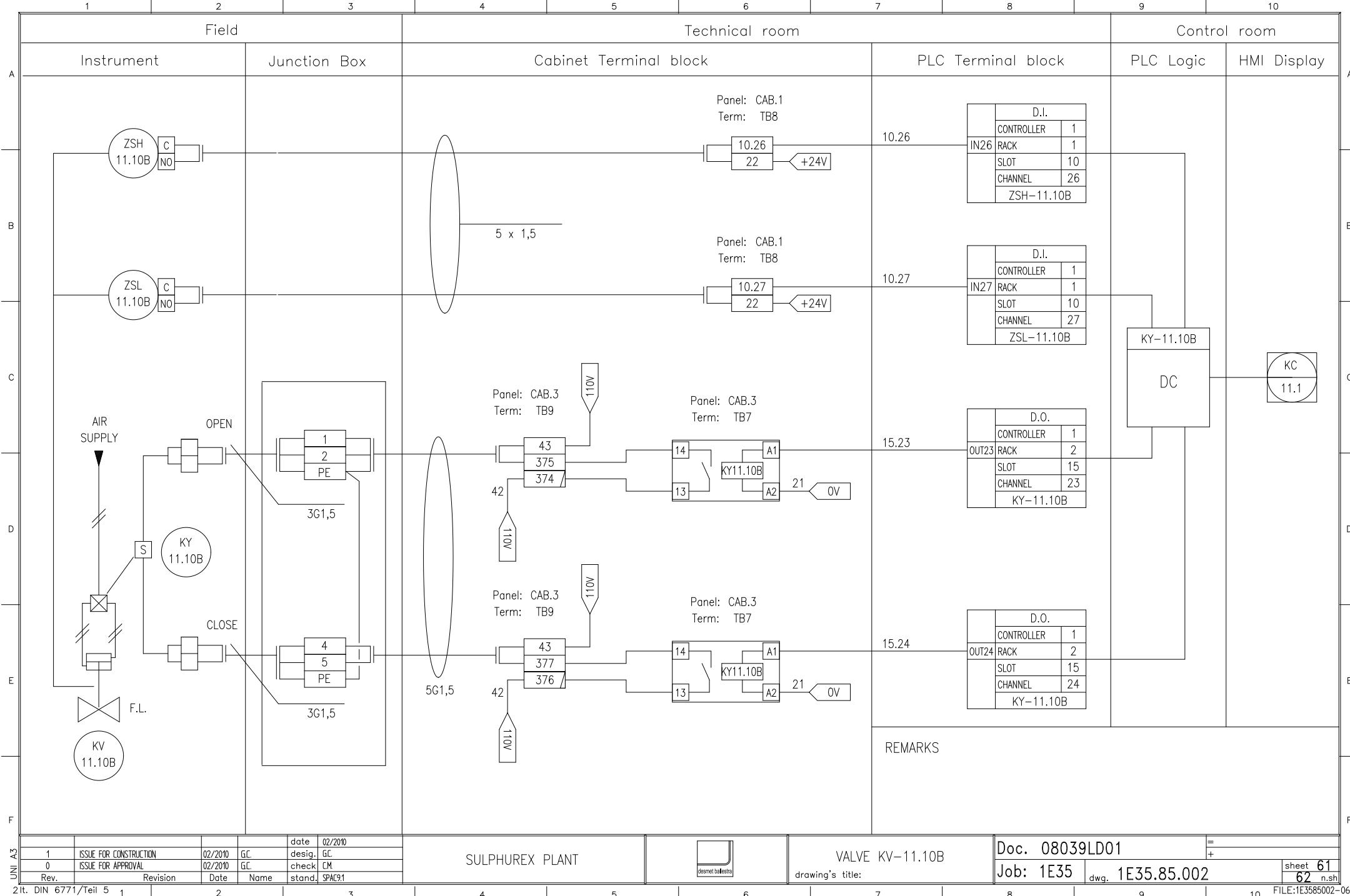


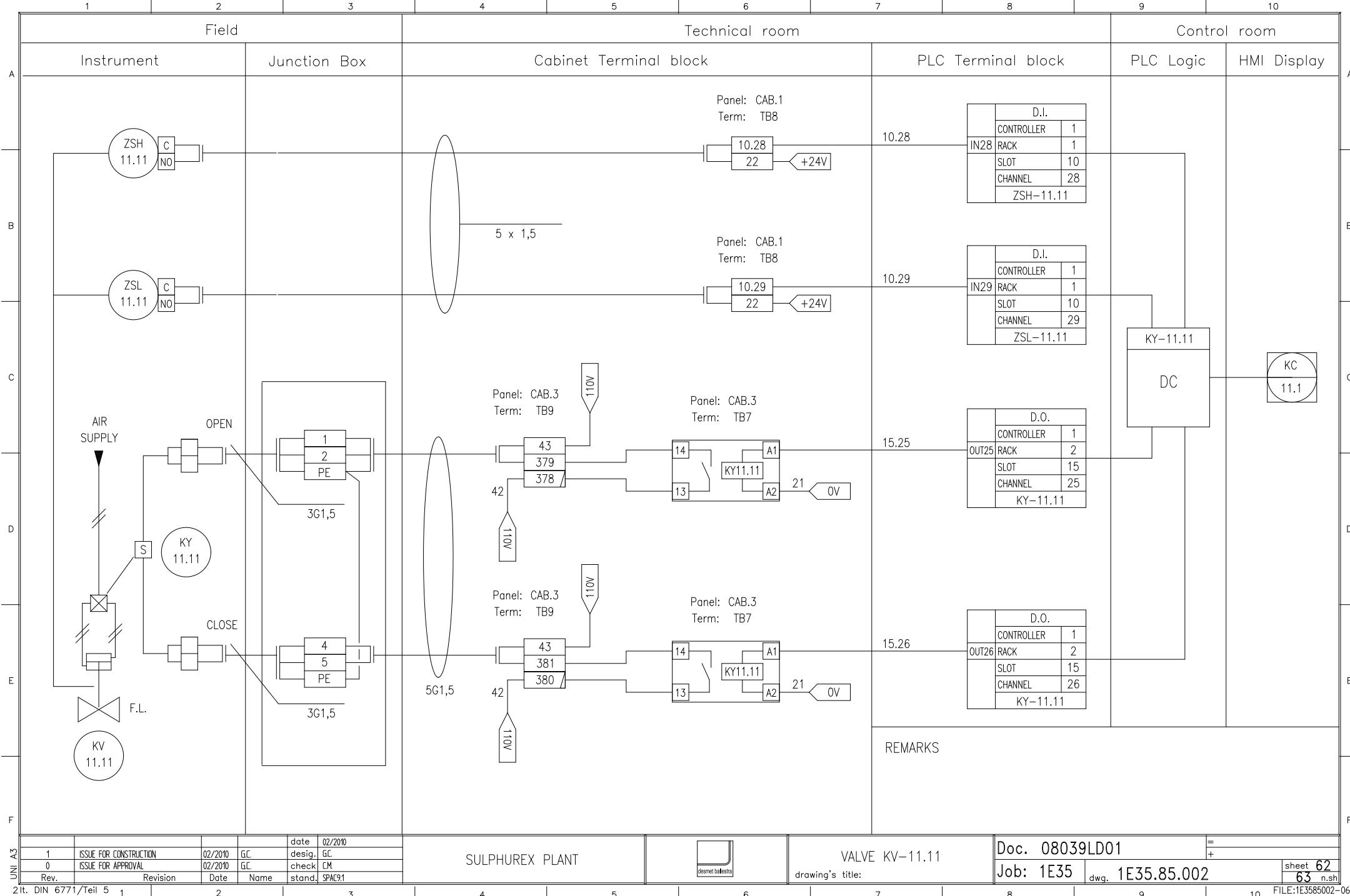


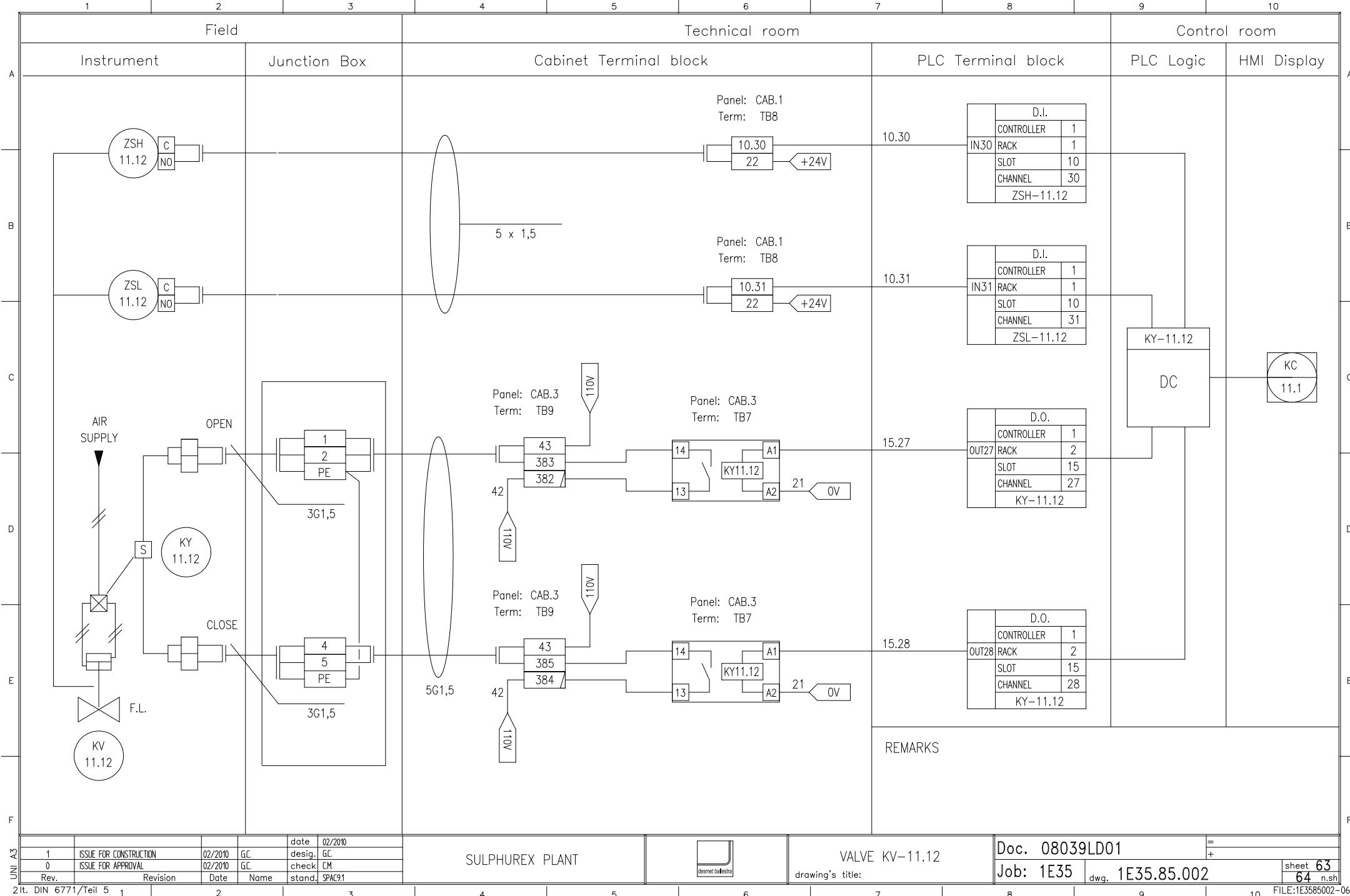


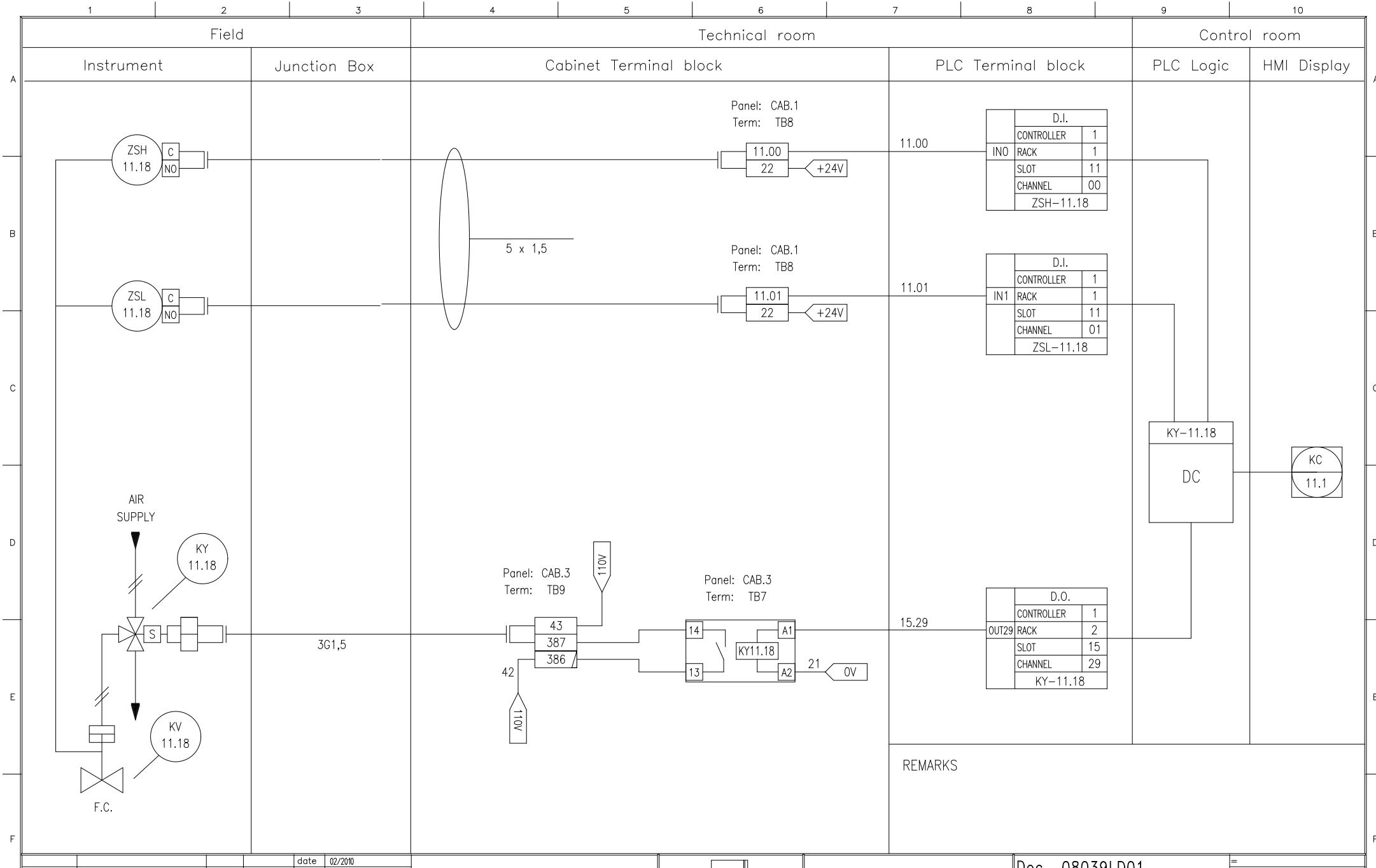












UNI A3						date	02/2010
	0	ISSUE FOR APPROVAL	02/2010	GC		desig.	GC
	Rev.	Revision	Date	Name	check	CM	SPAC9:

SULPHUREX PLANT

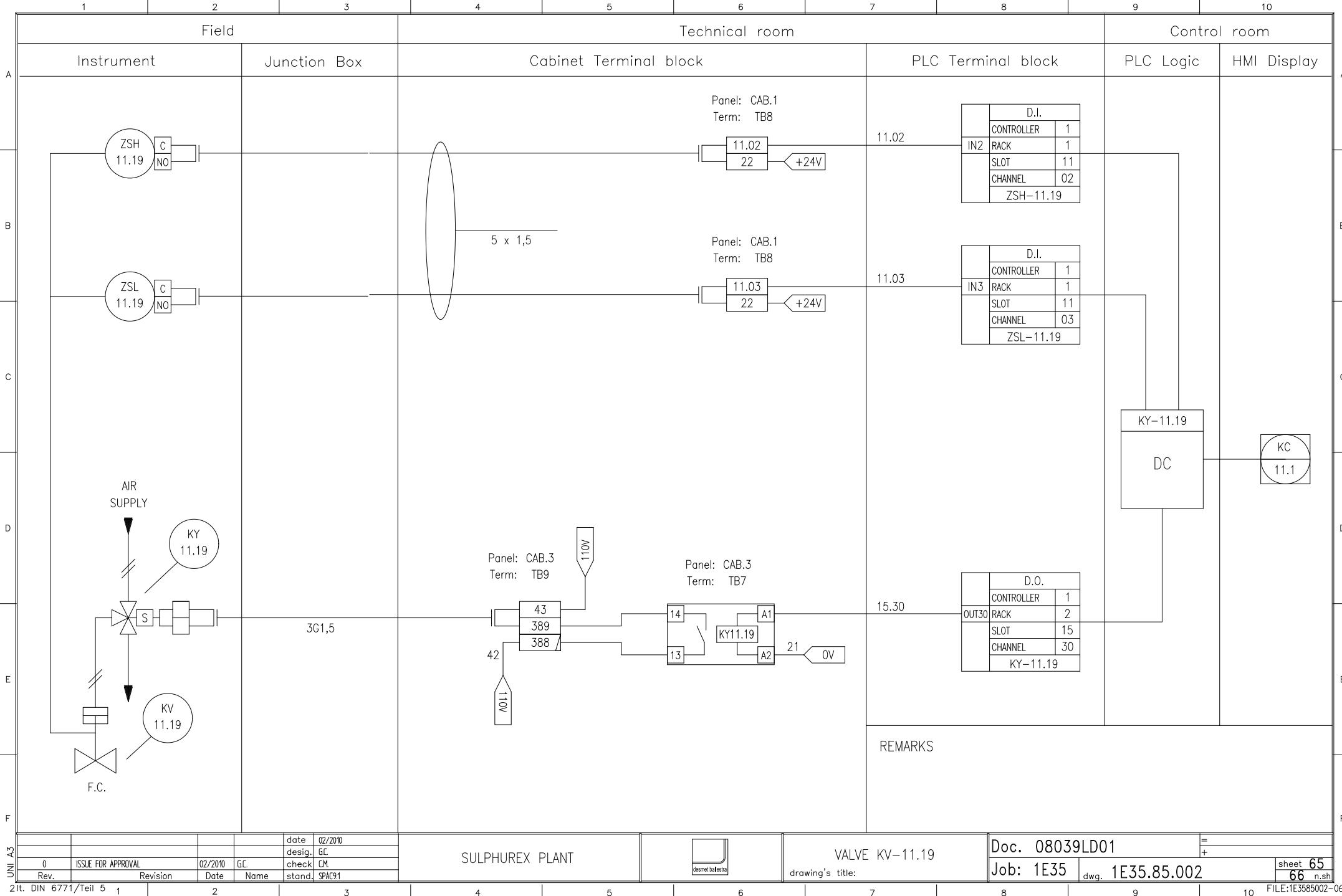


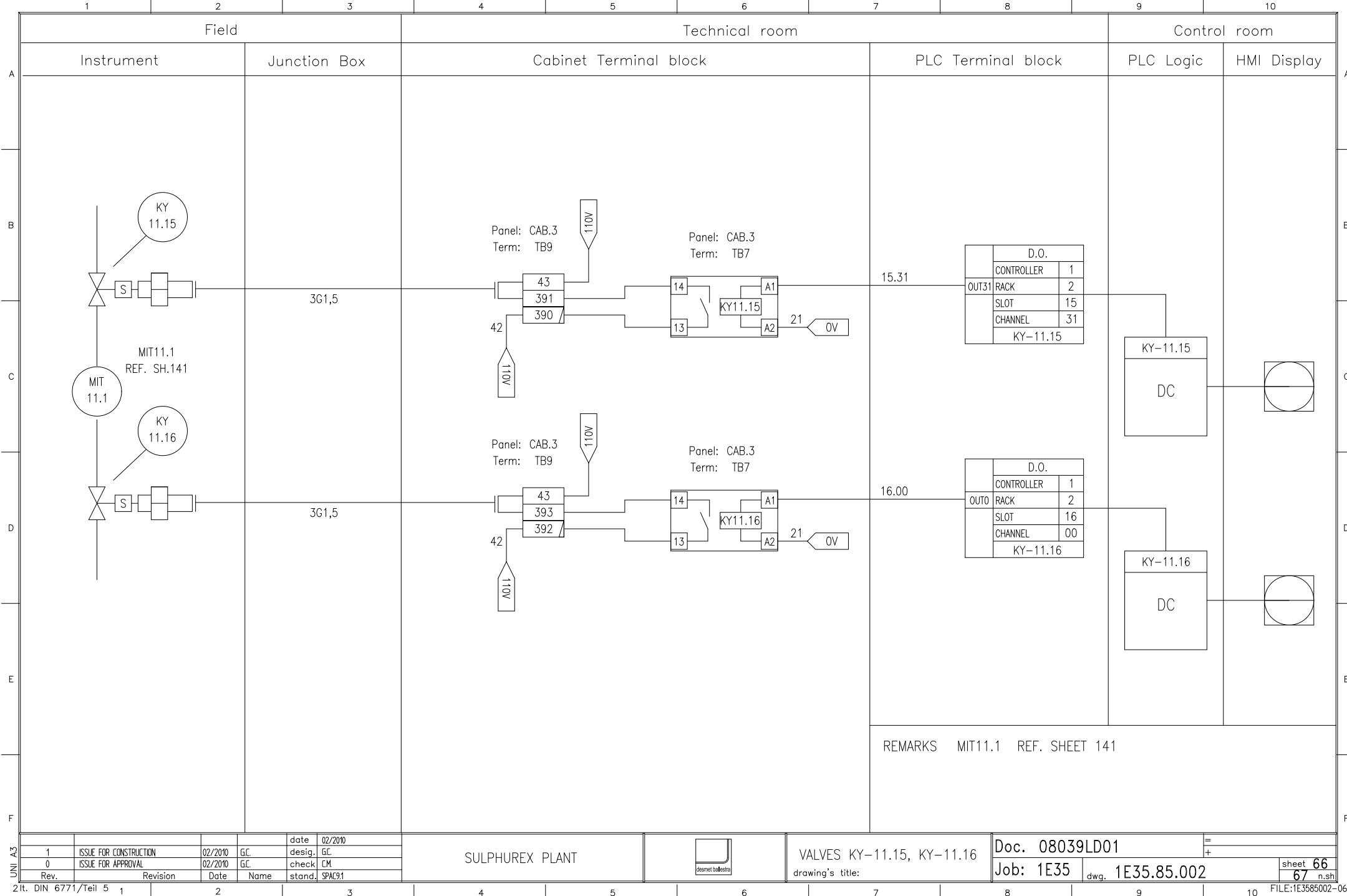
VALVE KV-11.18  
drawing's title:

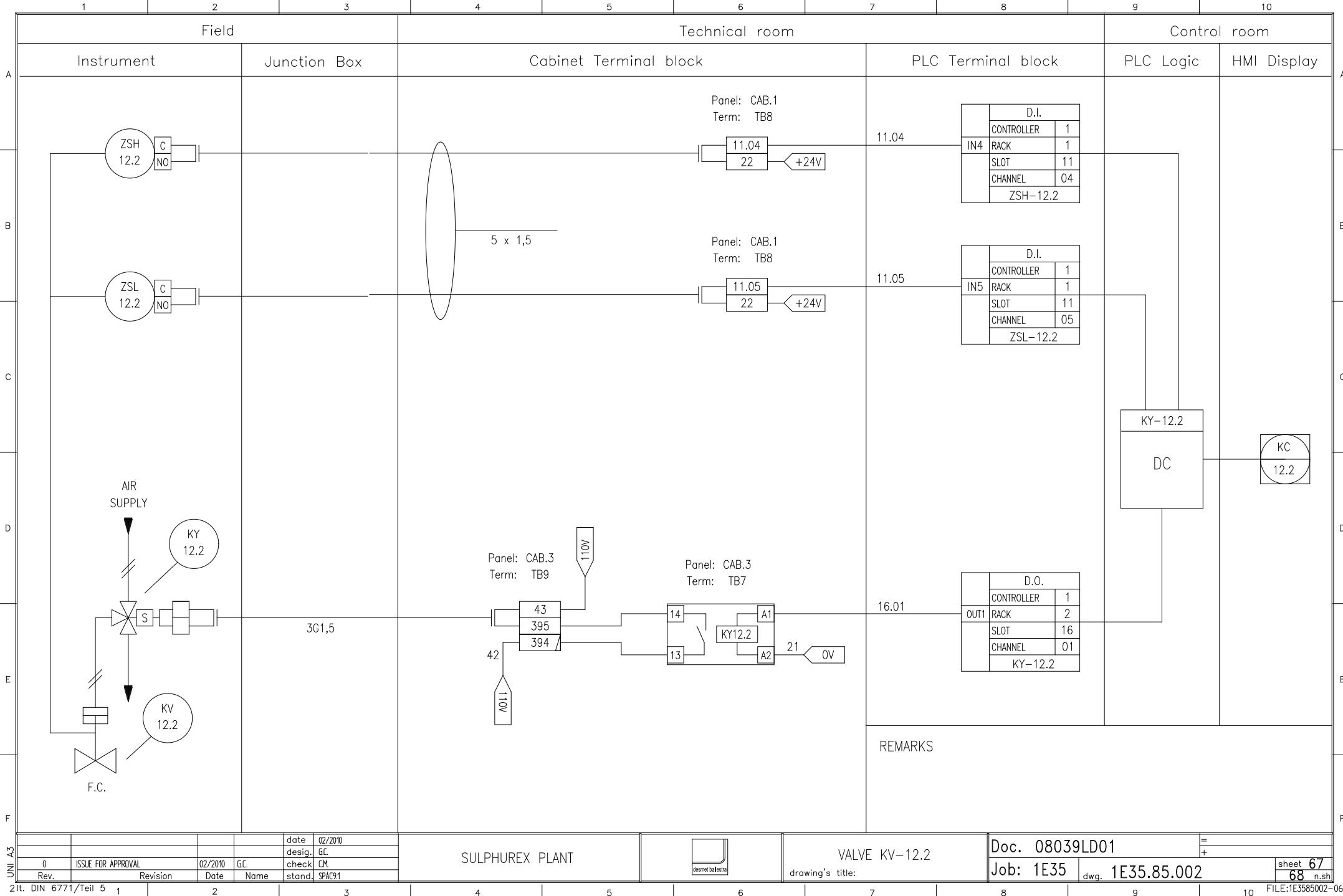
Doc. 08039LD01

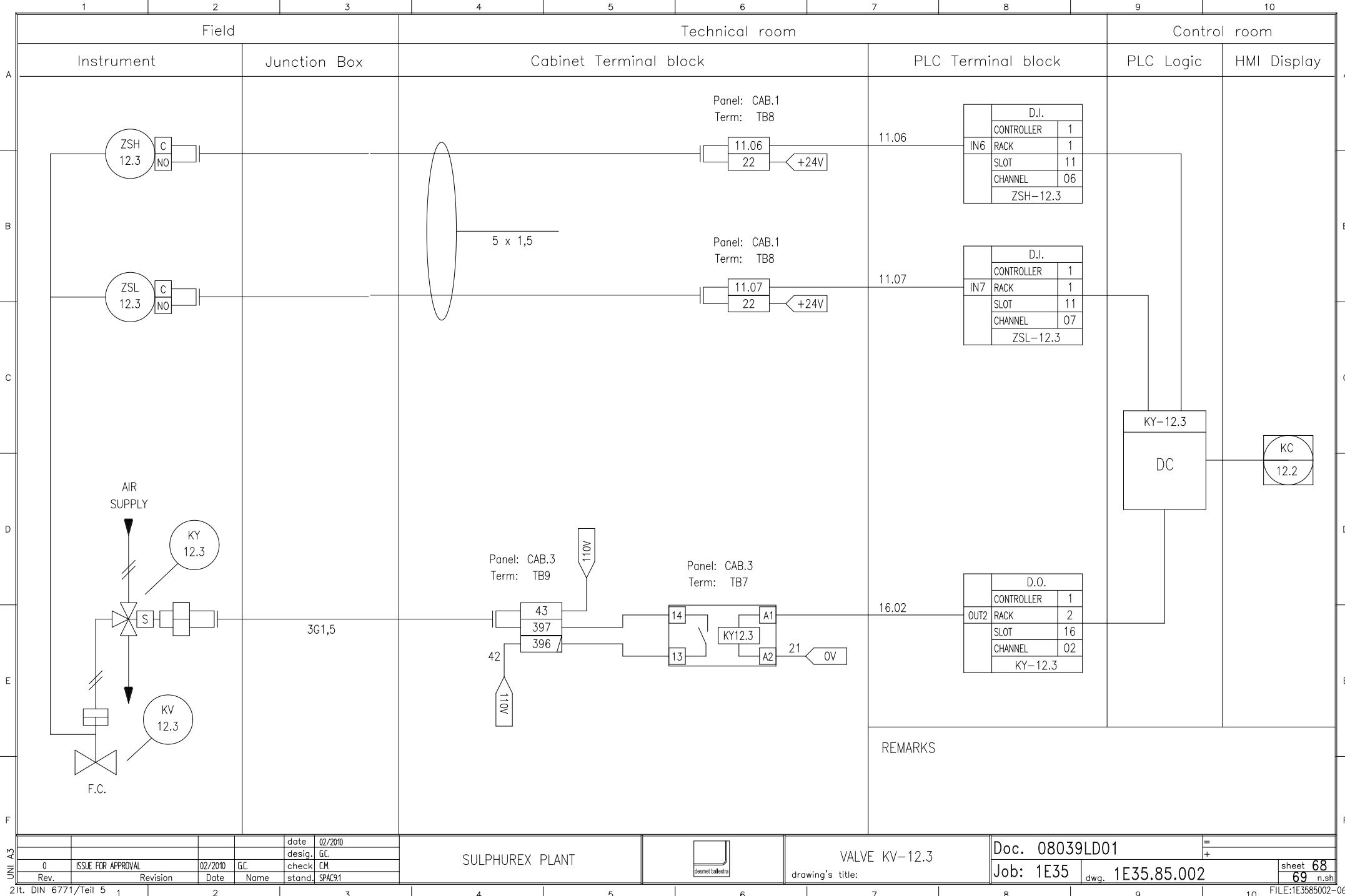
Job: 1E35

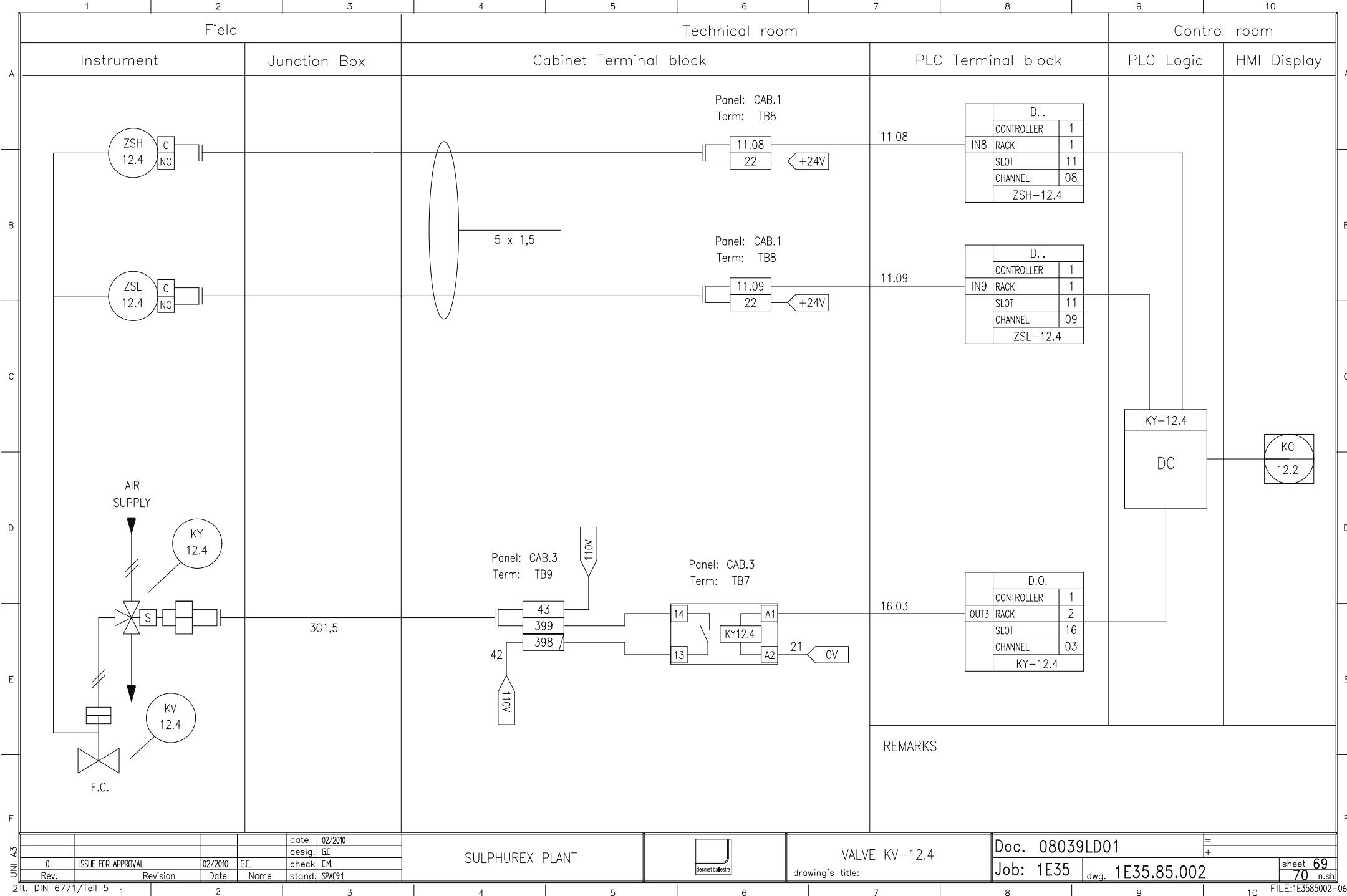
sheet 64  
65

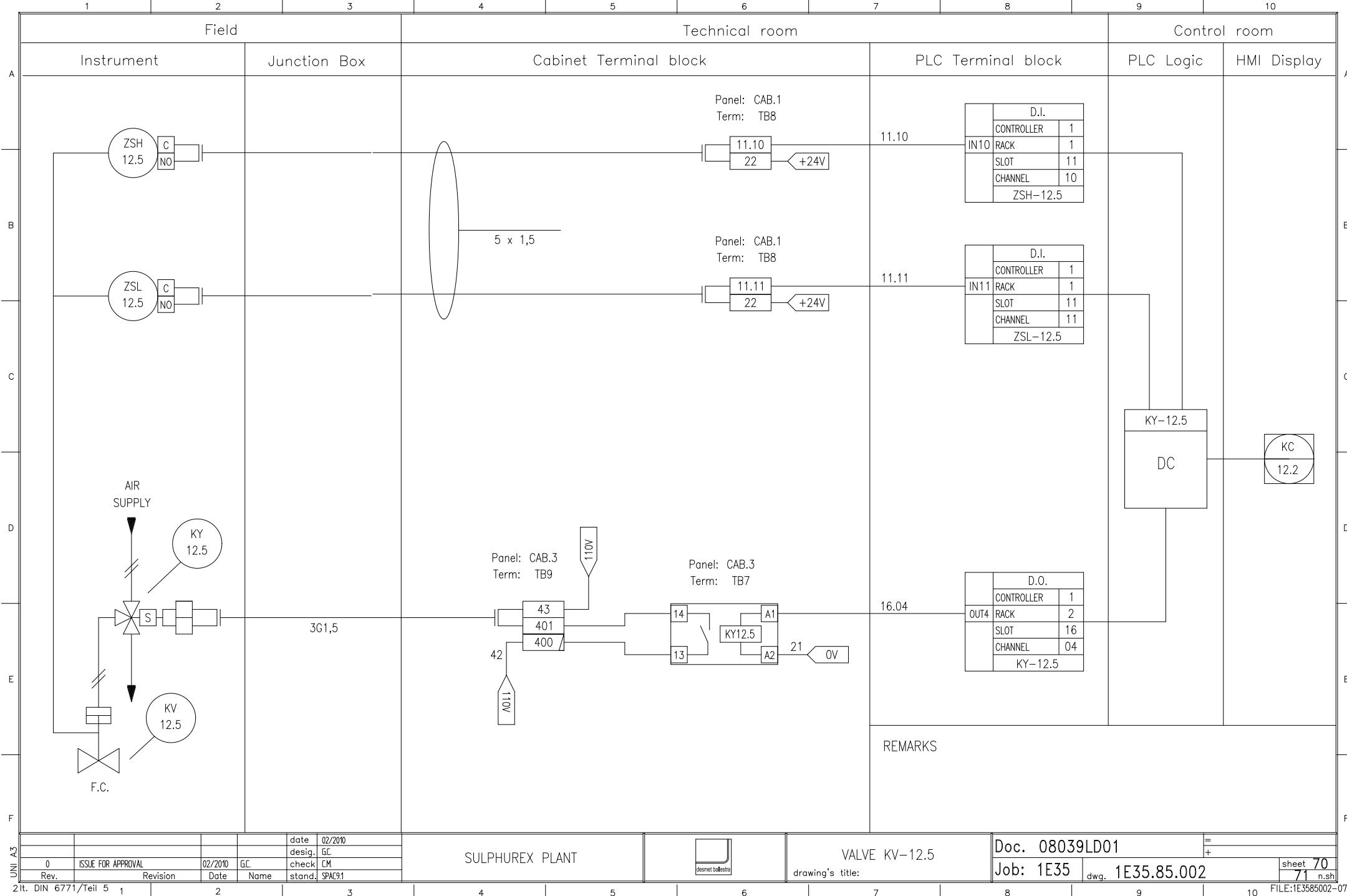


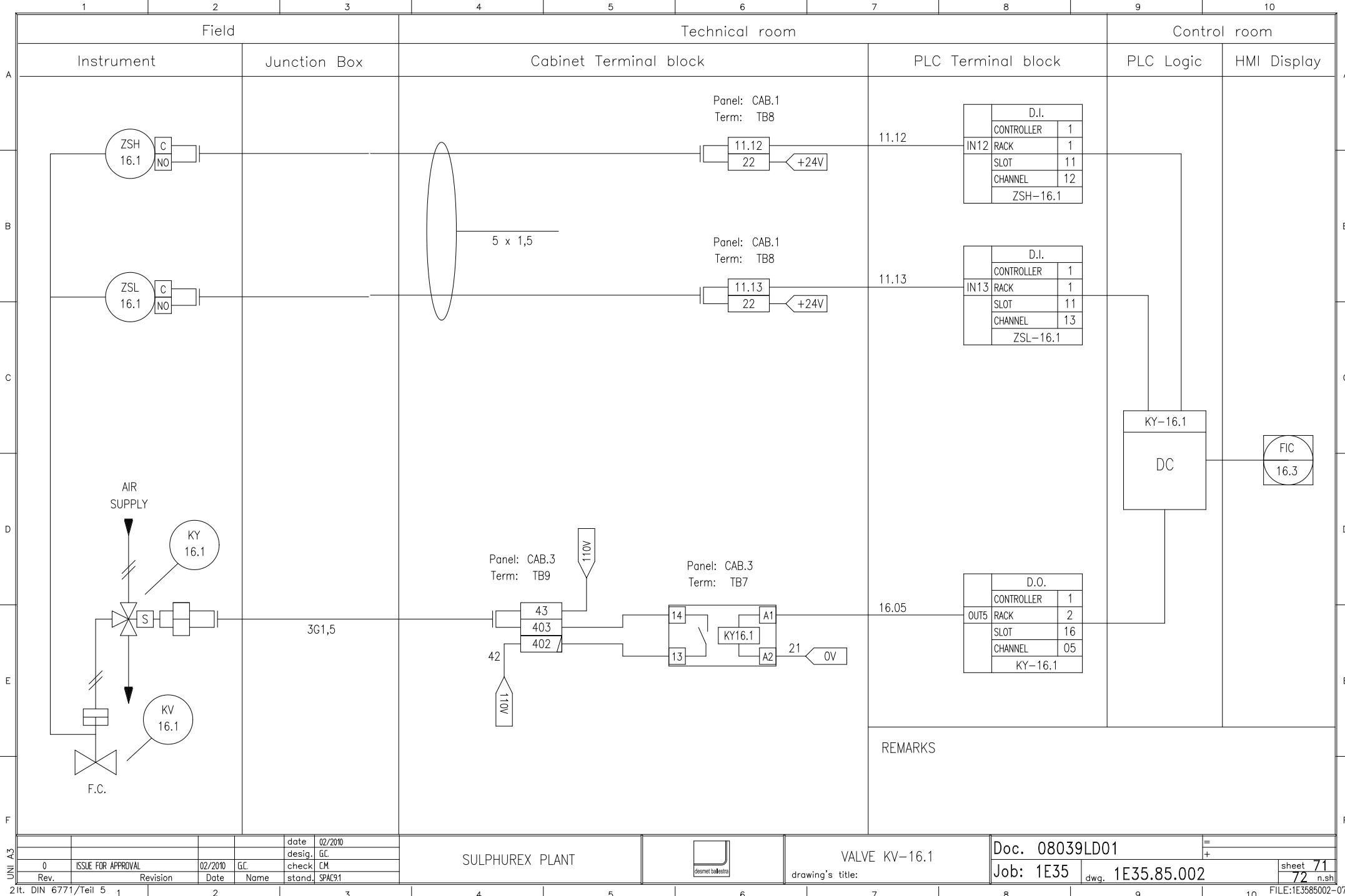


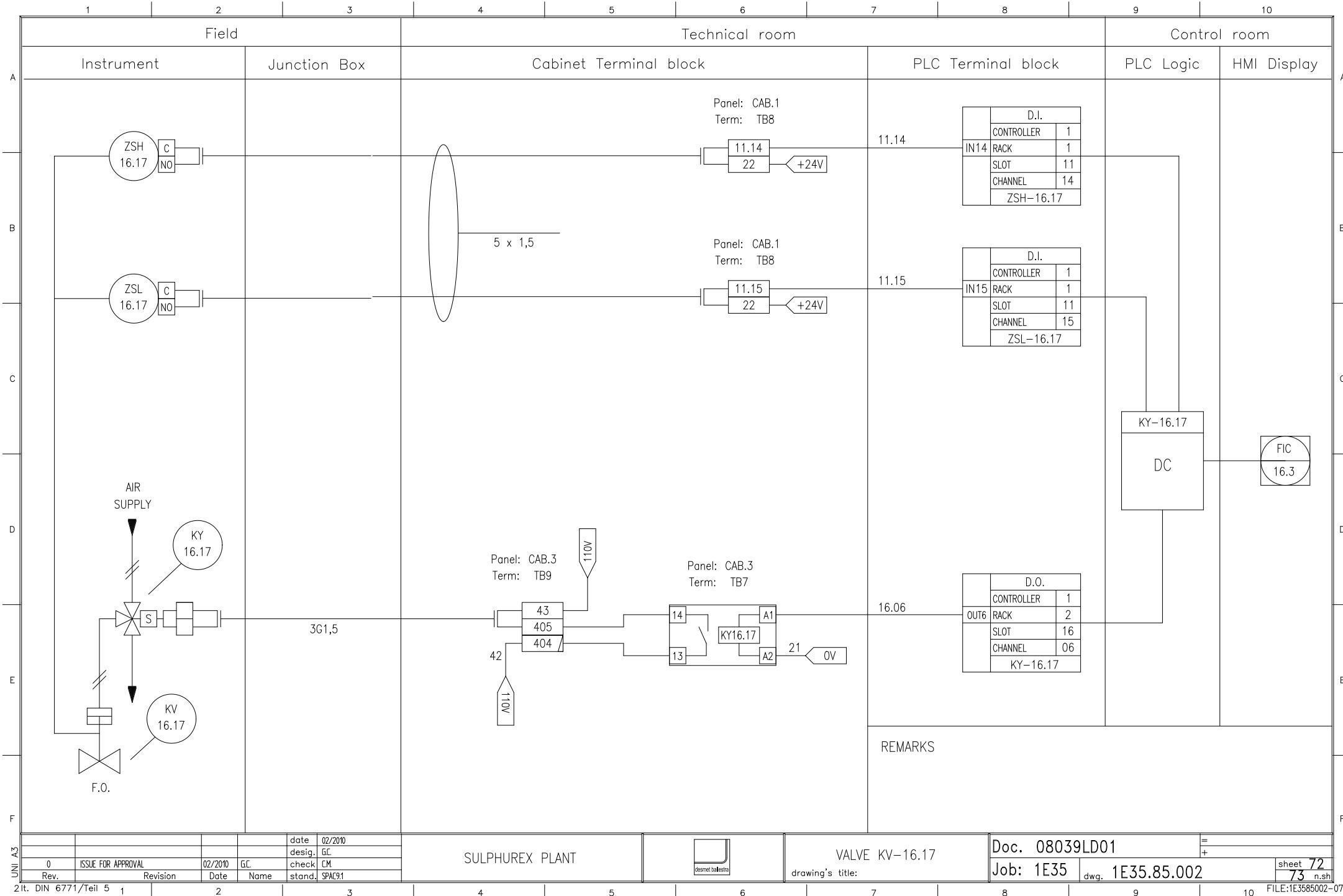


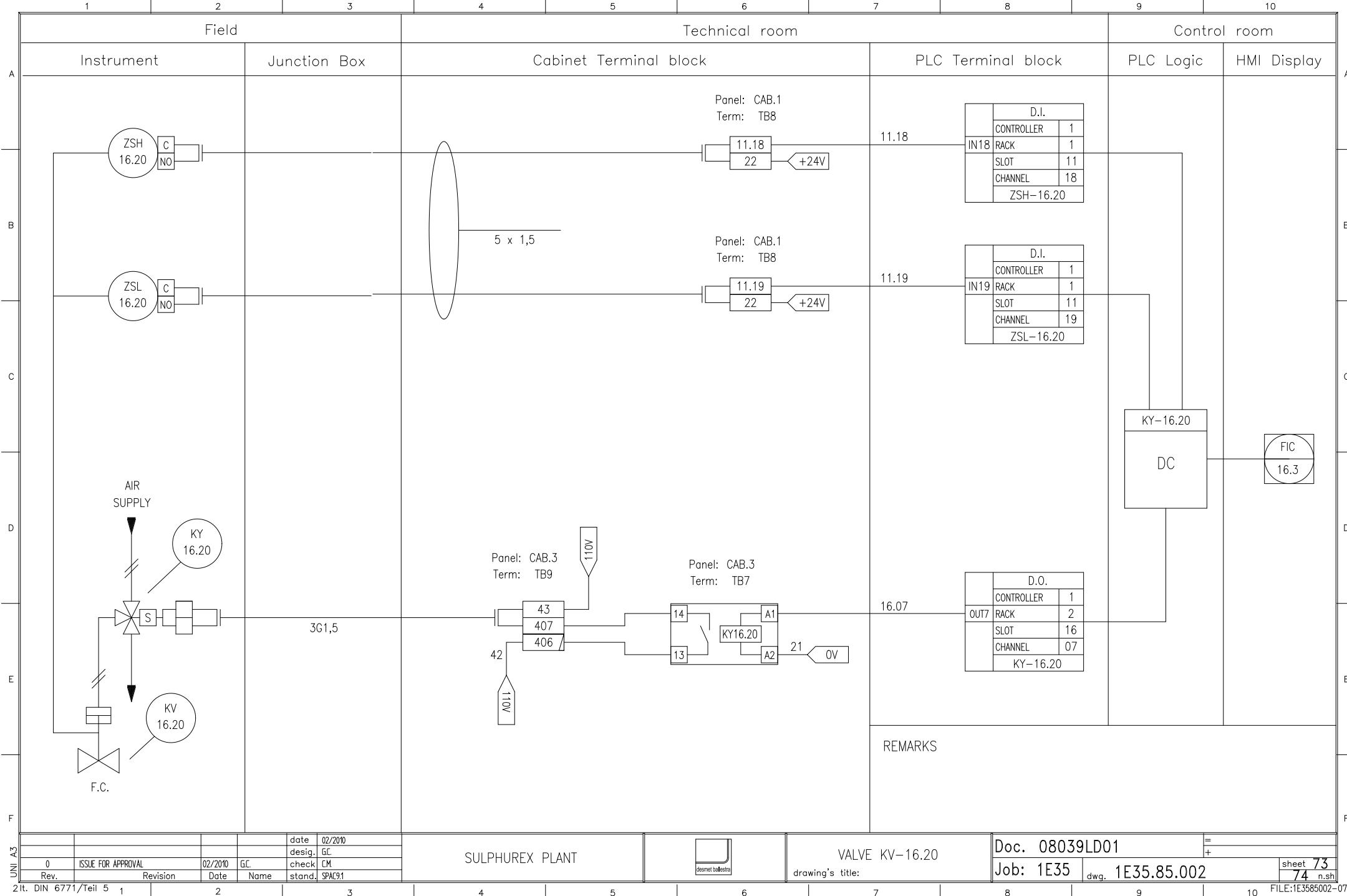


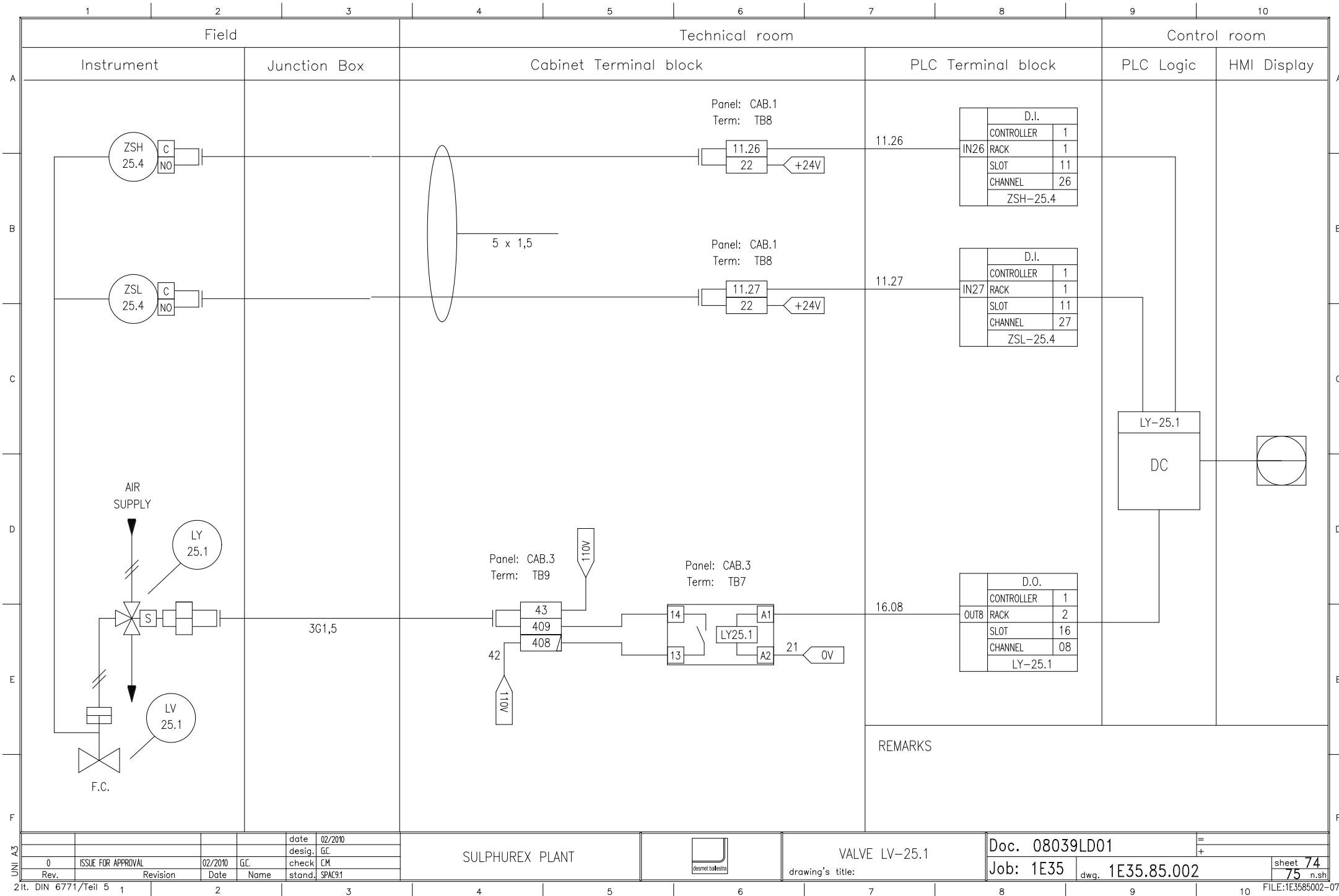


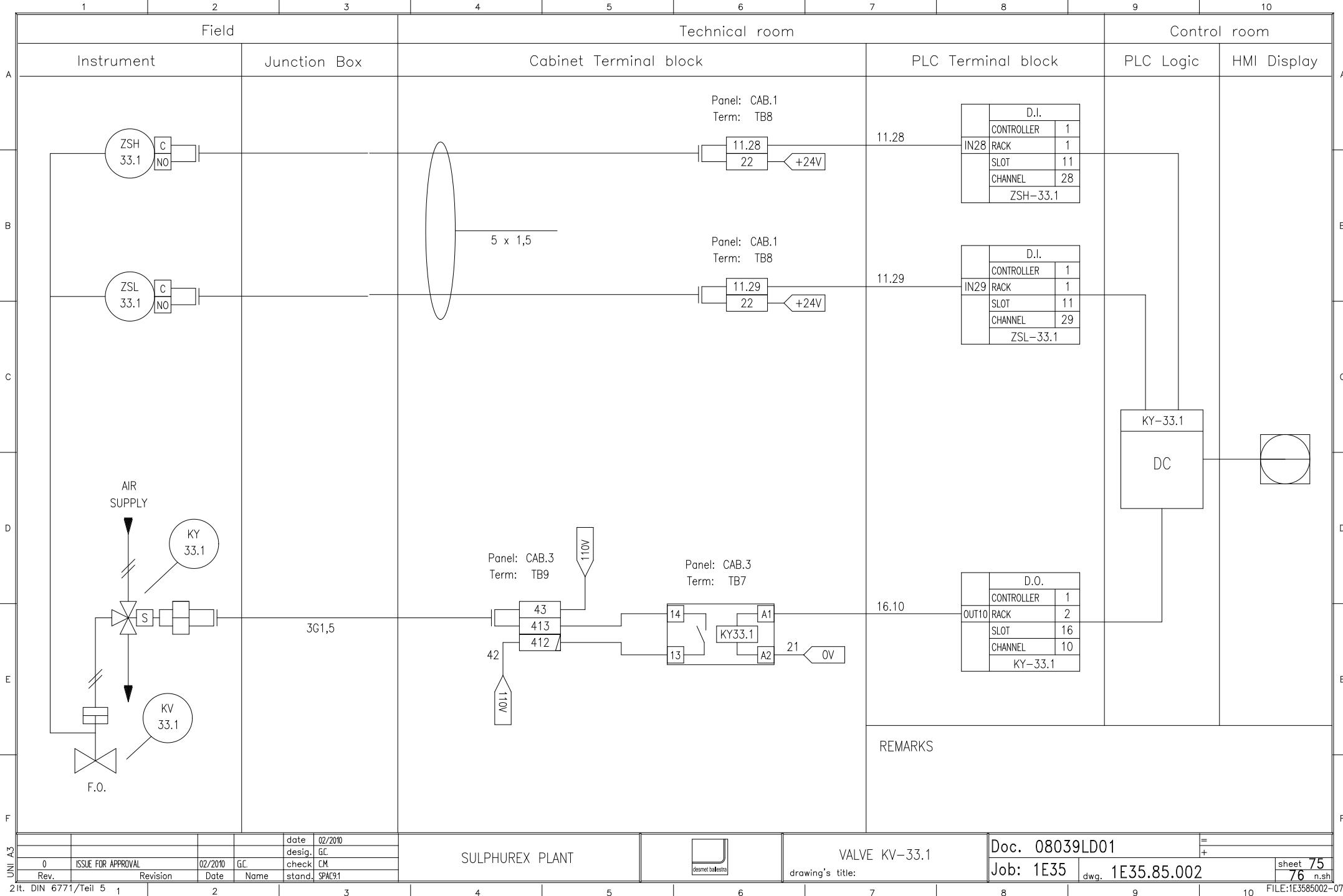


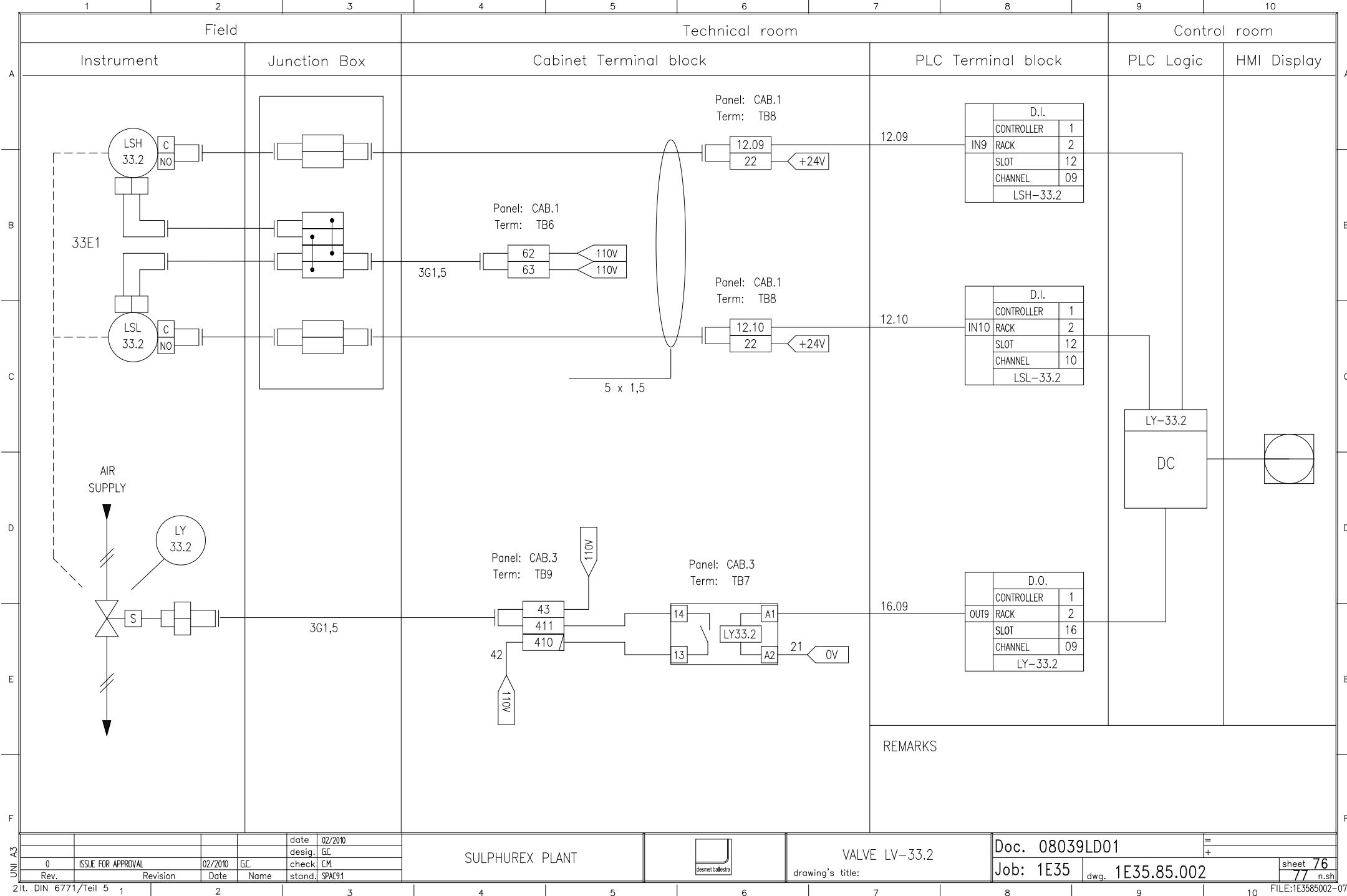


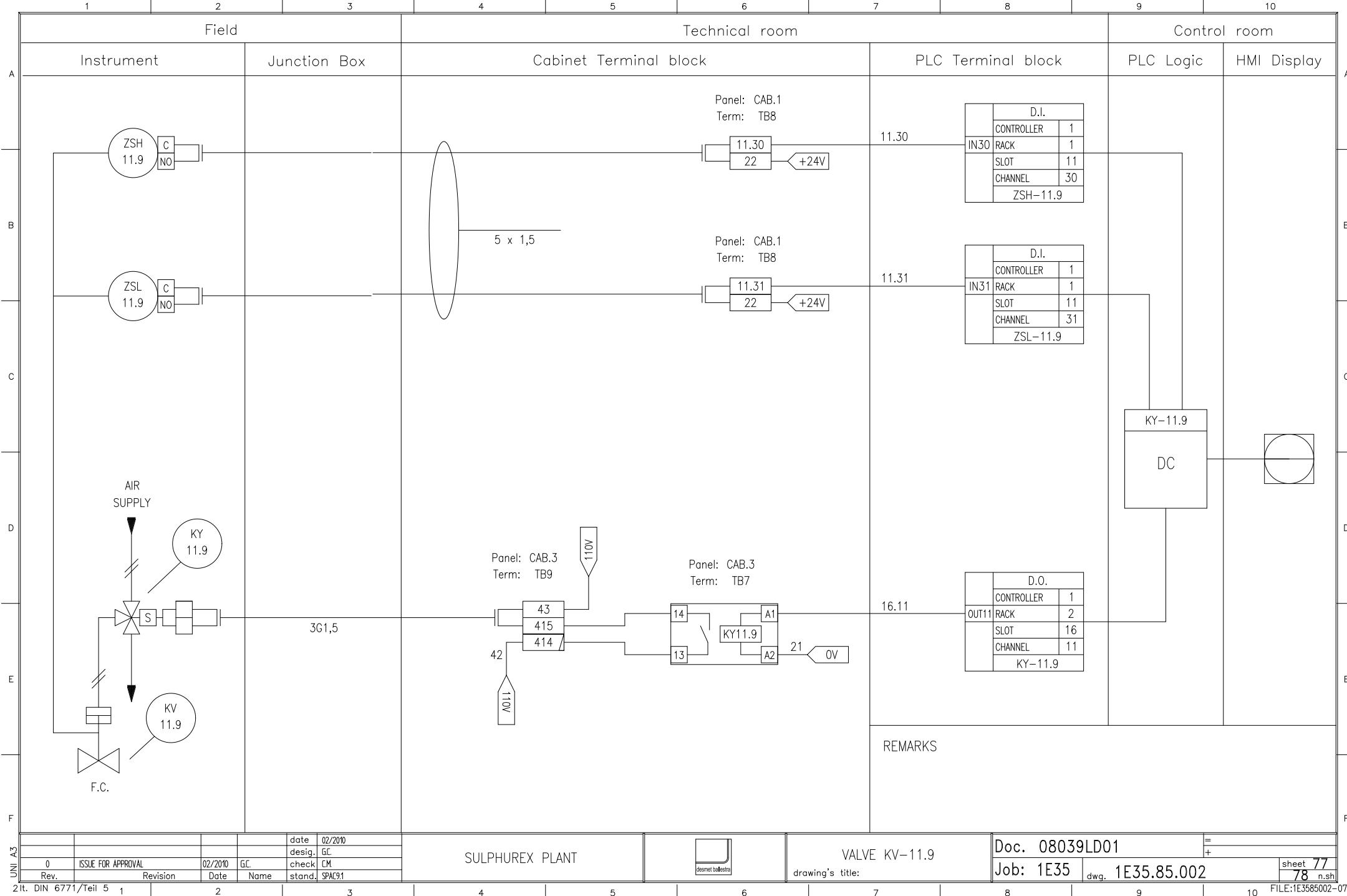










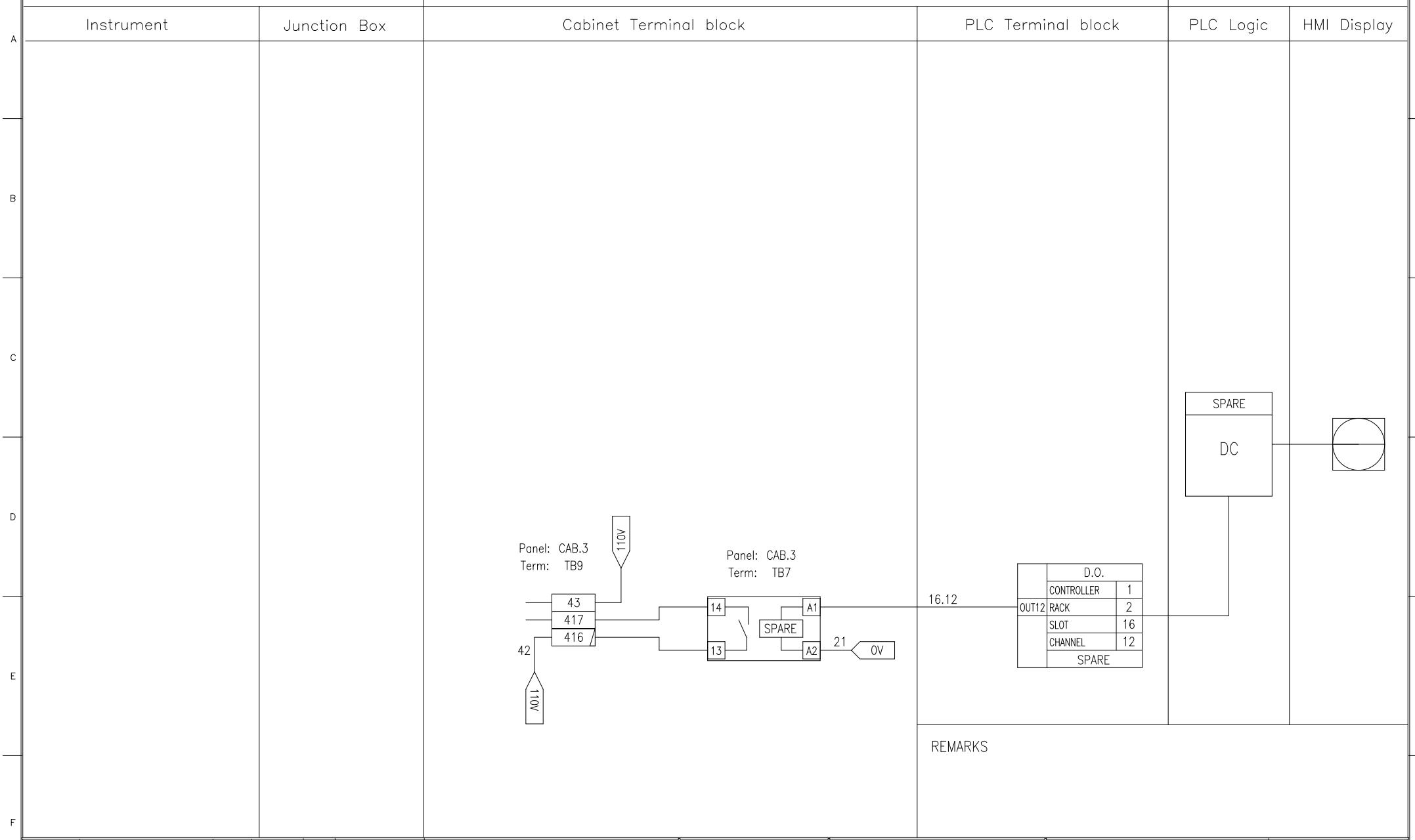


1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1

SULPHUREX PLANT



SPARE VALVE 1

drawing's title:

