

COMPUTER CONTROL SYSTEM FOR SABIZ PLANT

LOOP DRAWINGS

(DESMET BALLESTRA'S SUPPLY)

INDEX - INSTRUMENT & ELECTRICAL

LOOP DIAGRAM

		The master version of this document is stored as a digital file in a database. Approval process is digitally managed and no signature is visible on the document. L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sul documento.						
Drawing supplier 08039LD03	Rev. 2							
Drawing 1E35-85-1002	Sheets 1 of 538	2	ISSUE AFTER TEST		LOGOFIVE	21.03.2011		
Plant SABIZ		1	ISSUE FOR CONSTRUCTION		LOGOFIVE	31.01.2011		
		0	ISSUE FOR APPROVAL		LOGOFIVE	16.01.2011		
	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	INDEX	x	x	x		
006	INDEX	x	x	x		
007	SYMBOLS LEGEND	x				
008	MOTOR M62CL1	x		x		
009	MOTOR M62CL1	x		x		
010	MOTOR M62CL2	x		x		
011	MOTOR M62CL2	x		x		
012	MOTOR M62CL3	x		x		
013	MOTOR M62CL3	x		x		
014	MOTOR M62CL4	x		x		
015	MOTOR M62CL4	x		x		
016	MOTOR M62CL5	x		x		
017	MOTOR M62CL5	x		x		
018	SPARE MOTOR MOT.1	x				
019	SPARE MOTOR MOT.1	x				
020	MOTOR M62CL6	x		x		
021	MOTOR M62CL6A	x		x		
022	MOTOR M62N1	x		x		
023	MOTOR M62K1	x		x		
024	MOTOR M62K2	x		x		
025	MOTOR M62K3	x		x		
026	MOTOR M62K4	x		x		
027	MOTOR M62K5	x		x		
028	MOTOR M62A1A	x		x		
029	MOTOR M62A1B	x		x		
030	MOTOR M62A2	x		x		
031	MOTOR M62F6A	x		x		
032	MOTOR M62F6B	x		x		
033	MOTOR M62P1	x		x		
034	MOTOR M62Z1	x		x		
035	MOTOR M63A1A	x		x		
036	MOTOR M63A1B	x		x		
037	MOTOR M63A2	x		x		
038	MOTOR M63A3	x		x		
039	MOTOR M63F2A	x		x		
040	MOTOR M63F2B	x		x		
041	MOTOR M63K1	x		x		
042	MOTOR M63P2A	x		x		
043	MOTOR M63P2B	x		x		
044	MOTOR M63P4A	x		x		
045	MOTOR M63P4B	x		x		

Sheet	Revisions					
	Description	0	1	2	3	4
046	MOTOR M63P5	x		x		
047	MOTOR M63P6	x		x		
048	MOTOR M63P3A	x		x		
049	MOTOR M63P3B	x		x		
050	MOTOR M63P3C	x		x		
051	MOTOR M64K2	x		x		
052	MOTOR M64K3	x		x		
053	MOTOR M64K4	x		x		
054	MOTOR M64K5	x		x		
055	MOTOR M64N1	x		x		
056	MOTOR M64P1	x		x		
057	MOTOR M64SR1	x		x		
058	MOTOR M64V3	x		x		
059	MOTOR M64K6	x		x		
060	MOTOR M64K7	x		x		
061	MOTOR M64Z1	x		x		
062	MOTOR M64Z2	x		x		
063	MOTOR M65K1	x		x		
064	MOTOR M65K2	x		x		
065	MOTOR M65MX1	x		x		
066	MOTOR M65N1	x		x		
067	MOTOR M65P1	x		x		
068	MOTOR M65Z1	x		x		
069	MOTOR M65N4	x		x		
070	MOTOR M65N5	x		x		
071	MOTOR M65N6	x		x		
072	MOTOR M65N7	x		x		
073	MOTOR M65N8	x		x		
074	MOTOR M65N9	x		x		
075	MOTOR M65K3	x		x		
076	MOTOR M65K4	x		x		
077	MOTOR M65K5	x		x		
078	MOTOR M65K6	x		x		
079	MOTOR M65K7	x		x		
080	MOTOR M65K8	x		x		
081	MOTOR M65K9	x		x		
082	SPARE MOTOR MOT.2	x				
083	SPARE MOTOR MOT.3	x				
084	SPARE MOTOR MOT.4	x				
085	SPARE MOTOR MOT.5	x				
086	SPARE MOTOR MOT.6	x				
087	BELT M64WG2	x		x		
088	BELT M64WG3	x		x		
089	BELT M64WG4	x		x		
090	BELT M65WG1	x		x		

The master version of this document is stored as a digital file in a database. Approval process is digitally managed and no signature is visible on the document.

L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sul documento.

 desmet ballestra	Drawing supplier 08039LD03	Rev. 2	Plant SABIZ			
				2	ISSUE AFTER TEST	LOGOFIVE
	Drawing 1E35-85-1002	Sheet 2	Drawing's title INDEX	1	ISSUE FOR CONSTRUCTION	LOGOFIVE
				0	ISSUE FOR APPROVAL	LOGOFIVE
			Revision	Issue description	Author	Date

Sheet	Revisions					
	Description	0	1	2	3	4
091	BELT M65WG2	x		x		
092	BELT M65WG3	x		x		
093	L.I.W. M65WG4	x		x		
094	L.I.W. M65WG5	x		x		
095	L.I.W. M65WG6A	x		x		
096	L.I.W. M65WG6B	x		x		
097	L.I.W. M65WG6C	x		x		
098	L.I.W. M65WG6D	x		x		
099	BELT / L.I.W. SPARE	x				
100	SPARE DIGITAL OUTPUT	x				
101	SPARE DIGITAL OUTPUT	x				
102	SPARE MOTOR MOT.7	x				
103	SPARE SHEET	x				
104	FILTER KC62.1	x		x		
105	FILTER KC62.2	x		x		
106	FILTER KC62.3	x		x		
107	FILTER KC62.4	x		x		
108	FILTER KC62.5	x		x		
109	FILTER KC64.1	x		x		
110	FILTER KC64.2	x		x		
111	FILTER KC64.3	x		x		
112	FILTER KC65.1	x		x		
113	FILTER KC65.2	x		x		
114	FILTER KC65.3	x		x		
115	FILTER KC65.6A	x		x		
116	FILTER KC65.6B	x		x		
117	FILTER KC65.6C	x		x		
118	FILTER KC65.6D	x		x		
119	FILTER KC65.9	x		x		
120	FILTER KC65.10	x		x		
121	SPARE DIGITAL OUTPUT	x				
122	SPARE DIGITAL OUTPUT	x				
134	SPARE DIGITAL OUTPUT	x				
135	MOTOR M64W3	x				
136	MOTOR M64W4	x				
137	MOTOR M61CL1	x				
138	MOTOR M61CL3	x				
139	MOTOR M61CL4	x				
140	MOTOR M61CL5	x				
141	MOTOR M61CL6	x				
142	MOTOR M61K1	x				
143	MOTOR M61K2	x				
144	MOTOR M61K3	x				
145	MOTOR M61K4	x				
146	MOTOR M61K5	x				

Sheet	Revisions					
	Description	0	1	2	3	4
147	MOTOR M61K6	x				
148	MOTOR M61Z1	x				
149	MOTOR M61Z3	x				
150	MOTOR M61Z4	x				
151	MOTOR M61Z5	x				
152	MOTOR M61Z6	x				
153	FILTER KC61.2	x				
154	BURNER BK64.1	x				
155	VALVE WV62.1 (62WG1)	x		x		
156	VALVE WV62.3 (62WG3)	x		x		
157	VALVE WV62.3A (62WG3A)	x		x		
158	KY62.11/A/B/C (62SR1)	x		x		
159	KY62.13 (62SR2A)	x				
160	KY62.13A (62SR2B)	x				
161	KY64.4A/C (64SR2A/C)	x				
162	KY64.4B/D (64SR2B/D)	x				
163	VALVE KV62.6A	x		x		
164	VALVE KV62.6B	x		x		
165	VALVE KV63.5	x		x		
166	VALVE KV63.6	x		x		
167	VALVE KV63.7	x		x		
168	VALVE KV63.8	x		x		
169	VALVE KV63.9	x		x		
170	VALVE KV63.10	x		x		
171	VALVE KV63.12	x		x		
172	VALVE KV63.13	x		x		
173	VALVE KV63.11A	x		x		
174	VALVE KV63.11B	x		x		
175	VALVE KV63.18A	x		x		
176	VALVE KV63.18B	x		x		
177	VALVE KV63.19A	x		x		
178	VALVE KV63.19B	x		x		
179	SPARE DIGITAL OUTPUT	x				
183	SPARE DIGITAL OUTPUT	x				
184	VALVE TV63.1A	x				
185	VALVE TV63.1B	x				
186	VALVE KV63.1	x				
187	VALVE KV63.15	x				
188	VALVE KV63.16	x				
189	VALVE HV64.1	x				
190	VALVE HV64.2	x				
191	VALVE KV64.9	x				
192	VALVE KV64.15	x				
193	VALVE KV65.10A	x				
194	VALVE KV65.10B	x				

The master version of this document is stored as a digital file in a database. Approval process is digitally managed and no signature is visible on the document.

L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sul documento.

 desmet ballestra	Drawing supplier 08039LD03	Rev. 2	Plant SABIZ			
				2	ISSUE AFTER TEST	LOGOFIVE
	Drawing 1E35-85-1002	Sheet 3	Drawing's title INDEX	1	ISSUE FOR CONSTRUCTION	LOGOFIVE
				0	ISSUE FOR APPROVAL	LOGOFIVE
				Revision	Issue description	Author
						Date

Sheet	Revisions					
	Description	0	1	2	3	4
195	VALVE KV65.10C	x				
196	VALVE KV65.10D	x				
197	VALVE KV65.10E	x				
198	VALVE KV65.10F	x				
199	VALVE KV65.10G	x				
200	VALVE KV65.10H	x				
201	VALVE KV65.10.I	x				
202	VALVE KV65.19	x				
203	VALVE KV65.21	x				
204	VALVE KV65.11A	x				
205	VALVE KV65.11B	x				
206	VALVE KV65.11C	x				
207	VALVE KV65.11D	x				
208	VALVE KV65.11E	x				
209	VALVE KV65.11F	x				
210	VALVE KV65.11G	x				
211	VALVE KV65.11H	x				
212	VALVE KV65.11.I	x				
213	VALVE KV65.12A	x				
214	VALVE KV65.12B	x				
215	VALVE KV65.12C	x				
216	VALVE KV65.12D	x				
217	VALVE KV65.12E	x				
218	VALVE KV65.12F	x				
219	VALVE KV65.12G	x				
220	VALVE KV65.12H	x				
221	VALVE KV65.12.I	x				
222	VALVE KV65.20	x				
223	VALVE KV65.18	x				
224	VALVE KV65.13A	x				
225	VALVE KV65.13B	x				
226	VALVE KV65.13C	x				
227	VALVE KV65.13D	x				
228	VALVE KV65.13E	x				
229	VALVE KV65.13F	x				
230	VALVE KV65.13G	x				
231	VALVE KV65.13H	x				
232	VALVE KV65.13.I	x				
233	PIPE CONNECT. ZS61.1, 2, 3	x				
234	PIPE CONNECT. ZS61.4, 5, 6	x				
235	PIPE CONNECT. ZS61.7, 8, 9	x				
236	VALVE KY65.27A	x				
237	VALVE KY65.27B	x				
238	VALVE KY65.28A	x	x			
239	VALVE HV62.4	x				

Sheet	Revisions					
	Description	0	1	2	3	4
240	VALVE HV62.5	x				
241	SPARE SHEET	x				
242	VALVE KY65.28B	x		x		
243	SPARE VALVE KY2	x				
244	SPARE VALVE KY3	x				
245	SPARE VALVE KY4	x				
246	SPARE VALVE KY5	x				
247	SPARE VALVE KY6	x				
248	SPARE VALVE KY7	x				
249	SPARE VALVE KY8	x				
250	SPARE VALVE KY9	x				
251	SPARE VALVE KY10	x				
252	SPARE VALVE KY11	x				
253	SPARE DIGITAL OUTPUT	x				
271	SPARE DIGITAL OUTPUT	x				
272	WK63.1 - WIT63.1	x				
273	WK63.2 - WIT63.2	x				
274	WK63.1A - WIT63.1A	x				
275	WK63.1B - WIT63.1B	x				
276	SPARE DIGITAL INPUT	x				
282	SPARE DIGITAL INPUT	x				
283	VALVE HV64.8	x				
284	SPARE DIGITAL INPUT	x				
287	SPARE DIGITAL INPUT	x				
288	VALVE HV63.2A	x				
289	VALVE HV63.2B	x				
290	VALVE HV63.3A	x				
291	VALVE HV63.3B	x				
292	VALVE HV63.3C	x				
293	VALVE HV63.4A	x				
294	VALVE HV63.4B	x				
295	SPARE DIGITAL INPUT	x				
326	SPARE DIGITAL INPUT	x				
327	SPARE DIGITAL INPUT	x				
356	SPARE DIGITAL INPUT	x				
357	SPARE DIGITAL INPUT	x				
380	SPARE DIGITAL INPUT	x				
381	PSH61.1, PSH61.3, PSH61.4	x				
382	PSH61.5, PSH61.6	x				
383	LEVEL SWITCH LSH/L62.1	x	x			
384	LEVEL SWITCH LSH/L62.2	x	x			
385	LEVEL SWITCH LSH/L62.3	x	x			
386	LEVEL SWITCH LSH/L62.4	x	x			
387	LEVEL SWITCH LSH/L62.5	x	x			
388	LEVEL SWITCH LSL62.6, 6A	x	x			

The master version of this document is stored as a digital file in a database. Approval process is digitally managed and no signature is visible on the document.

L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sul documento.

 desmet ballestra	Drawing supplier 08039LD03	Rev. 2	Plant SABIZ			
				2	ISSUE AFTER TEST	LOGOFIVE
	Drawing 1E35-85-1002	Sheet 4	Drawing's title INDEX	1	ISSUE FOR CONSTRUCTION	LOGOFIVE
				0	ISSUE FOR APPROVAL	LOGOFIVE
				Revision	Issue description	Author
						Date

Sheet	Revisions					
	Description	0	1	2	3	4
389	LEVEL SWITCH LSH/L62.8	x		x		
390	LEVEL SWITCH LSH/L63.1	x		x		
391	LEVEL SWITCH LSH/L63.6	x		x		
392	LEVEL SWITCH LSH/L64.3	x		x		
393	LEVEL SWITCH LSH/L64.4	x		x		
394	LEVEL SWITCH LSL64.7	x		x		
395	LEVEL SWITCH LSH/L64.10	x				
396	LEVEL SWITCH LSH/L65.1	x		x		
397	LEVEL SWITCH LSH/L65.2	x		x		
398	LEVEL SWITCH LSH/L65.6A	x		x		
399	LEVEL SWITCH LSH/L65.6B	x		x		
400	LEVEL SWITCH LSH/L65.6C	x		x		
401	LEVEL SWITCH LSH/L65.6D	x		x		
402	LEVEL SWITCH LSL65.3	x		x		
403	LEVEL SWITCH LSL65.4	x		x		
404	LEVEL SWITCH LSL65.5	x		x		
405	LEVEL SWITCH LSH/L65.7	x		x		
406	TEMPERATURE SWITCH TSHH64.11	x				
407	PRESSURE SWITCH PISHL63.2A	x				
408	PRESSURE SWITCH PISHL63.2B	x				
409	PRESSURE SWITCH PISHL63.8A	x				
410	PRESSURE SWITCH PISHL63.8B	x				
411	PRESSURE SWITCH PISH63.3	x				
412	PRESSURE SWITCH PISH64.6, 7	x				
413	PRESSURE SWITCH PSH65.1, 2	x				
414	PRESSURE SWITCH PSL65.1	x				
415	LEVEL SWITCH LSH/L65.10A	x		x		
416	LEVEL SWITCH LSH/L65.10B	x		x		
417	LEVEL SWITCH LSH/L65.10C	x		x		
418	LEVEL SWITCH LSH/L65.10D	x		x		
419	LEVEL SWITCH LSH/L65.10E	x		x		
420	LEVEL SWITCH LSH/L65.10F	x		x		
421	LEVEL SWITCH LSH/L65.10G	x		x		
422	LEVEL SWITCH LSH/L65.10H	x		x		
423	LEVEL SWITCH LSH/L65.10.I	x		x		
424	LEVEL SWITCH LSH/L65.10L	x		x		
425	LEVEL SWITCH LSH/L65.11A	x		x		
426	LEVEL SWITCH LSH/L65.11B	x		x		
427	LEVEL SWITCH LSH/L65.11C	x		x		
428	LEVEL SWITCH LSH/L65.11D	x		x		
429	LEVEL SWITCH LSH/L65.11E	x		x		
430	LEVEL SWITCH LSH/L65.11F	x		x		
431	LEVEL SWITCH LSH/L65.11G	x		x		
432	LEVEL SWITCH LSH/L65.11H	x		x		
433	LEVEL SWITCH LSH/L65.11.I	x		x		

Sheet	Revisions					
	Description	0	1	2	3	4
434	LEVEL SWITCH LSH/L65.11L	x		x		
435	LEVEL SWITCH LSH/L65.12A	x		x		
436	LEVEL SWITCH LSH/L65.12B	x		x		
437	LEVEL SWITCH LSH/L65.12C	x		x		
438	LEVEL SWITCH LSH/L65.12D	x		x		
439	LEVEL SWITCH LSH/L65.12E	x		x		
440	LEVEL SWITCH LSH/L65.12F	x		x		
441	LEVEL SWITCH LSH/L65.12G	x		x		
442	LEVEL SWITCH LSH/L65.12H	x		x		
443	LEVEL SWITCH LSH/L65.12.I	x		x		
444	LEVEL SWITCH LSH/L65.12L	x		x		
445	LEVEL SWITCH LSH/L65.13A	x		x		
446	LEVEL SWITCH LSH/L65.13B	x		x		
447	LEVEL SWITCH LSH/L65.13C	x		x		
448	LEVEL SWITCH LSH/L65.13D	x		x		
449	LEVEL SWITCH LSH/L65.13E	x		x		
450	LEVEL SWITCH LSH/L65.13F	x		x		
451	LEVEL SWITCH LSH/L65.13G	x		x		
452	LEVEL SWITCH LSH/L65.13H	x		x		
453	LEVEL SWITCH LSH/L65.13.I	x		x		
454	LEVEL SWITCH LSH/L65.13L	x		x		
455	LEVEL SWITCH LSH/L63.10	x		x		
456	LEVEL SWITCH LSH/L63.11	x		x		
457	LEVEL SWITCH LSH/L63.12	x		x		
458	SPARE DIGITAL INPUT	x				
469	SPARE DIGITAL INPUT	x				
470	WEIGHT TRANSMITTER WIT62.1	x				
471	WEIGHT TRANSMITTER WIT62.3	x				
472	WEIGHT TRANSMITTER WIT62.3A	x				
473	WEIGHT TRANSMITTER WIT63.10	x				
474	DOSING BELT 64WG2	x		x		
475	LT64.6 - DT64.2	x		x		
476	DOSING BELT 64WG3	x				
477	DOSING BELT 64WG4	x				
478	DOSING BELT 65WG1	x		x		
479	DOSING BELT 65WG2	x		x		
480	DOSING BELT 65WG3	x		x		
481	L.I.W. 65WG4	x		x		
482	L.I.W. 65WG5	x		x		
483	L.I.W. 65WG6A	x		x		
484	L.I.W. 65WG6B	x		x		
485	L.I.W. 65WG6C	x		x		
486	L.I.W. 65WG6D	x		x		
487	TE/TT63.1A - TE/TT63.1B	x				
488	PID CONTROLLER TIC63.2	x				

The master version of this document is stored as a digital file in a database. Approval process is digitally managed and no signature is visible on the document.

L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sul documento.

 desmet ballestra	Drawing supplier 08039LD03	Rev. 2	Plant SABIZ			
				2	ISSUE AFTER TEST	LOGOFIVE
	Drawing 1E35-85-1002	Sheet 5	Drawing's title INDEX	1	ISSUE FOR CONSTRUCTION	LOGOFIVE
				0	ISSUE FOR APPROVAL	LOGOFIVE
				Revision	Issue description	Author
						Date

The master version of this document is stored as a digital file in a database. Approval process is digitally managed and no signature is visible on the document.

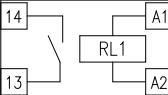
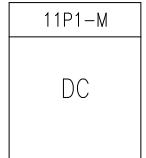
L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sul documento.



LOGO AUTOMATION + PROCESS CONTROL	Drawing supplier 08039LD03	Rev. 2	Plant SABIZ				
				2	ISSUE AFTER TEST	LOGOFIVE	21.03.2011
				1	ISSUE FOR CONSTRUCTION	LOGOFIVE	31.01.2011
				0	ISSUE FOR APPROVAL	LOGOFIVE	16.01.2011
				Revision	Issue description	Author	Date

1 2 3 4 5 6 7 8 9 10

SYMBOLS LEGEND

A		= 24Vdc RELAY MODULE	<table border="1" data-bbox="853 230 1043 389"> <tr><td>FLEX I/O</td><td>DI17</td></tr> <tr><td>NODE</td><td>5</td></tr> <tr><td>0</td><td>MODULE 1</td></tr> <tr><td>ADDRESS</td><td>50</td></tr> <tr><td>CHANNEL</td><td>00</td></tr> <tr><td colspan="2">M62CL1</td></tr> </table>	FLEX I/O	DI17	NODE	5	0	MODULE 1	ADDRESS	50	CHANNEL	00	M62CL1		= DIGITAL INPUT MODULE	<table border="1" data-bbox="1560 230 1751 389"> <tr><td>FLEX I/O</td><td>AI1</td></tr> <tr><td>NODE</td><td>2</td></tr> <tr><td>A0</td><td>MODULE 4</td></tr> <tr><td>B17</td><td>ADDRESS 23</td></tr> <tr><td>CHANNEL</td><td>00</td></tr> <tr><td colspan="2">WIT 62.1</td></tr> </table>	FLEX I/O	AI1	NODE	2	A0	MODULE 4	B17	ADDRESS 23	CHANNEL	00	WIT 62.1		= ANALOG INPUT MODULE
FLEX I/O	DI17																													
NODE	5																													
0	MODULE 1																													
ADDRESS	50																													
CHANNEL	00																													
M62CL1																														
FLEX I/O	AI1																													
NODE	2																													
A0	MODULE 4																													
B17	ADDRESS 23																													
CHANNEL	00																													
WIT 62.1																														
B		= TERMINAL	<table border="1" data-bbox="853 436 1043 595"> <tr><td>FLEX I/O</td><td>D01</td></tr> <tr><td>NODE</td><td>5</td></tr> <tr><td>2</td><td>MODULE 3</td></tr> <tr><td>ADDRESS</td><td>52</td></tr> <tr><td>CHANNEL</td><td>02</td></tr> <tr><td colspan="2">M62CL1</td></tr> </table>	FLEX I/O	D01	NODE	5	2	MODULE 3	ADDRESS	52	CHANNEL	02	M62CL1		= DIGITAL OUTPUT MODULE	<table border="1" data-bbox="1560 436 1751 595"> <tr><td>FLEX I/O</td><td>A03</td></tr> <tr><td>NODE</td><td>2</td></tr> <tr><td>A10</td><td>MODULE 3</td></tr> <tr><td>B26</td><td>ADDRESS 22</td></tr> <tr><td>CHANNEL</td><td>05</td></tr> <tr><td colspan="2">HY64.8 I/P</td></tr> </table>	FLEX I/O	A03	NODE	2	A10	MODULE 3	B26	ADDRESS 22	CHANNEL	05	HY64.8 I/P		= ANALOG OUTPUT MODULE
FLEX I/O	D01																													
NODE	5																													
2	MODULE 3																													
ADDRESS	52																													
CHANNEL	02																													
M62CL1																														
FLEX I/O	A03																													
NODE	2																													
A10	MODULE 3																													
B26	ADDRESS 22																													
CHANNEL	05																													
HY64.8 I/P																														
C		= TERMINAL WITH FUSE		= SOFTWARE CONTROL BLOCK																										
E	NOTES :	REFERENCE DRAWINGS 1E35.85.1001 – CCS WIRING DIAGRAMS Rev.2 1E35.75.1001 – WIRING DIAGRAMS 1E35.80.1102 – I/O LIST Rev.4																												

UNI A3	date	01/2011	desig.	GC	SABIZ PLANT		SYMBOLS LEGEND	Doc. 08039LD03	=
0	ISSUE FOR APPROVAL	01/2011	check	CM					+
Rev.	Revision	Date	Name	stand.	SPAC91		drawing's title:	Job: 1E35	dwg. 1E35.85.1002

A

B

C

D

E

F

7

8

n.sh

1 2 3 4 5 6 7 8 9 10

Electrical room
90.LVB.1

Technical room

Control room

XT-M62CL1

RUNNING
LOW SPEED

XT-M62CL1

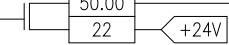
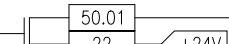
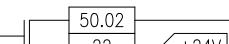
RUNNING
HIGH SPEED

XT-M62CL1



CUMULATIVE FAULT

Cabinet Terminal block

Panel: CAB.4
Term: TB7Panel: CAB.4
Term: TB7Panel: CAB.4
Term: TB7

FLEX I/O	DI17
NODE	5
0 MODULE	1
ADDRESS	50
CHANNEL	00
M62CL1	

FLEX I/O	DI17
NODE	5
1 MODULE	1
ADDRESS	50
CHANNEL	01
M62CL1	

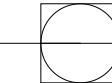
FLEX I/O	DI17
NODE	5
2 MODULE	1
ADDRESS	50
CHANNEL	02
M62CL1	

PLC Logic

HMI Display

M62CL1

DC



REMARKS MOTOR CONTROL : Ref. Sheet 9

2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



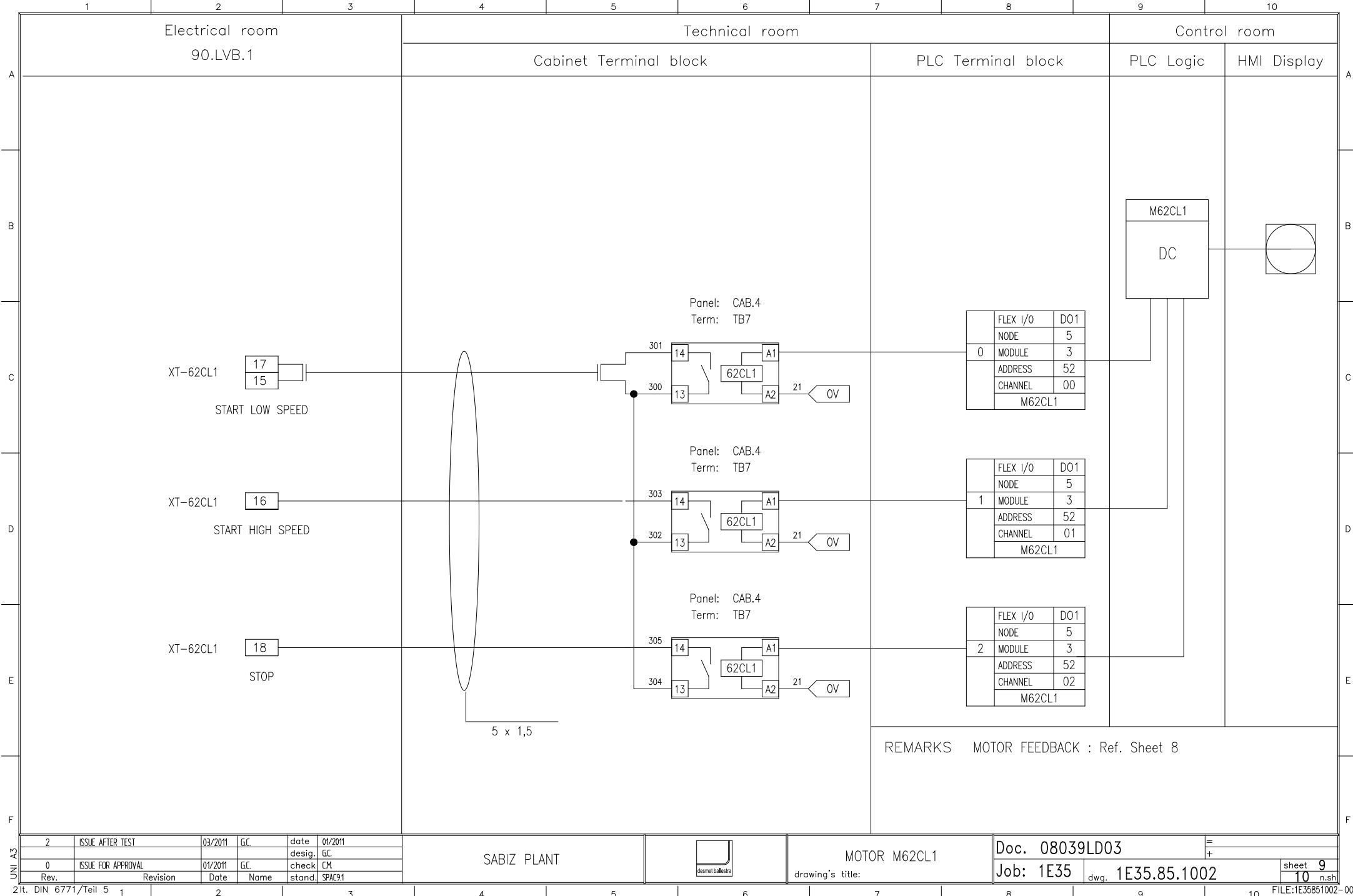
MOTOR M62CL1

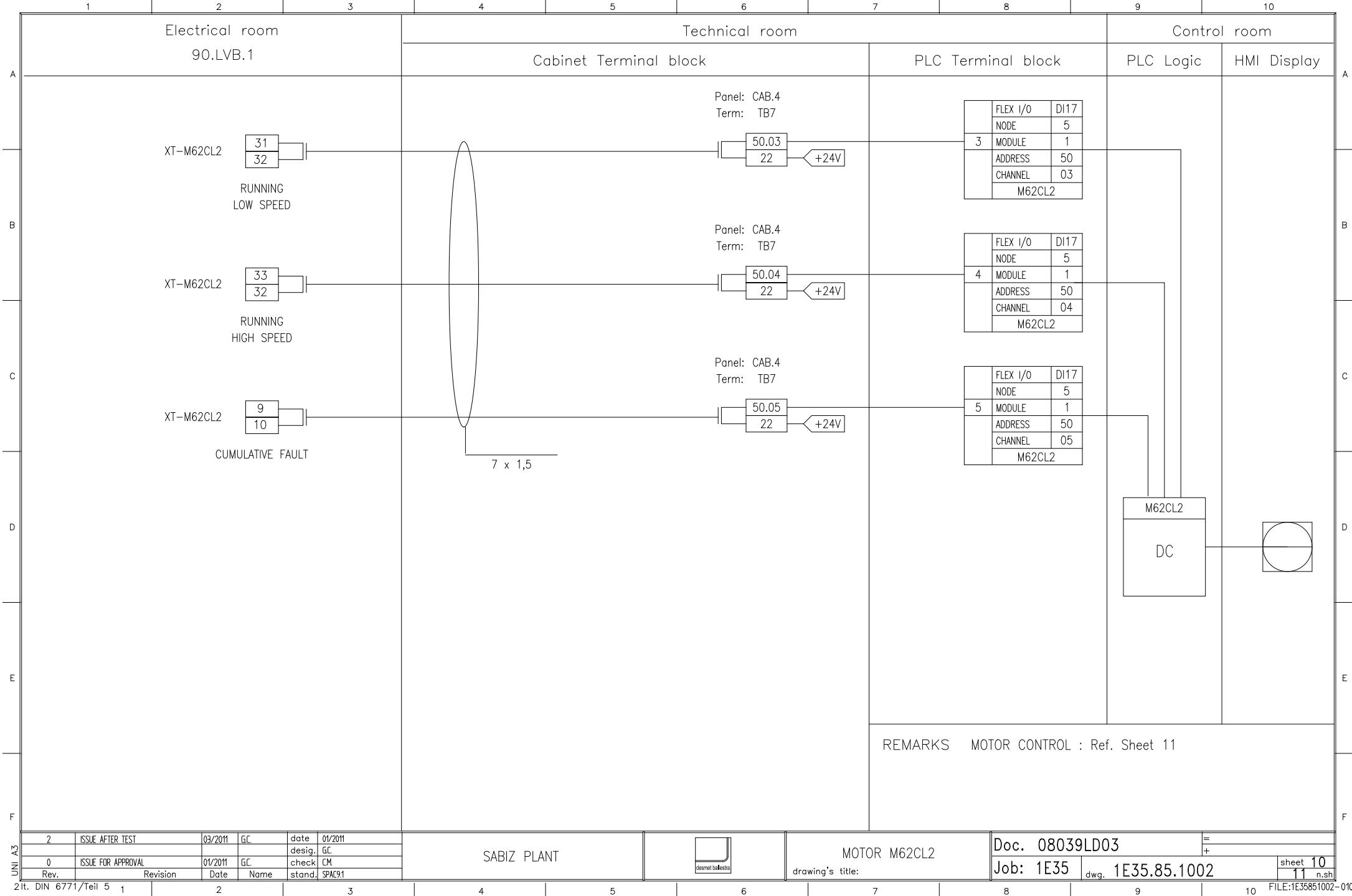
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 8
9 n.sh





1 2 3 4 5 6 7 8 9 10

Electrical room
90.LVB.1

Technical room

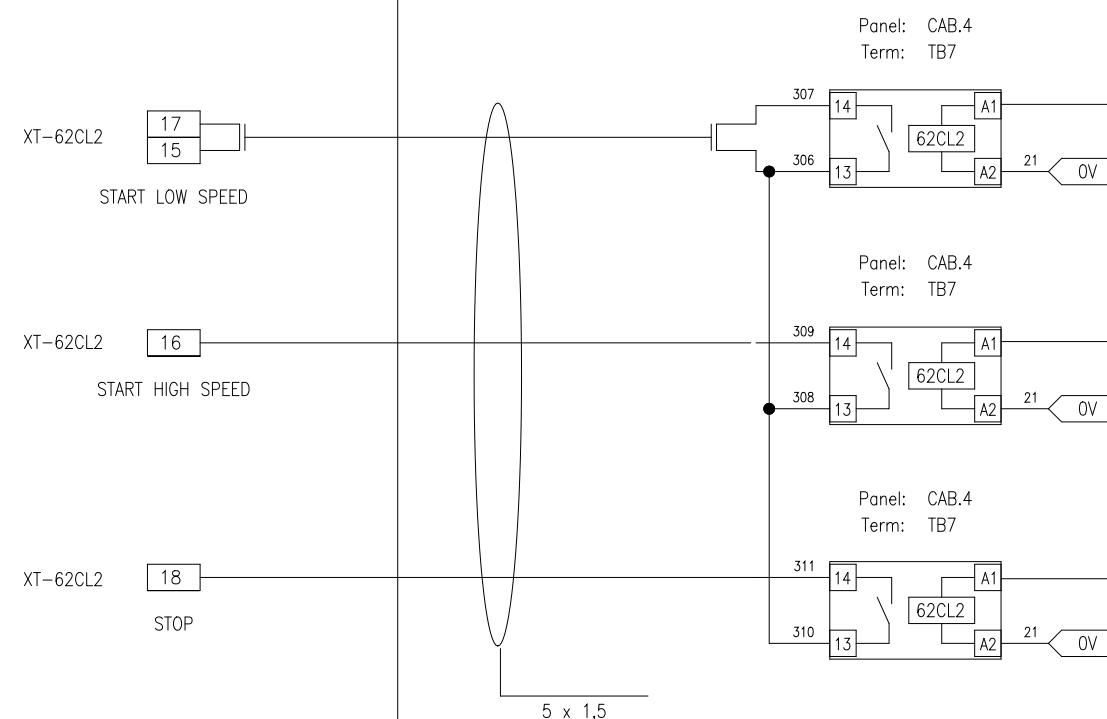
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



FLEX I/O	D01
NODE	5
3	MODULE 3
ADDRESS	52
CHANNEL	03
M62CL2	

FLEX I/O	D01
NODE	5
4	MODULE 3
ADDRESS	52
CHANNEL	04
M62CL2	

FLEX I/O	D01
NODE	5
5	MODULE 3
ADDRESS	52
CHANNEL	05
M62CL2	

REMARKS MOTOR FEEDBACK : Ref. Sheet 10

2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
			desig.	GL	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM

Rev. Revision Date Name stand. SPAC91

SABIZ PLANT



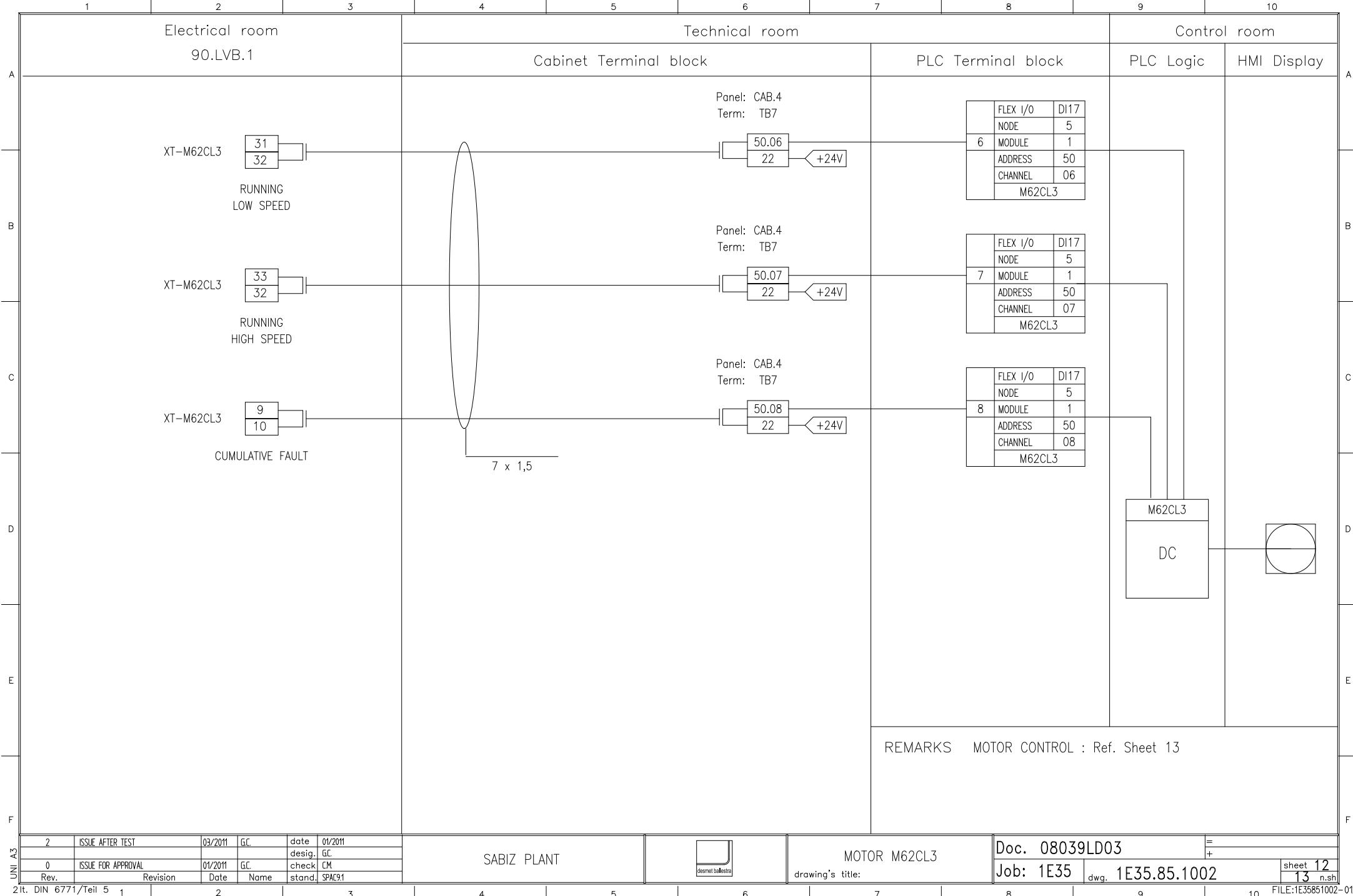
MOTOR M62CL2

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 11
12 n.sh



1 2 3 4 5 6 7 8 9 10

Electrical room
90.LVB.1

Technical room

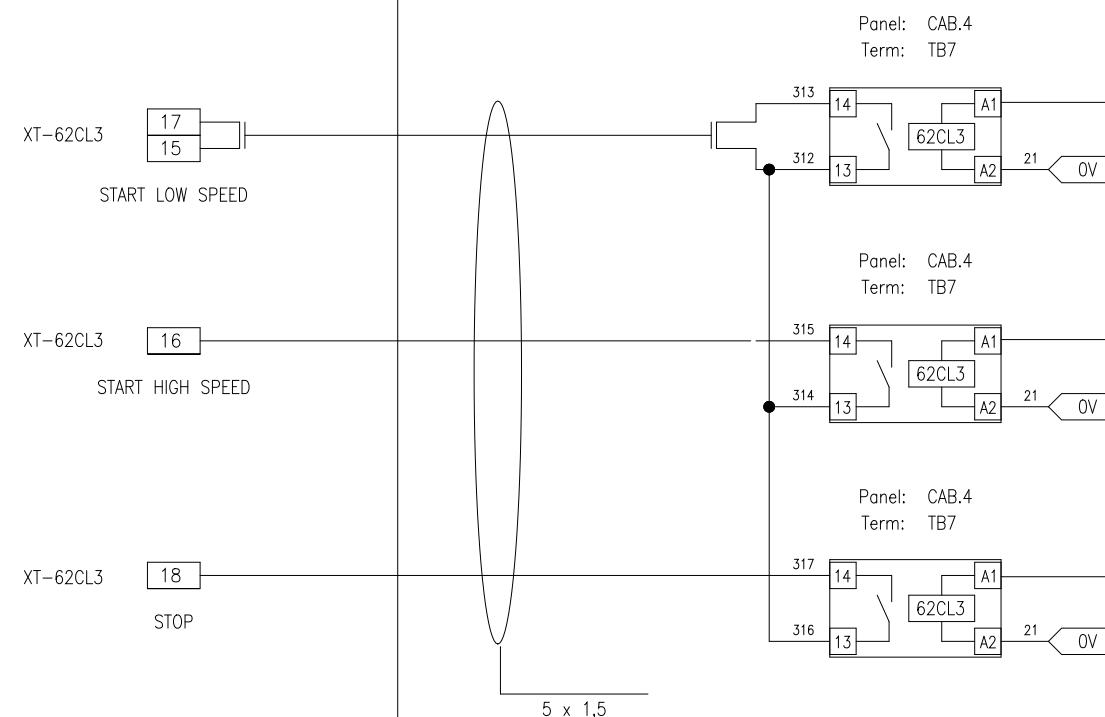
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



FLEX I/O	D01
NODE	5
MODULE	3
ADDRESS	52
CHANNEL	06
M62CL3	

FLEX I/O	D01
NODE	5
MODULE	3
ADDRESS	52
CHANNEL	07
M62CL3	

FLEX I/O	D01
NODE	5
MODULE	3
ADDRESS	52
CHANNEL	08
M62CL3	

REMARKS MOTOR FEEDBACK : Ref. Sheet 12

2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
			desig.	GL	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM

Rev. Revision Date Name stand. SPAC91

SABIZ PLANT



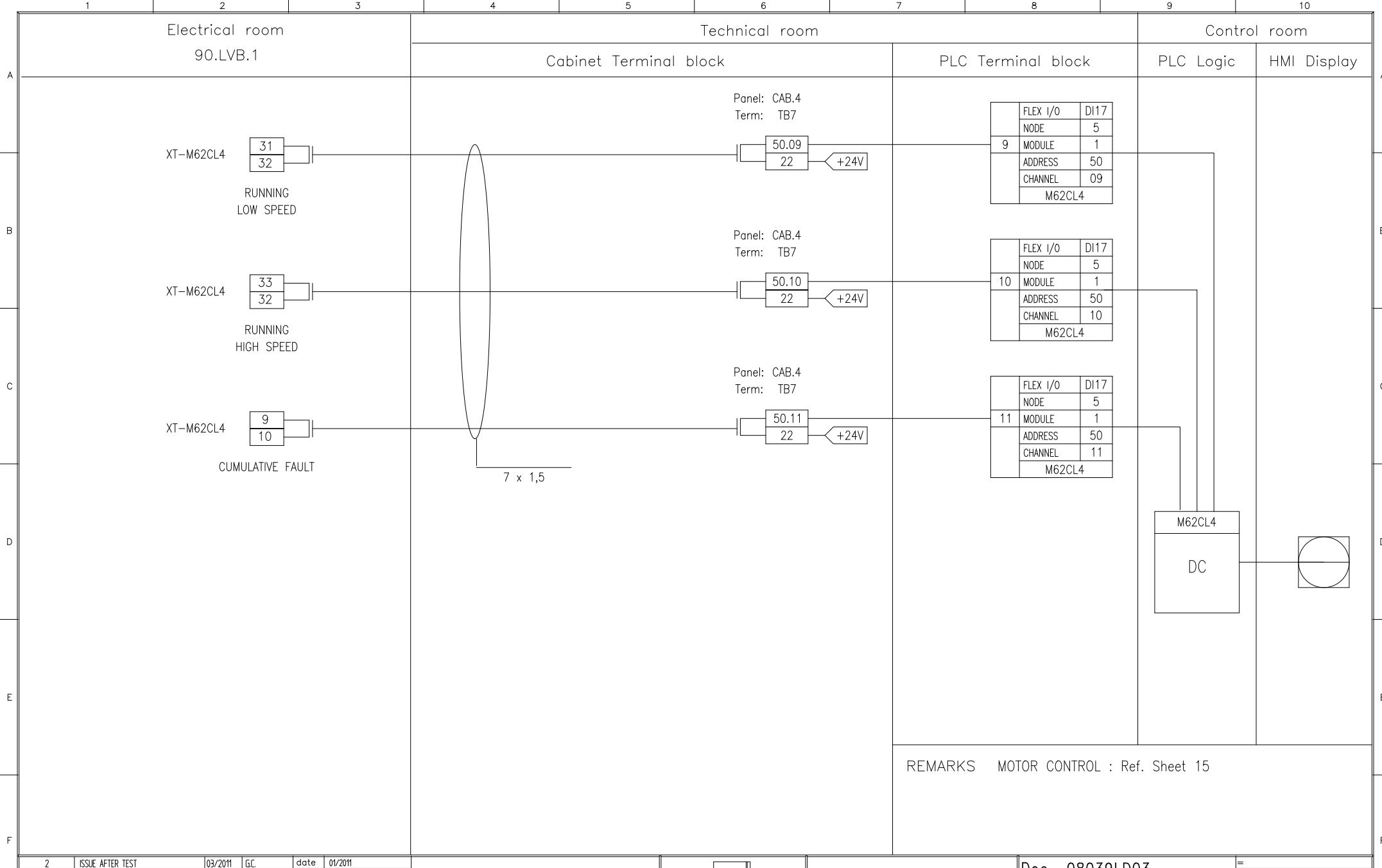
MOTOR M62CL3

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 13
14 n.sh



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E35851002-014

SABIZ PLANT



MOTOR M62CL4

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 14
15 n.sh

1 2 3 4 5 6 7 8 9 10

Electrical room
90.LVB.1

Technical room

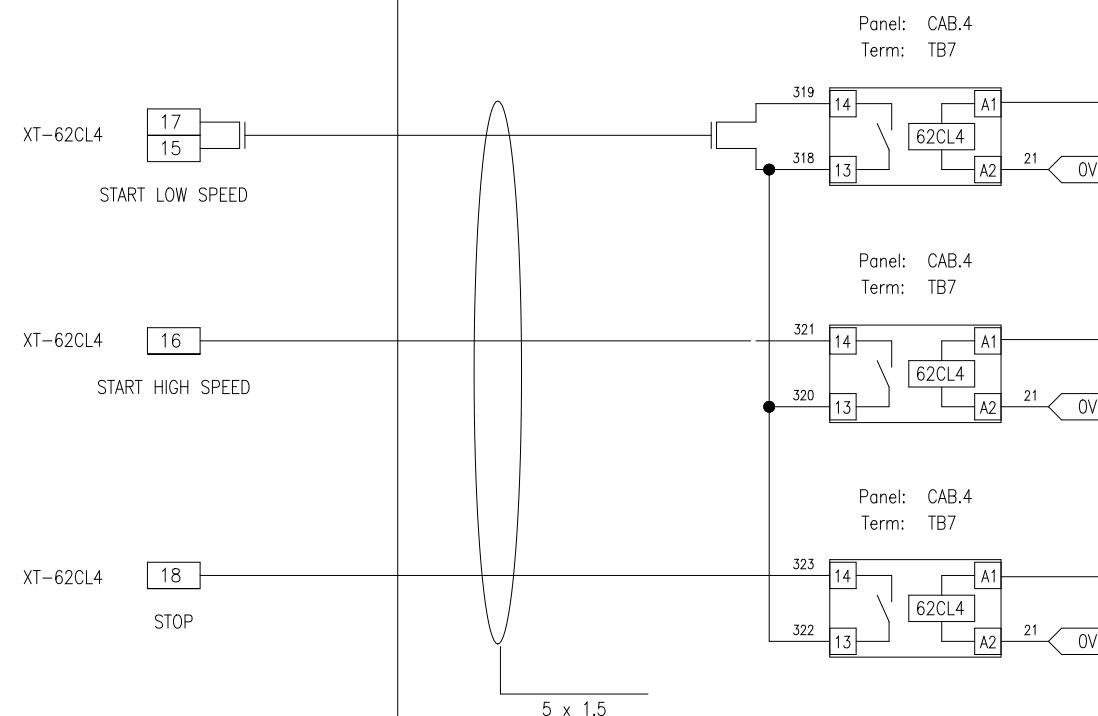
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



FLEX I/O	D01
NODE	5
9	MODULE 3
ADDRESS	52
CHANNEL	09
M62CL4	

FLEX I/O	D01
NODE	5
10	MODULE 3
ADDRESS	52
CHANNEL	10
M62CL4	

FLEX I/O	D01
NODE	5
11	MODULE 3
ADDRESS	52
CHANNEL	11
M62CL4	

REMARKS MOTOR FEEDBACK : Ref. Sheet 14

2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
			desig.	GL	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM

Rev. Revision Date Name stand. SPAC91

SABIZ PLANT



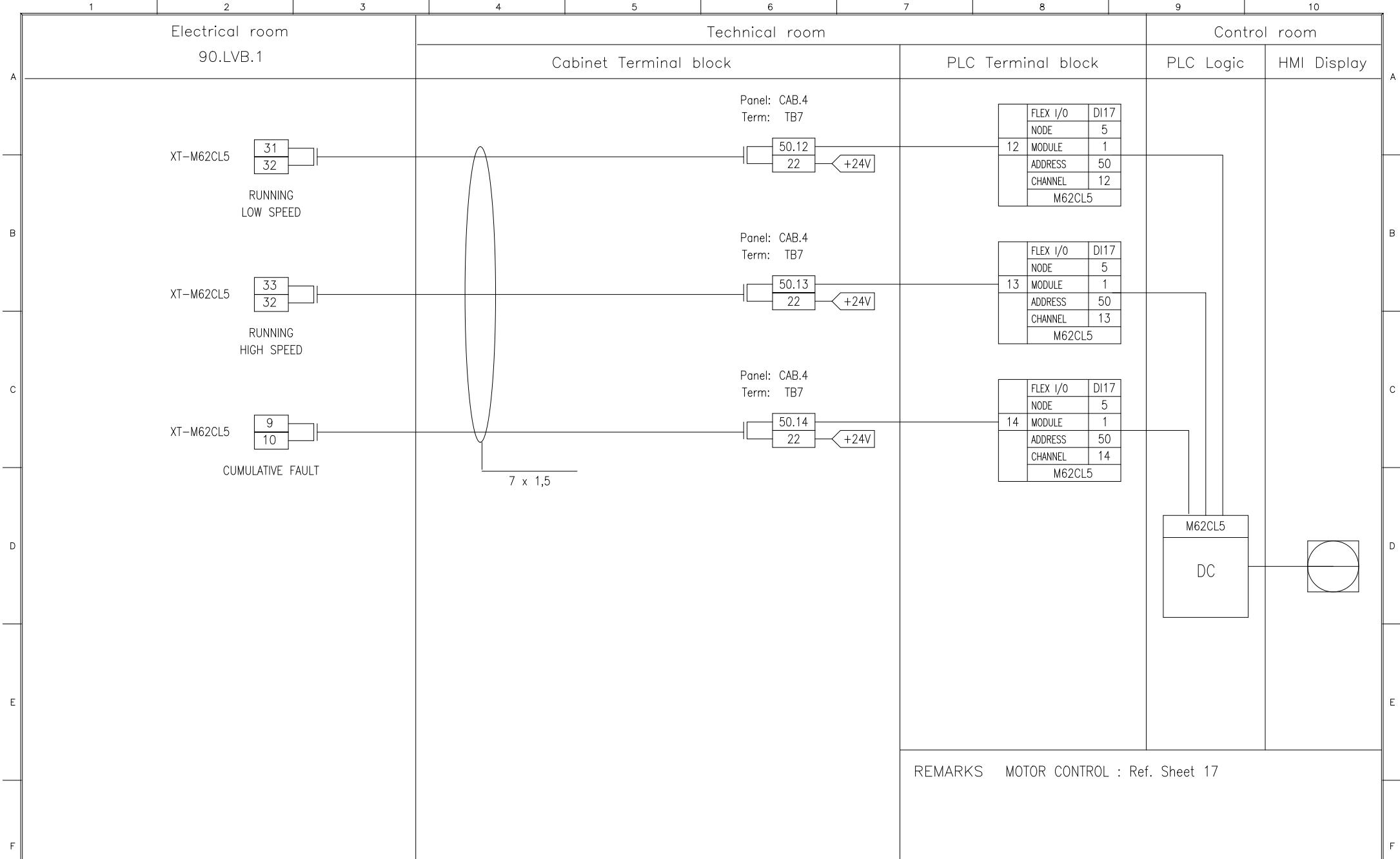
MOTOR M62CL4

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 15
16 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC.	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC.	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



MOTOR M62CL5

Doc. 08039LD03

Job: 1E35 | 1E35.85.1002

sheet 16

1 2 3 4 5 6 7 8 9 10

Electrical room
90.LVB.1

Technical room

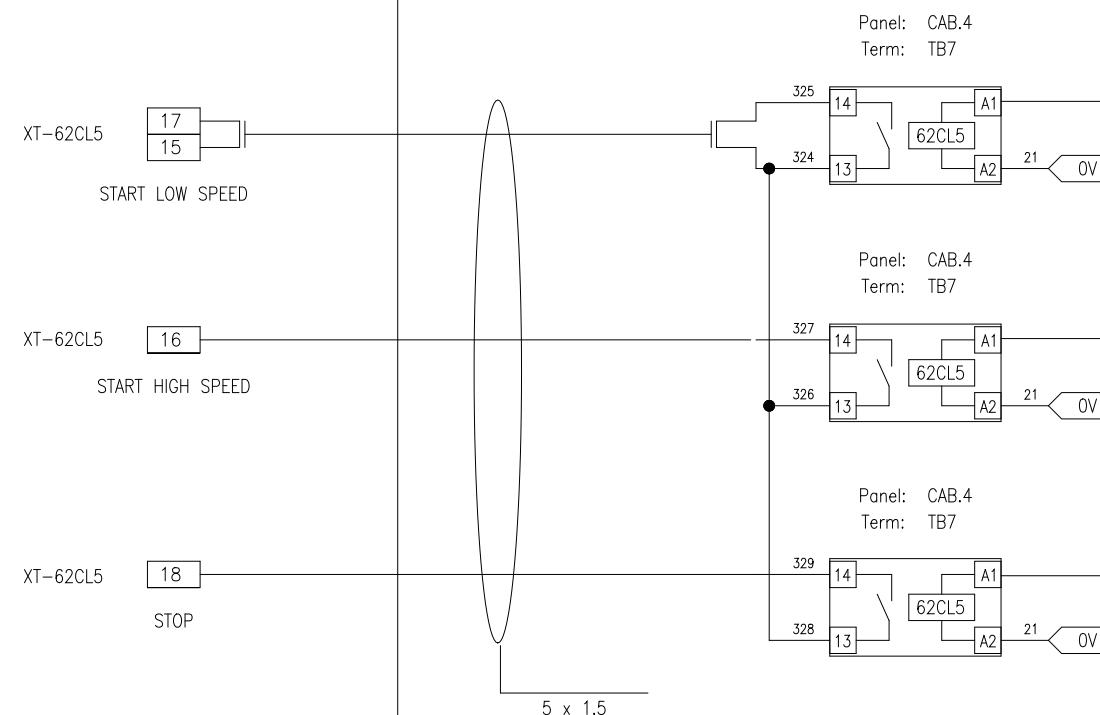
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



FLEX I/O	D01
NODE	5
12	MODULE 3
ADDRESS	52
CHANNEL	12
	M62CL5

FLEX I/O	D01
NODE	5
13	MODULE 3
ADDRESS	52
CHANNEL	13
	M62CL5

FLEX I/O	D01
NODE	5
14	MODULE 3
ADDRESS	52
CHANNEL	14
	M62CL5

REMARKS MOTOR FEEDBACK : Ref. Sheet 16

2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
			desig.	GL	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM

Rev. Revision Date Name stand. SPAC91

SABIZ PLANT



MOTOR M62CL5

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 17

18

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

A

A

B

B

C

C

D

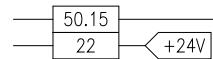
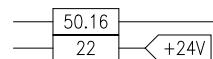
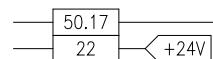
D

E

E

F

F

Panel: CAB.4
Term: TB7Panel: CAB.4
Term: TB7Panel: CAB.4
Term: TB7

FLEX I/O	DI17
NODE	5
MODULE	1
ADDRESS	50
CHANNEL	15
MOT.1	

FLEX I/O	DI17
NODE	5
MODULE	1
ADDRESS	50
CHANNEL	16
MOT.1	

FLEX I/O	DI17
NODE	5
MODULE	1
ADDRESS	50
CHANNEL	17
MOT.1	

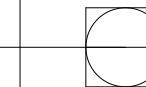
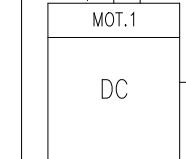
PLC Logic

HMI Display

PLC Logic

HMI Display

REMARKS MOTOR CONTROL : Ref. Sheet 19



0	ISSUE FOR APPROVAL	01/2011	date	01/2011
	Rev.	Revision	Date	Name
			stand.	SPAC91

SABIZ PLANT



SPARE MOTOR MOT.1

drawing's title:

Doc. 08039LD03

Job: 1E35

dwg. 1E35.85.1002

sheet 18

19

n.sh

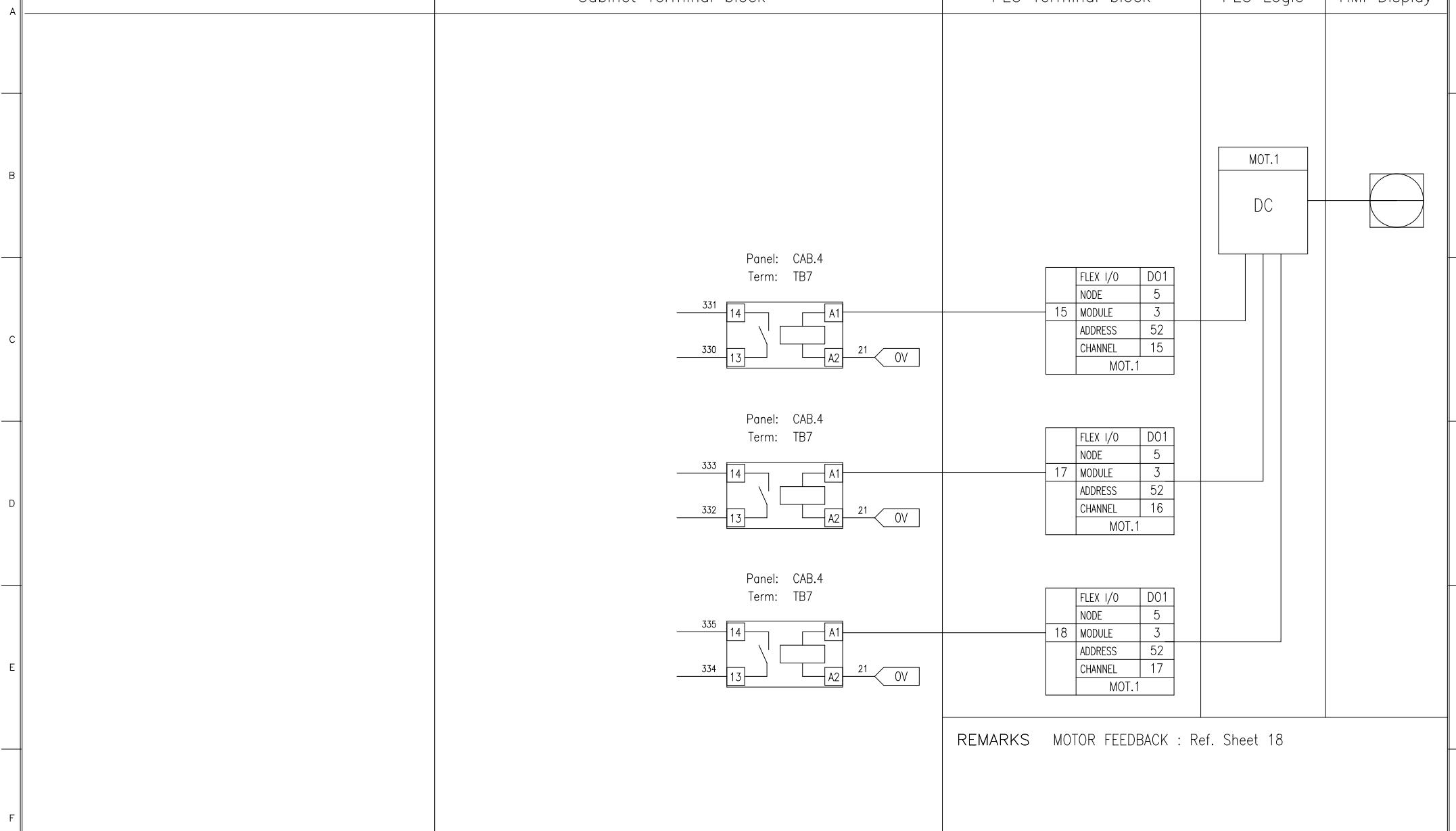
2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E35851002-018

1 2 3 4 5 6 7 8 9 10

Electrical room
90.LVB.1Technical room
Cabinet Terminal block

Technical room

Control room

PLC Logic
HMI Display

UNI A3					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT



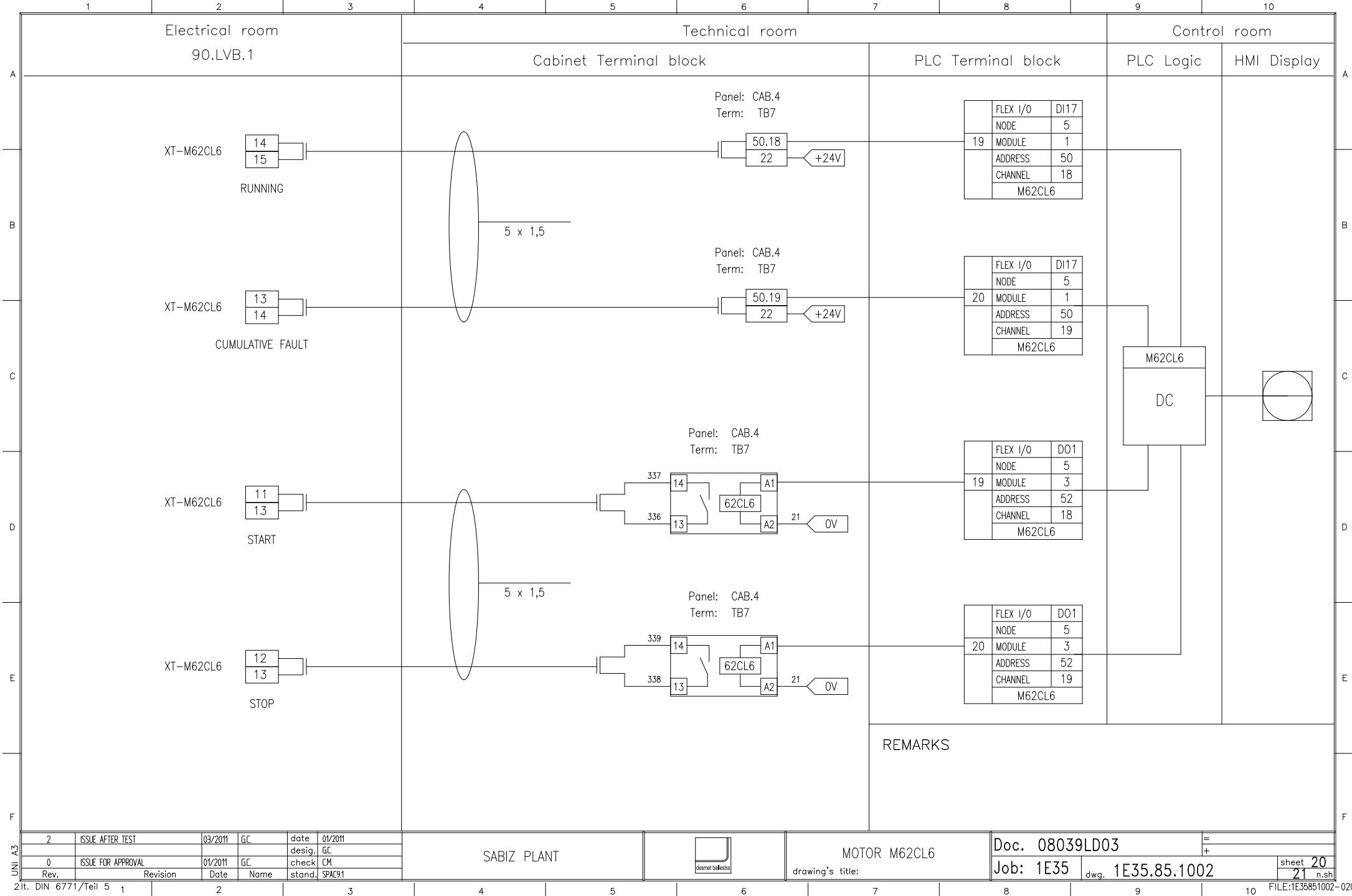
SPARE MOTOR MOT.1

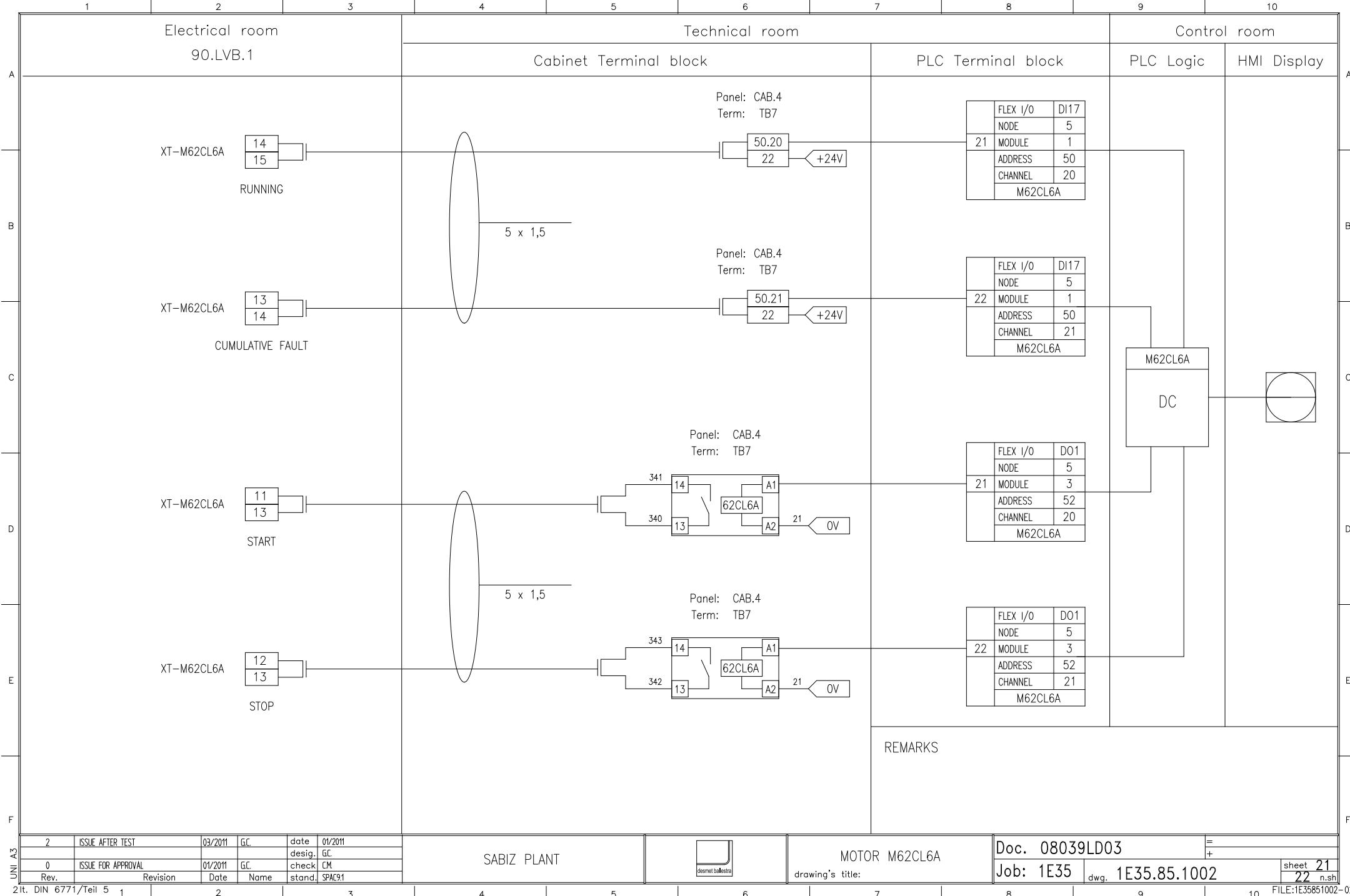
drawing's title:

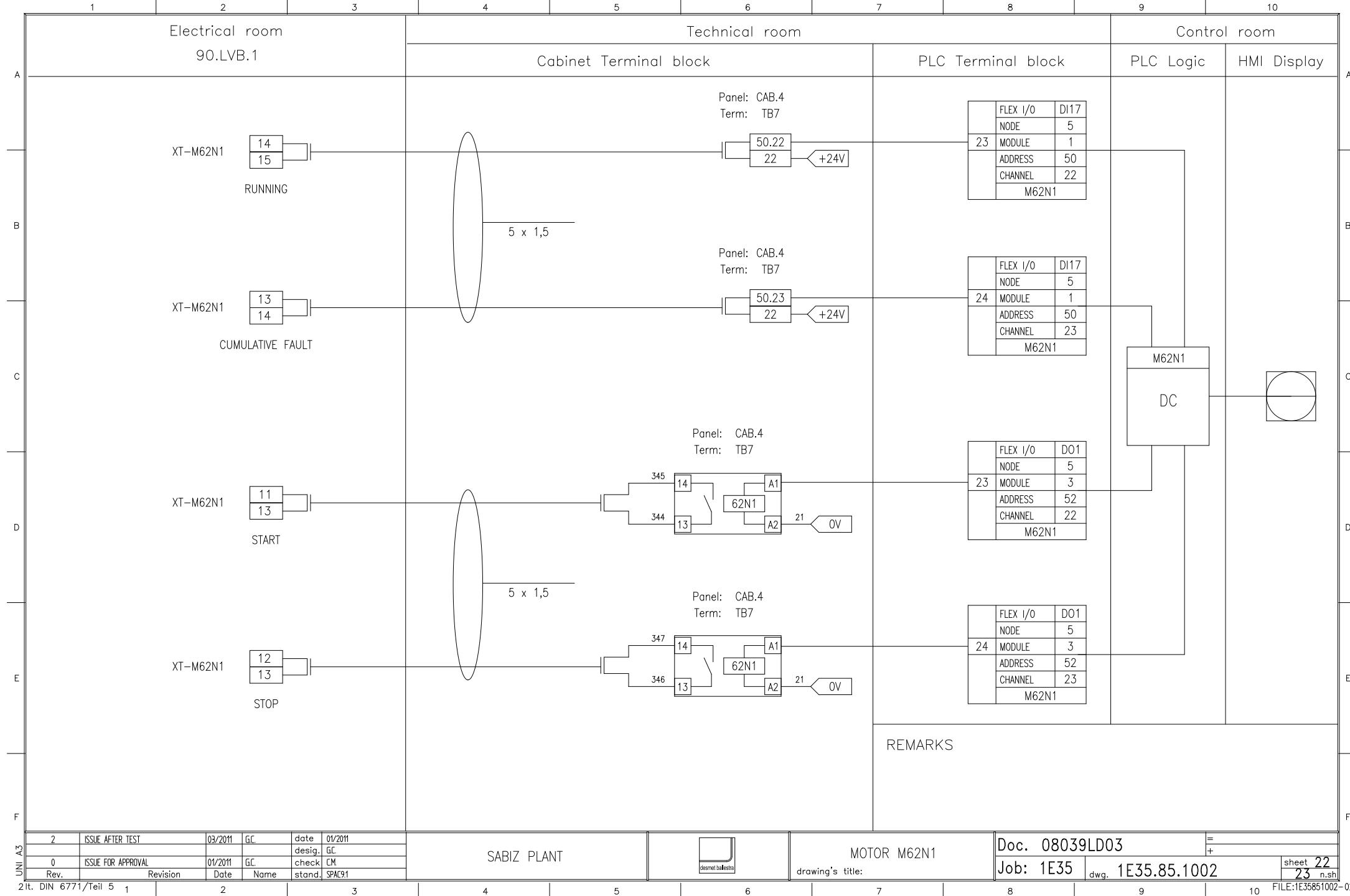
Doc. 08039LD03

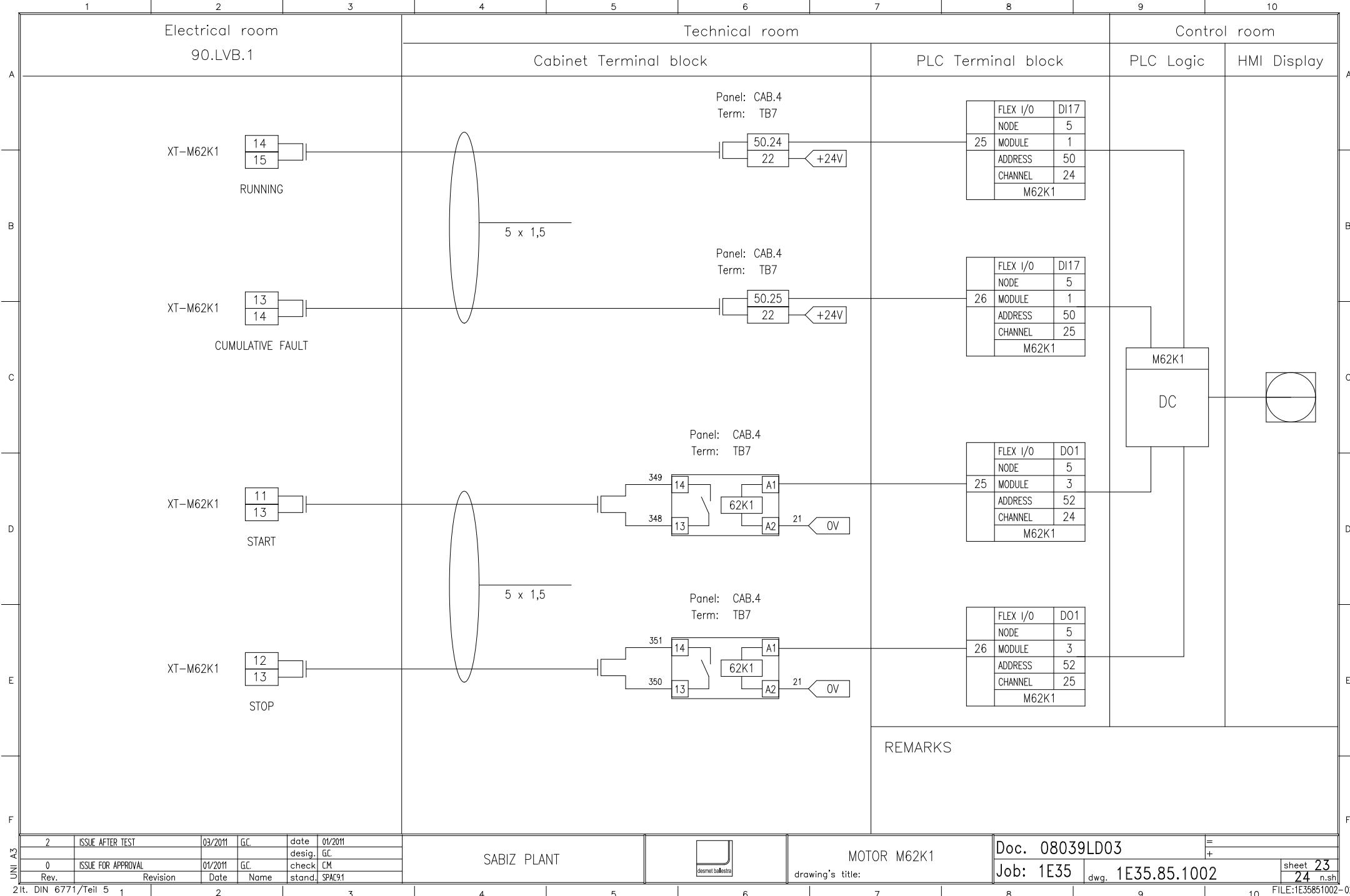
Job: 1E35 dwg. 1E35.85.1002

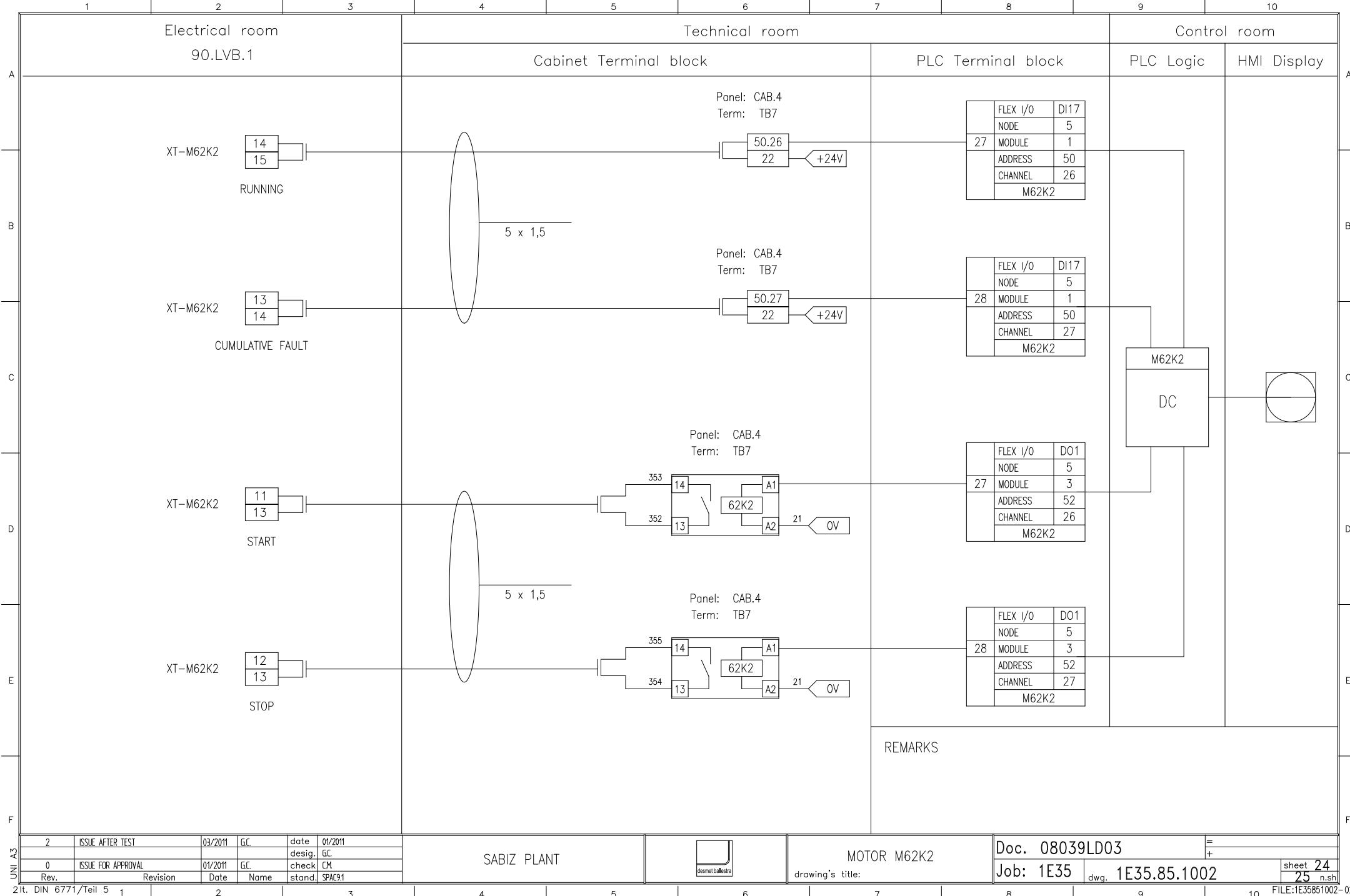
sheet 19
20 n.sh

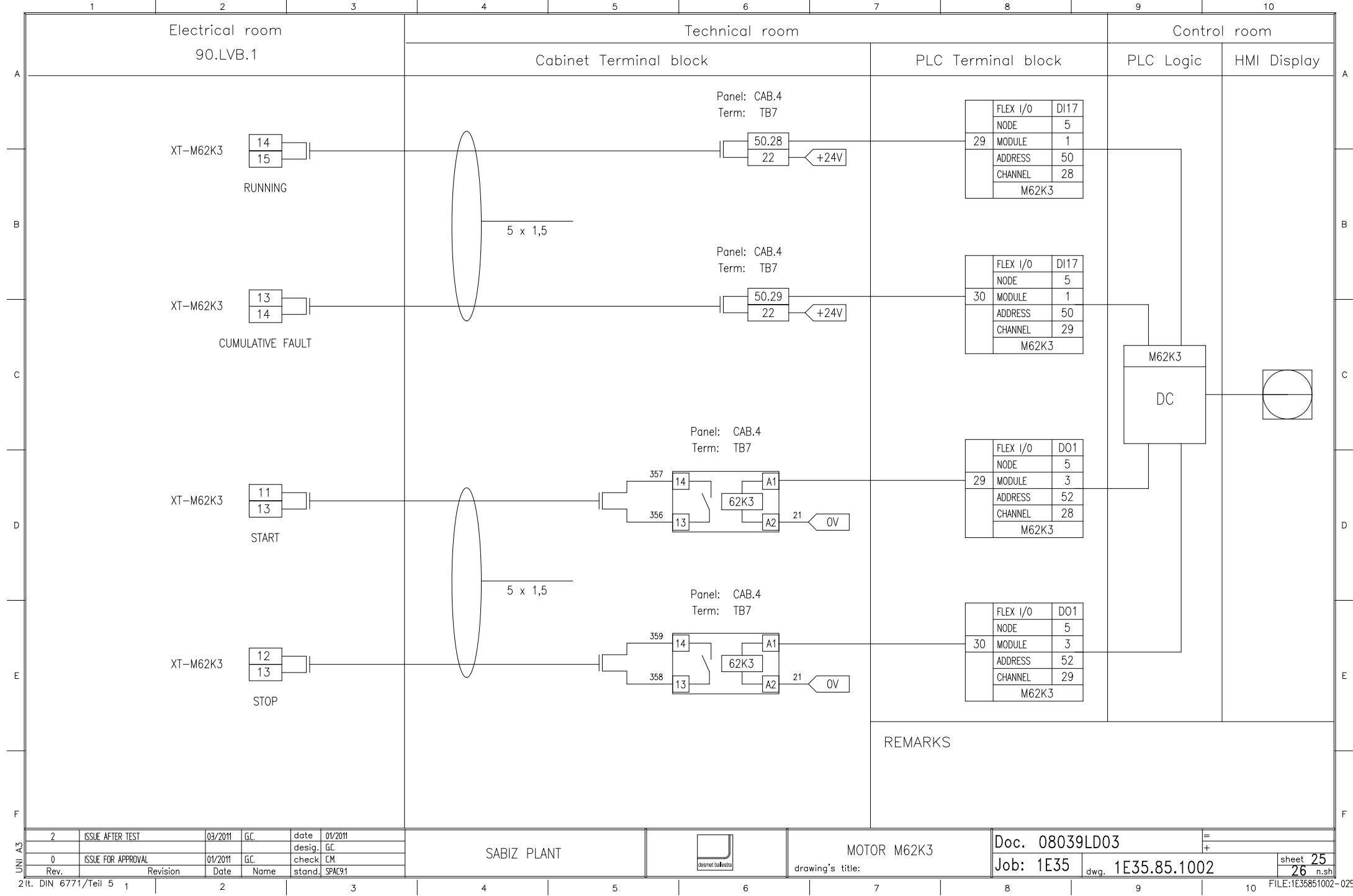












UNI A.3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

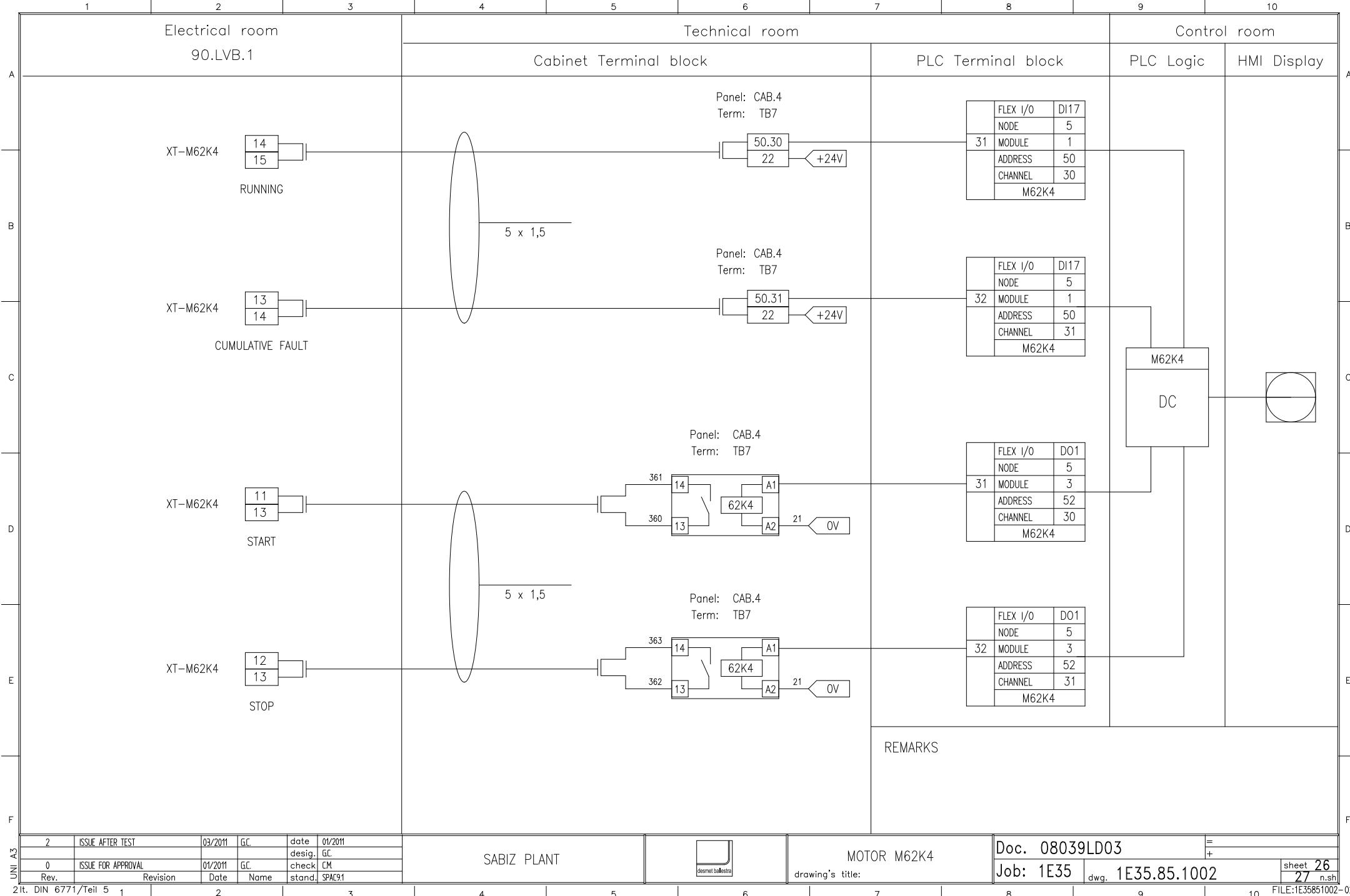


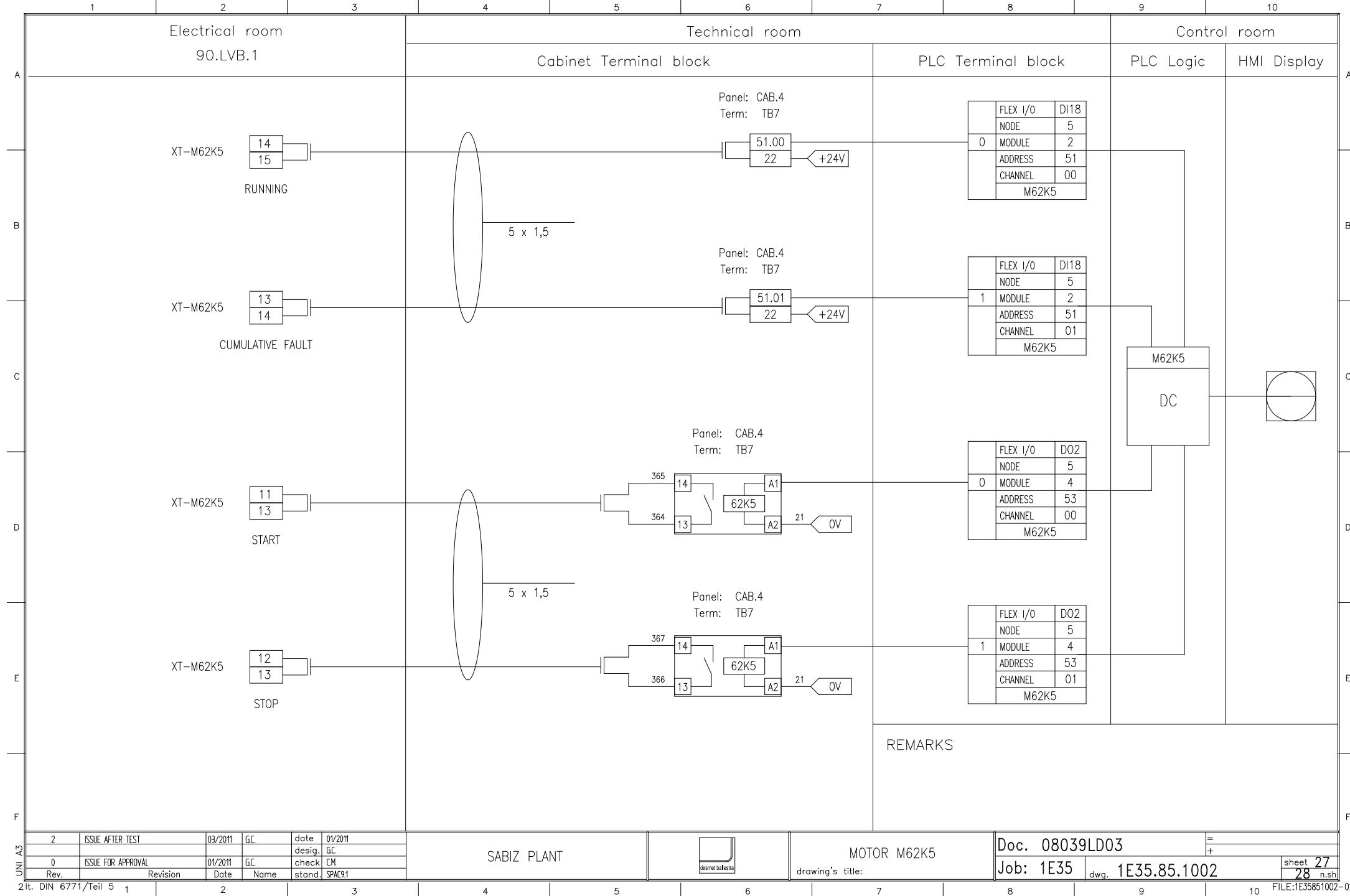
MOTOR M62K3

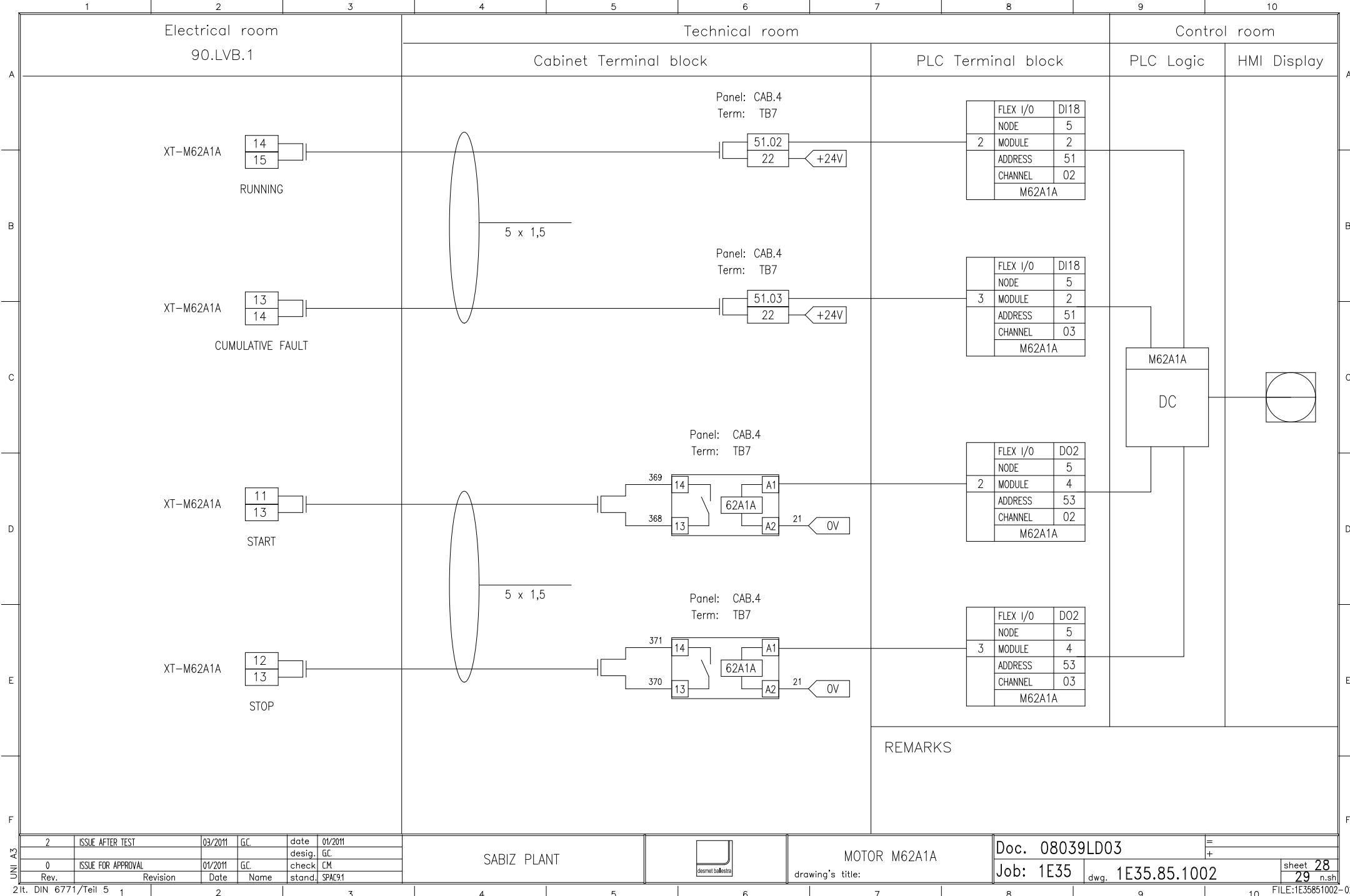
Doc. 08039LD03

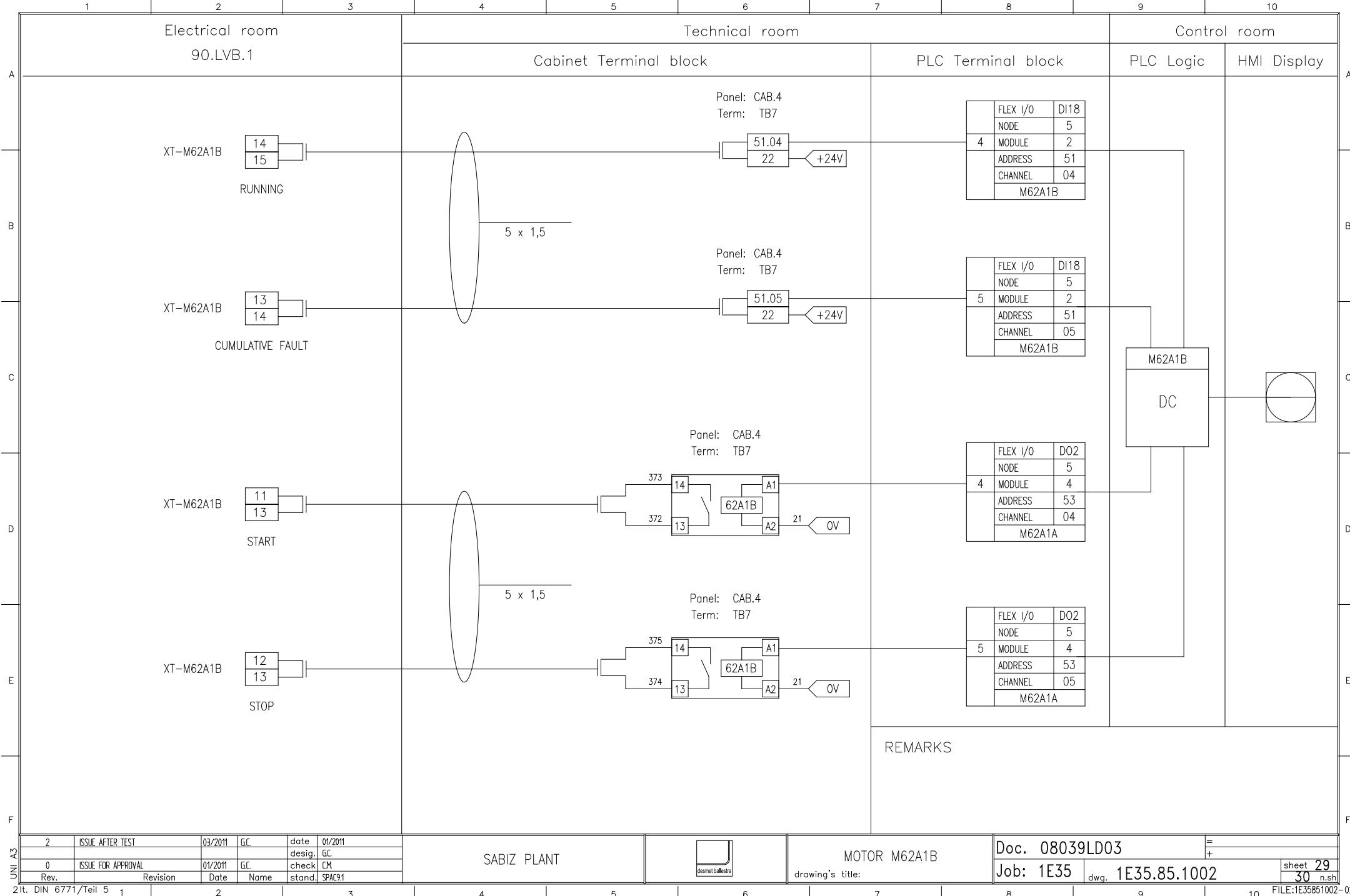
Job: 1E35 dwg 1E35.85.1002

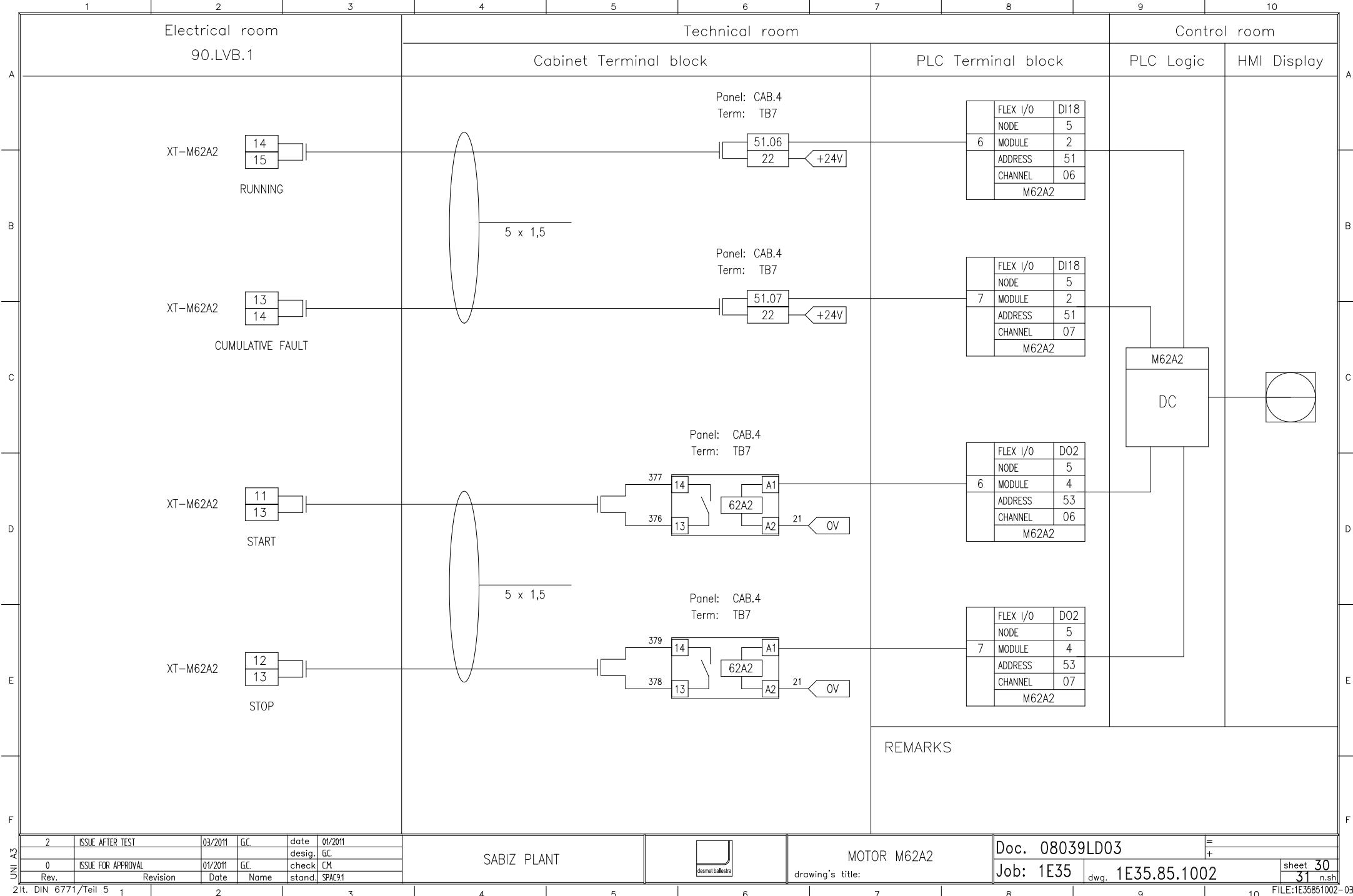
sheet 25
26 n sh

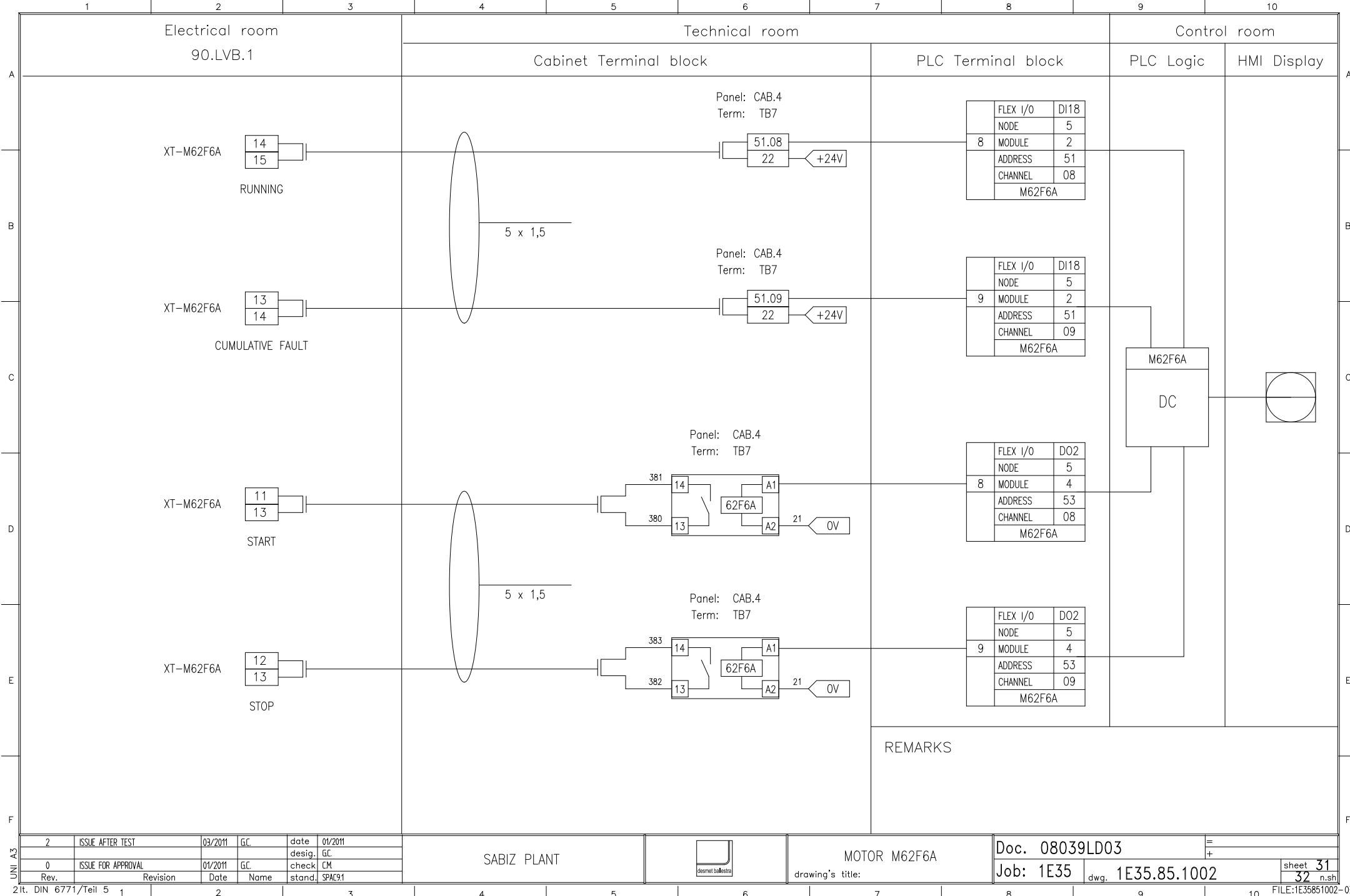


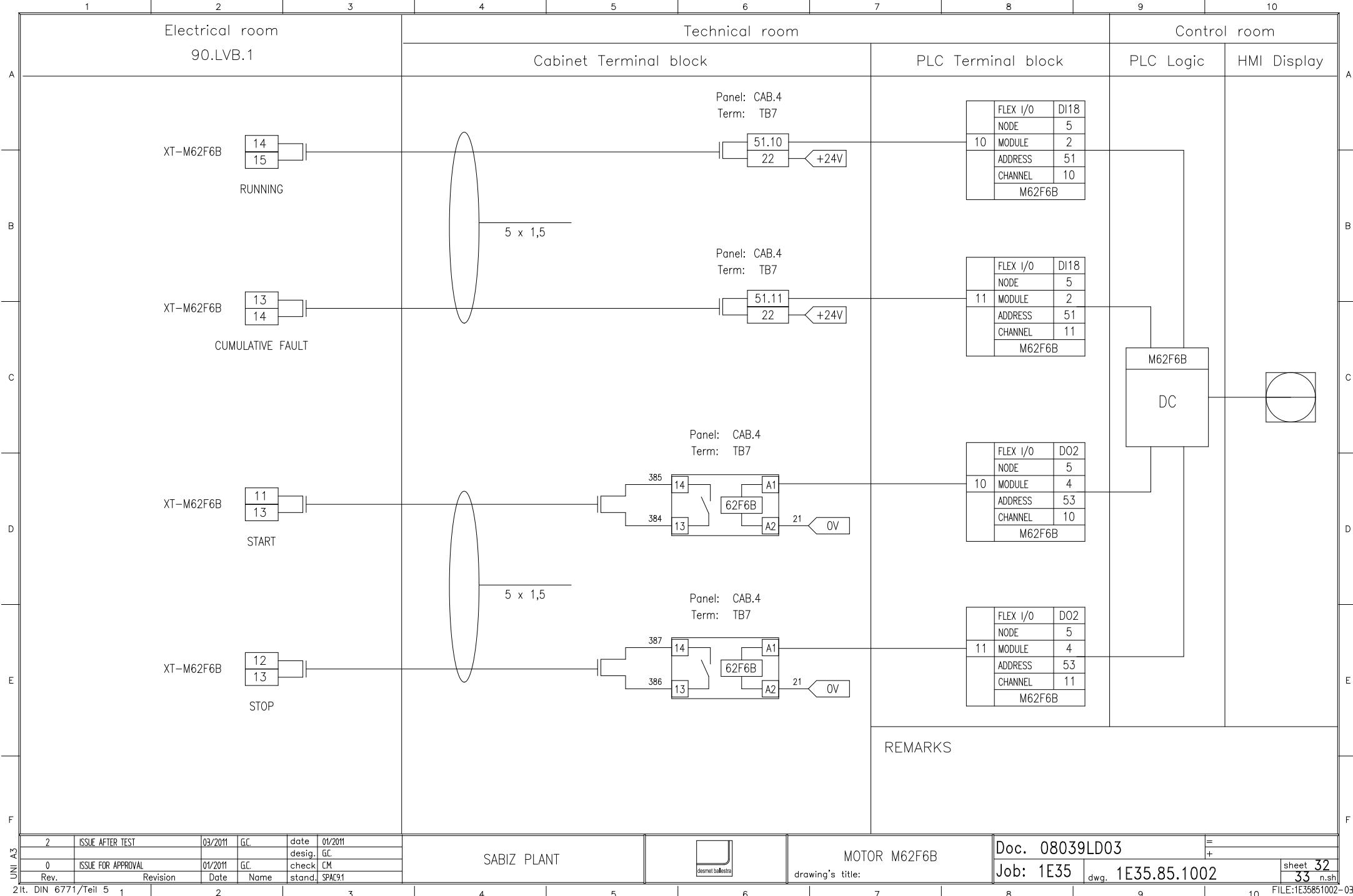


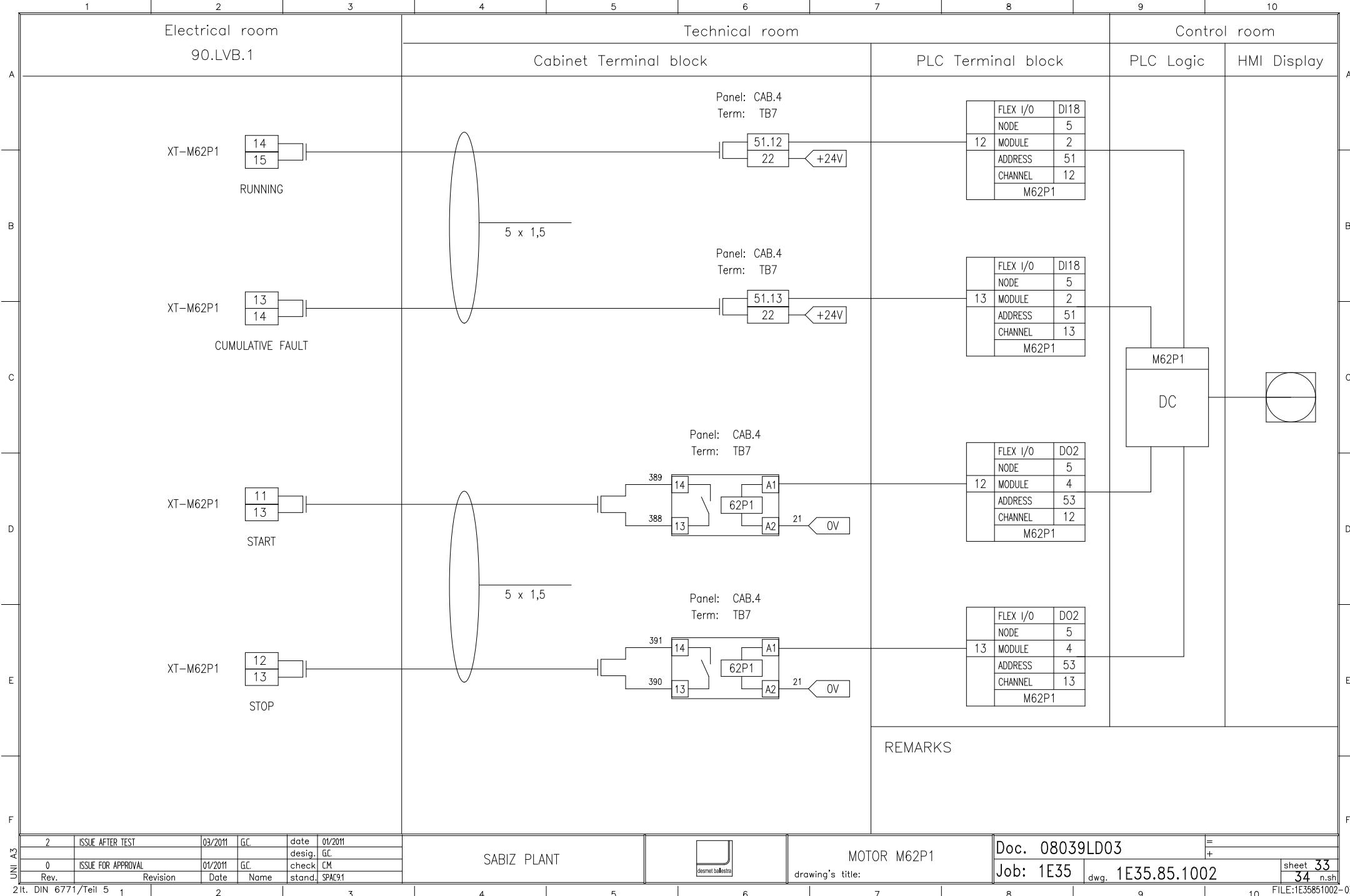


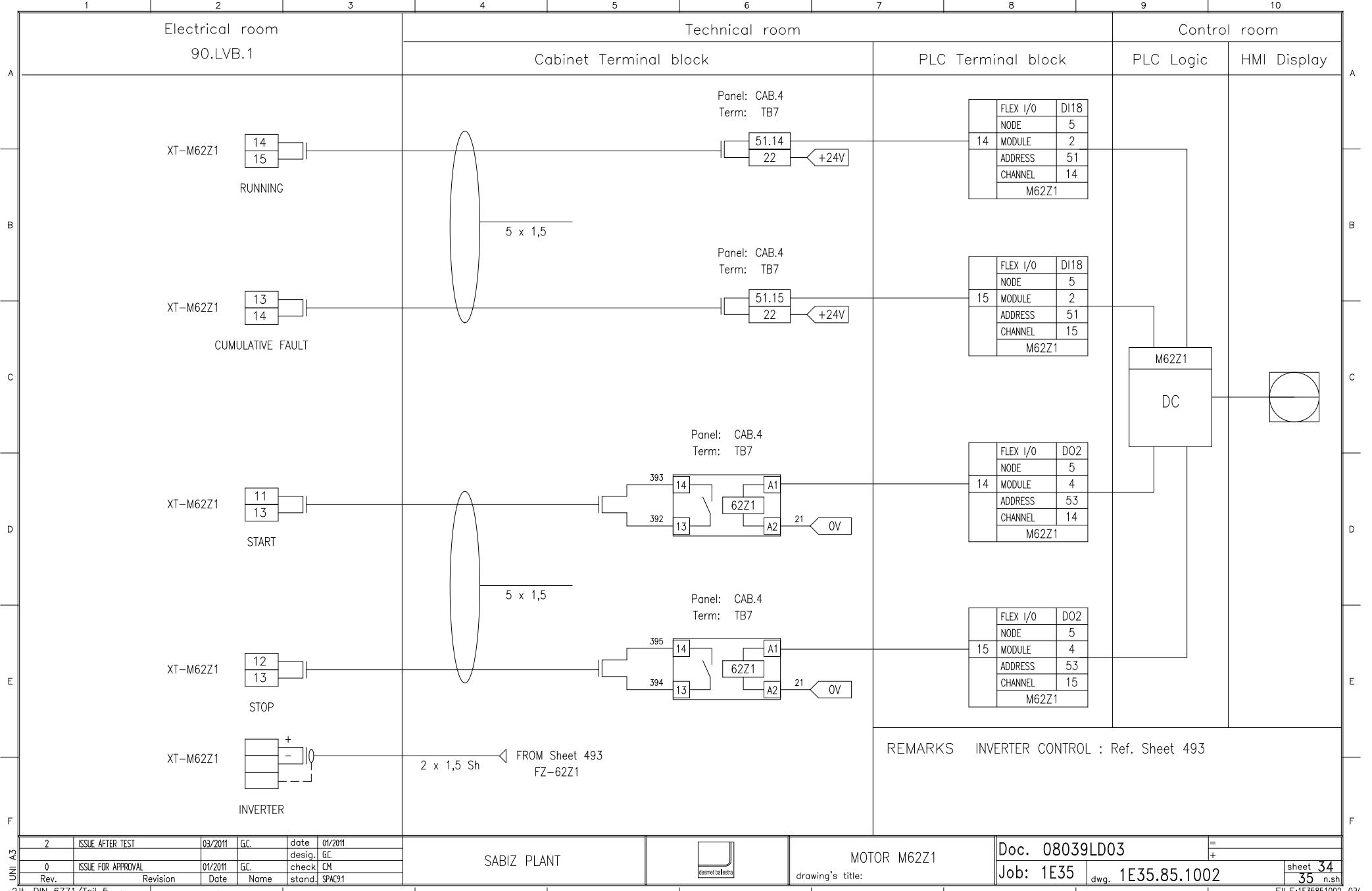


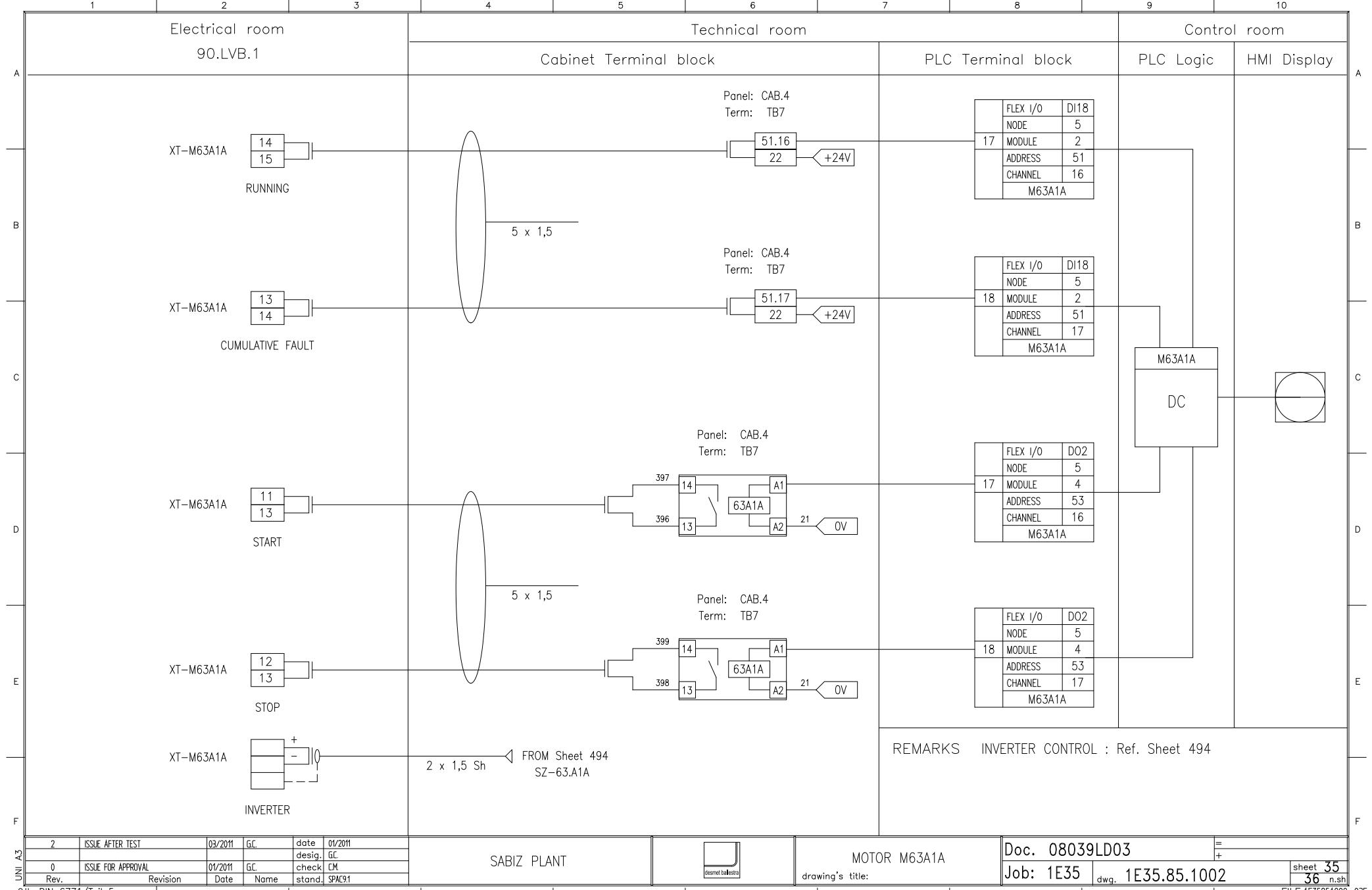




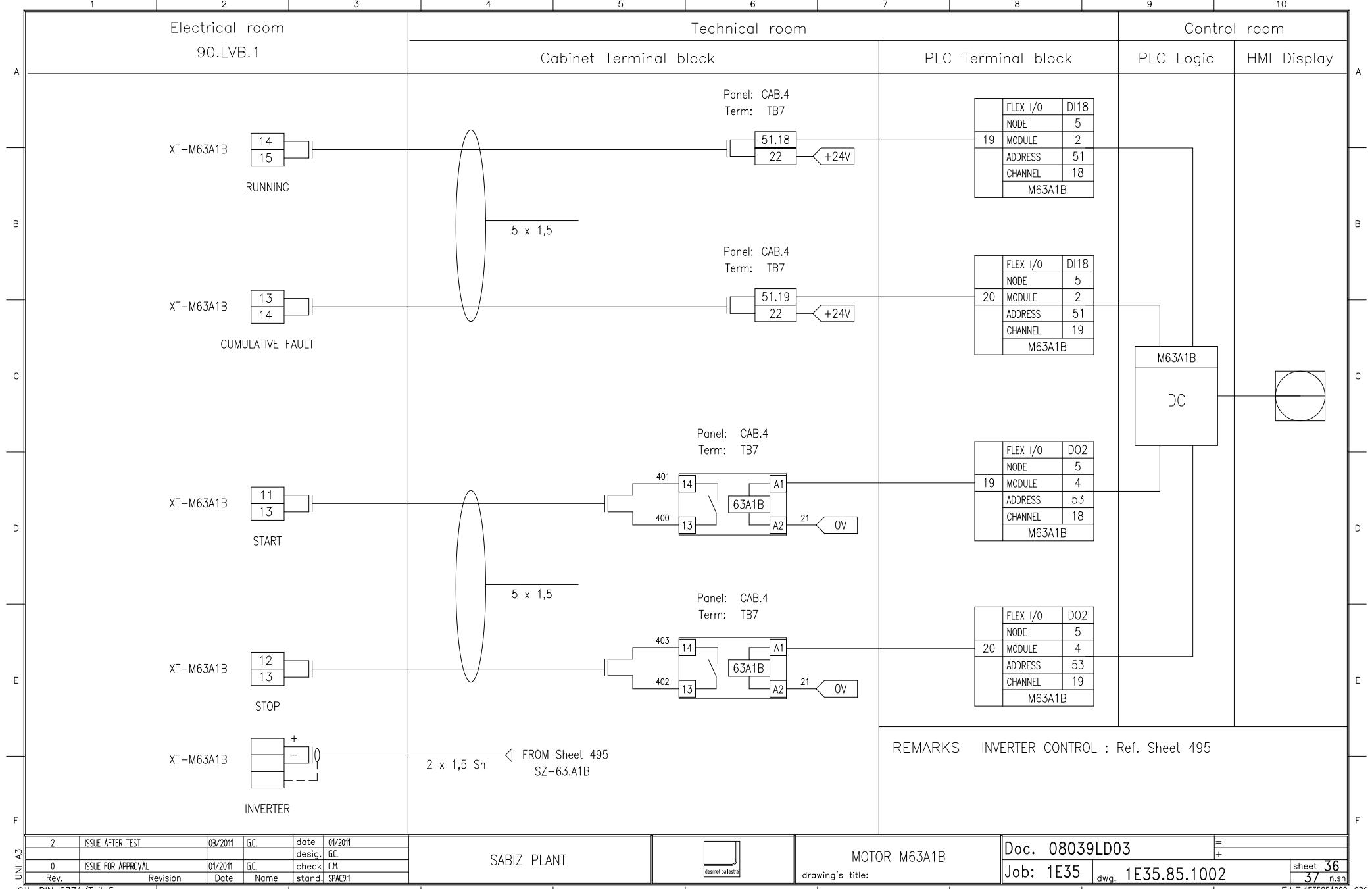




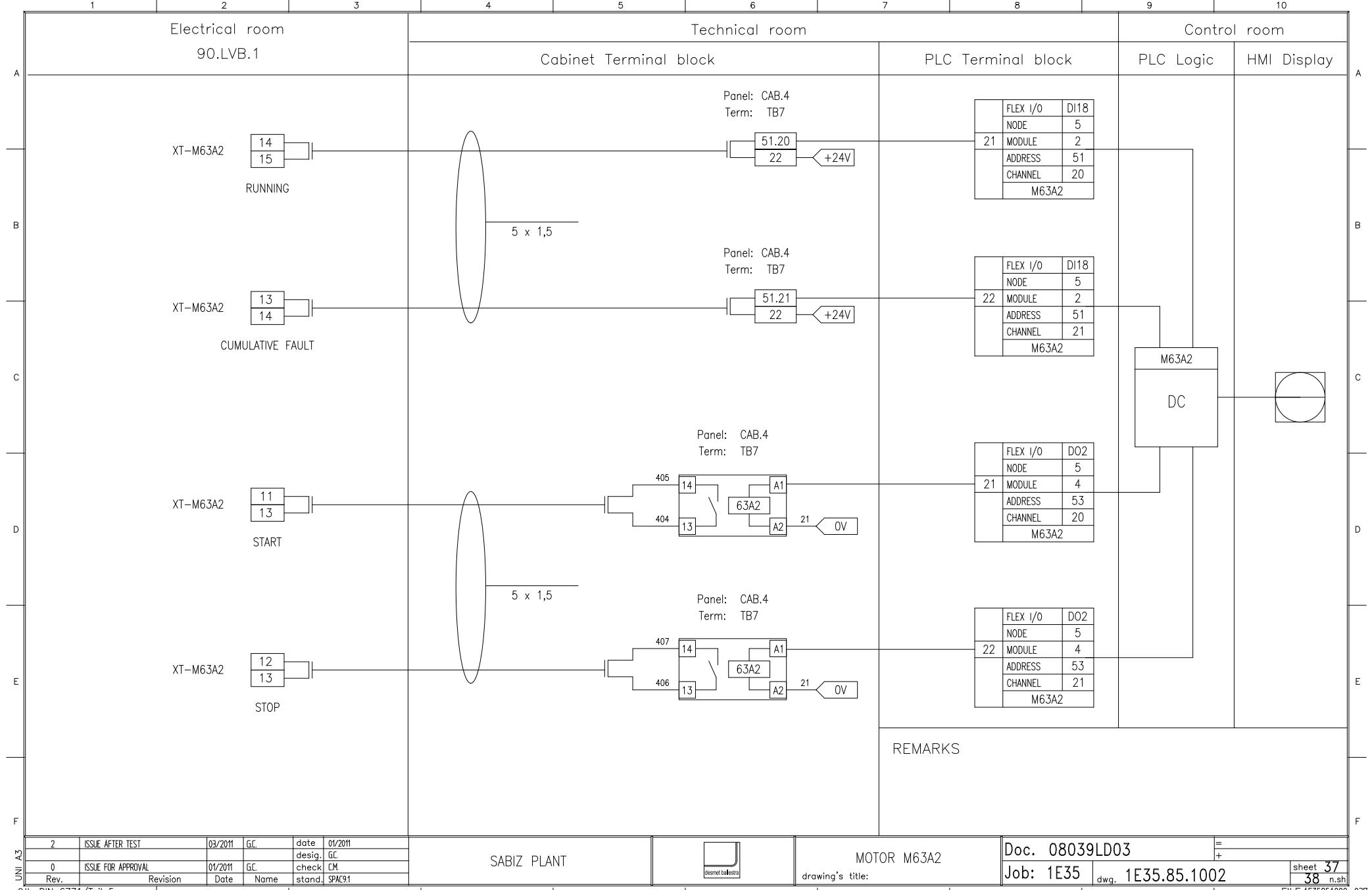


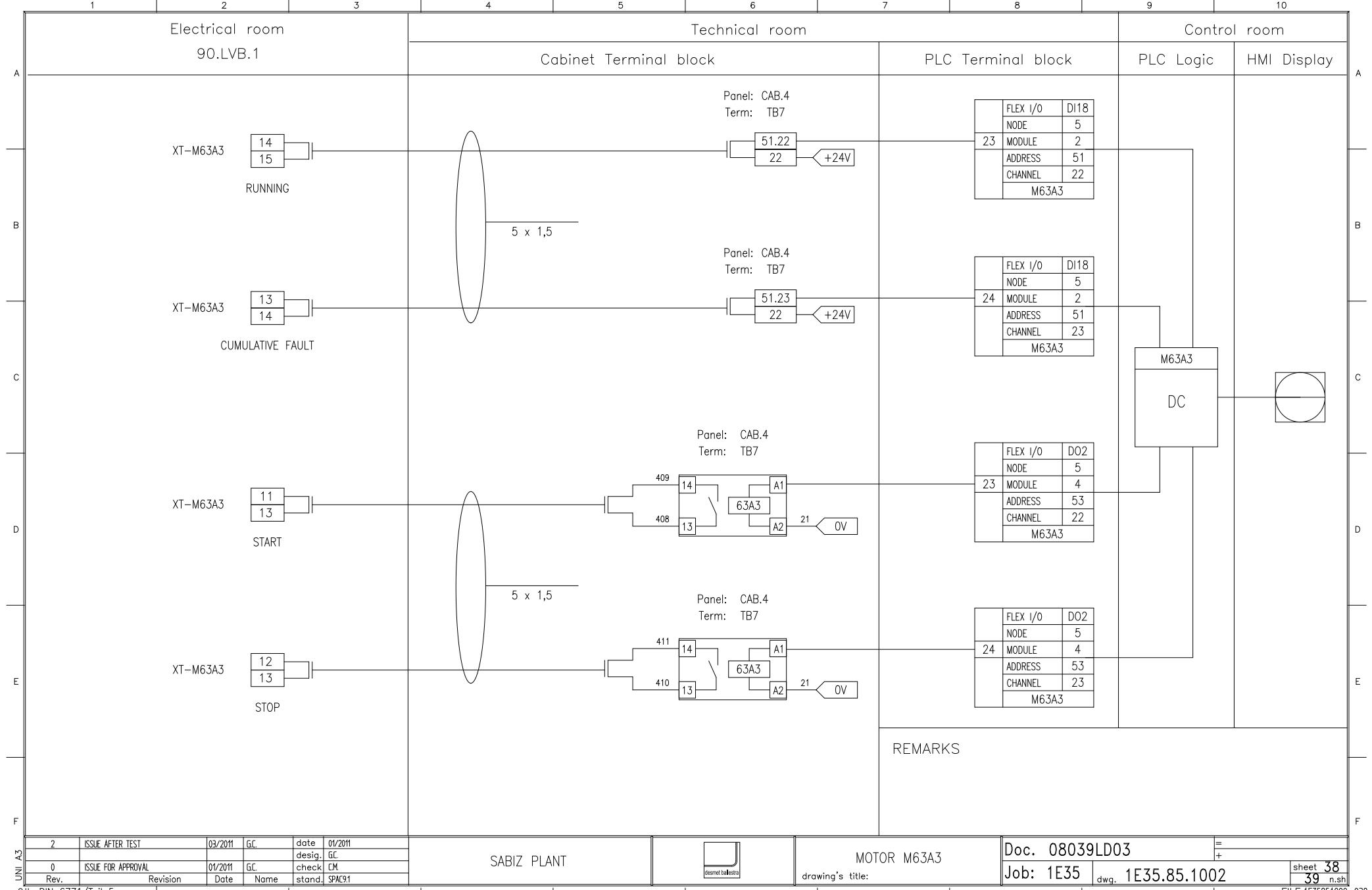


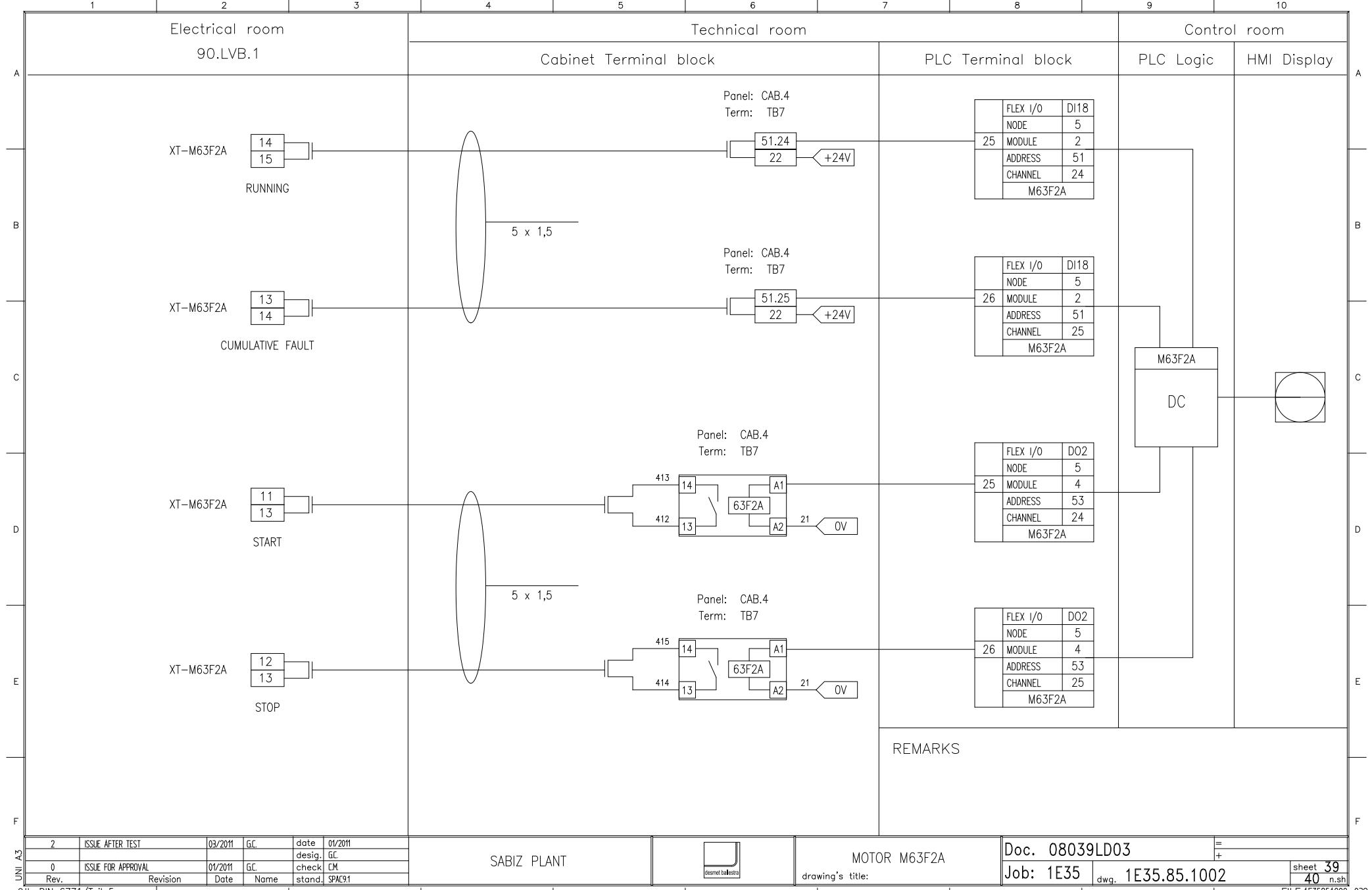
2 lt. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E36851002-035

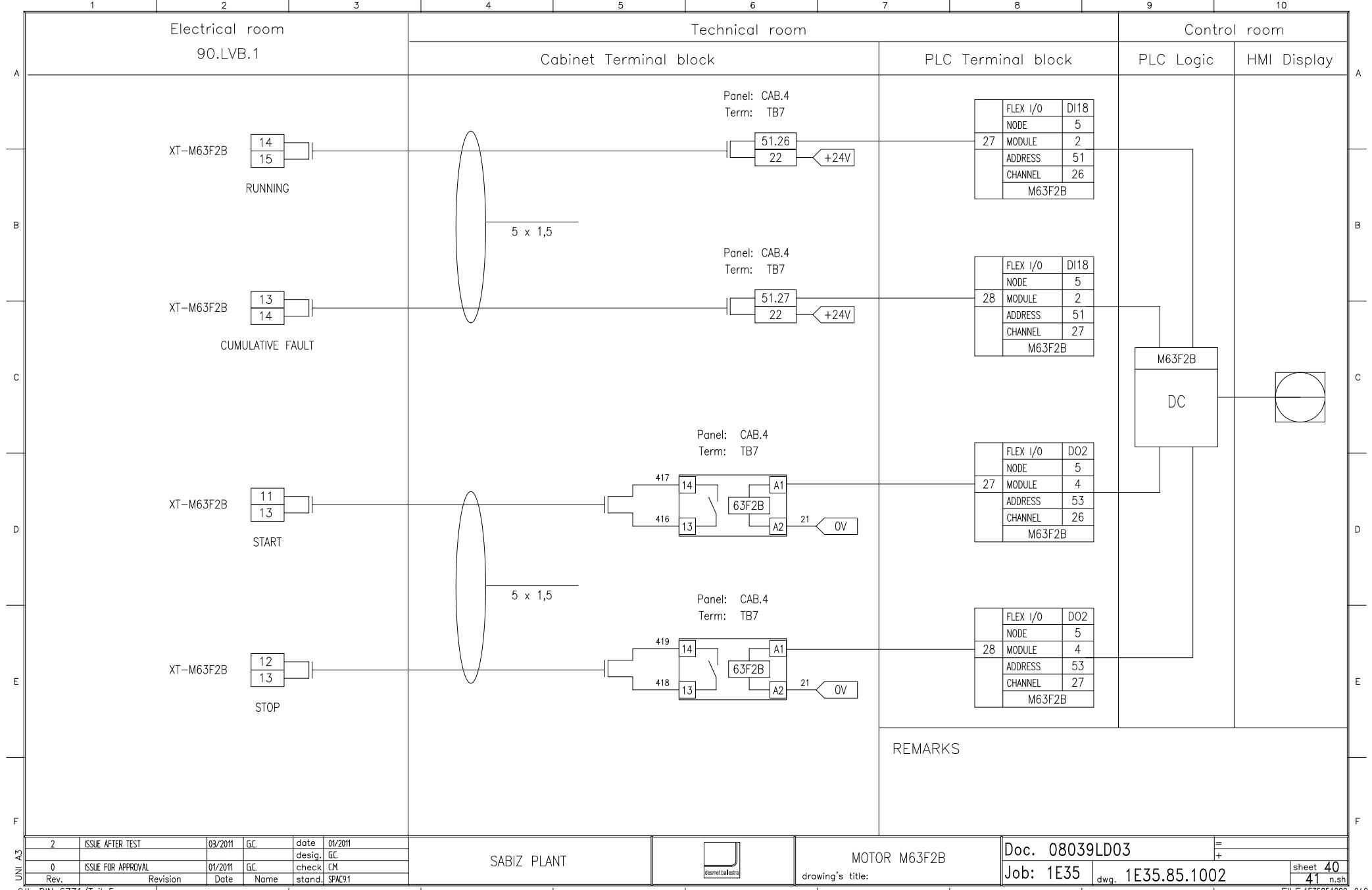


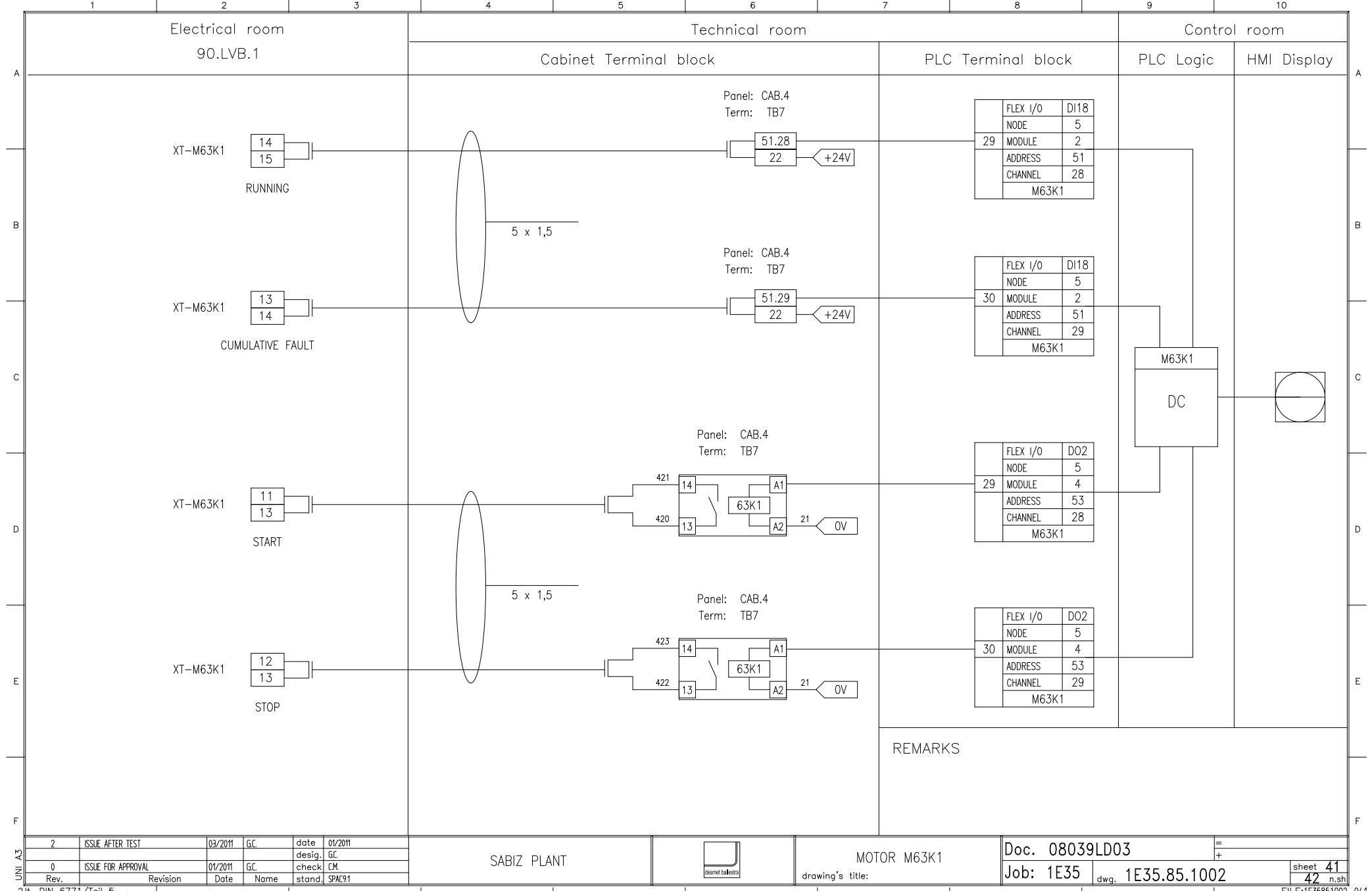
2 lt. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E36851002-036