Doc. 08039LD01

Job: 1E35 dwg. 1E35.85.002

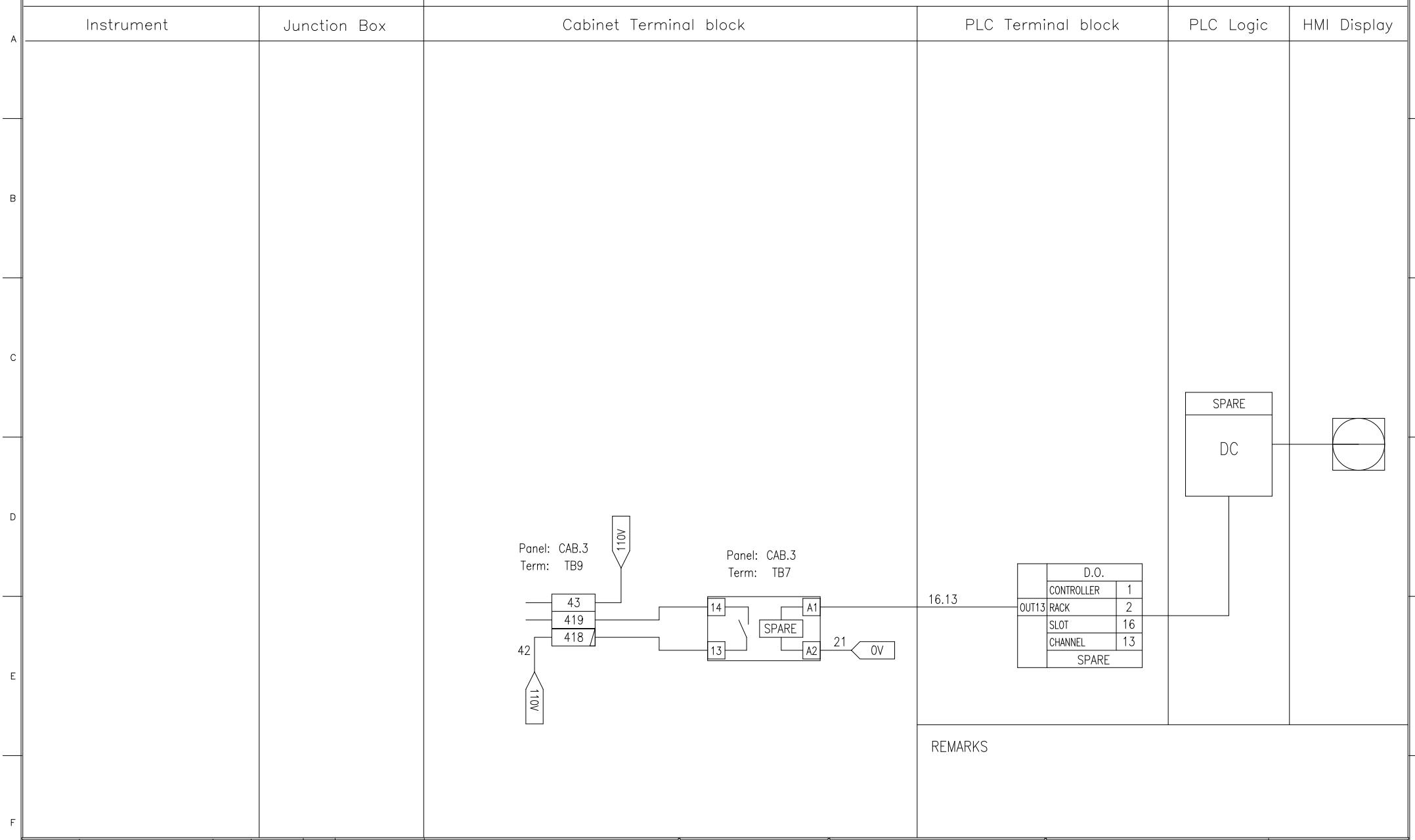
sheet 78  
79 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand. SPAC9.1	

SULPHUREX PLANT



SPARE VALVE 2

drawing's title:

Doc. 08039LD01

Job: 1E35 dwg. 1E35.85.002

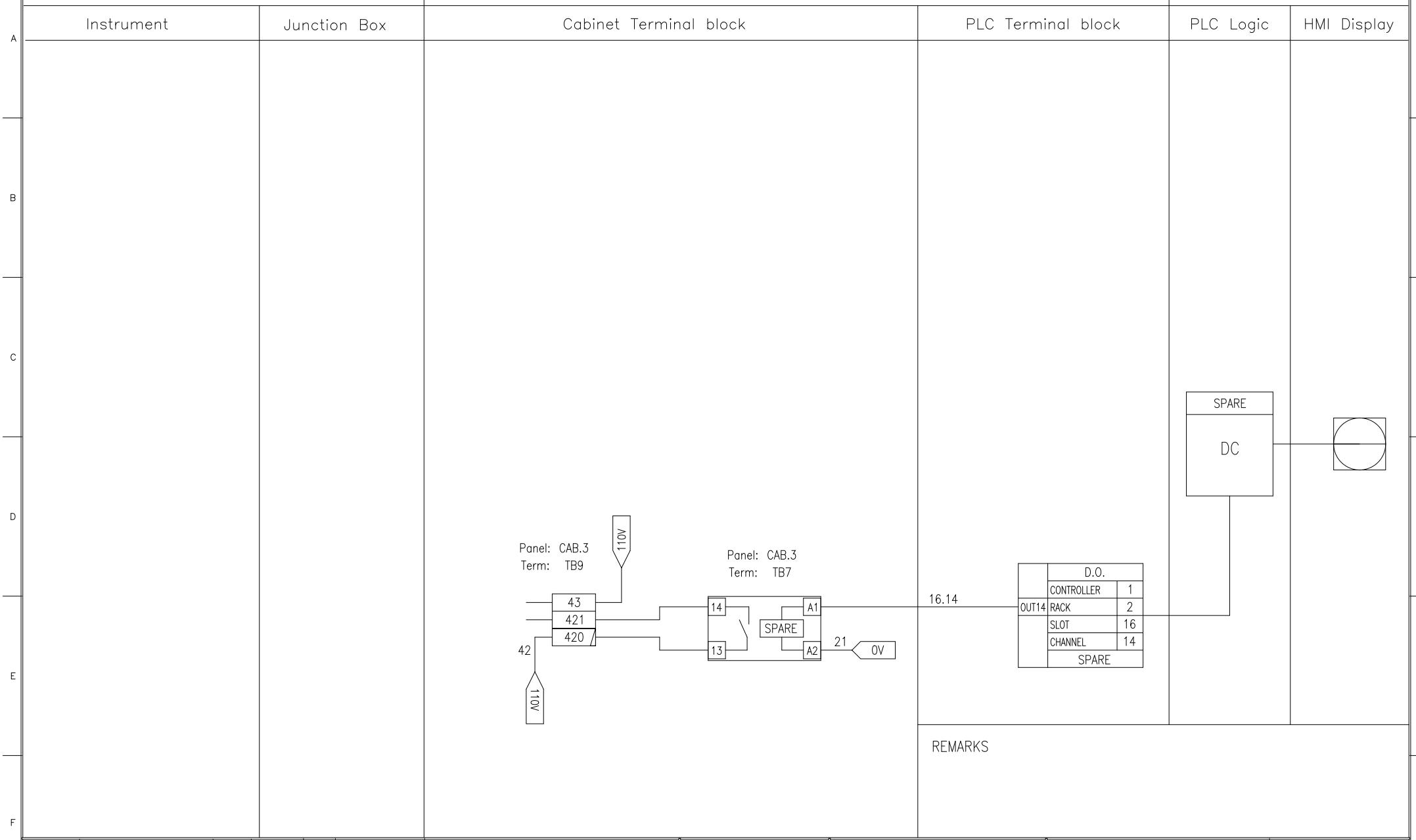
sheet 79  
80 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-080

SULPHUREX PLANT



SPARE VALVE 3

drawing's title:

Doc. 08039LD01

Job: 1E35 dwg. 1E35.85.002

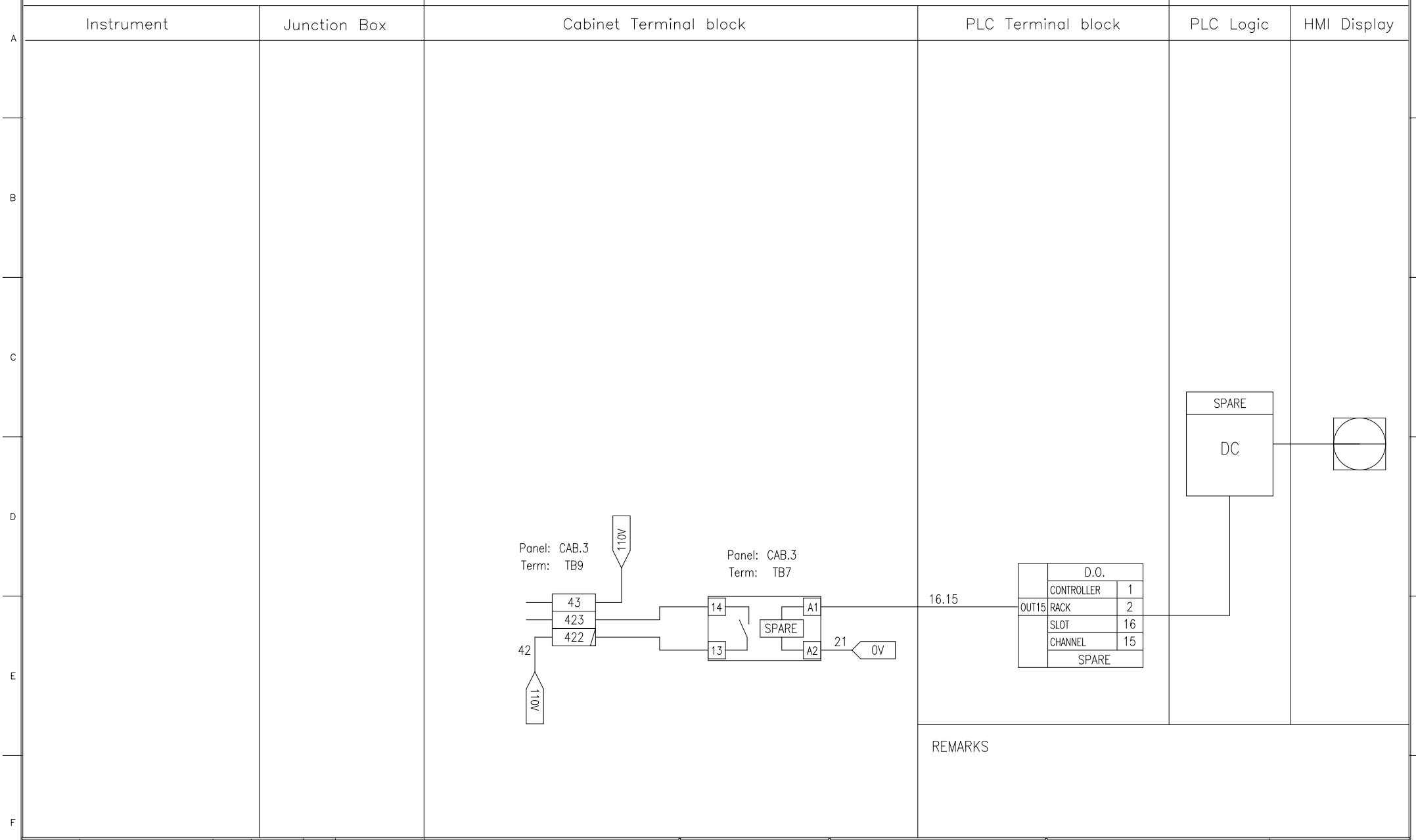
sheet 80  
81 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-081

SULPHUREX PLANT



SPARE VALVE 4

drawing's title:

Doc. 08039LD01

Job: 1E35 dwg. 1E35.85.002

sheet 81  
82 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

A

A

B

B

C

C

D

D

E

E

F

F

UNI A3					date 02/2010	
					desig. GC	
0	ISSUE FOR APPROVAL	02/2010	GC	check CM		
Rev.	Revision	Date	Name	stand.	SPAC9.1	

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-082

SULPHUREX PLANT



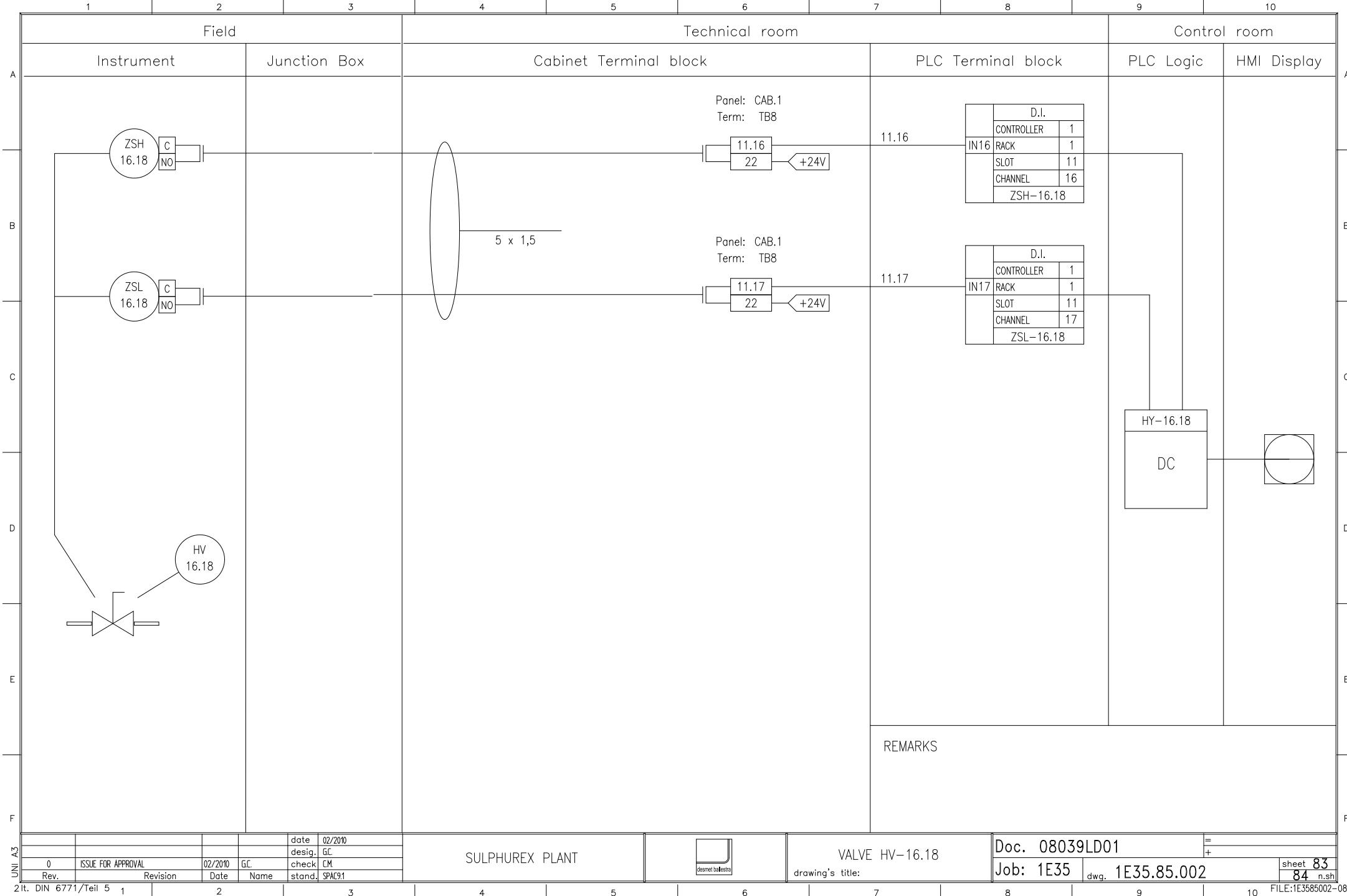
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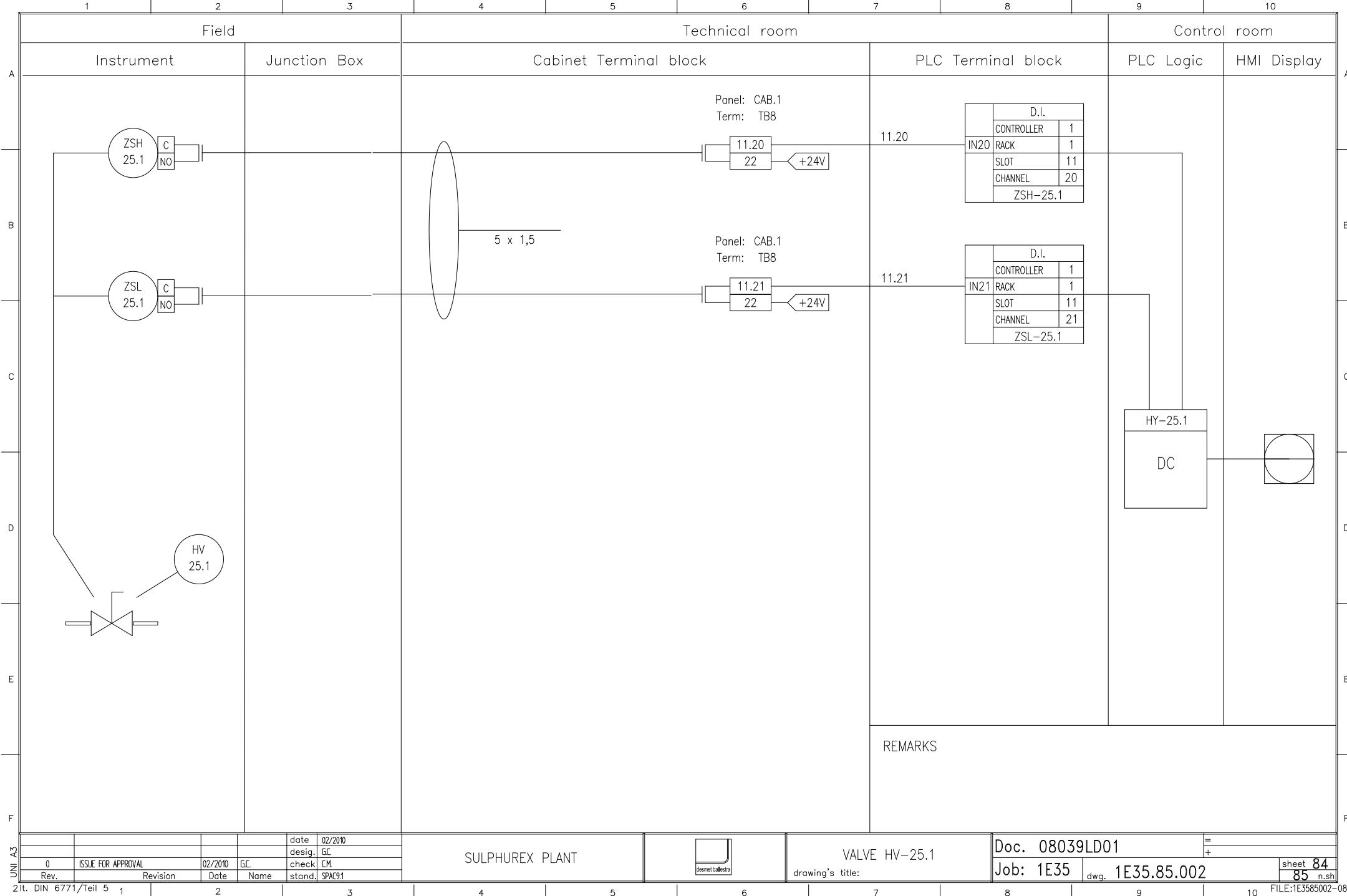
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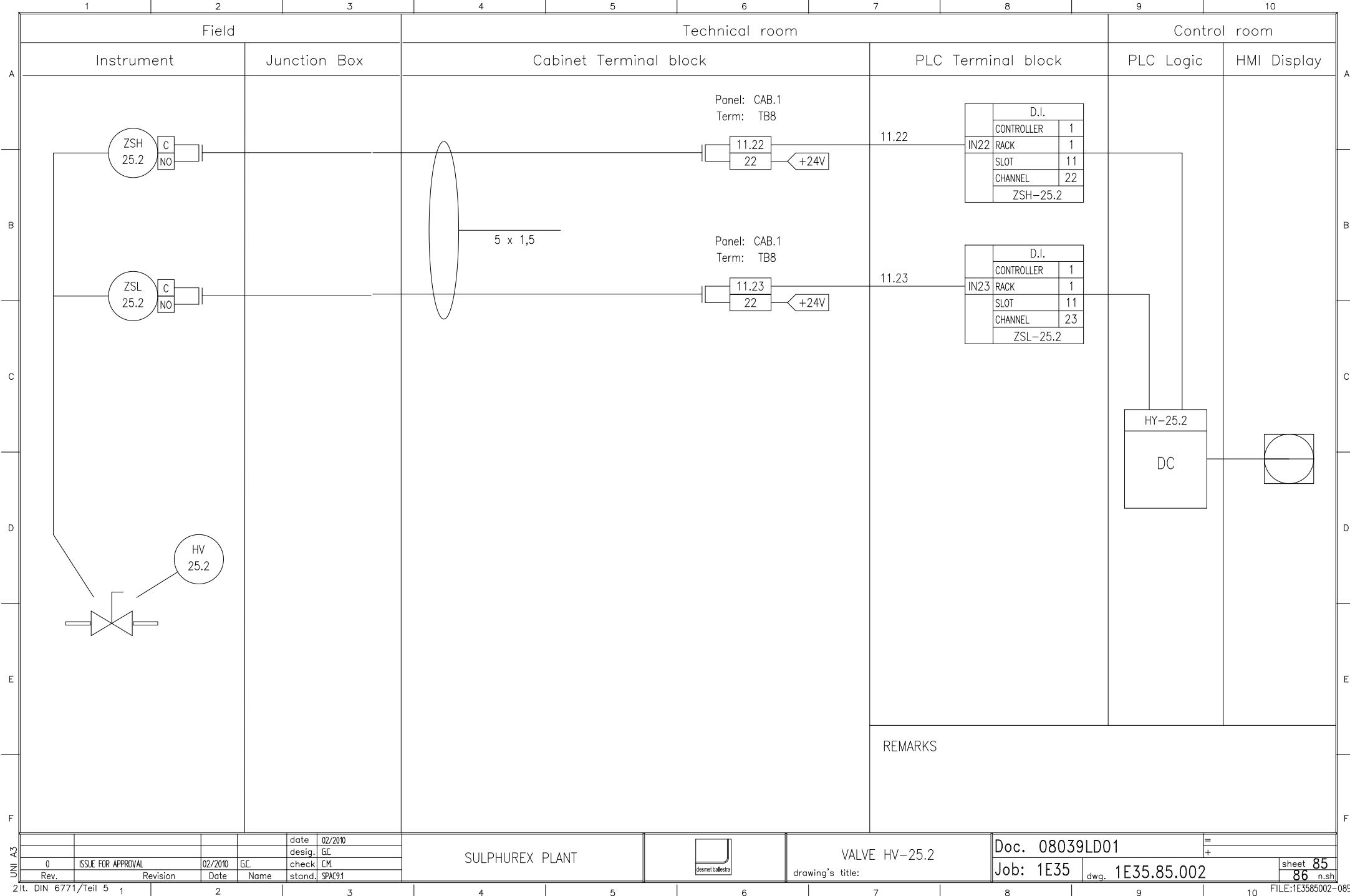
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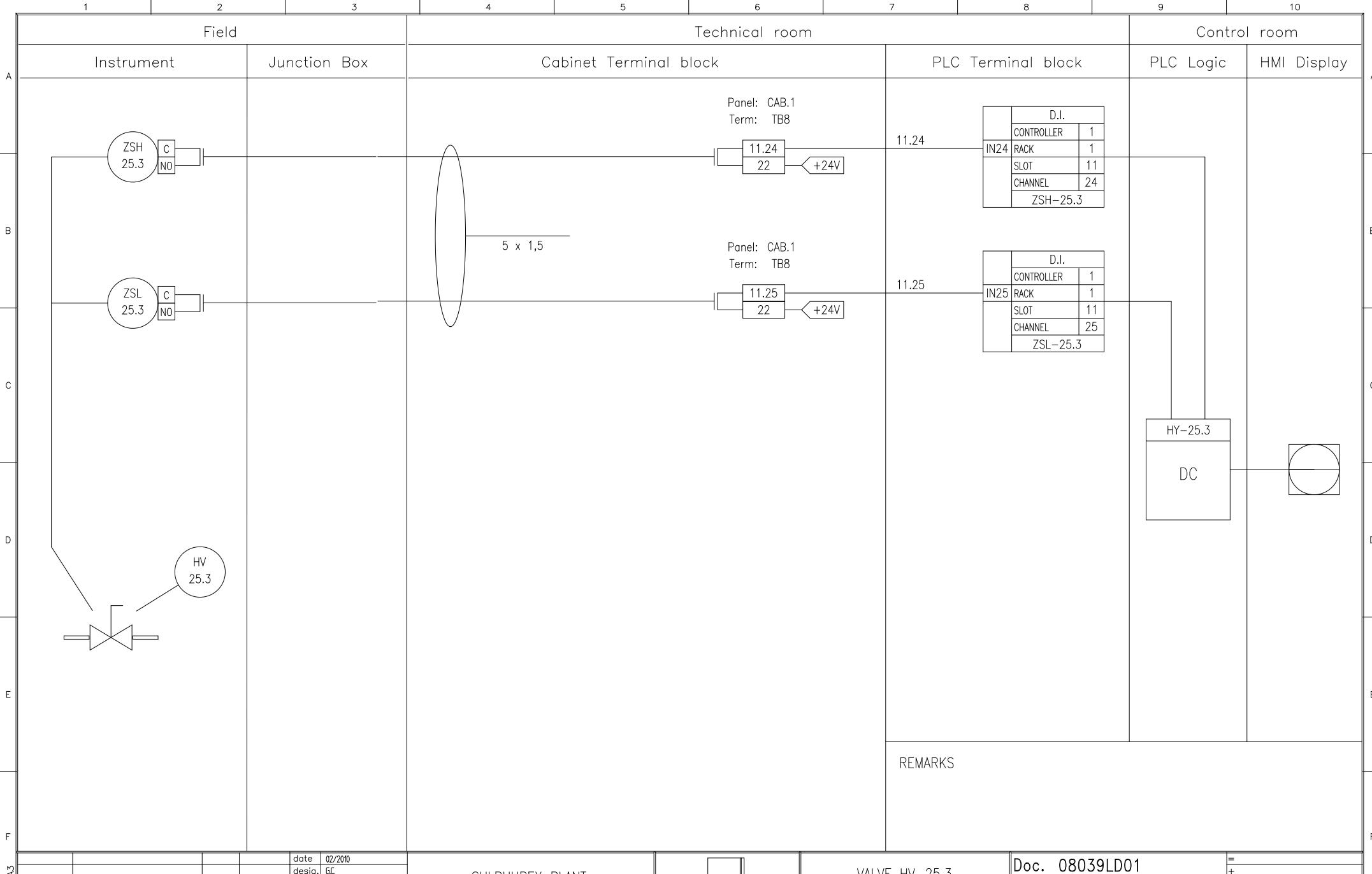
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sheet 82  
83 n.sh









UNI A3					date 02/2010
					desig. GC
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Rev.	Revision	Date	Name	stand. SPAC9.1	

SULPHUREX PLANT



VALVE HV-25.3

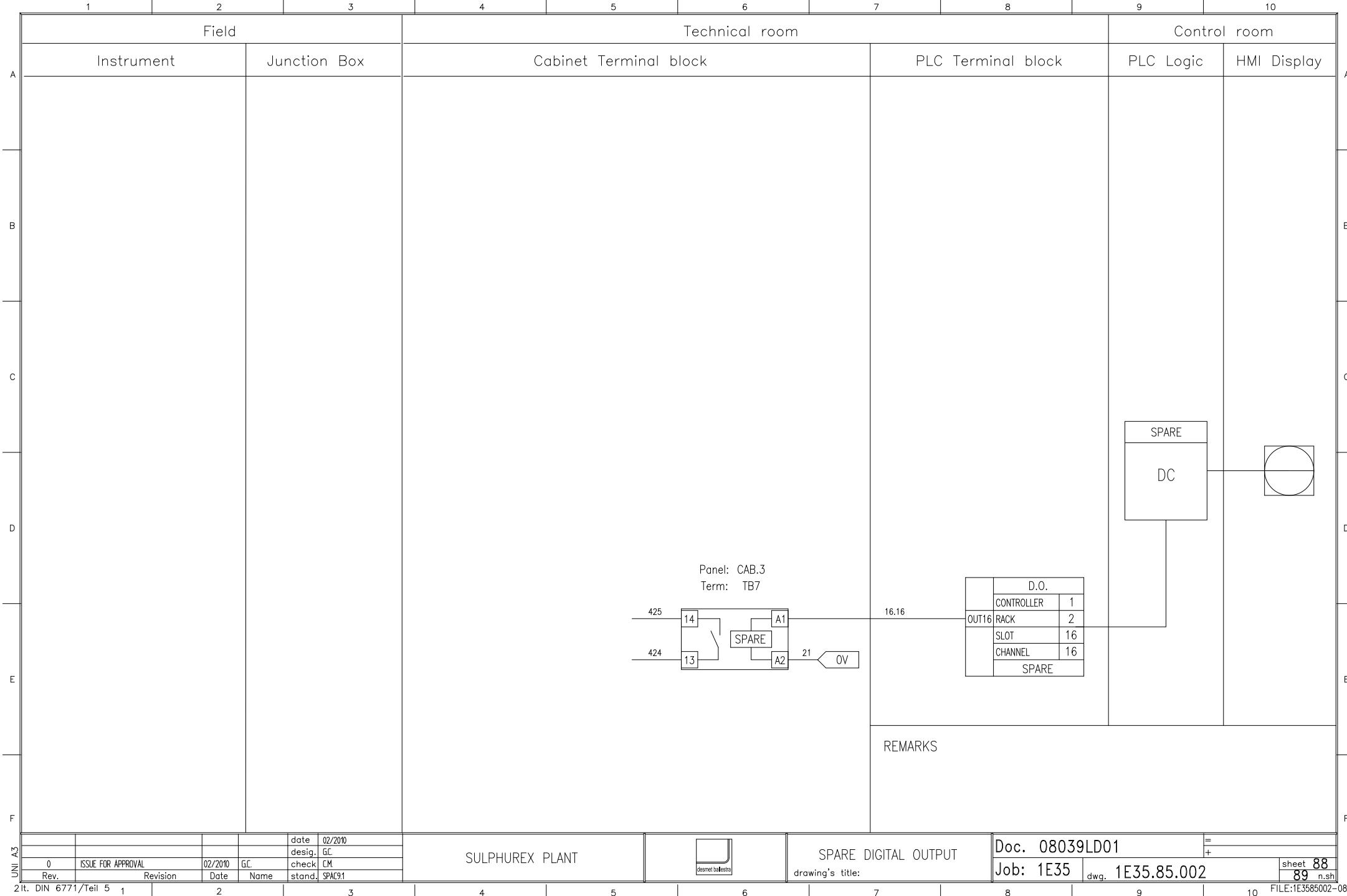
drawing's title:

Doc. 08039LD01

Job: 1E35 dwg. 1E35.85.002

sheet 86  
87 n.sh

1	2	3	4	5	6	7	8	9	10
Field			Technical room					Control room	
Instrument		Junction Box	Cabinet Terminal block			PLC Terminal block		PLC Logic	HMI Display
A									
B									
C									
D									
E									
F								REMARKS	
UNI A3				date 02/2010 desig. GC		SULPHUREX PLANT <small>desmet ballastra</small>	SPARE SHEET drawing's title:	Doc. 08039LD01 Job: 1E35 dwg. 1E35.85.002	= + sheet 87 88 n.sh
0	ISSUE FOR APPROVAL	02/2010	GC	check CM					
Rev.	Revision	Date	Name	stand. SPAC91					
2 lt. DIN 6771/Teil 5	1	2	3	4	5	6	7	8	9
									10 FILE:IE3585002-08



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room

	Instrument	Junction Box	Cabinet	Terminal block	PLC	Terminal block	PLC Logic	HMI Display													
A									A												
B									B												
C									C												
D									D												
E									E												
F									F												
Panel: CAB.3 Term: TB7																					
					<table border="1"> <tr><td></td><td>D.O.</td></tr> <tr><td>CONTROLLER</td><td>1</td></tr> <tr><td>OUT17 RACK</td><td>2</td></tr> <tr><td>SLOT</td><td>16</td></tr> <tr><td>CHANNEL</td><td>17</td></tr> <tr><td>SPARE</td><td></td></tr> </table>			D.O.	CONTROLLER	1	OUT17 RACK	2	SLOT	16	CHANNEL	17	SPARE				
	D.O.																				
CONTROLLER	1																				
OUT17 RACK	2																				
SLOT	16																				
CHANNEL	17																				
SPARE																					
					<p>REMARKS</p>																

UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1

SULPHUREX PLANT



SPARE DIGITAL OUTPUT

drawing's title:

Doc. 08039LD01

Job: 1E35 dwg. 1E35.85.002

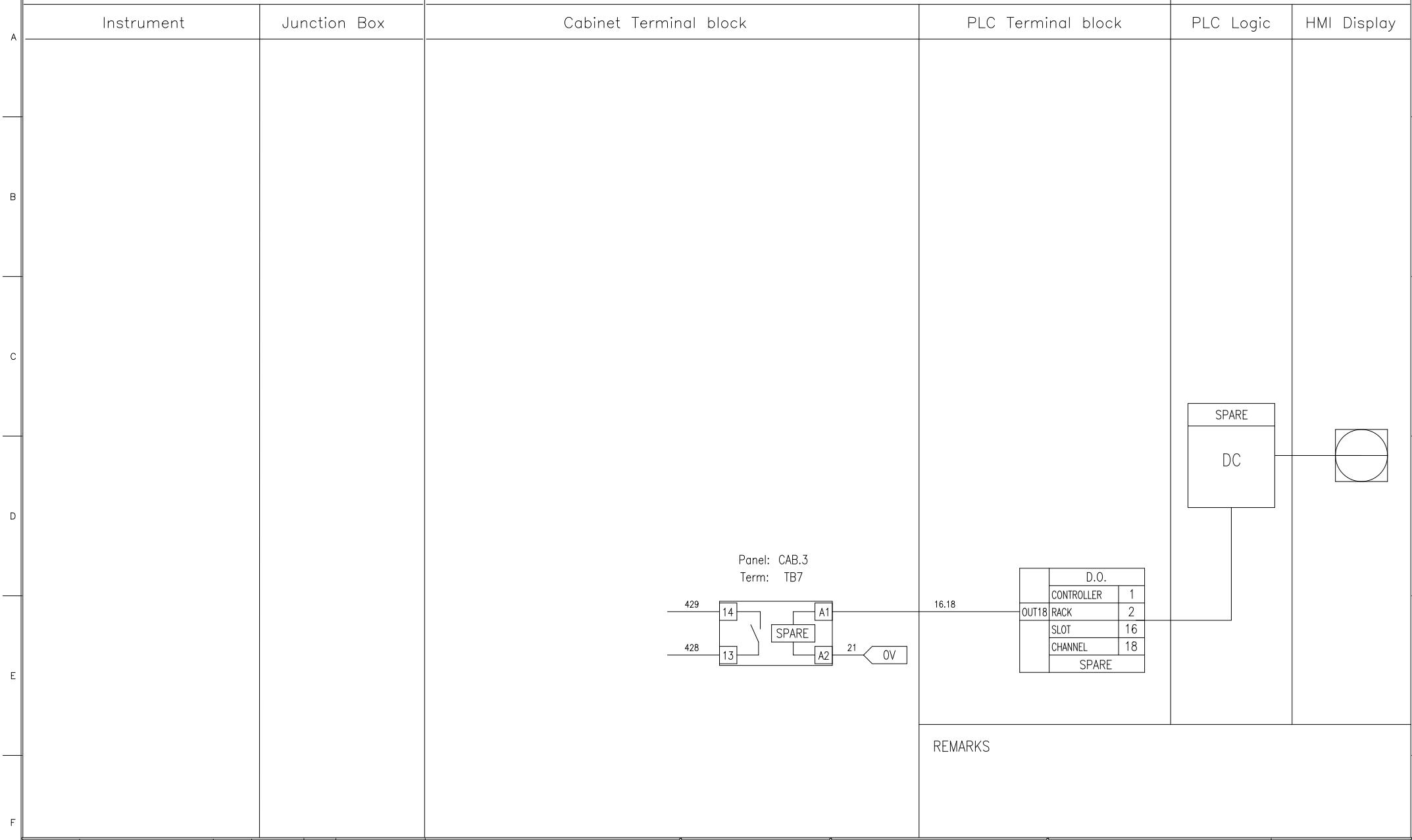
sheet 89  
90 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1

SULPHUREX PLANT

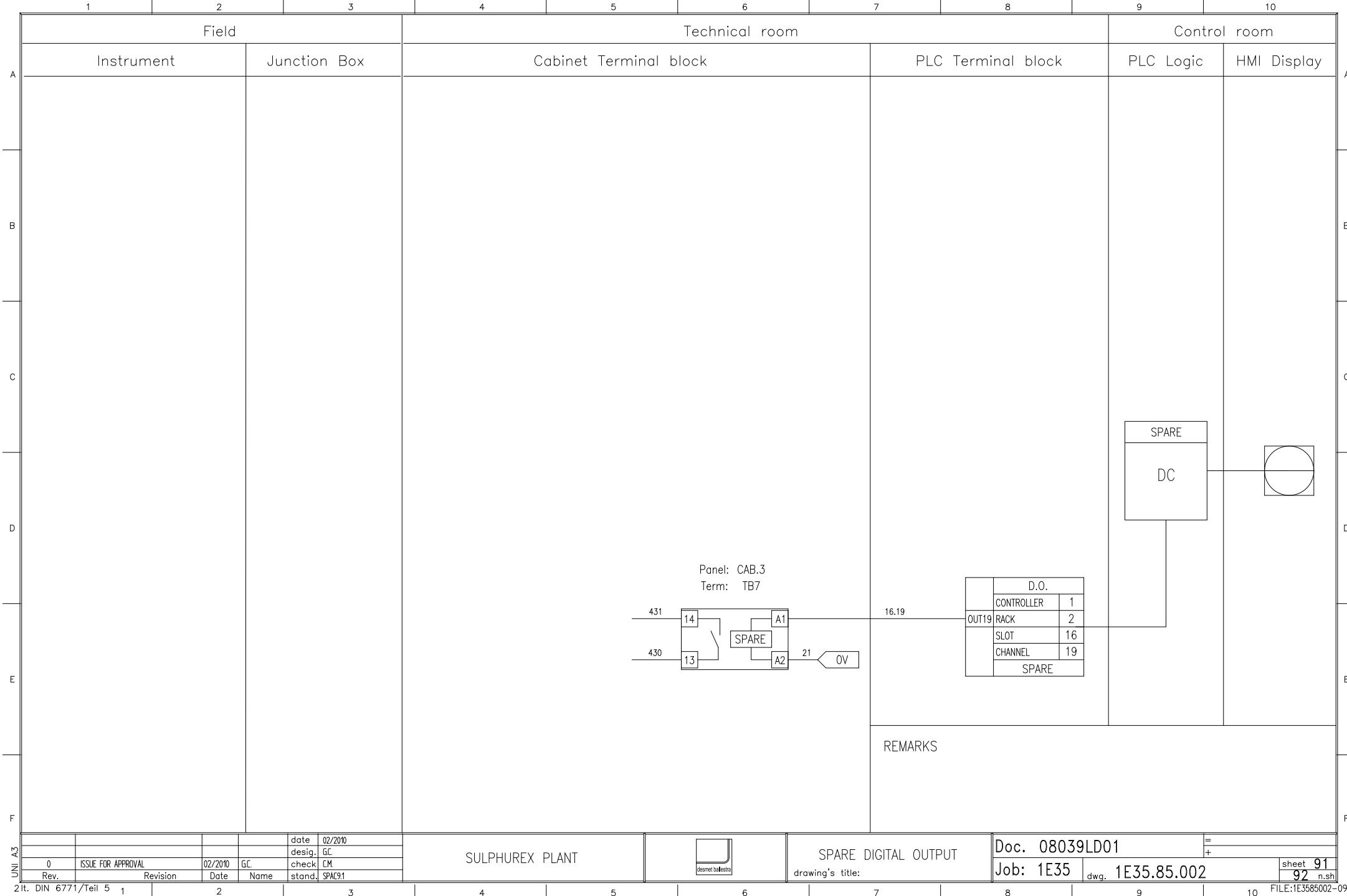


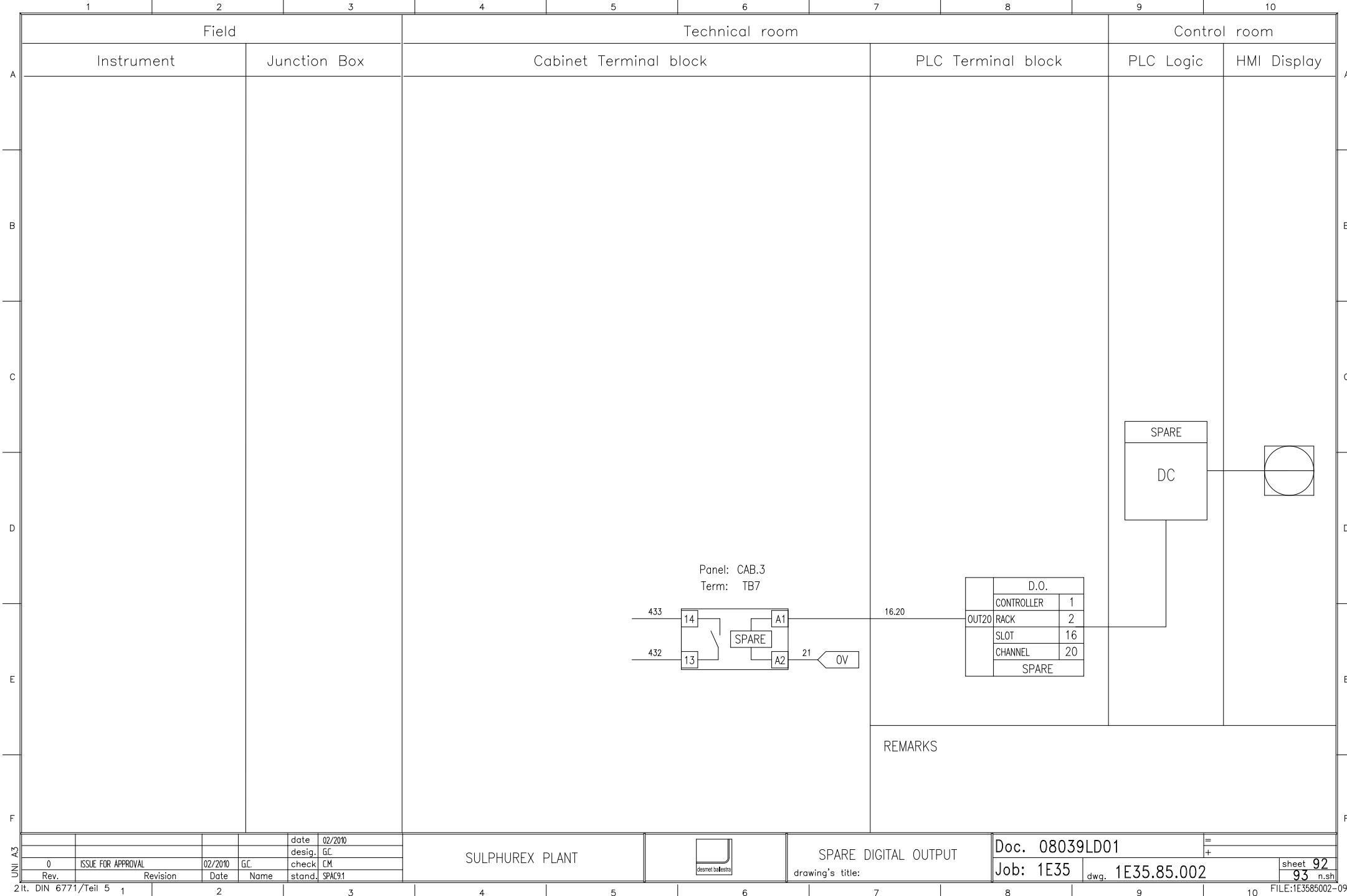
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drawing's title:

Doc. 08039LD01

Job: 1E35 dwg. 1E35.85.002

sheet 90  
91 n.sh  
FILE:1E3585002-090



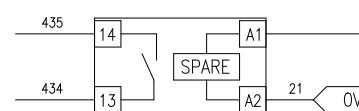
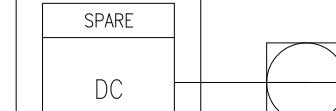


1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room

	Instrument	Junction Box	Cabinet	Terminal block	PLC Terminal block	PLC Logic	HMI Display														
A																					
B																					
C																					
D																					
E				 Panel: CAB.3 Term: TB7	<table border="1"> <tr><td></td><td>D.O.</td></tr> <tr><td>CONTROLLER</td><td>1</td></tr> <tr><td>OUT21</td><td>RACK</td></tr> <tr><td>SLOT</td><td>2</td></tr> <tr><td>CHANNEL</td><td>16</td></tr> <tr><td></td><td>21</td></tr> <tr><td></td><td>SPARE</td></tr> </table> 16.21		D.O.	CONTROLLER	1	OUT21	RACK	SLOT	2	CHANNEL	16		21		SPARE		
	D.O.																				
CONTROLLER	1																				
OUT21	RACK																				
SLOT	2																				
CHANNEL	16																				
	21																				
	SPARE																				
F					REMARKS																

UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-093

SULPHUREX PLANT



SPARE DIGITAL OUTPUT

drawing's title:

Doc. 08039LD01

Job: 1E35 dwg. 1E35.85.002

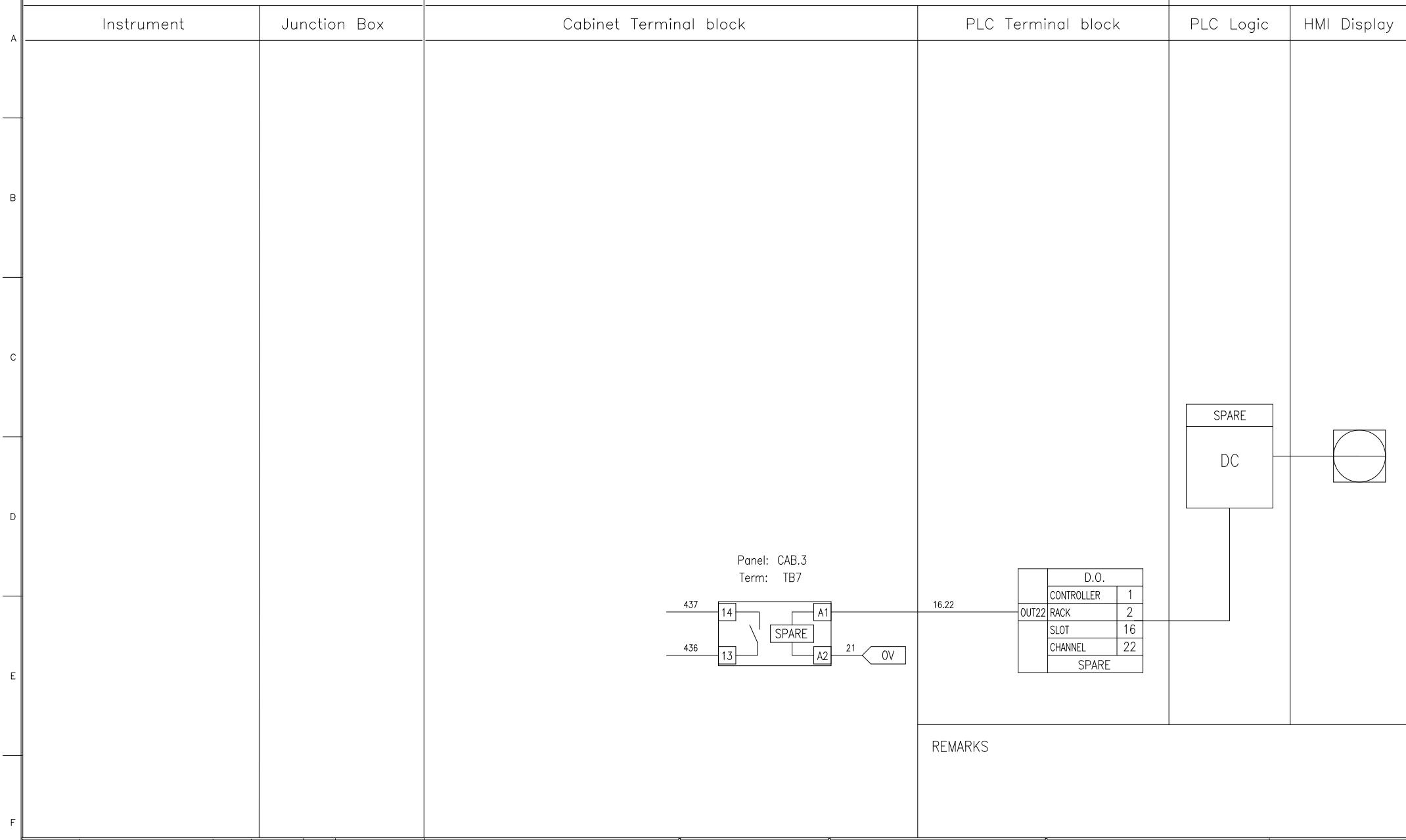
sheet 93  
94 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1

SULPHUREX PLANT



SPARE DIGITAL OUTPUT  
drawing's title:

Doc. 08039LD01

Job: 1E35 dwg. 1E35.85.002

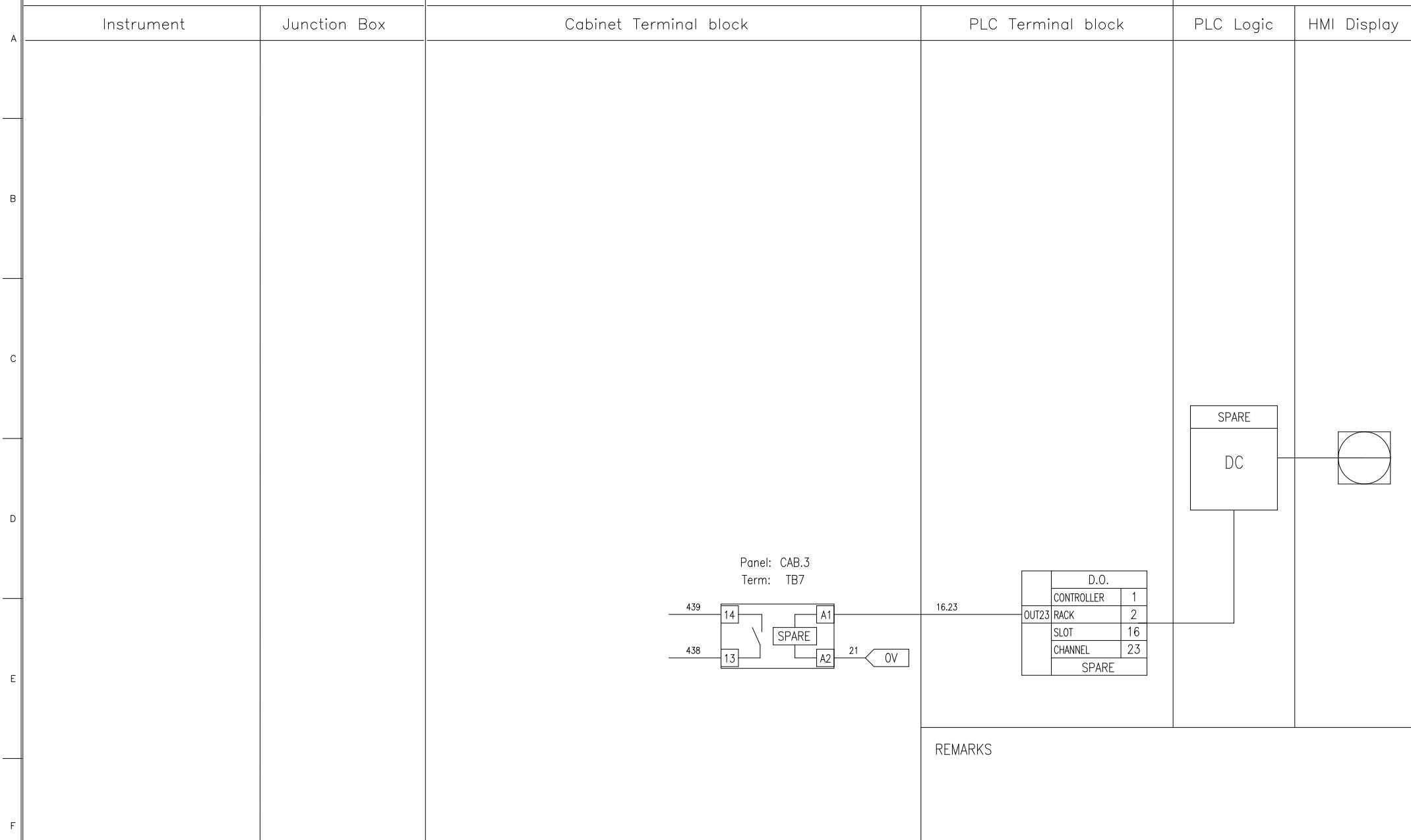
sheet 94  
95 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3				date 02/2010
				desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC9.1

SULPHUREX PLANT



SPARE DIGITAL OUTPUT

drawing's title:

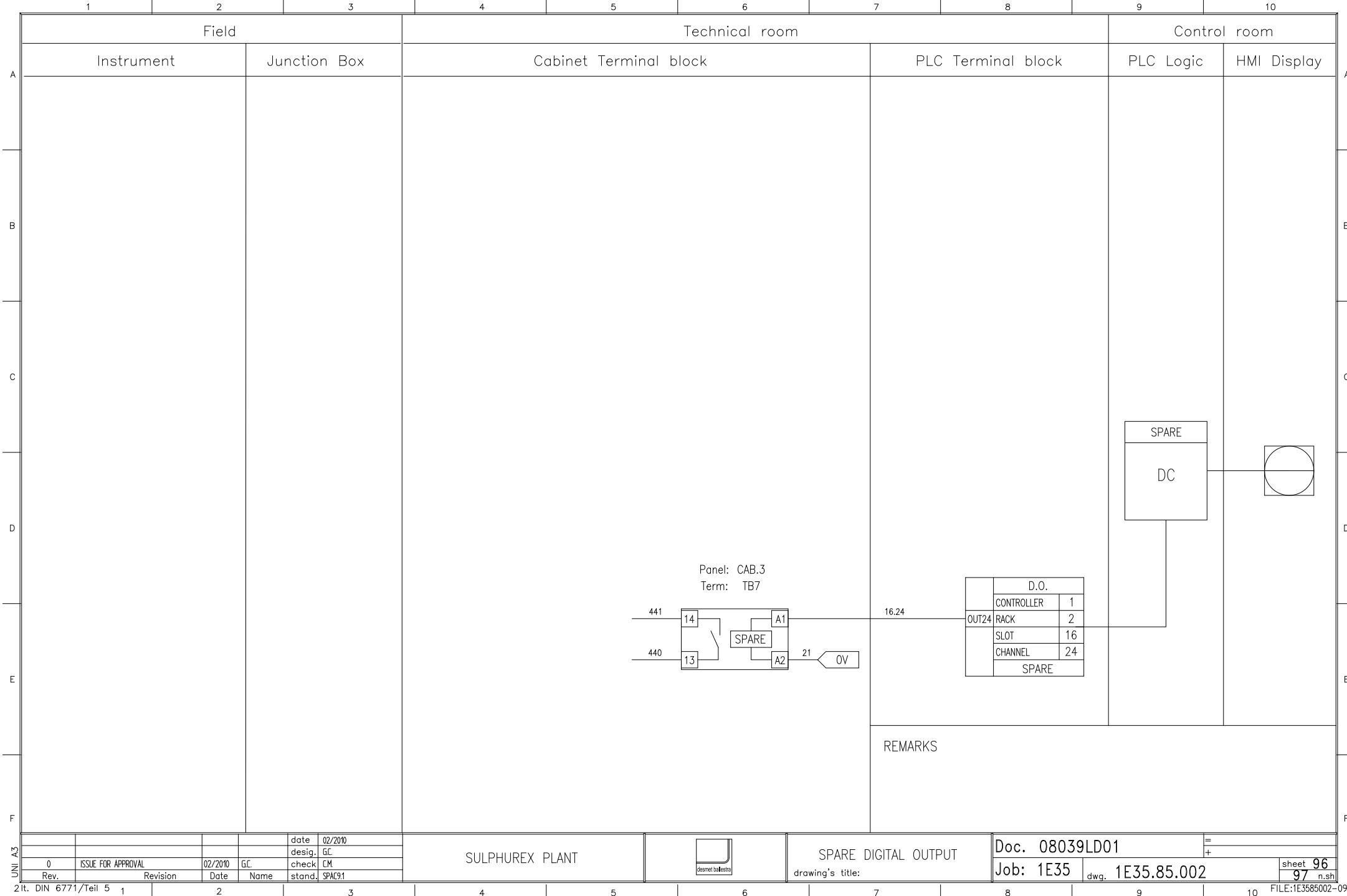
Doc. 08039LD01

Job: 1E35 dwg. 1E35.85.002

FILE:1E3585002-095

sheet 95

96 n.sh

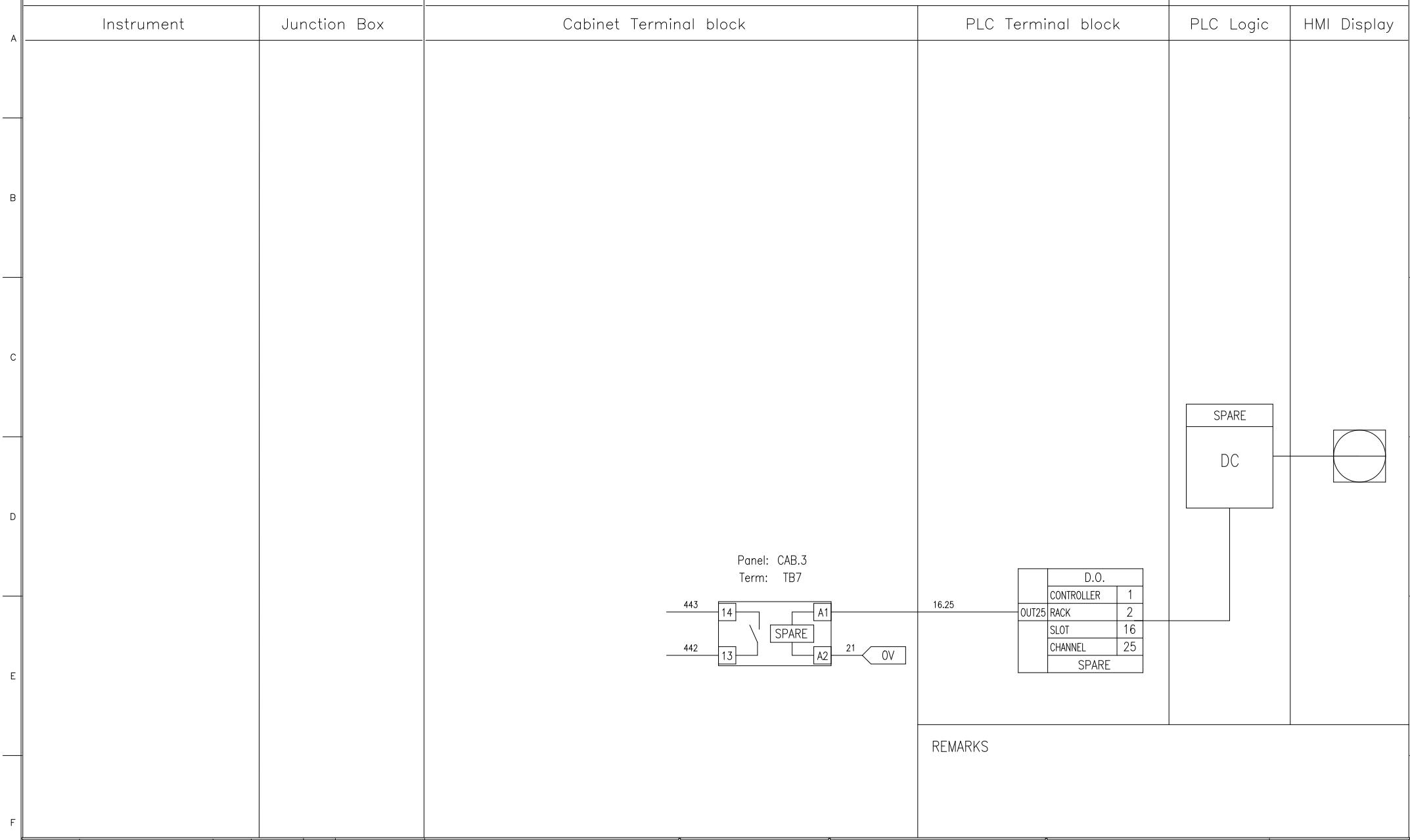


1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-097

SULPHUREX PLANT



SPARE DIGITAL OUTPUT

Doc. 08039LD01

Job: 1E35 dwg. 1E35.85.002

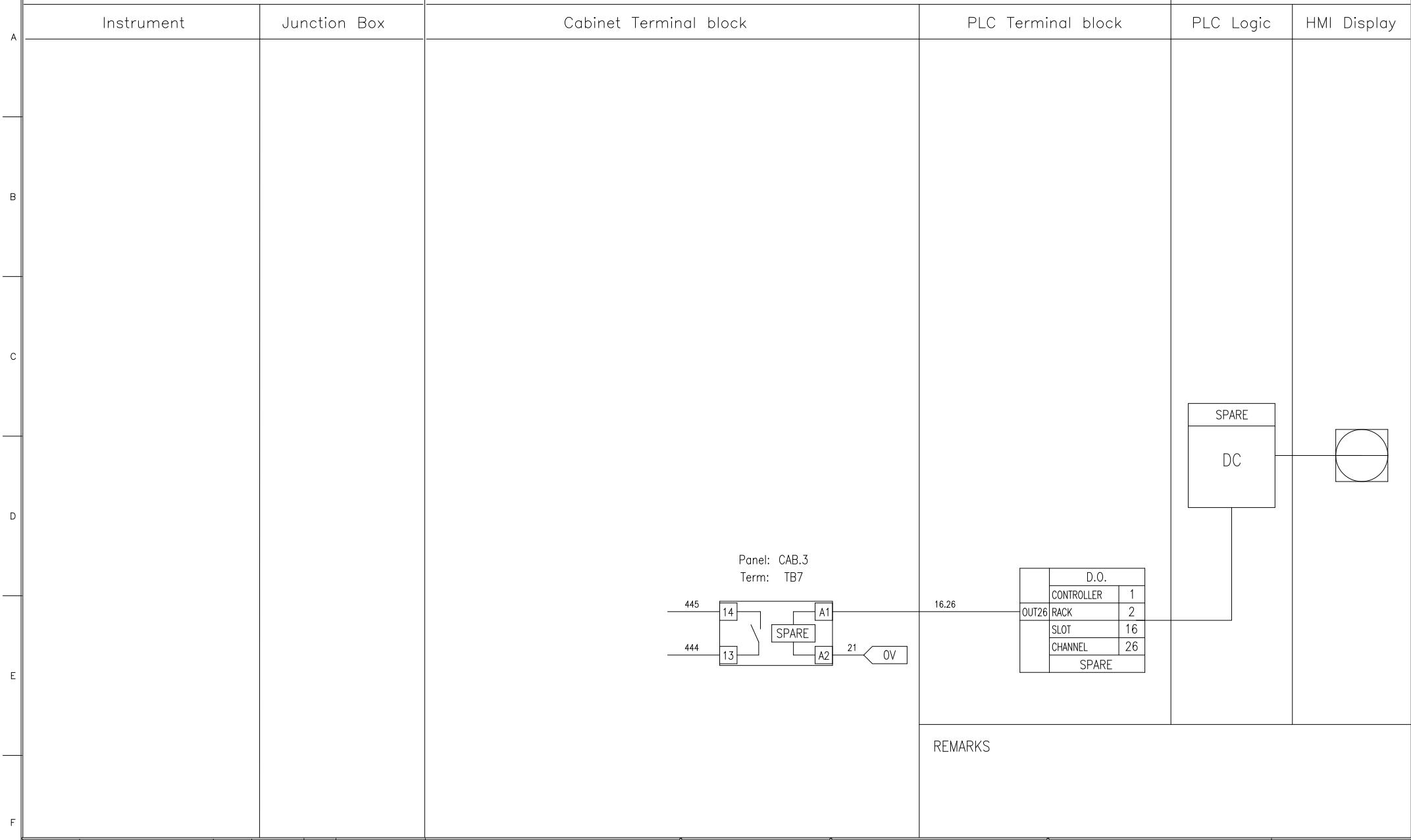
sheet 97  
98 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-098

SULPHUREX PLANT



SPARE DIGITAL OUTPUT

Doc. 08039LD01

Job: 1E35 dwg. 1E35.85.002

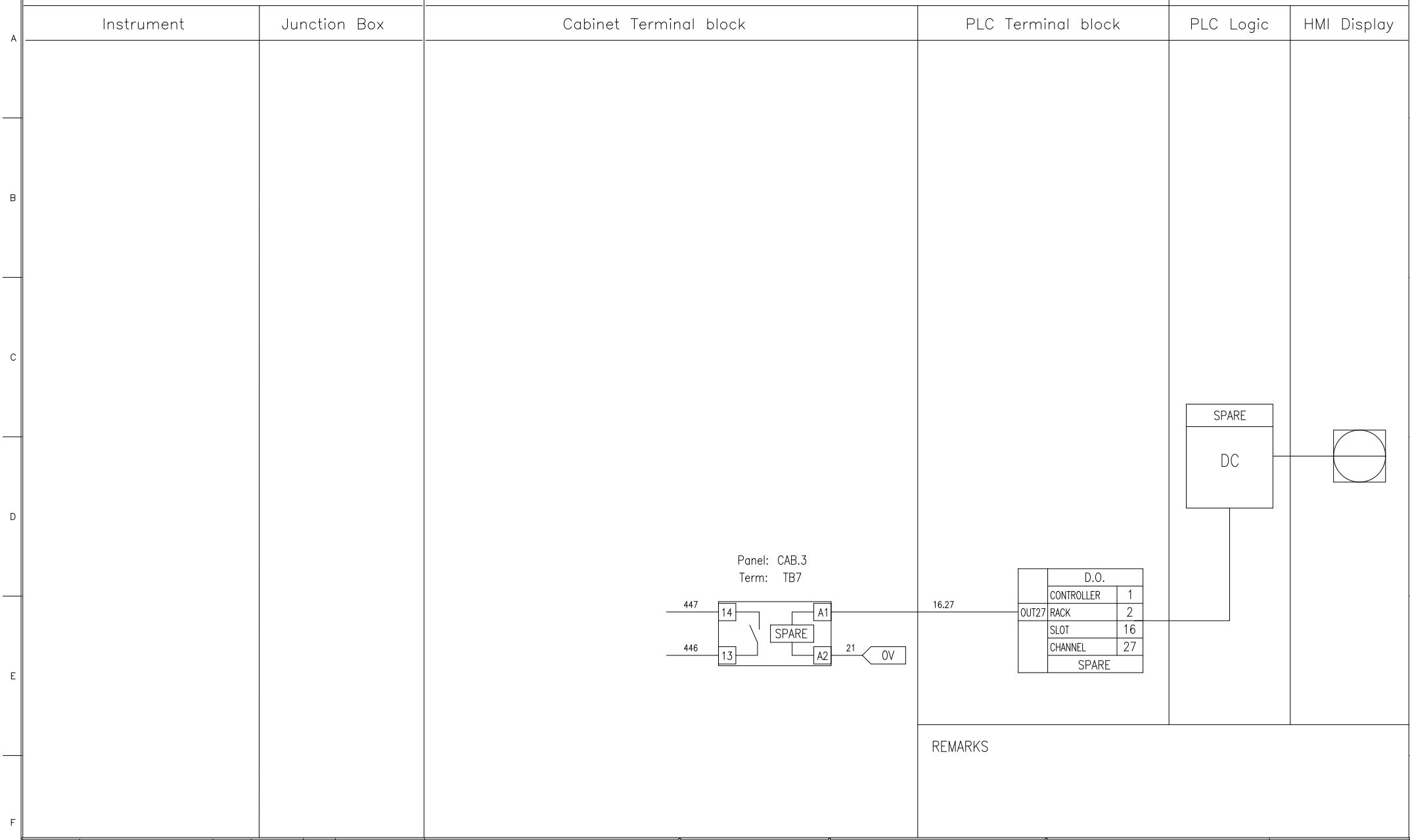
sheet 98  
99 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-099

SULPHUREX PLANT



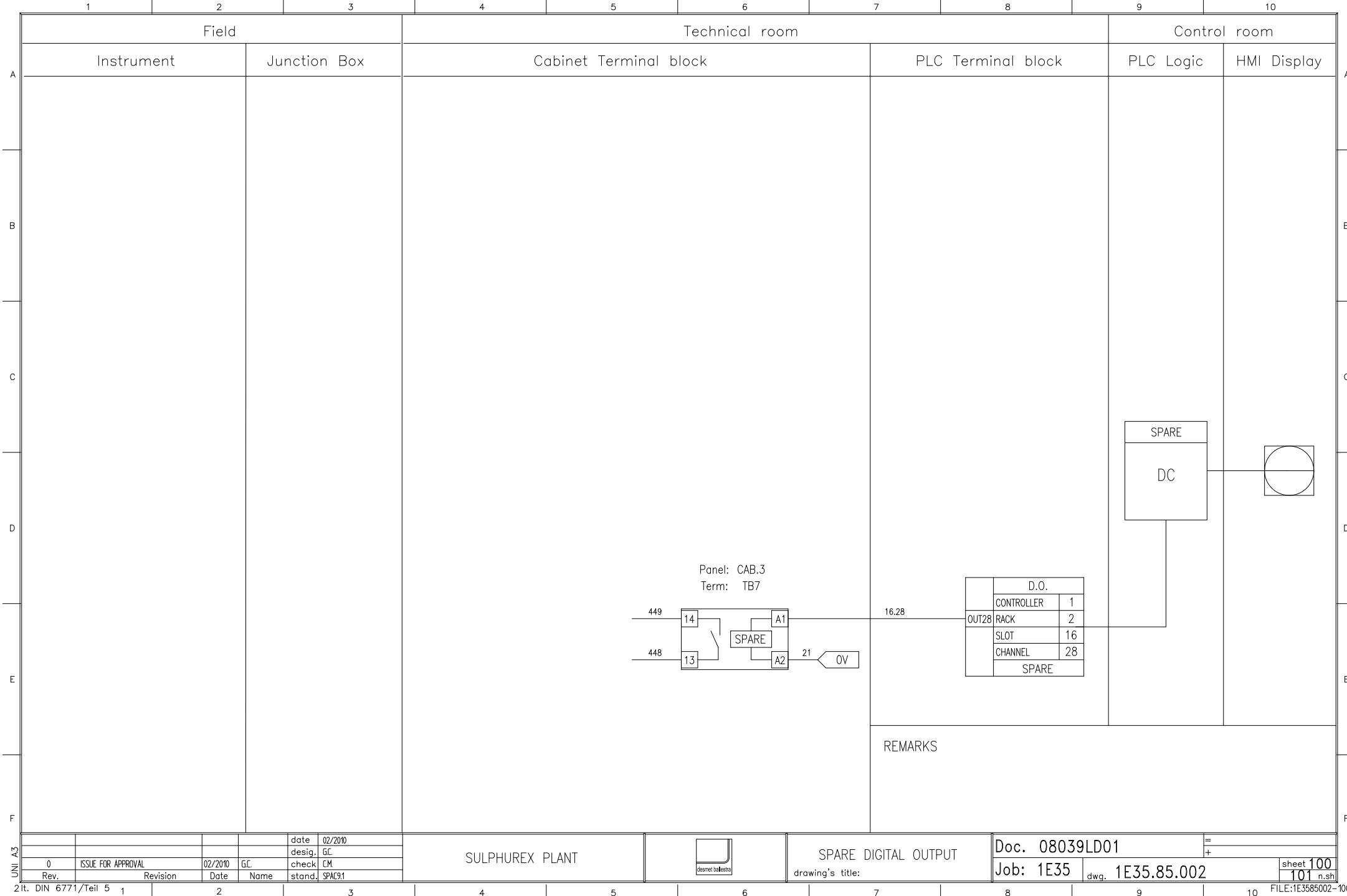
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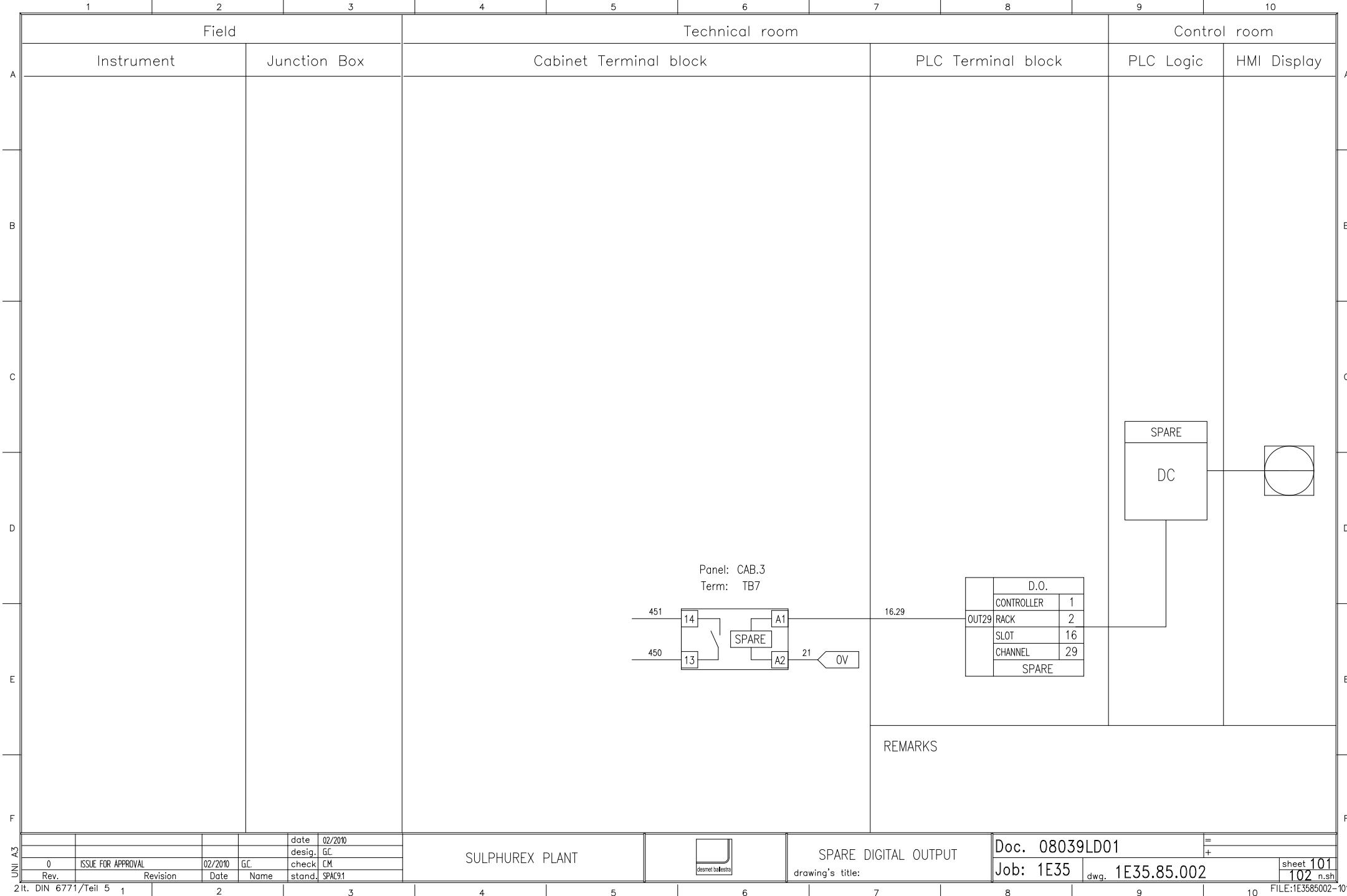
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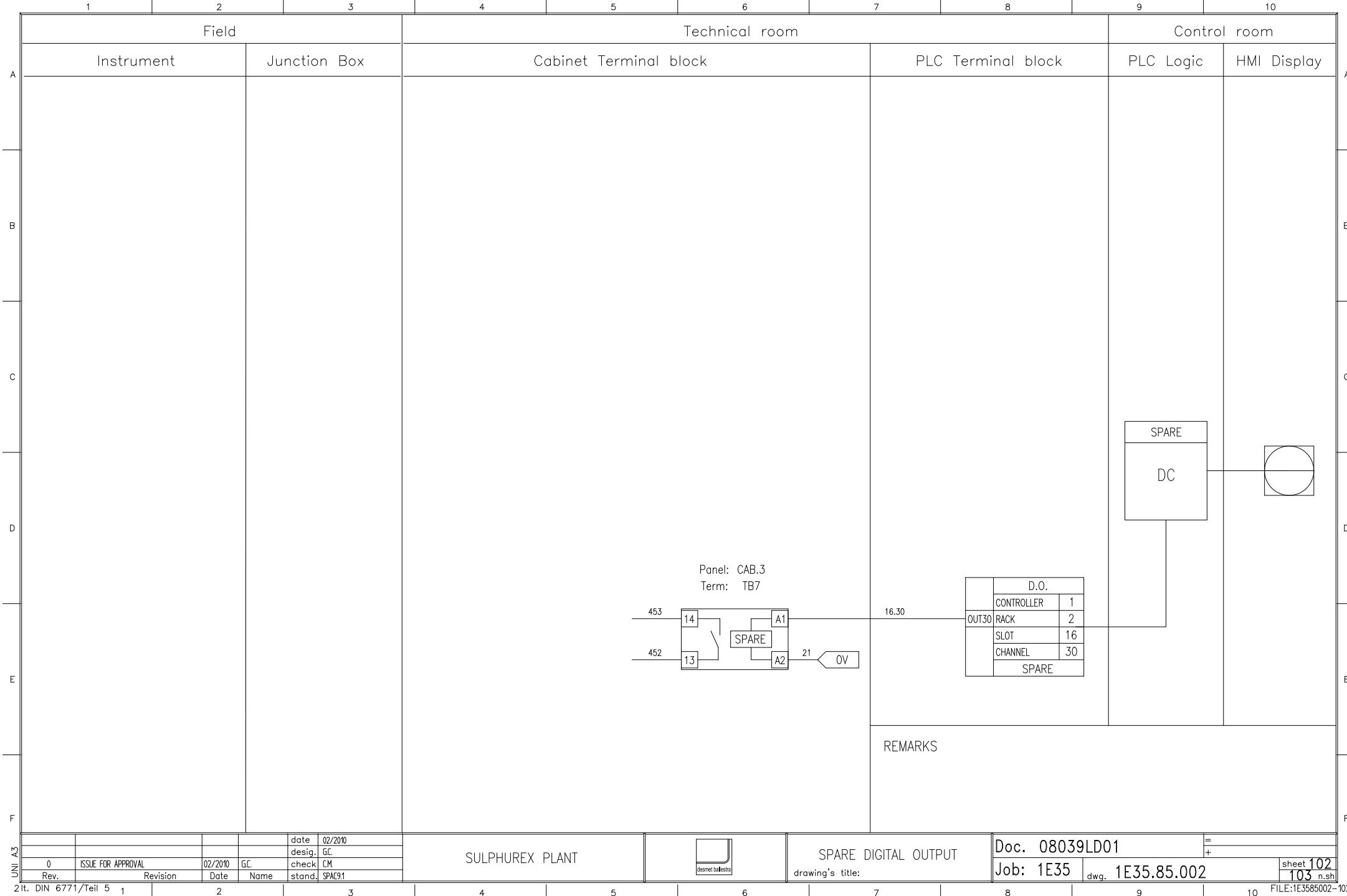
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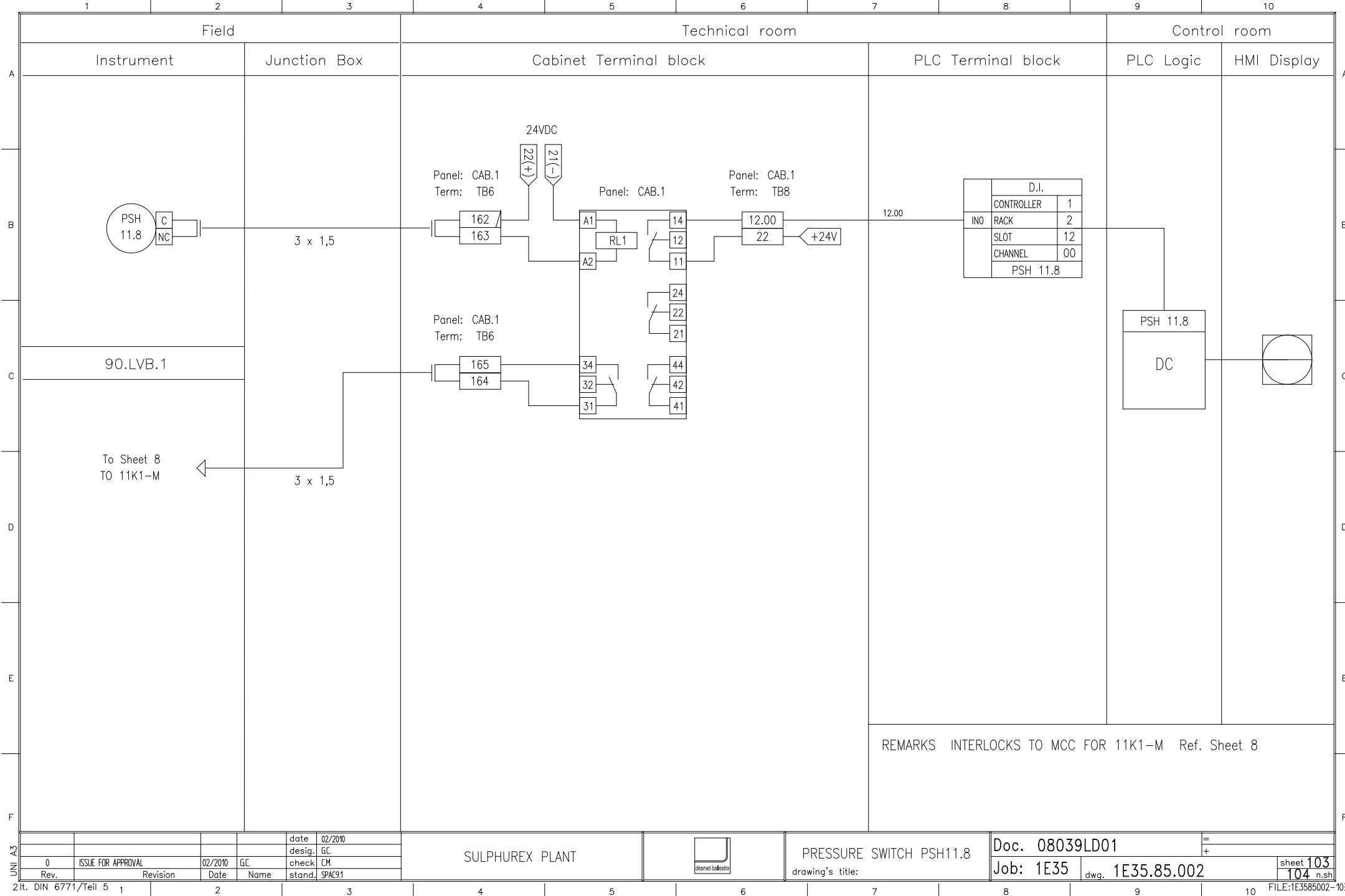
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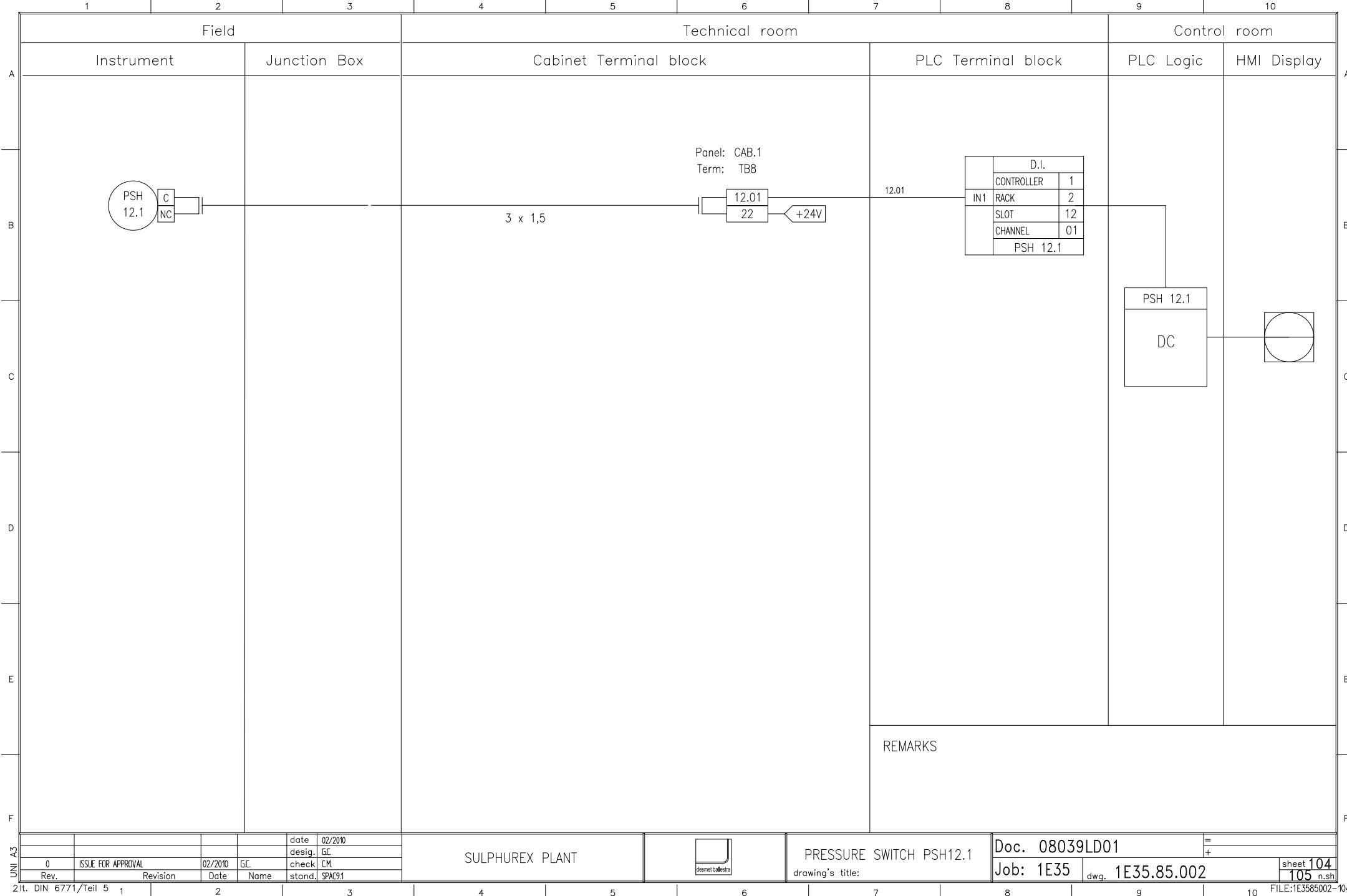
sheet 99  
100 n.sh

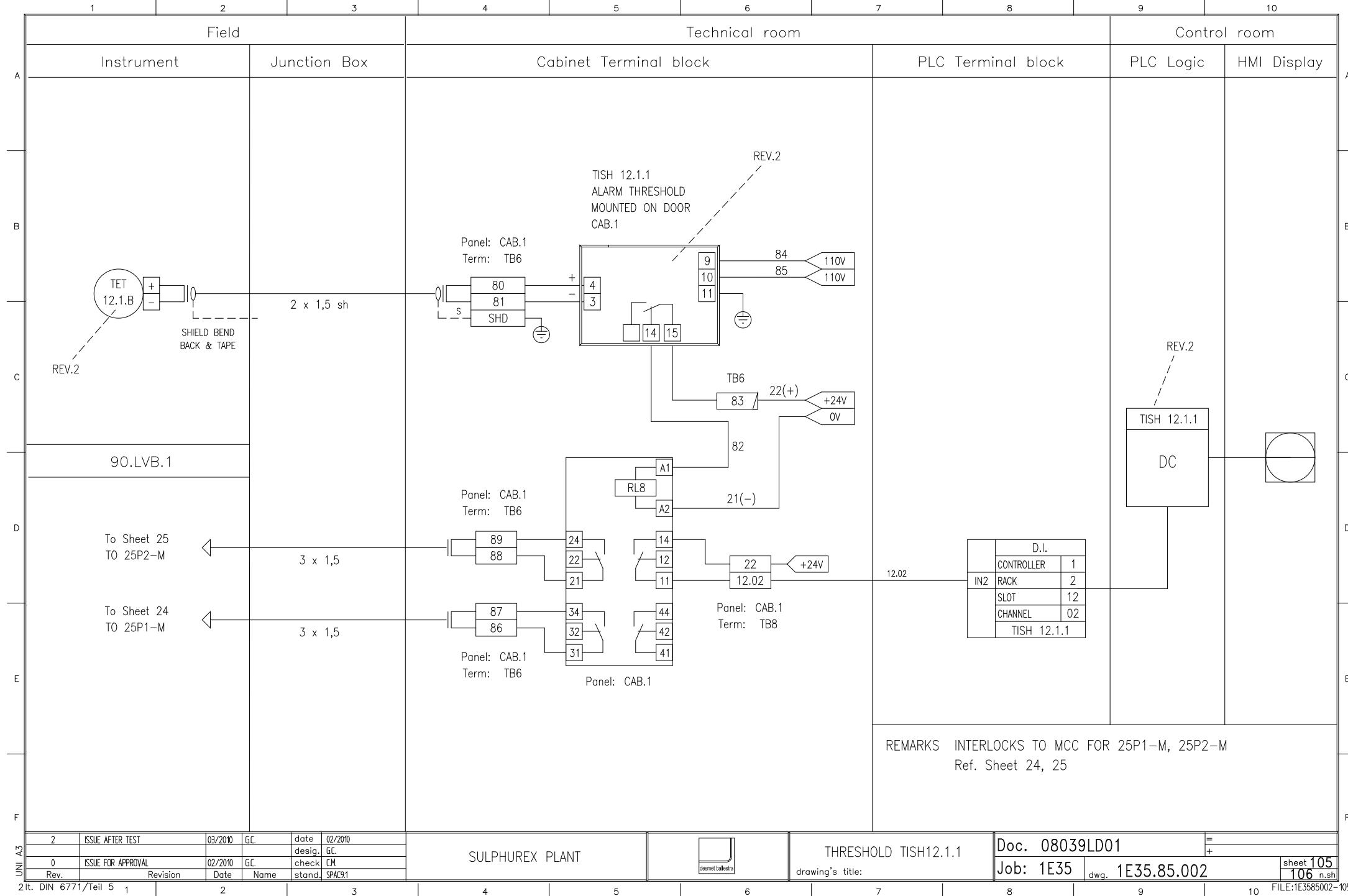


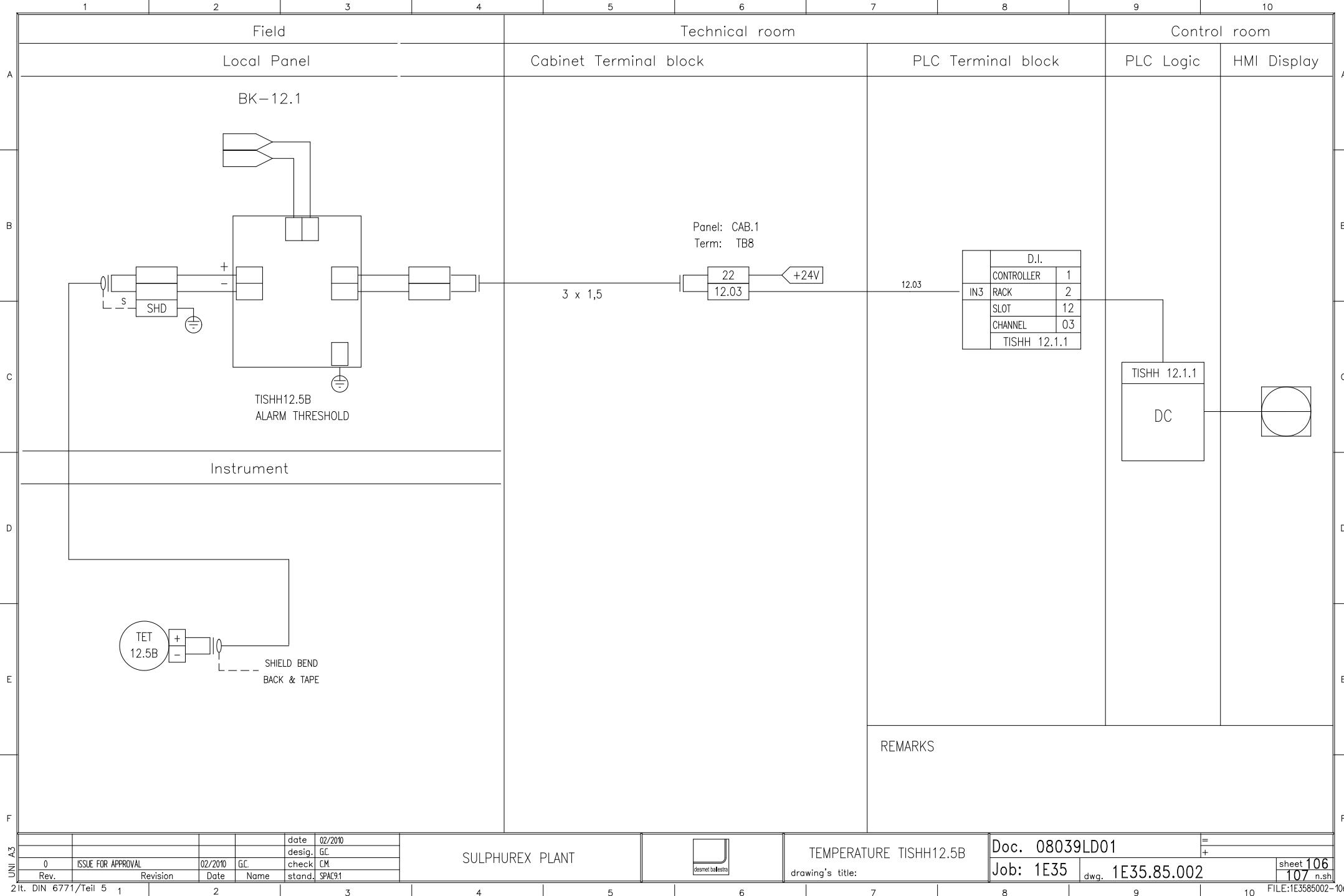


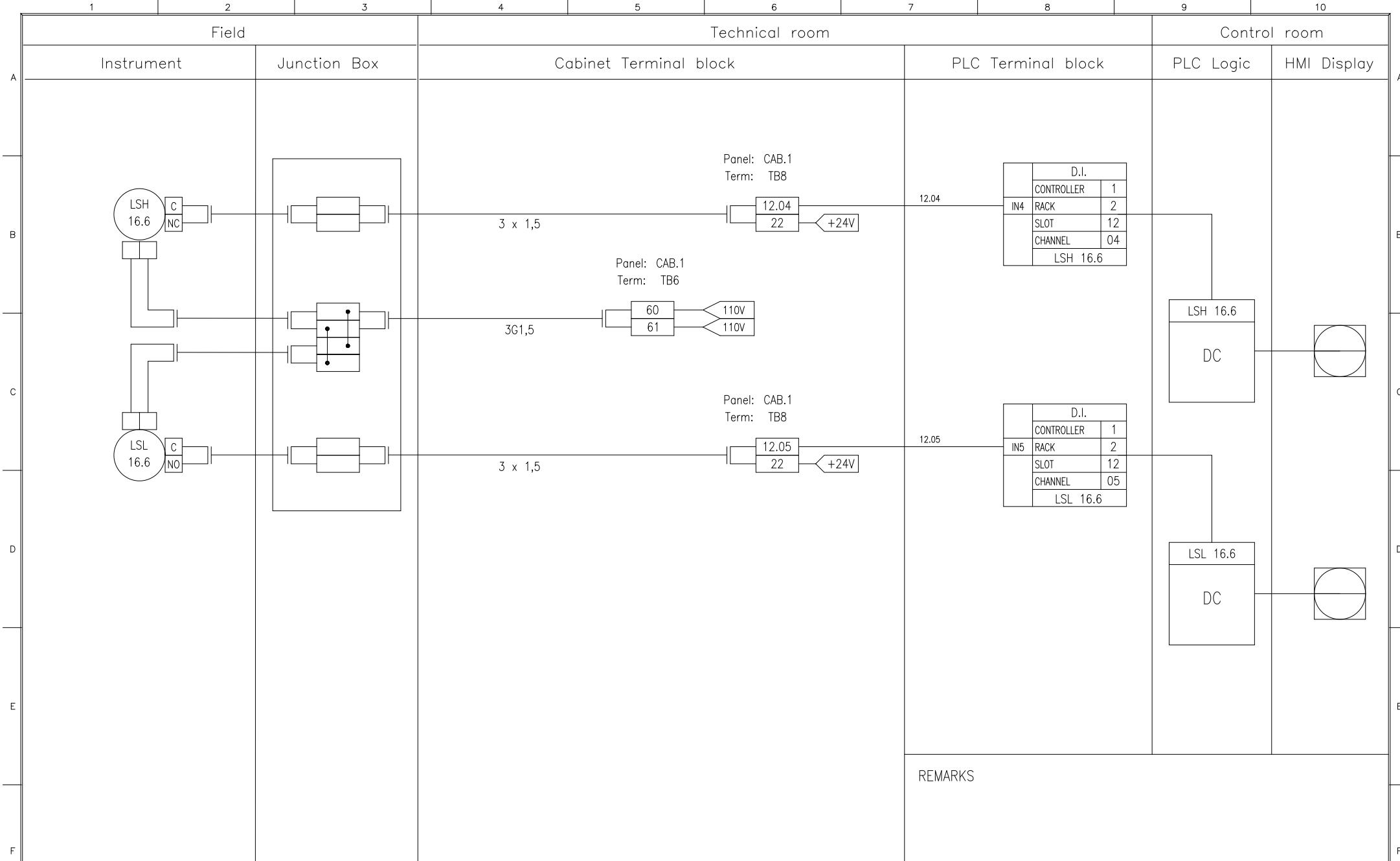












UNI A3					date	02/2010
	0	ISSUE FOR APPROVAL	02/2010	GC	check	CM
Rev.	Revision	Date	Name	stand:	SPAC91	

SULPHURIC PLANT

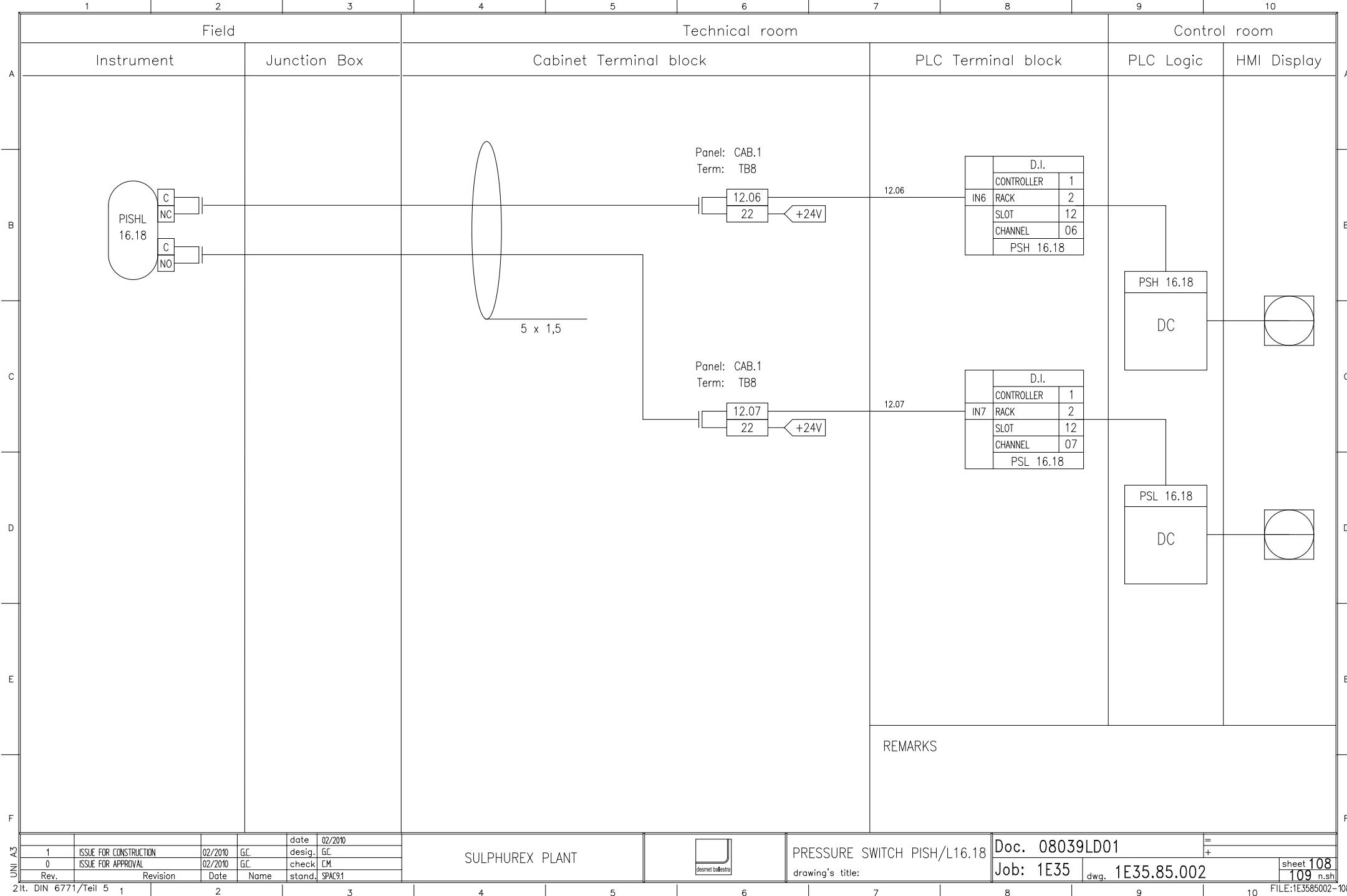


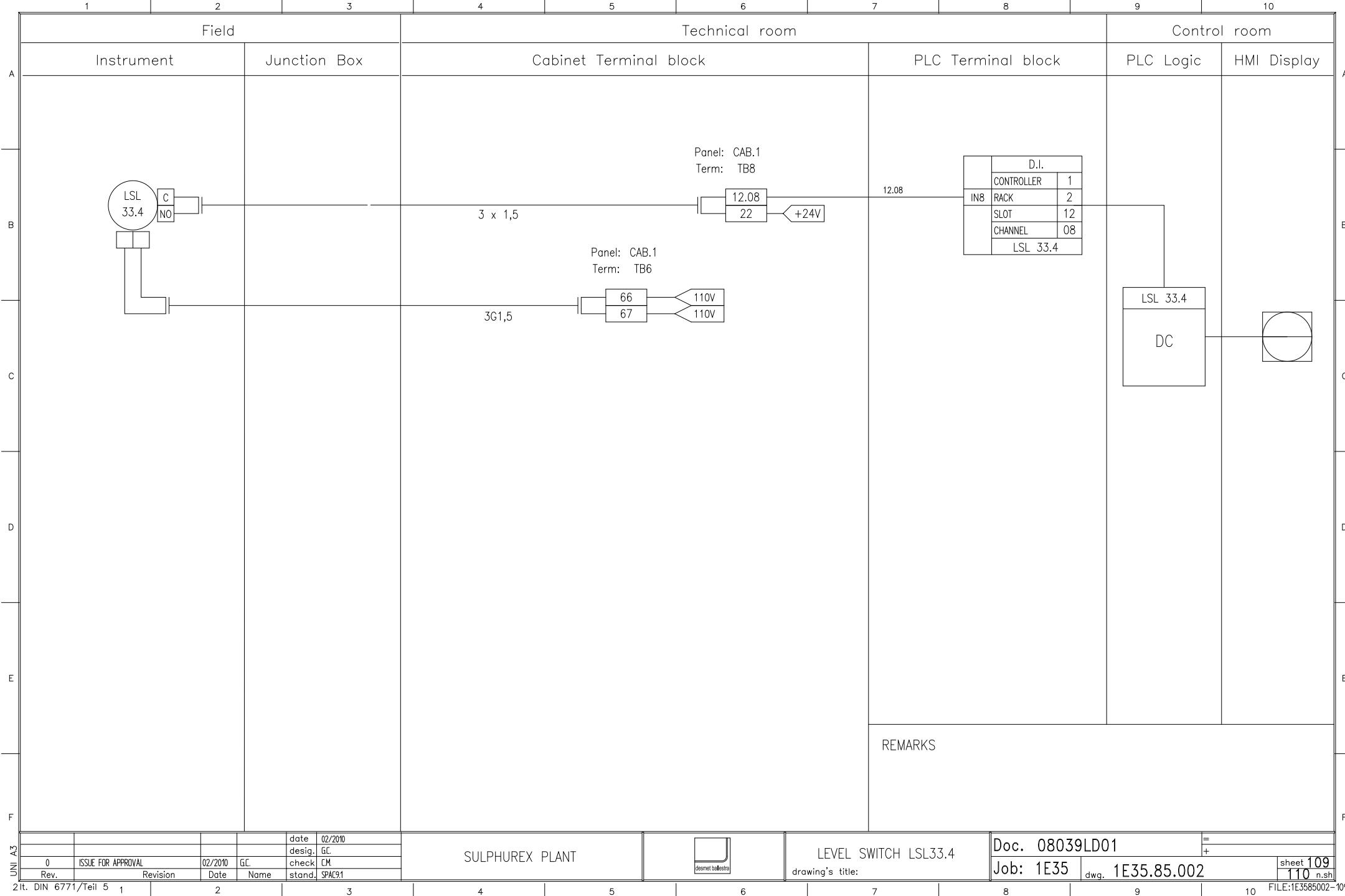
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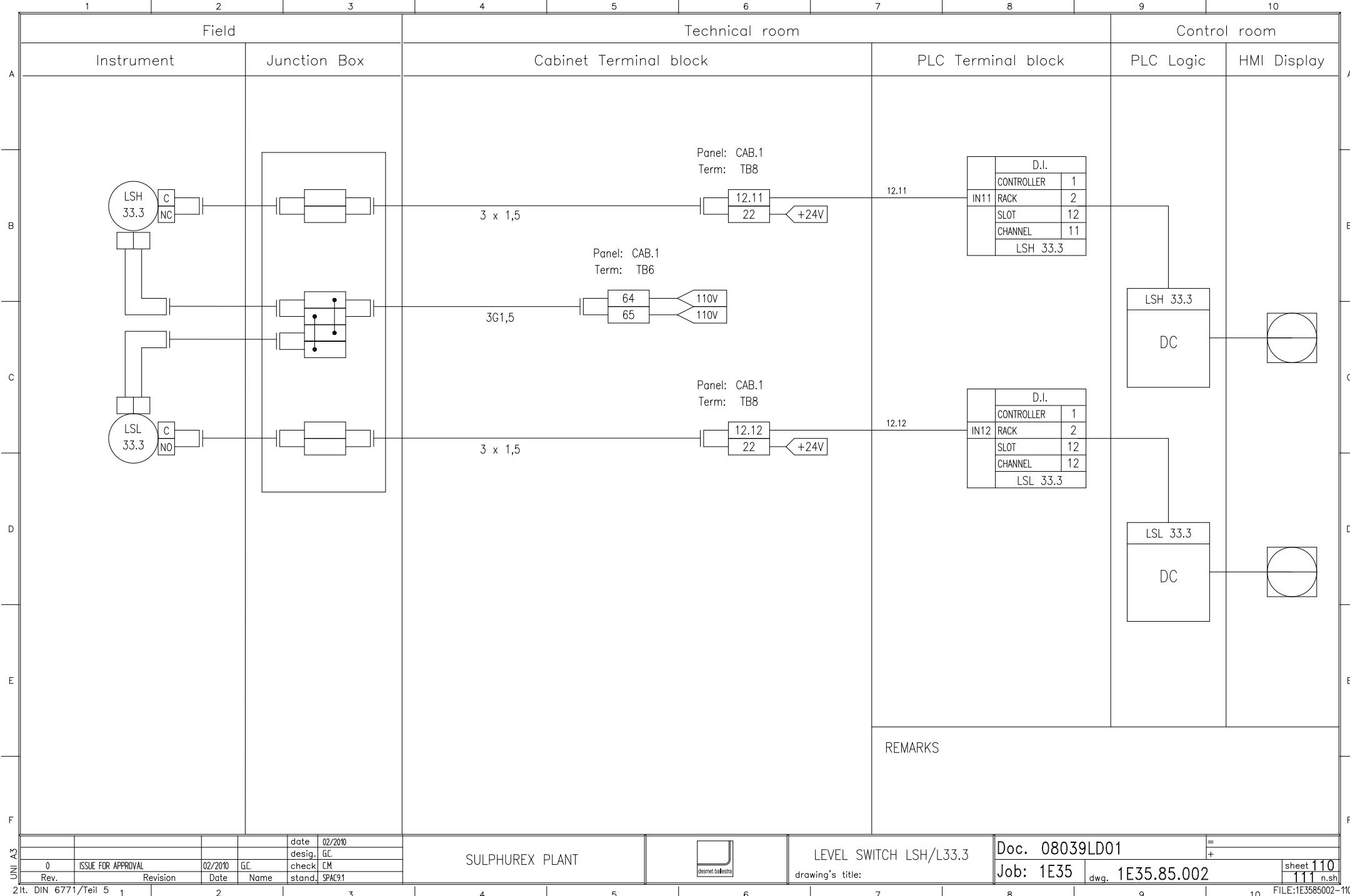
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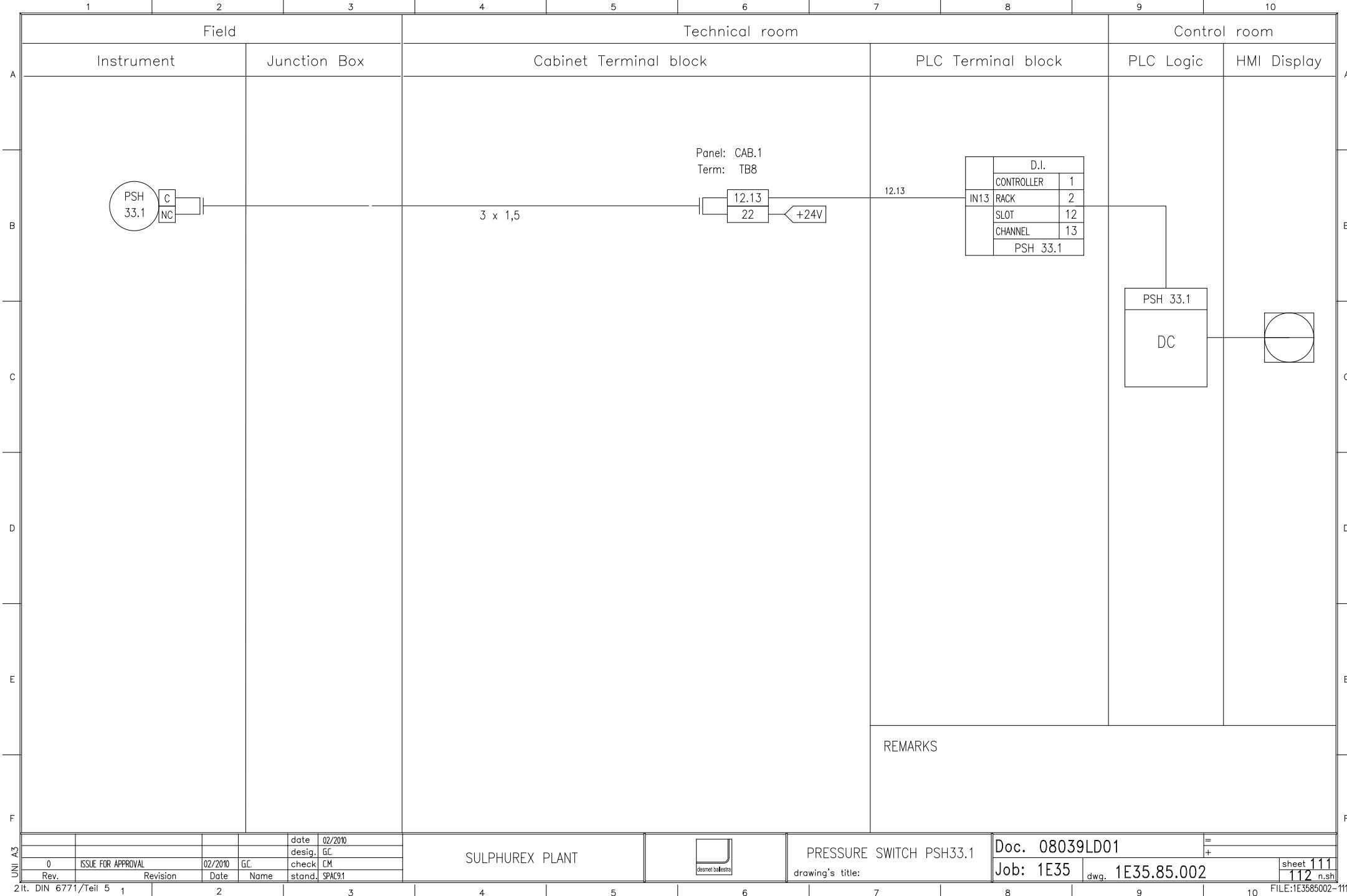
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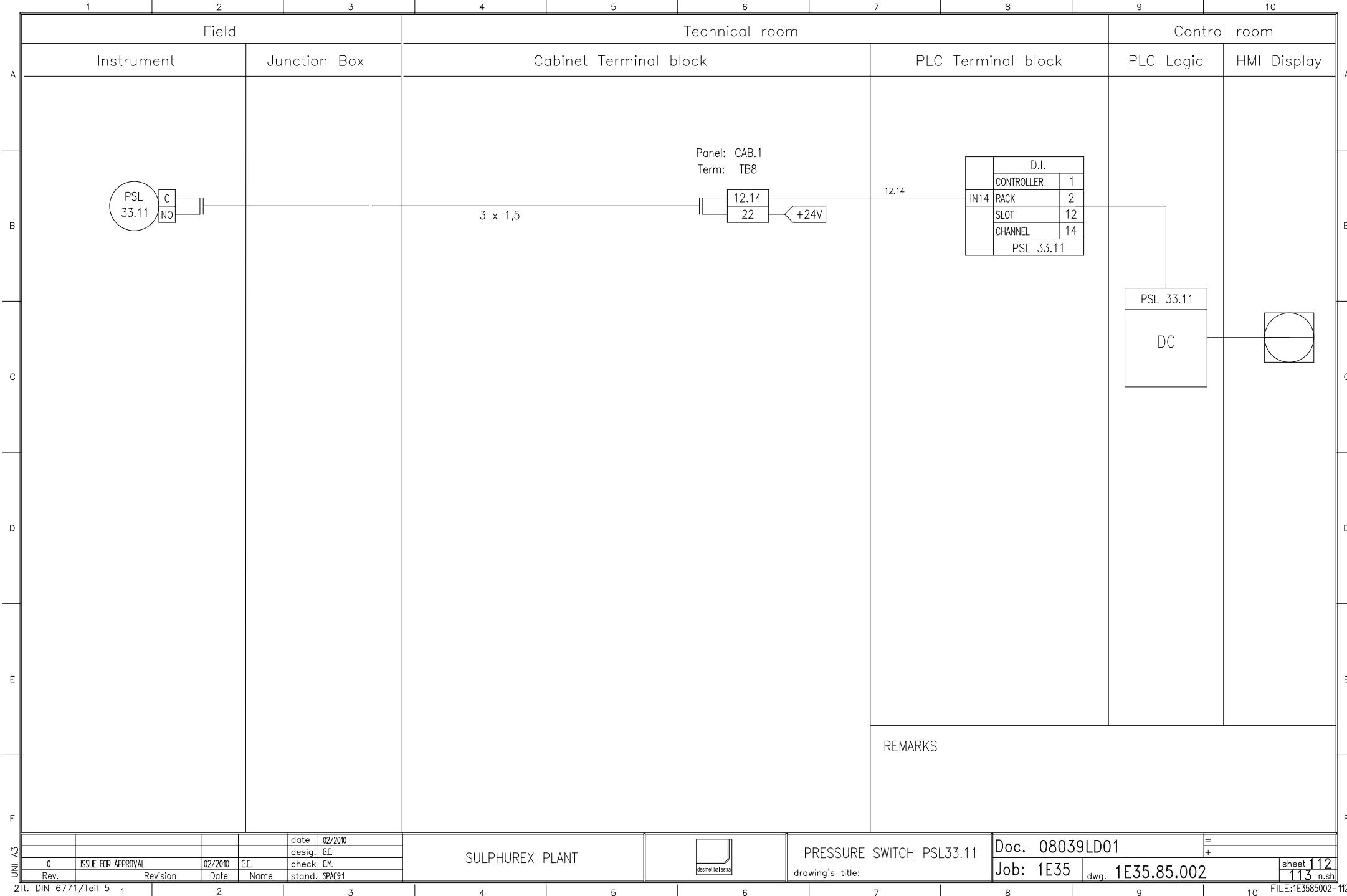
sheet 107  
108 n.sh