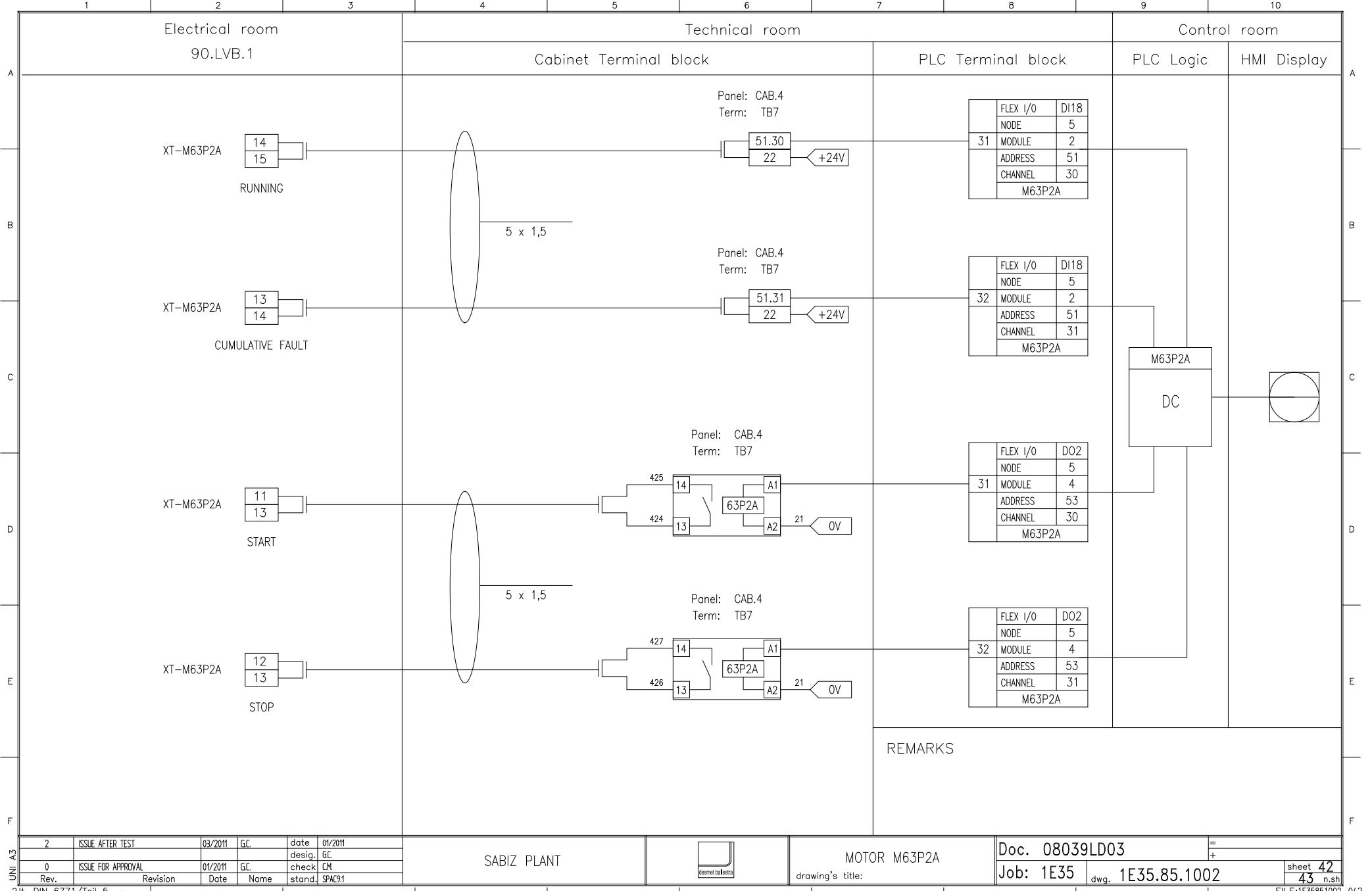


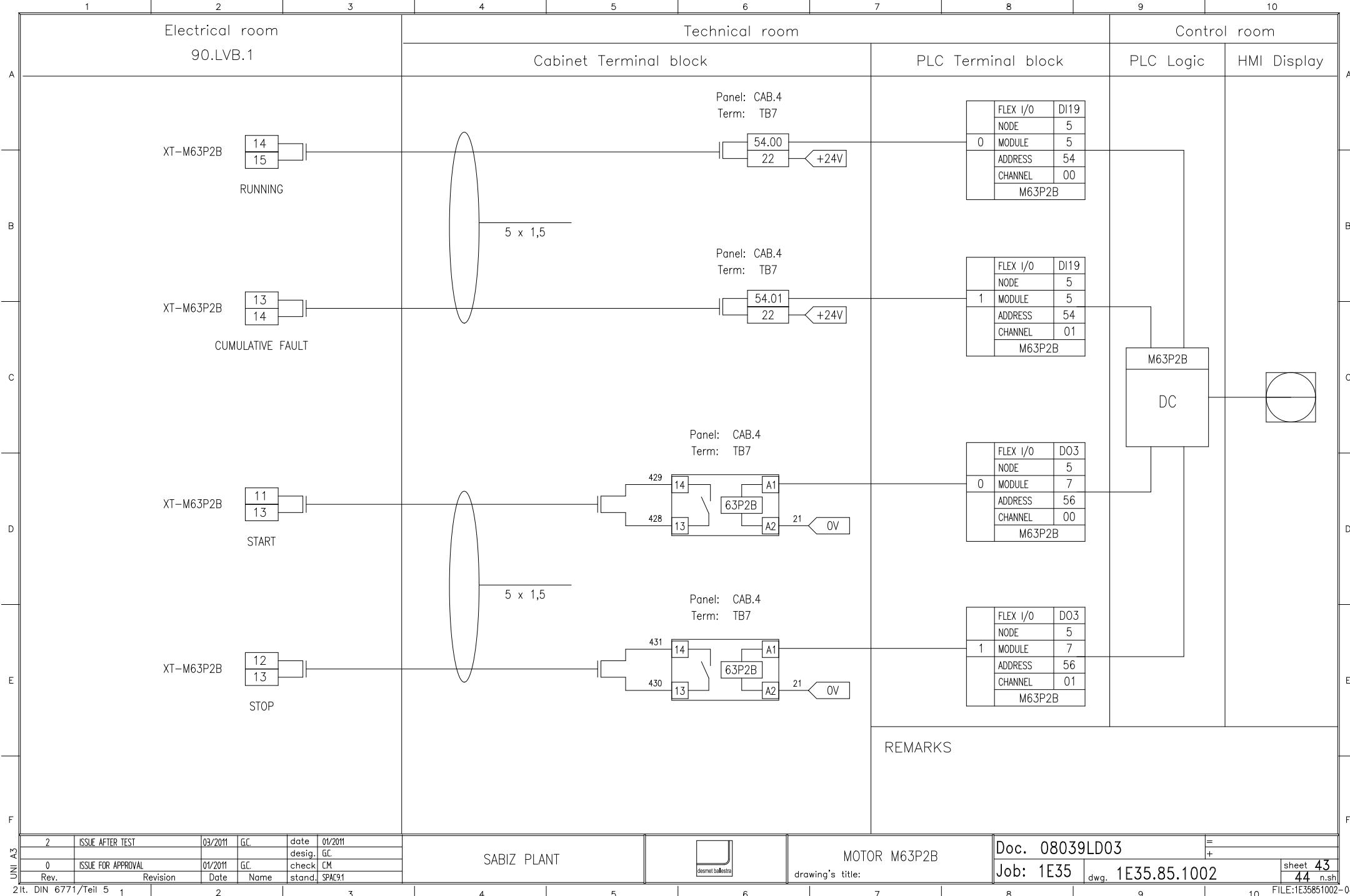


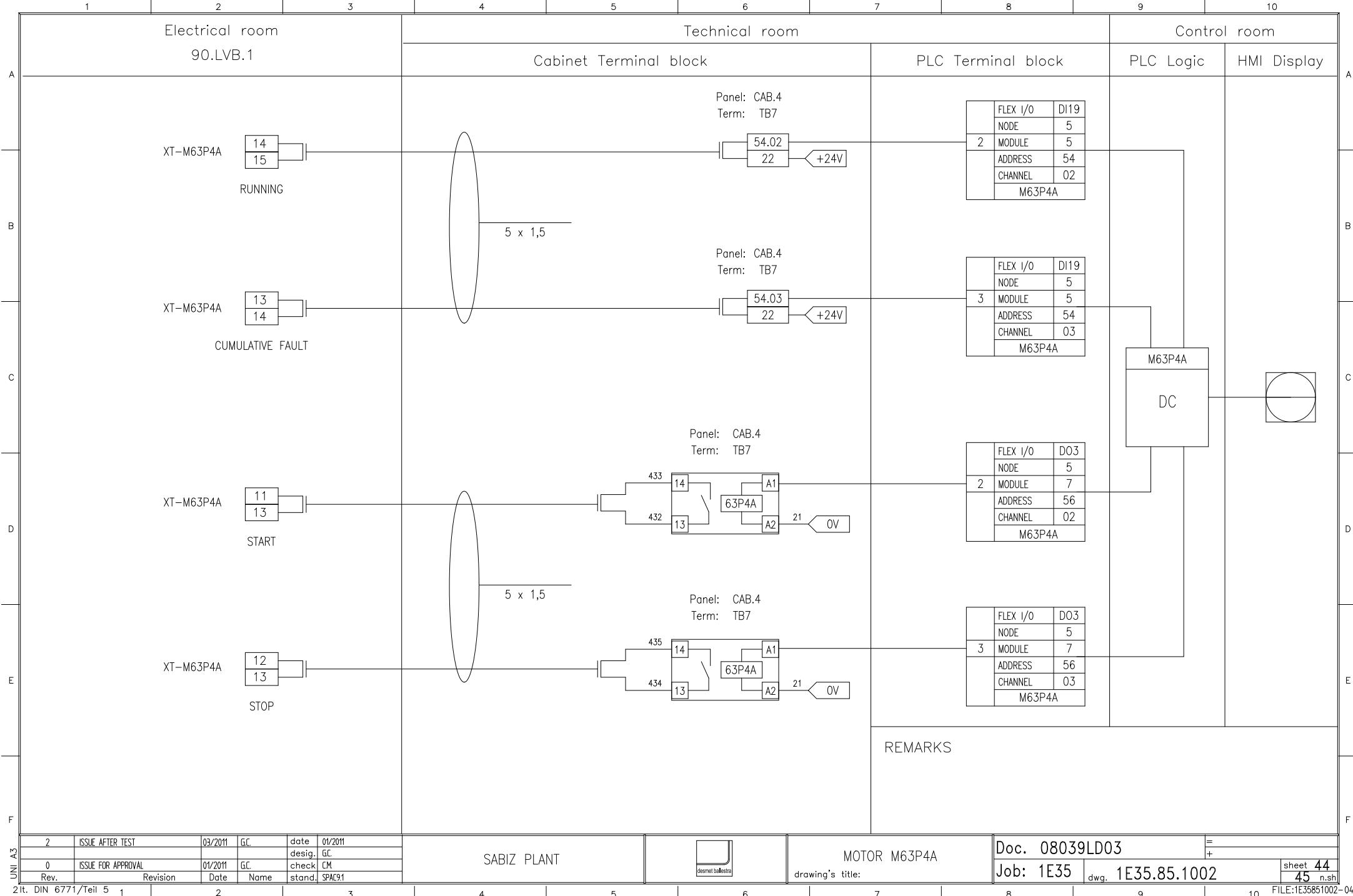


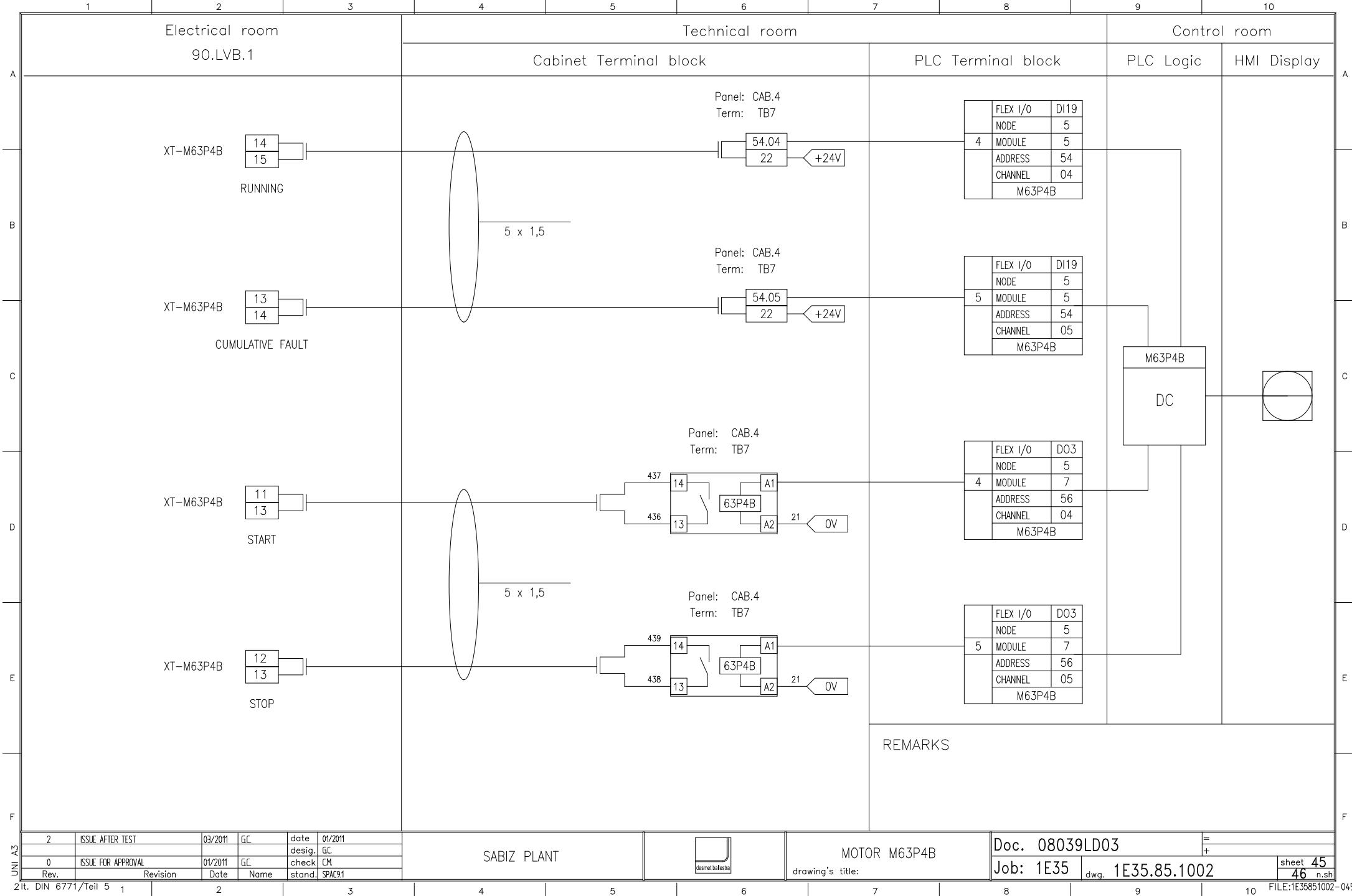


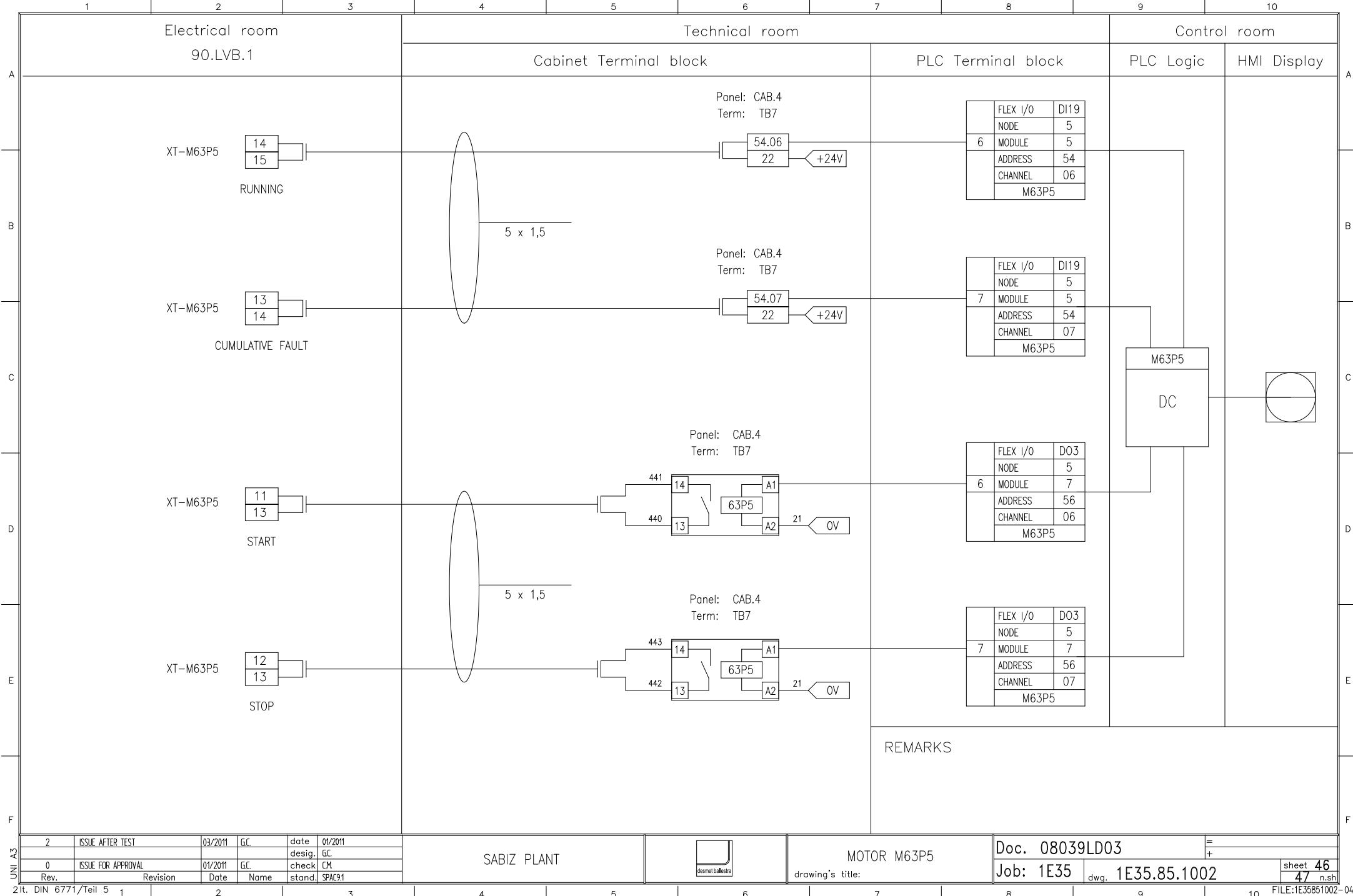


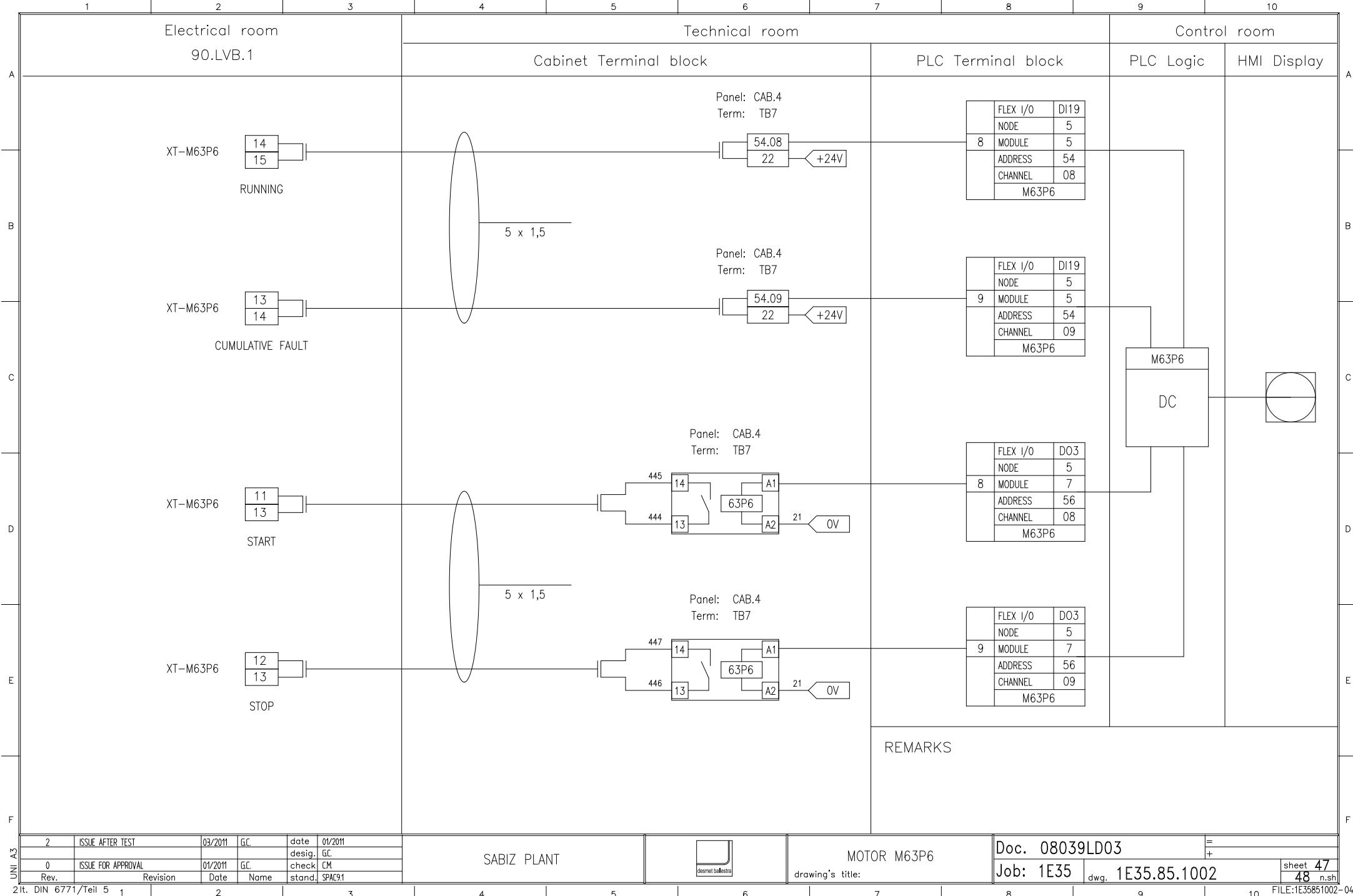


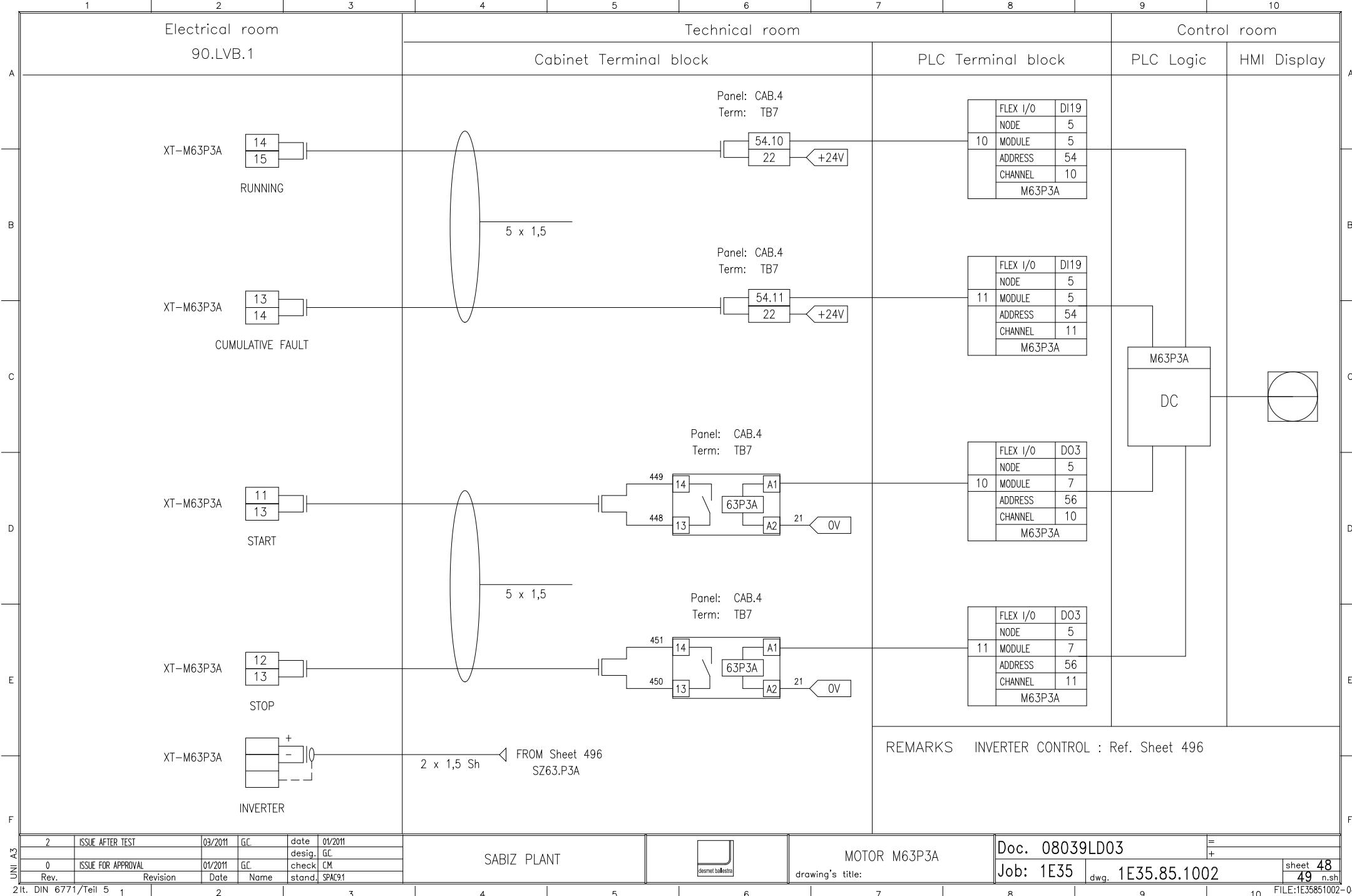


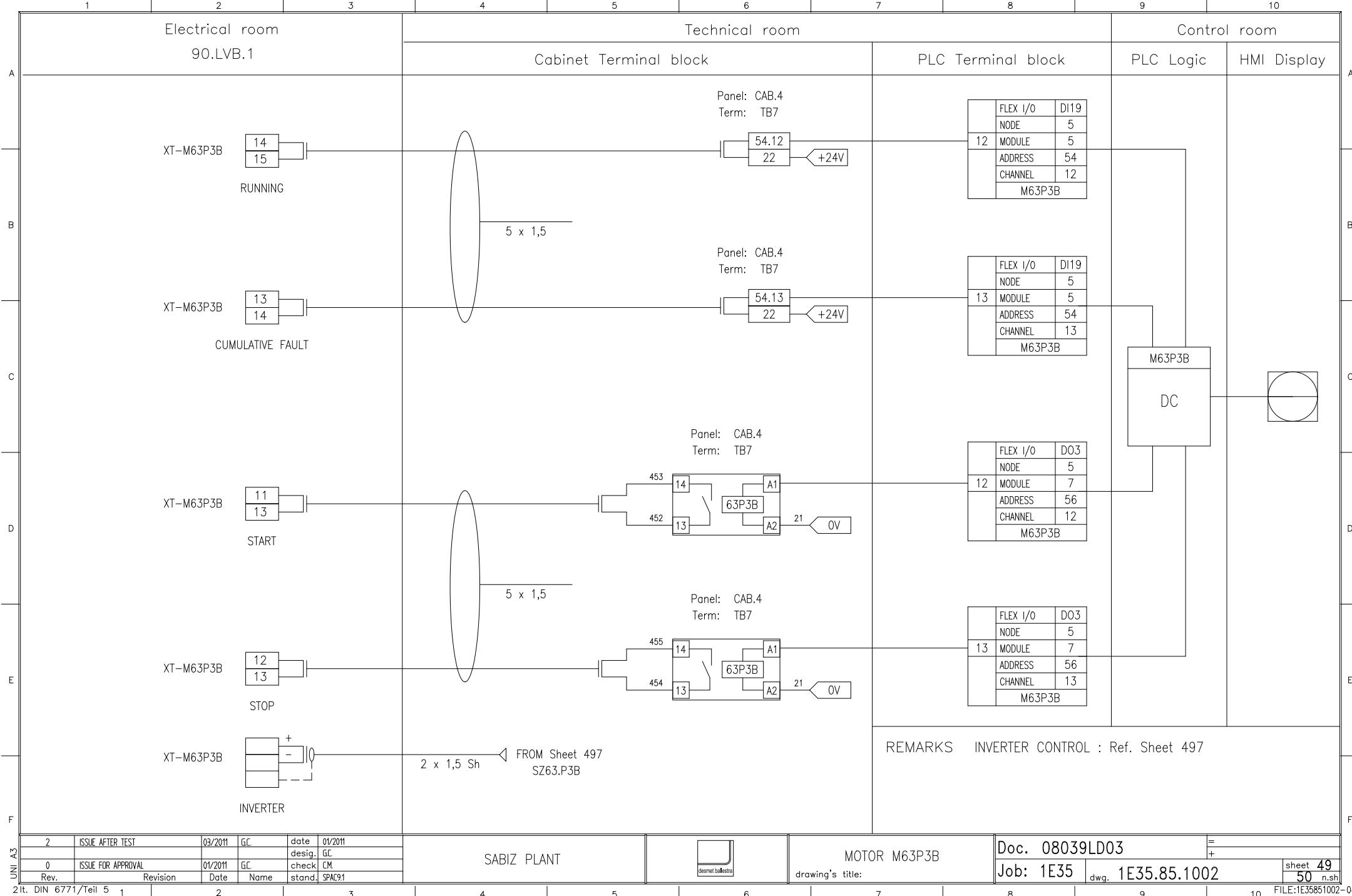


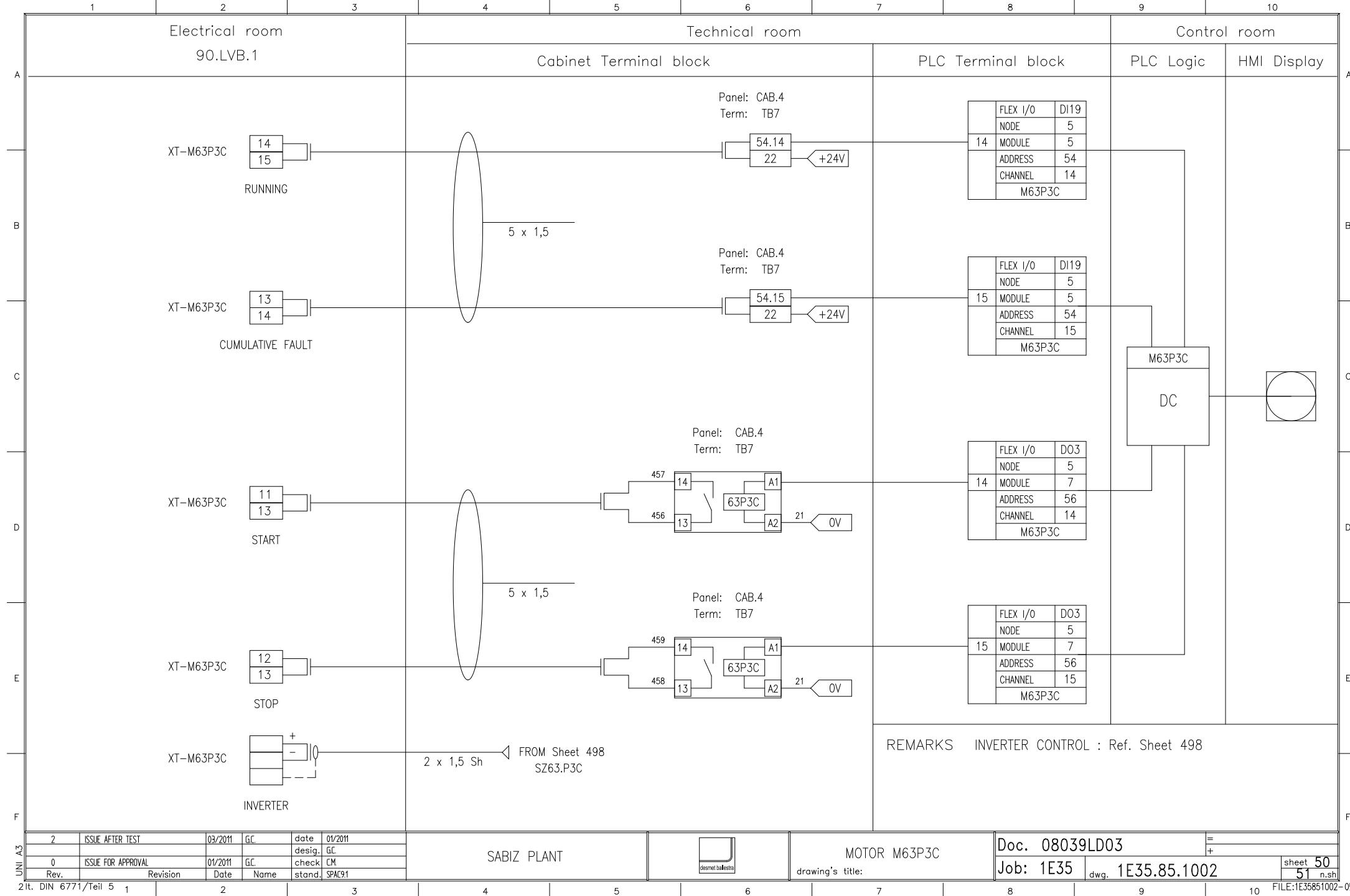


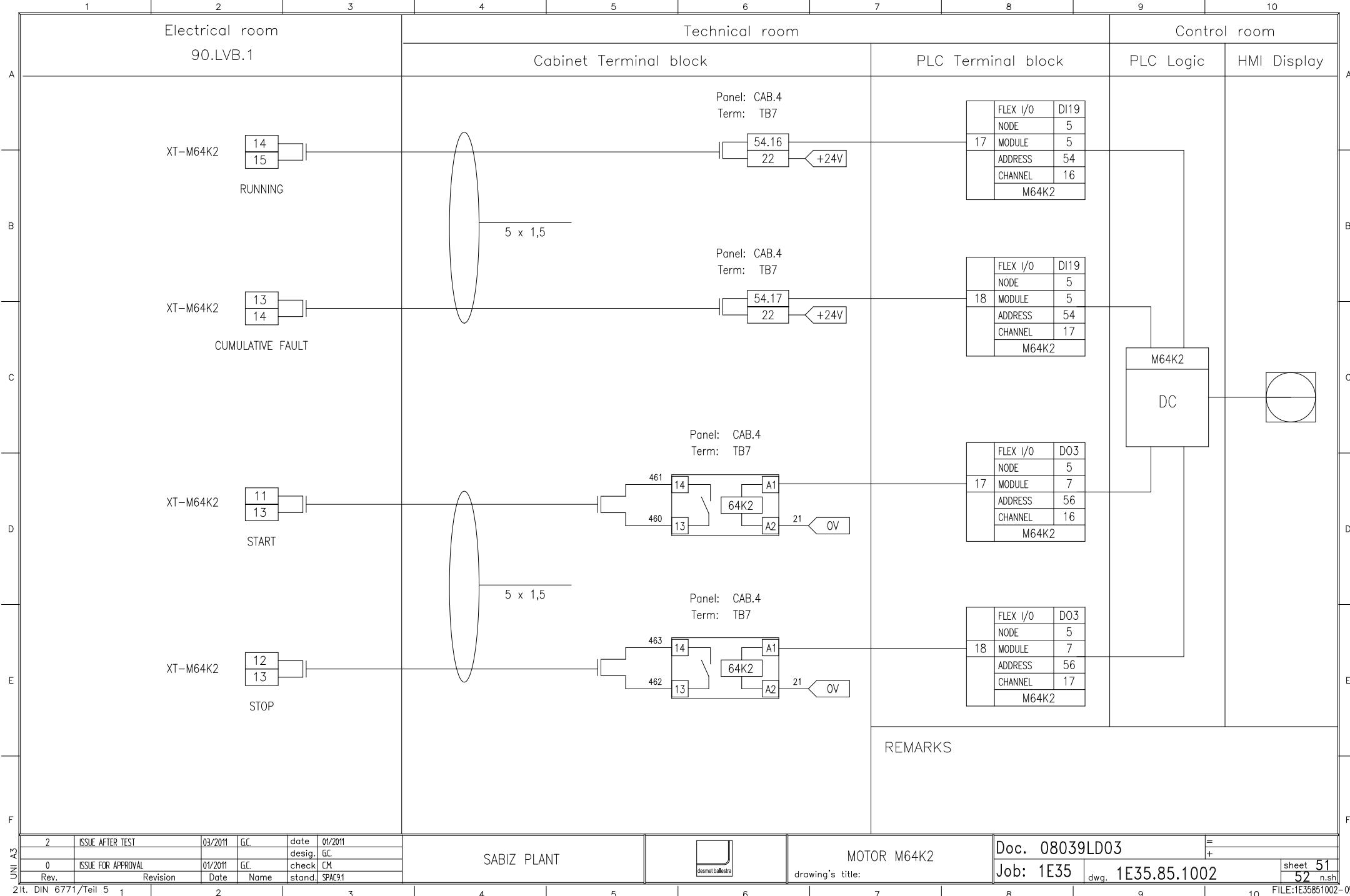


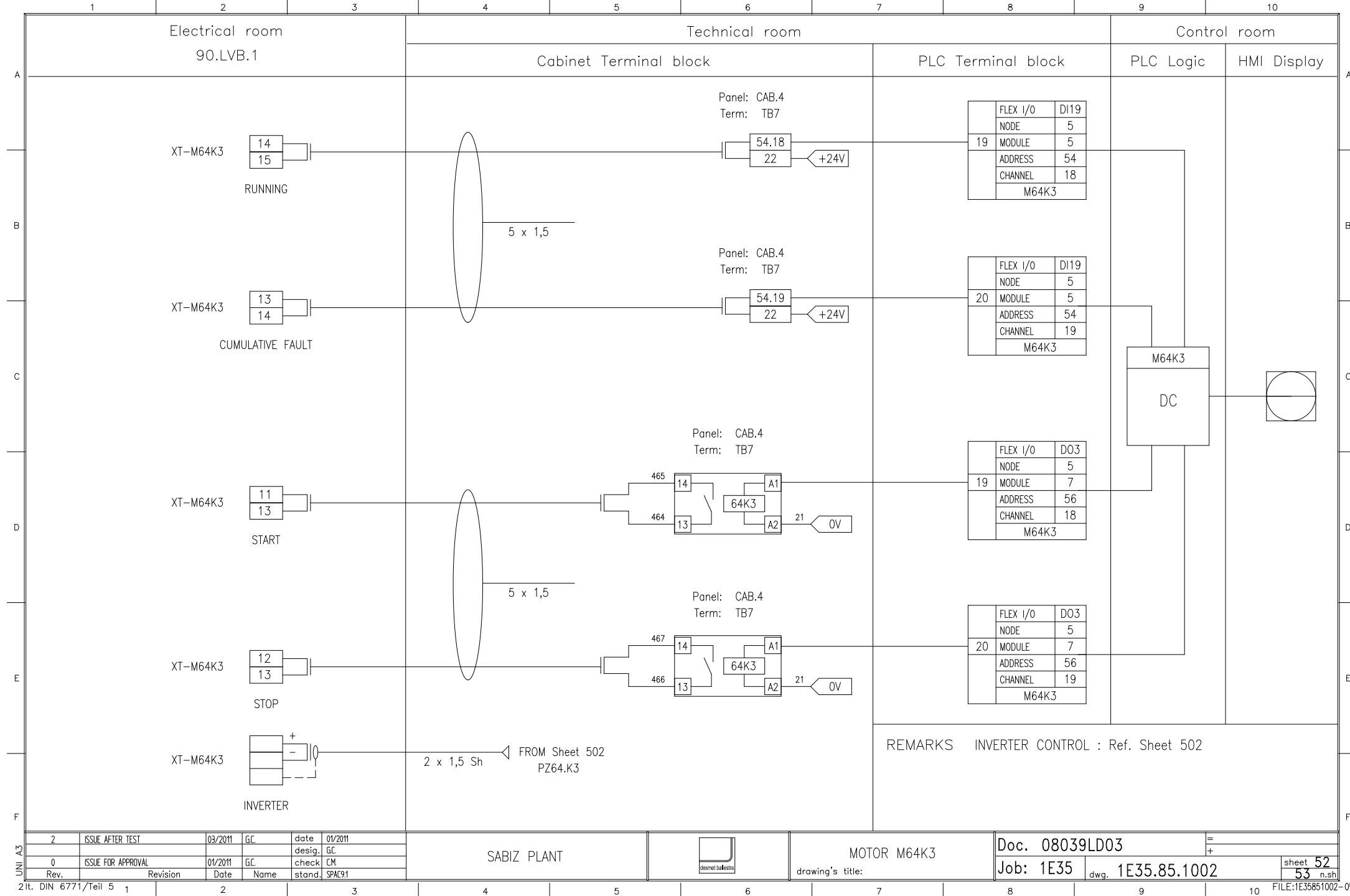


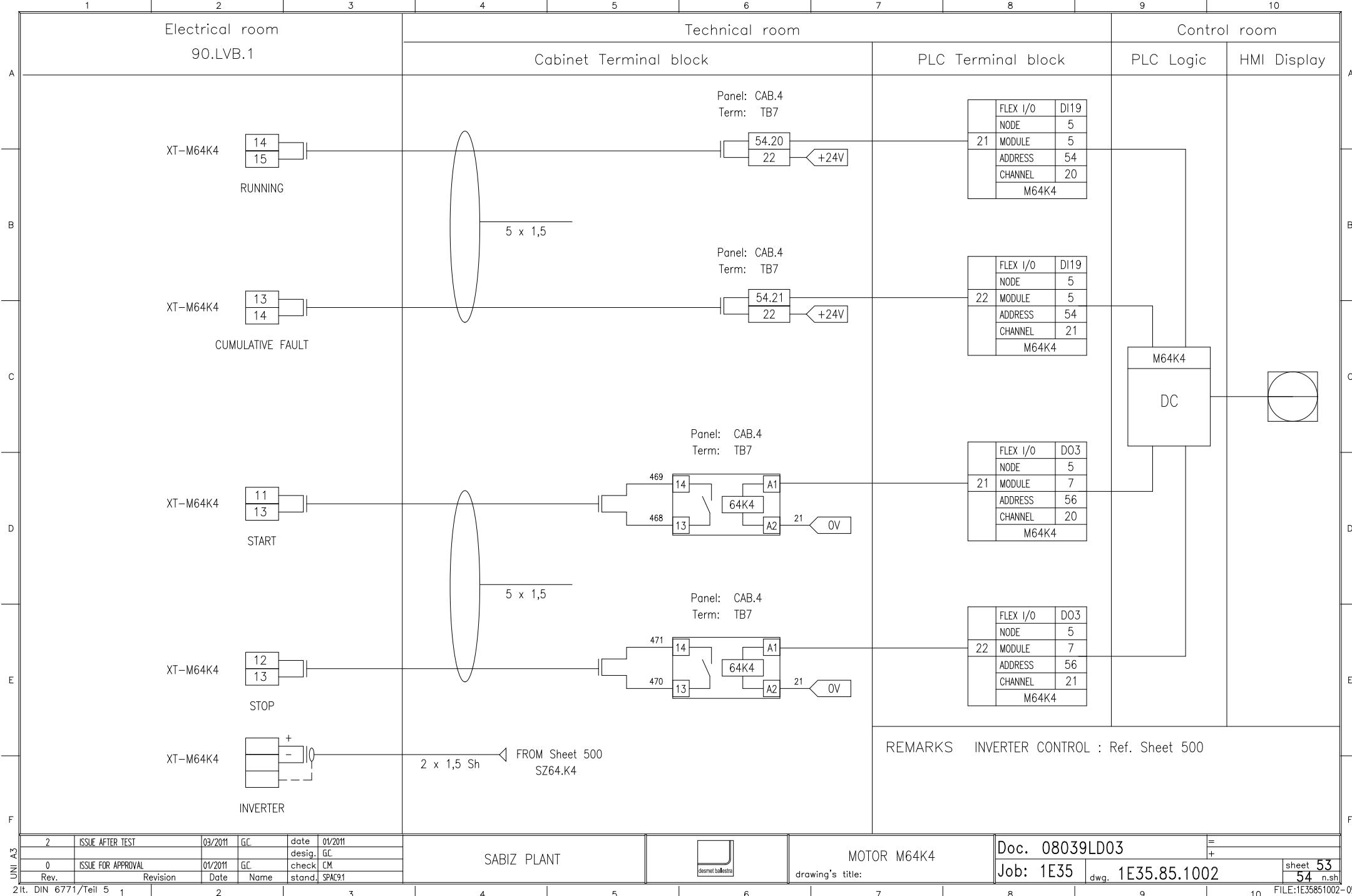


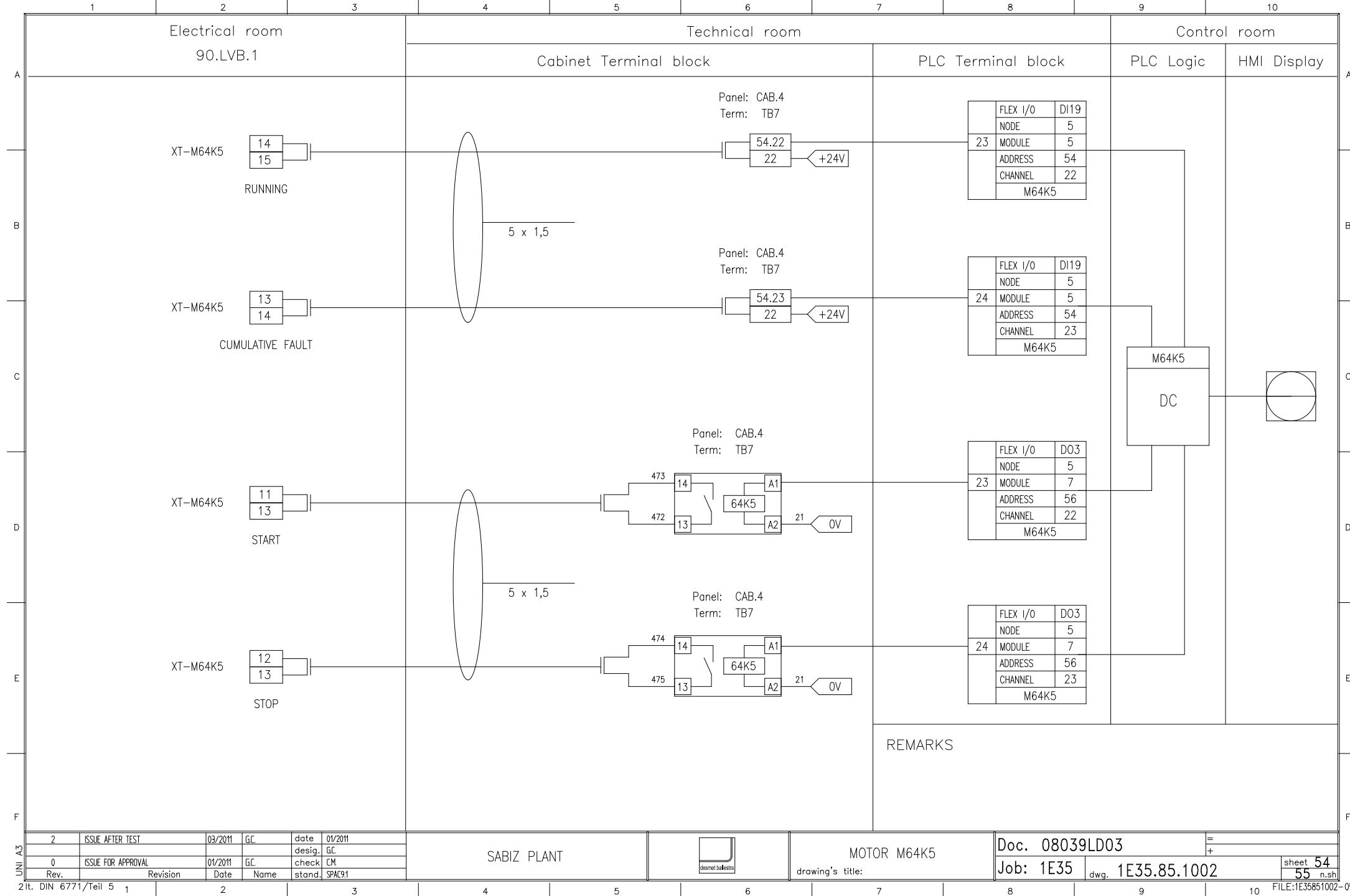


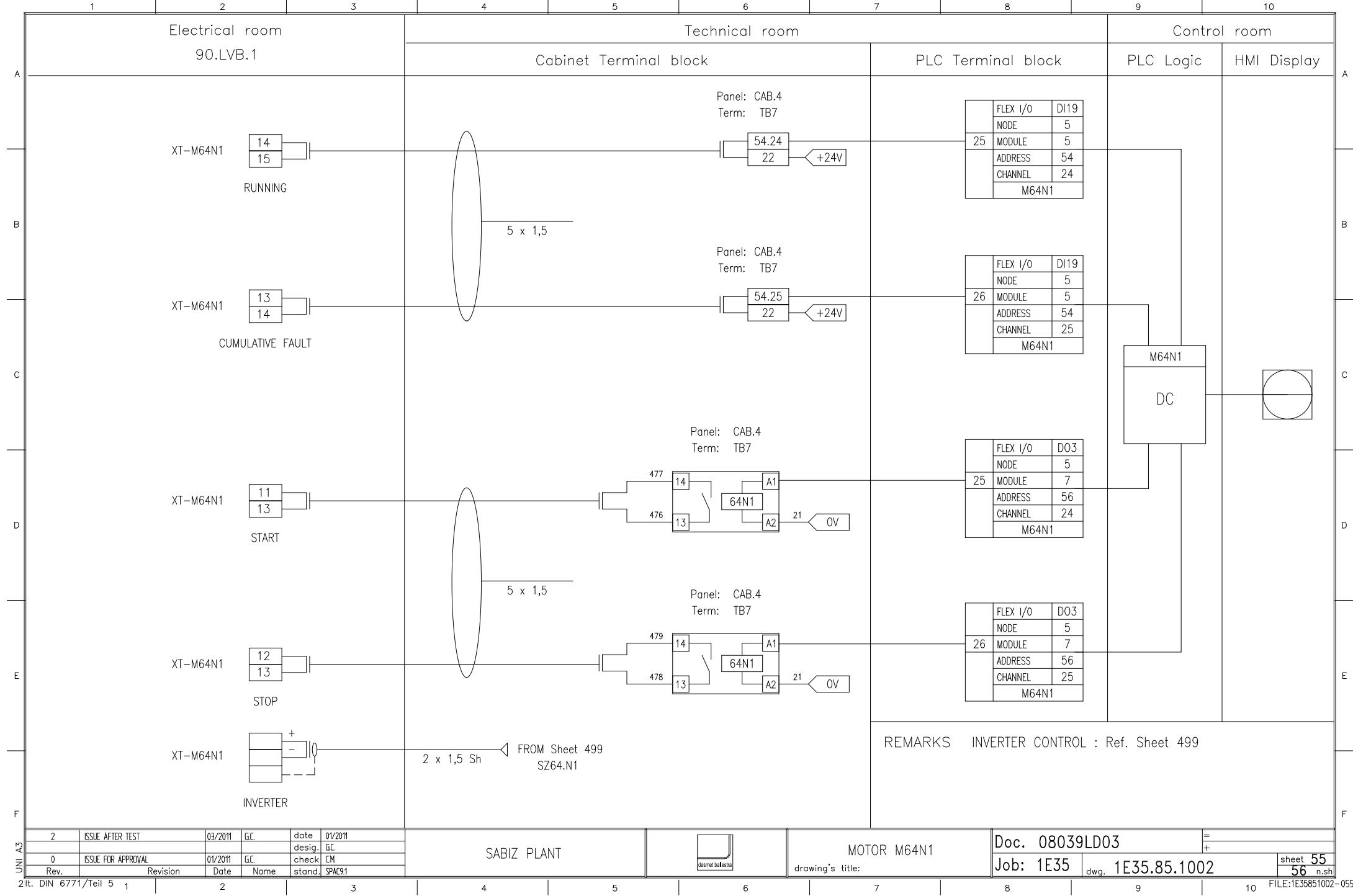


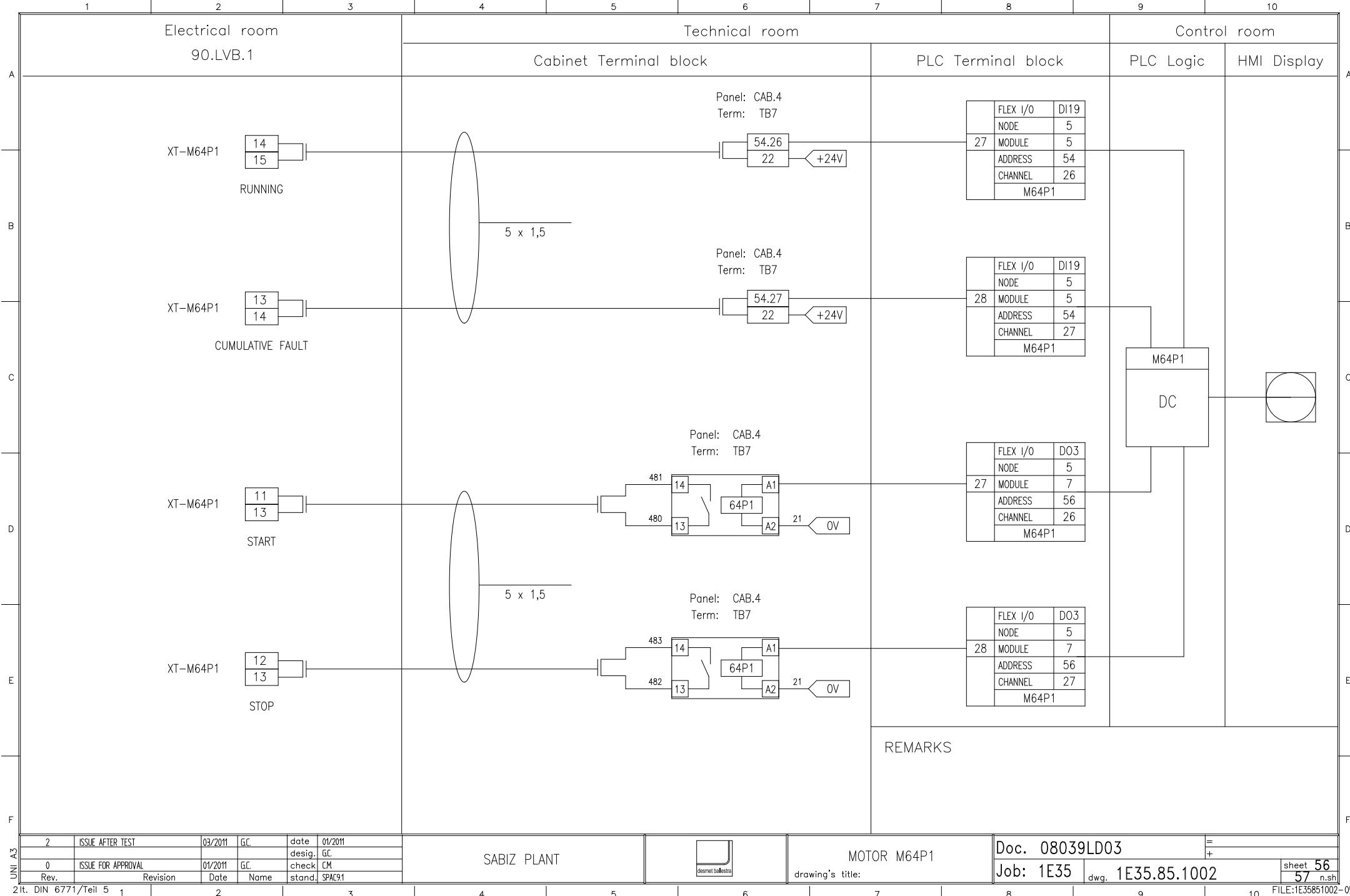


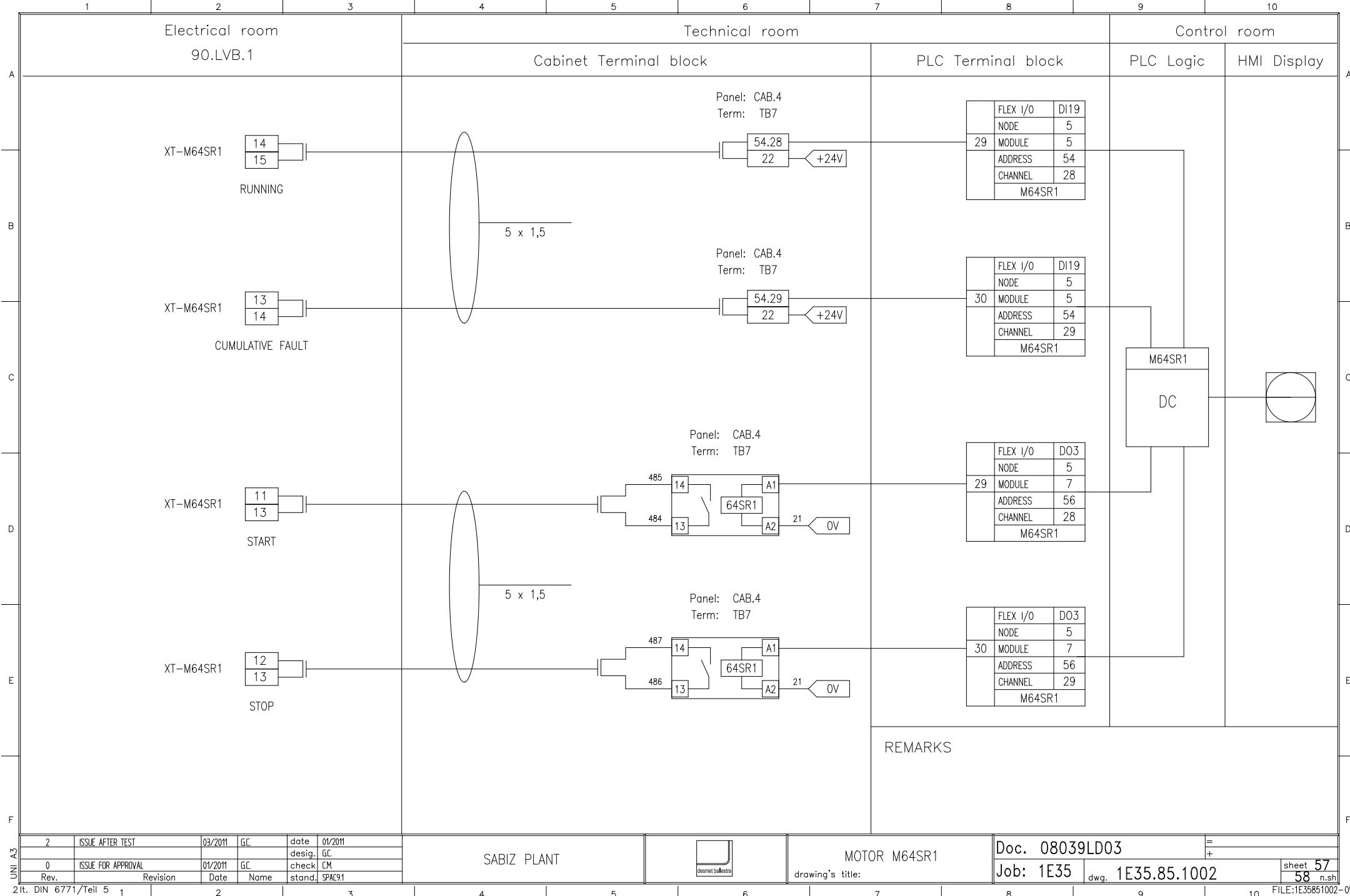


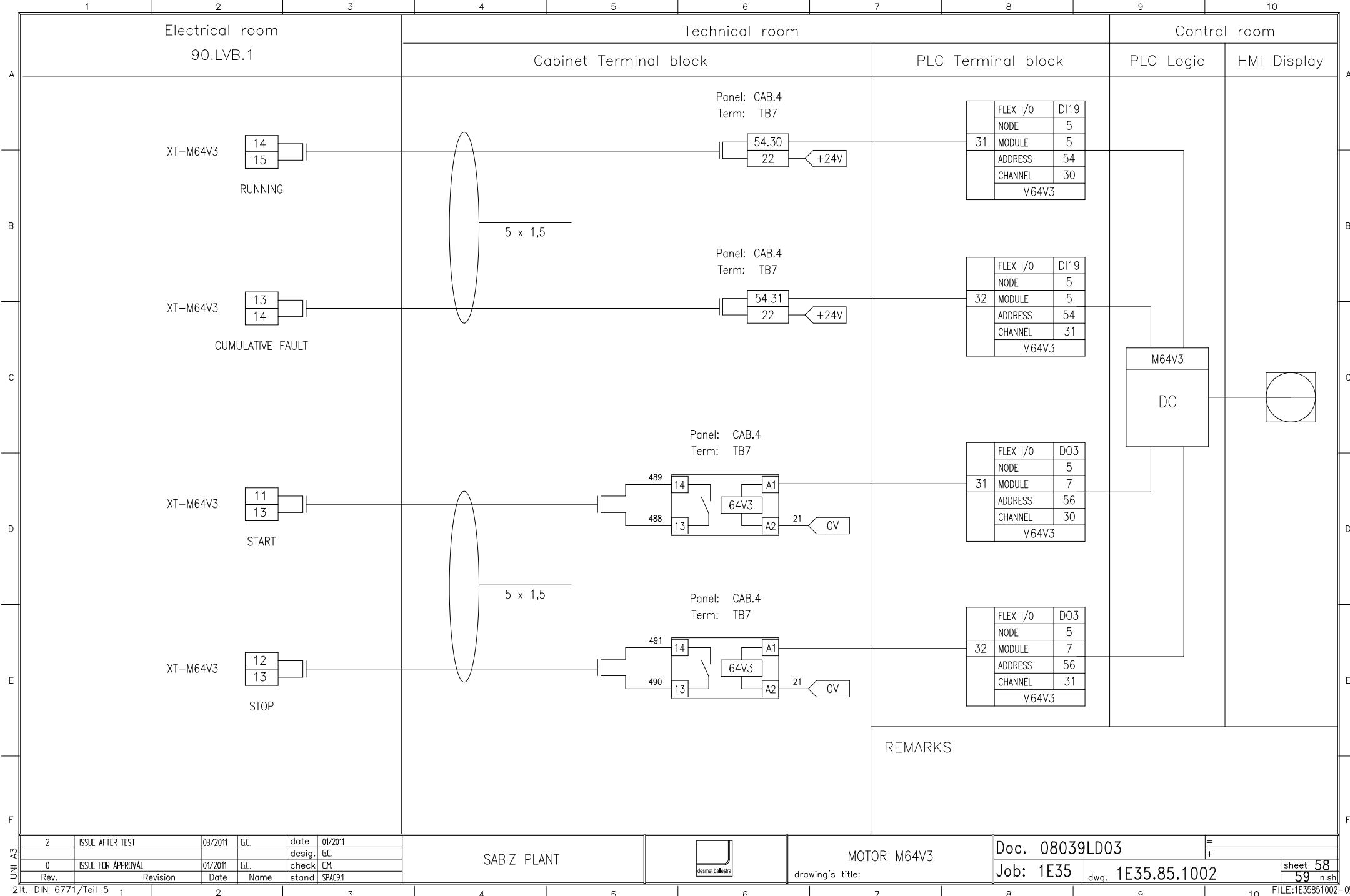


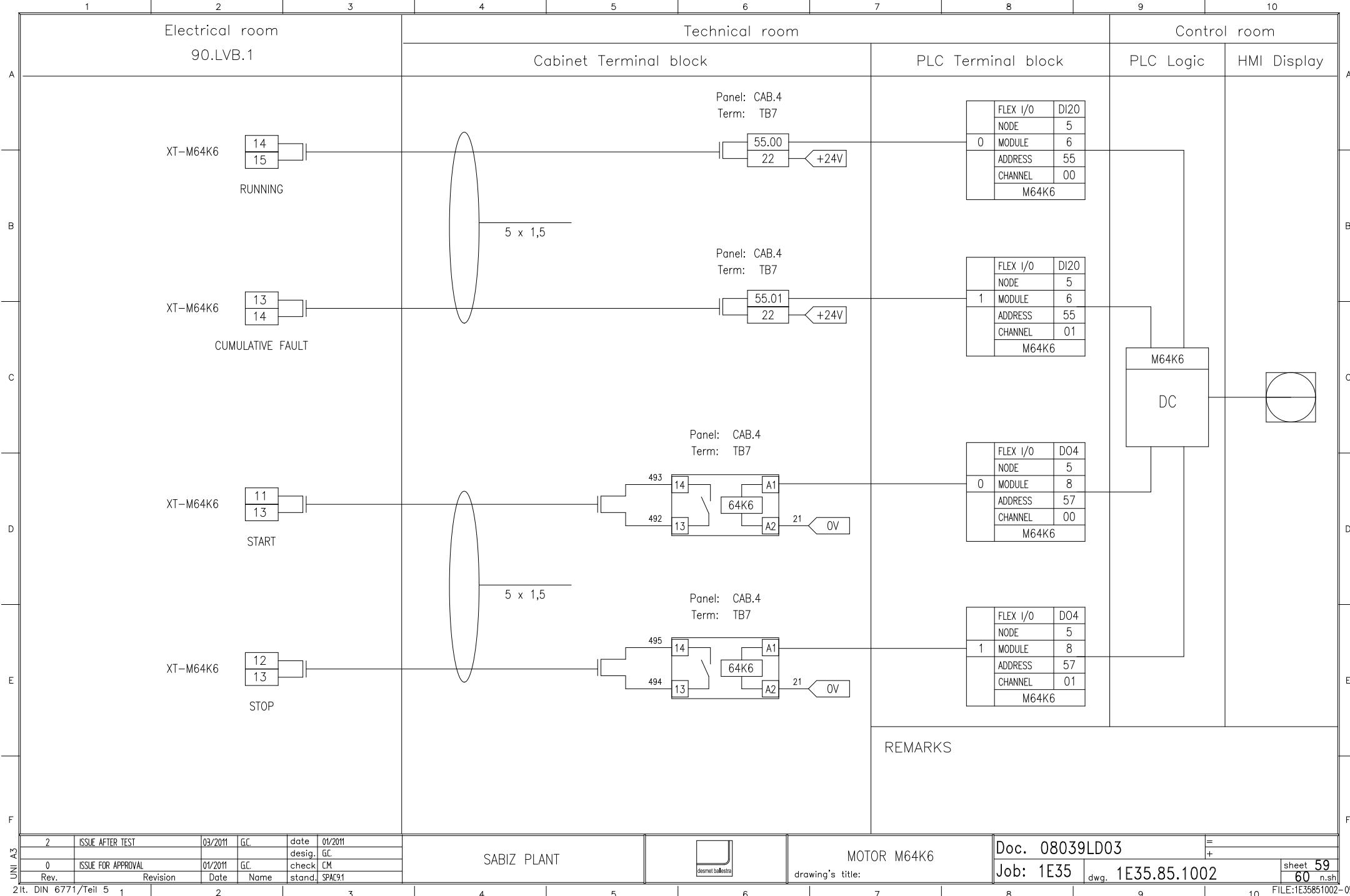


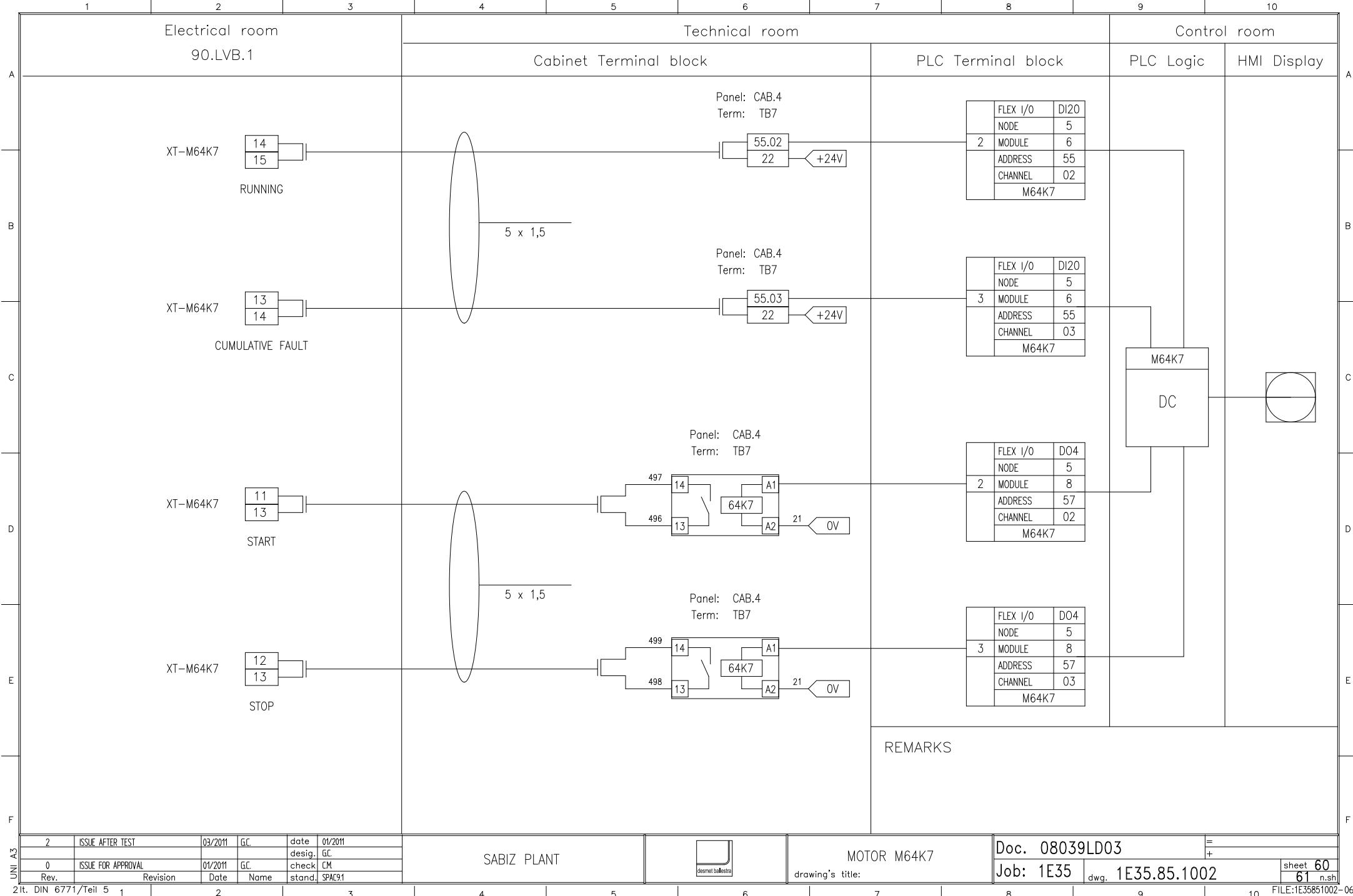


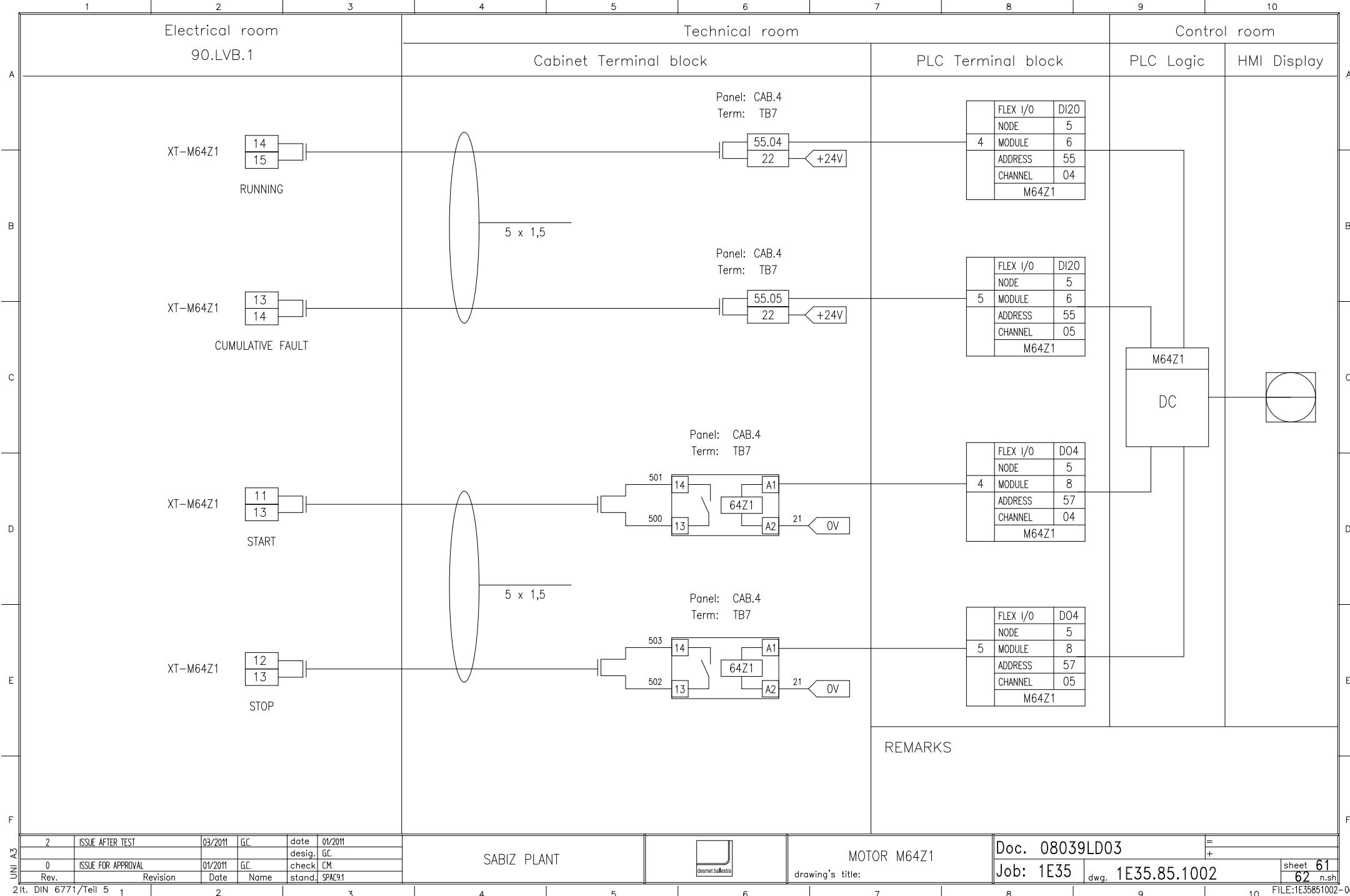


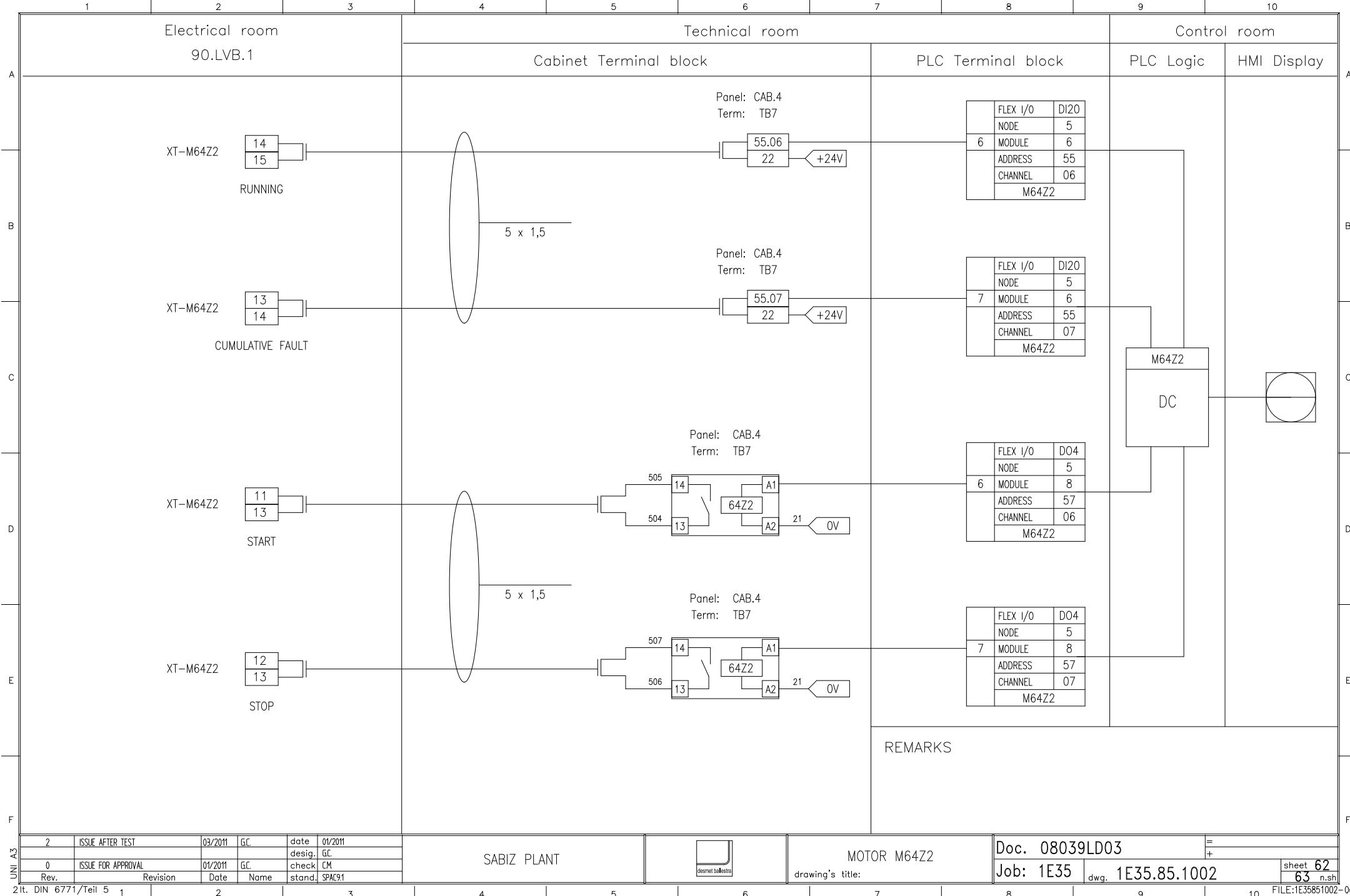


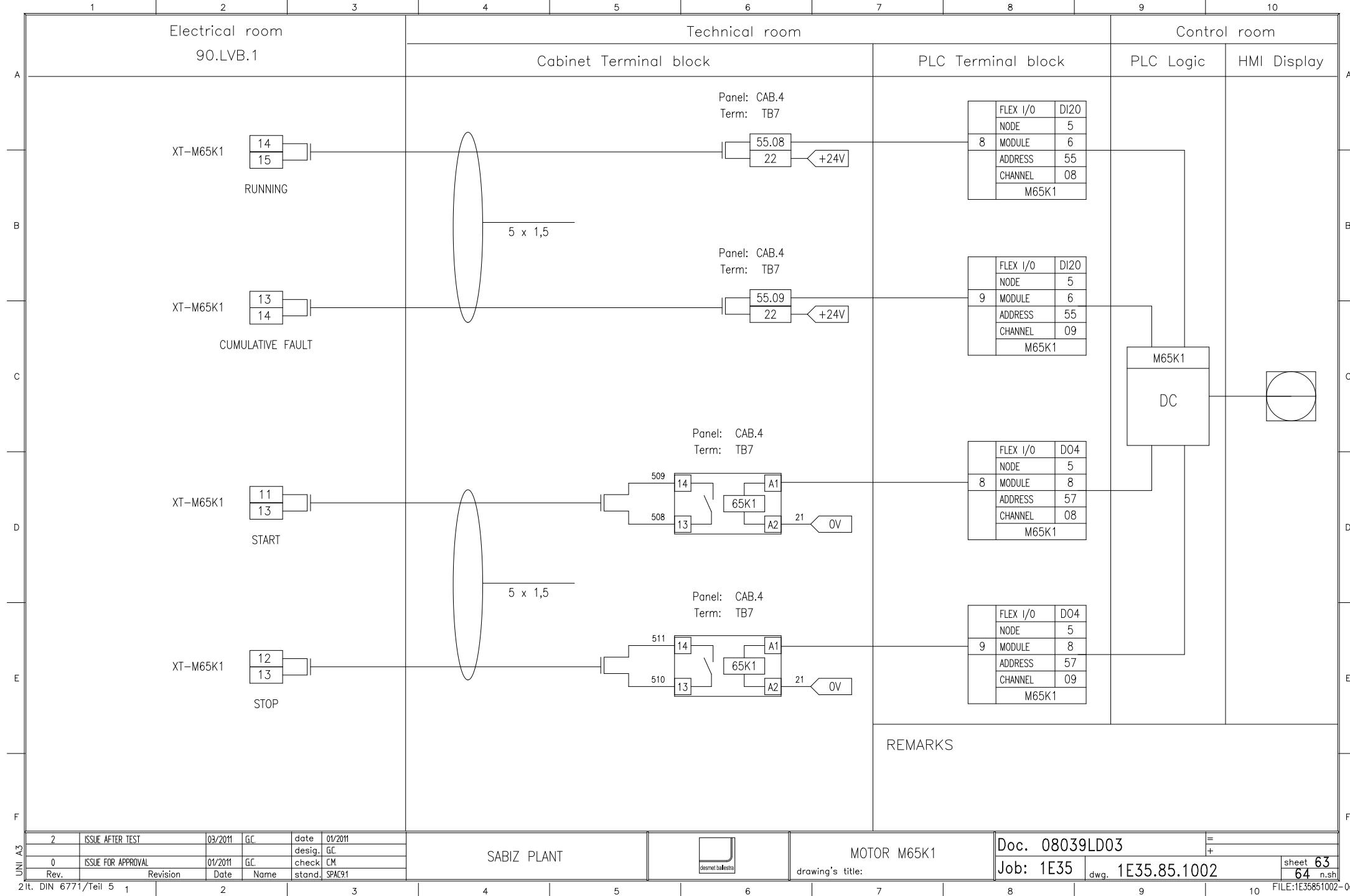


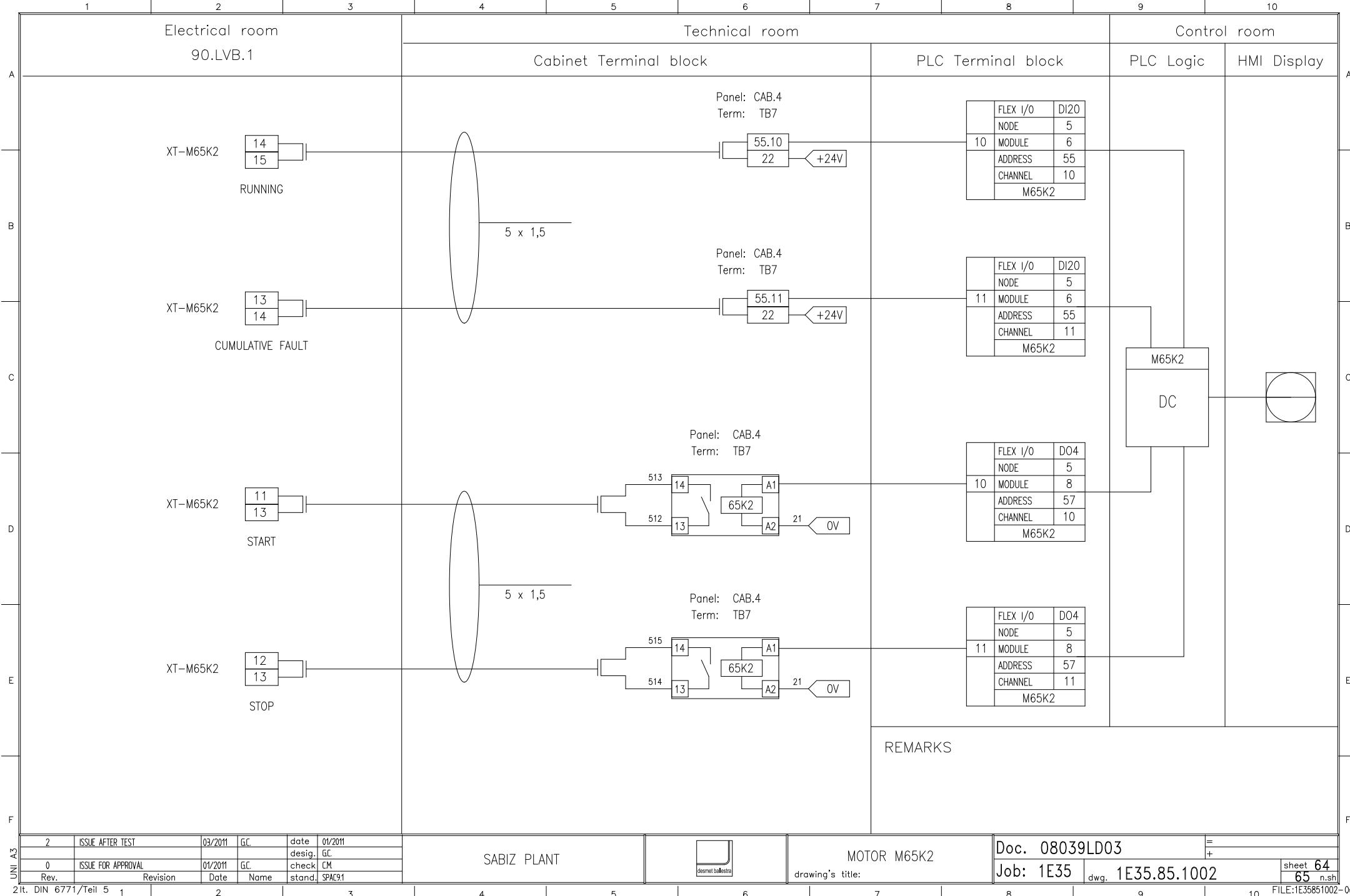


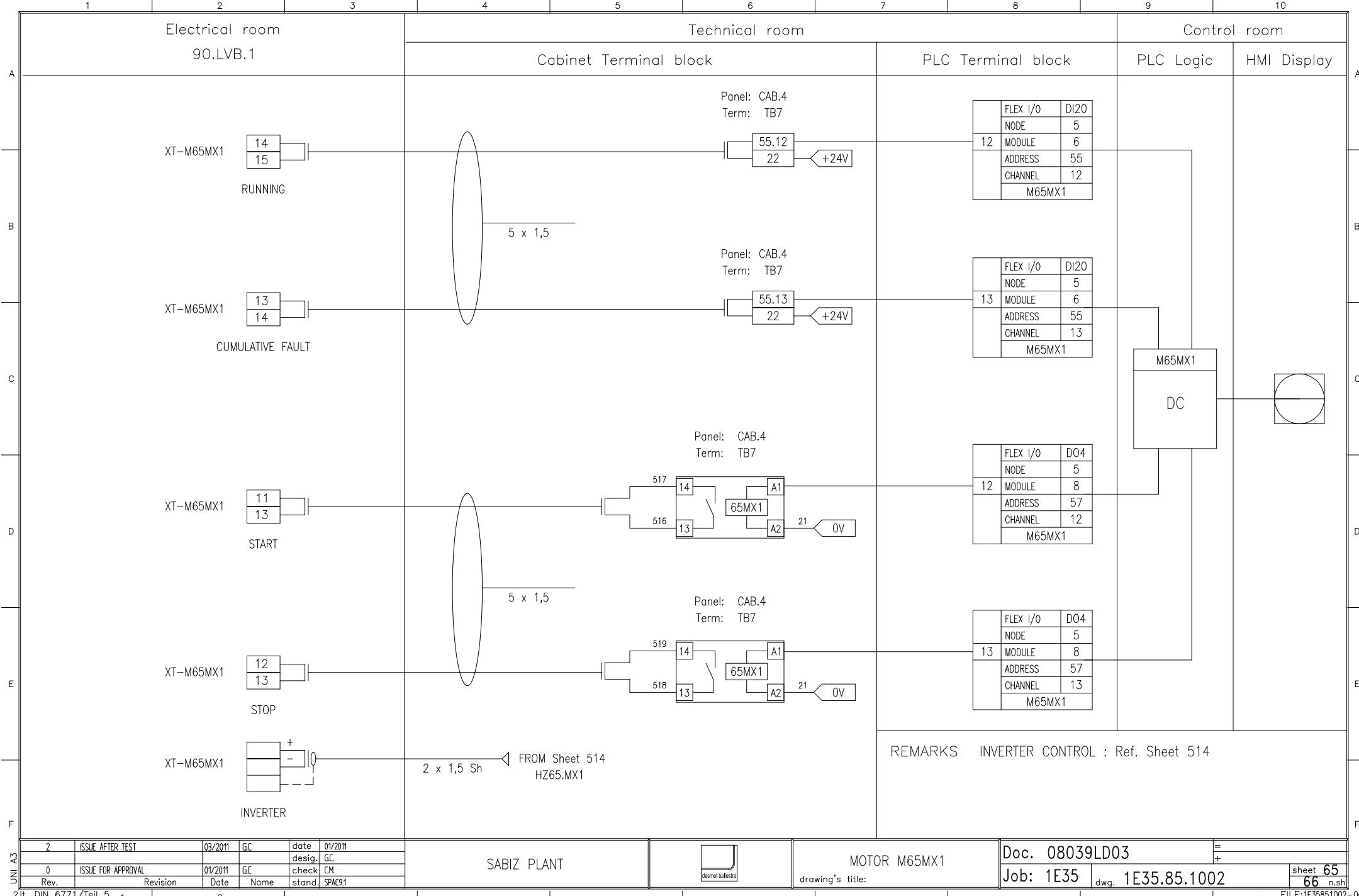


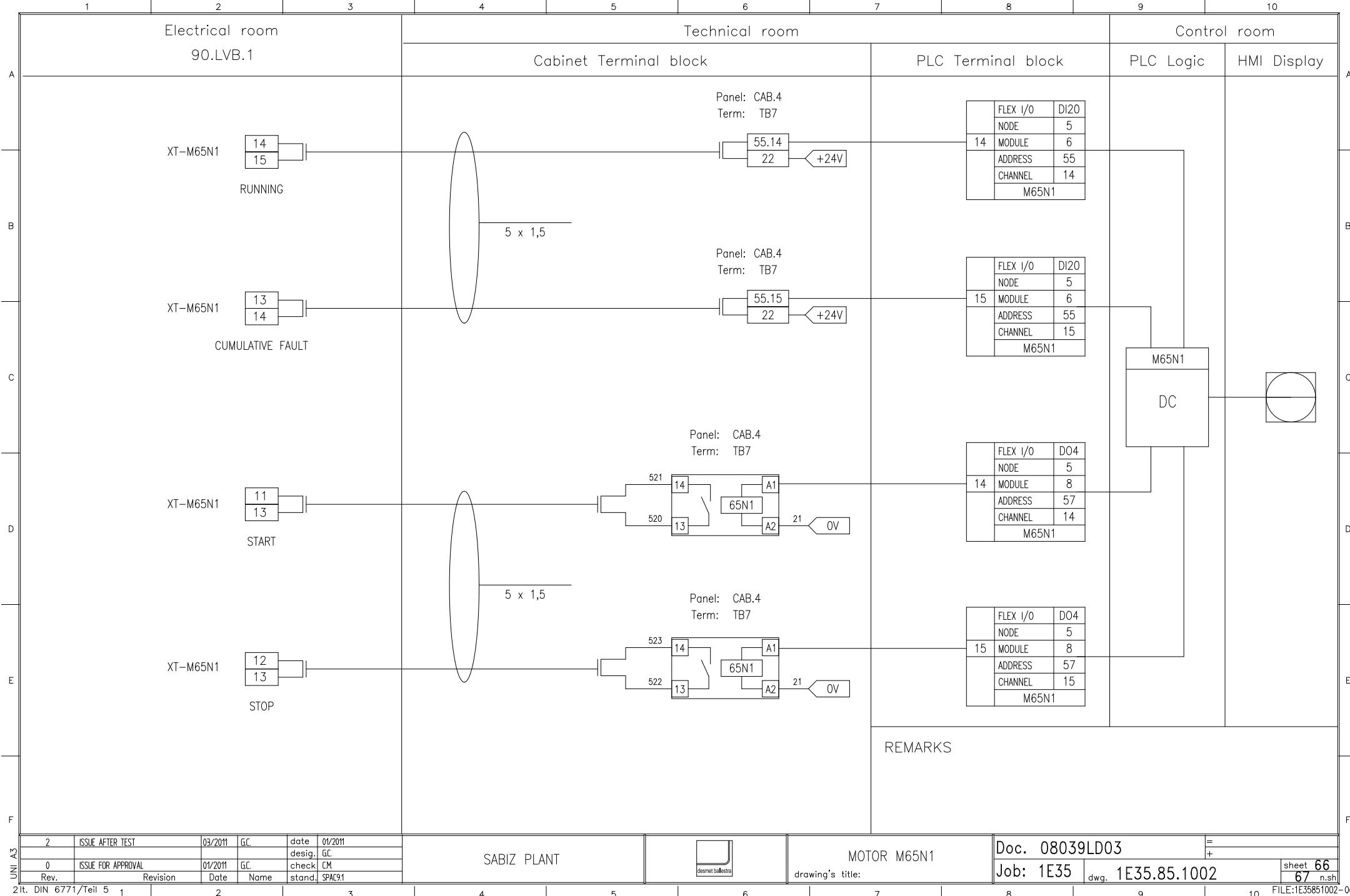


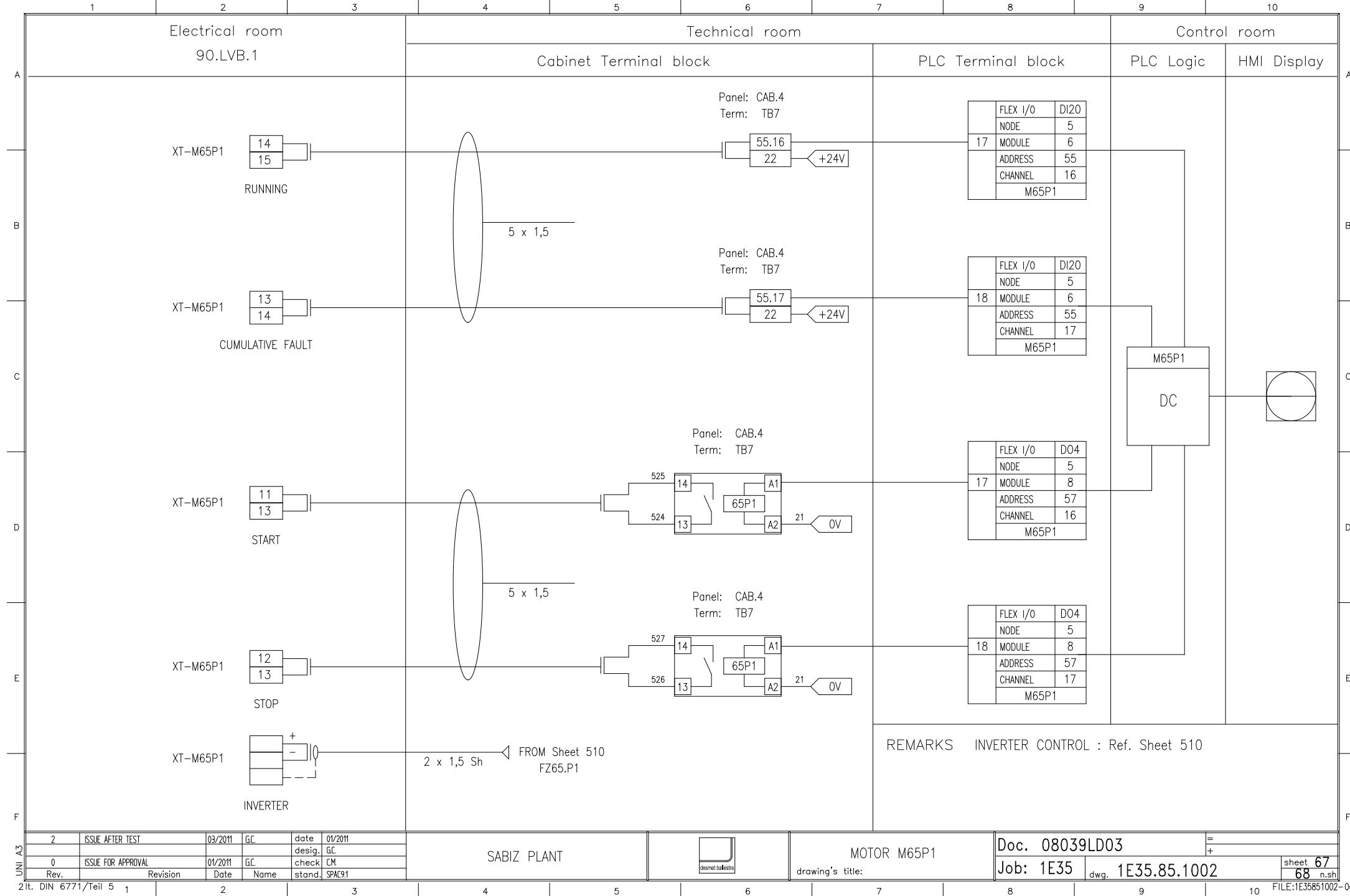


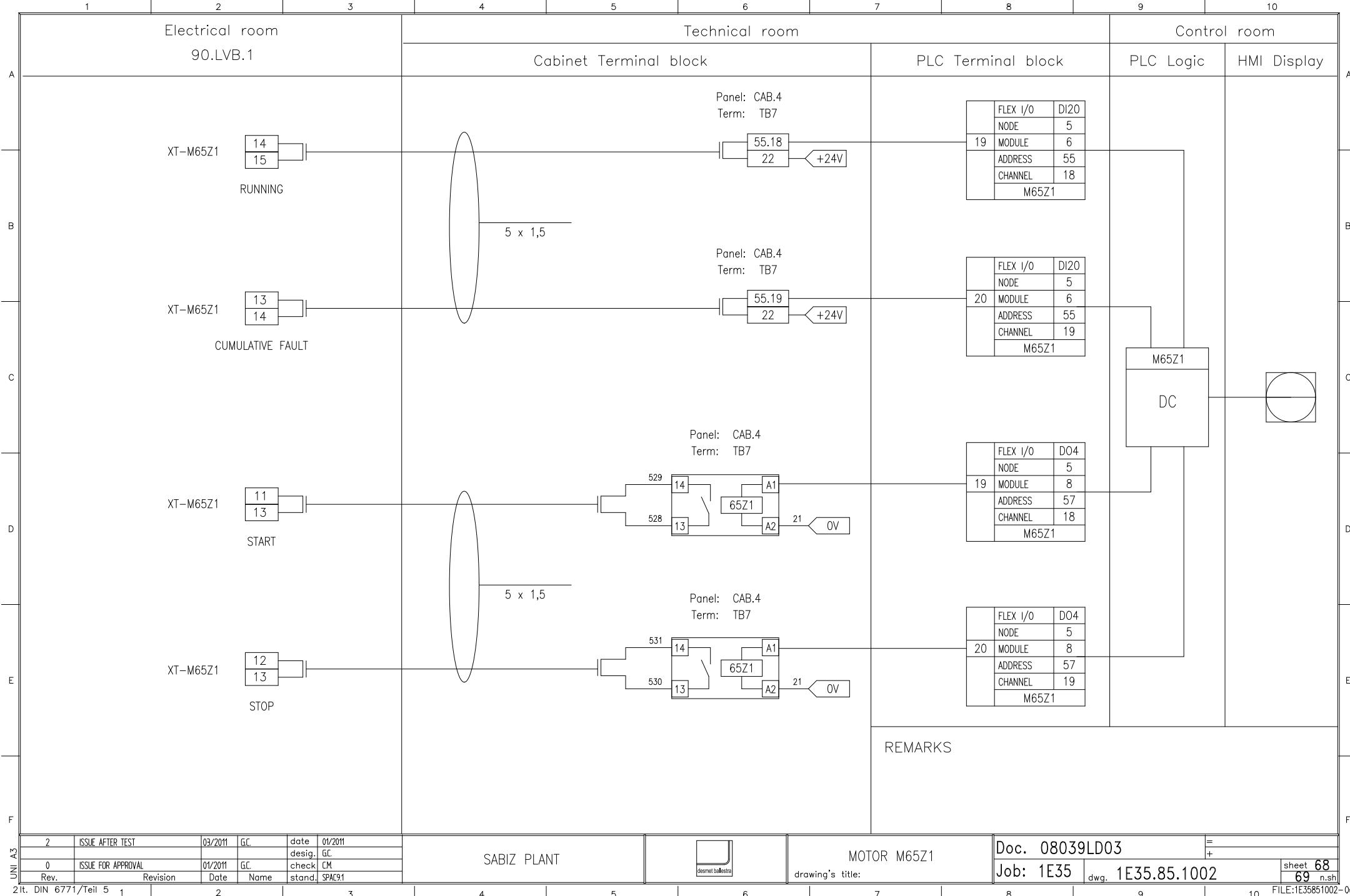


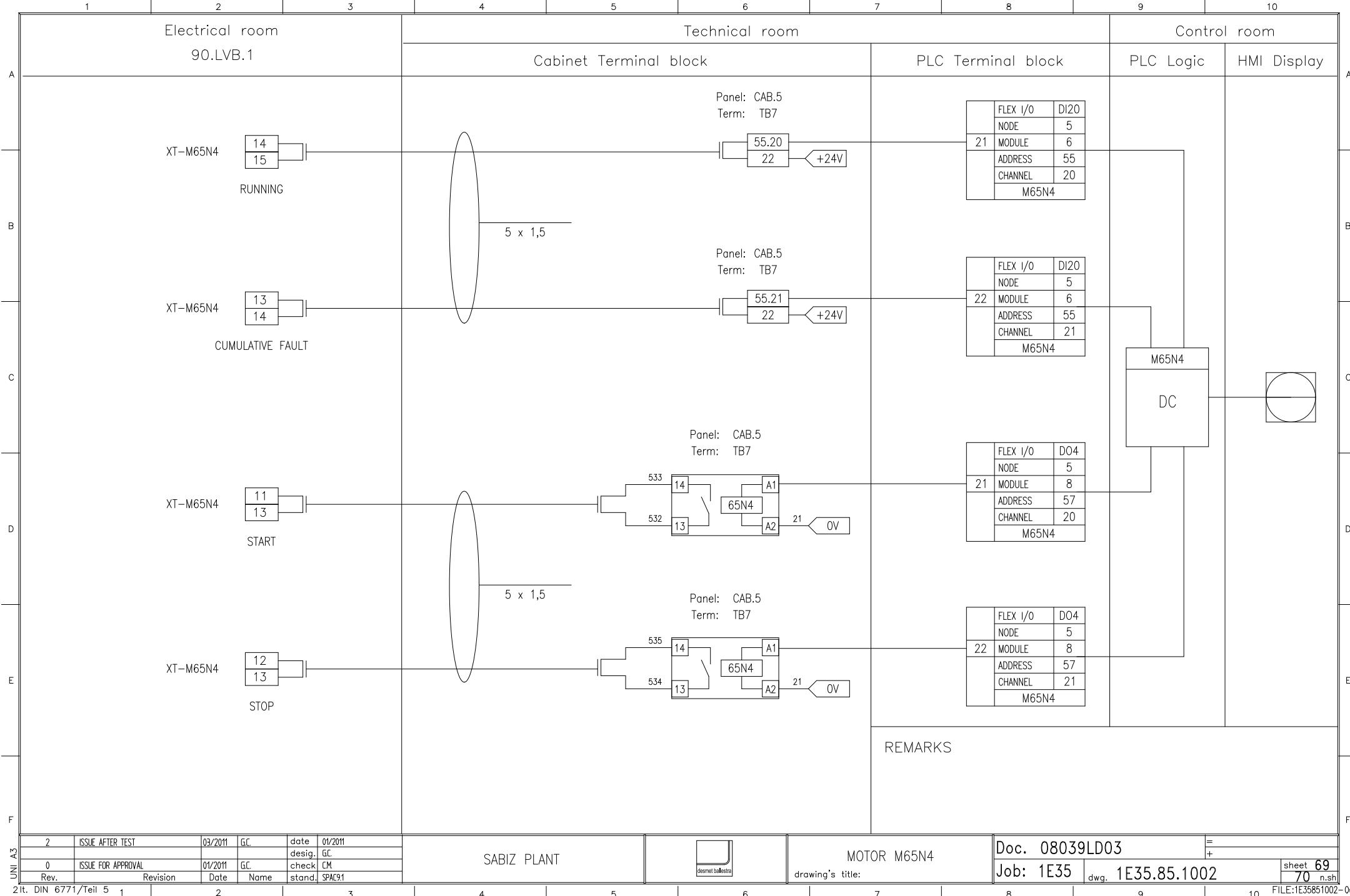


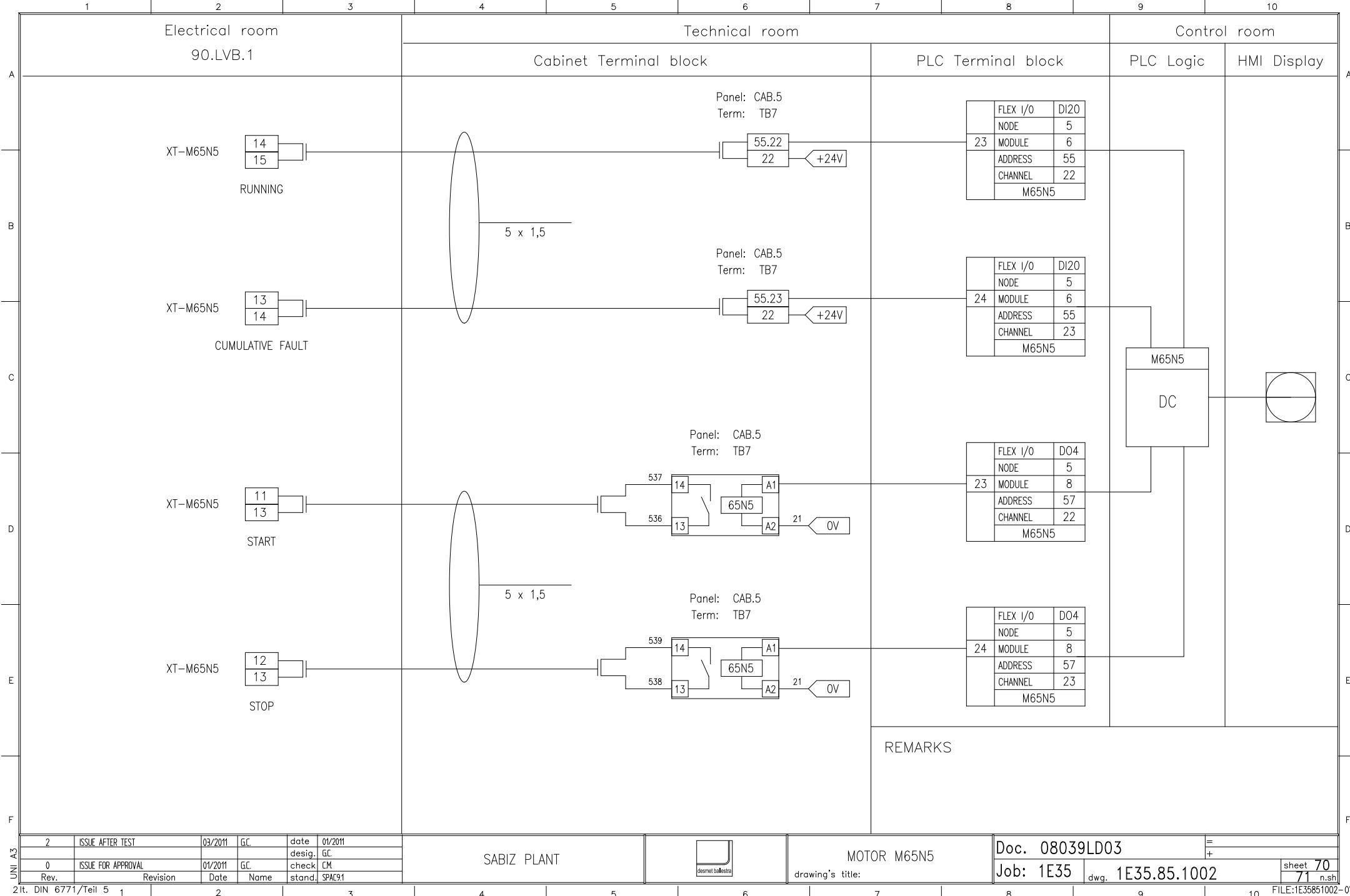


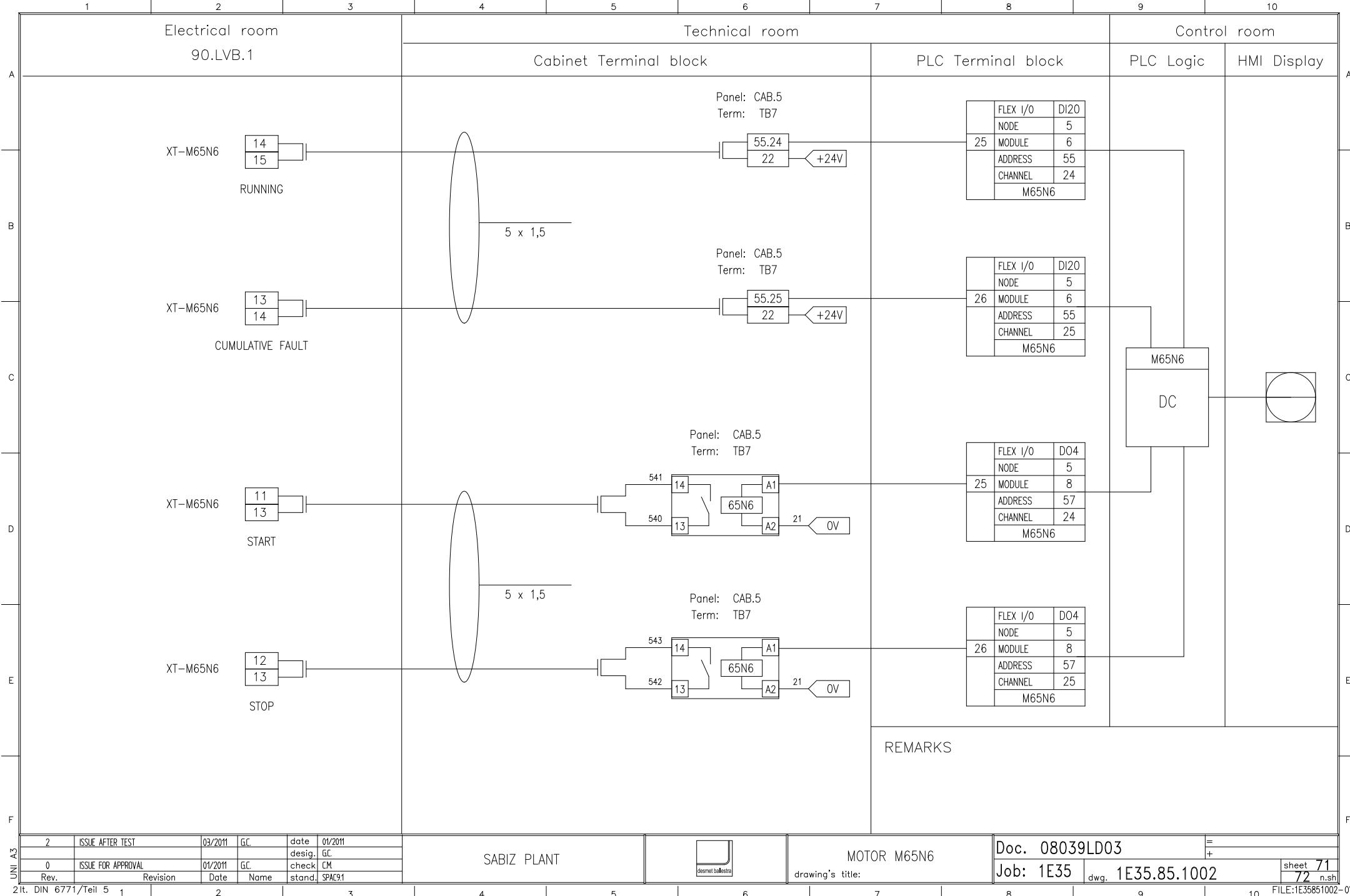


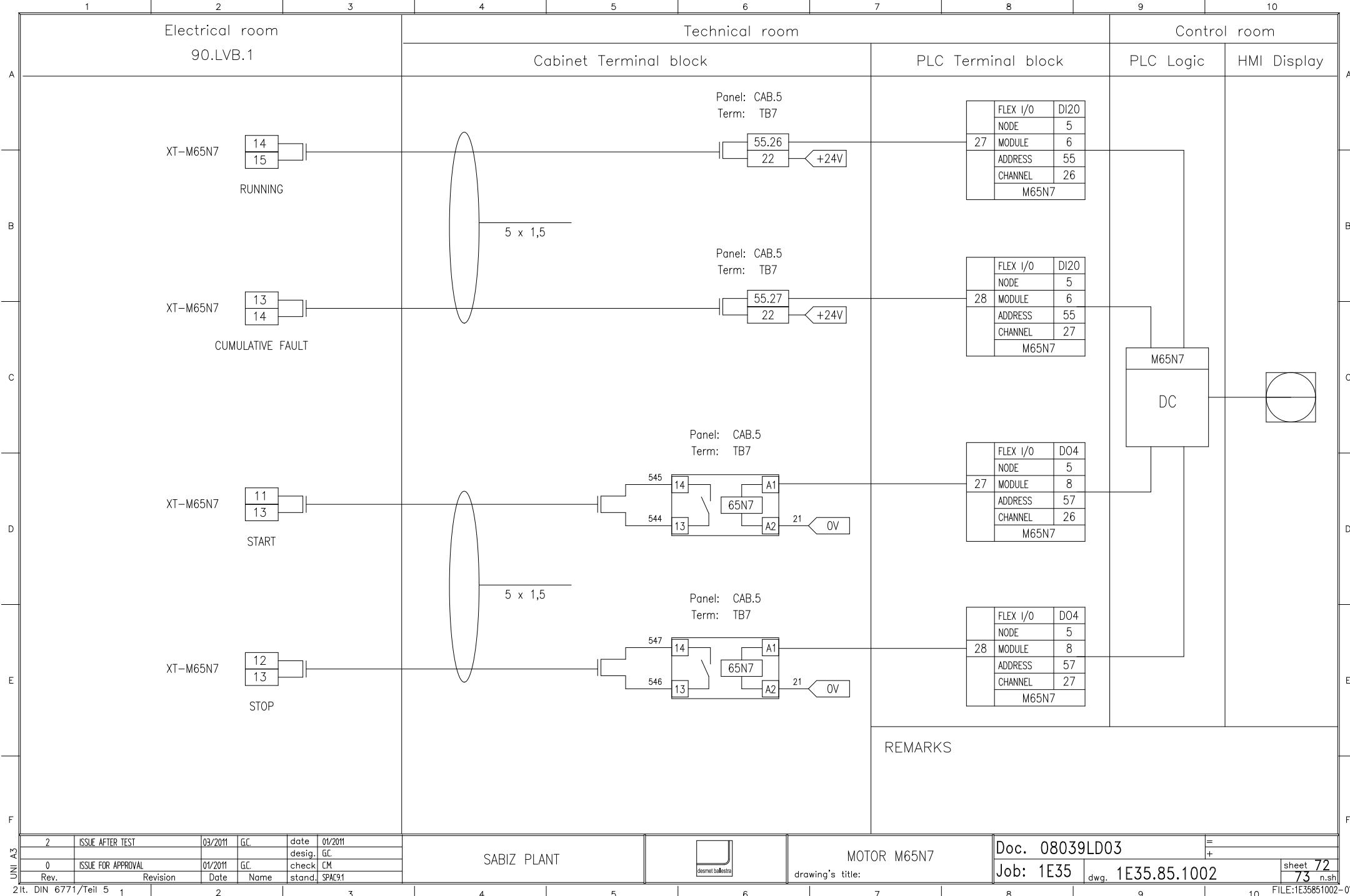


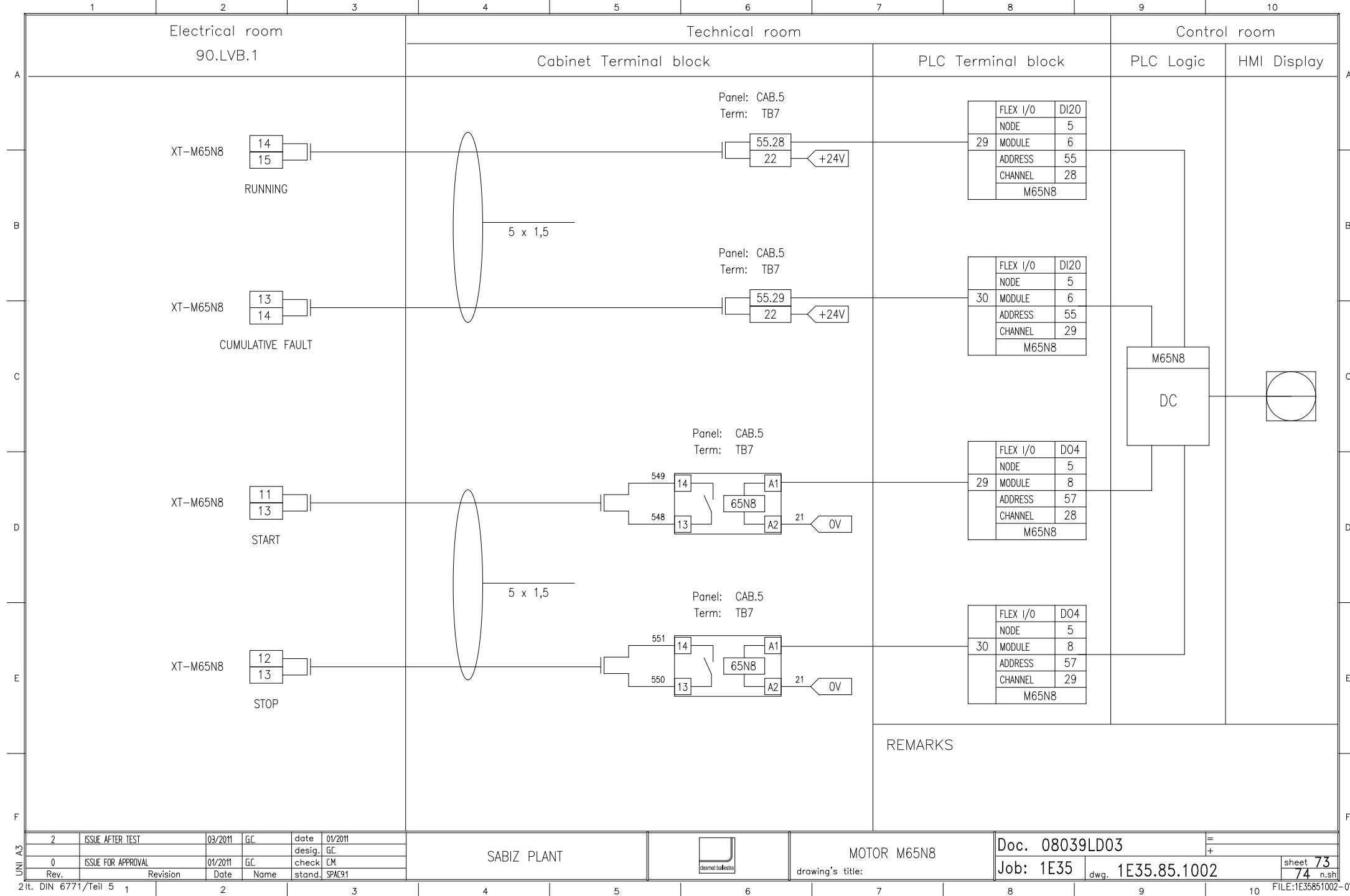


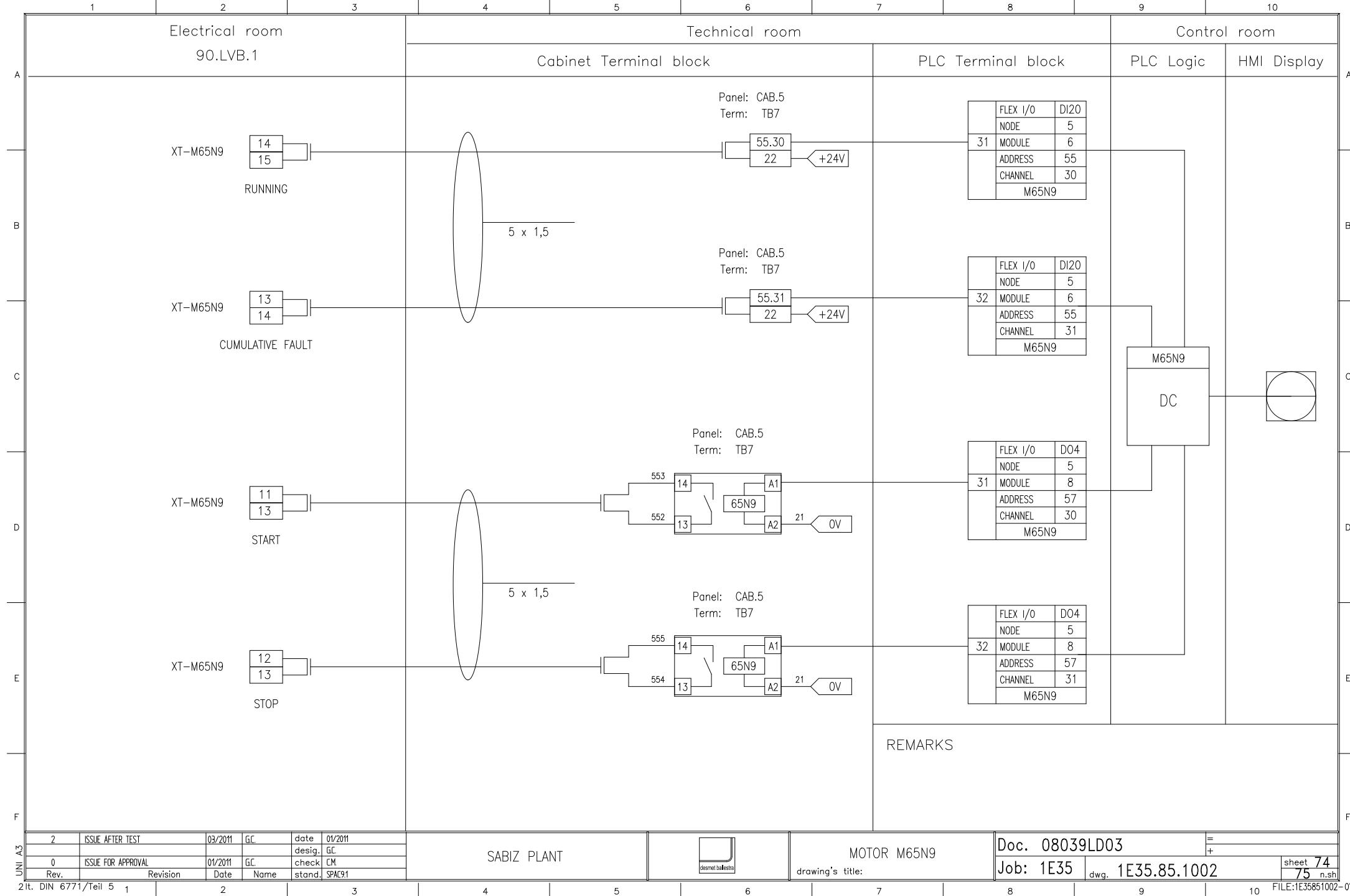