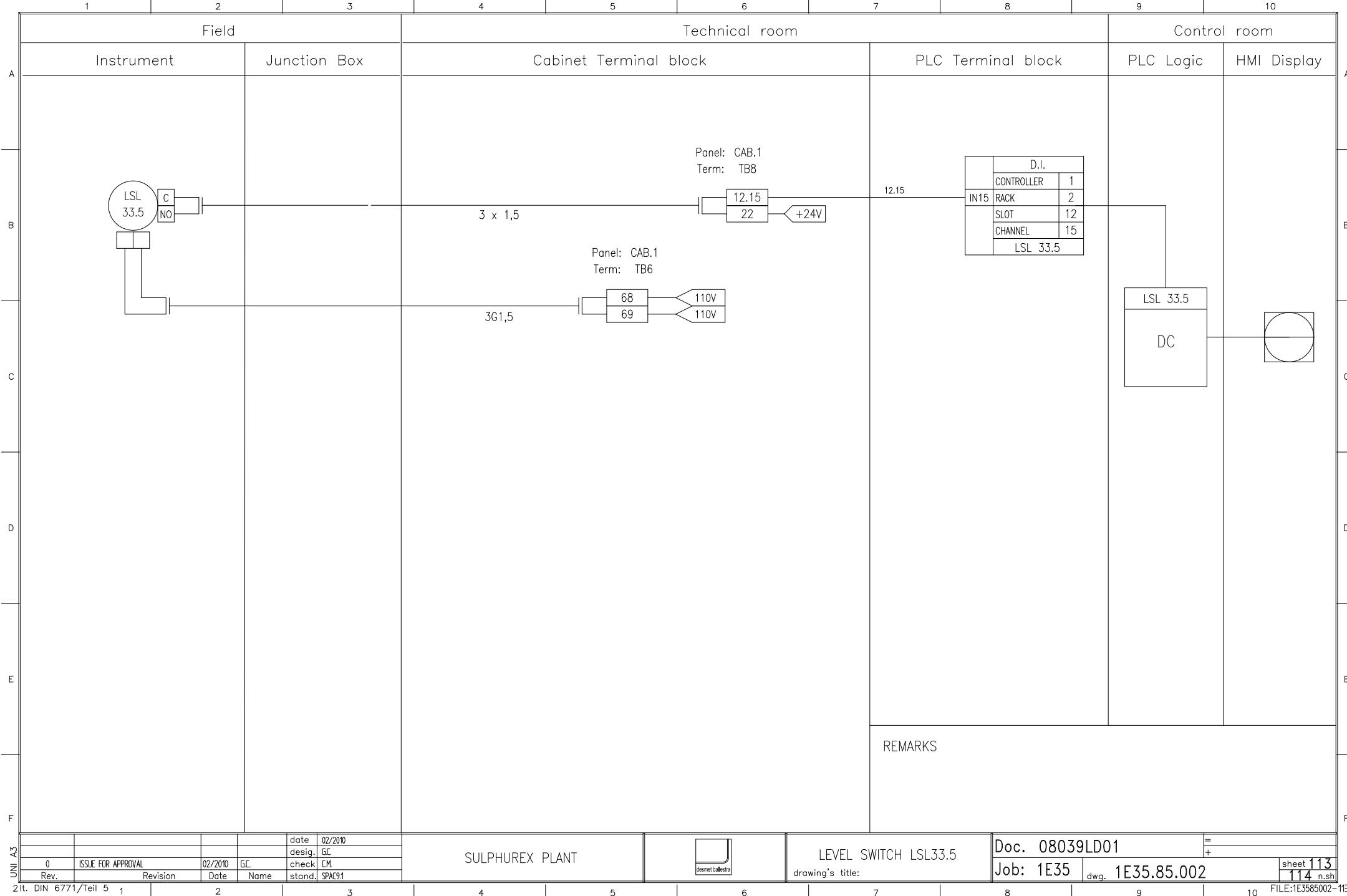


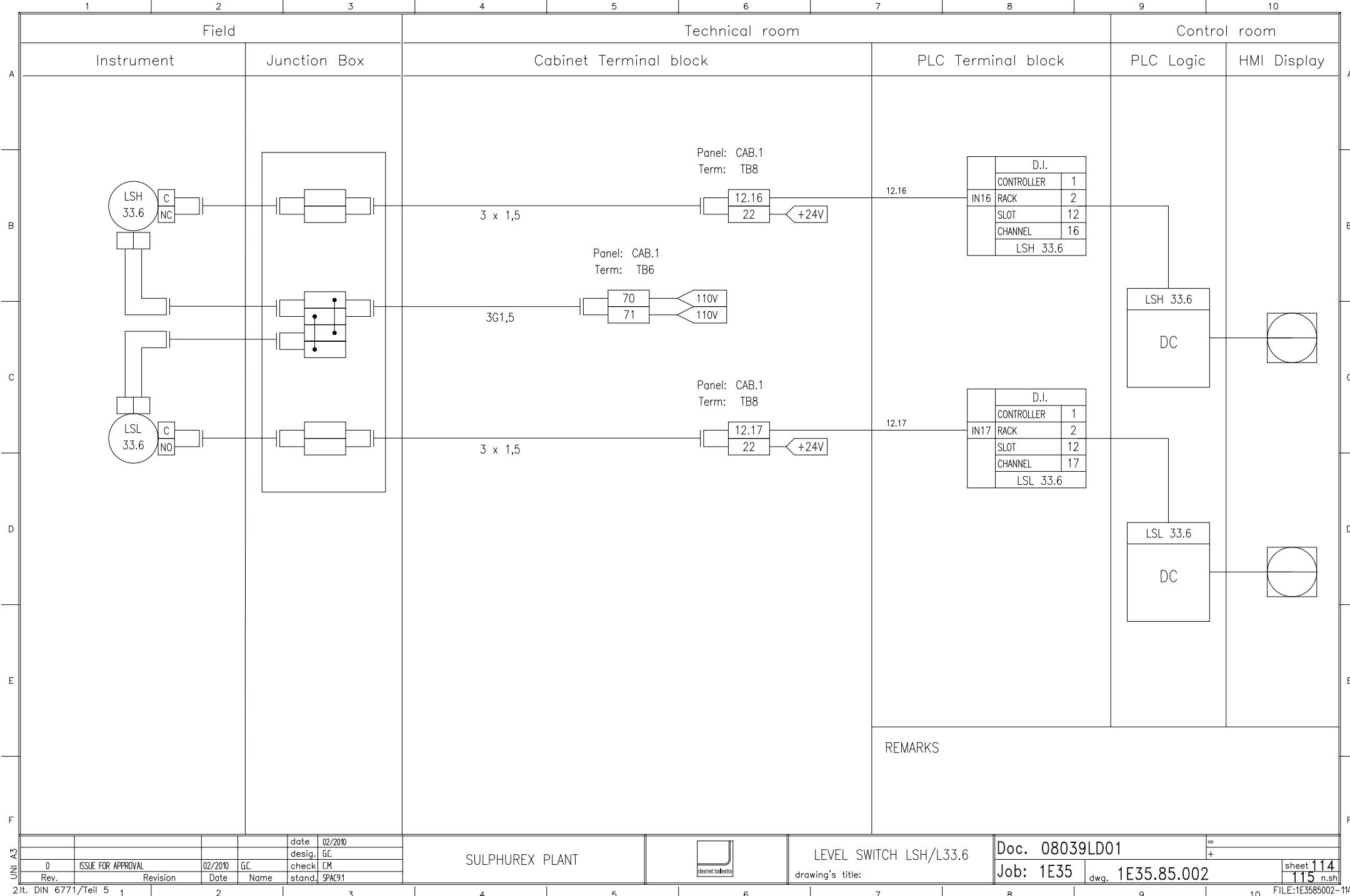


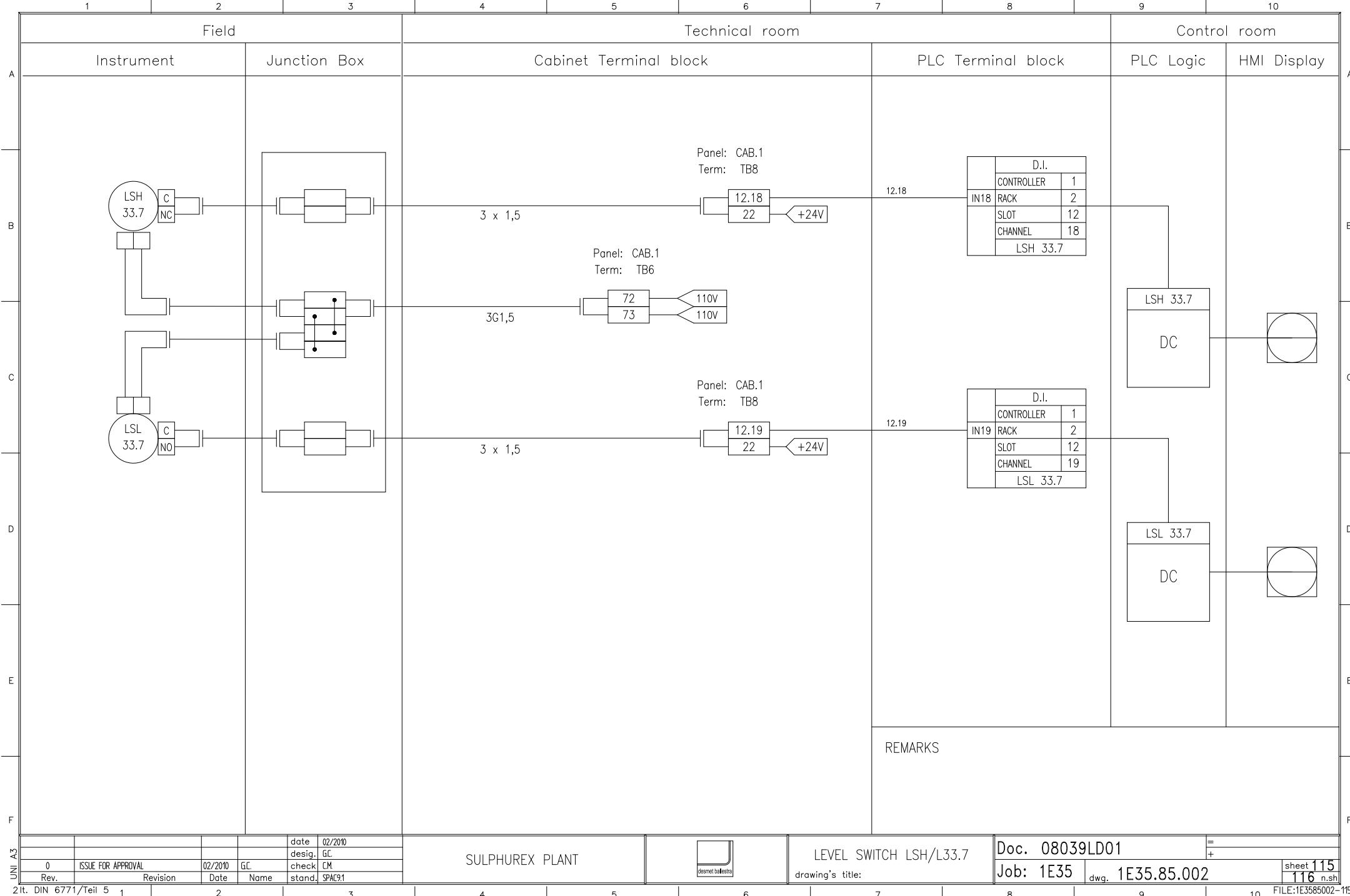


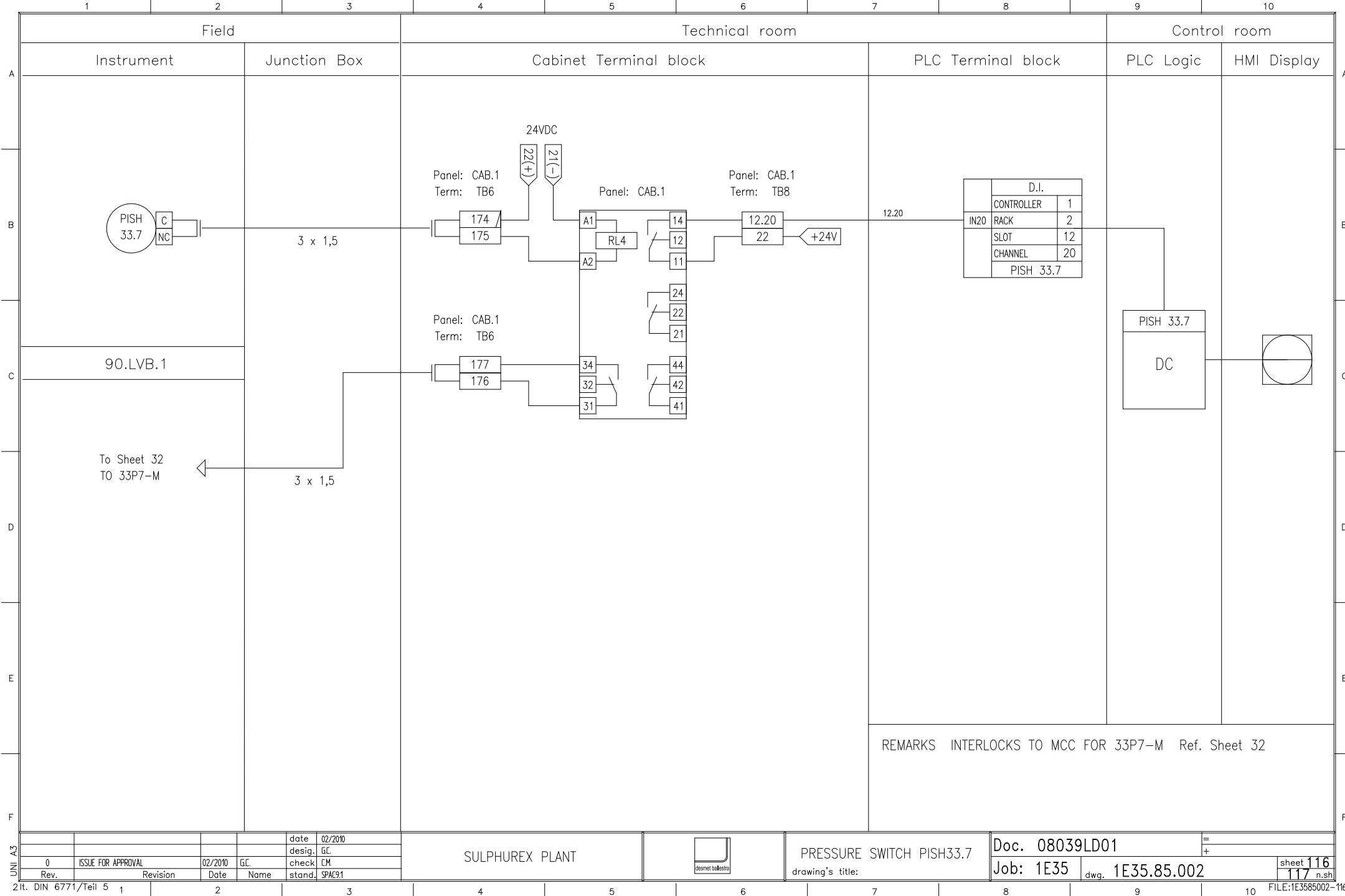


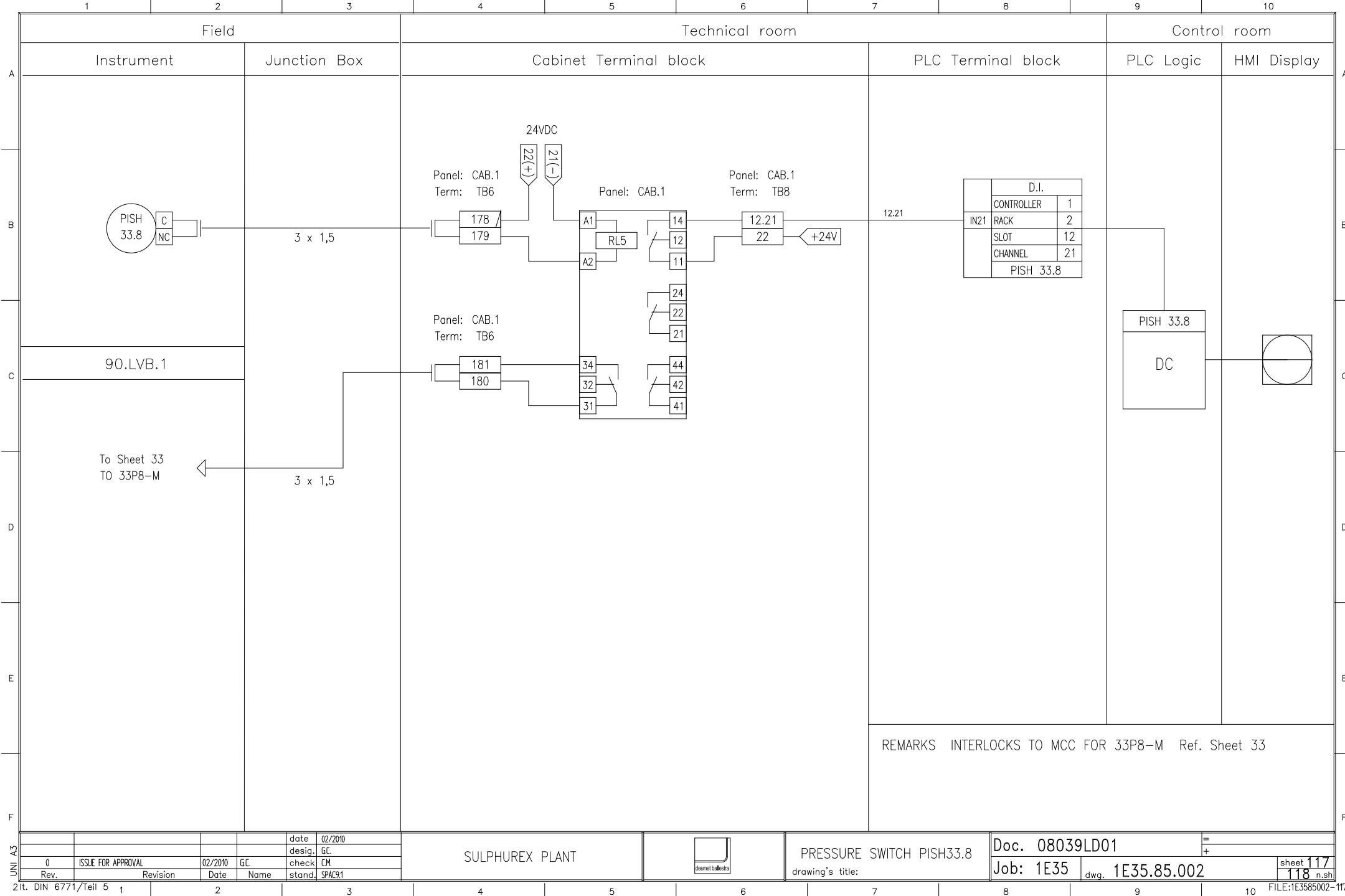












1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Electrical room

90.LVB.1



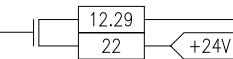
SHUT DOWN

Technical room

Cabinet Terminal block

3 x 1,5

Panel: CAB.1  
Term: TB8



PLC Terminal block

12.29

D.I.	
CONTROLLER	1
IN29	RACK 2
SLOT	12
CHANNEL	29
90.LVB.1	

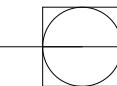
Control room

PLC Logic

HMI Display

90.LVB.1

DC



REMARKS

UNI A3					date	02/2010
					desig.	GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM		
Rev.	Revision	Date	Name	stand.	SPAC9.1	

SULPHUREX PLANT



SHUT DOWN FROM 90.LVB.1  
drawing's title:

Doc. 08039LD01

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+

sheet 118  
119 n.sh

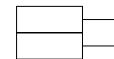
Job: 1E35 dwg. 1E35.85.002

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E3585002-118

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Electrical room

90.LVB.1



25P1 SELECTED

Technical room

Cabinet Terminal block

3 x 1,5

12.22

Panel: CAB.1  
Term: TB8

IN22

22

+24V

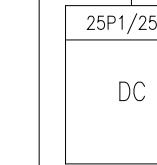
PLC Terminal block

D.I.	
CONTROLLER	1
RACK	2
SLOT	12
CHANNEL	22
25P1/25P2	

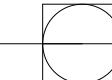
Control room

PLC Logic

HMI Display



DC



REMARKS

2	ISSUE AFTER TEST	03/2010	GC	date	02/2010
0	ISSUE FOR APPROVAL	02/2010	GC	check	CM
Rev.	Revision	Date	Name	stand	SPAC9.1

SULPHUREX PLANT



25P1 OR 25P2 SELECTION  
drawing's title:

Doc. 08039LD01

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sheet 119  
120 n.sh

Job: 1E35 dwg. 1E35.85.002

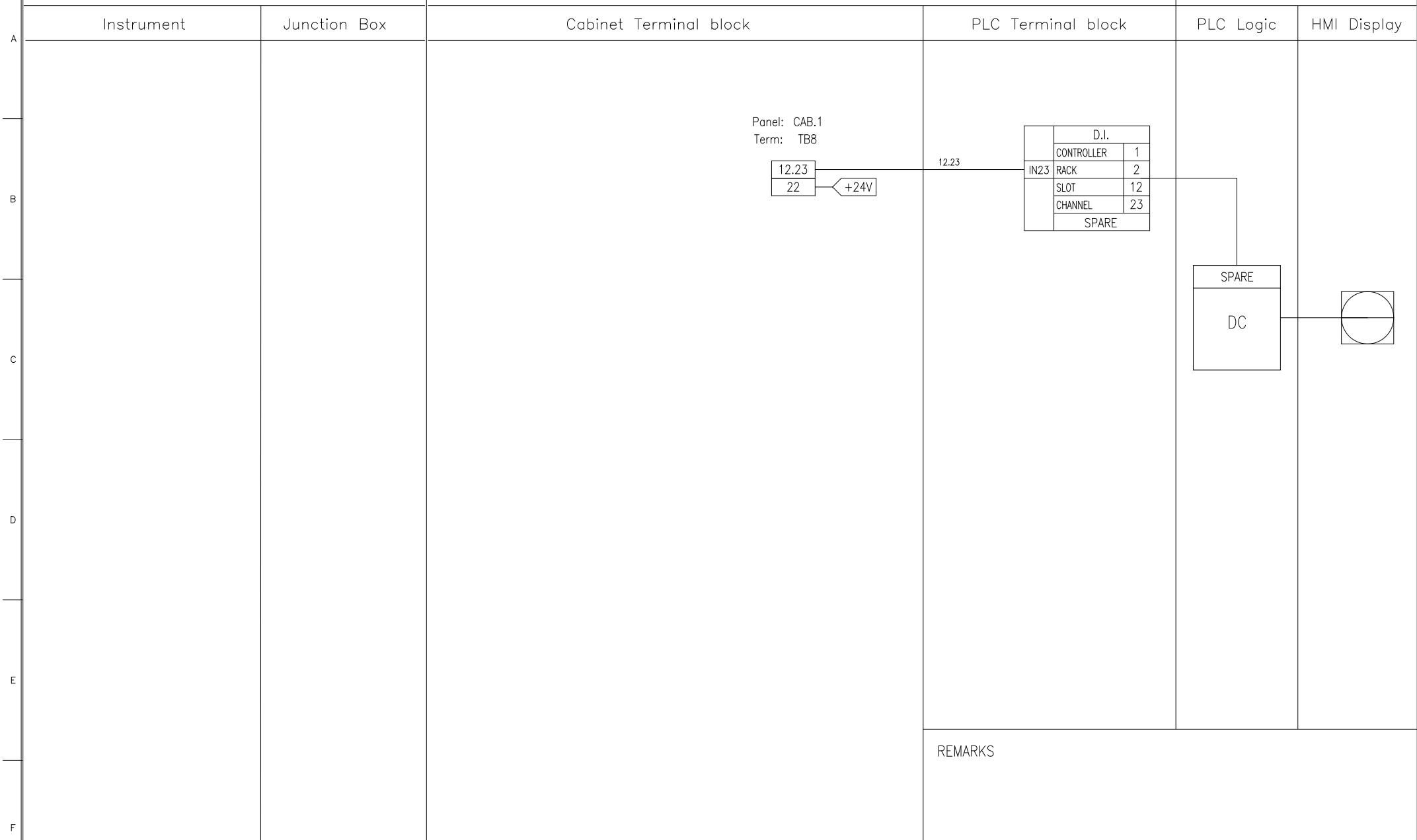
2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E3585002-119

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

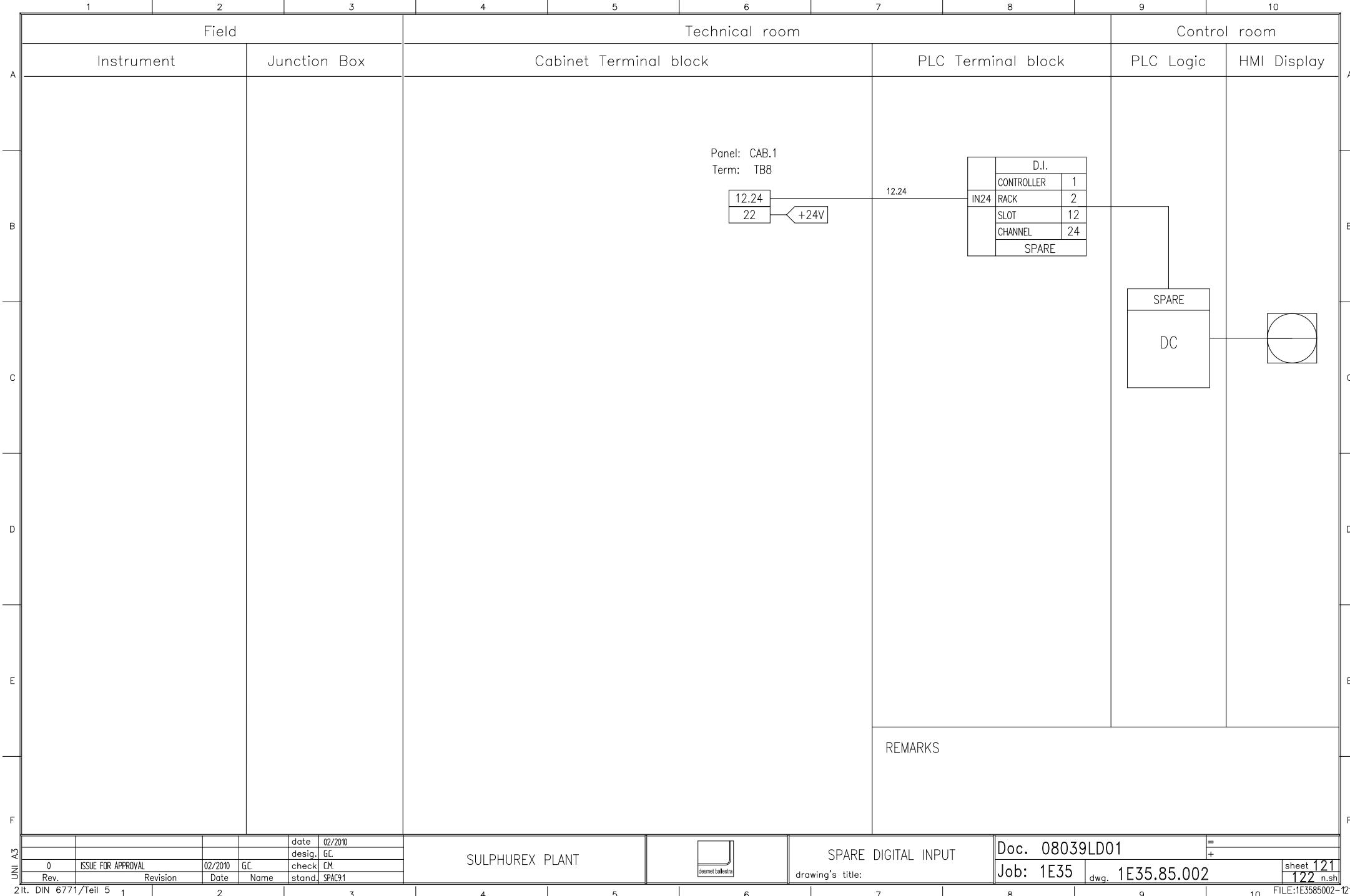
Field

Technical room

Control room



UNI A3					date	02/2010		SULPHUREX PLANT	desmet ballestra	SPARE DIGITAL INPUT	Doc. 08039LD01	=
					desig.	GC						+
	0	ISSUE FOR APPROVAL	02/2010	GC	check	CM						
Rev.		Revision	Date	Name	stand.	SPAC9.1					Job: 1E35	dwg. 1E35.85.002
											sheet 120	121 n.sh

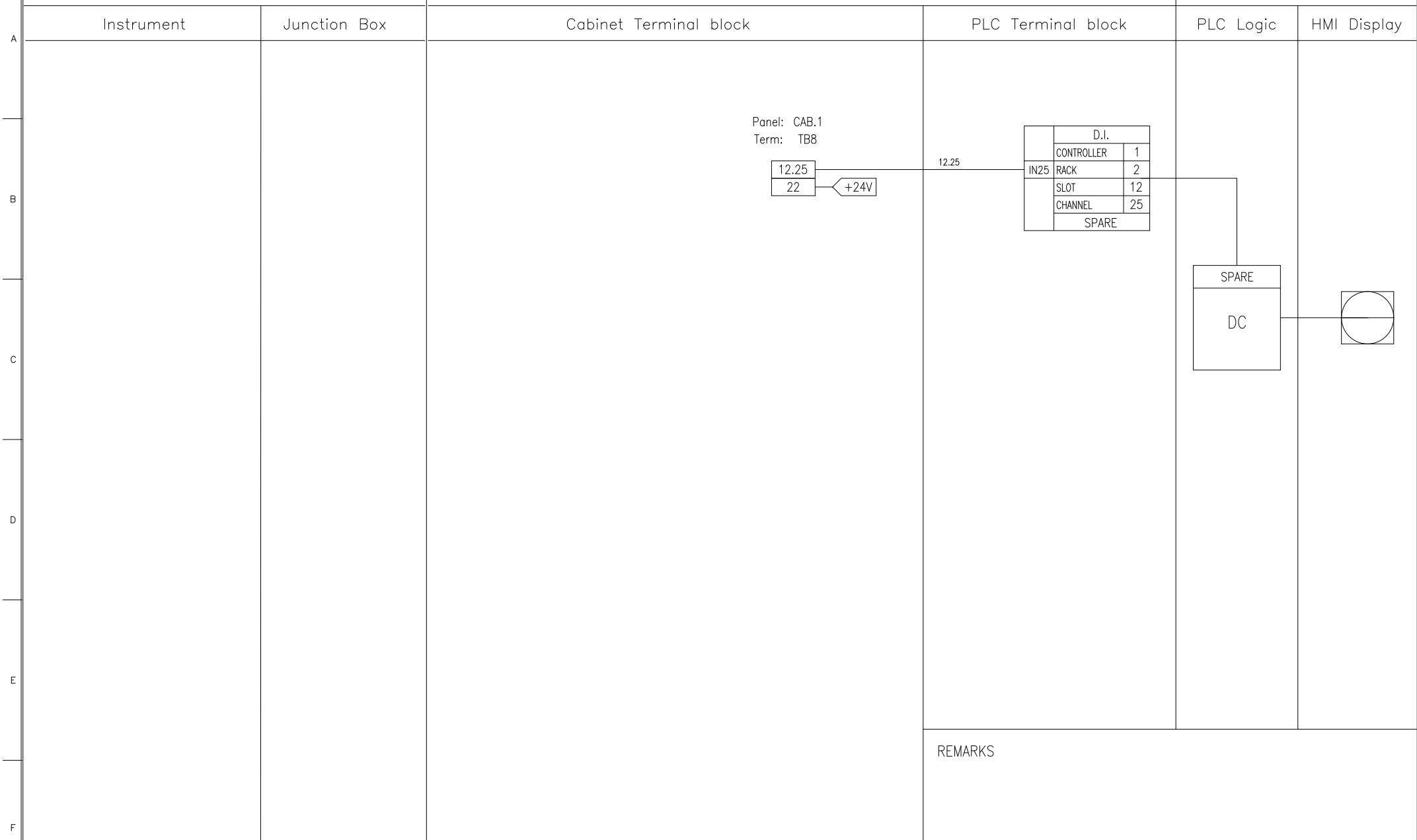


1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

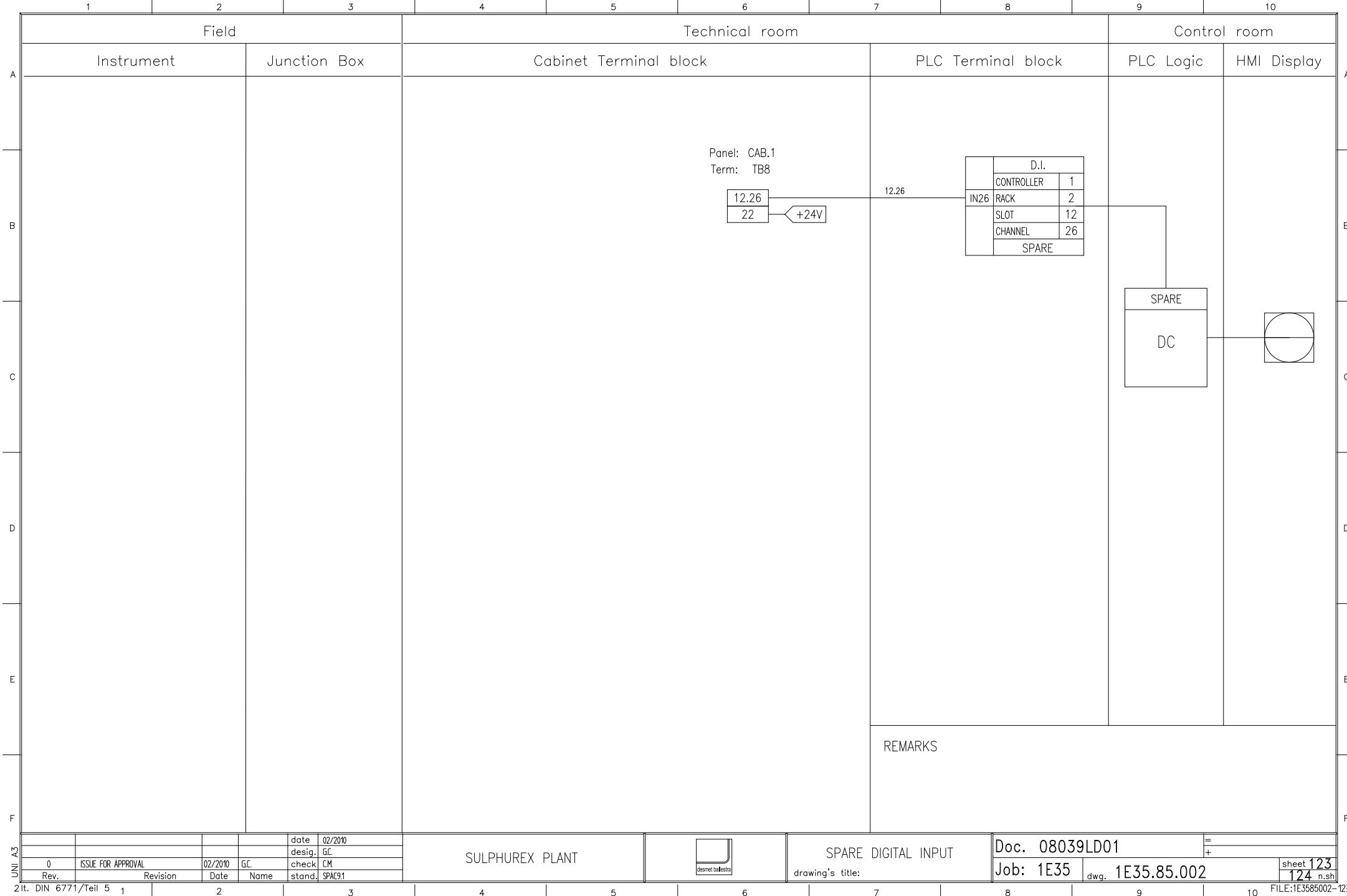
Technical room

Control room



UNI A3					date	02/2010		SULPHUREX PLANT	desmet ballestra	SPARE DIGITAL INPUT	Doc. 08039LD01	=
					desig.	GC						+
	0	ISSUE FOR APPROVAL	02/2010	GC	check	CM						
Rev.	Revision	Date	Name	stand.	SPAC9.1						Job: 1E35	dwg. 1E35.85.002

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-122

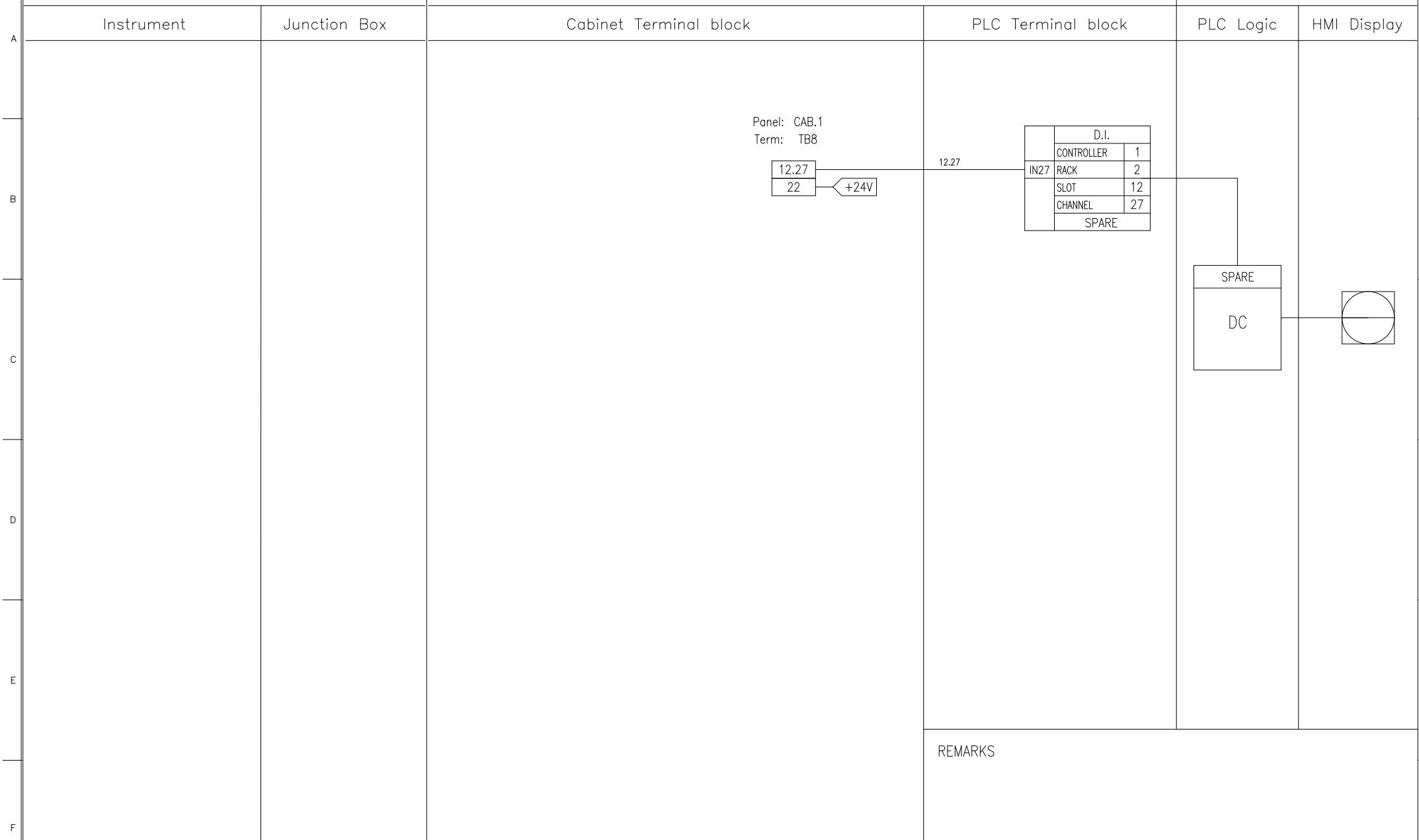


1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

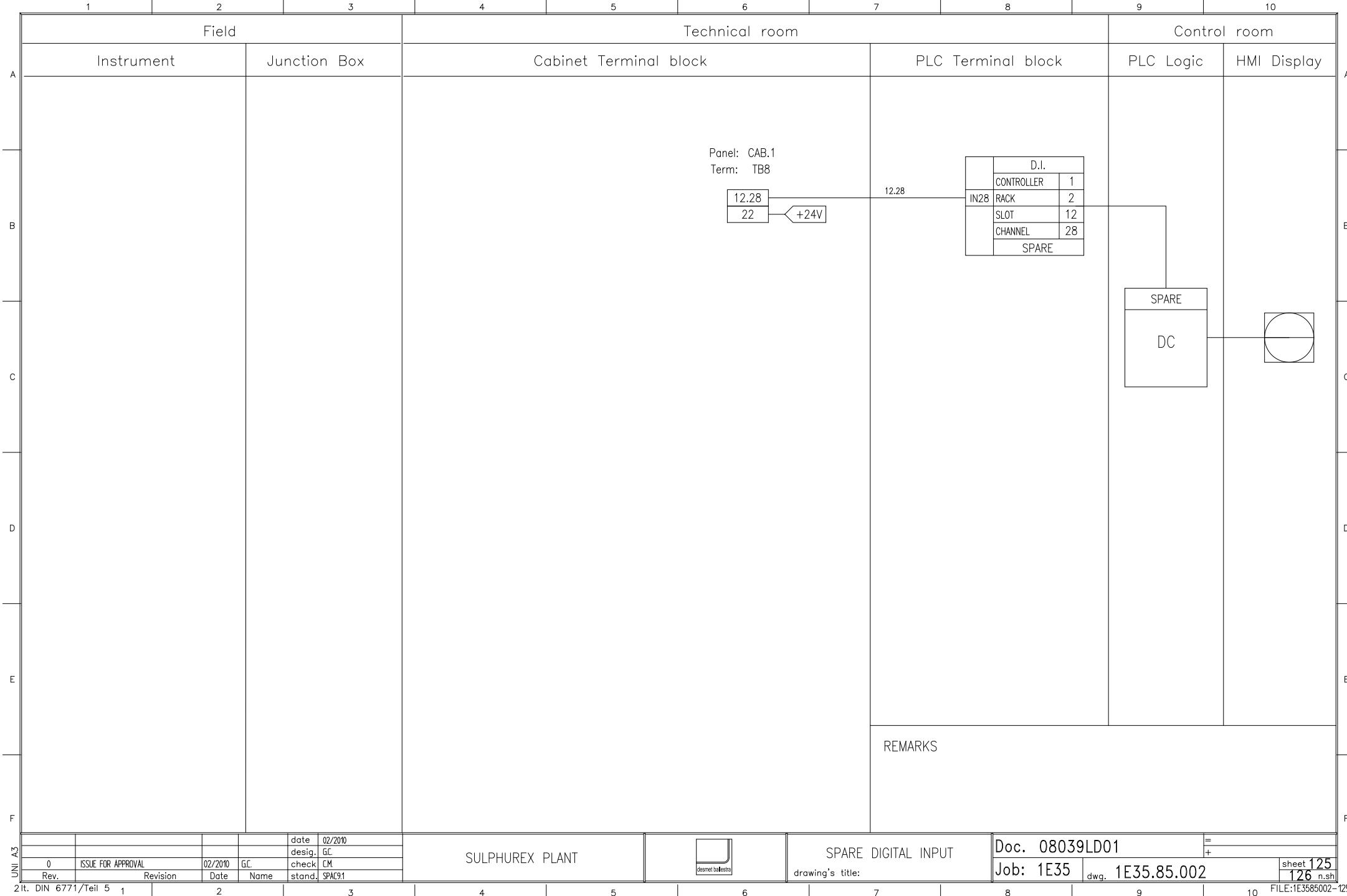
Technical room

Control room



UNI A3					date	02/2010		SULPHUREX PLANT	desmet ballestra	SPARE DIGITAL INPUT	Doc. 08039LD01	=
					desig.	GC						+
	0	ISSUE FOR APPROVAL	02/2010	GC	check	CM						
Rev.		Revision	Date	Name	stand.	SPAC9.1					Job: 1E35	dwg. 1E35.85.002

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-124



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

## Field

## Technical room

## Control room

A	Instrument	Junction Box	Cabinet	Terminal block	PLC Terminal block	PLC Logic	HMI Display	B	C	D	E	F
A												
B												
C												
D												
E												
F								REMARKS				

NEXT SHEET : 131

UNI A3					date	02/2010
					desig.	GC
0	ISSUE FOR APPROVAL	02/2010	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1	

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-126

SULPHUREX PLANT



SPARE SHEET

drawing's title:

Doc. 08039LD01

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Job: 1E35 dwg. 1E35.85.002

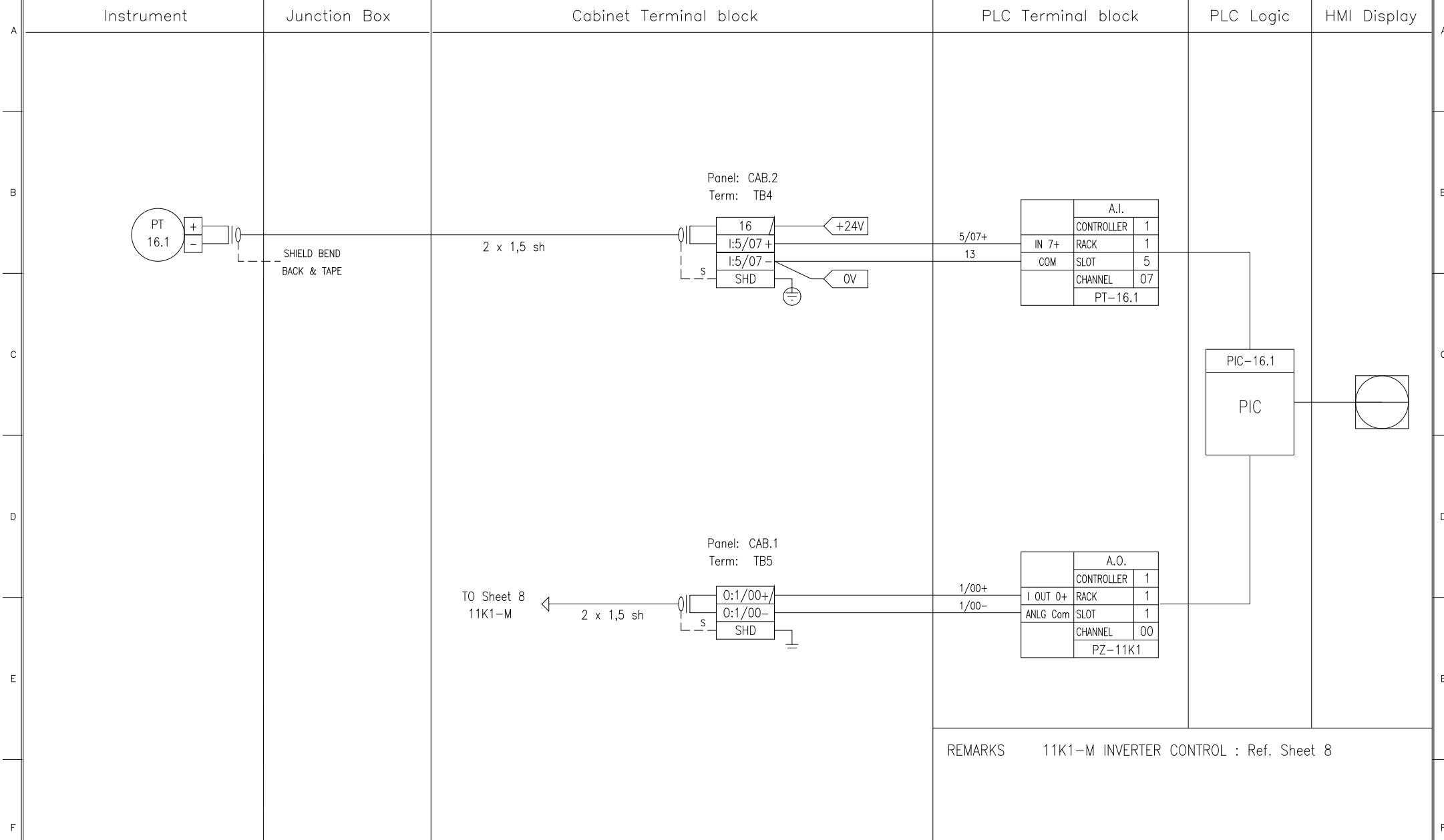
sheet 126  
131 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3				date 02/2010			Doc. 08039LD01	=
				desig. GC				+
0	ISSUE FOR APPROVAL	02/2010	GC	check CM			Job: 1E35	
Rev.	Revision	Date	Name	stand. SPAC9.1			dwg. 1E35.85.002	sheet 131 132 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E3585002-131

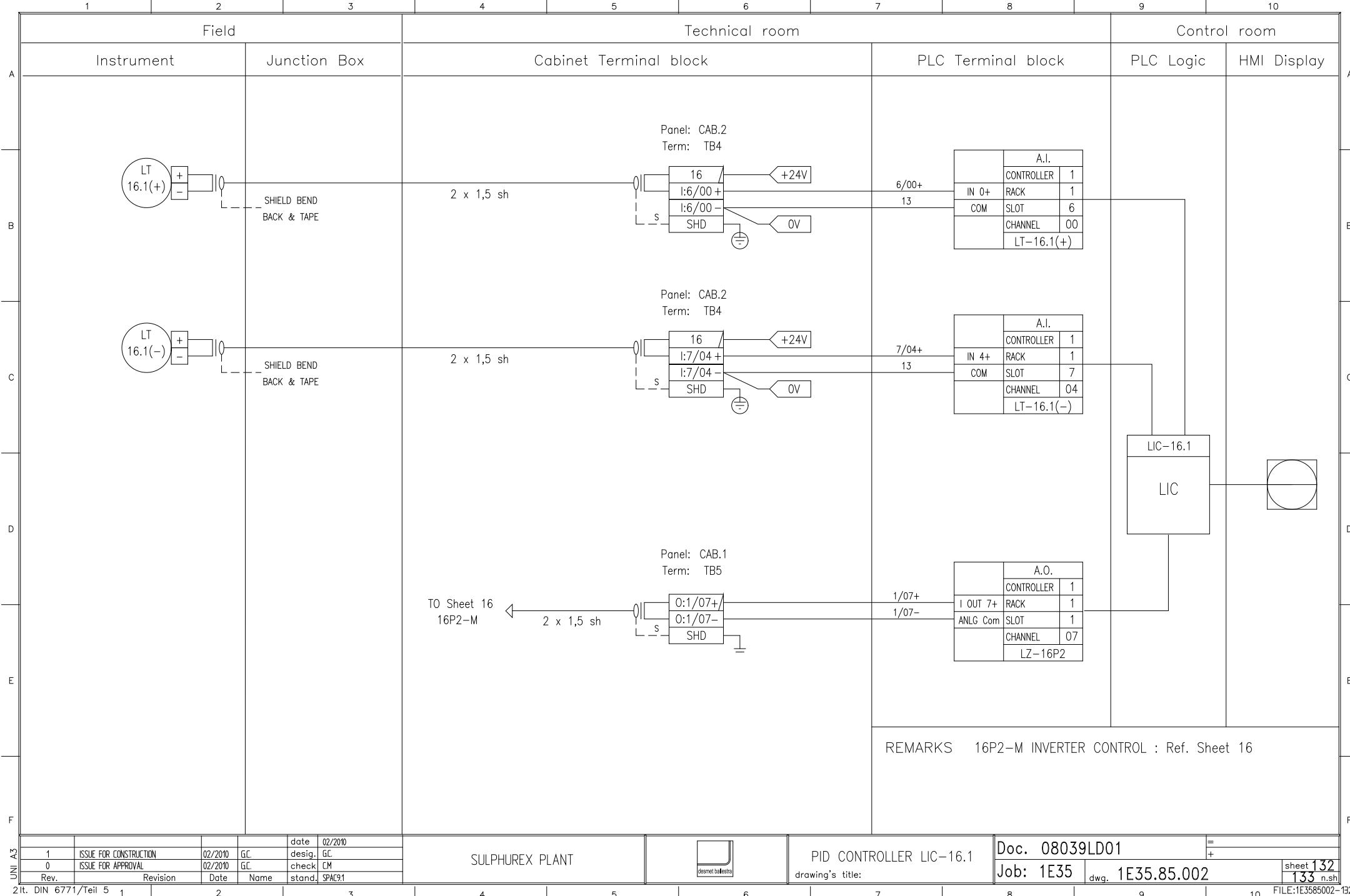
SULPHUREX PLANT

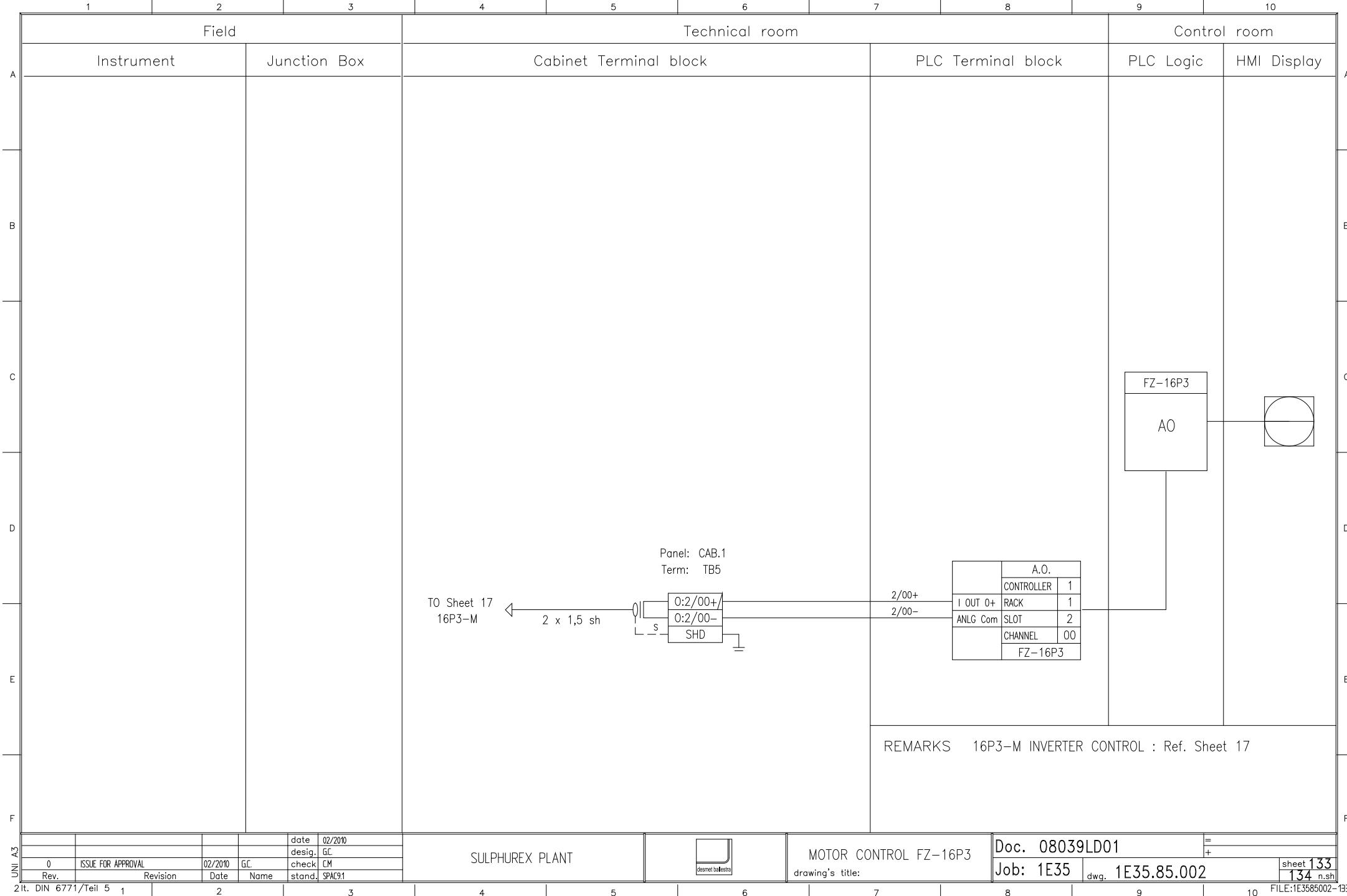


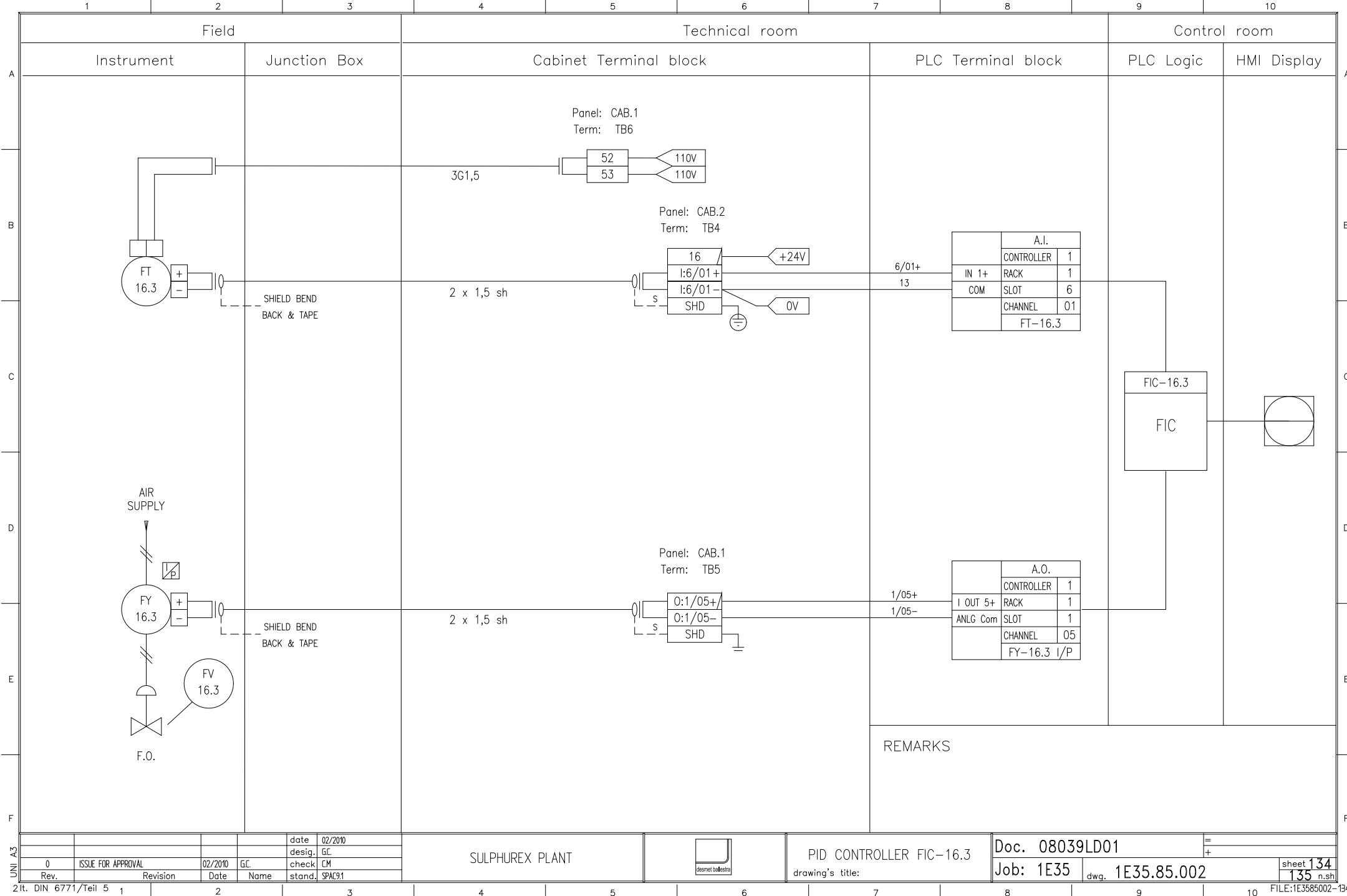
PID CONTROLLER PIC-16.1  
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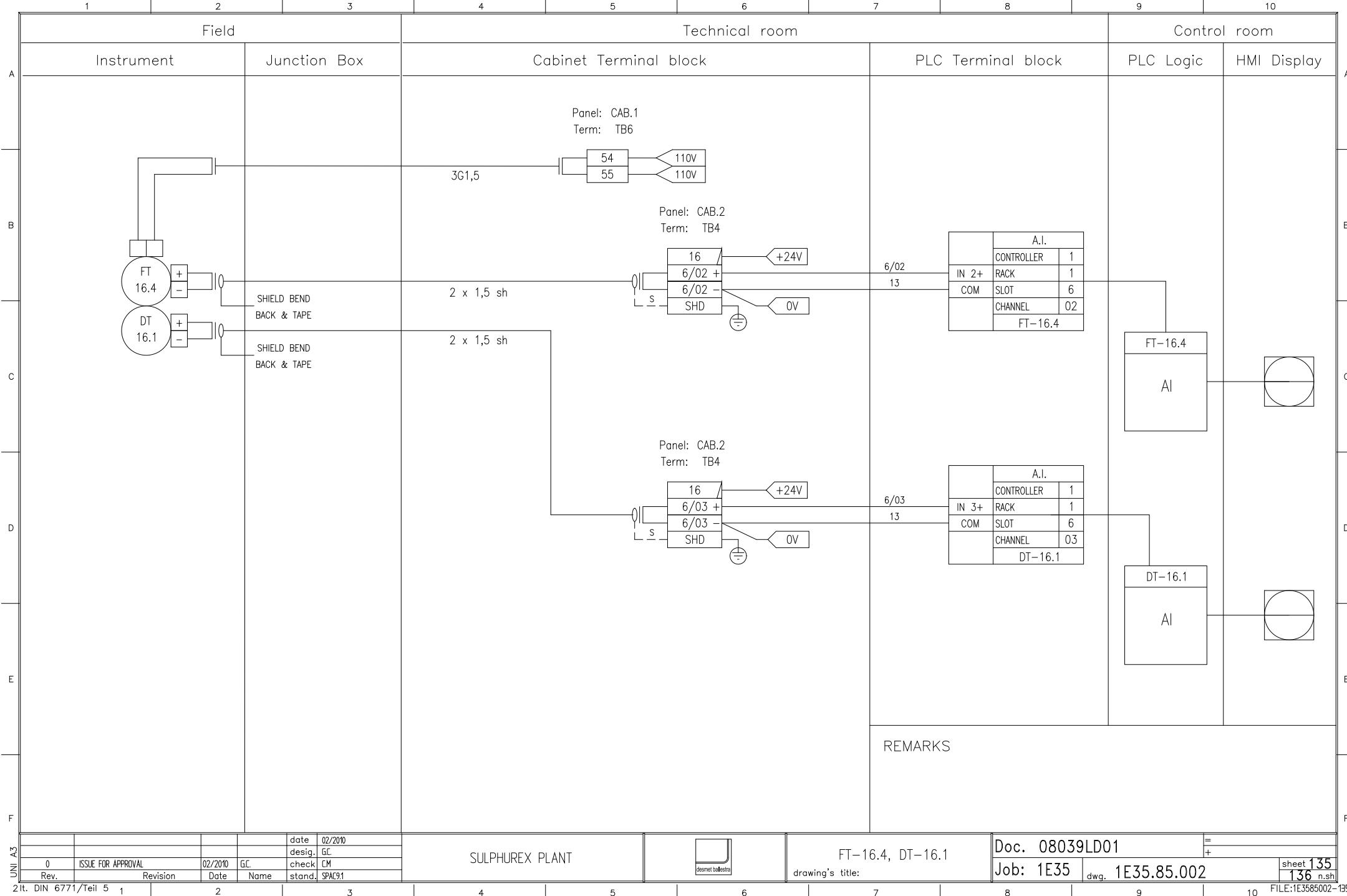
Doc. 08039LD01  
Job: 1E35