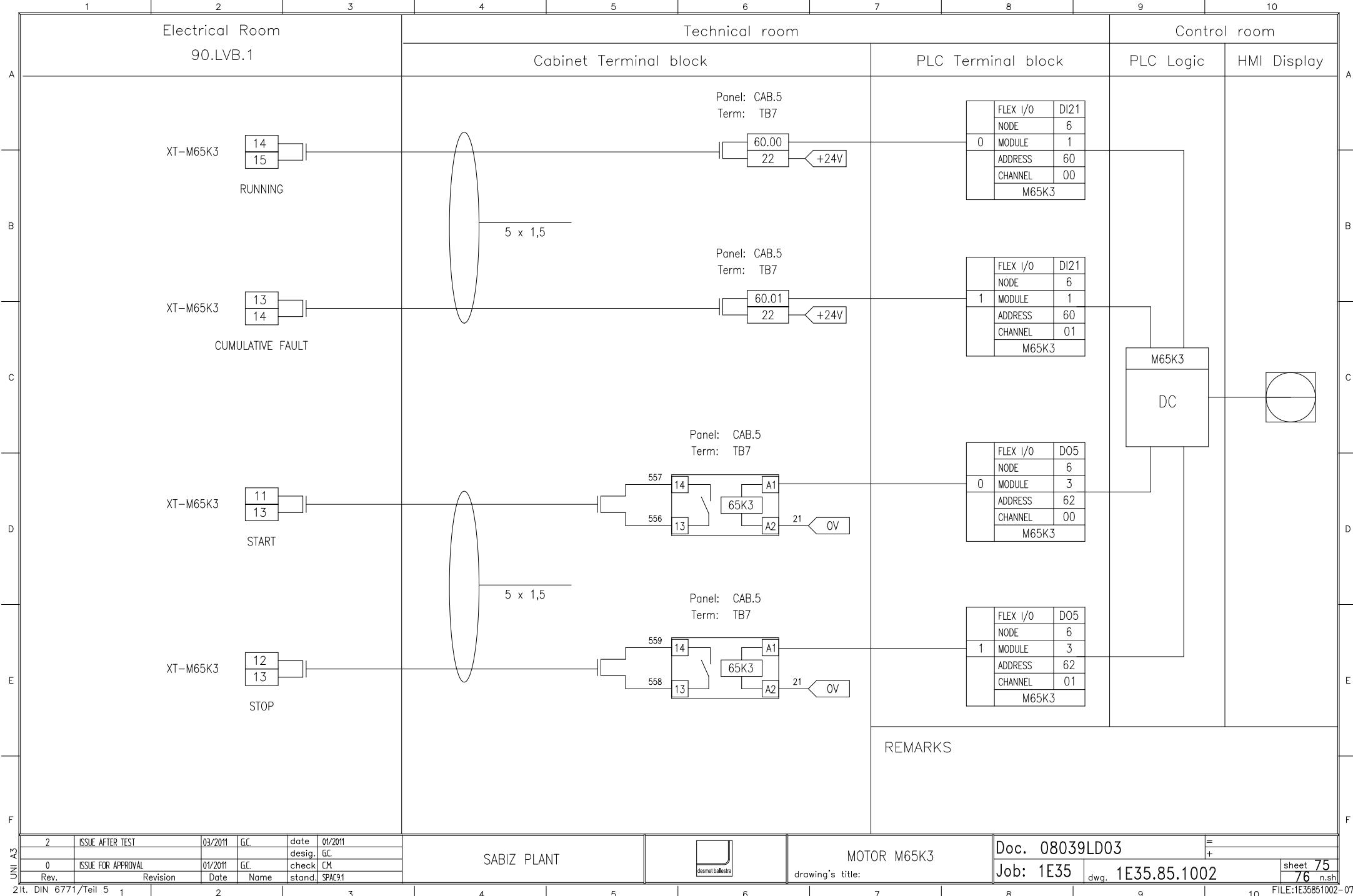


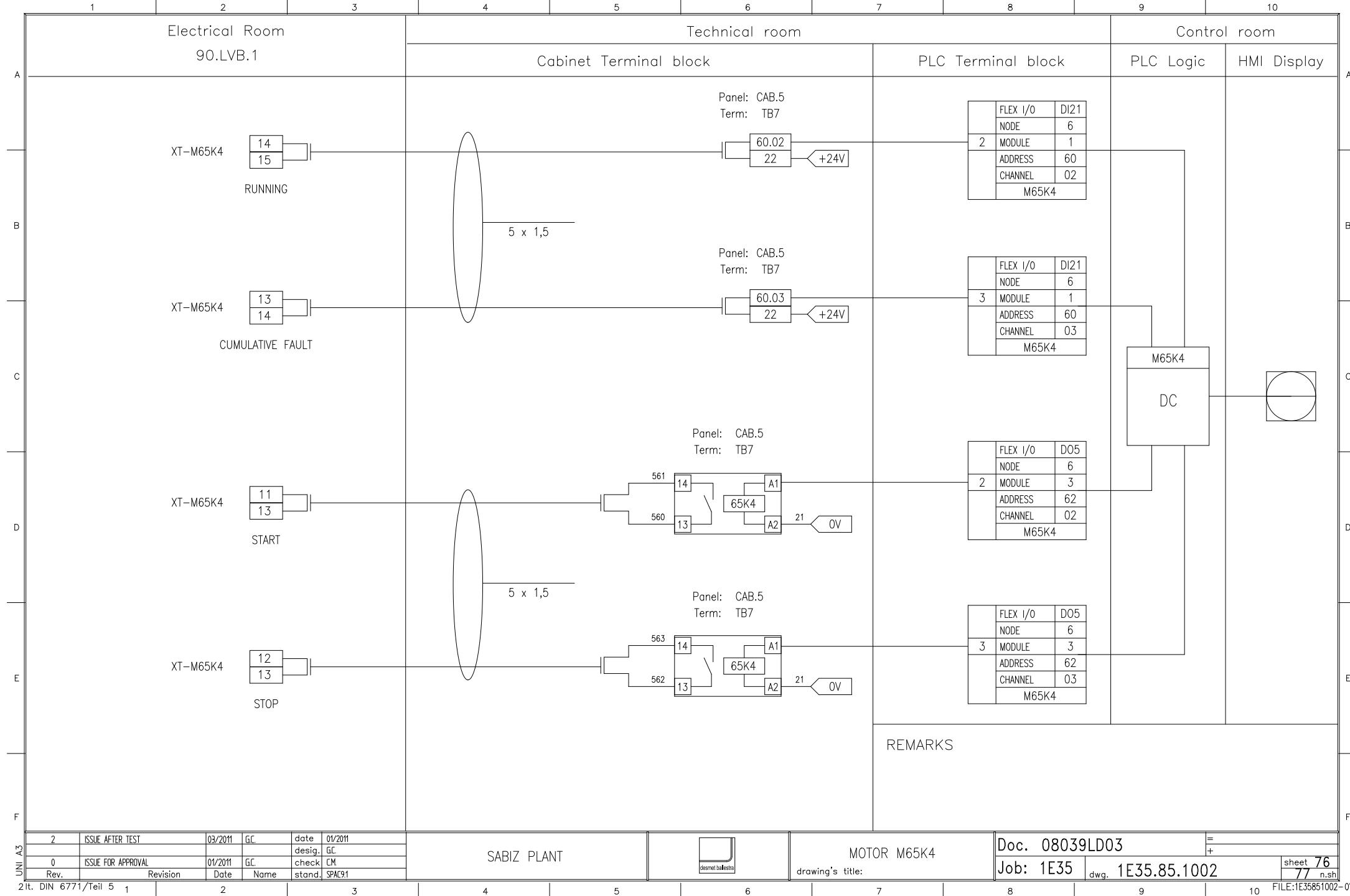


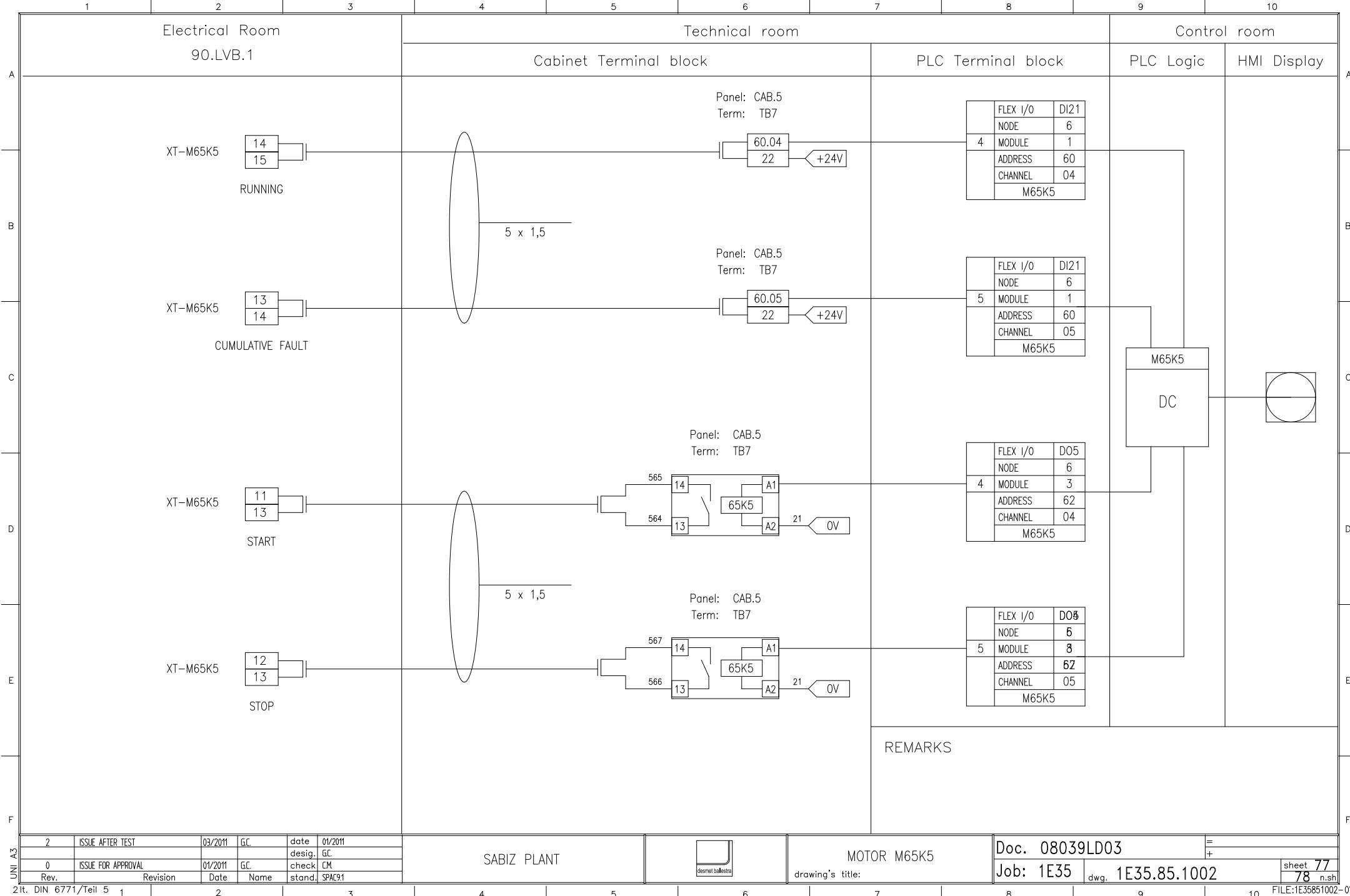


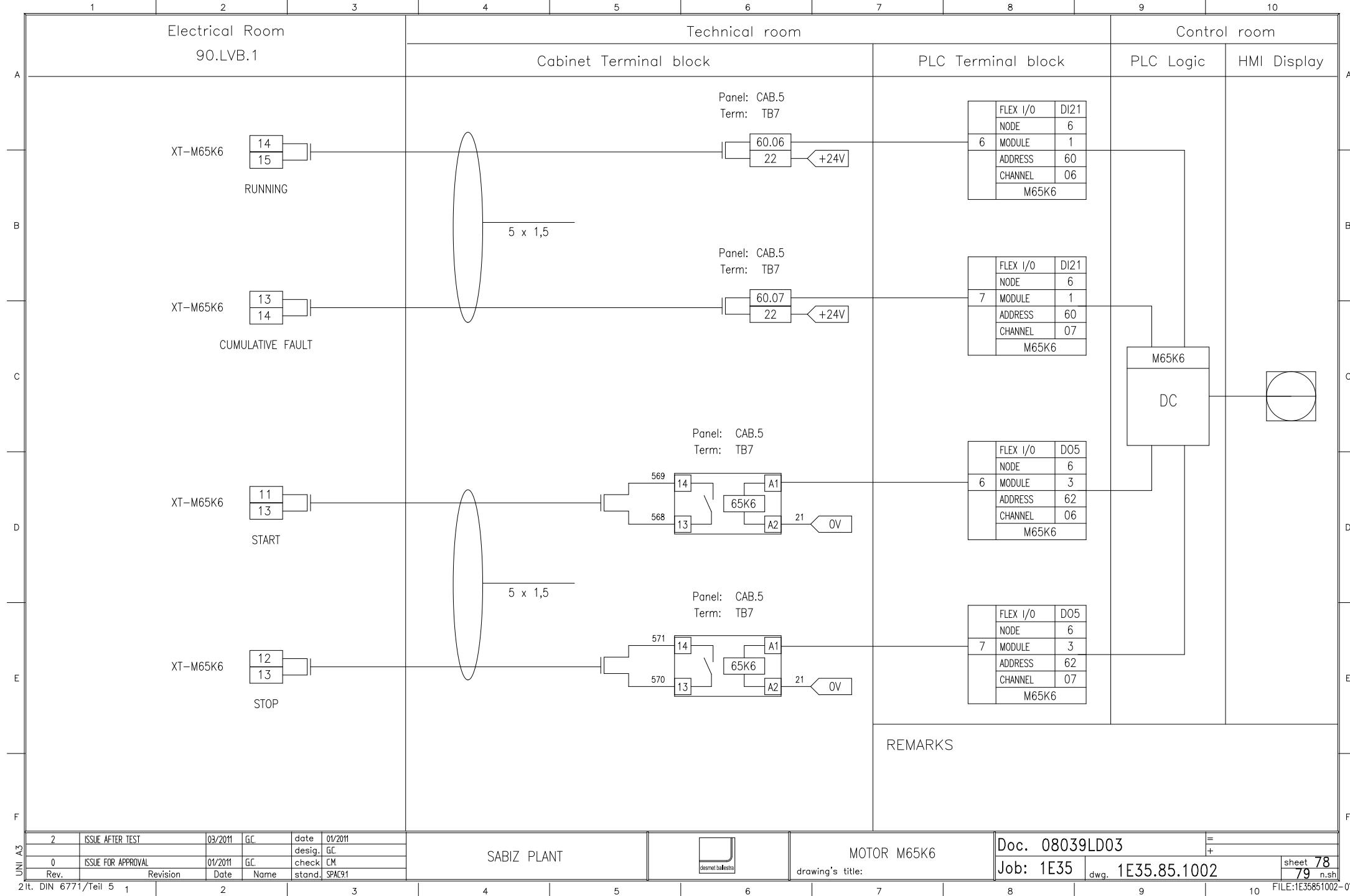


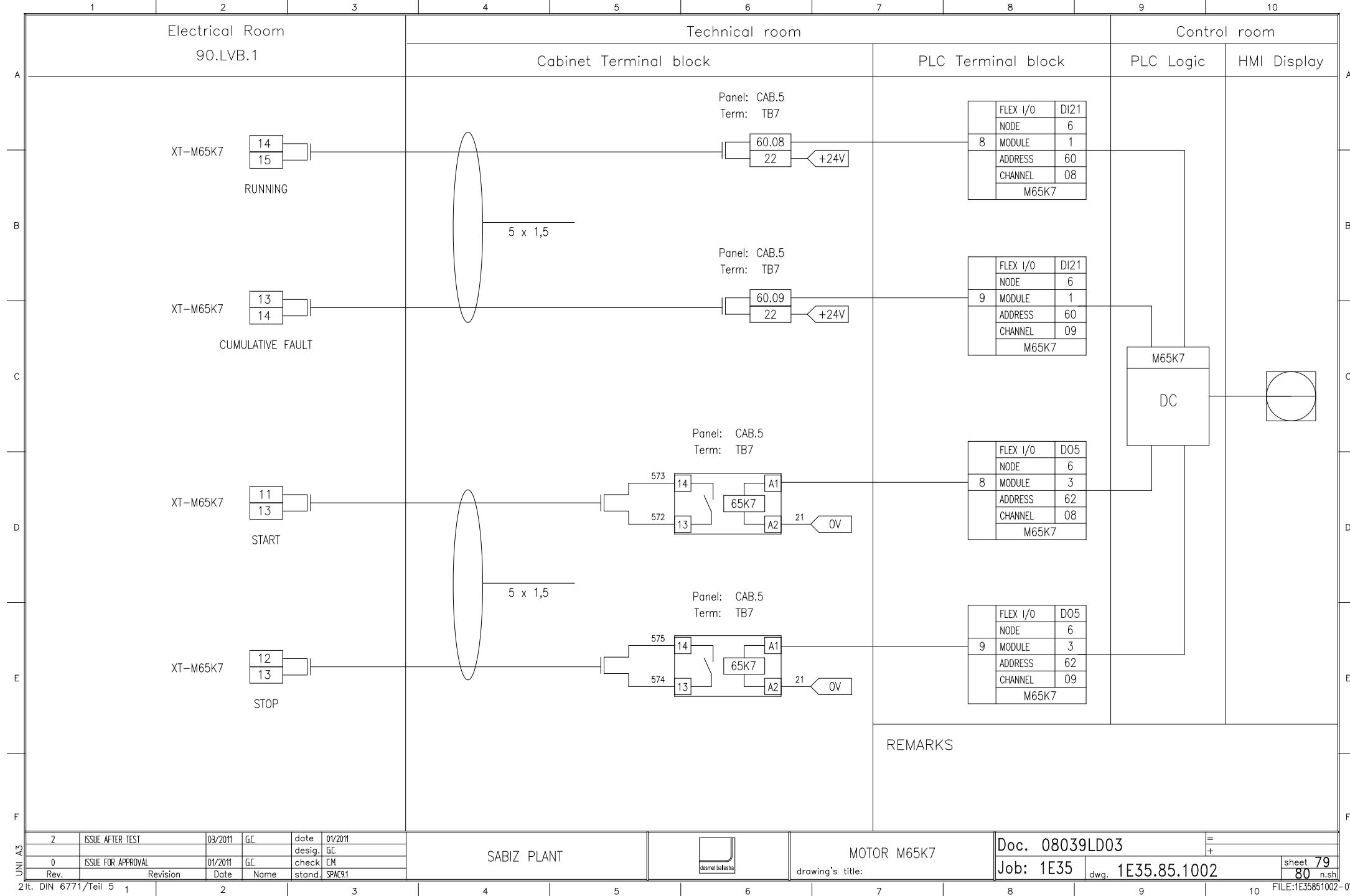


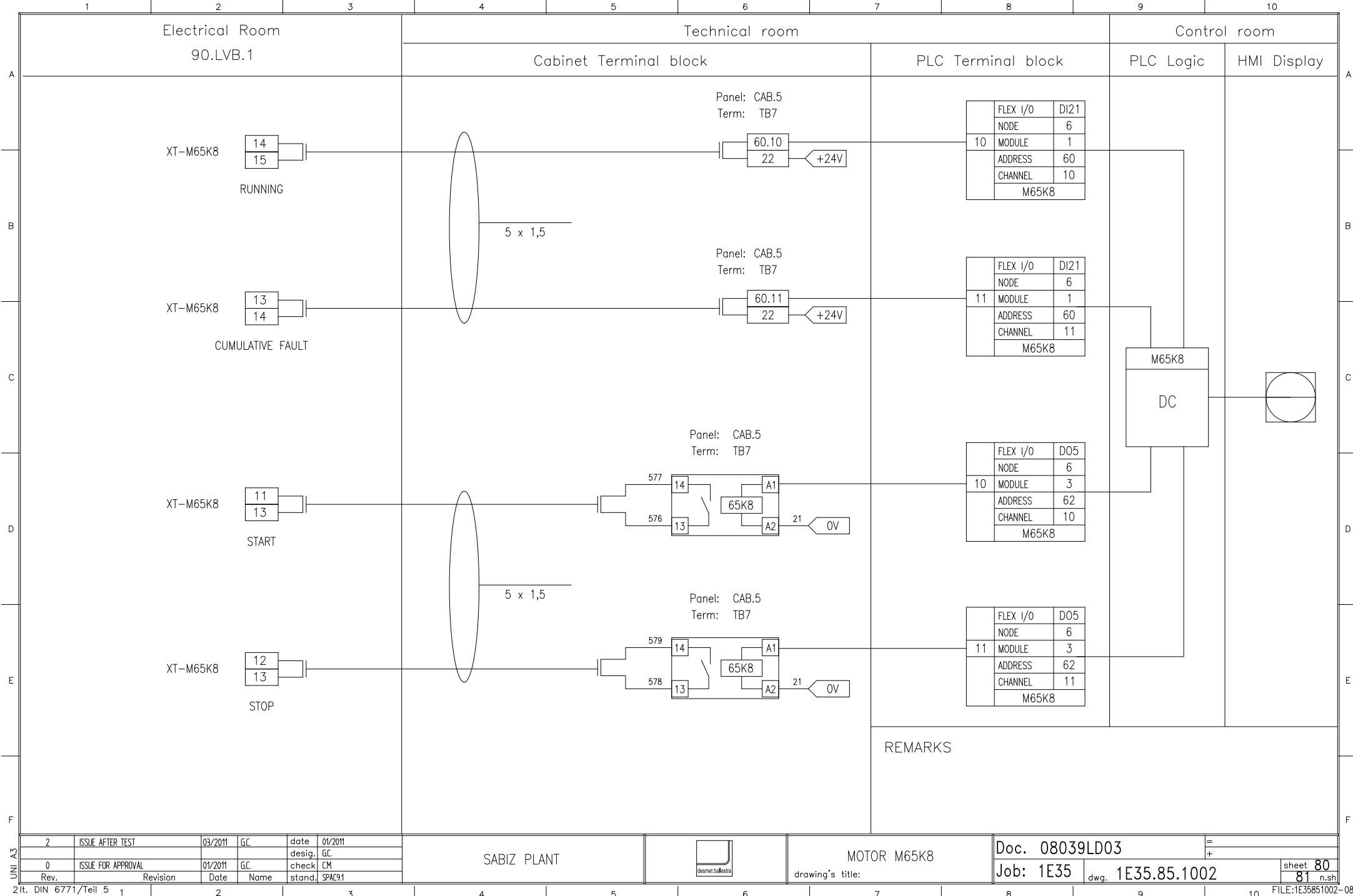


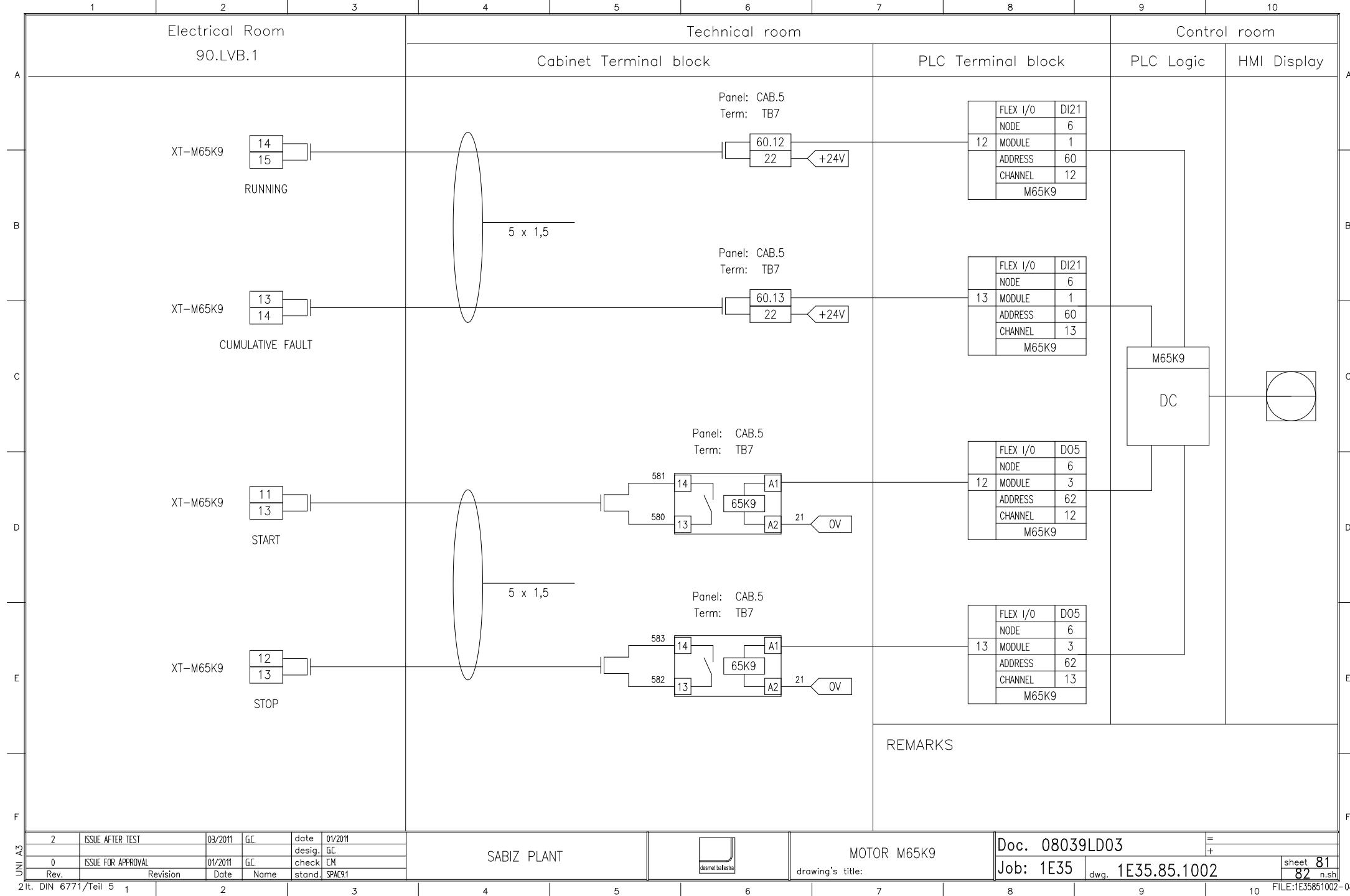












1 2 3 4 5 6 7 8 9 10

Electrical Room
90.LVB.1

Technical room

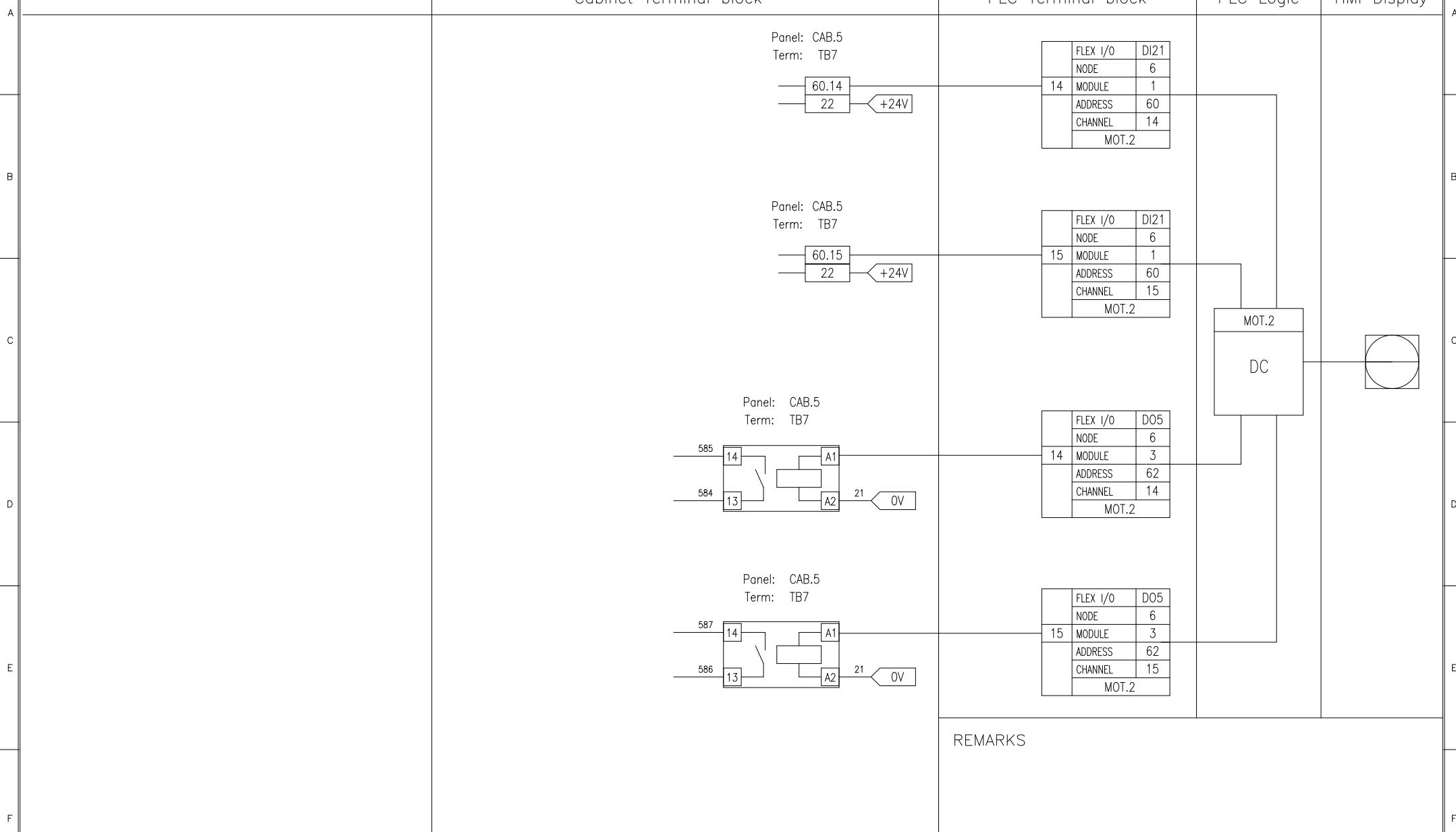
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT



SPARE MOTOR MOT.2

drawing's title:

Doc. 08039LD03

Job: 1E35

dwg. 1E35.85.1002

sheet 82

83 n.sh

1 2 3 4 5 6 7 8 9 10

Electrical Room
90.LVB.1

Technical room

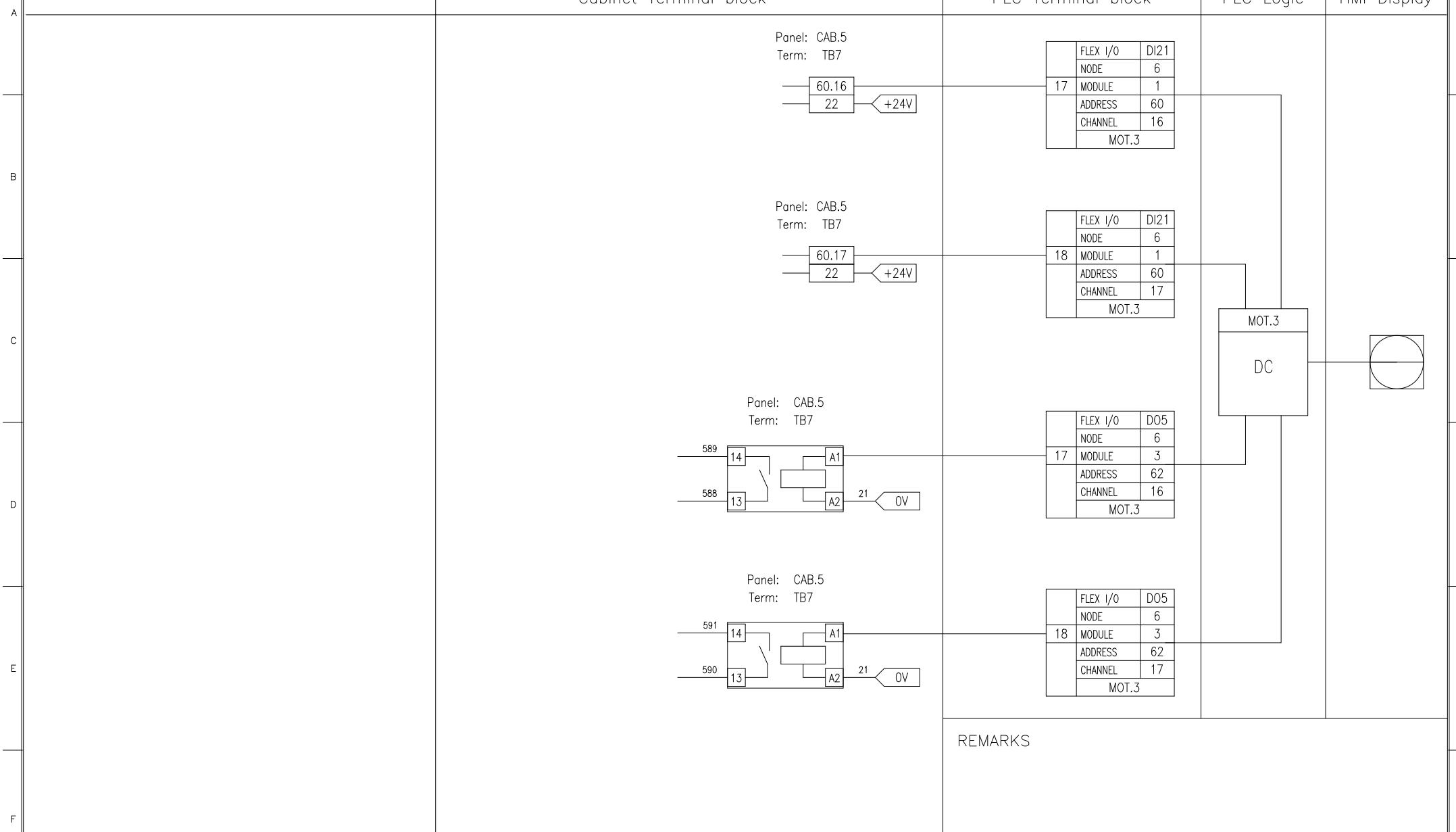
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT



SPARE MOTOR MOT.3

drawing's title:

Doc. 08039LD03

Job: 1E35

dwg. 1E35.85.1002

sheet 83

n.sh

1 2 3 4 5 6 7 8 9 10

Electrical Room
90.LVB.1

Technical room

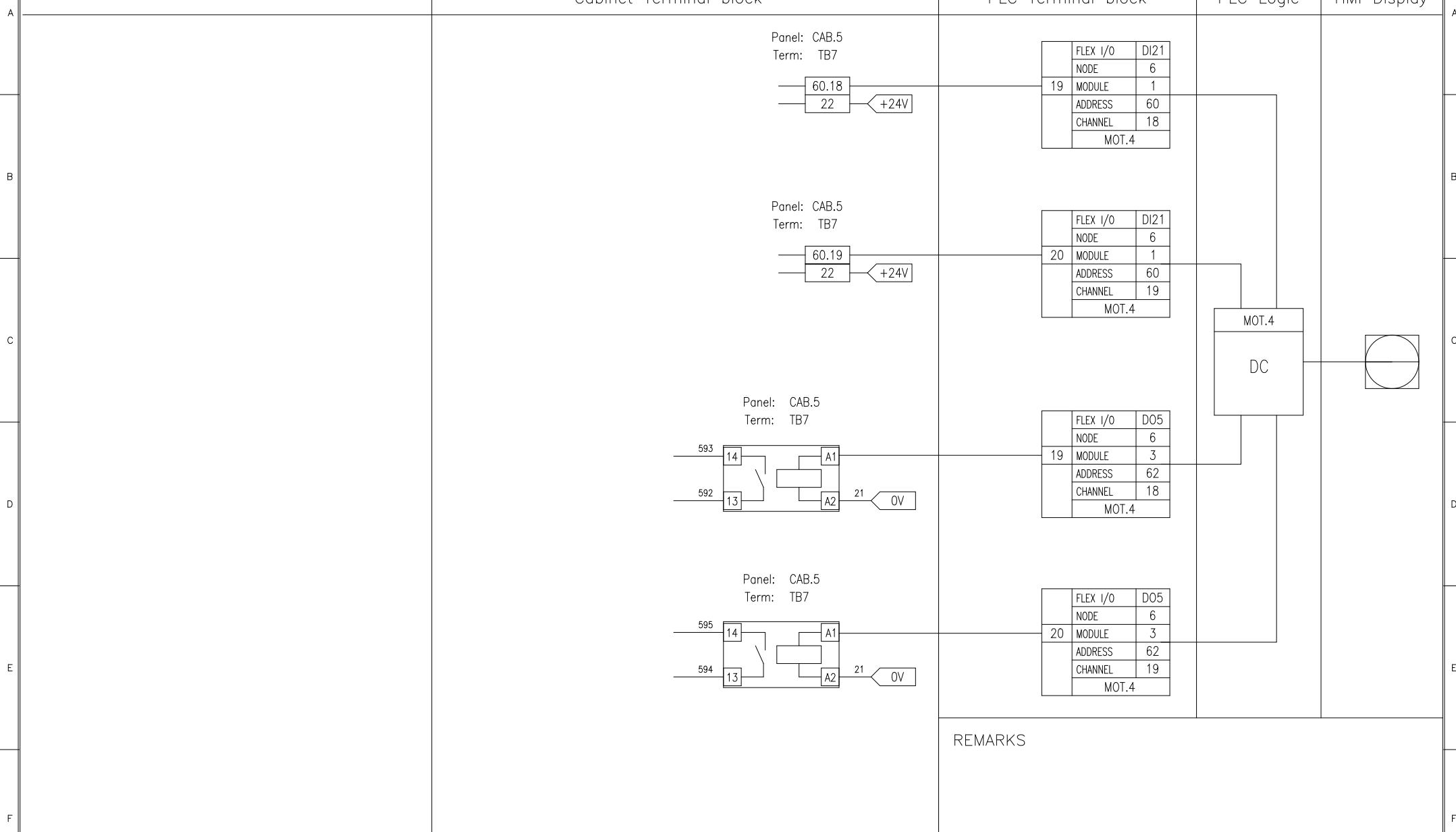
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT



SPARE MOTOR MOT.4

drawing's title:

Doc. 08039LD03

Job: 1E35

dwg. 1E35.85.1002

sheet 84

85 n.sh

1 2 3 4 5 6 7 8 9 10

Electrical Room
90.LVB.1

Technical room

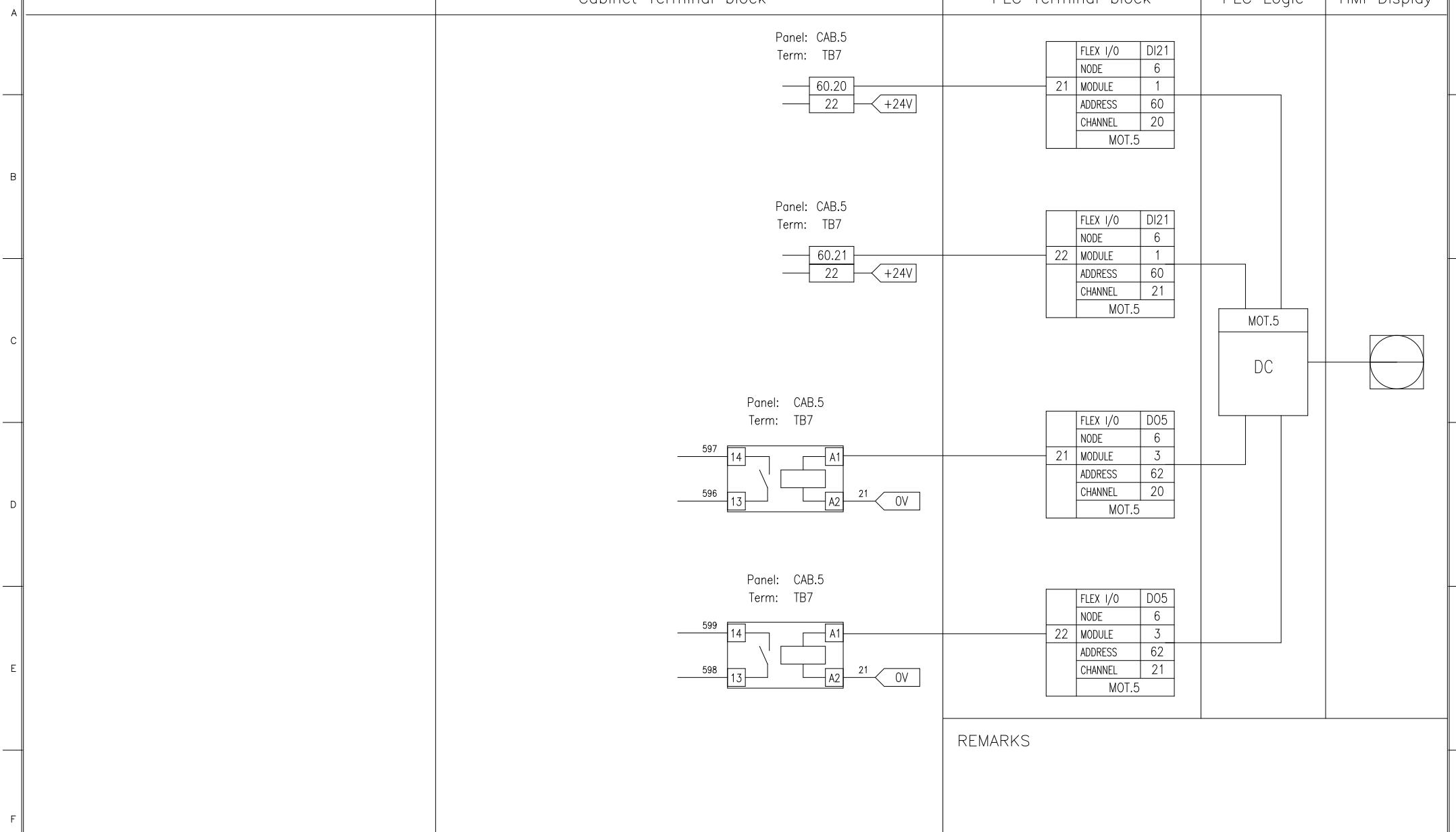
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



UNI A3					date 01/2011
					desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



SPARE MOTOR MOT.5

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 85
86 n.sh

1 2 3 4 5 6 7 8 9 10

Electrical Room
90.LVB.1

Technical room

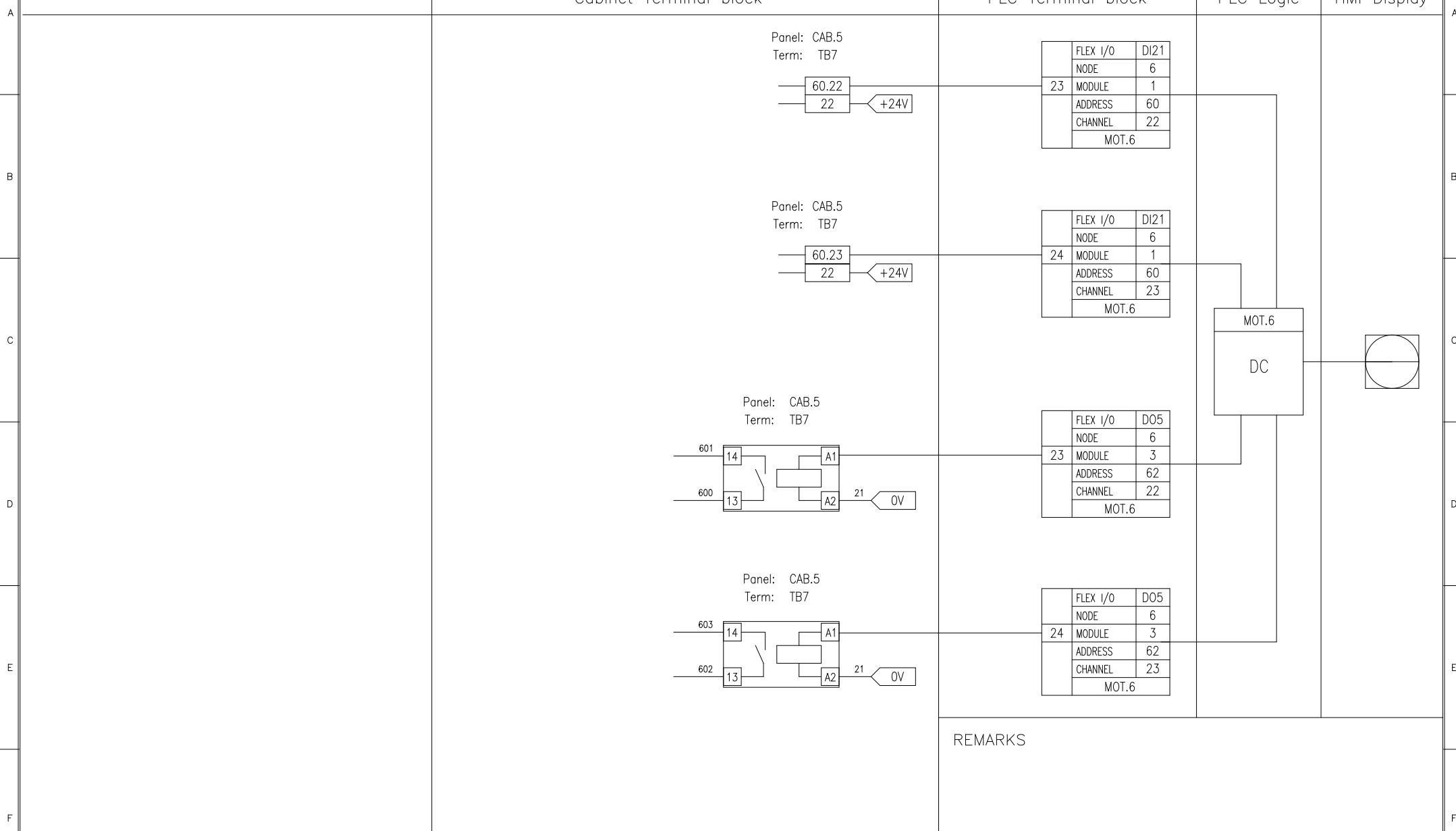
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT



SPARE MOTOR MOT.6

drawing's title:

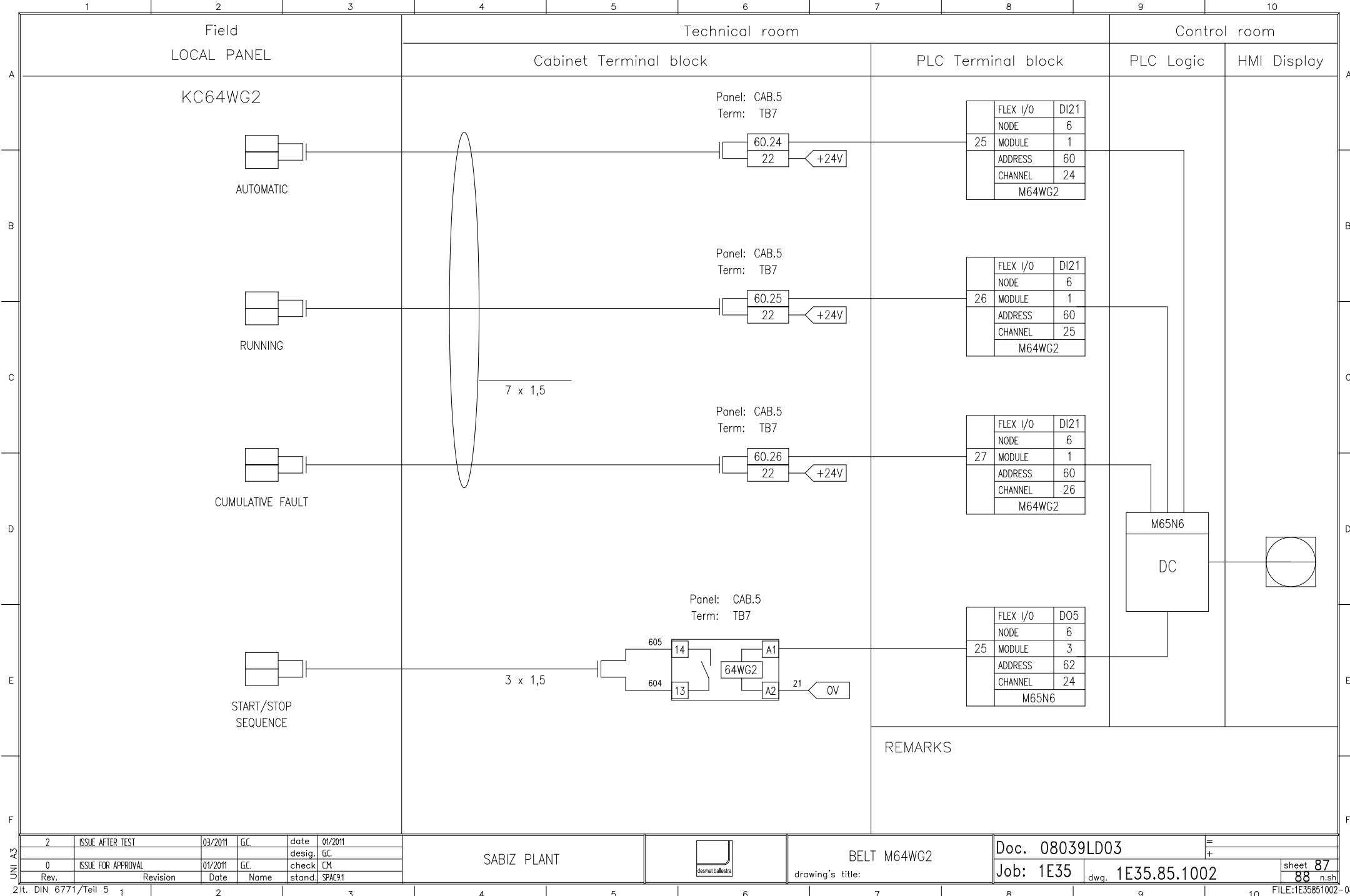
Doc. 08039LD03

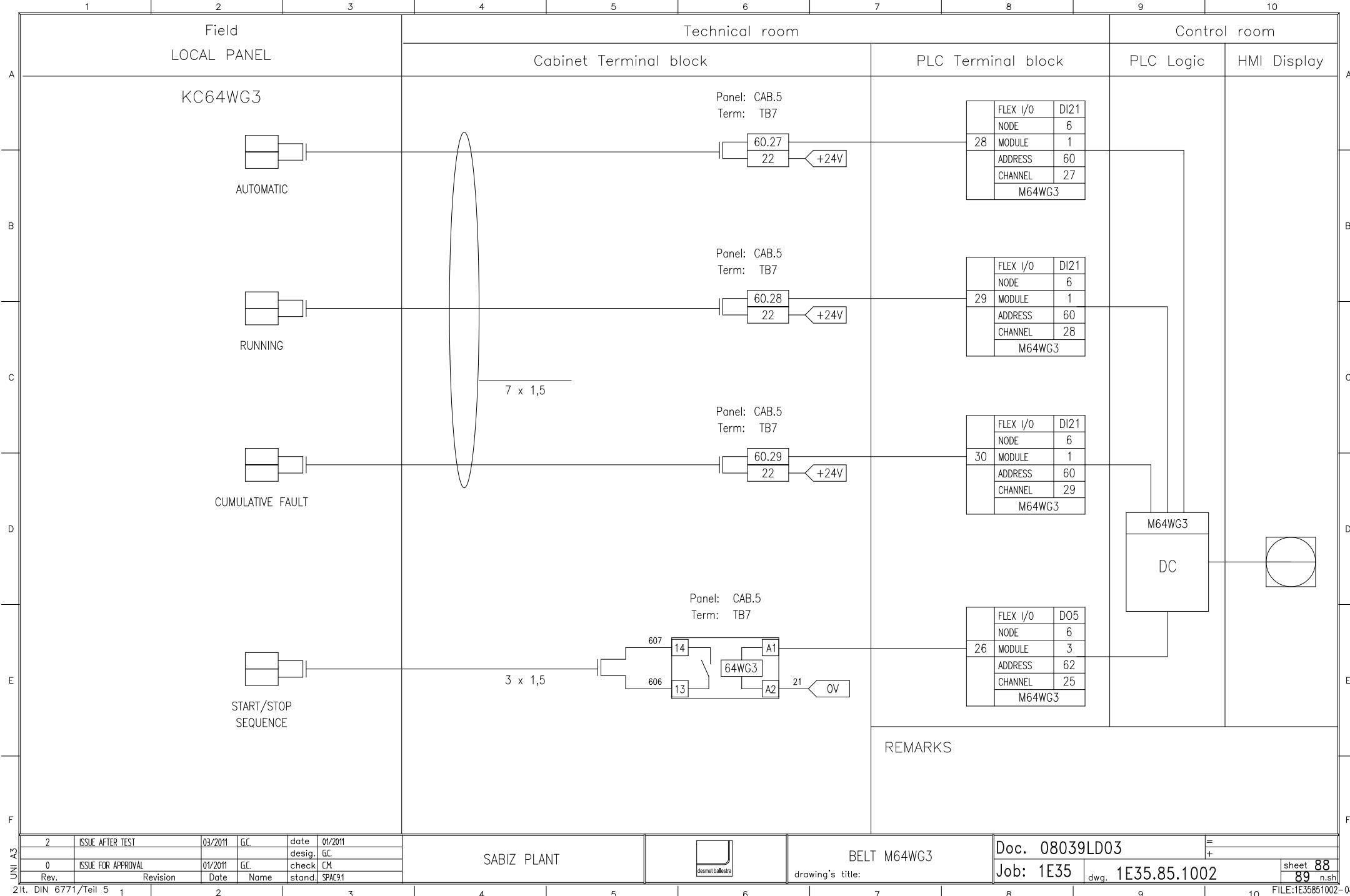
Job: 1E35

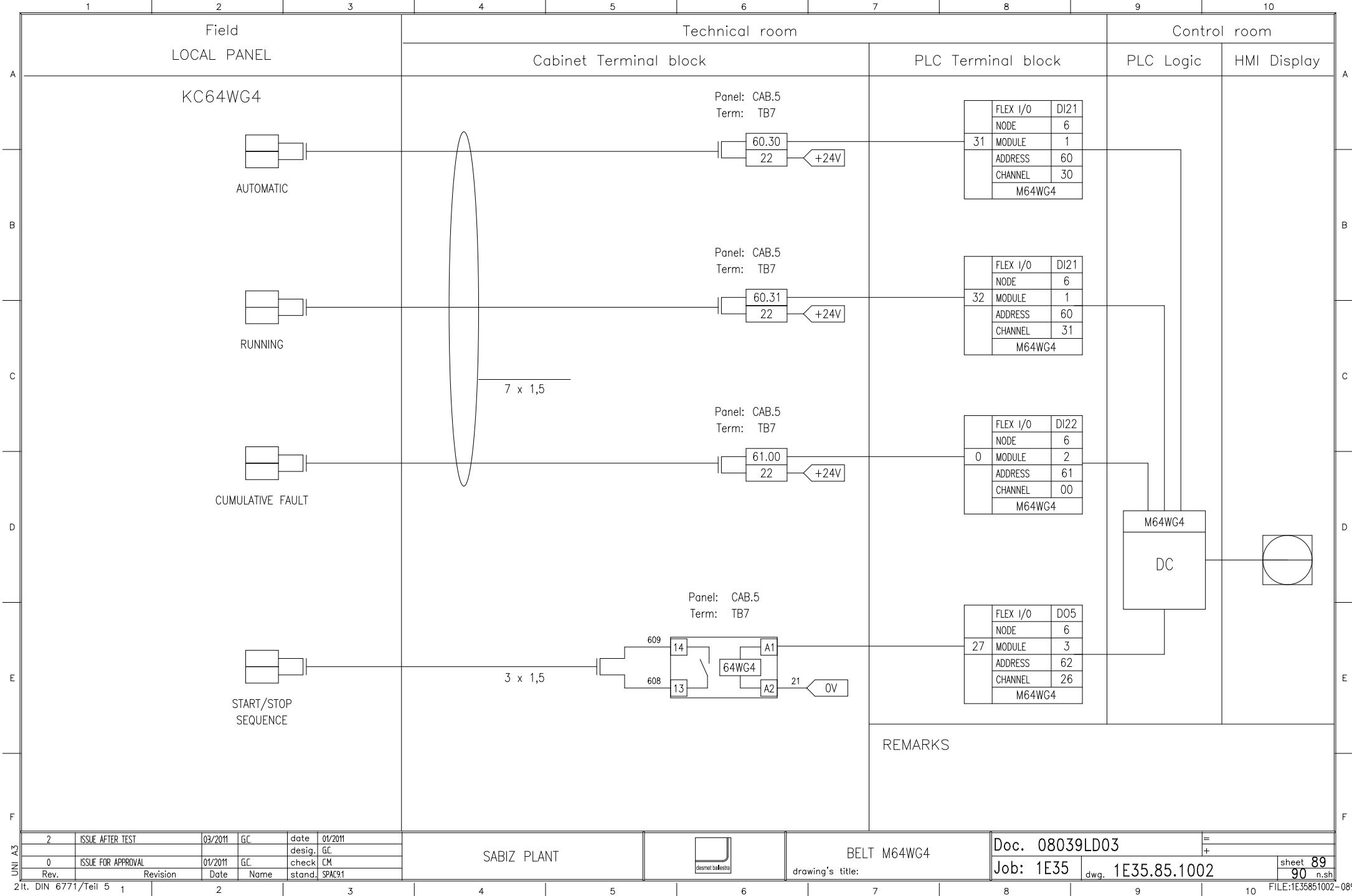
dwg. 1E35.85.1002

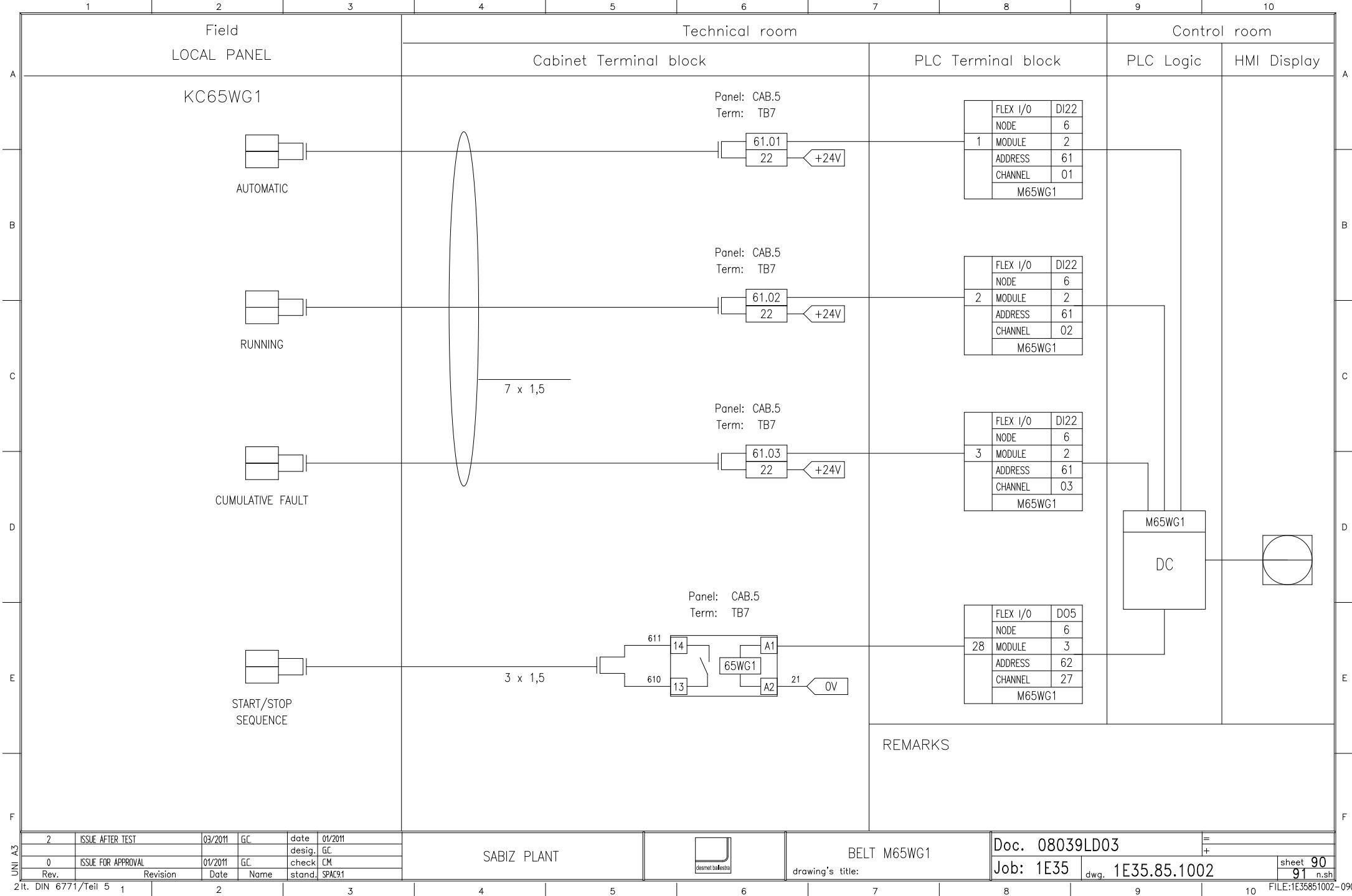
sheet 86

87 n.sh









UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

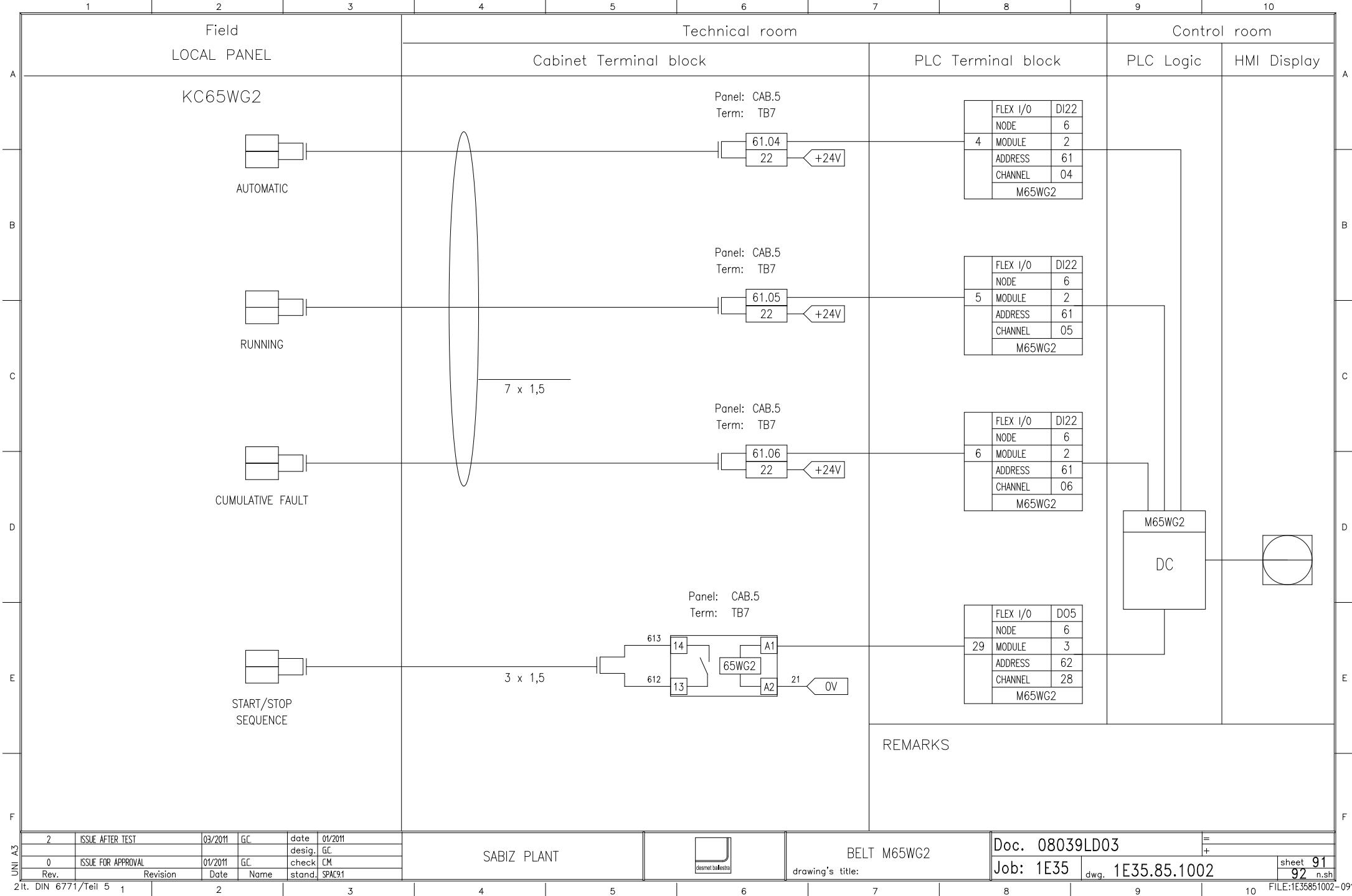


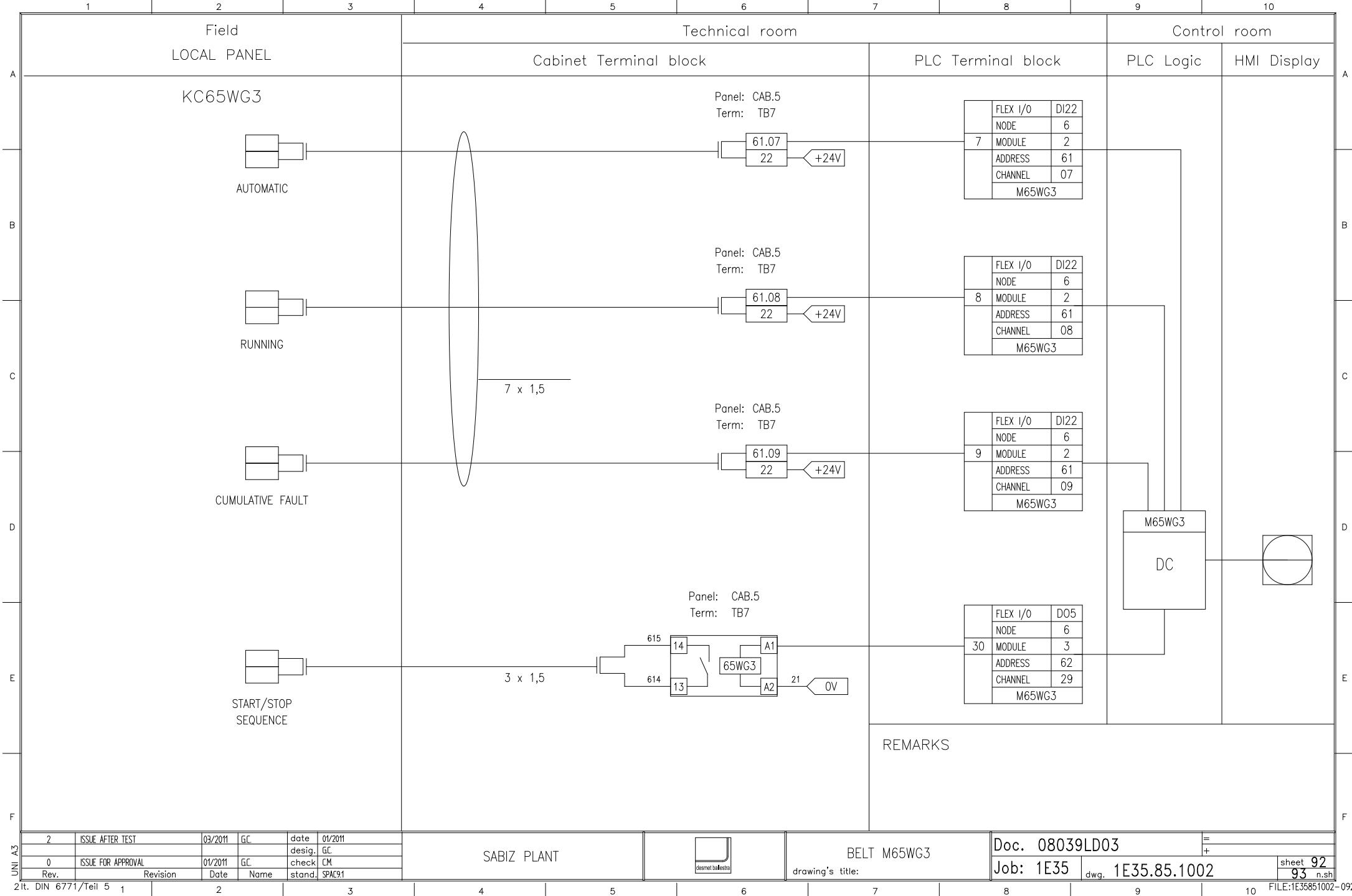
BELT M65WG1

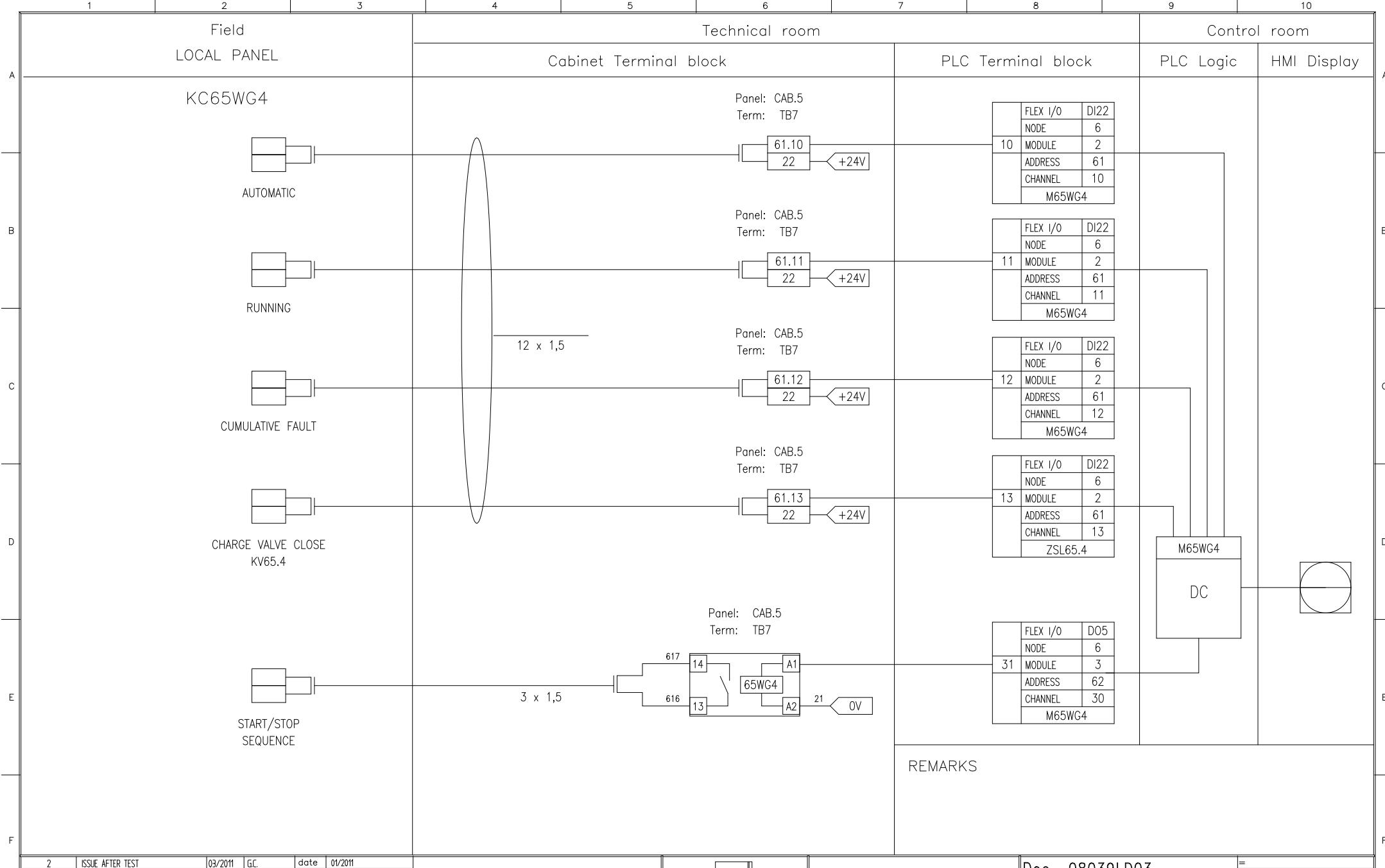
Doc. 08039LD03

Job: 1E35 1E35 85 1002

sheet 90
01







2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



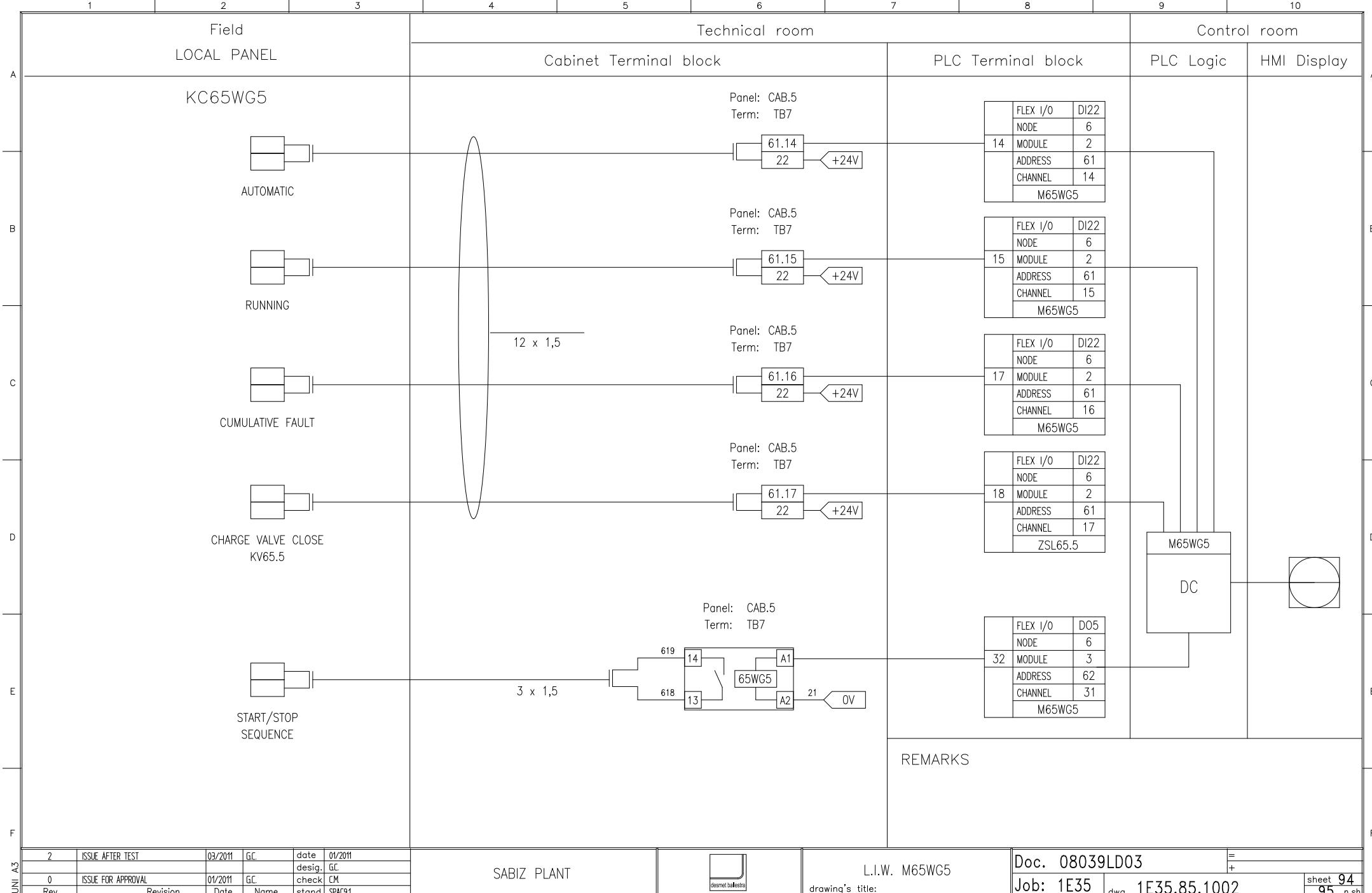
L.I.W. M65WG4

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 93
94 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

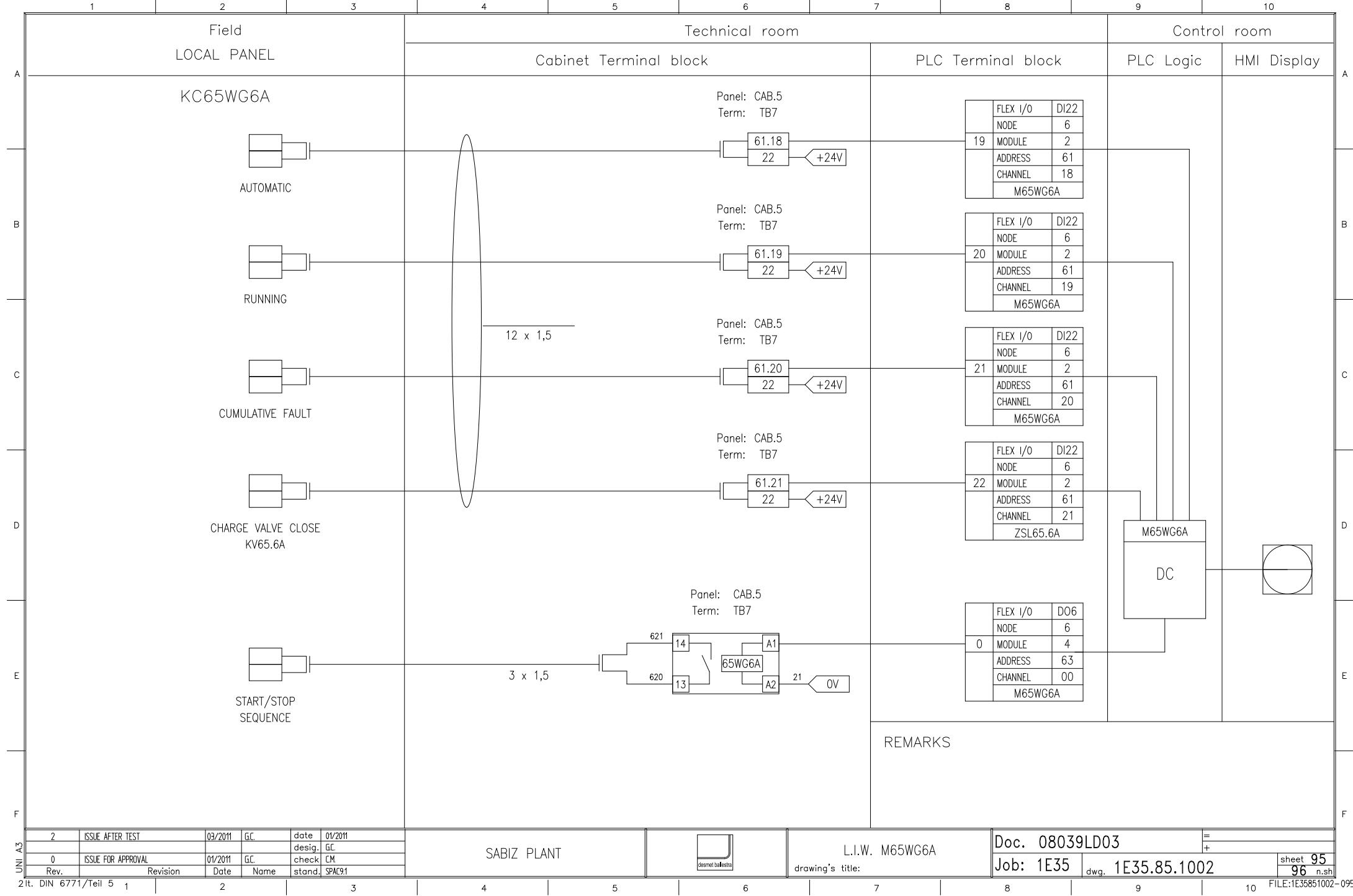


L.I.W. M65WG5

Doc. 08039LD03

Job: 1E35 dwa 1E35.85.1002

sheet 94
95 n sh



UNI A.3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

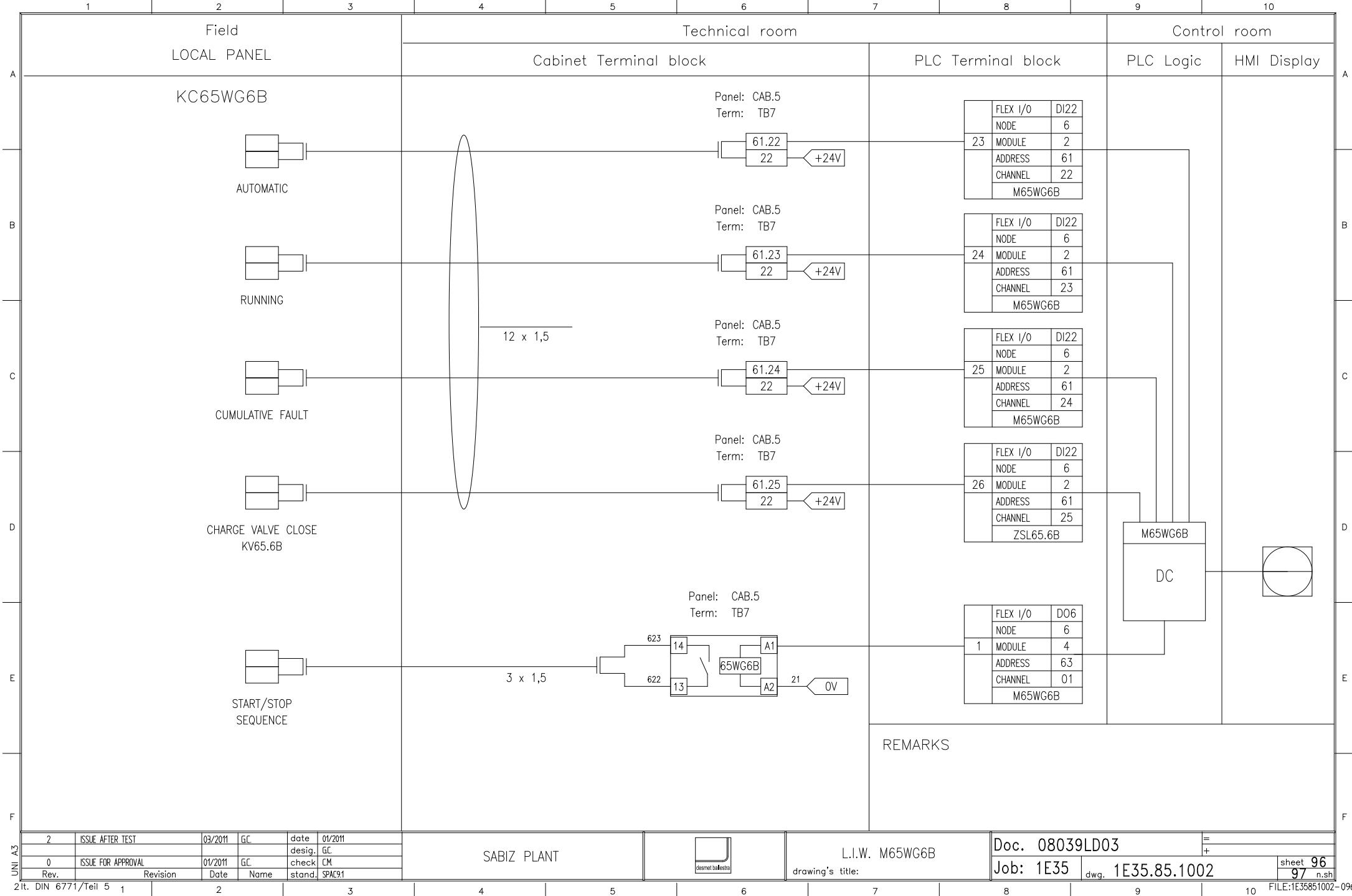


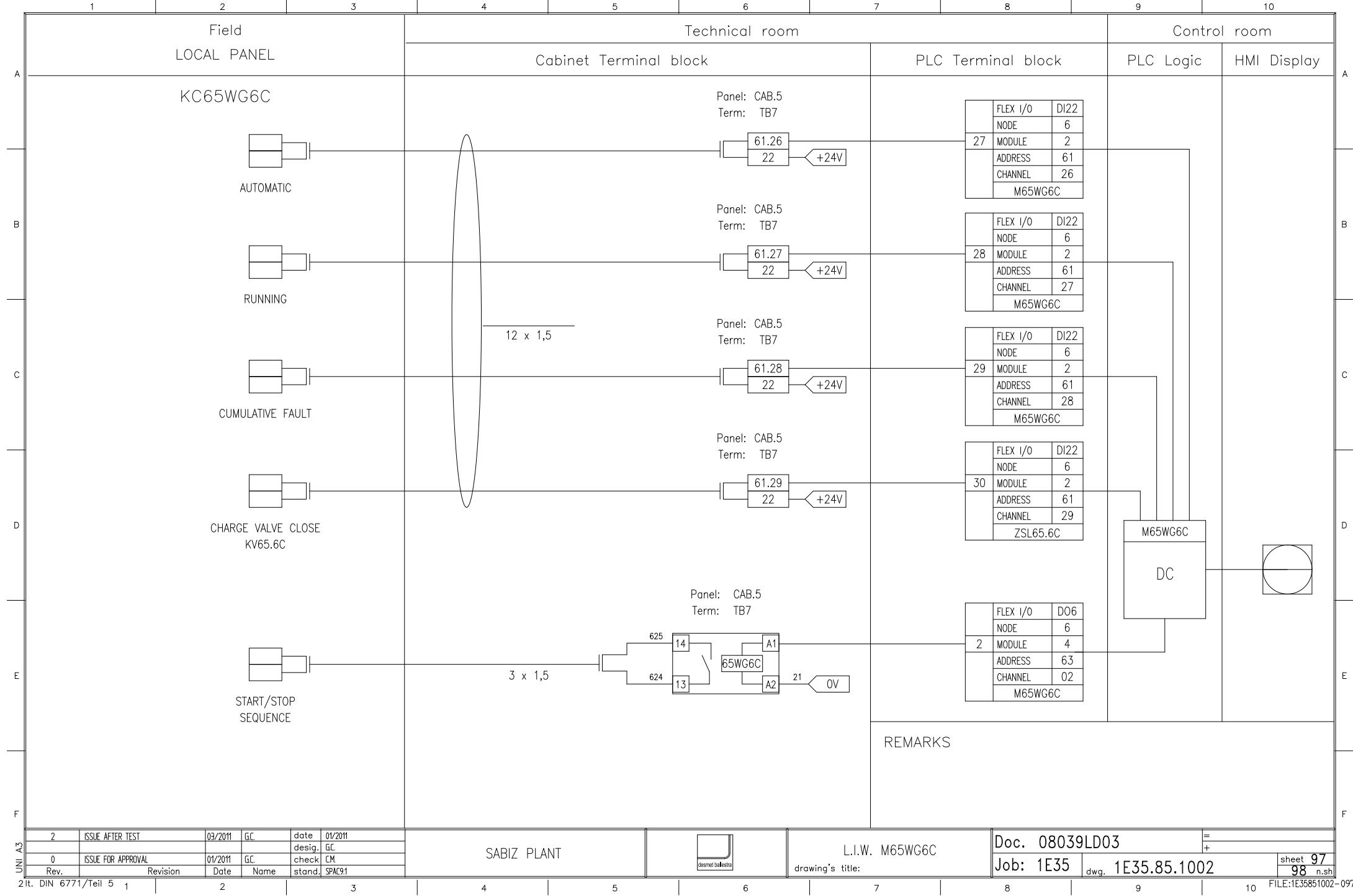
L.I.W. M65WG6A

Doc. 08039LD03

Job: 1E35

sheet 95





UNI A3	2	ISSUE AFTER TEST	03/2011	GC.	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC.	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