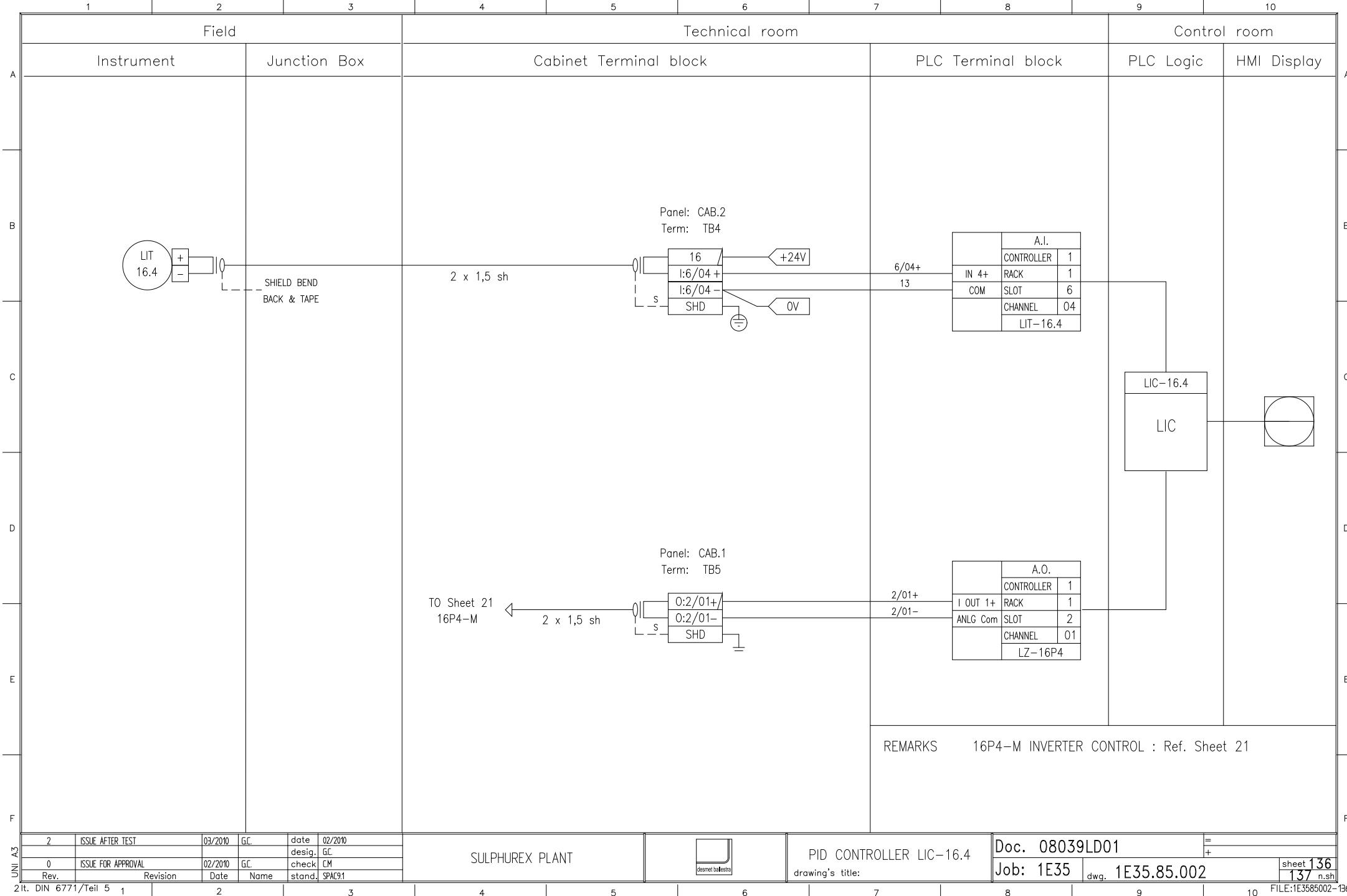
dwg. 1E35.85.002  
sheet 131  
132 n.sh

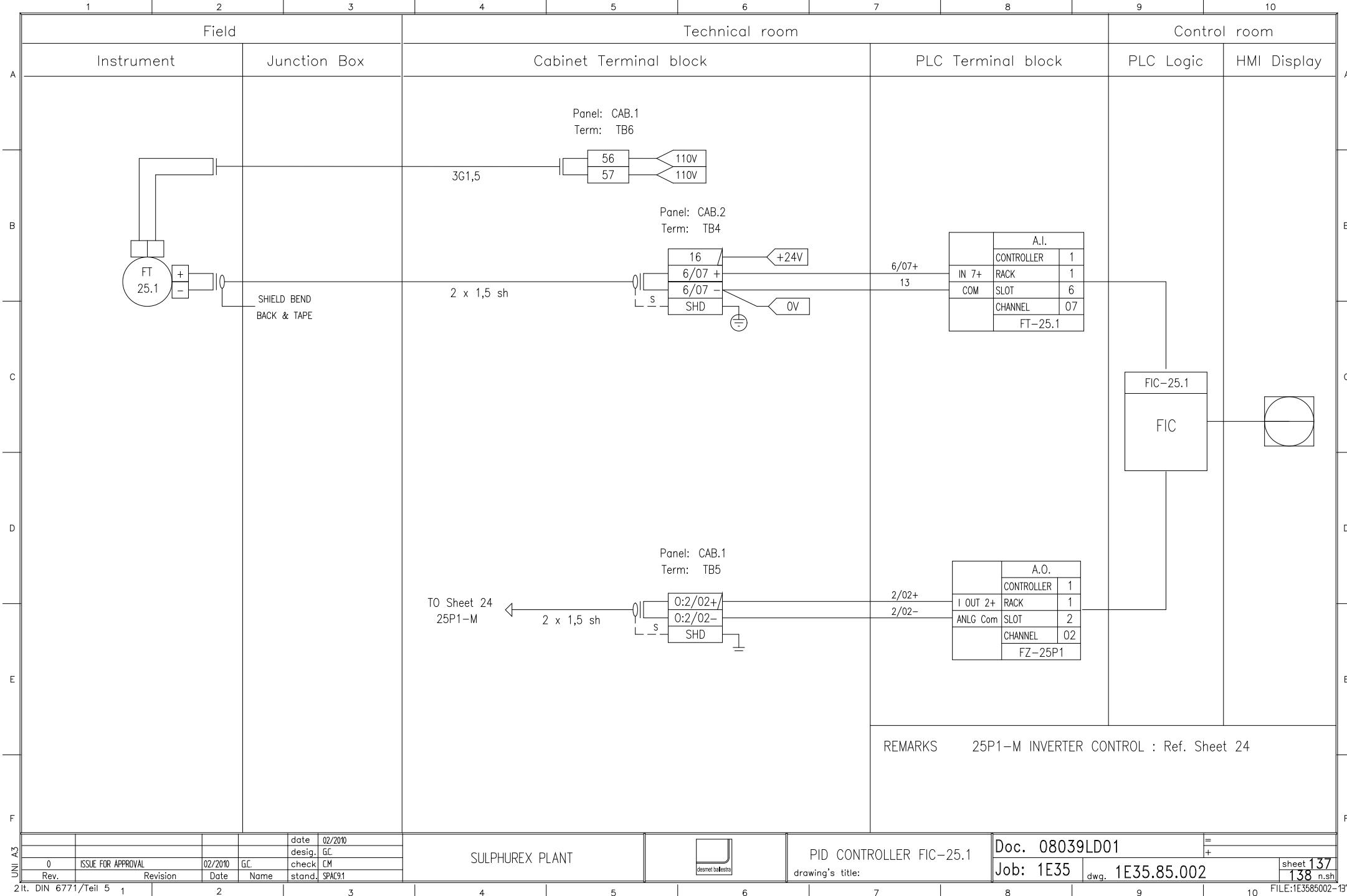


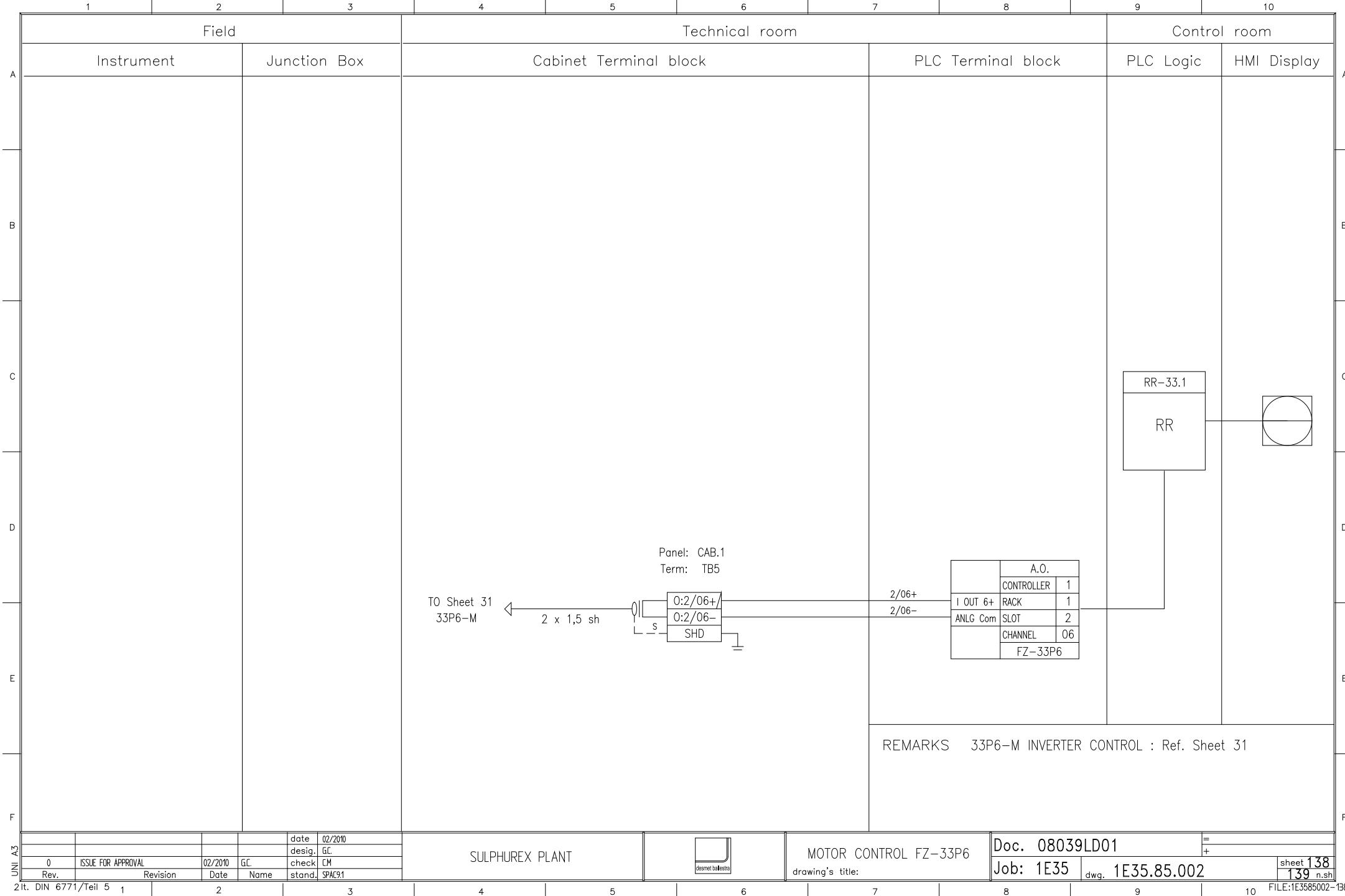


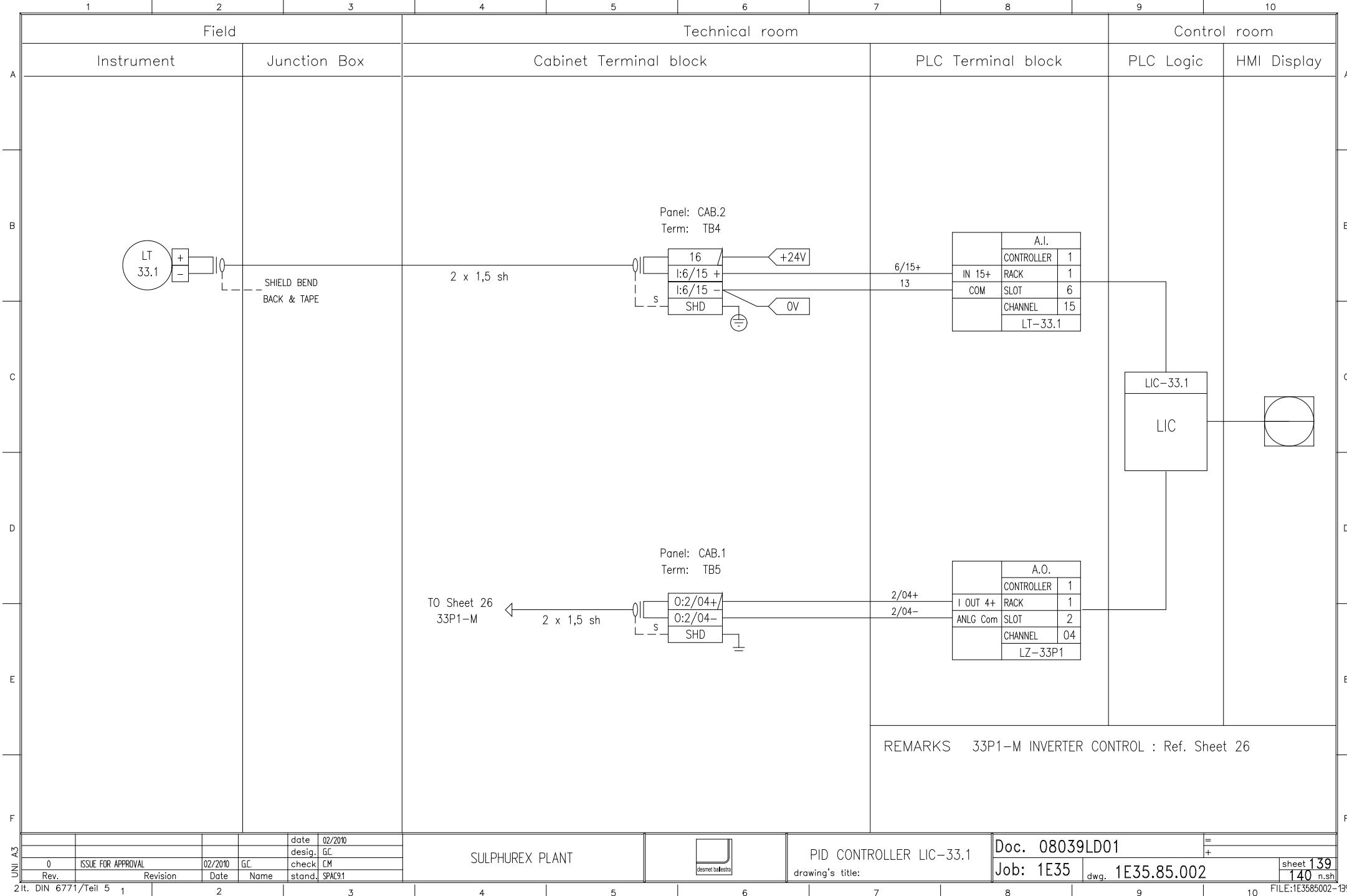










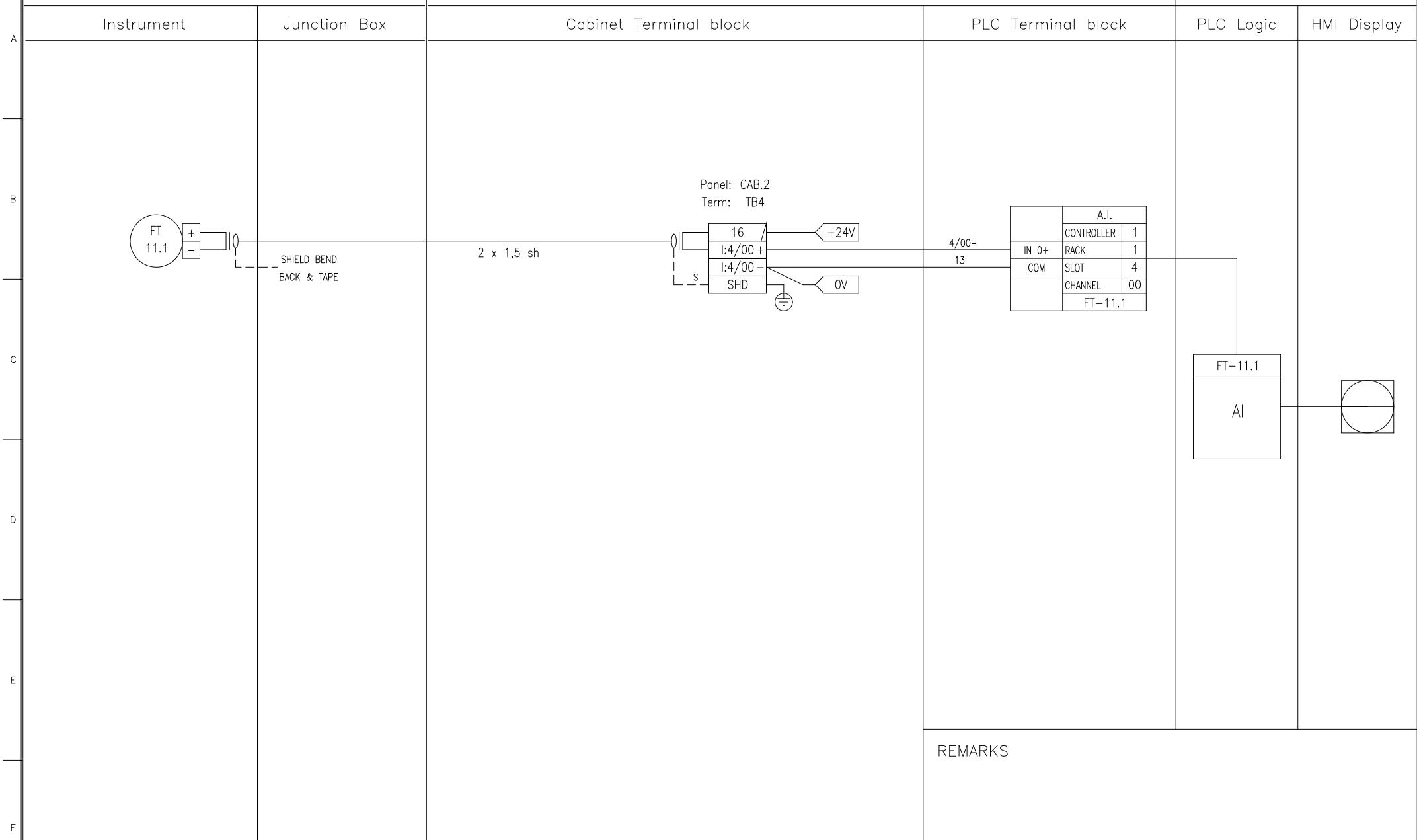


1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3				date 02/2010		Doc. 08039LD01	=
				desig. GC			+
0	ISSUE FOR APPROVAL	02/2010	GC	check CM		Job: 1E35	sheet 140
Rev.	Revision	Date	Name	stand. SPAC9.1		dwg. 1E35.85.002	141 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-140

SULPHUREX PLANT



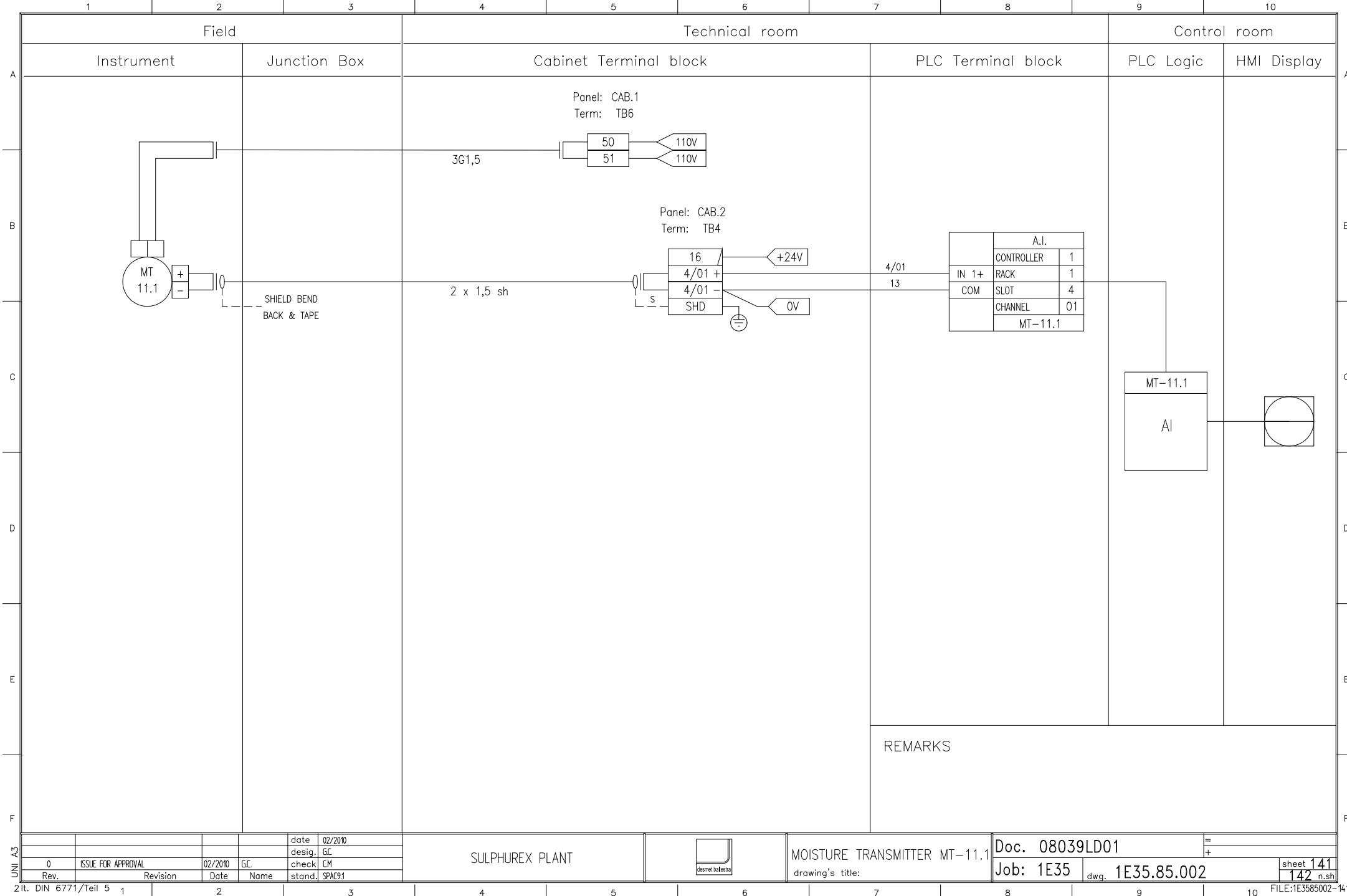
FLOW TRANSMITTER FT-11.1  
drawing's title:

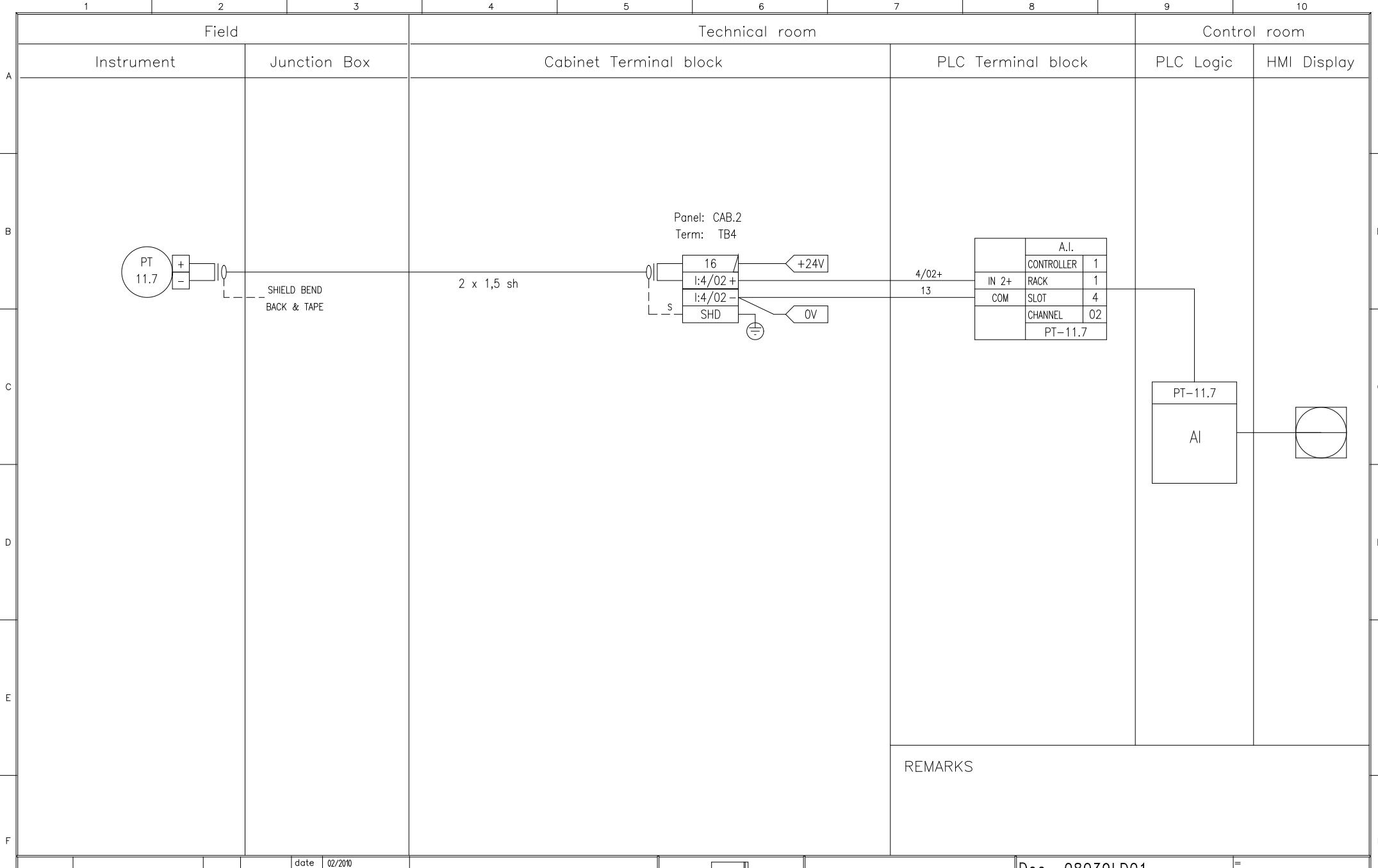
Doc. 08039LD01

Job: 1E35

dwg. 1E35.85.002

sheet 140  
141 n.sh





UNI A3					date	02/2010
					desig.	GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM		
Rev.	Revision	Date	Name	stand.	SPAC9.1	

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-142

SULPHUREX PLANT



PRESS. TRANSMITTER PT-11.7  
drawing's title:

Doc. 08039LD01

Job: 1E35 dwg. 1E35.85.002

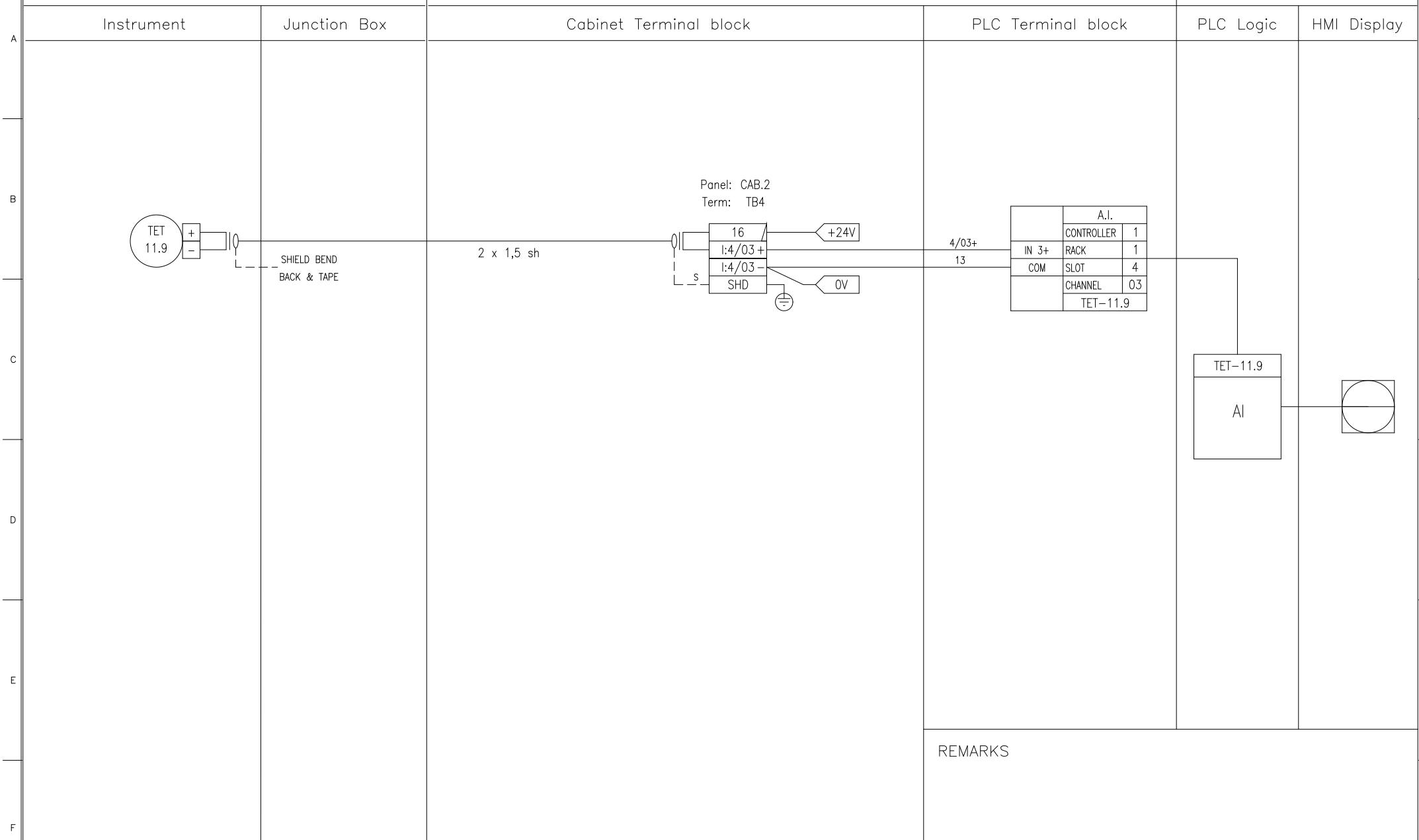
sheet 142  
143 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010				
					desig. GC				
0	ISSUE FOR APPROVAL	02/2010	GC	check CM					
Rev.	Revision	Date	Name	stand. SPAC9.1					

SULPHUREX PLANT

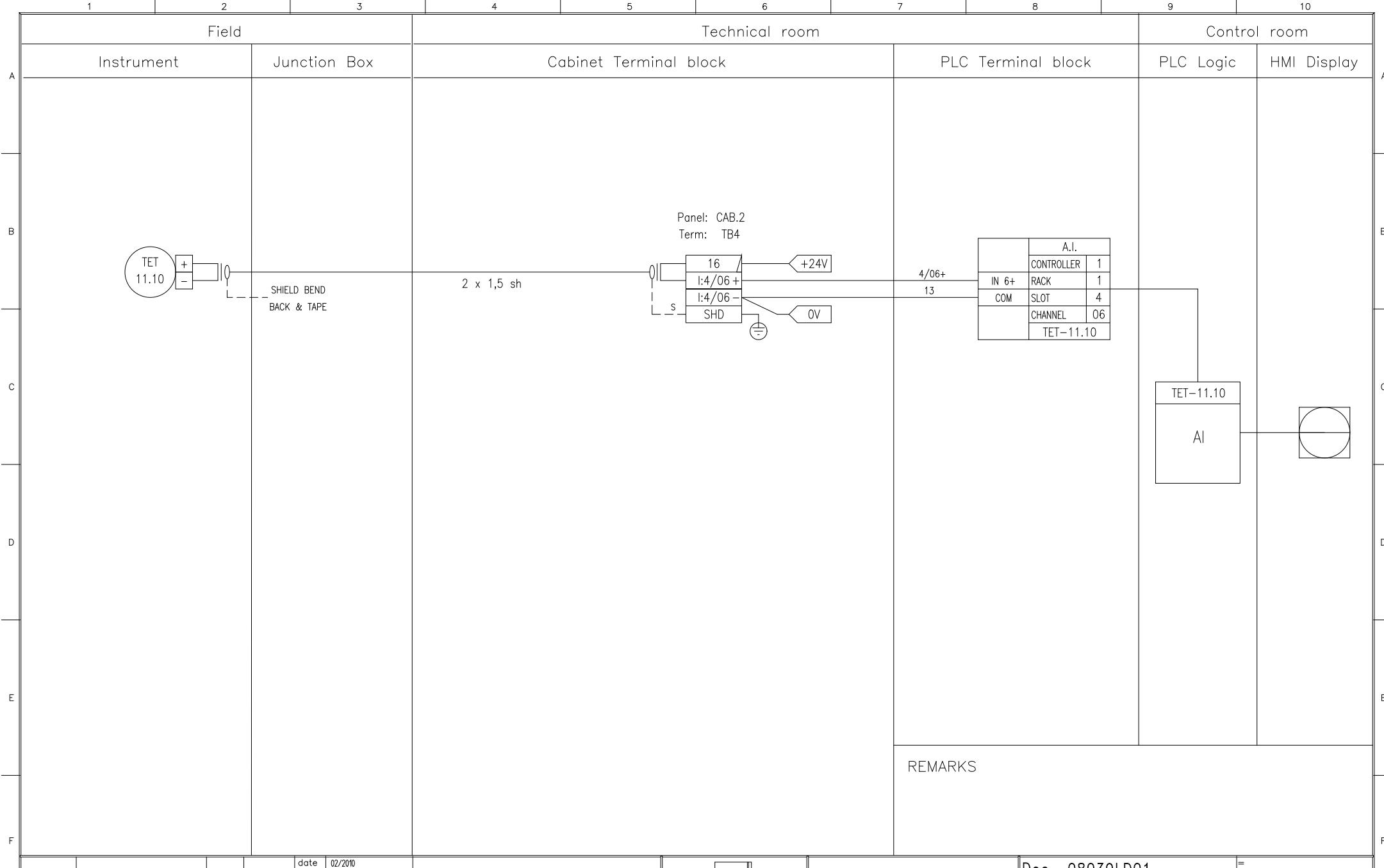


THERMO RESISTENCE TET-11.9  
drawing's title:

Doc. 08039LD01

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Job: 1E35 dwg. 1E35.85.002

sheet 143  
144 n.sh



UNI A3					date 02/2010
					desig. GC
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Rev.	Revision	Date	Name	stand. SPAC9.1	

SULPHUREX PLANT

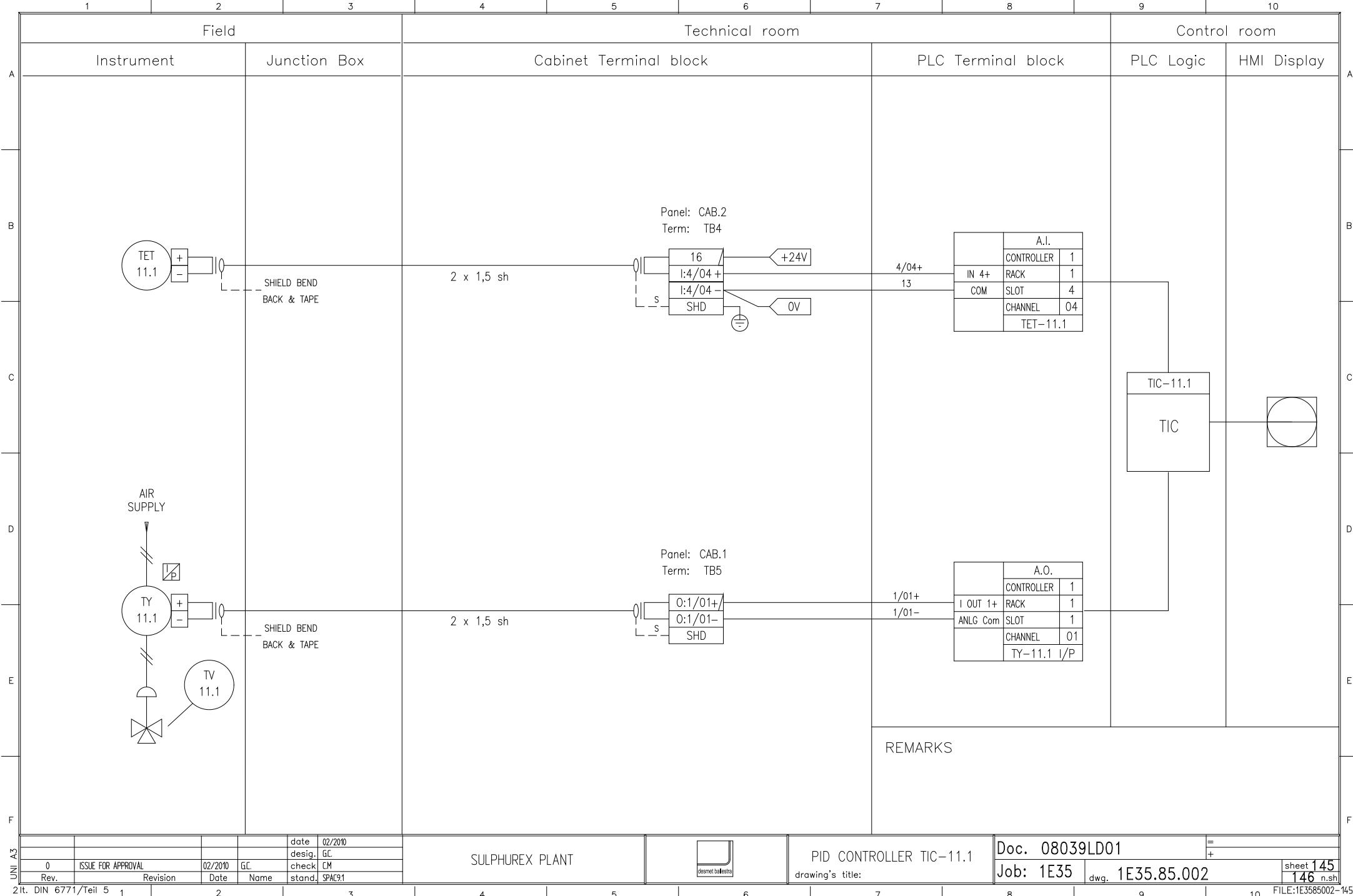


THERMO RESISTENCE TET-11.10  
drawing's title:

Doc. 08039LD01

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Job: 1E35 dwg. 1E35.85.002

sheet 144  
145 n.sh

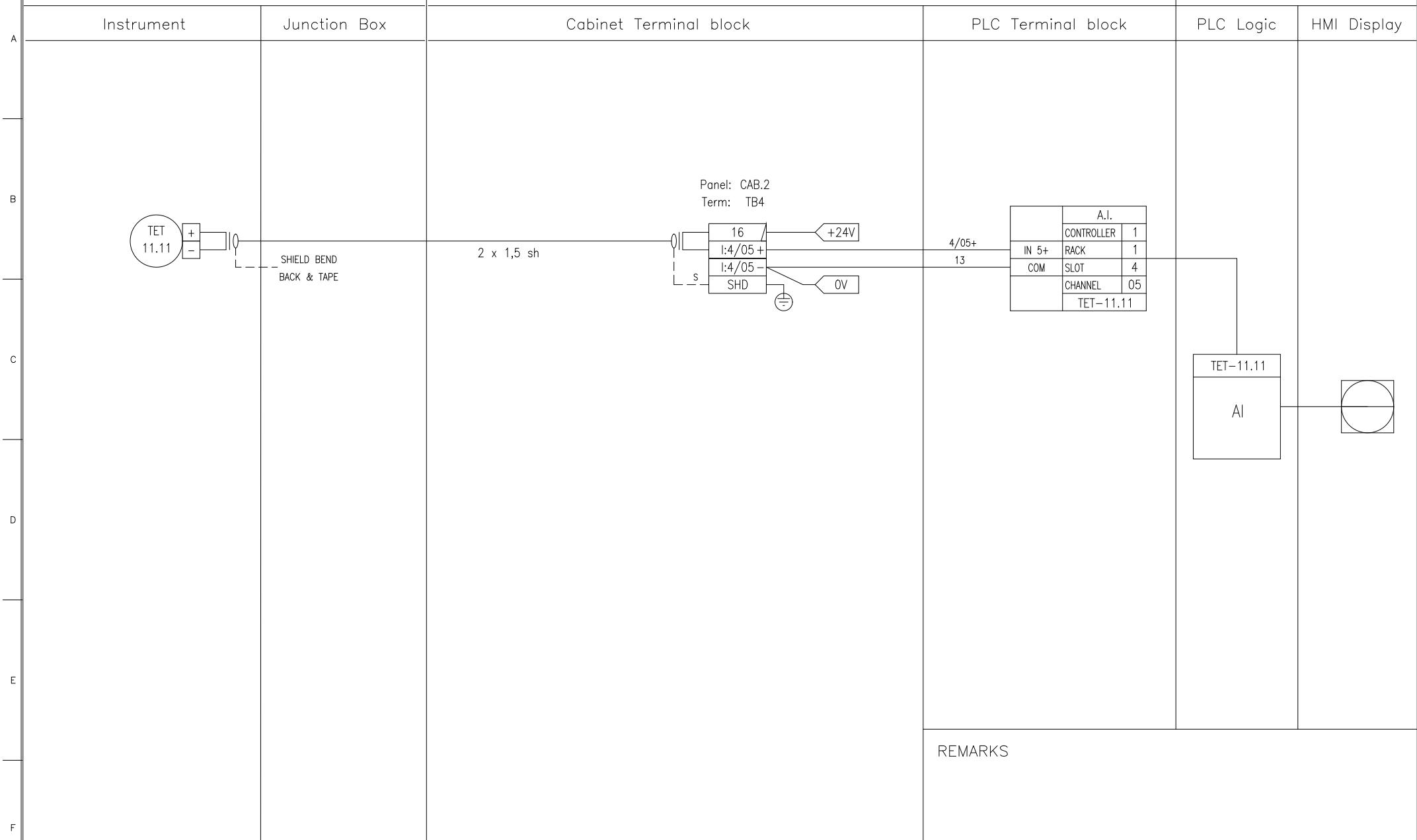


1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010				
					desig. GC				
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Rev.	Revision	Date	Name	stand. SPAC9.1					

SULPHUREX PLANT



THERMO RESISTENCE TET-11.11

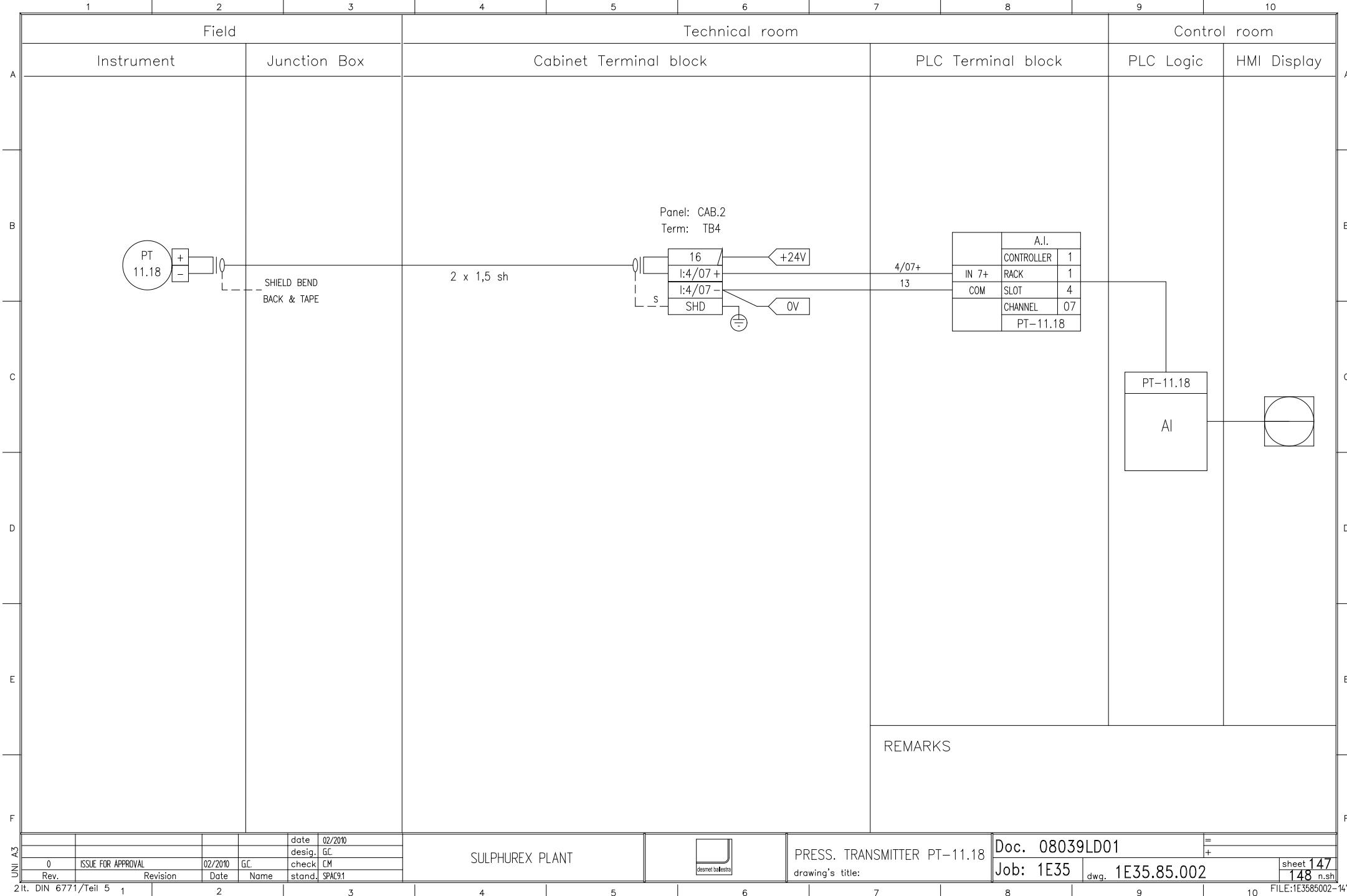
drawing's title:

Doc. 08039LD01

Job: 1E35 dwg. 1E35.85.002

sheet 146  
147 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E3585002-146

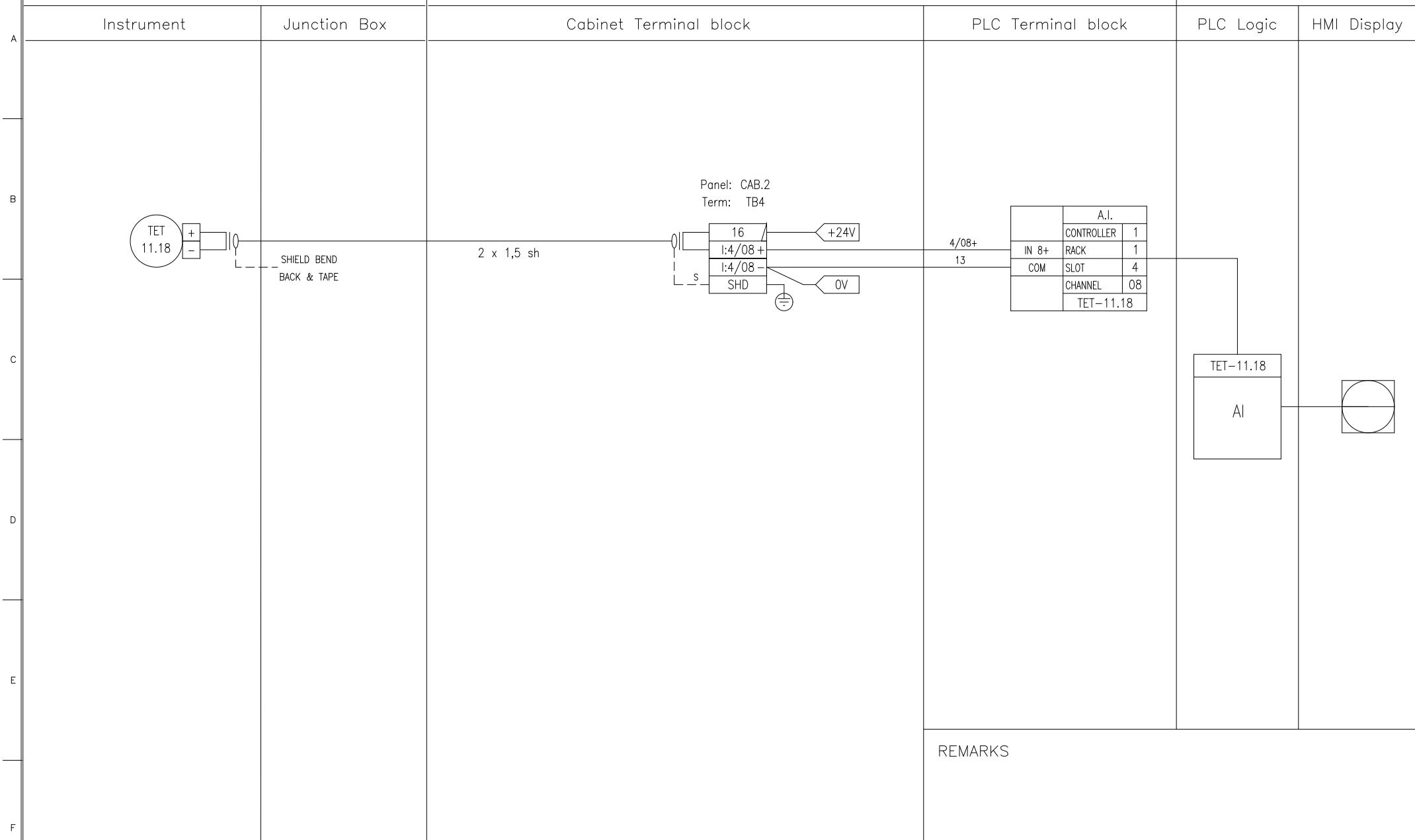


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Field

Technical room

Control room



UNI A3					date 02/2010				
					desig. GC				
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Rev.	Revision	Date	Name	stand. SPAC9.1					

SULPHUREX PLANT



THERMO RESISTENCE TET-11.18

drawing's title:

Doc. 08039LD01

Job: 1E35 dwg. 1E35.85.002

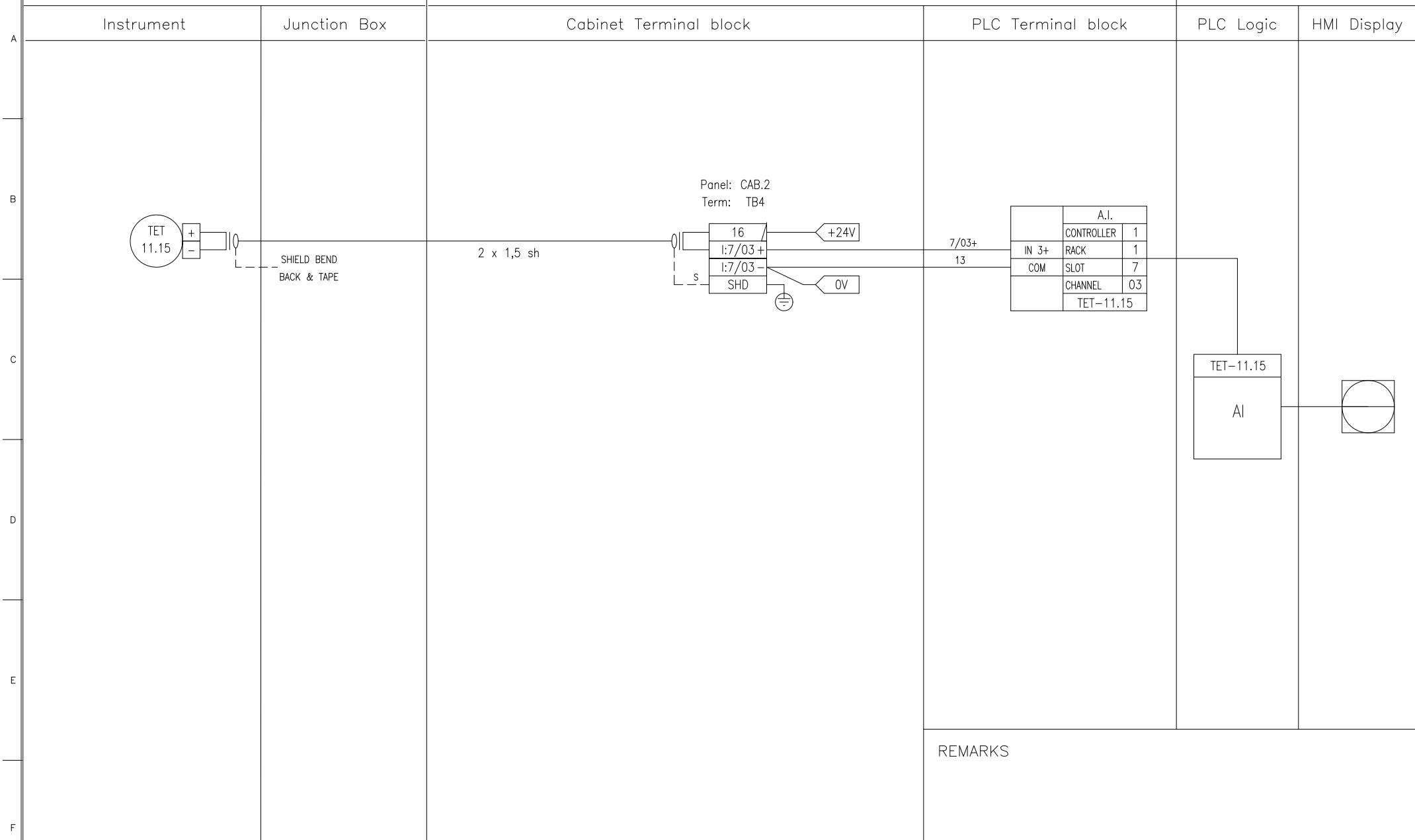
sheet 148  
149 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010				
					desig. GC				
0	ISSUE FOR APPROVAL	02/2010	GC	check CM					
Rev.	Revision	Date	Name	stand. SPAC9.1					

SULPHUREX PLANT



THERMO RESISTENCE TET-11.15  
drawing's title:

Doc. 08039LD01

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Job: 1E35 dwg. 1E35.85.002

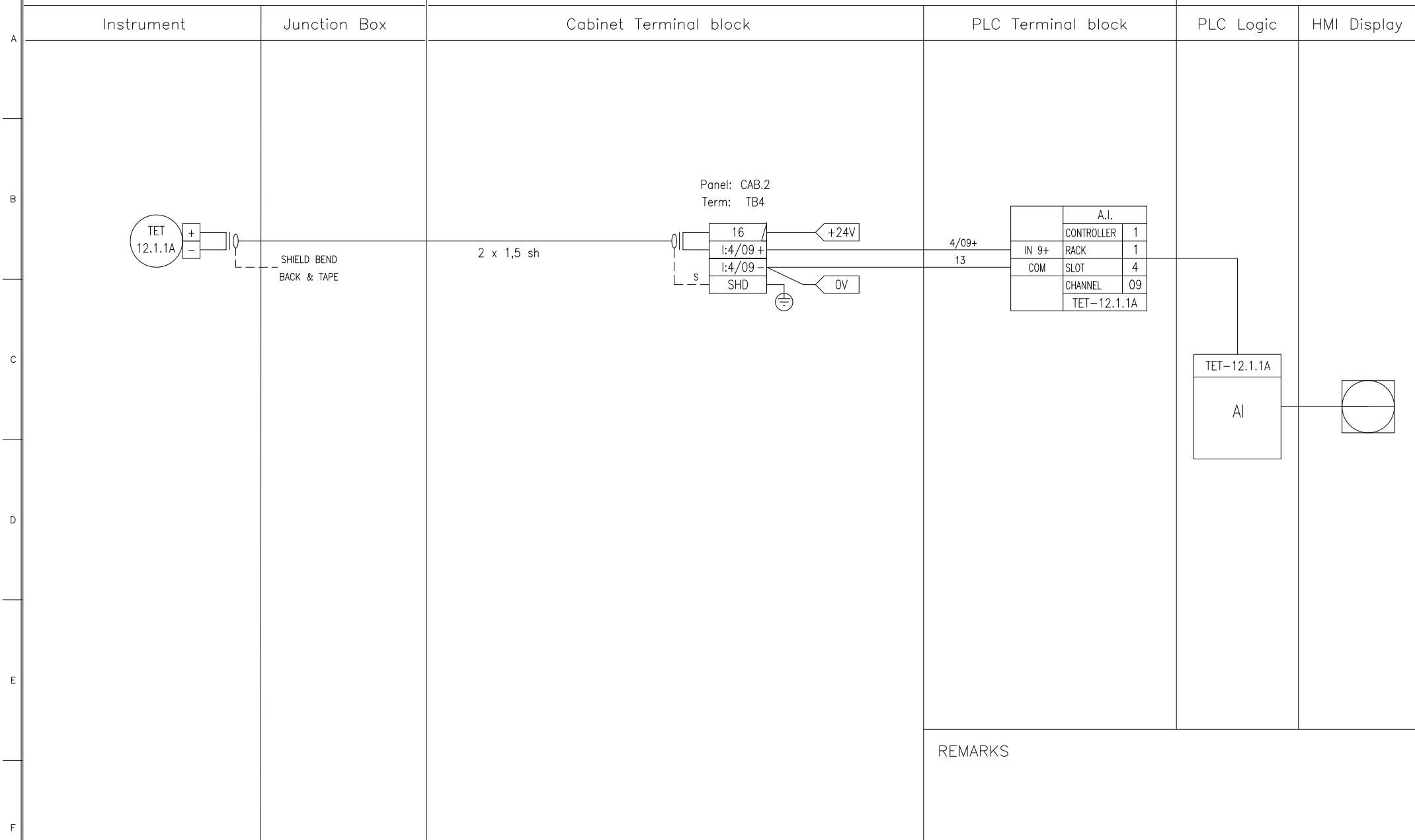
sheet 149  
150 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010				
					desig. GC				
0	ISSUE FOR APPROVAL	02/2010	GC	check CM					
Rev.	Revision	Date	Name	stand. SPAC9.1					

SULPHUREX PLANT



THERMO RESIST. TET-12.1.1A  
drawing's title:

Doc. 08039LD01

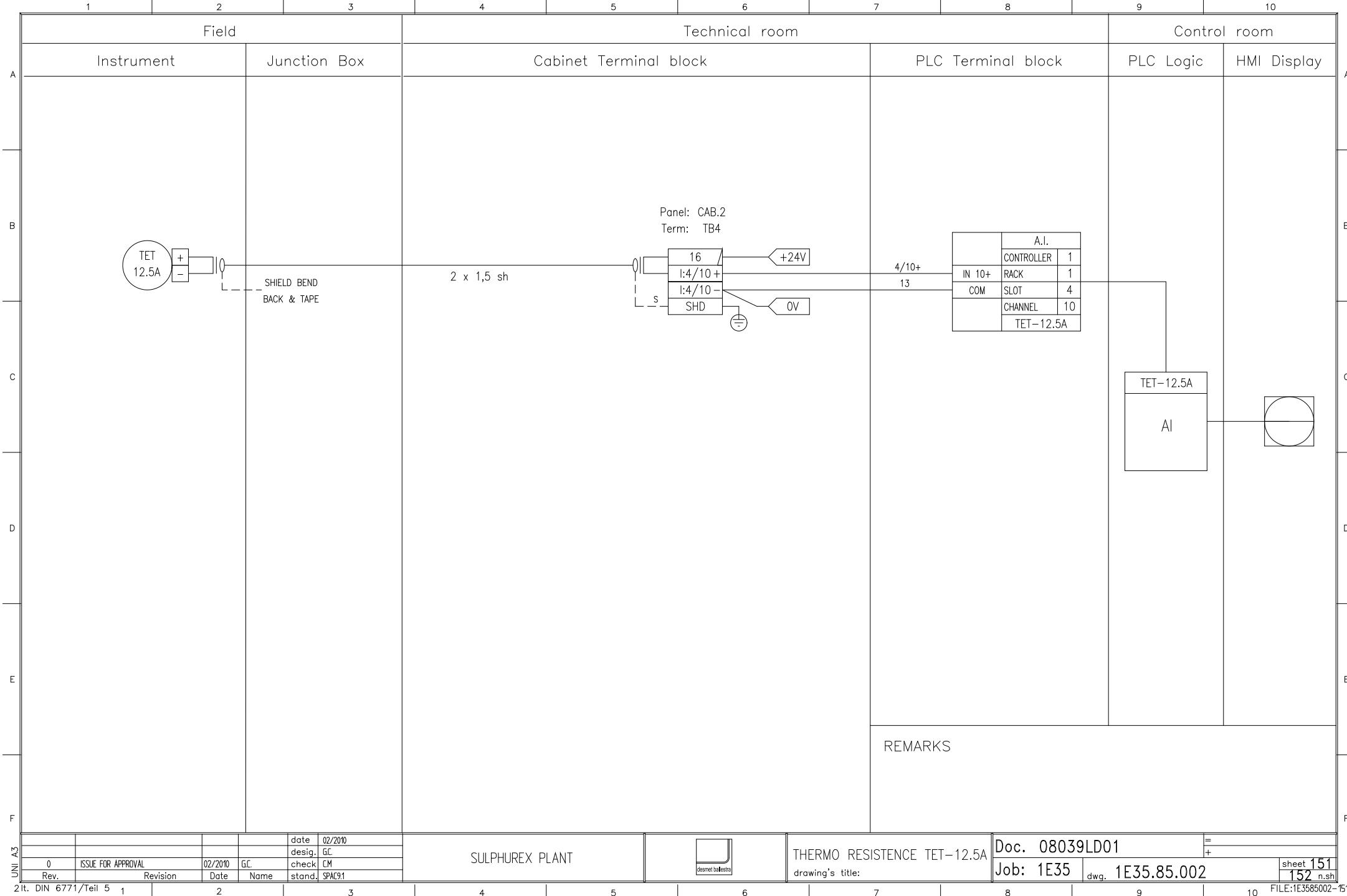
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sheet 150  
151 n.sh

Job: 1E35 dwg. 1E35.85.002

FILE:1E3585002-150

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-150

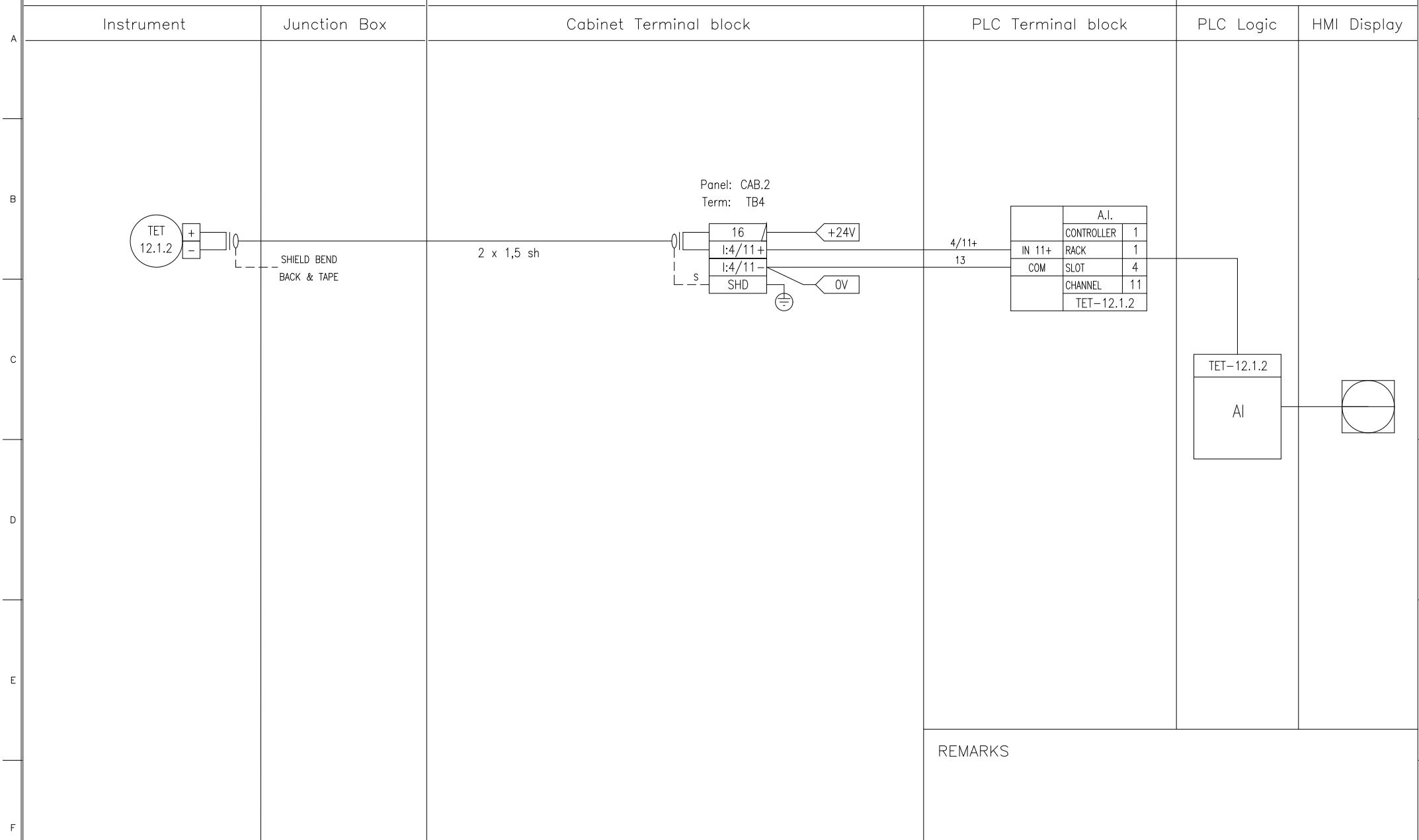


1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010				
					desig. GC				
0	ISSUE FOR APPROVAL	02/2010	GC	check CM					
Rev.	Revision	Date	Name	stand. SPAC9.1					

SULPHUREX PLANT



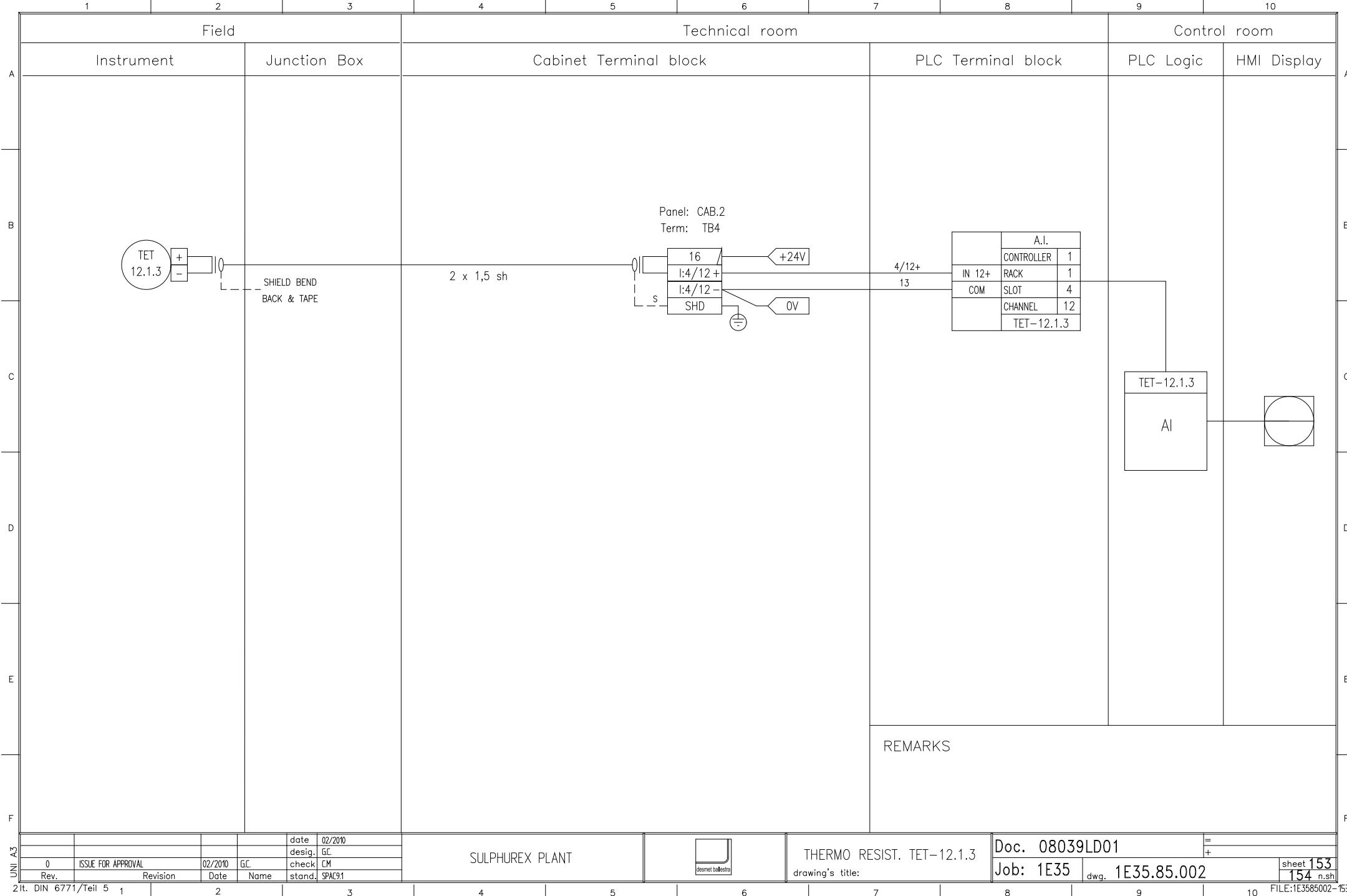
THERMO RESIST. TET-12.1.2  
drawing's title:

Doc. 08039LD01

Job: 1E35 dwg. 1E35.85.002

sheet 152  
153 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-152

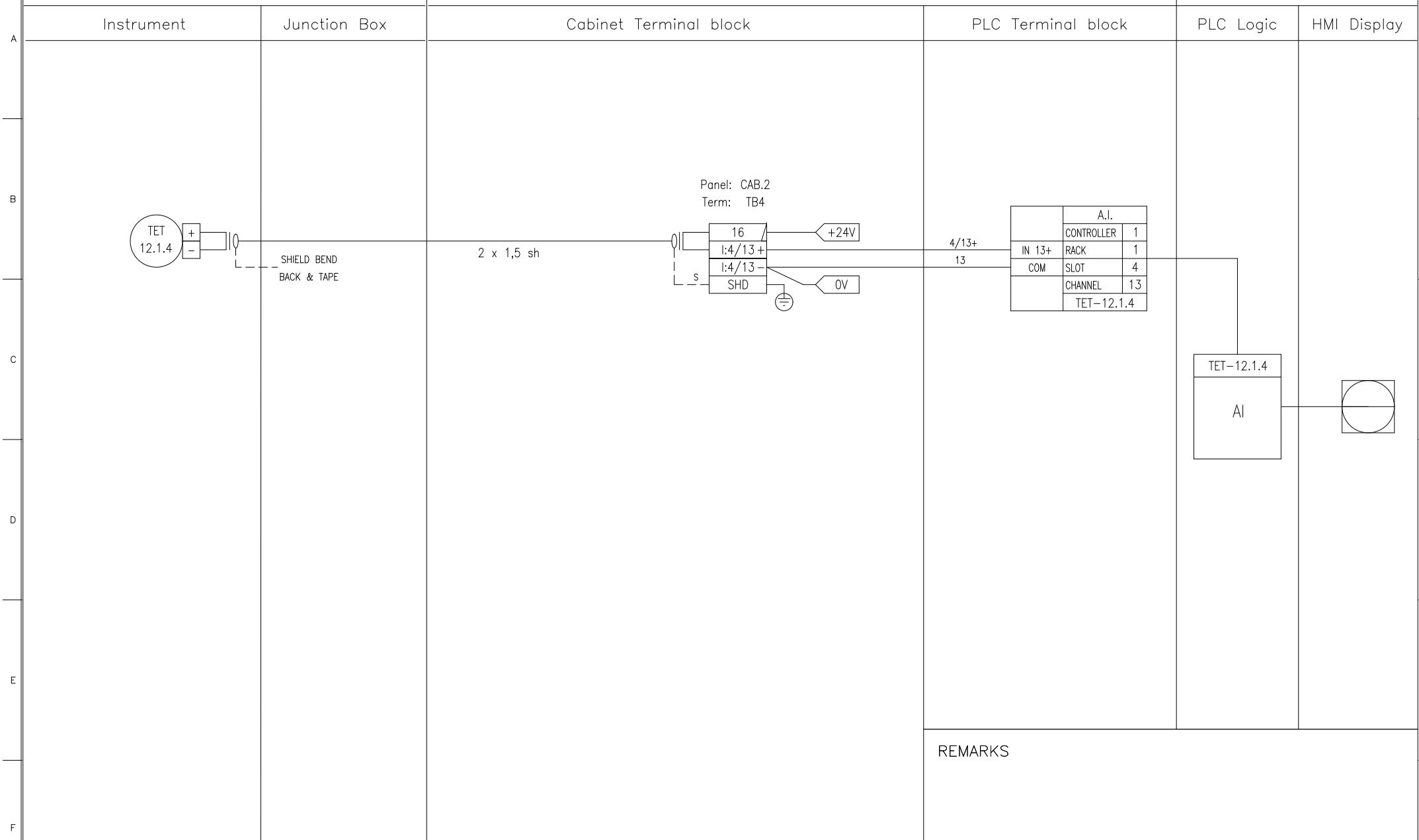


1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand. SPAC9.1	

SULPHUREX PLANT



THERMO RESIST. TET-12.1.4  
drawing's title:

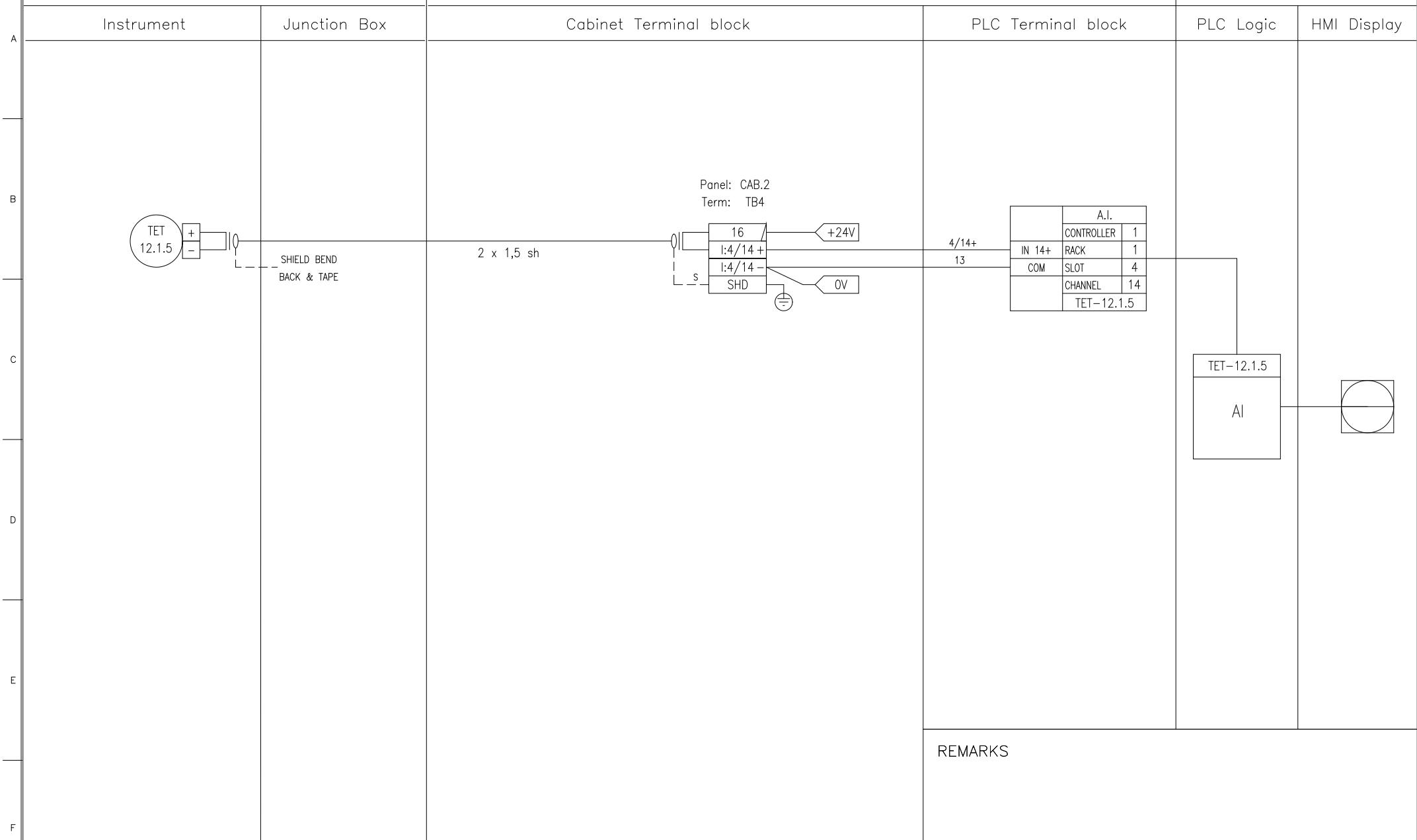
Doc. 08039LD01  
Job: 1E35 dwg. 1E35.85.002  
sheet 154  
155 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010				
					desig. GC				
0	ISSUE FOR APPROVAL	02/2010	GC	check CM					
Rev.	Revision	Date	Name	stand. SPAC9.1					

SULPHUREX PLANT



THERMO RESIST. TET-12.1.5  
drawing's title:

Doc. 08039LD01

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Job: 1E35 dwg. 1E35.85.002

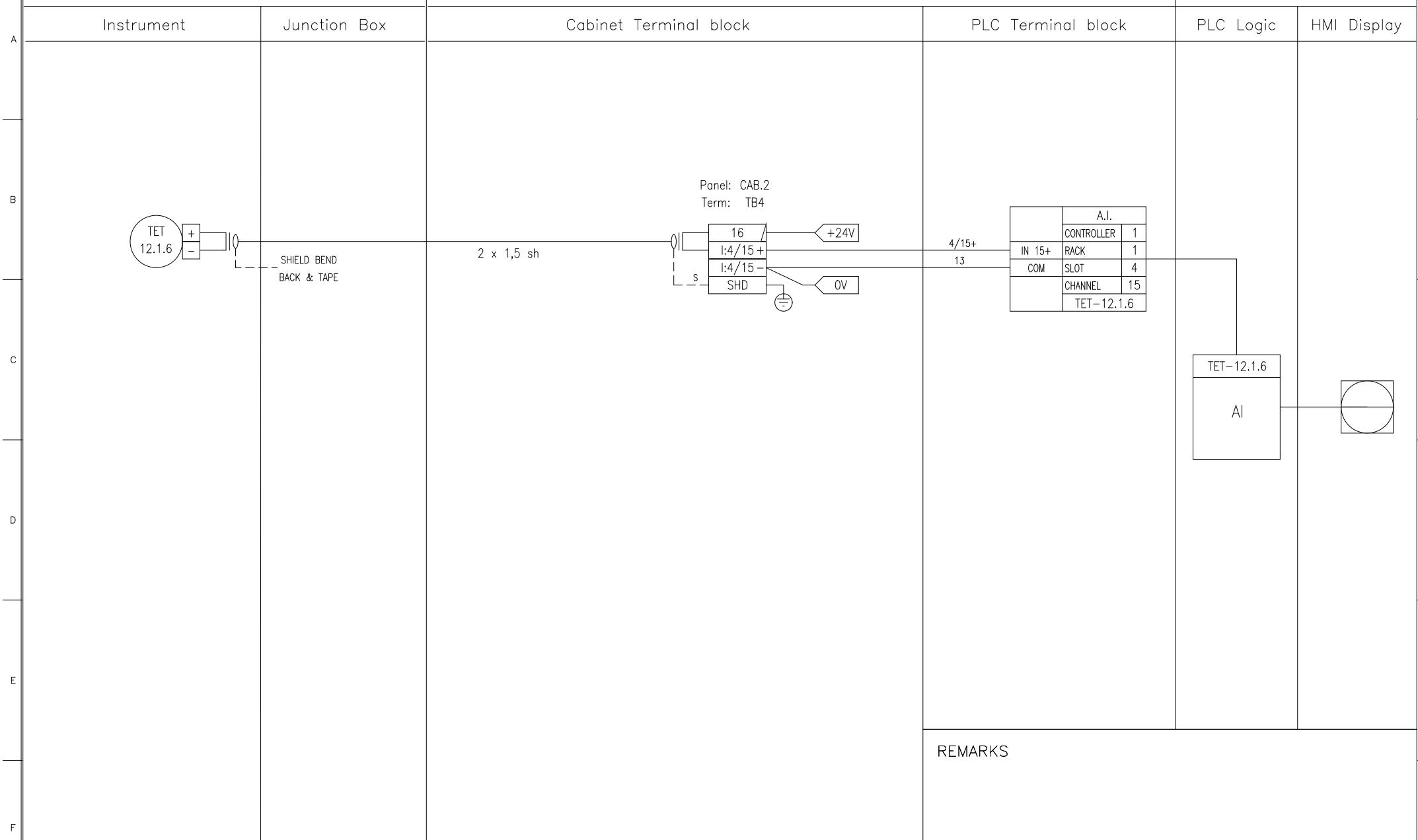
sheet 155  
156 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010				
					desig. GC				
0	ISSUE FOR APPROVAL	02/2010	GC	check CM					
Rev.	Revision	Date	Name	stand. SPAC9.1					

SULPHUREX PLANT



THERMO RESIST. TET-12.1.6  
drawing's title:

Doc. 08039LD01

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Job: 1E35 dwg. 1E35.85.002

sheet 156  
157 n.sh

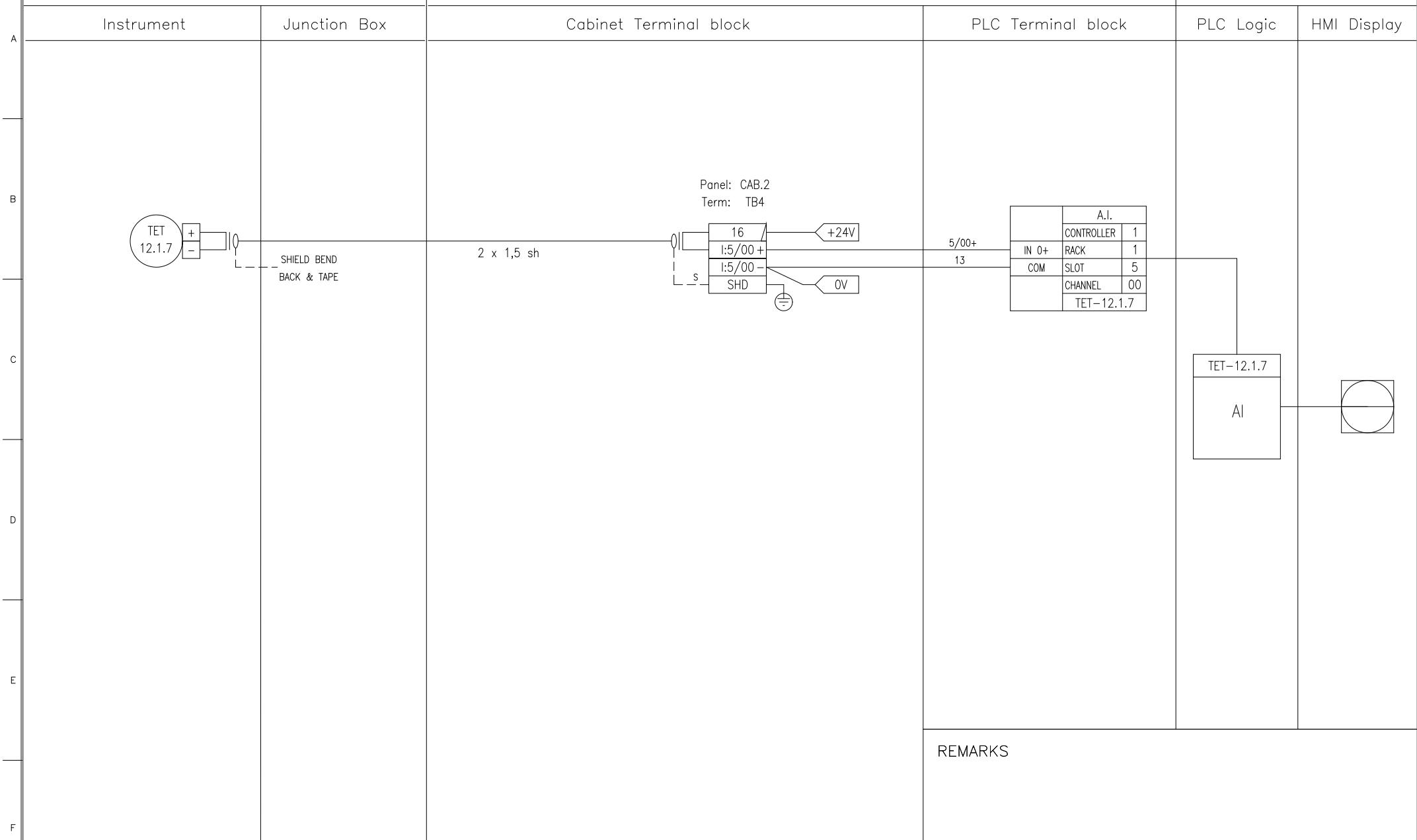
2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E3585002-156

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010				
					desig. GC				
0	ISSUE FOR APPROVAL	02/2010	GC	check CM					
Rev.	Revision	Date	Name	stand. SPAC9.1					

SULPHUREX PLANT



THERMO RESIST. TET-12.1.7  
drawing's title:

Doc. 08039LD01

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sheet 157  
158 n.sh

Job: 1E35 dwg. 1E35.85.002

FILE:1E3585002-157

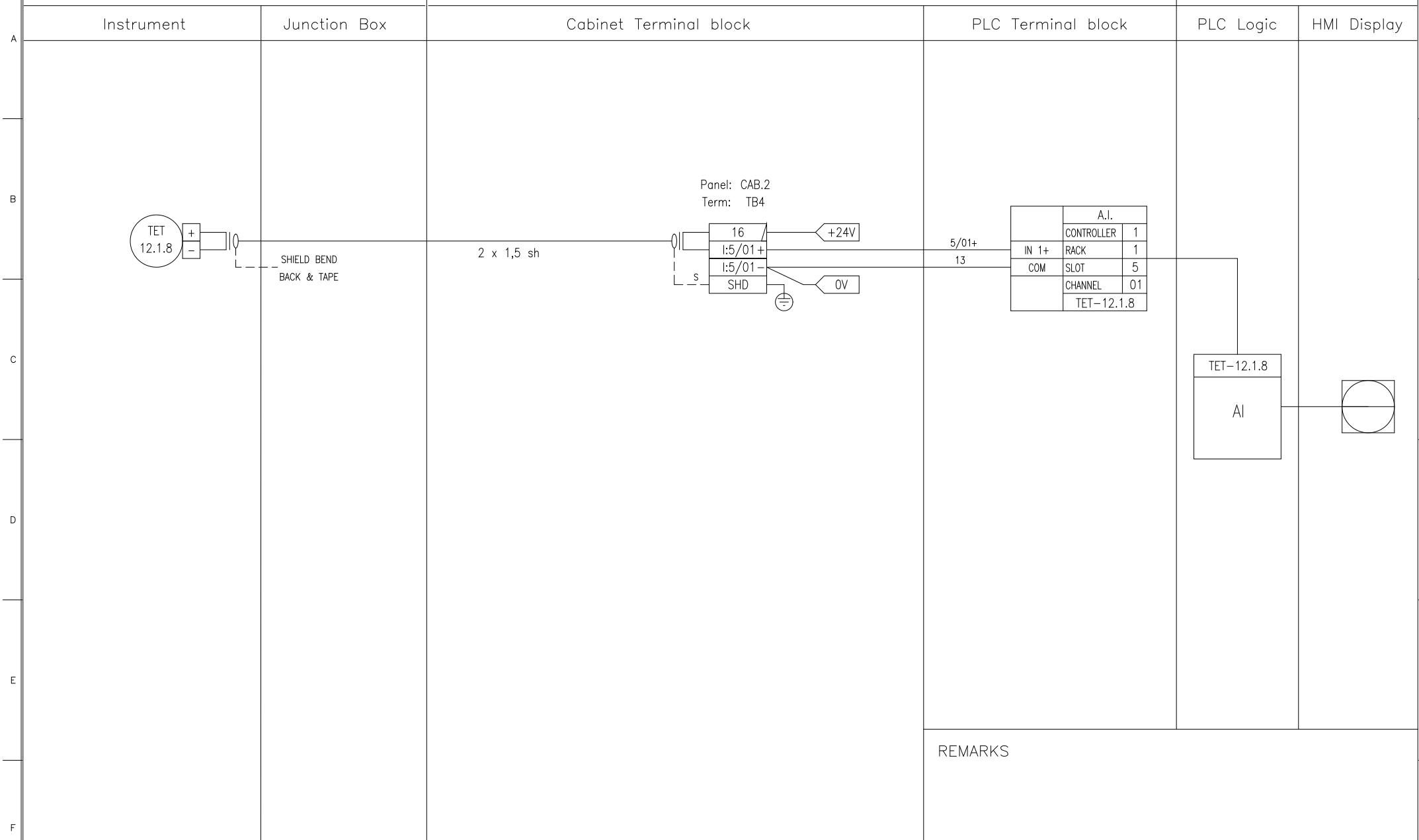
2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E3585002-157

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010				
					desig. GC				
0	ISSUE FOR APPROVAL	02/2010	GC	check CM					
Rev.	Revision	Date	Name	stand. SPAC9.1					

SULPHUREX PLANT



THERMO RESIST. TET-12.1.8  
drawing's title:

Doc. 08039LD01

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Job: 1E35 dwg. 1E35.85.002

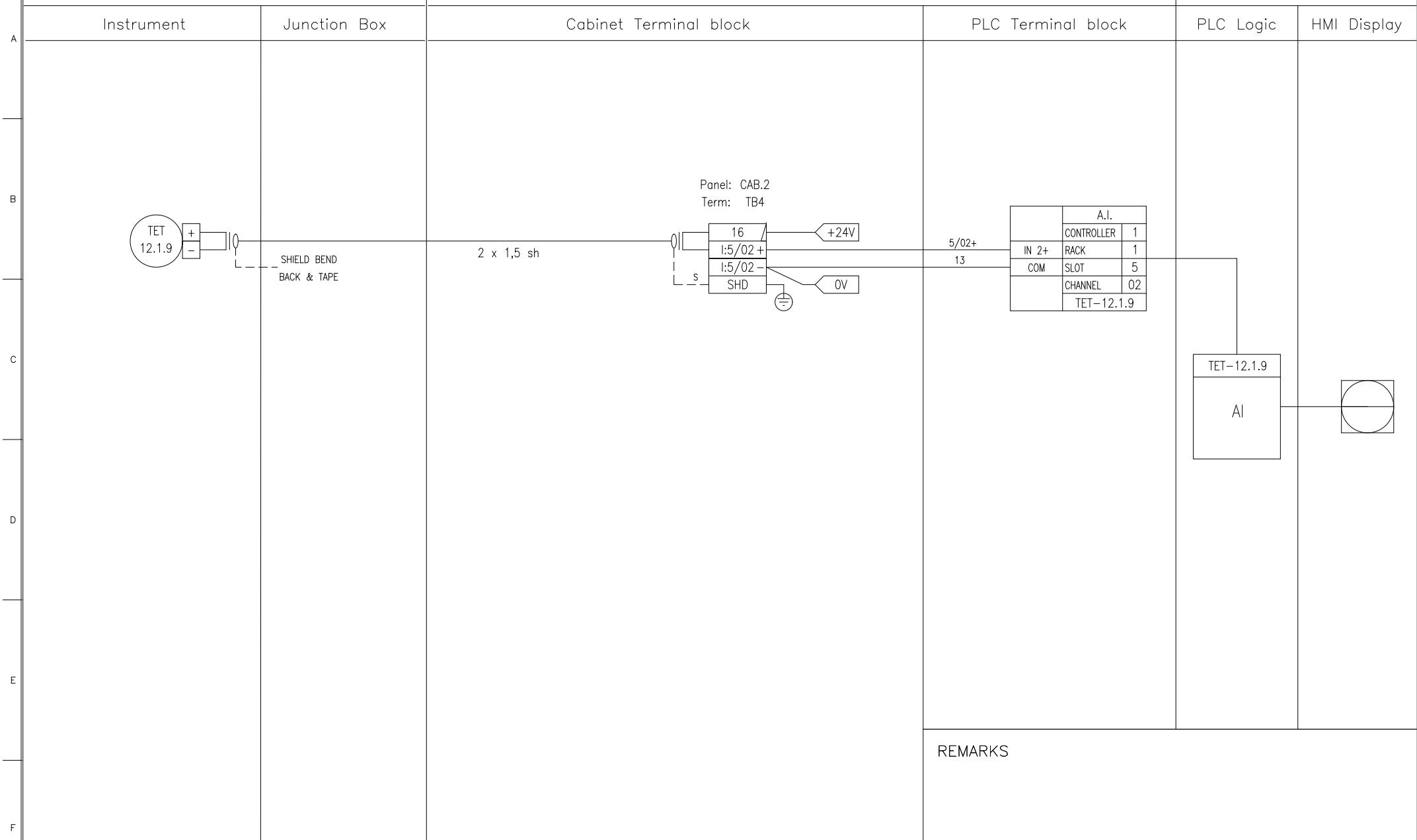
sheet 158  
159 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010				
					desig. GC				
0	ISSUE FOR APPROVAL	02/2010	GC	check CM					
Rev.	Revision	Date	Name	stand. SPAC9.1					

SULPHUREX PLANT



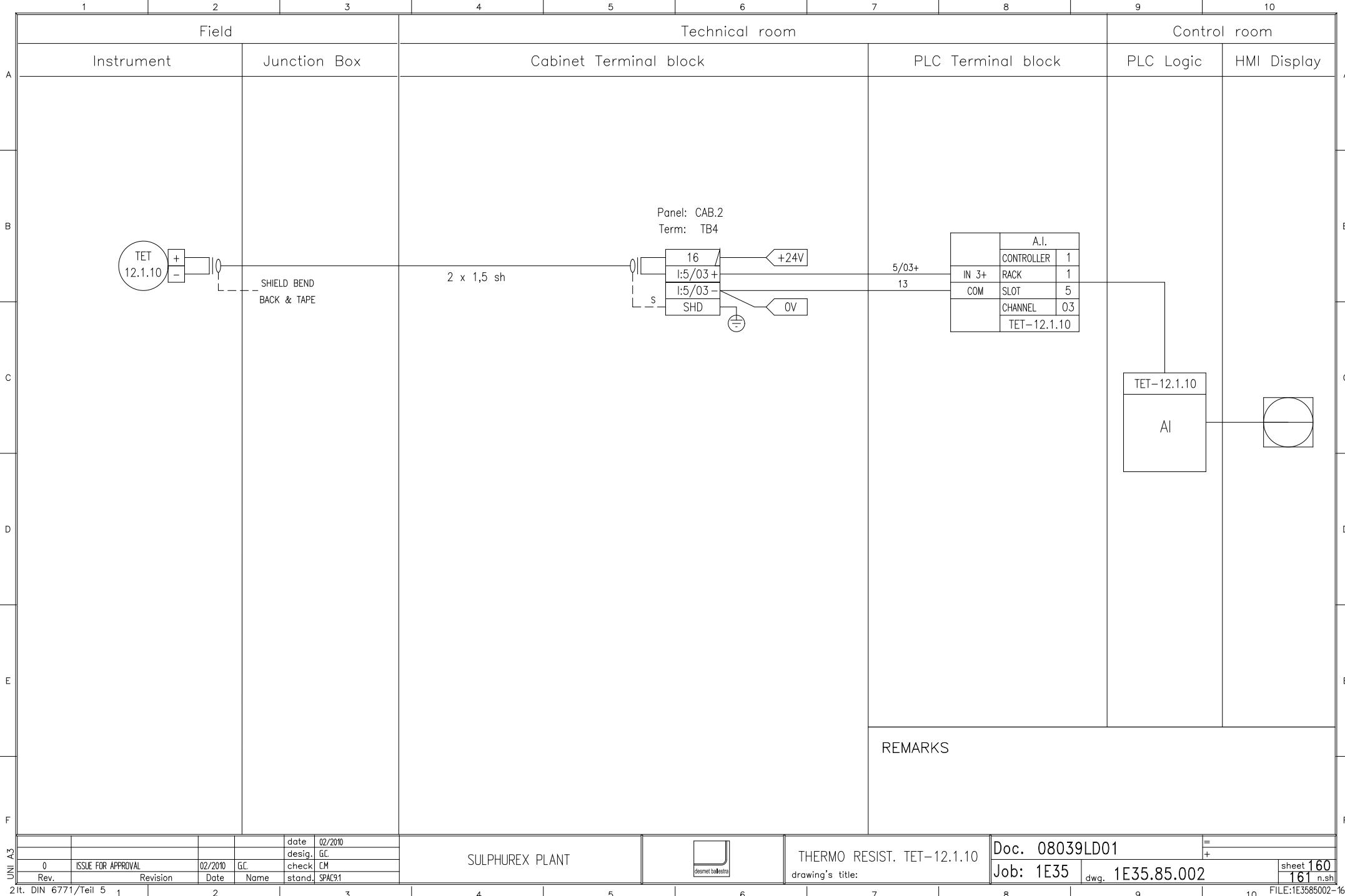
THERMO RESIST. TET-12.1.9  
drawing's title:

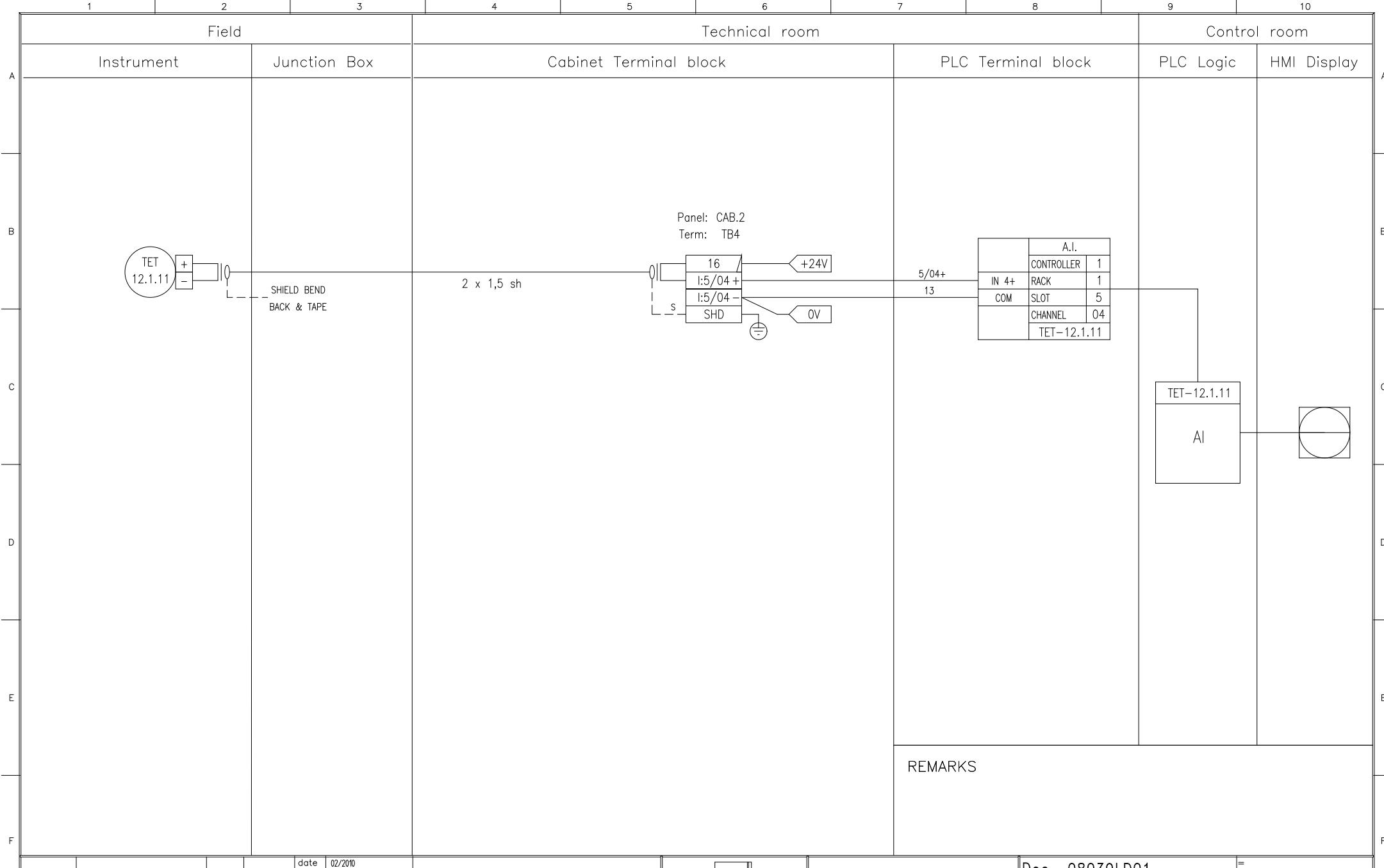
Doc. 08039LD01

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Job: 1E35 dwg. 1E35.85.002

sheet 159  
160 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-159





UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand. SPAC9.1	

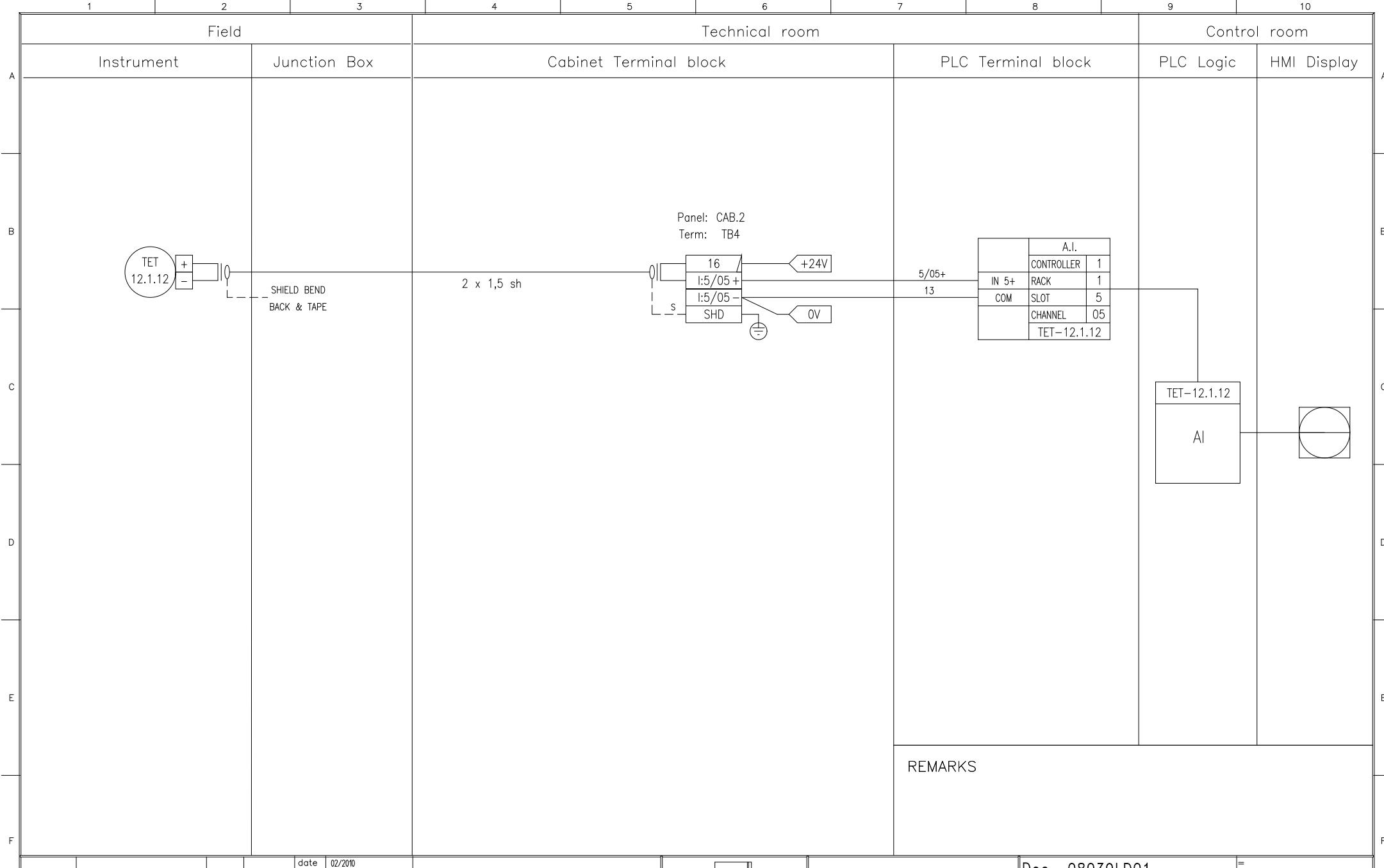
SULPHUREX PLANT

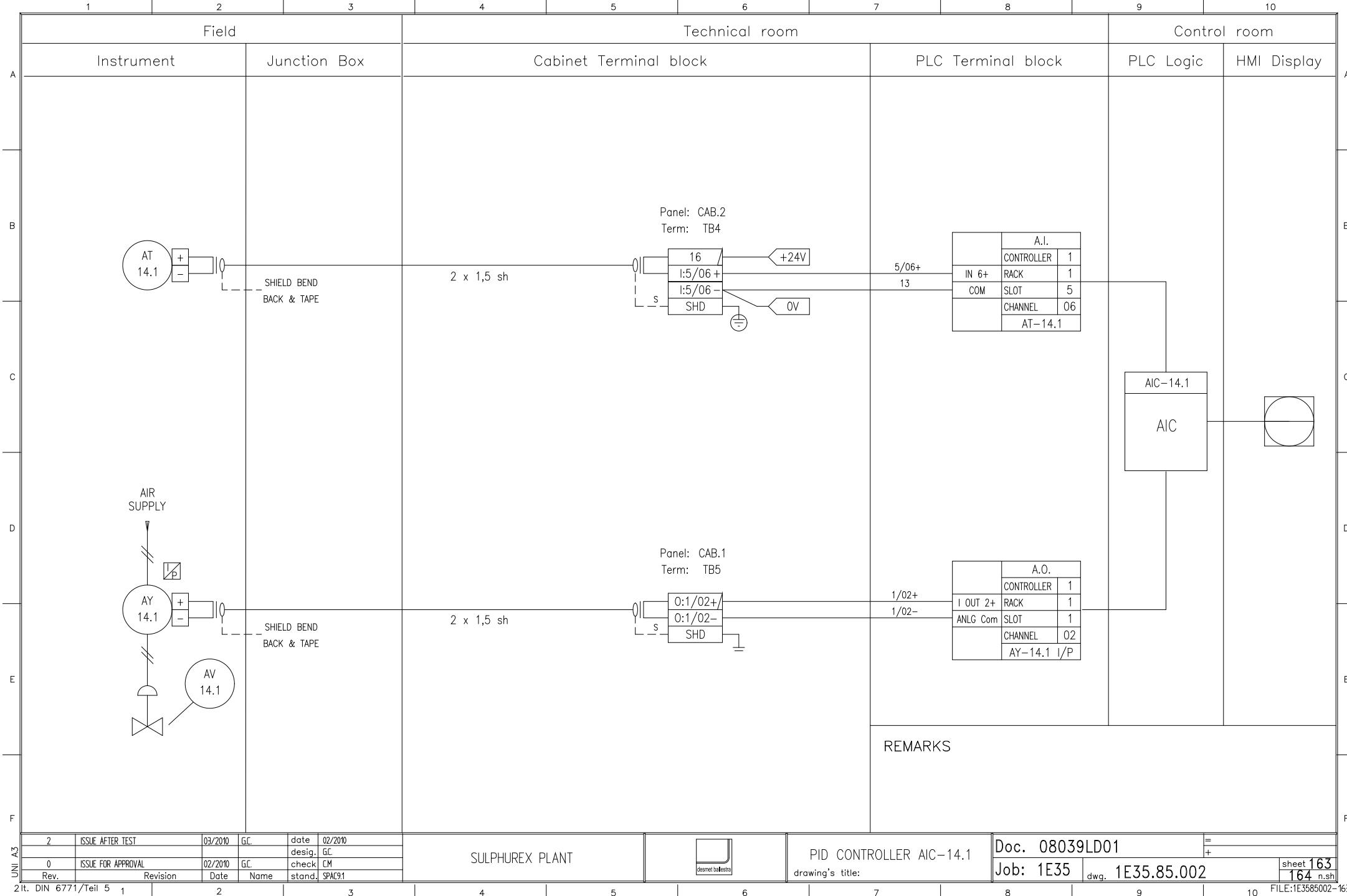


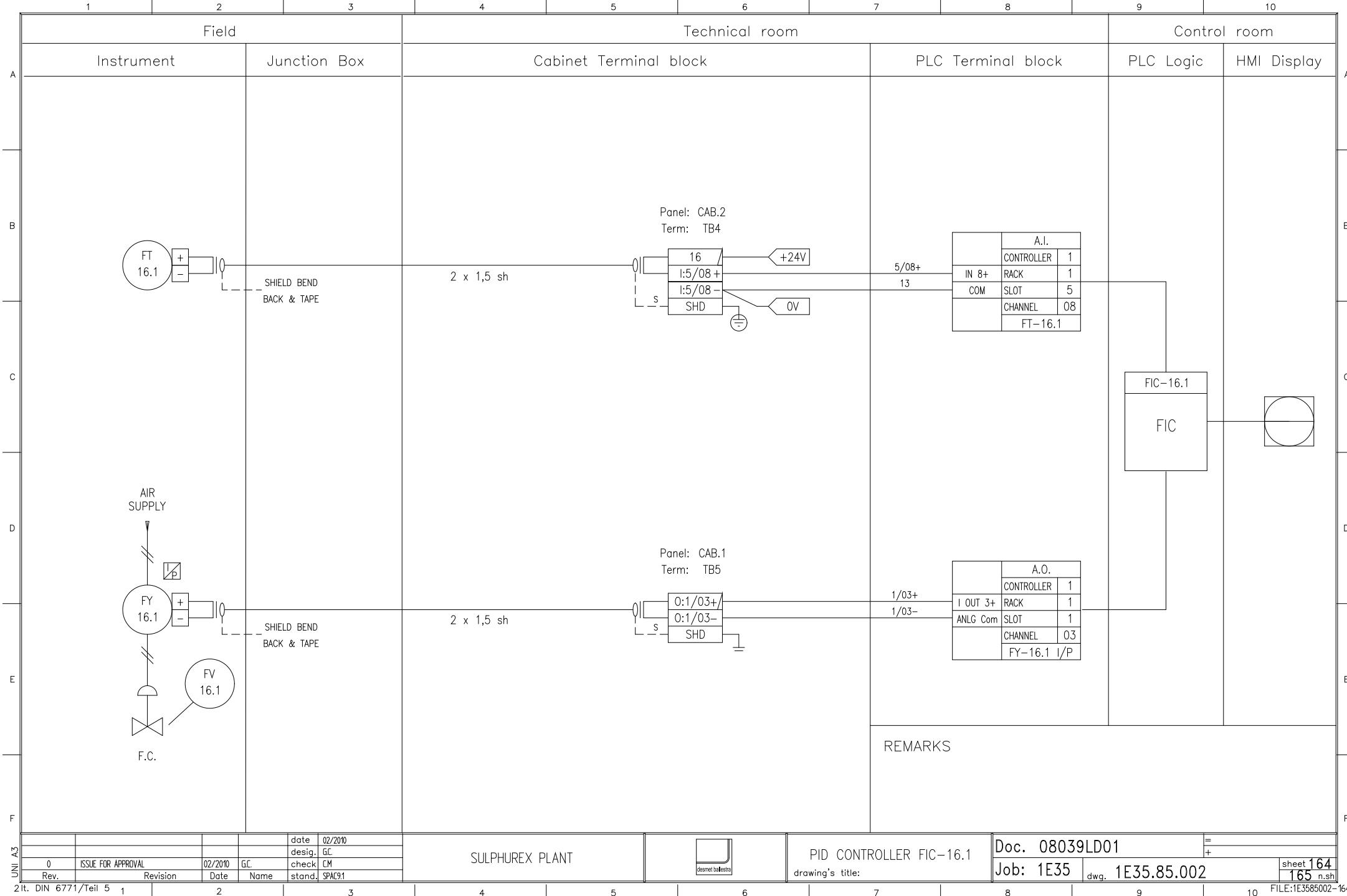
THERMO RESIST. TET-12.1.11  
drawing's title:

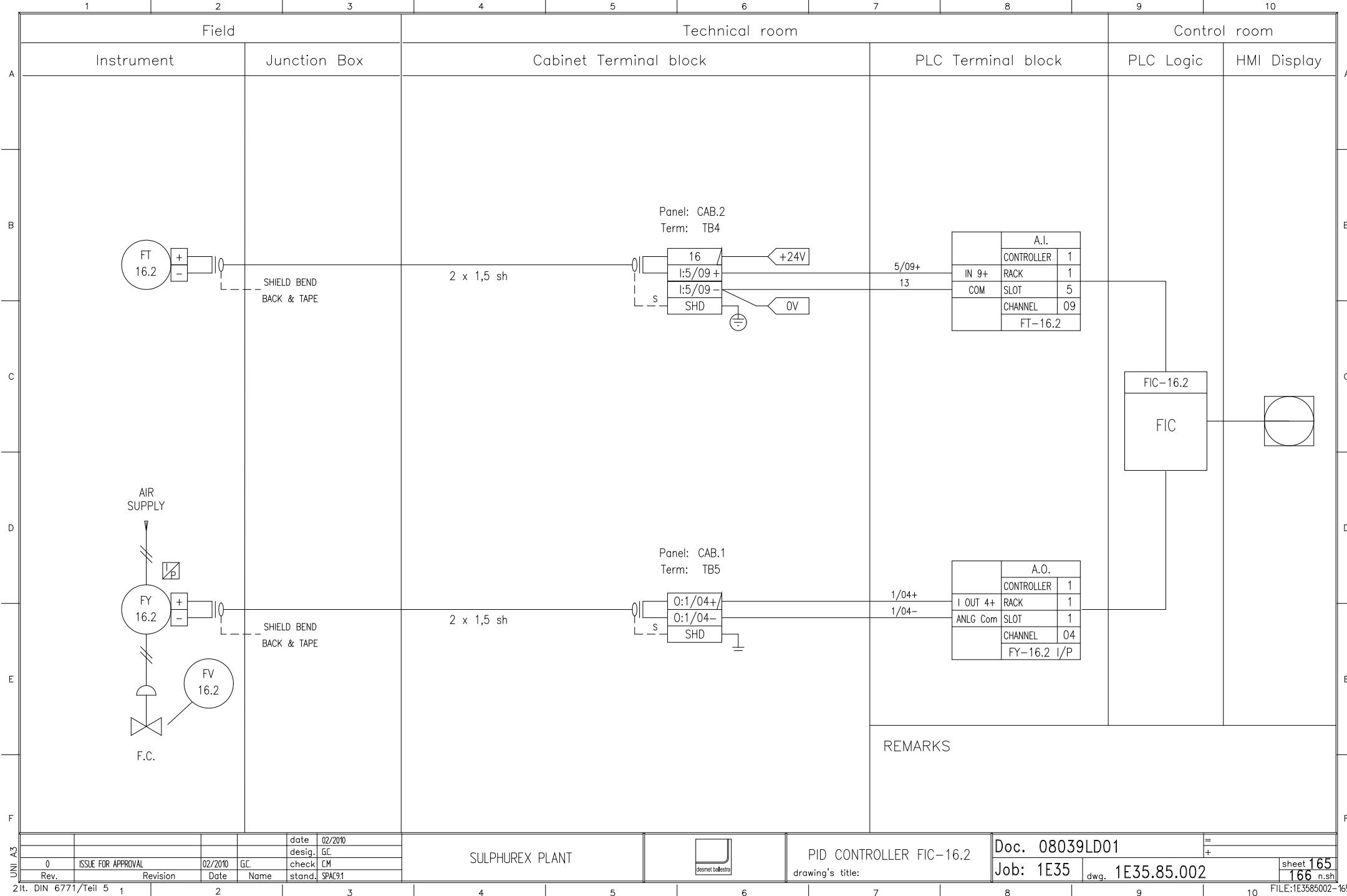
Doc. 08039LD01  
Job: 1E35 dwg. 1E35.85.002

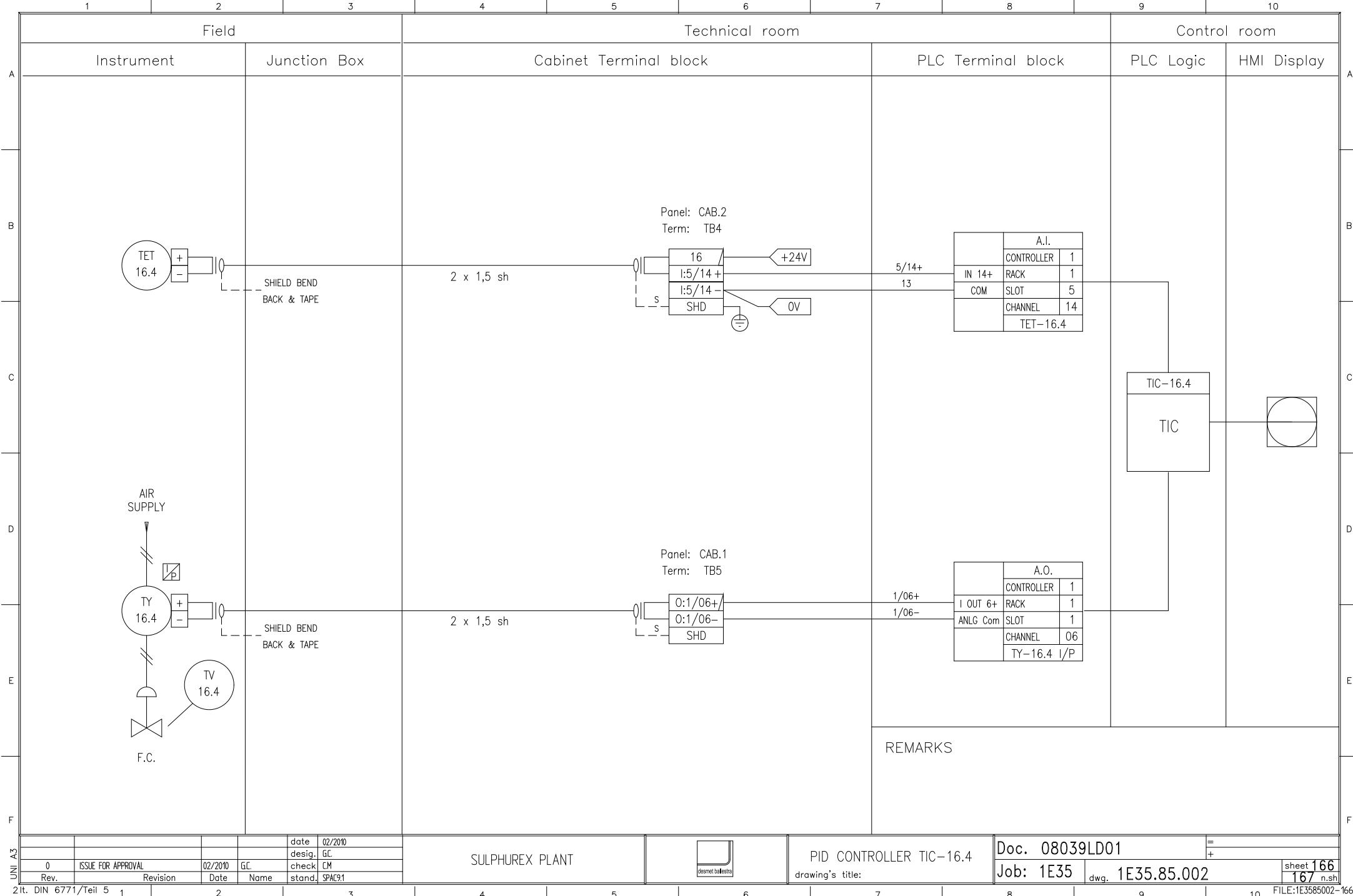
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sheet 161  
162 n.sh









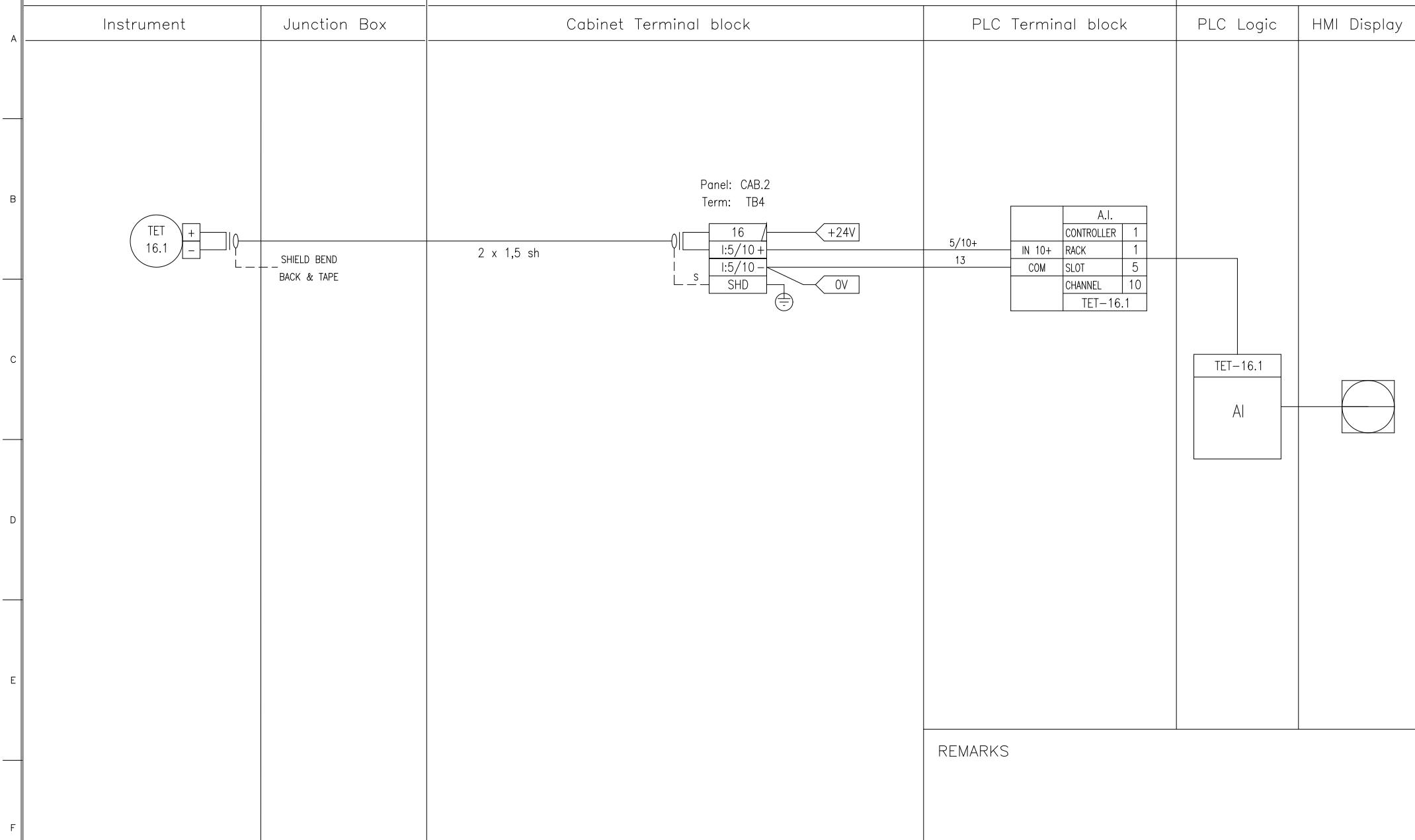


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Field

Technical room

Control room



UNI A3					date 02/2010				
					desig. GC				
0	ISSUE FOR APPROVAL	02/2010	GC	check CM					
Rev.	Revision	Date	Name	stand. SPAC9.1					

SULPHUREX PLANT



THERMO RESISTENCE TET-16.1  
 drawing's title:

Doc. 08039LD01

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 Job: 1E35 dwg. 1E35.85.002

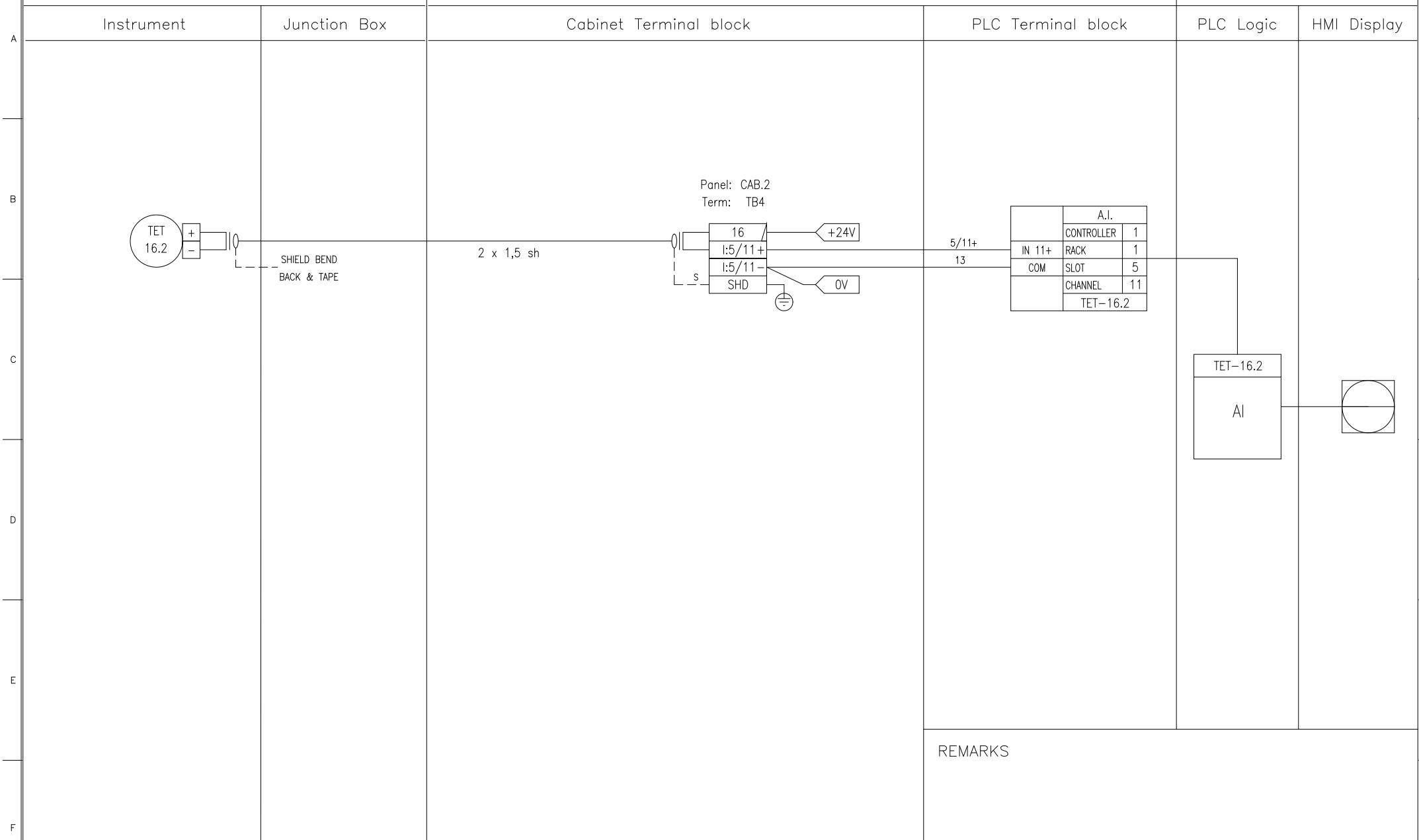
sheet 167  
 168 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010				
					desig. GC				
0	ISSUE FOR APPROVAL	02/2010	GC	check CM					
Rev.	Revision	Date	Name	stand. SPAC9.1					

SULPHUREX PLANT



THERMO RESISTENCE TET-16.2  
drawing's title:

Doc. 08039LD01

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Job: 1E35 dwg. 1E35.85.002

sheet 168  
169 n.sh

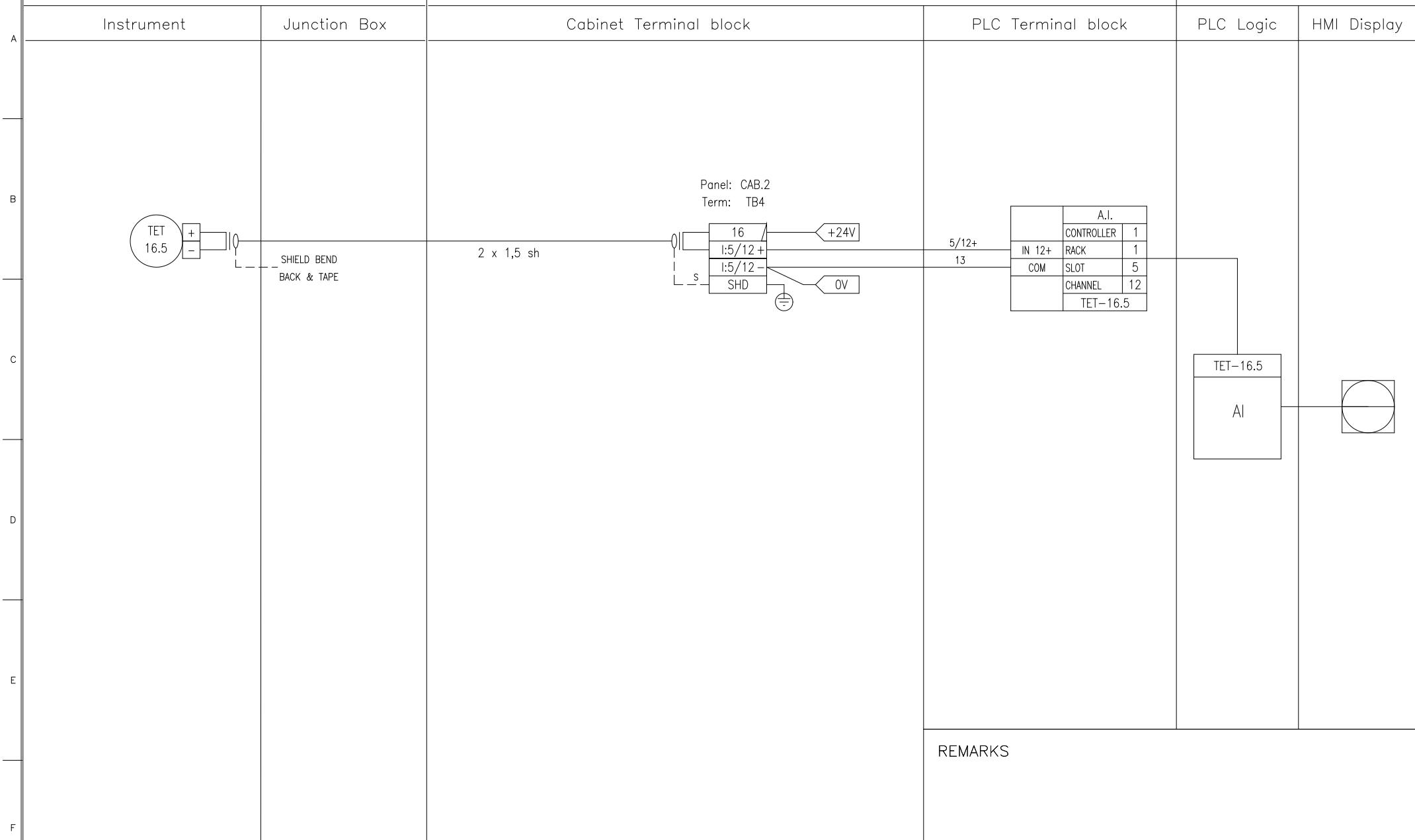
2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E3585002-168

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010				
					desig. GC				
0	ISSUE FOR APPROVAL	02/2010	GC	check CM					
Rev.	Revision	Date	Name	stand. SPAC9.1					

SULPHUREX PLANT



THERMO RESISTENCE TET-16.5  
 drawing's title:

Doc. 08039LD01

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 Job: 1E35 dwg. 1E35.85.002

sheet 169  
 170 n.sh

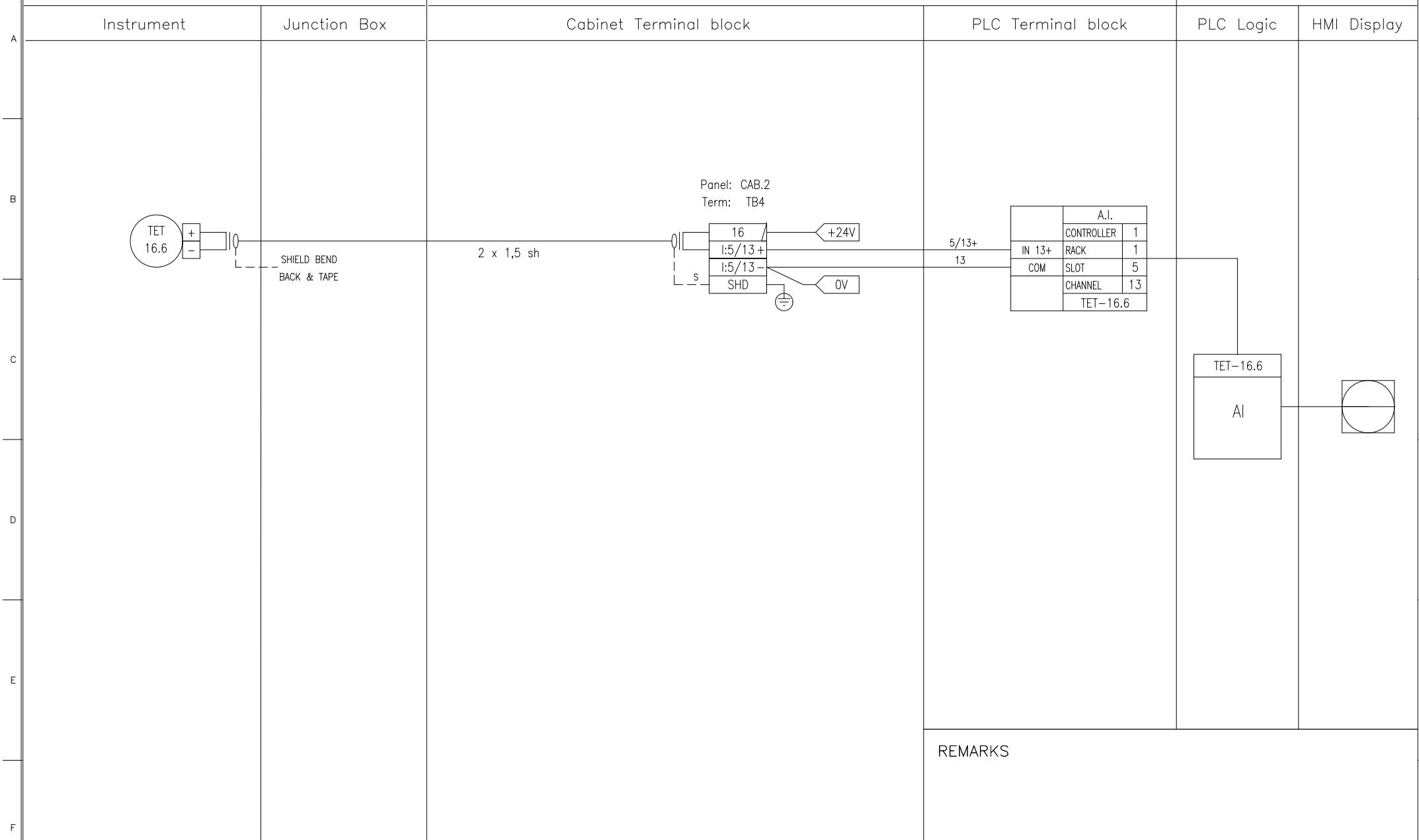
2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E3585002-169

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

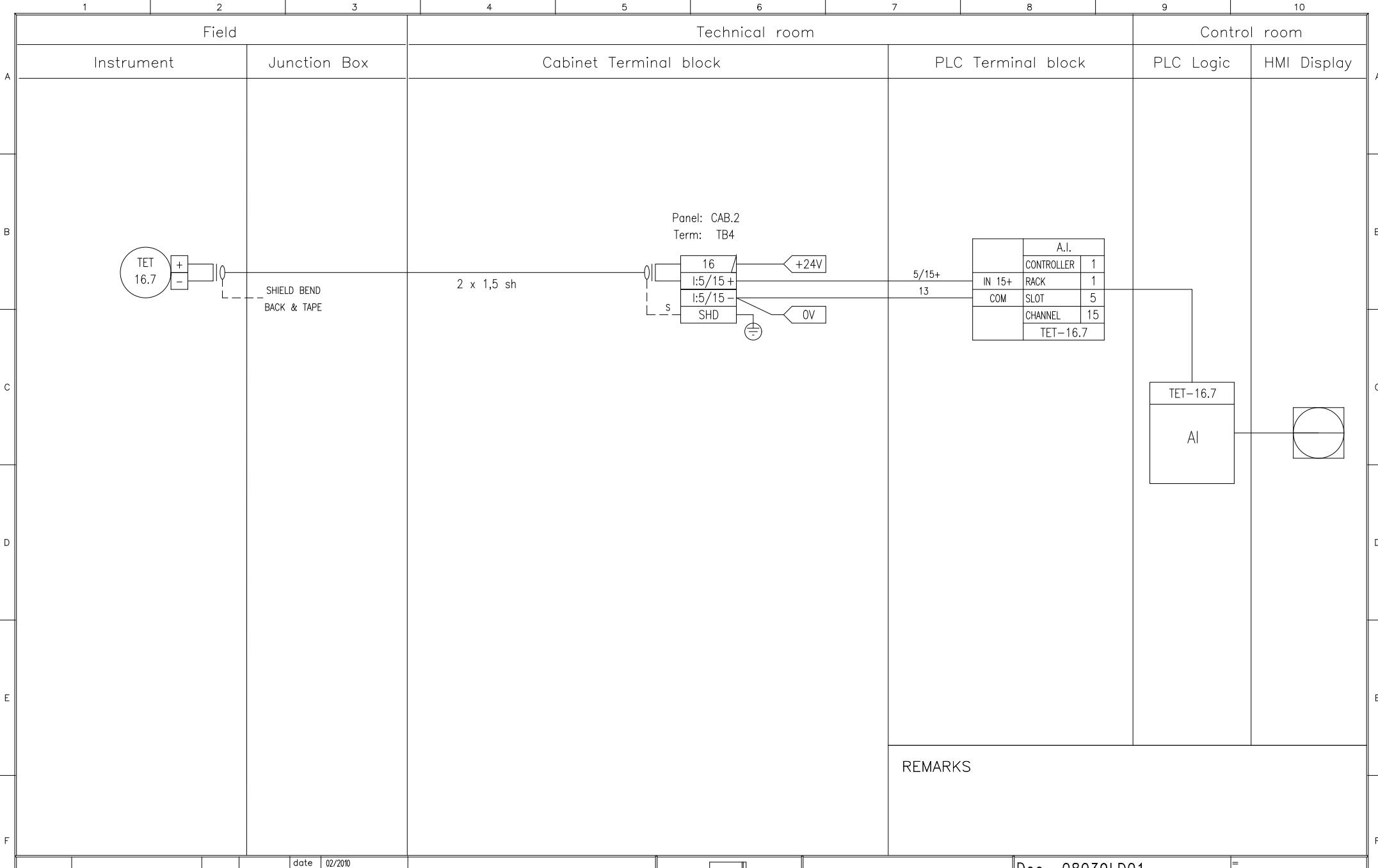
Field

Technical room

Control room



UNI A3				date 02/2010			Doc. 08039LD01	=
				desig. GC				+
0	ISSUE FOR APPROVAL	02/2010	GC	check CM			Job: 1E35	
Rev.	Revision	Date	Name	stand. SPAC9.1			dwg. 1E35.85.002	sheet 170 171 n.sh



UNI A3					date	02/2010
					desig.	GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM		
Rev.	Revision	Date	Name	stand.	SPAC9.1	

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E3585002-171

SULPHUREX PLANT



THERMO RESISTENCE TET-16.7  
drawing's title:

Doc. 08039LD01

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Job: 1E35 dwg. 1E35.85.002

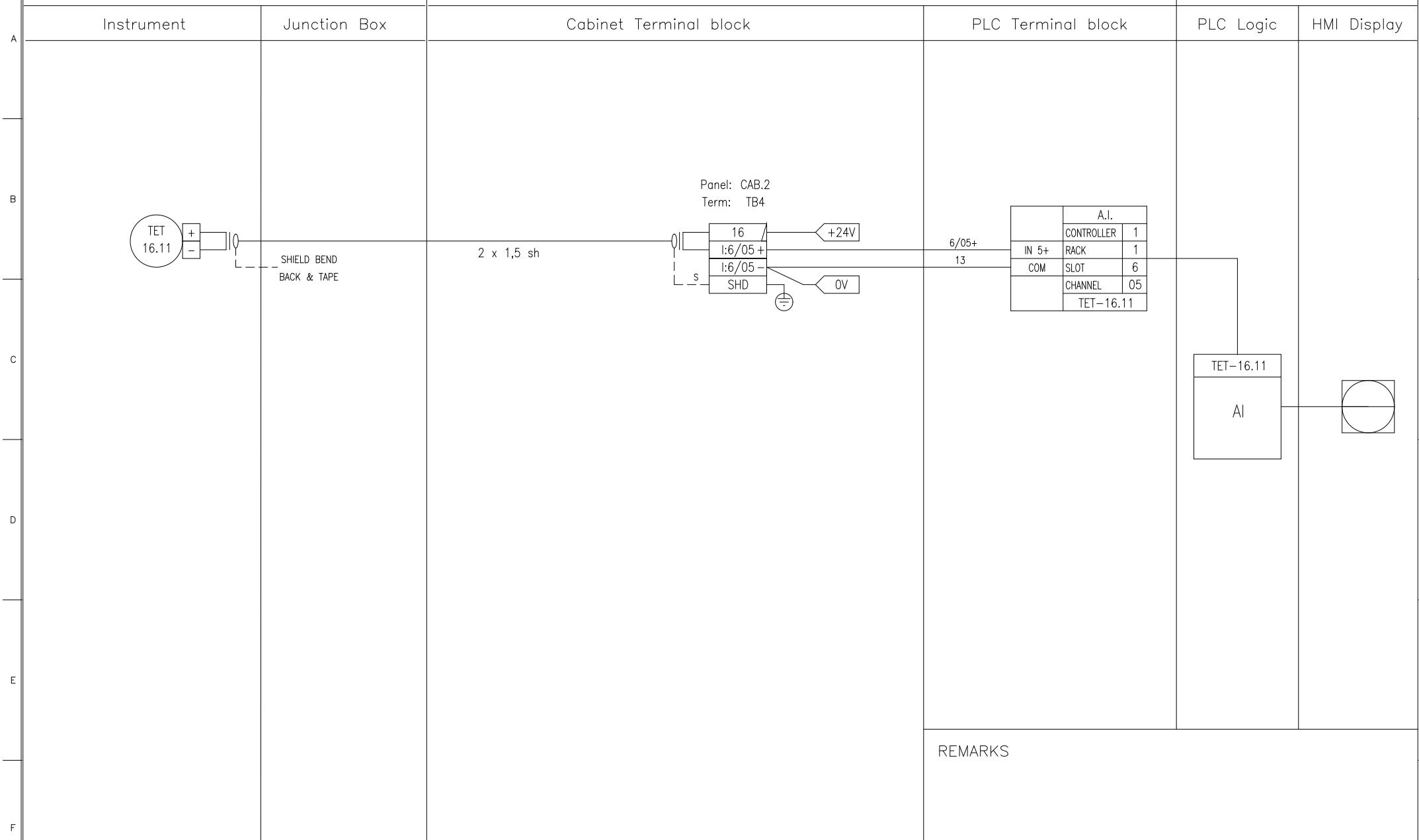
sheet 171  
172 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010				
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0	ISSUE FOR APPROVAL	02/2010	GC	check CM					
Rev.	Revision	Date	Name	stand. SPAC9.1					

SULPHUREX PLANT



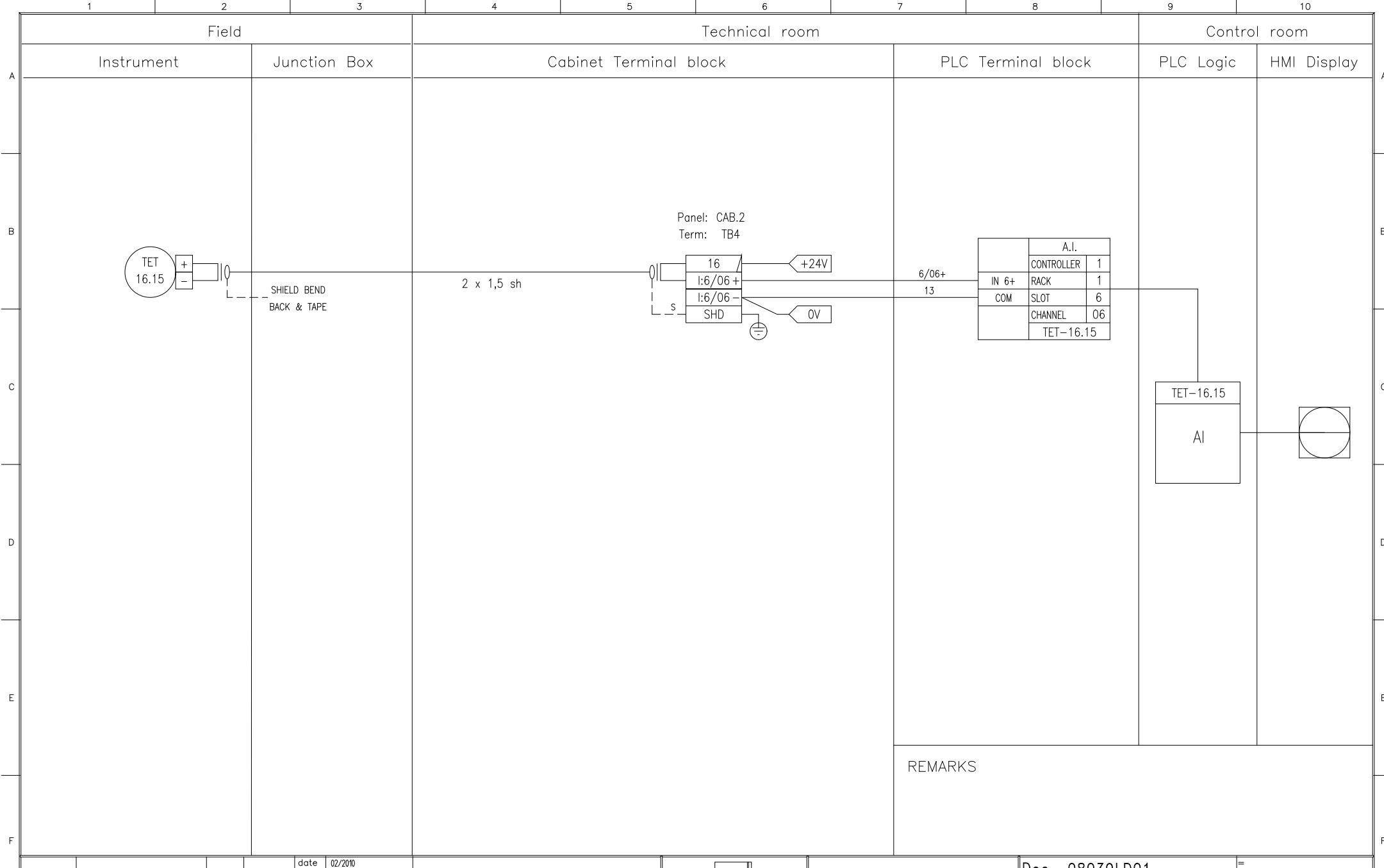
THERMO RESISTENCE TET-16.11

drawing's title:

Doc. 08039LD01

Job: 1E35 dwg. 1E35.85.002

sheet 172  
173 n.sh



UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-173

SULPHUREX PLANT



THERMO RESISTENCE TET-16.15  
drawing's title:

Doc. 08039LD01

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Job: 1E35 dwg. 1E35.85.002

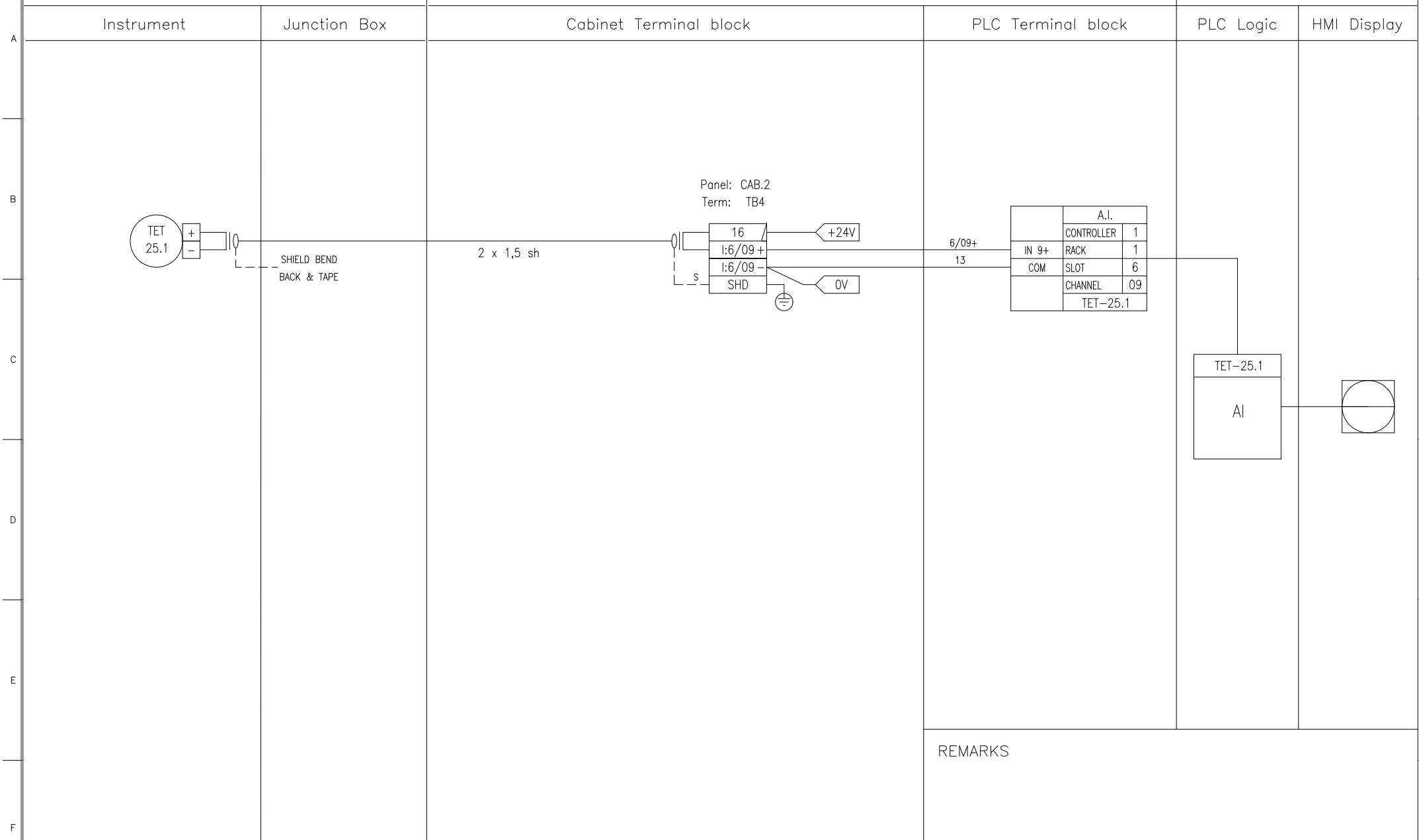
sheet 173  
174 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand. SPAC9.1	

SULPHUREX PLANT



THERMO RESISTENCE TET-25.1  
drawing's title:

Doc. 08039LD01

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Job: 1E35 dwg. 1E35.85.002

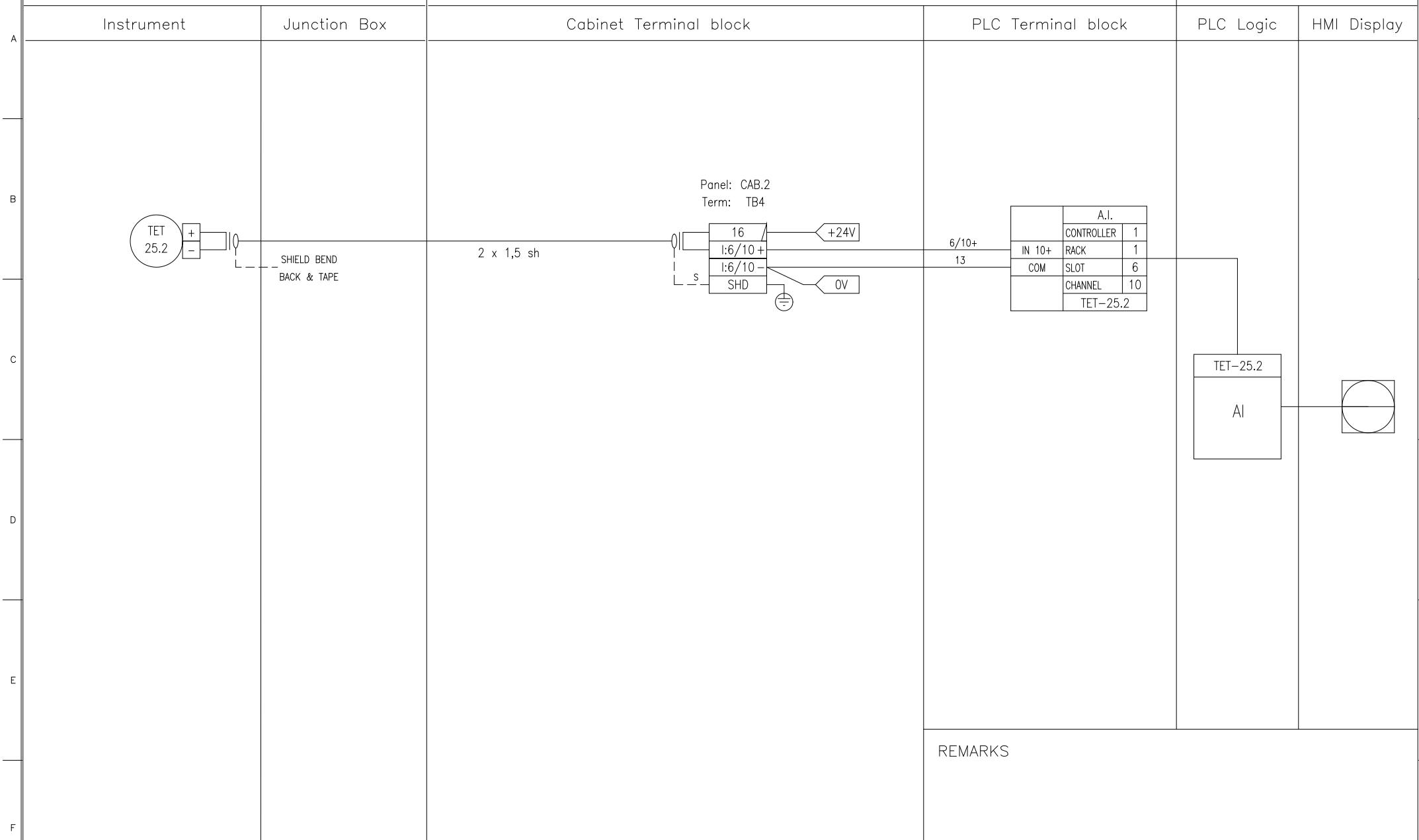
sheet 174  
175 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3					date 02/2010				
					desig. GC				
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Rev.	Revision	Date	Name	stand. SPAC9.1					

SULPHUREX PLANT

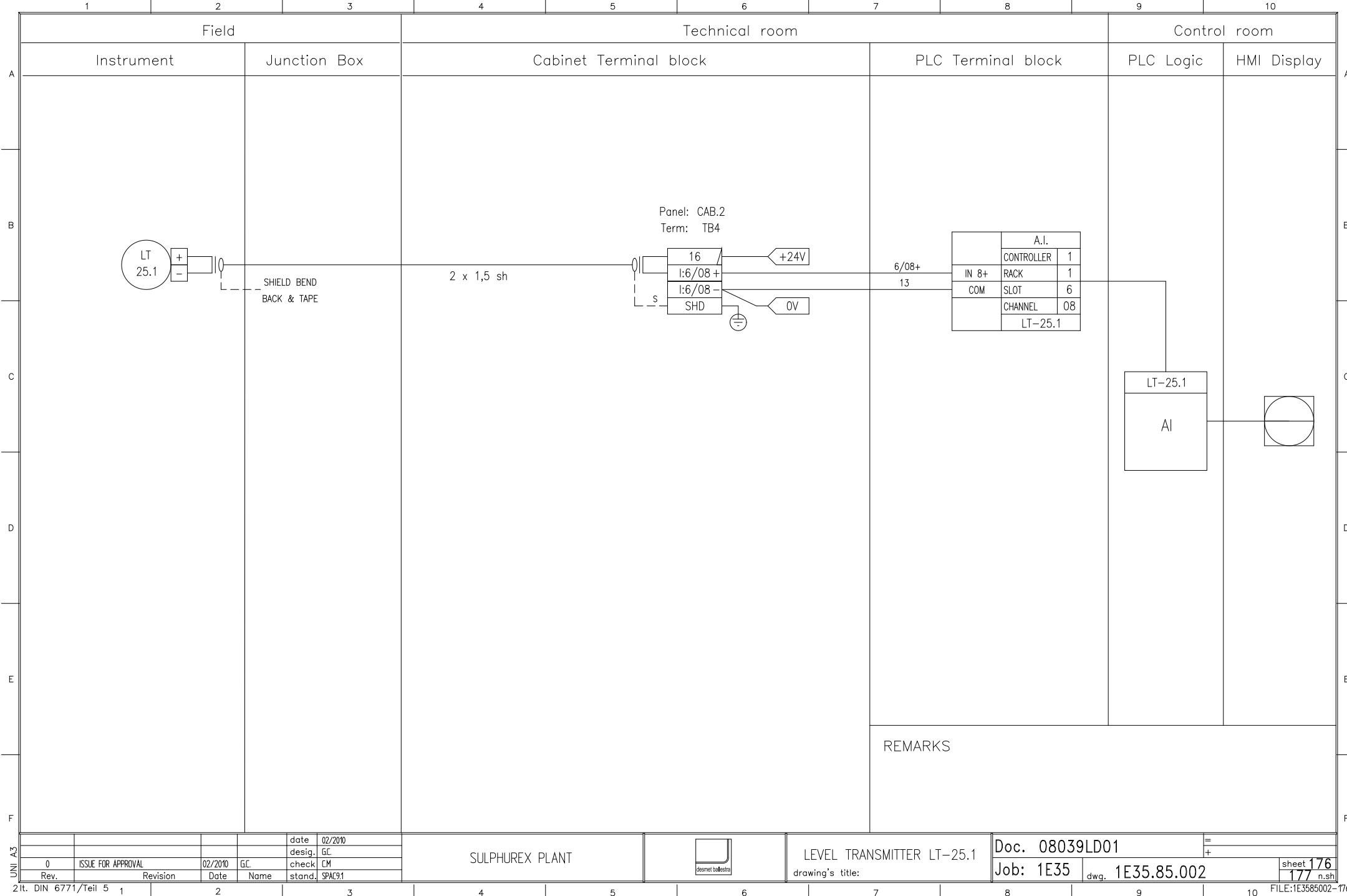


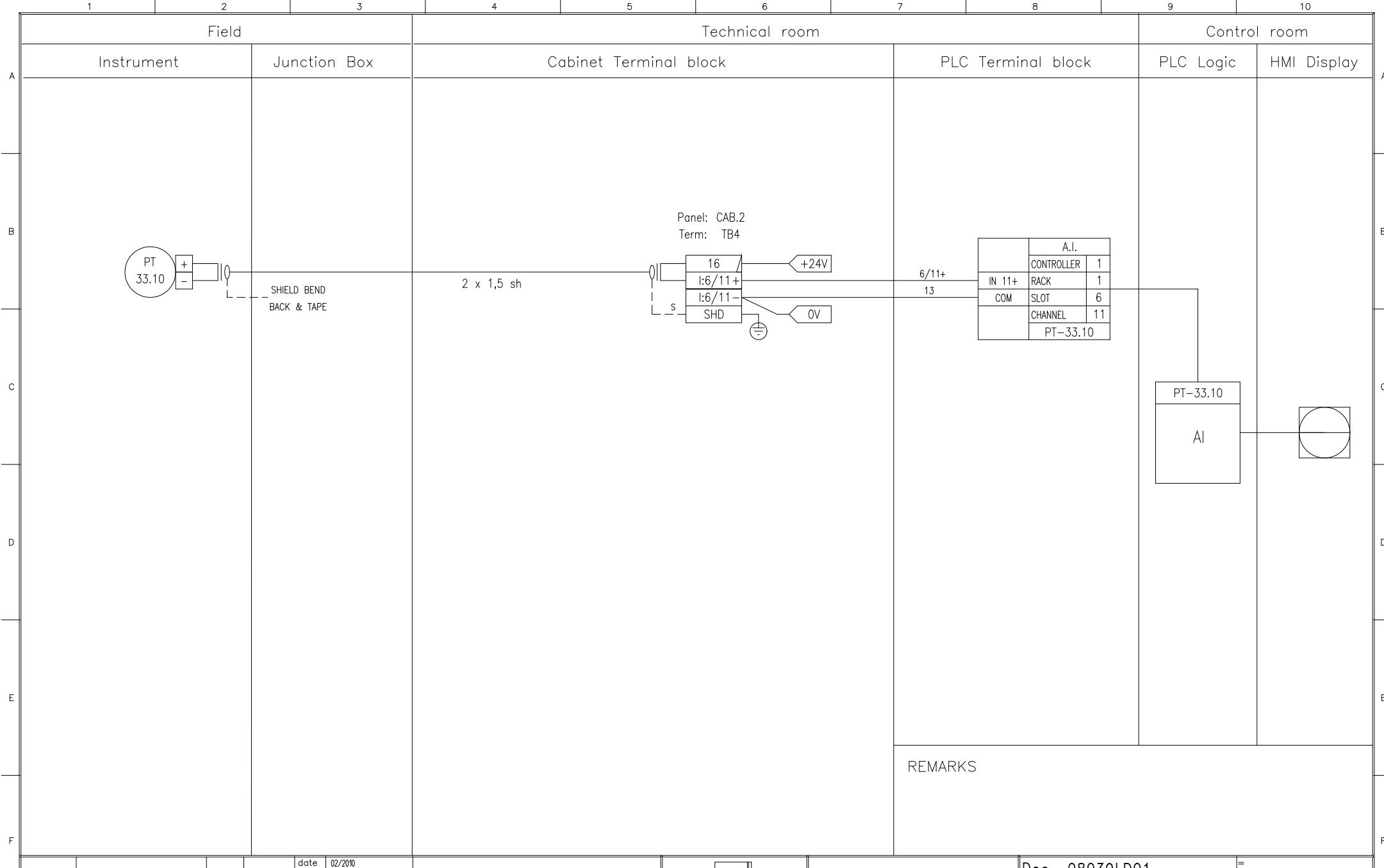
THERMO RESISTENCE TET-25.2  
drawing's title:

Doc. 08039LD01

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Job: 1E35 dwg. 1E35.85.002

sheet 175  
176 n.sh





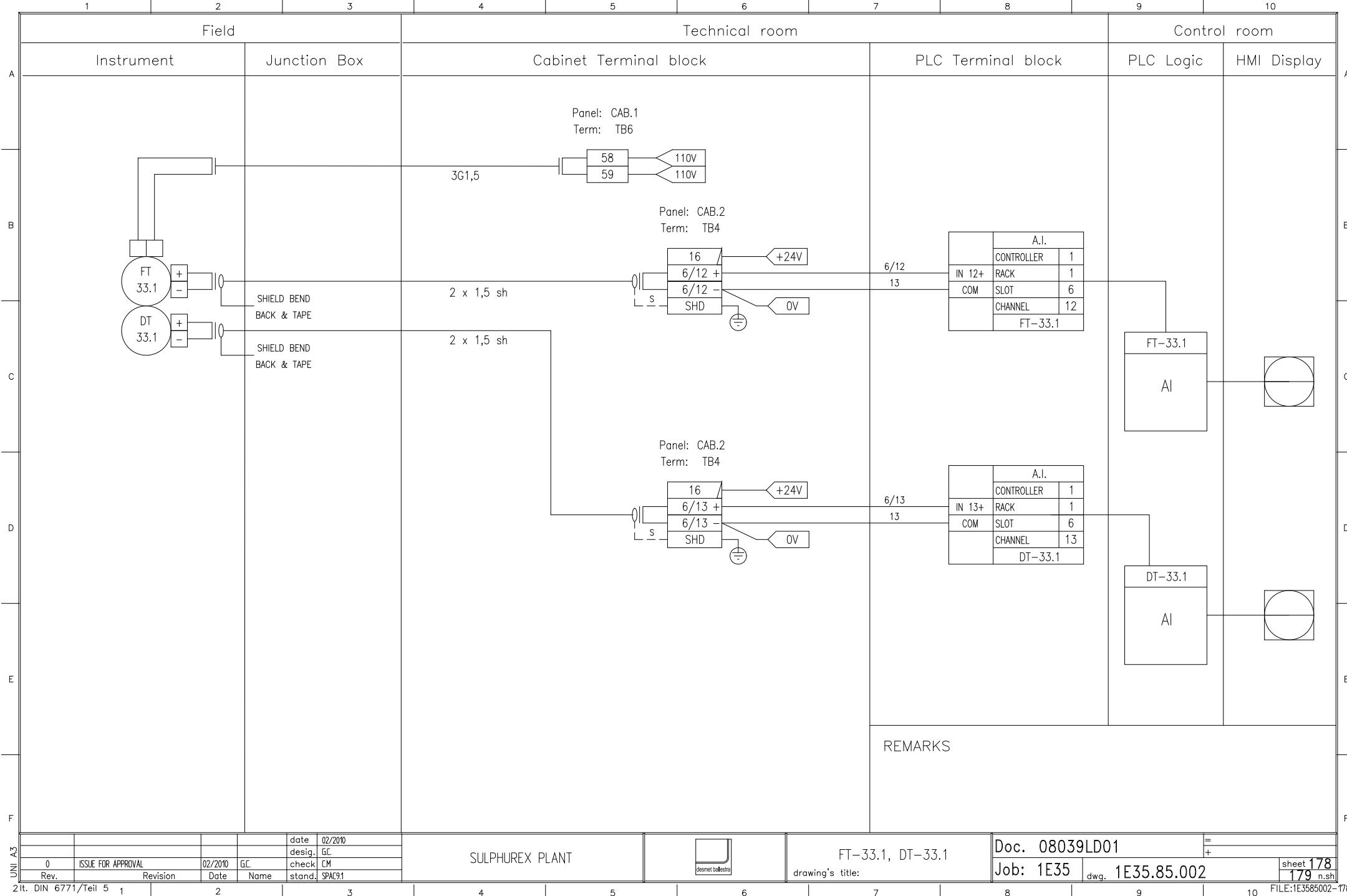
UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand. SPAC9.1	

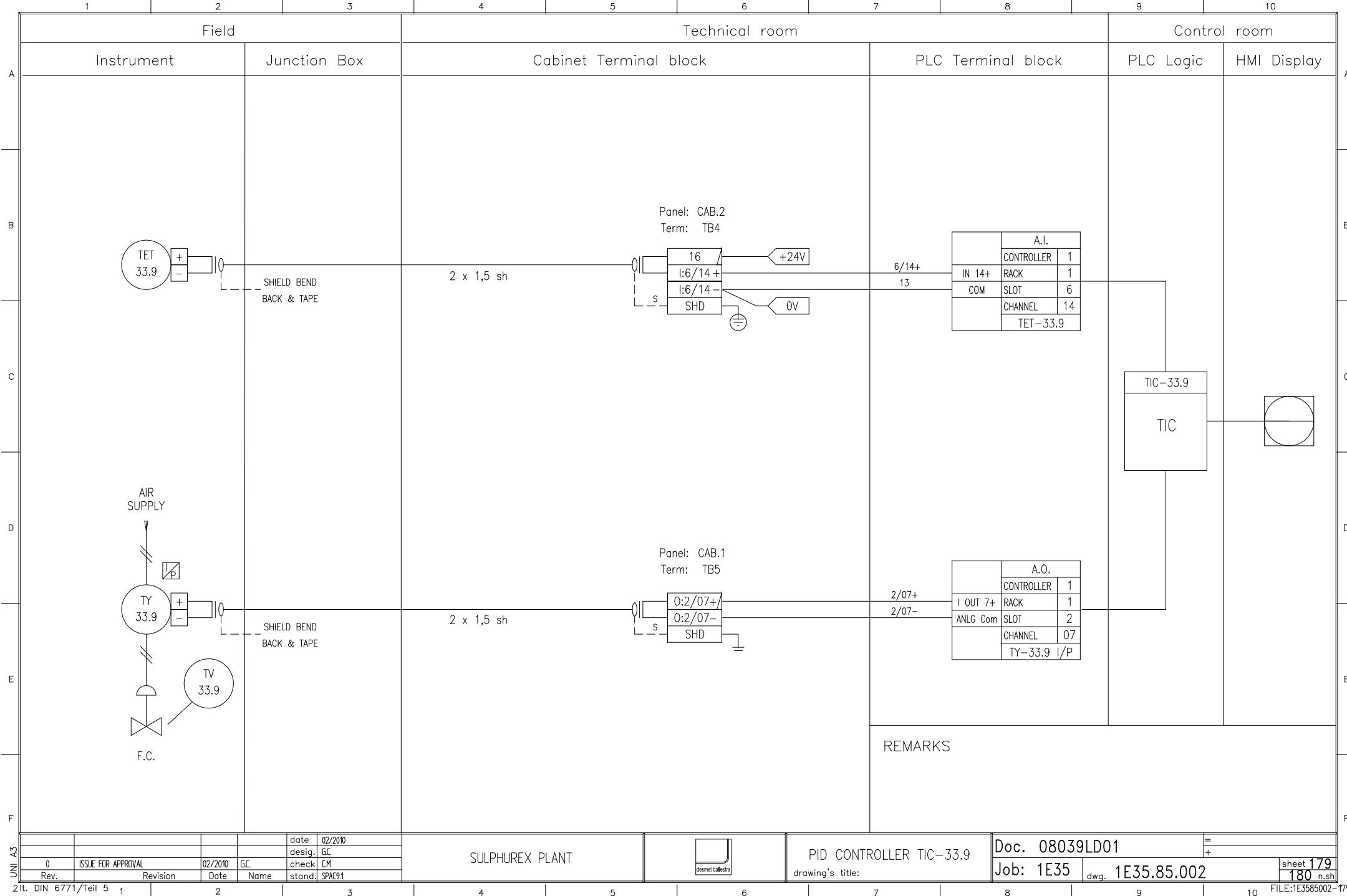
SULPHUREX PLANT

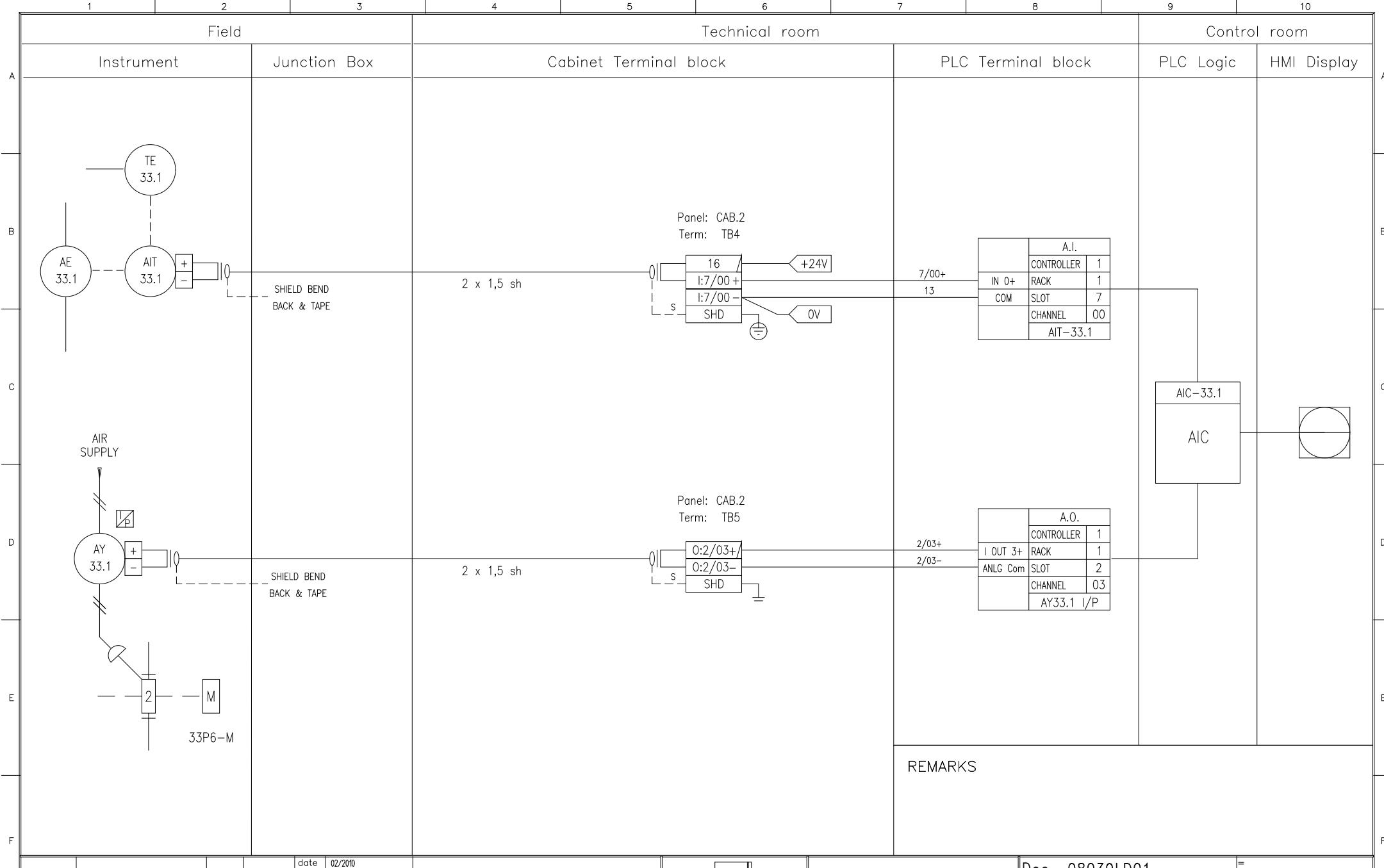


PRESS. TRANSMITTER PT-33.10  
drawing's title:

Doc. 08039LD01  
Job: 1E35 dwg. 1E35.85.002  
sheet 177  
178 n.sh







UNI A3					date 02/2010
					desig. GC
0	ISSUE FOR APPROVAL	02/2010	GC	check CM	
Rev.	Revision	Date	Name	stand. SPAC9.1	

SULPHUREX PLANT



PID CONTROLLER AIC-33.1  
drawing's title:

Doc. 08039LD01

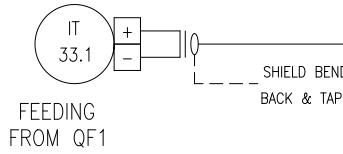
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Job: 1E35 dwg. 1E35.85.002

sheet 180  
181 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

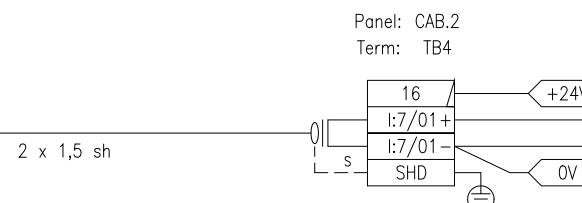
Electrical room

90.LVB.1



Technical room

Cabinet Terminal block



PLC Terminal block

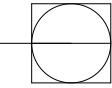
	A.I.
CONTROLLER	1
IN 1+	RACK 1
COM	SLOT 7
CHANNEL	01
	IT-33.1

Control room

PLC Logic HMI Display

IT-33.1

AI



REMARKS REF. MOTOR 33D1-M Sheet 34

1	ISSUE FOR CONSTRUCTION	02/2010	GC	date	02/2010
0	ISSUE FOR APPROVAL	02/2010	GC	check	CM
Rev.	Revision	Date	Name	stand	SPAC9.1

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E3585002-181

SULPHUREX PLANT

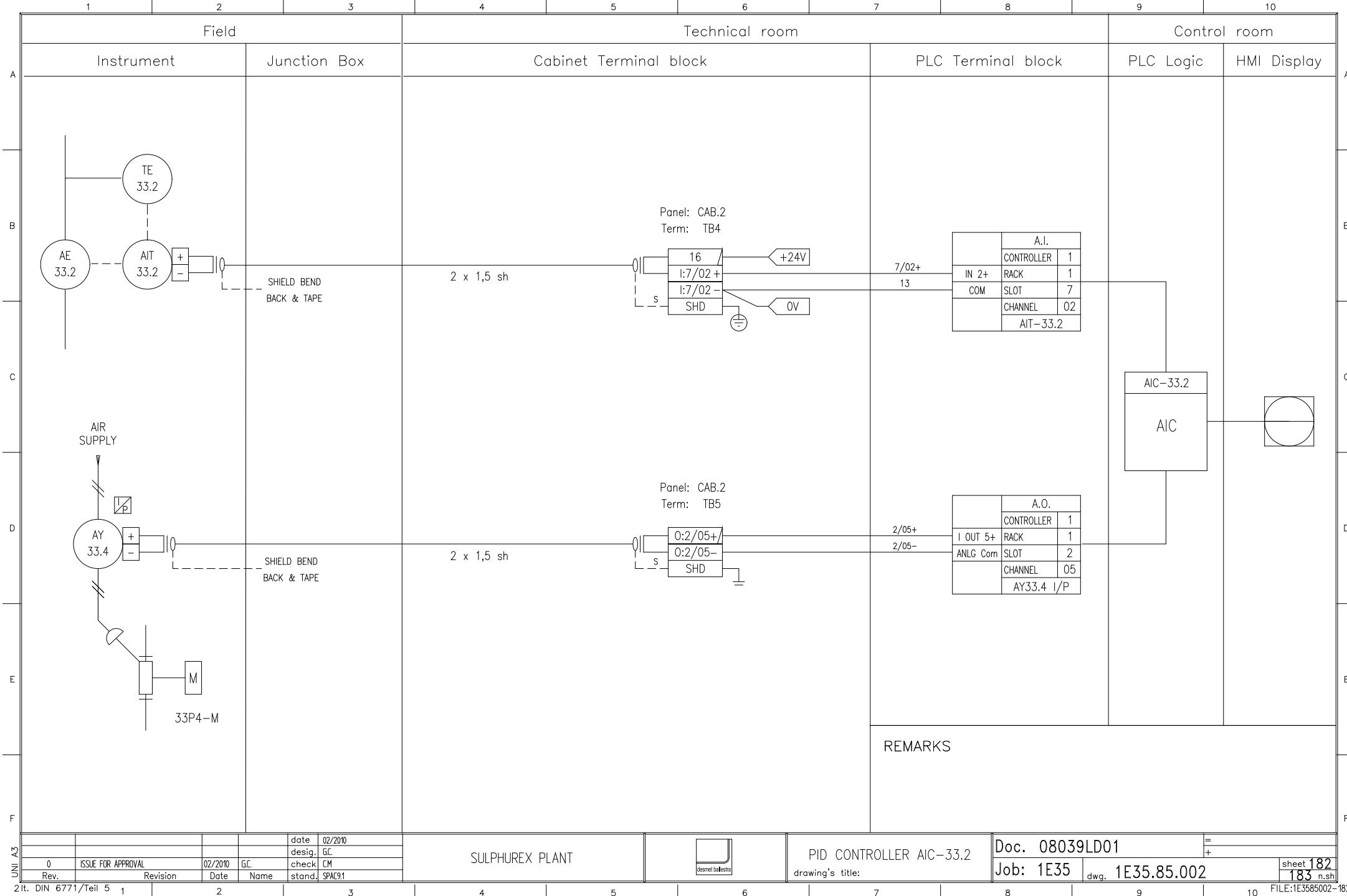


ANALOG INPUT IT-33.1  
drawing's title:

Doc. 08039LD01

Job: 1E35 dwg. 1E35.85.002

sheet 181  
182 n.sh



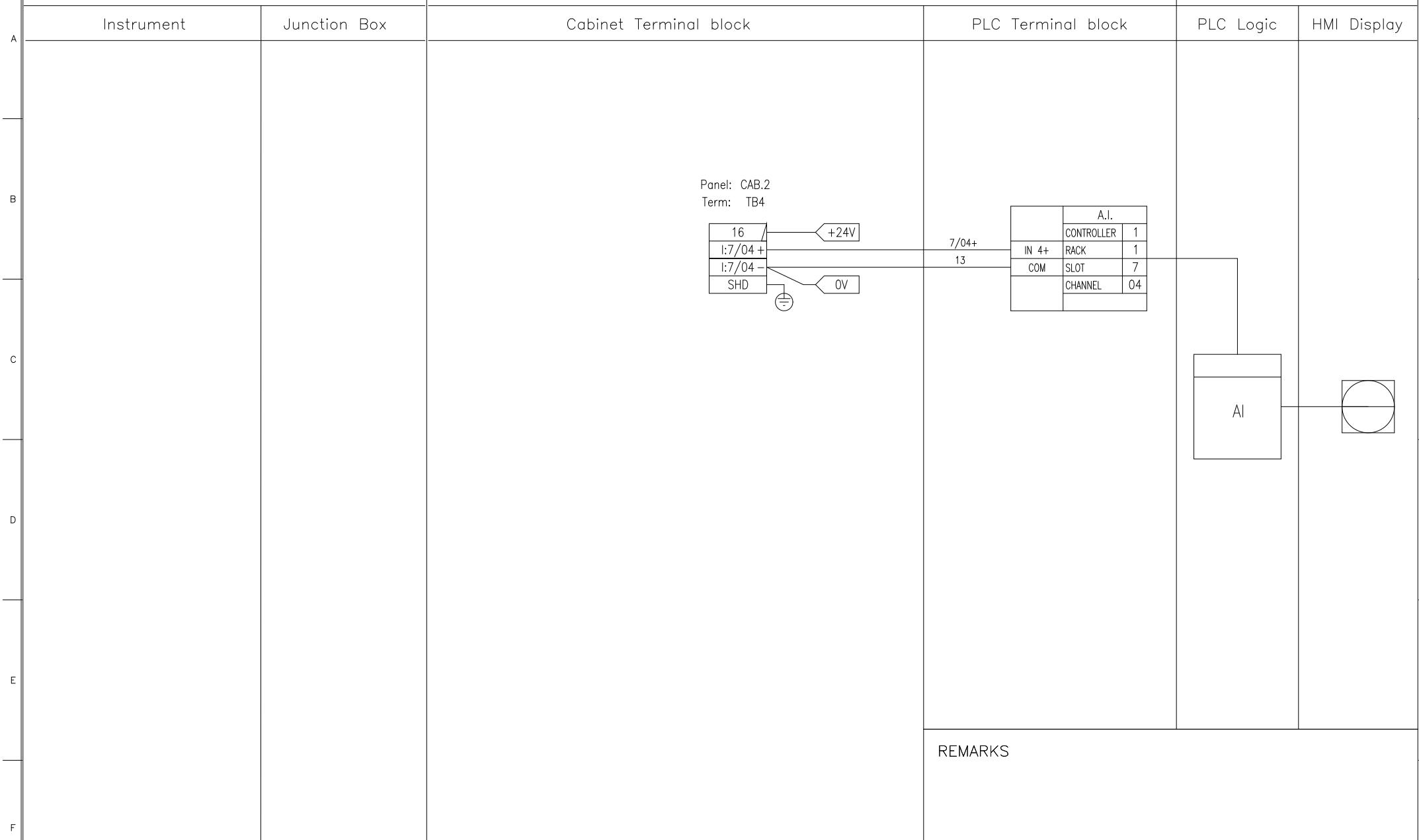
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Field			Technical room					Control room	
Instrument		Junction Box	Cabinet Terminal block			PLC Terminal block		PLC Logic	HMI Display
A									
B									
C									
D									
E									
F								REMARKS	
UNI A3				date 02/2010 desig. GC	SULPHUREX PLANT	desmet ballastre	SPARE SHEET drawing's title:	Doc. 08039LD01 Job: 1E35 dwg. 1E35.85.002	= + sheet 183 184 n.sh
0	ISSUE FOR APPROVAL	02/2010	GC	check CM					
Rev.	Revision	Date	Name	stand. SPAC91					
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1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



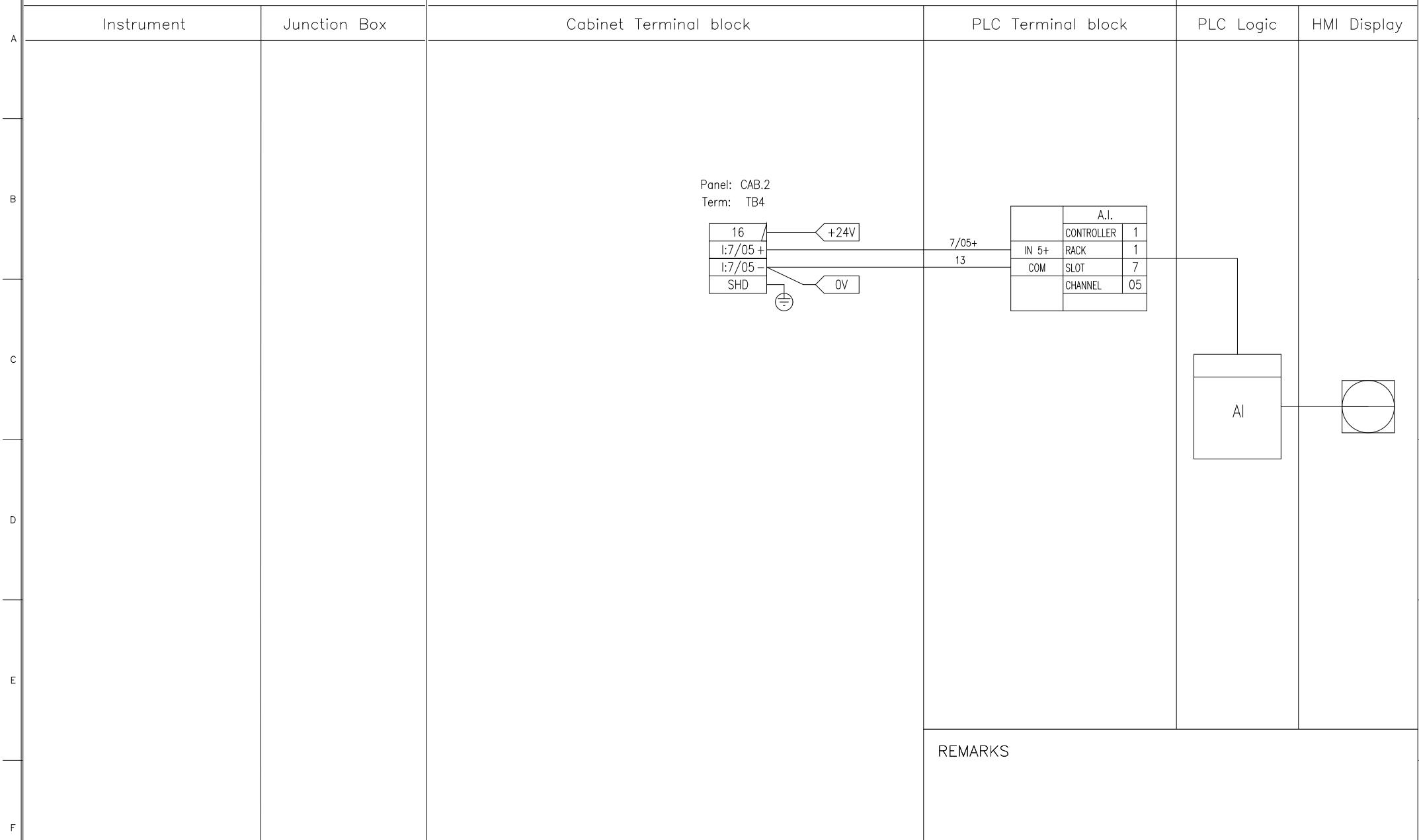
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					desig.	GC						+
	0	ISSUE FOR APPROVAL	02/2010	GC	check	CM						sheet 184
Rev.	Revision	Date	Name	stand.	SPAC9.1						Job: 1E35	dwg. 1E35.85.002

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3				date 02/2010			Doc. 08039LD01	=
				desig. GC				+
0	ISSUE FOR APPROVAL	02/2010	GC	check CM			Job: 1E35	sheet 185
Rev.	Revision	Date	Name	stand. SPAC9.1			dwg. 1E35.85.002	186 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-185

SULPHUREX PLANT



SPARE ANALOG INPUT  
drawing's title:

Doc. 08039LD01  
Job: 1E35

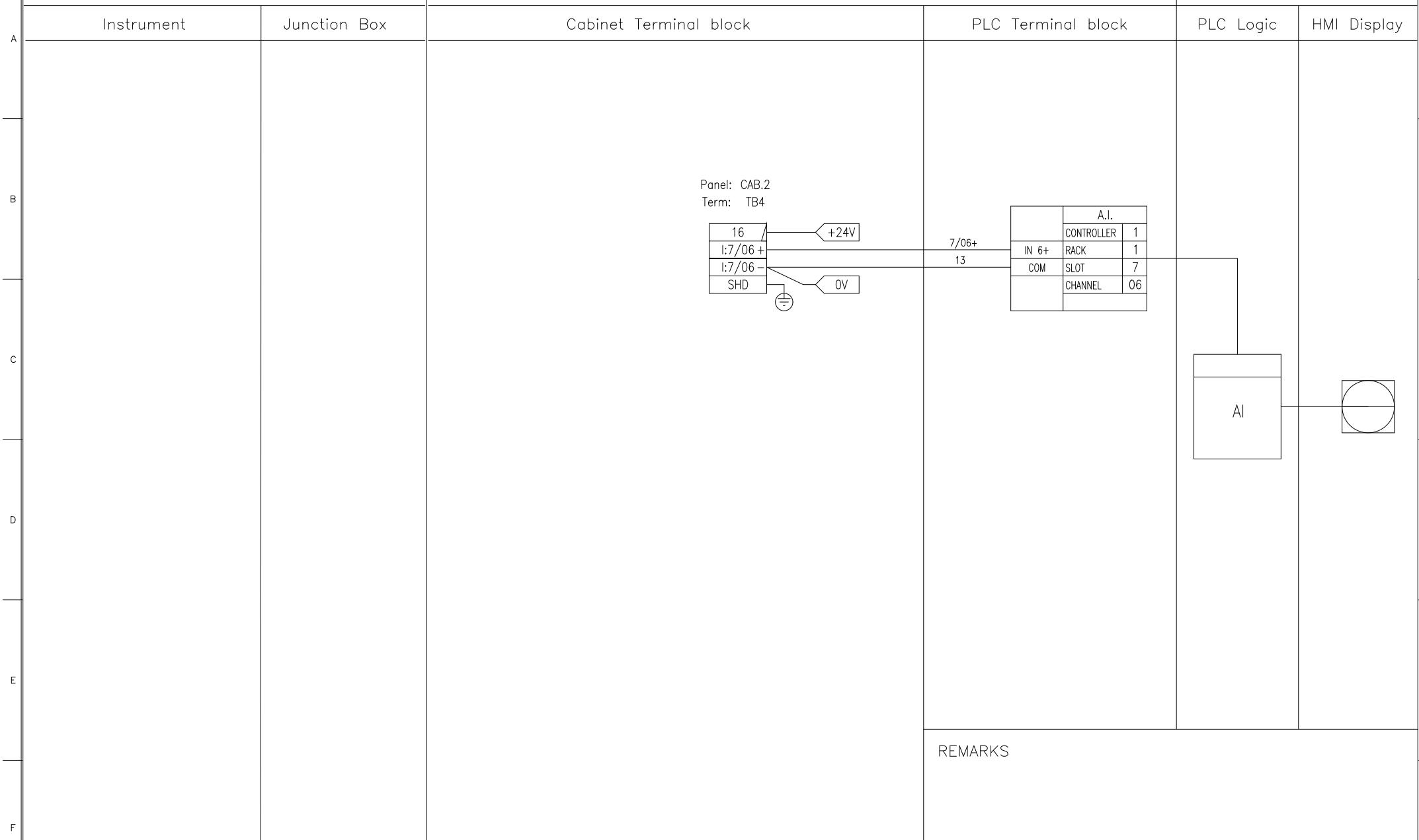
sheet 185  
186 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



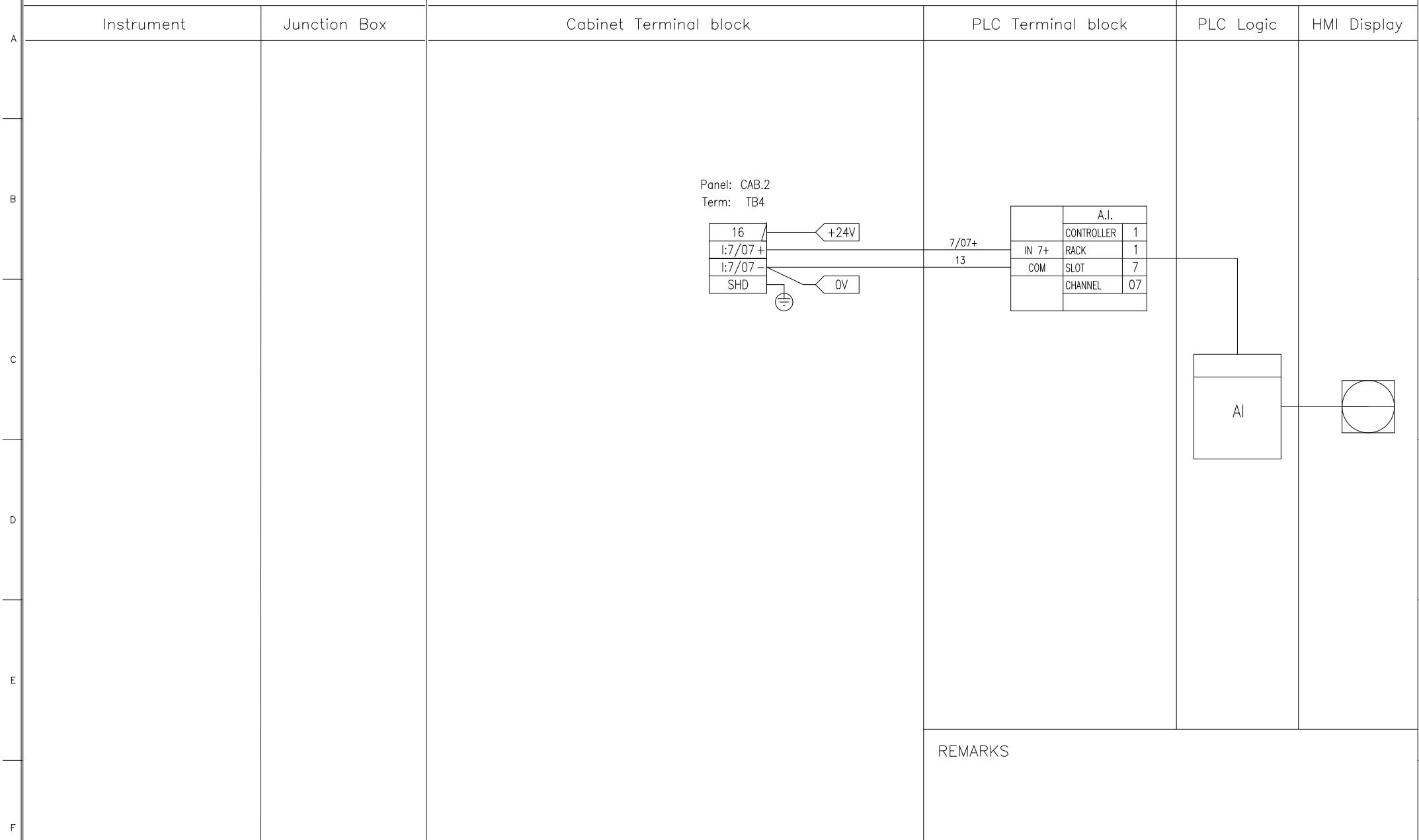
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	Rev.	Revision	Date	Name	stand.	SPAC9.1						dwg. 1E35.85.002	sheet 186 187 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



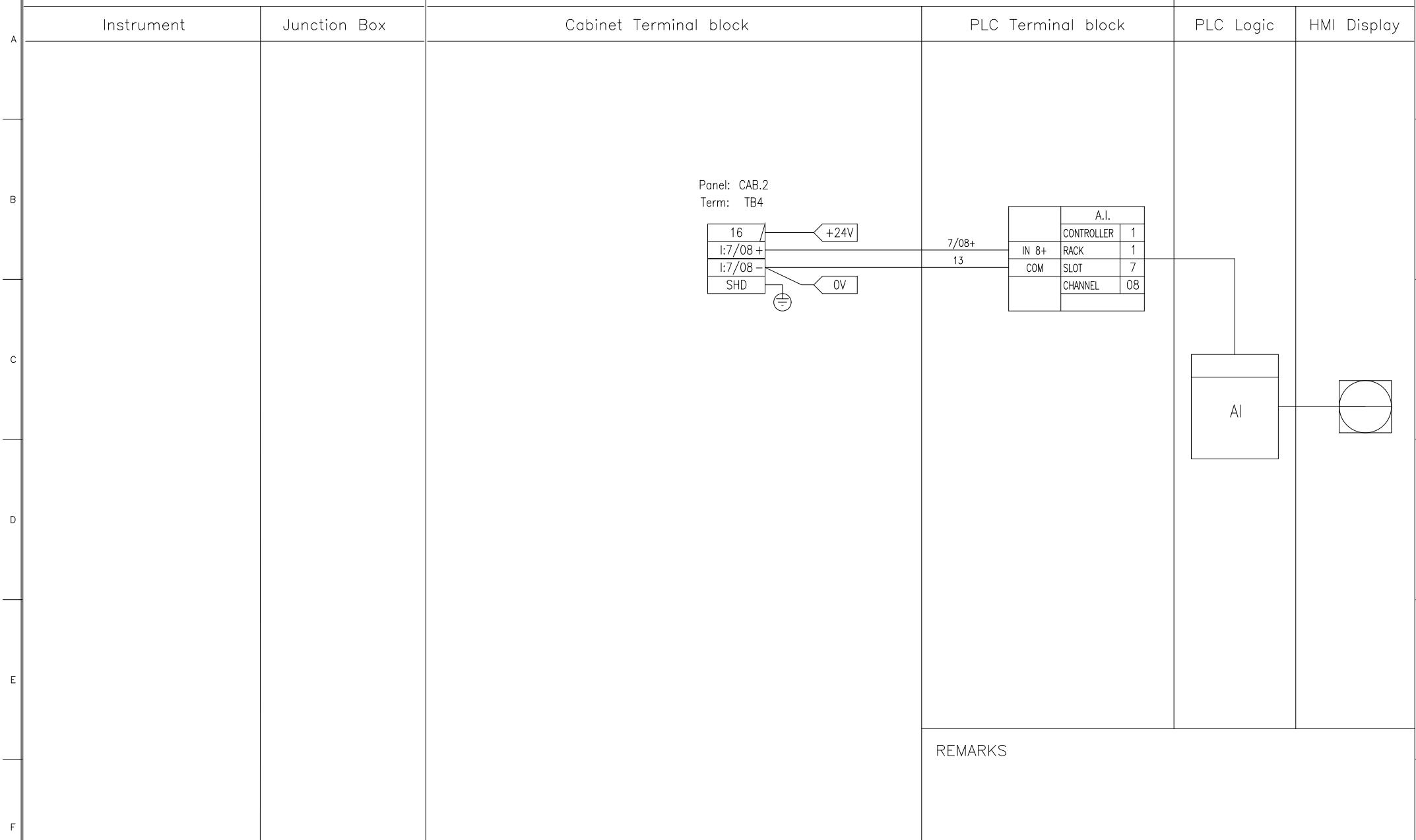
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Rev.	Revision	Date	Name	stand. SPAC9.1			dwg. 1E35.85.002	188 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



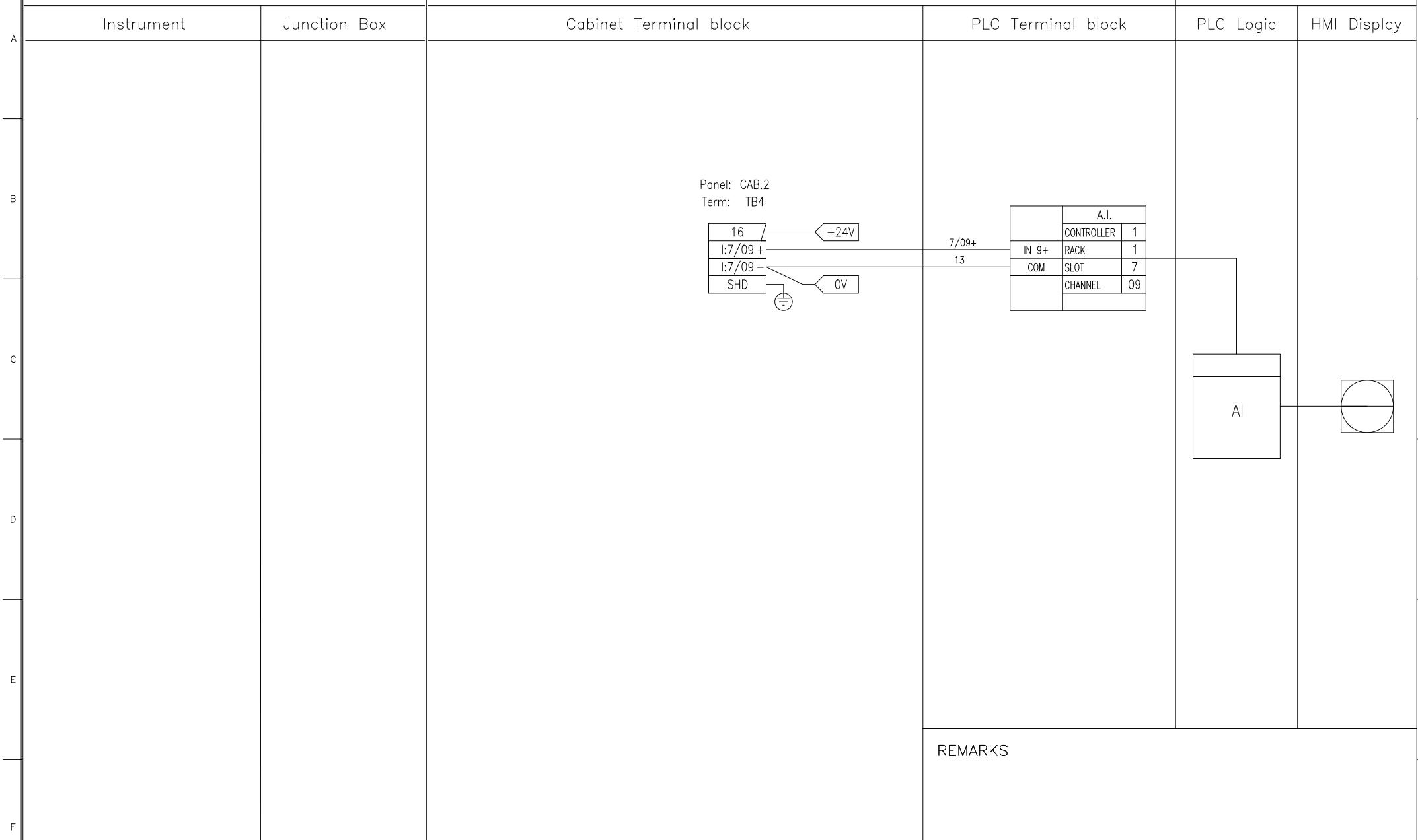
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Rev.	Revision	Date	Name	stand. SPAC9.1		drawing's title:	dwg. 1E35.85.002	189 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



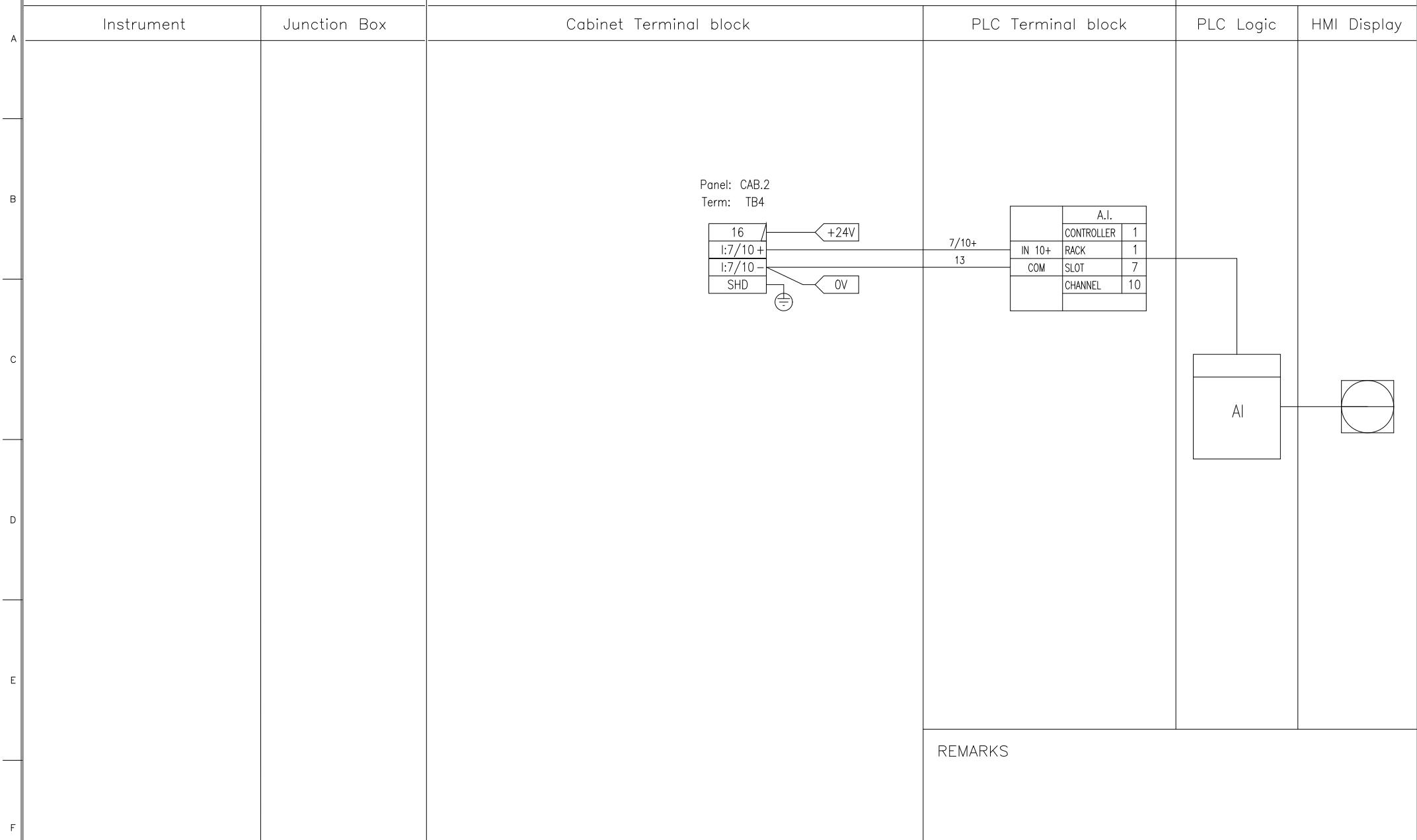
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Rev.	Revision	Date	Name	stand. SPAC9.1		drawing's title:	dwg. 1E35.85.002	190 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



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				desig. GC				+
0	ISSUE FOR APPROVAL	02/2010	GC	check CM			Job: 1E35	sheet 190
Rev.	Revision	Date	Name	stand. SPAC9.1			dwg. 1E35.85.002	191 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-190

SULPHUREX PLANT



SPARE ANALOG INPUT  
drawing's title:

Doc. 08039LD01

Job: 1E35

dwg. 1E35.85.002

sheet 190

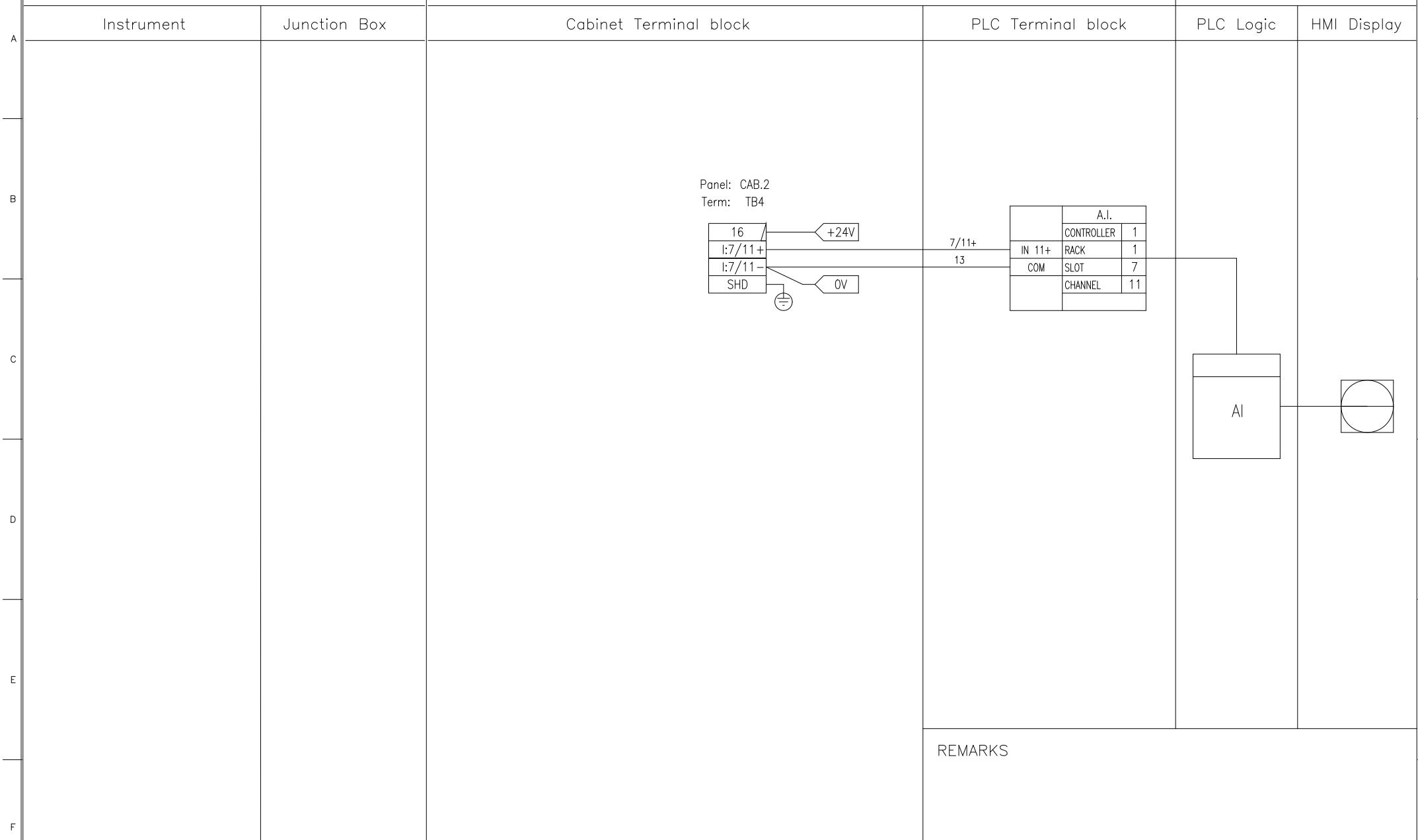
191 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



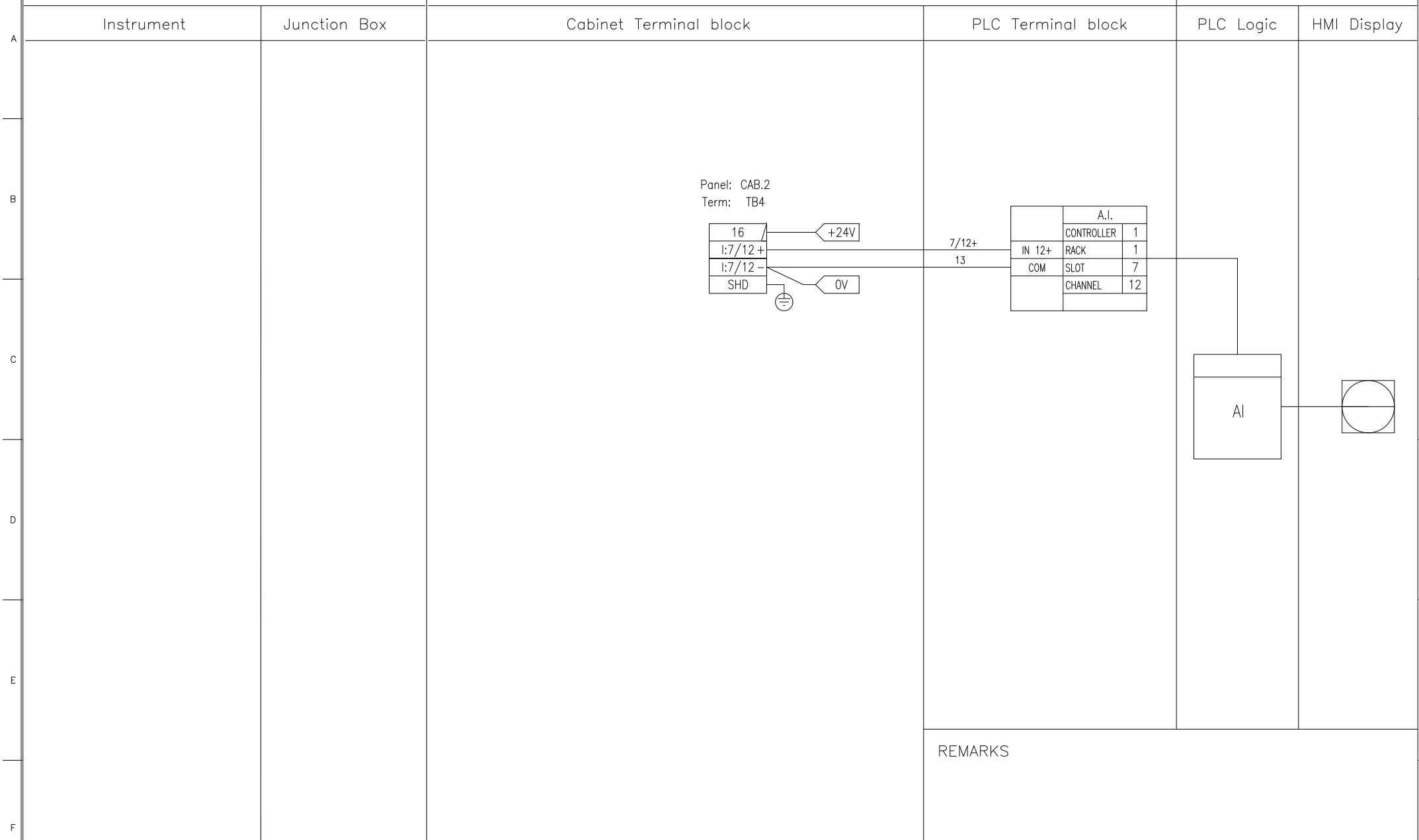
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Rev.	Revision	Date	Name	stand. SPAC9.1		drawing's title:	dwg. 1E35.85.002	192 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



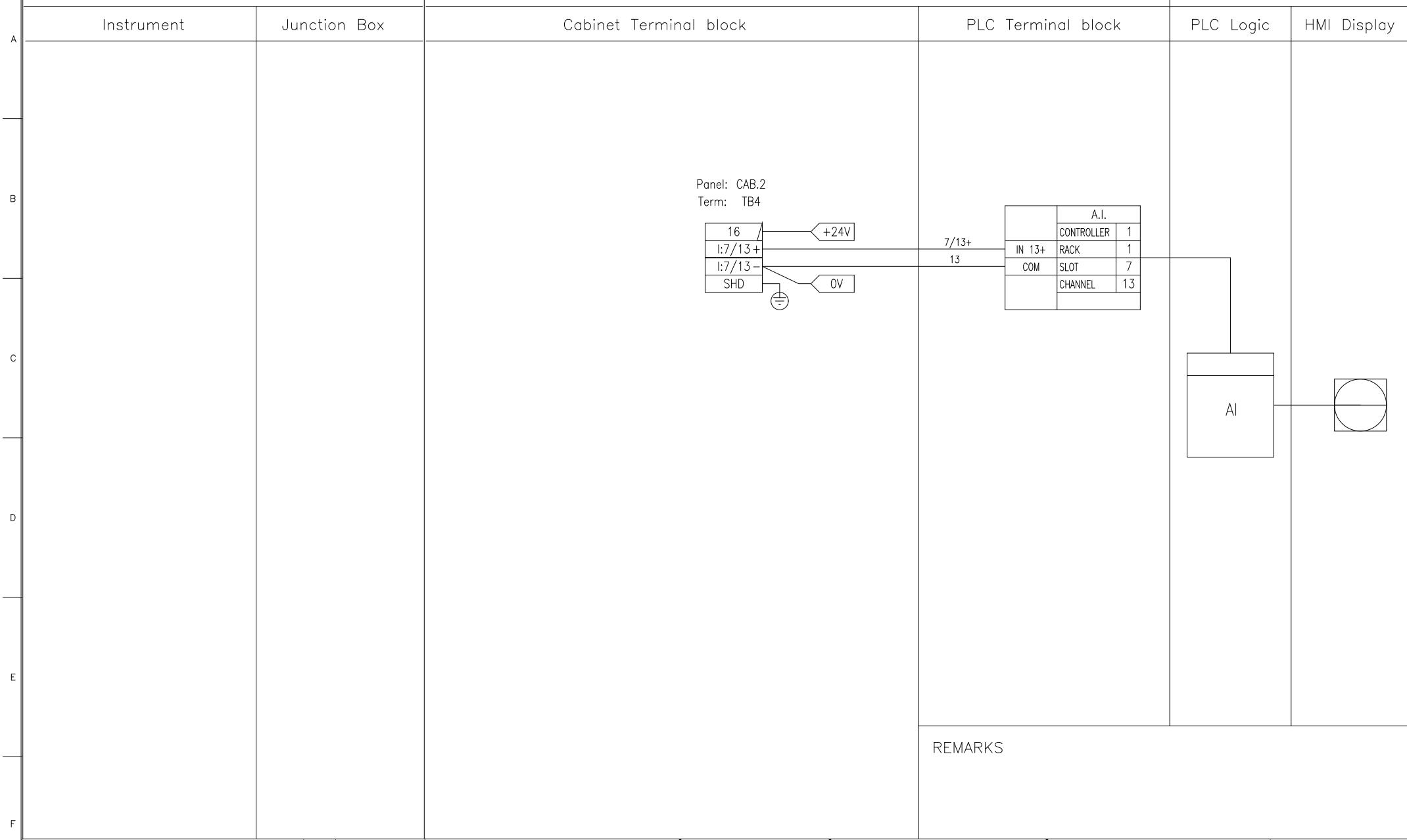
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	0	ISSUE FOR APPROVAL	02/2010	GC	check CM						sheet 192
	Rev.	Revision	Date	Name	stand. SPAC9.1					Job: 1E35	dwg. 1E35.85.002

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



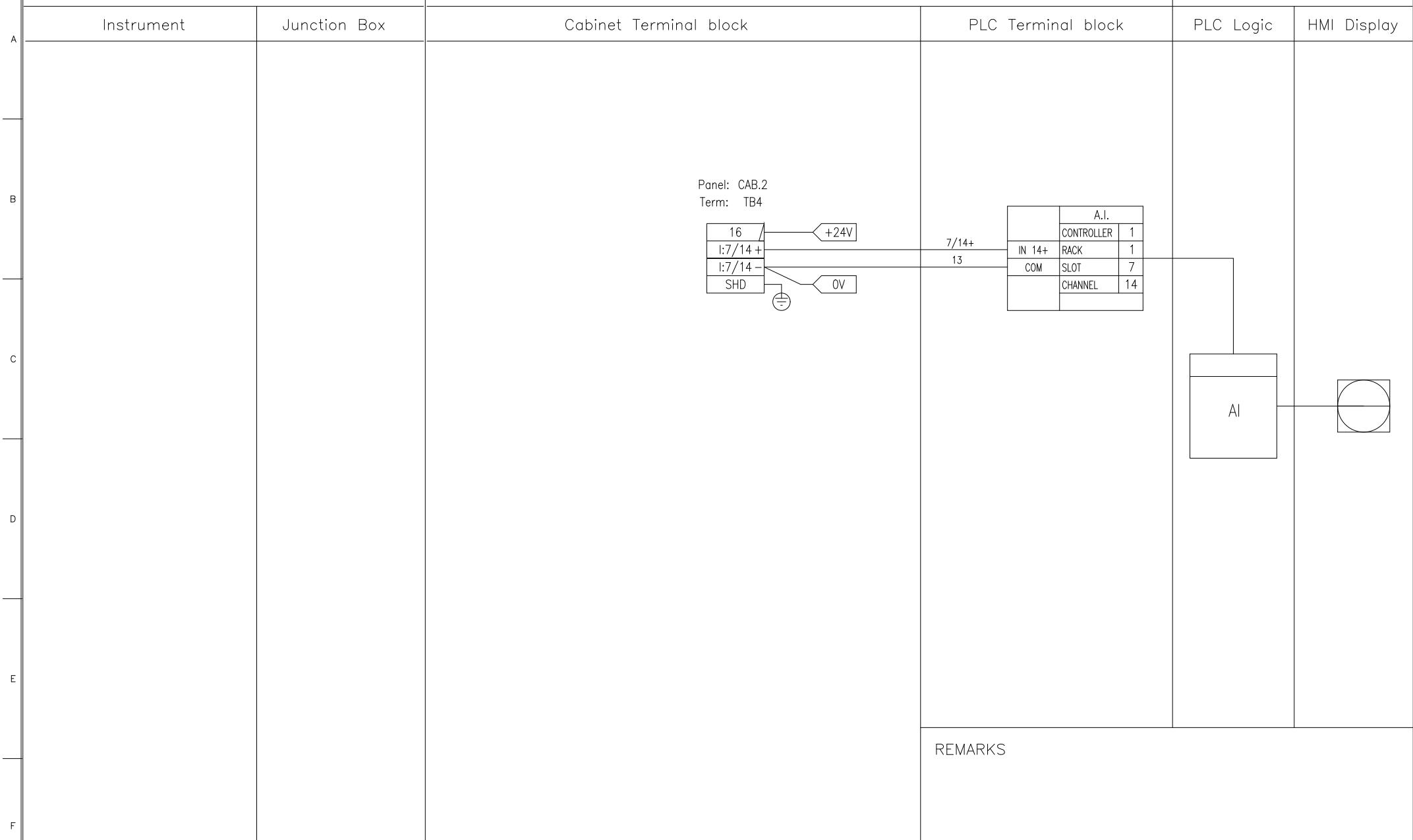
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Rev.	Revision	Date	Name	stand. SPAC9.1			dwg. 1E35.85.002	194 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3				date 02/2010
				desig. GC
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Rev.	Revision	Date	Name	stand. SPAC9.1

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-194

SULPHUREX PLANT



SPARE ANALOG INPUT  
drawing's title:

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Job: 1E35 dwg. 1E35.85.002

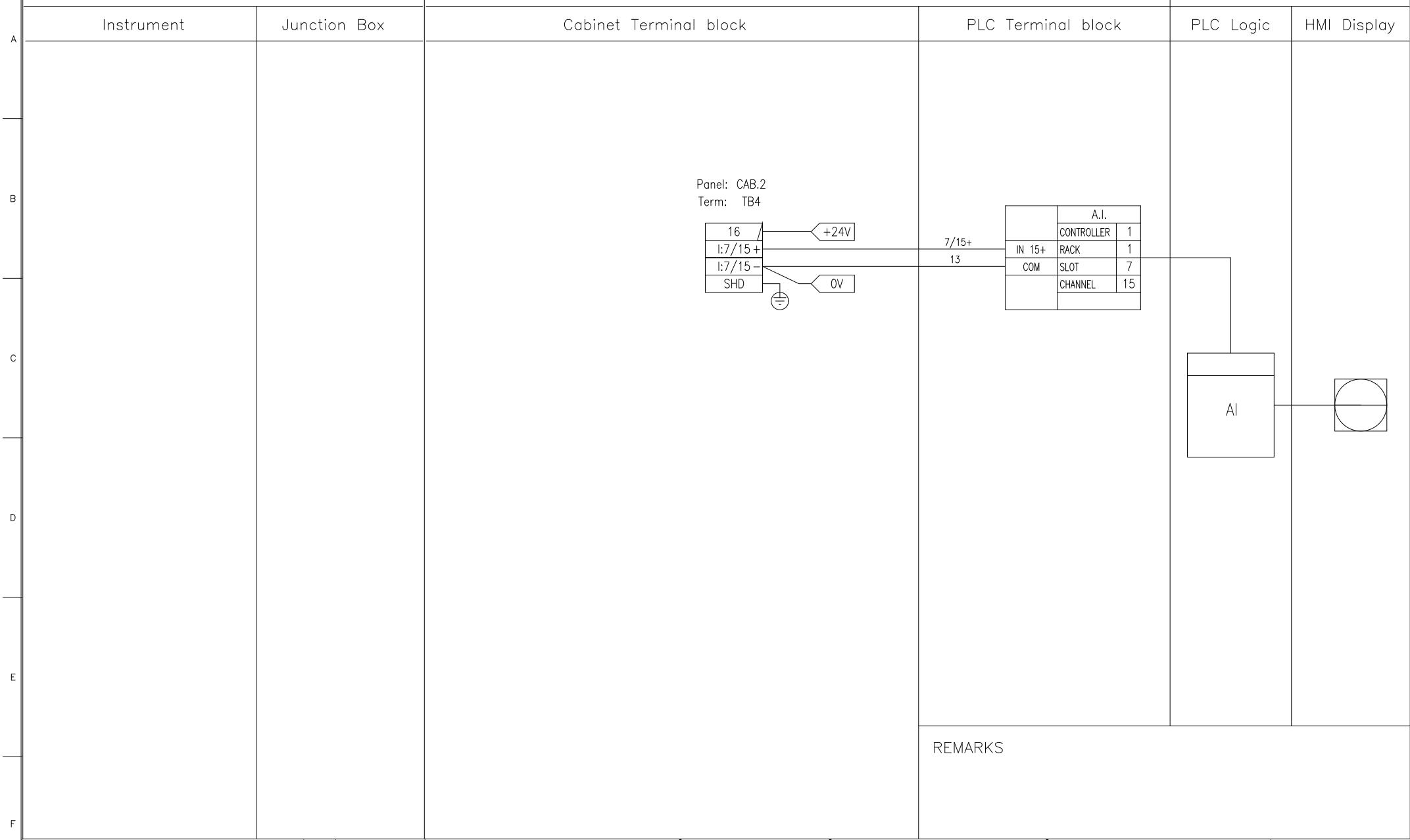
sheet 194  
195 n.sh

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3				date	02/2010
				desig.	GC
0	ISSUE FOR APPROVAL	02/2010	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC9.1

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E3585002-195

SULPHUREX PLANT



SPARE ANALOG INPUT  
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Doc. 08039LD01

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Job: 1E35 dwg. 1E35.85.002

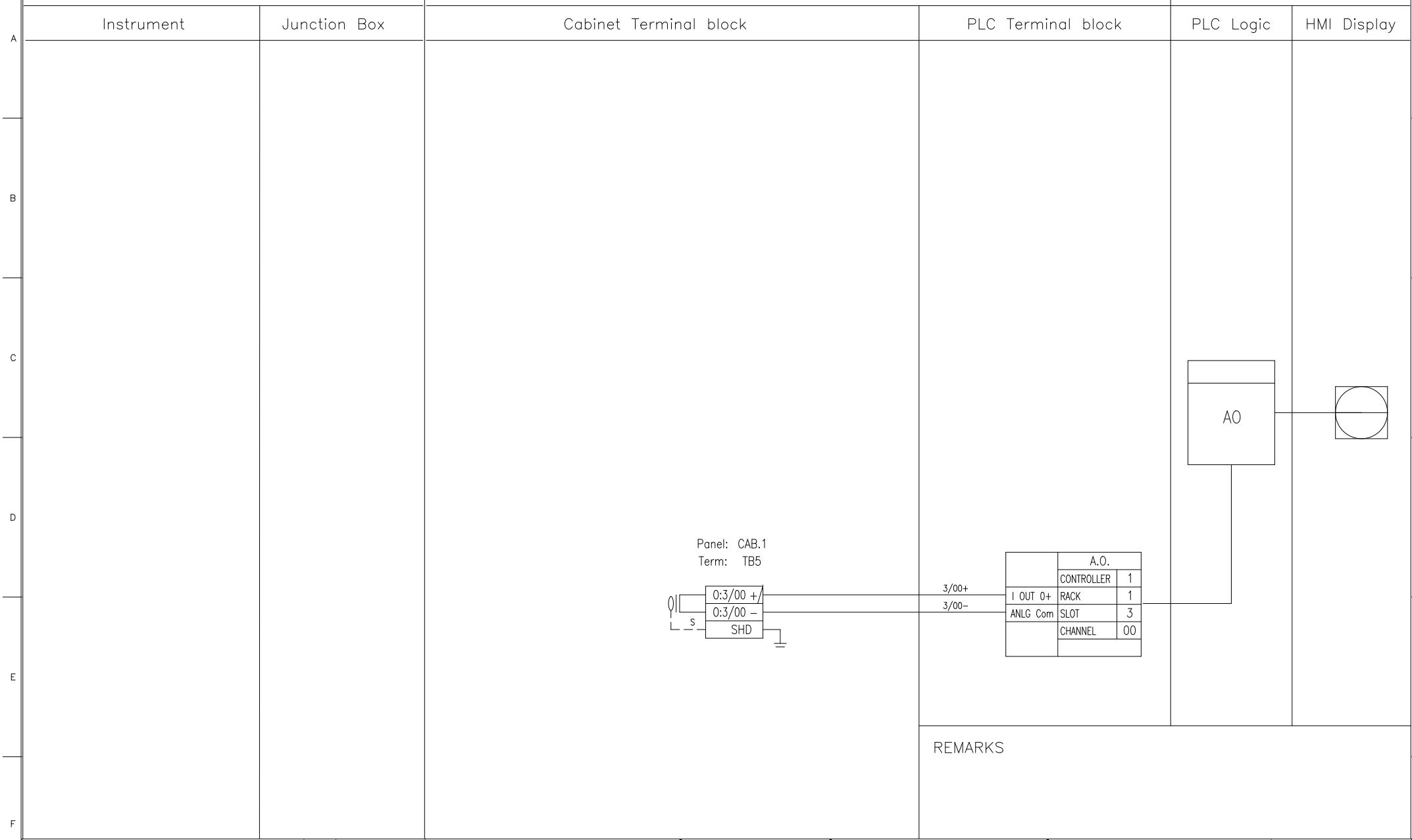
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196 n.sh

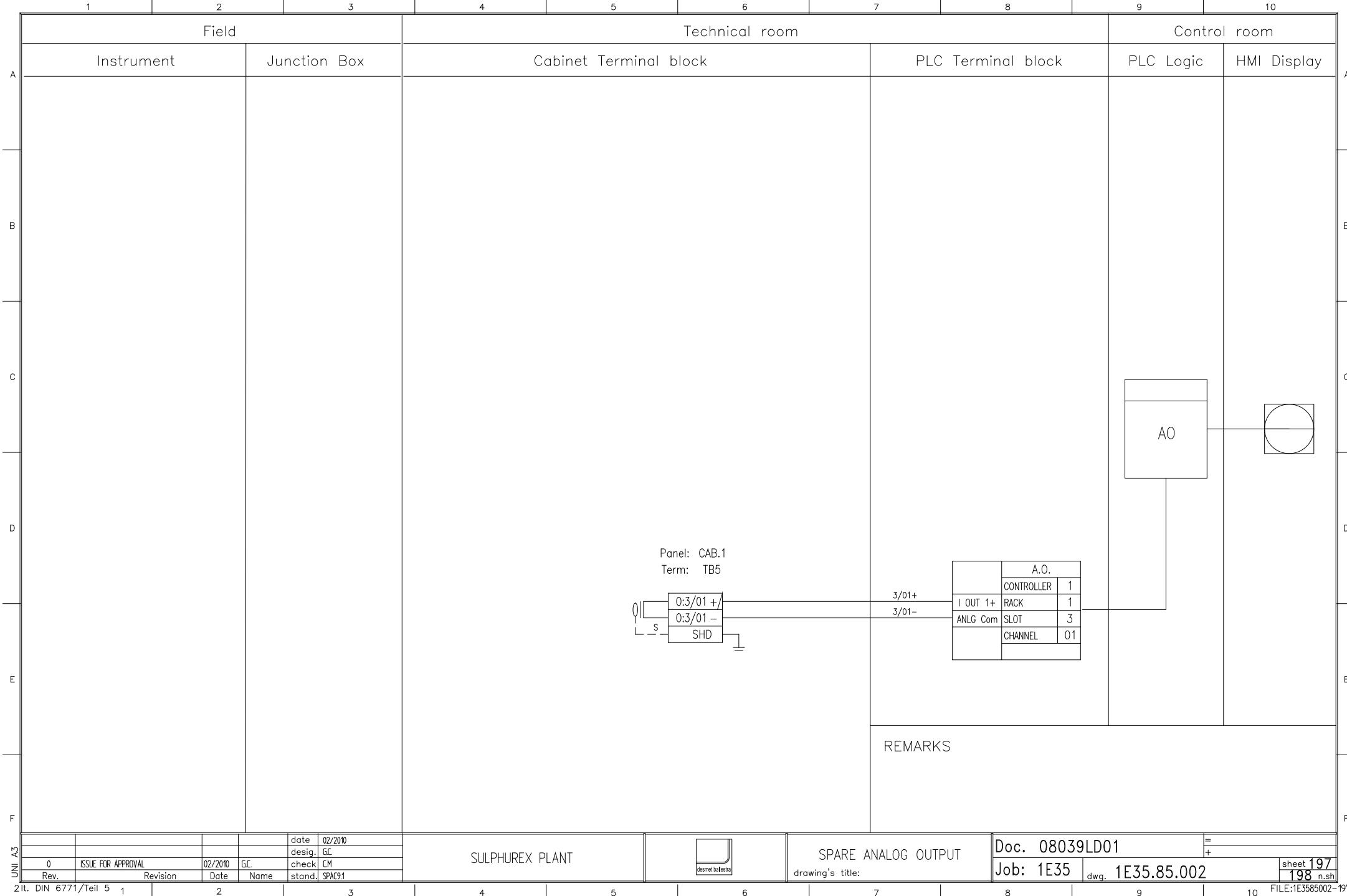
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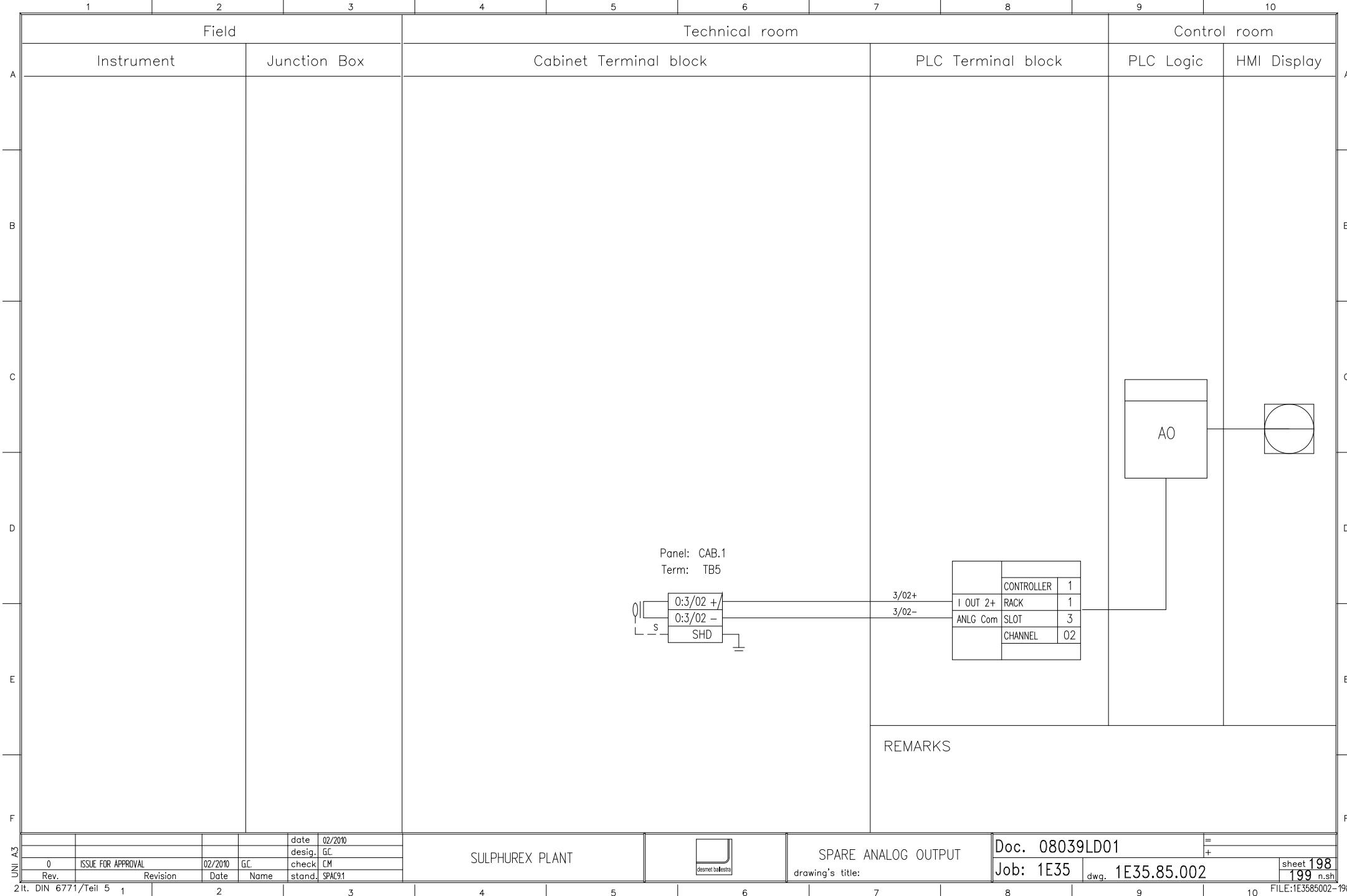
Field

Technical room

Control room





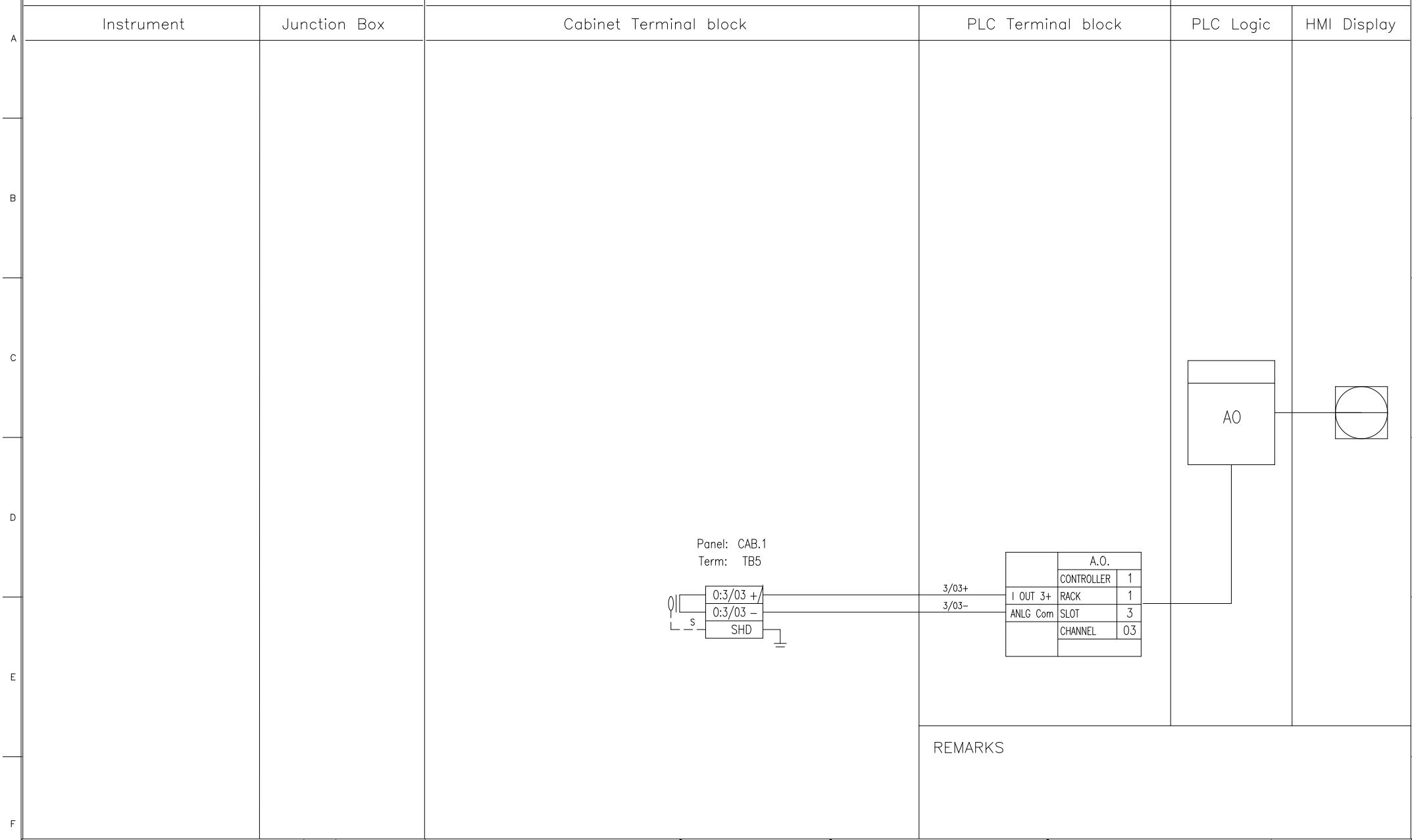


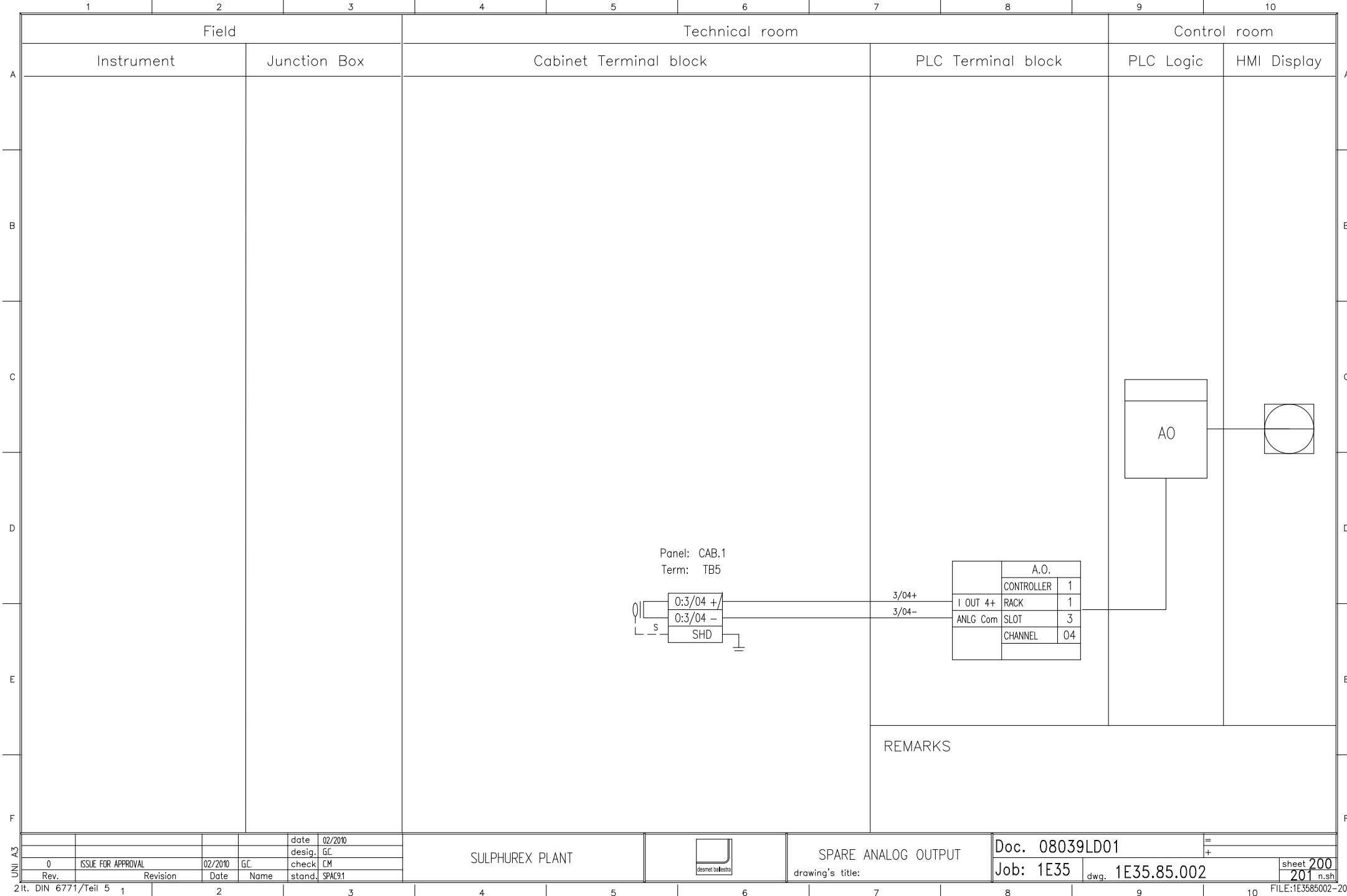
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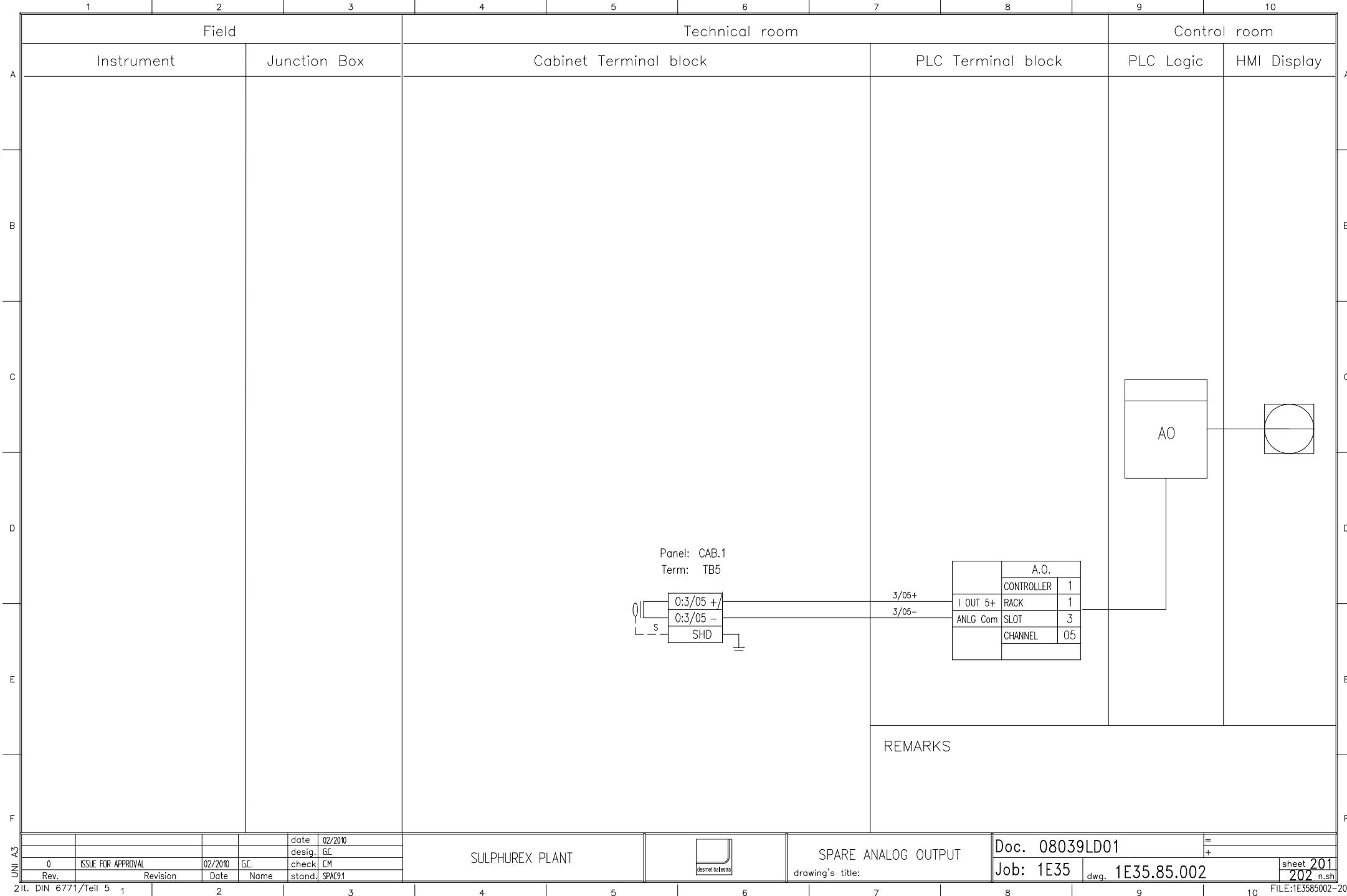
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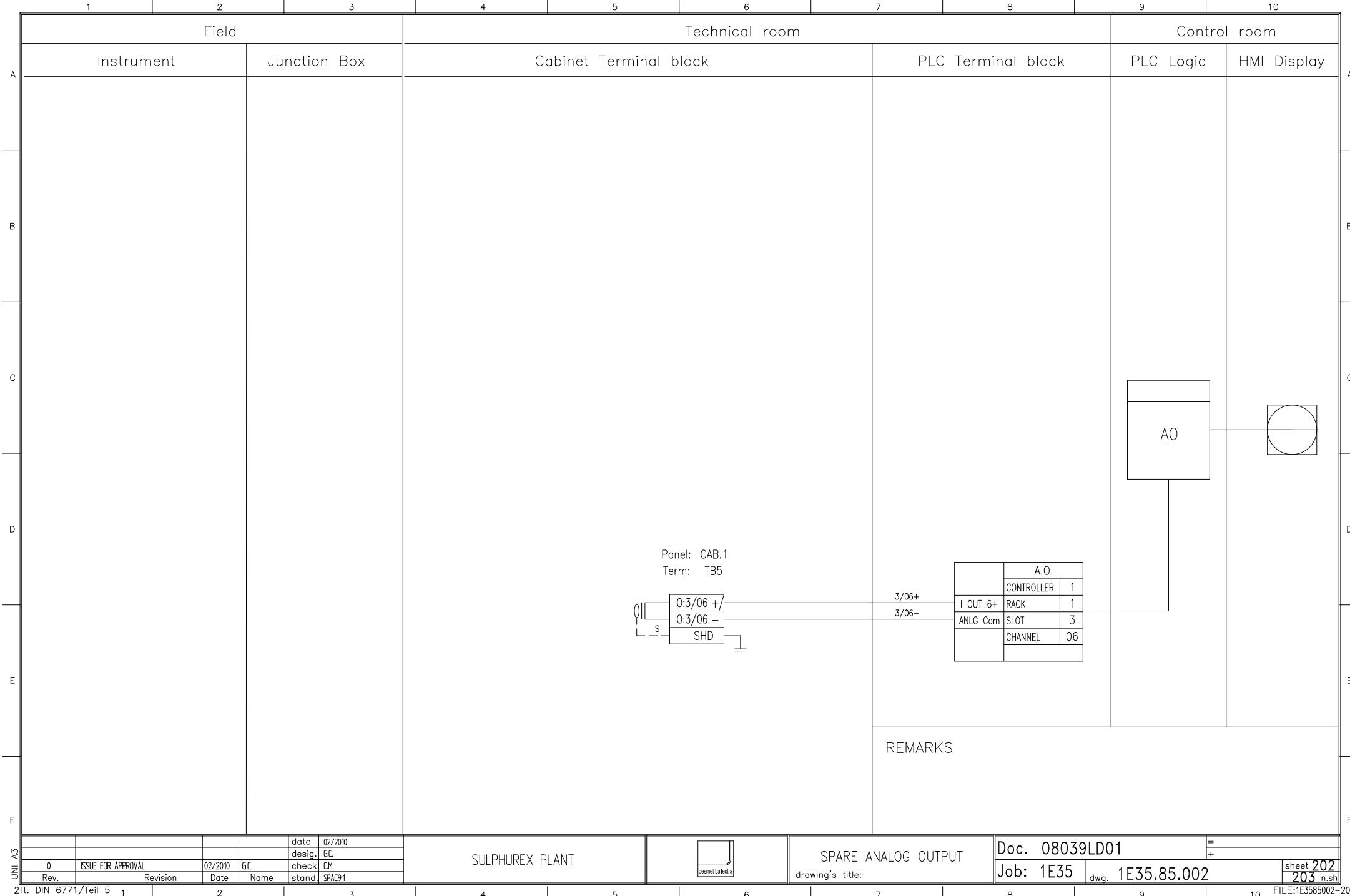
Technical room

Control room









1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room