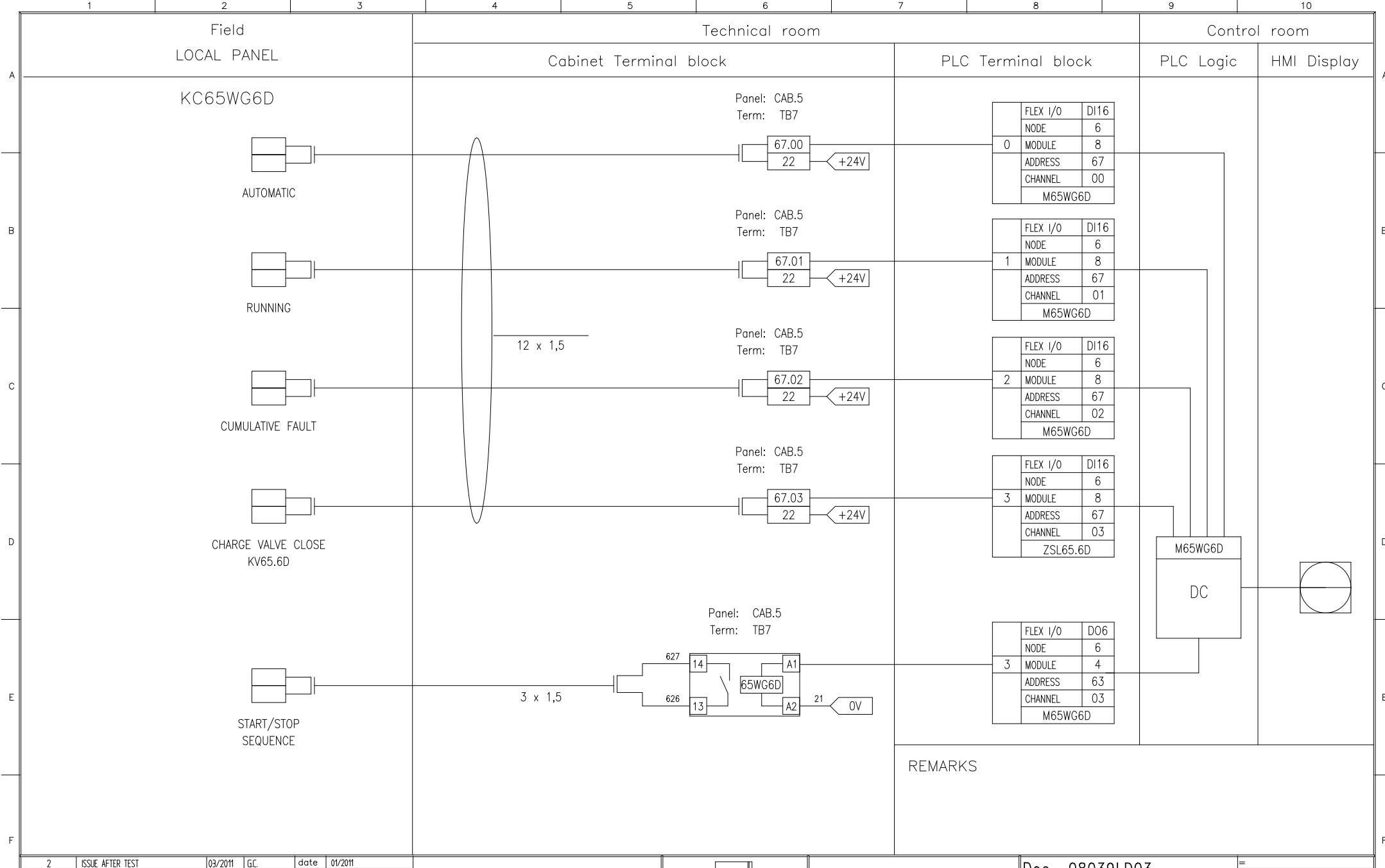


L.I.W. M65WG60

Doc. 08039LD03

Job: 1E35

sheet 97



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



L.I.W. M65WG6D

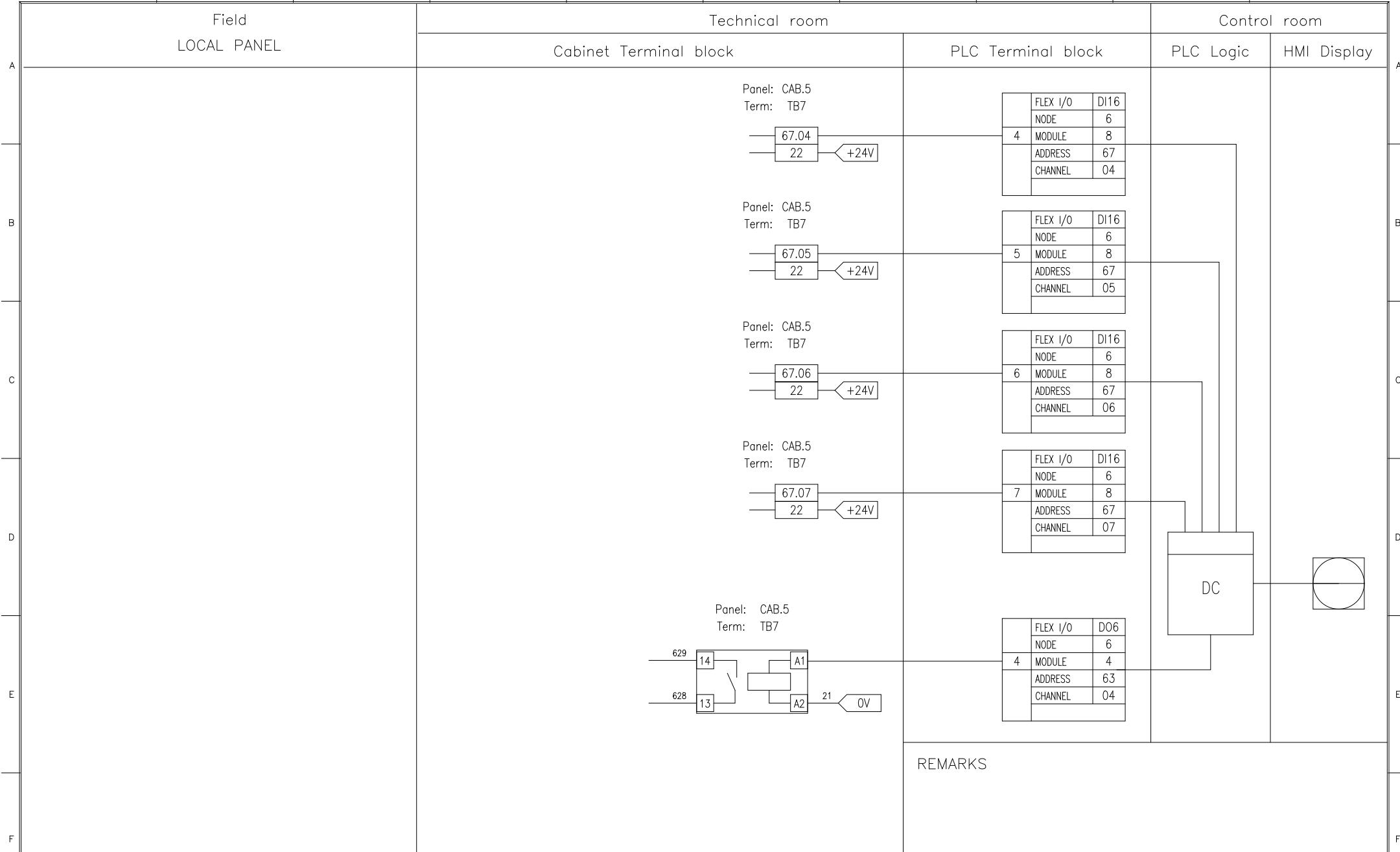
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 98
99 n.sh

1 2 3 4 5 6 7 8 9 10



UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



BELT/L.I.W. SPARE

drawing's title:

Doc. 08039LD03

Job: 1E35

dwg. 1E35.85.1002

sheet 99

100 n.sh

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

Technical room

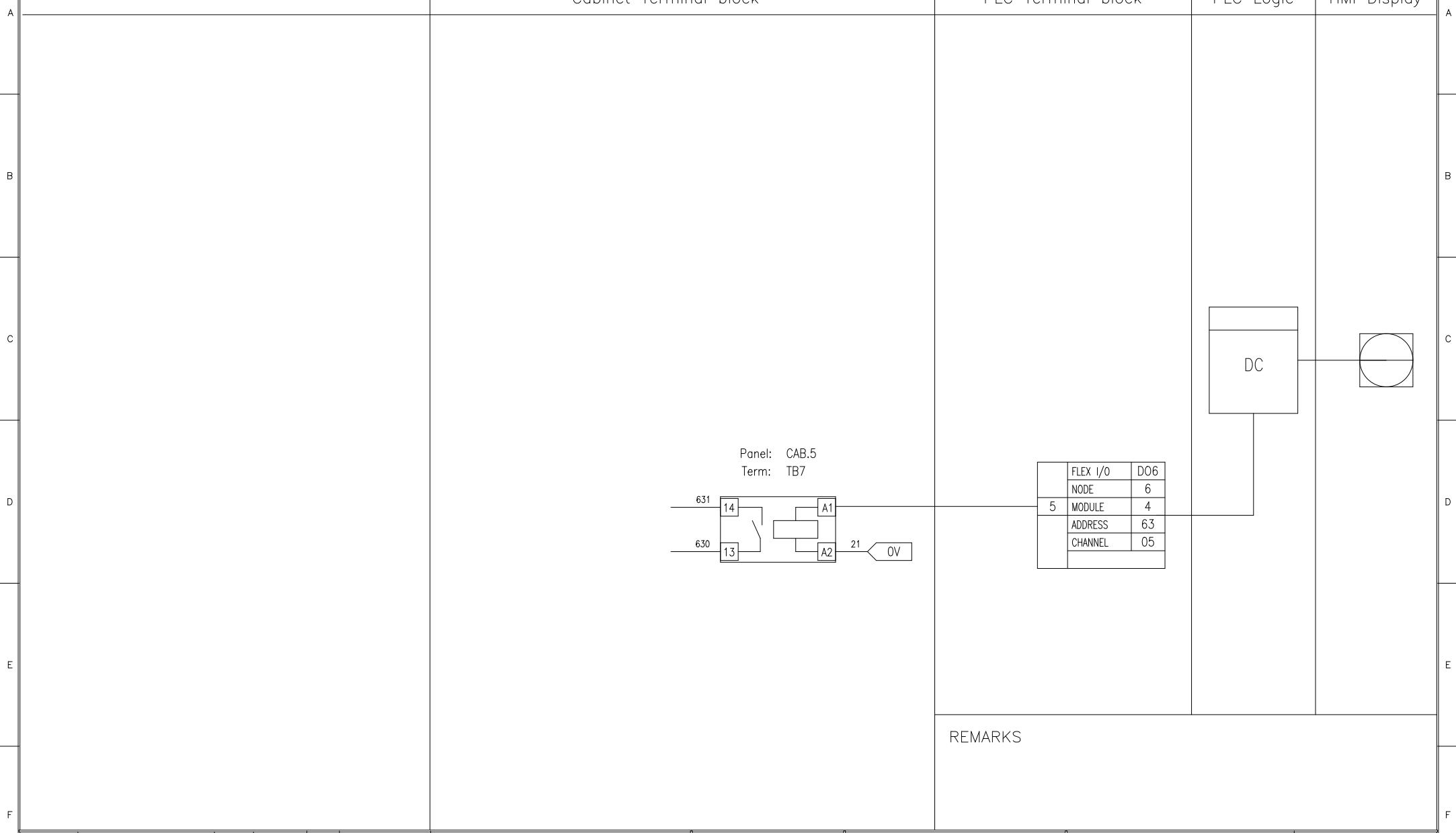
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



UNI A3					date 01/2011
					desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



SPARE DIGITAL OUTPUT

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 100
101 n.sh

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

Technical room

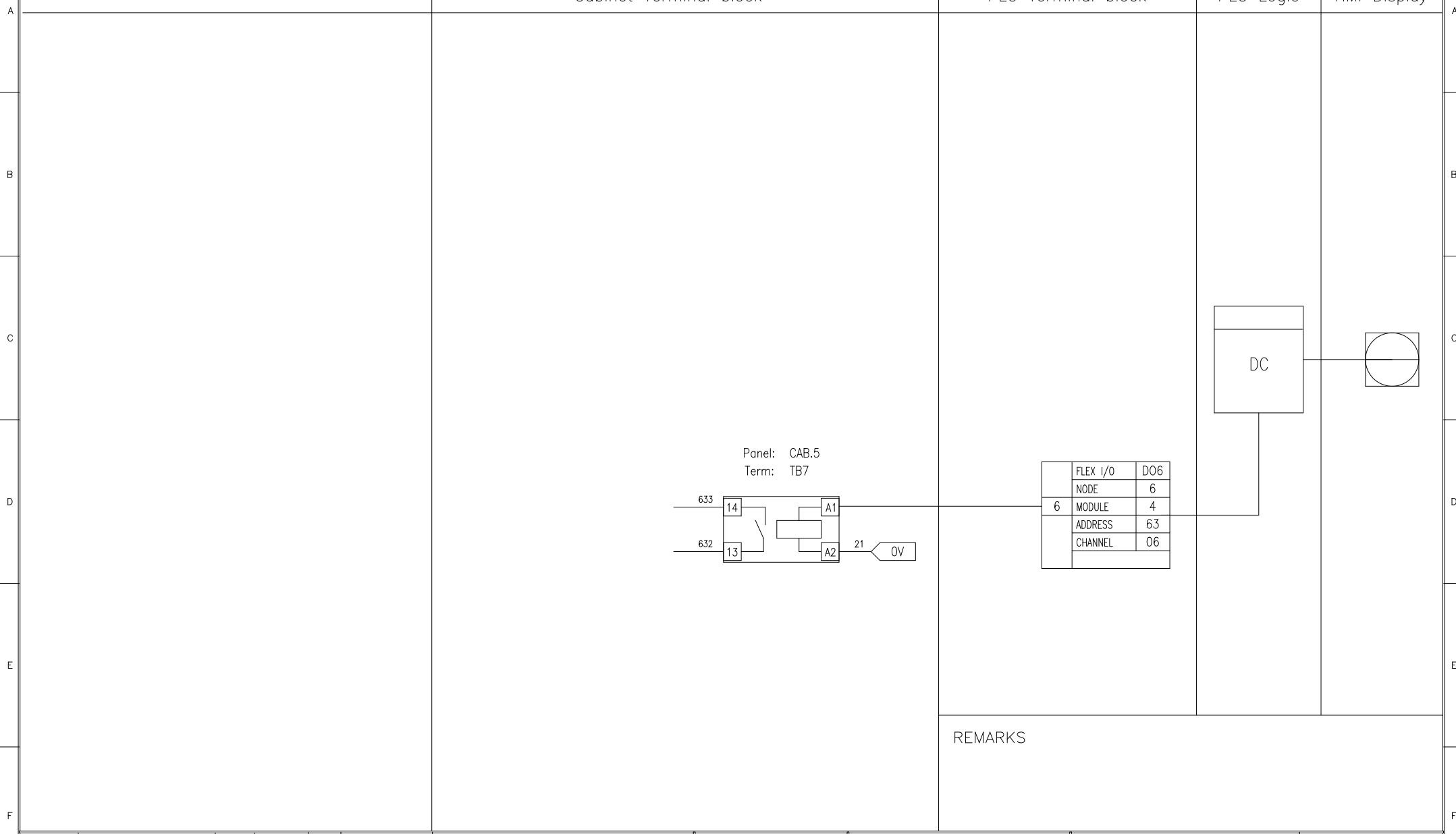
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



UNI A3					date 01/2011
					desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



SPARE DIGITAL OUTPUT

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 101
102 n.sh

1 2 3 4 5 6 7 8 9 10

Electrical Room
90.LVB.1

Technical room

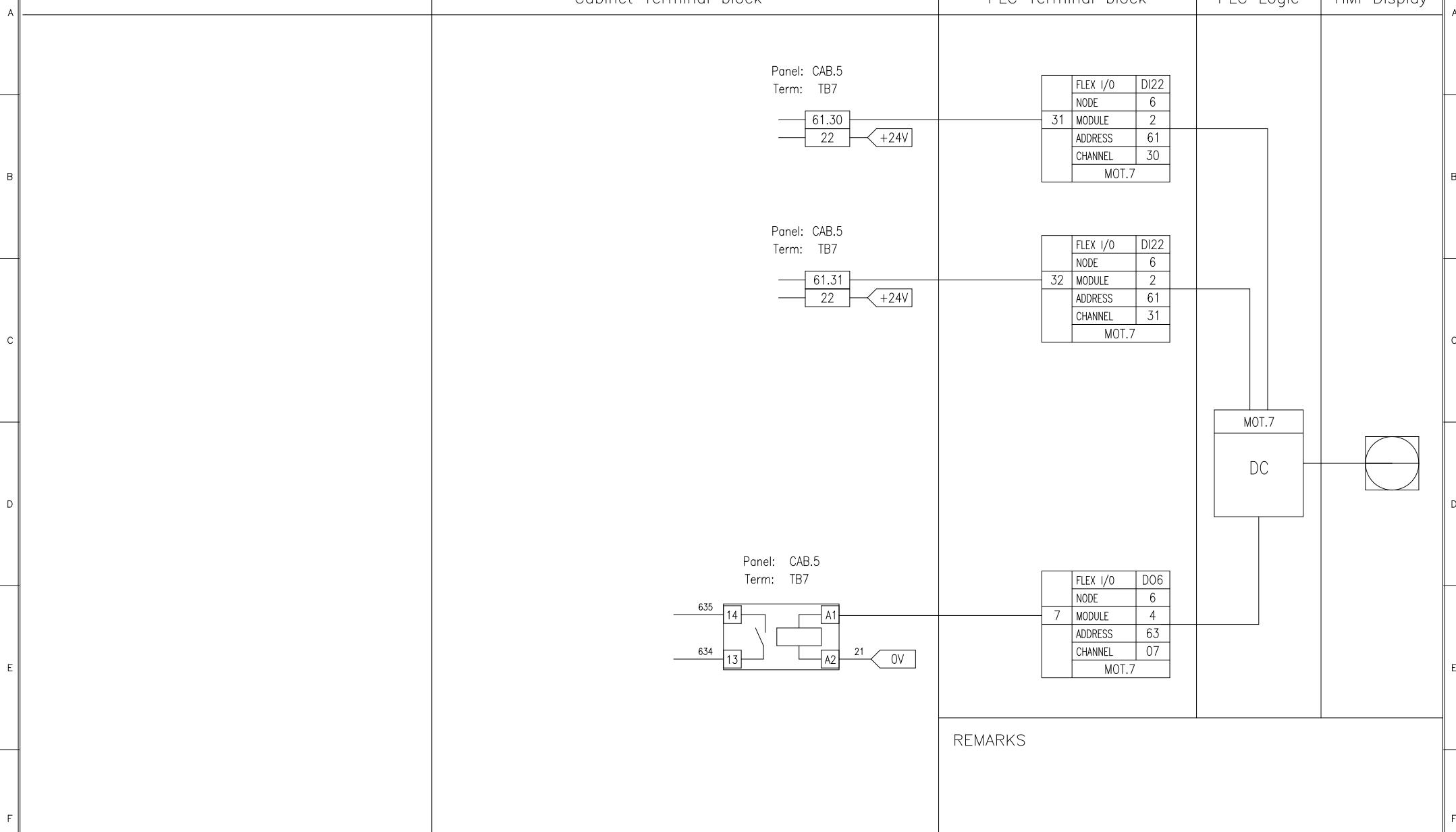
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT



SPARE MOTOR MOT.7

drawing's title:

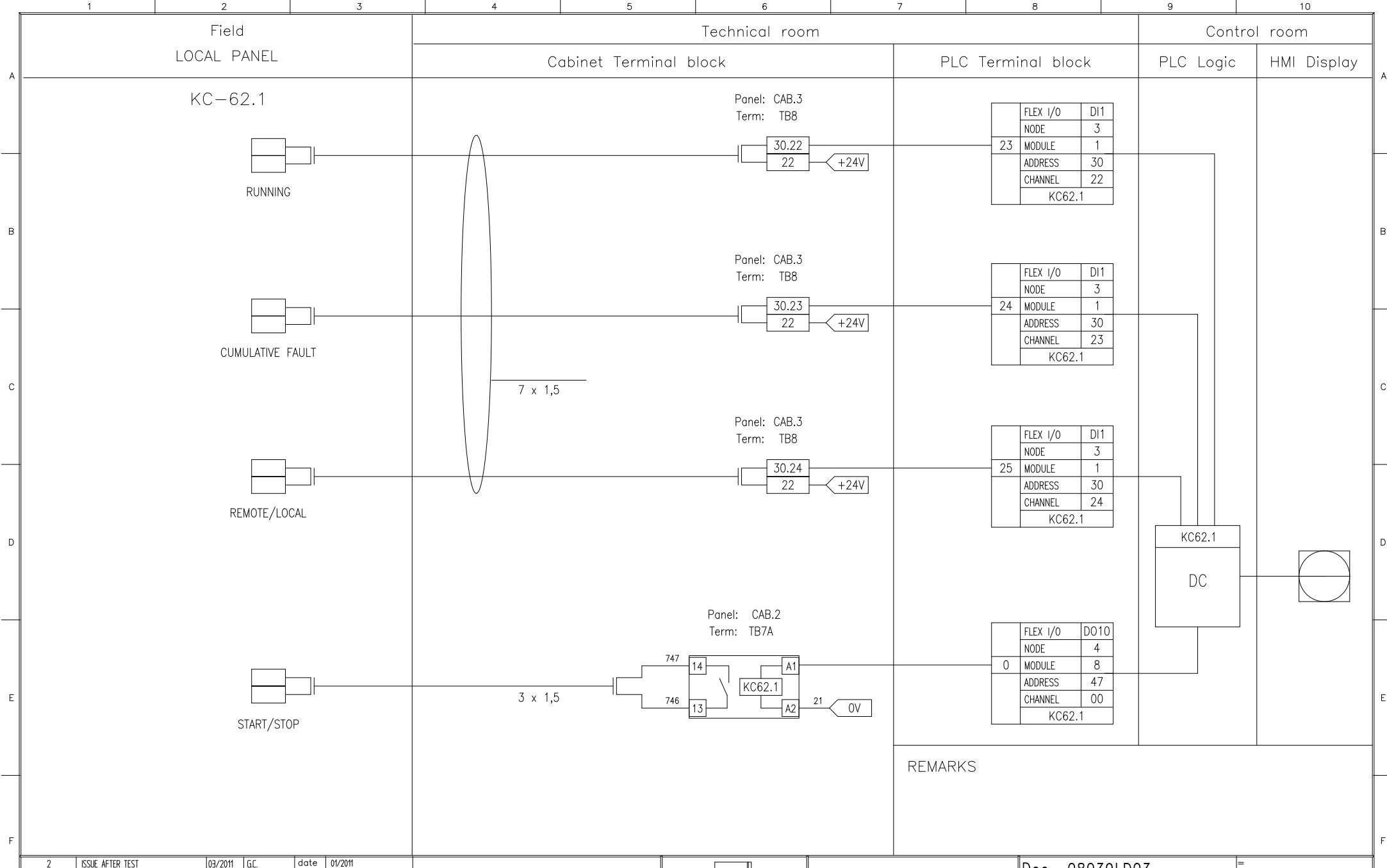
Doc. 08039LD03

Job: 1E35

dwg. 1E35.85.1002

sheet 102
103 n.sh

1	2	3	4	5	6	7	8	9	10
			Technical room					Control room	
A	B	C	D	E	F	G	H	I	J
			Cabinet Terminal block				PLC Terminal block		PLC Logic
									HMI Display



2	ISSUE AFTER TEST	03/2011	G.C.	date	01/2011
0	ISSUE FOR APPROVAL	01/2011	G.C.	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:1E35851002-104

SABIZ PLANT

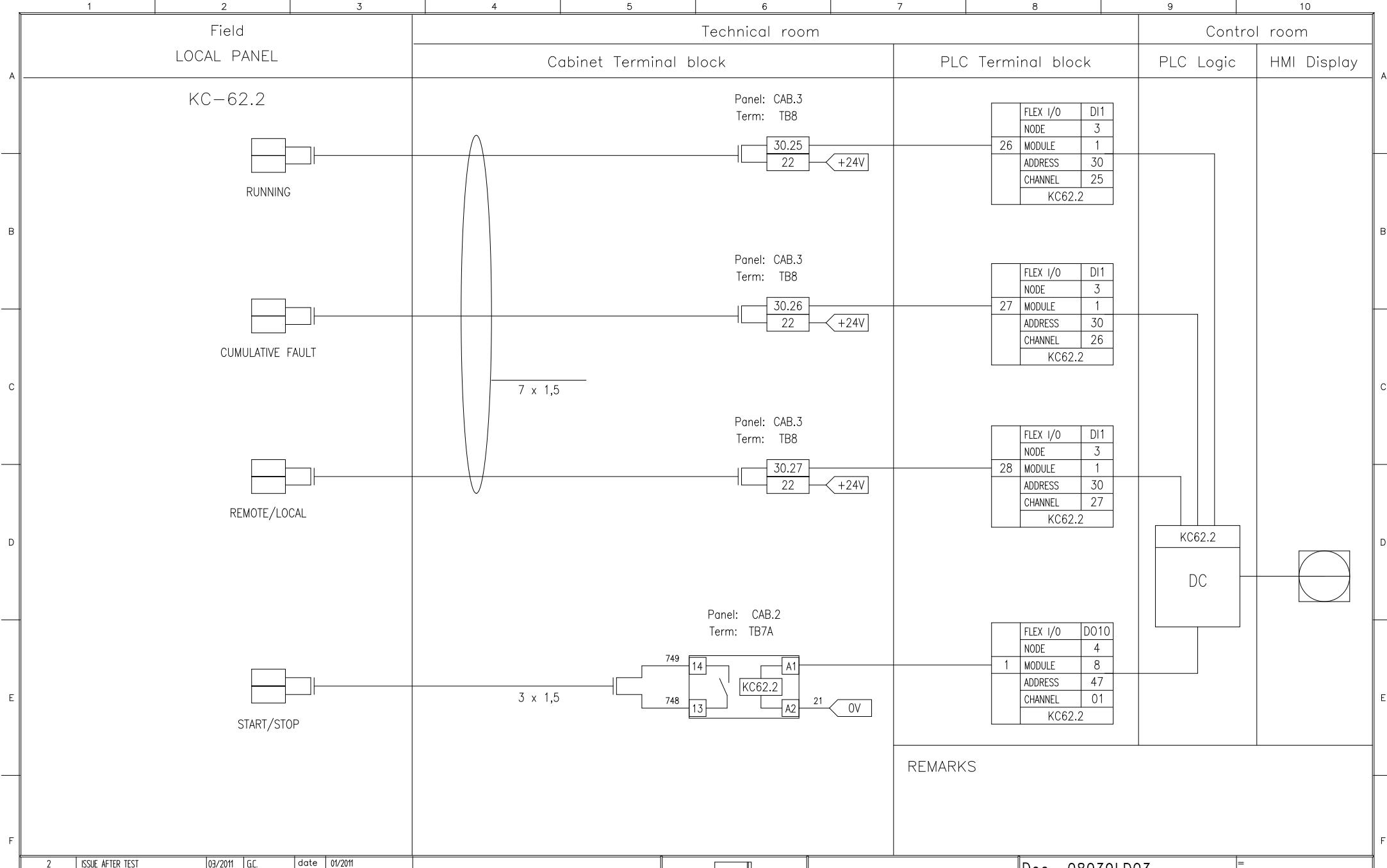


FILTER KC62.1
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 104
105 n.sh



2	ISSUE AFTER TEST	03/2011	G.C.	date	01/2011
0	ISSUE FOR APPROVAL	01/2011	G.C.	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:1E35851002-105

SABIZ PLANT

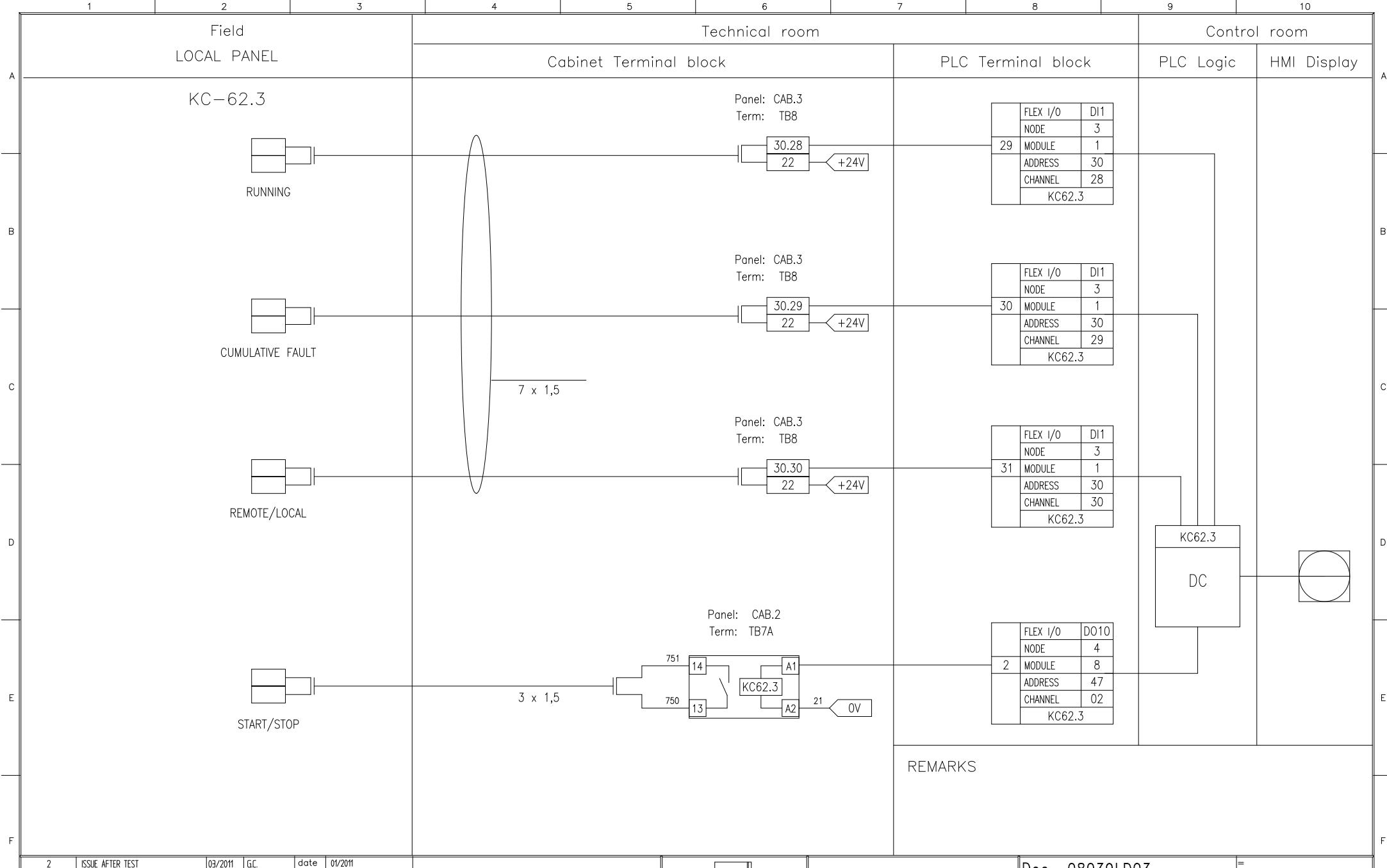


FILTER KC62.2
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 105
106 n.sh



2	ISSUE AFTER TEST	03/2011	G.C.	date	01/2011
0	ISSUE FOR APPROVAL	01/2011	G.C.	check	CM
Rev.	Revision	Date	Name	stand.	SPAC9.1

SABIZ PLANT



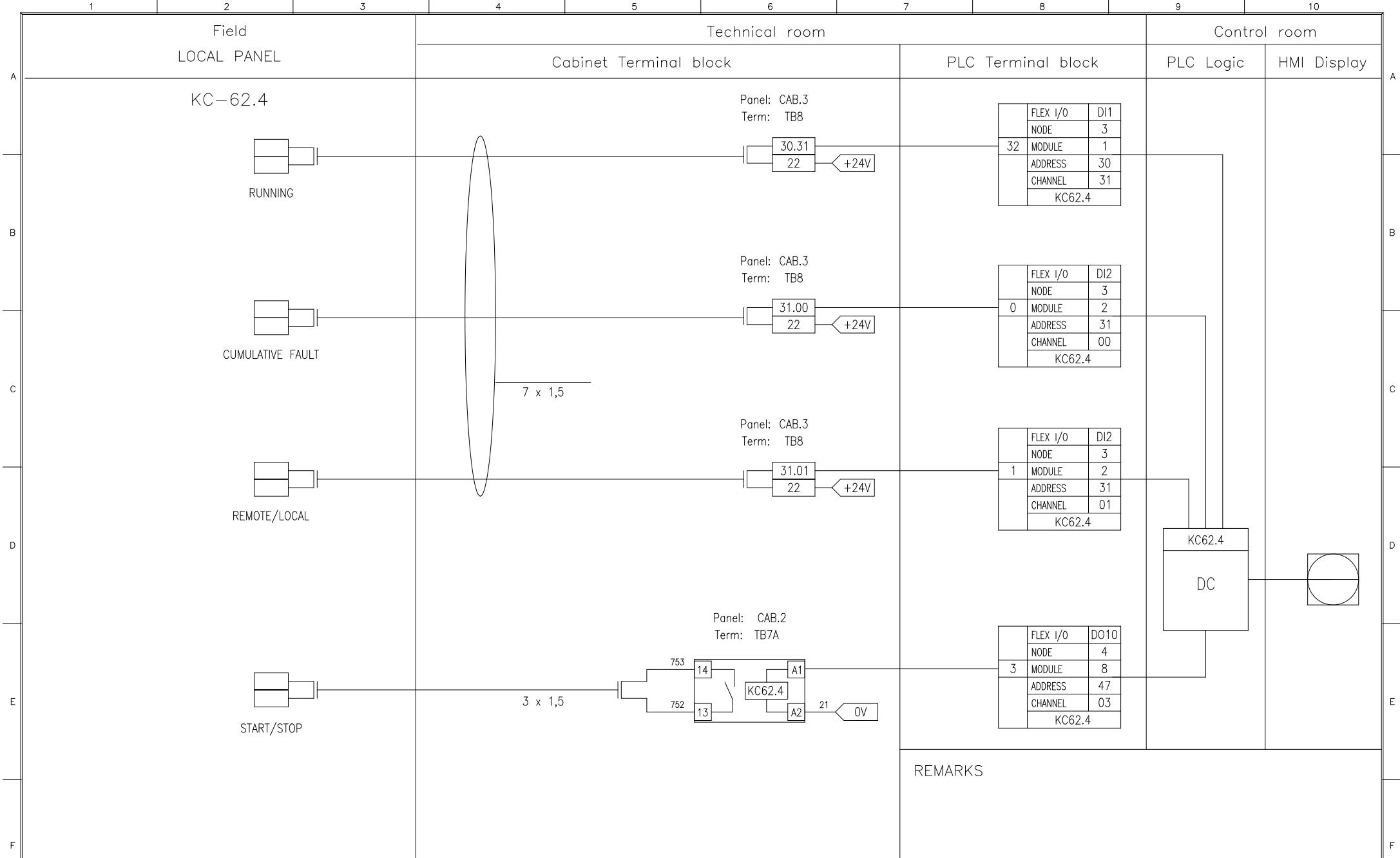
FILTER KC62.3

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 106
107 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand:	SPAC91

SABIZ PLANT

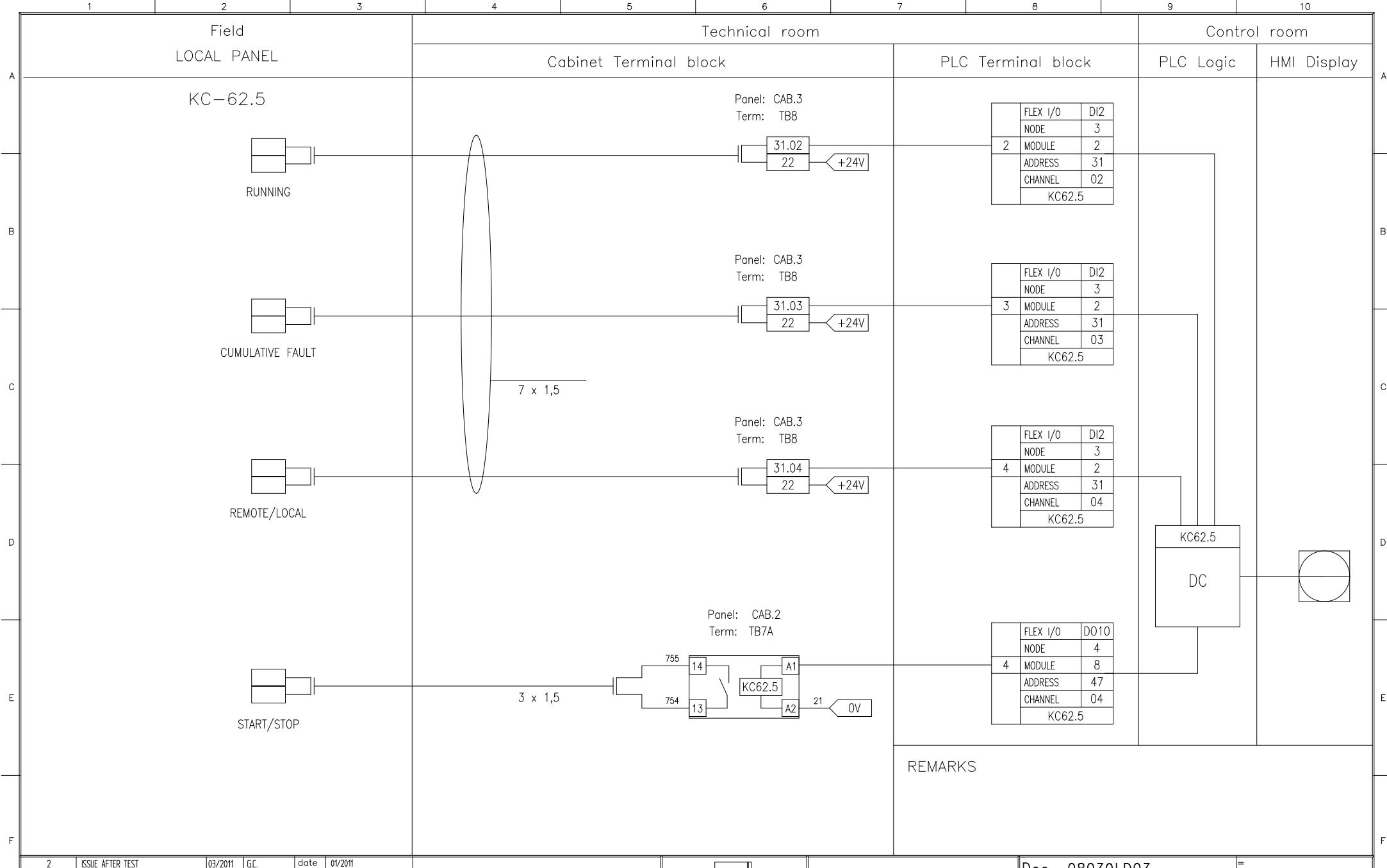


FILTER KC62.4

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 107
108 n.sh



2	ISSUE AFTER TEST	03/2011	G.C.	date	01/2011
0	ISSUE FOR APPROVAL	01/2011	G.C.	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:1E35851002-108

SABIZ PLANT

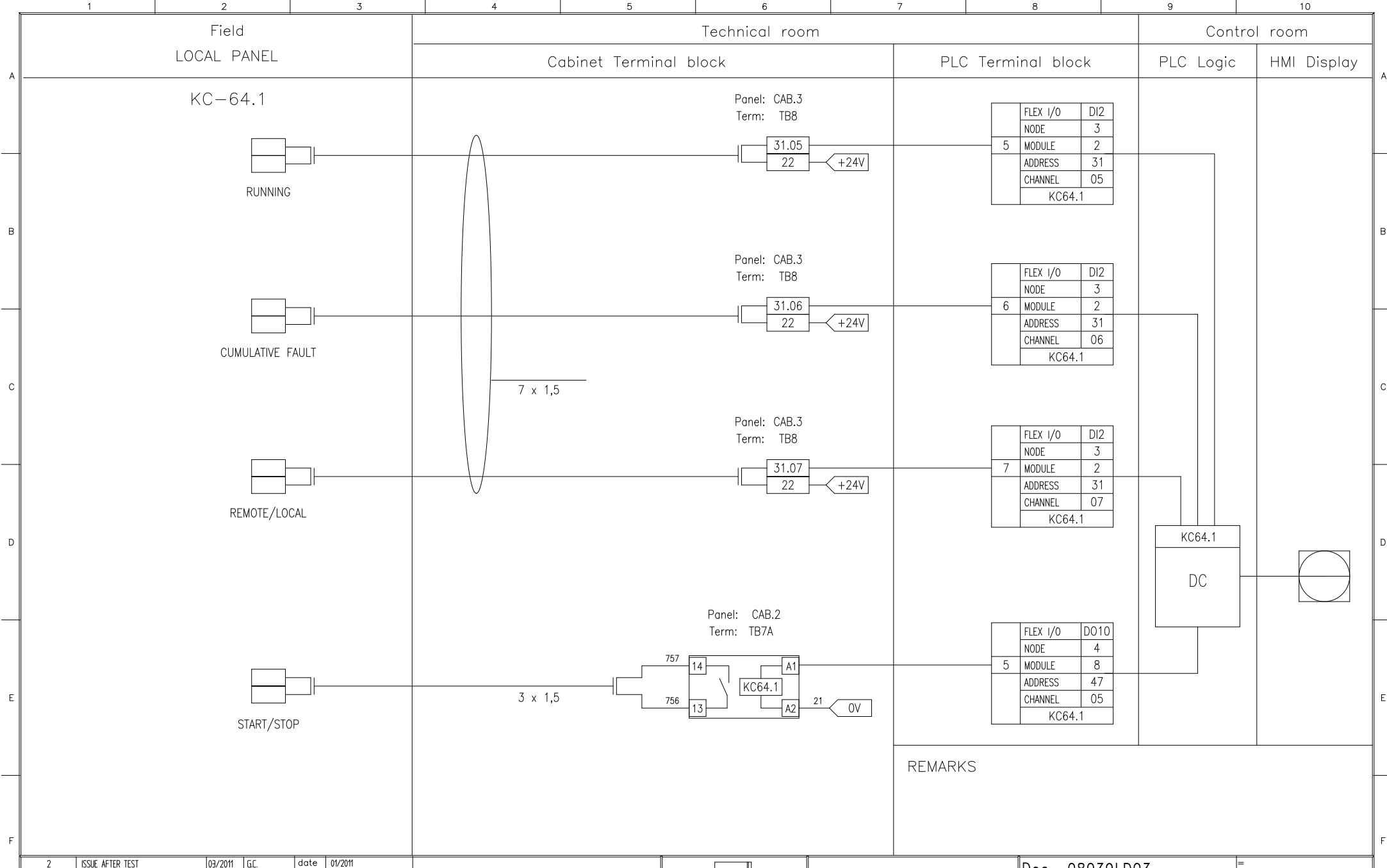


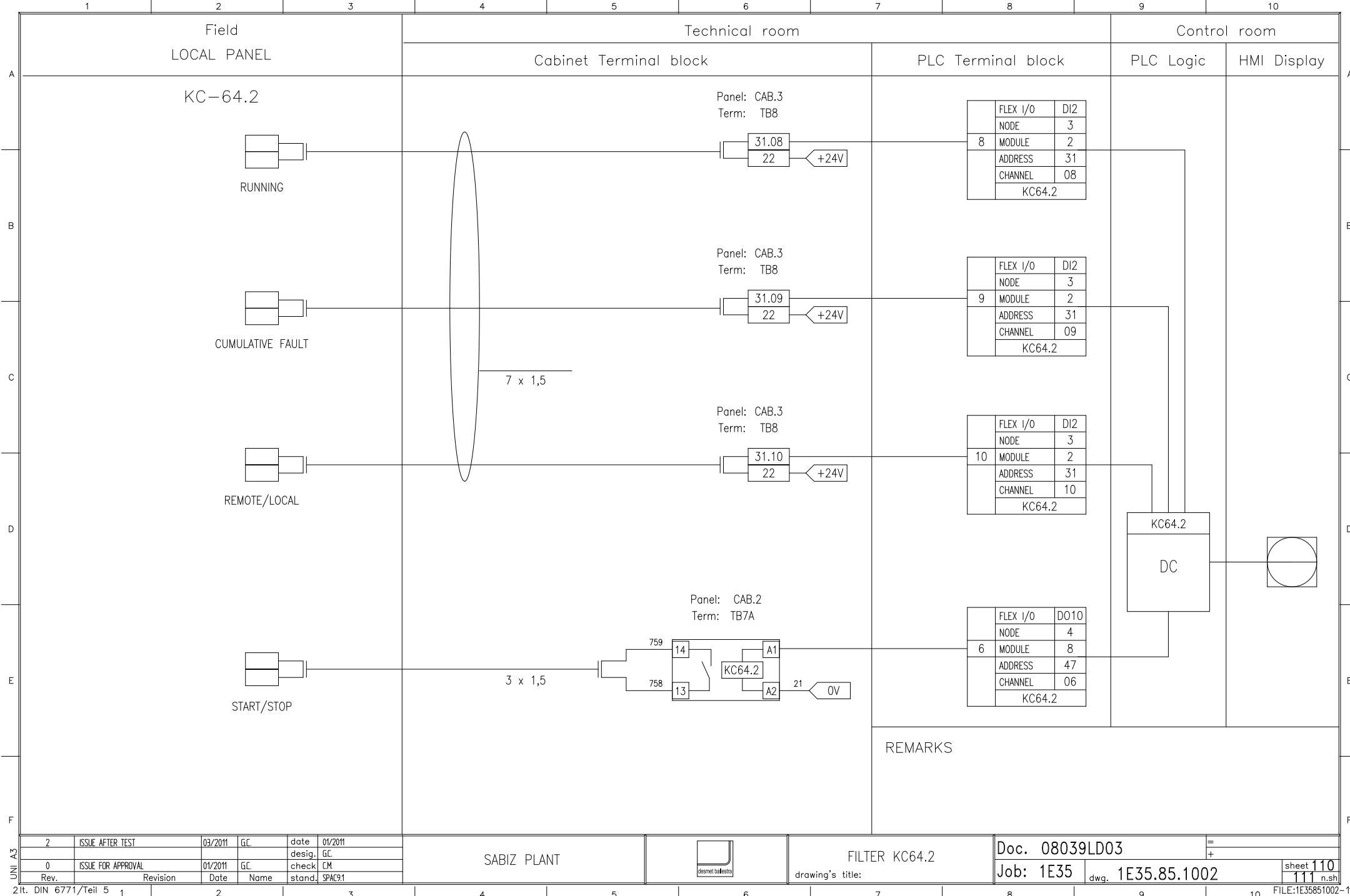
FILTER KC62.5
drawing's title:

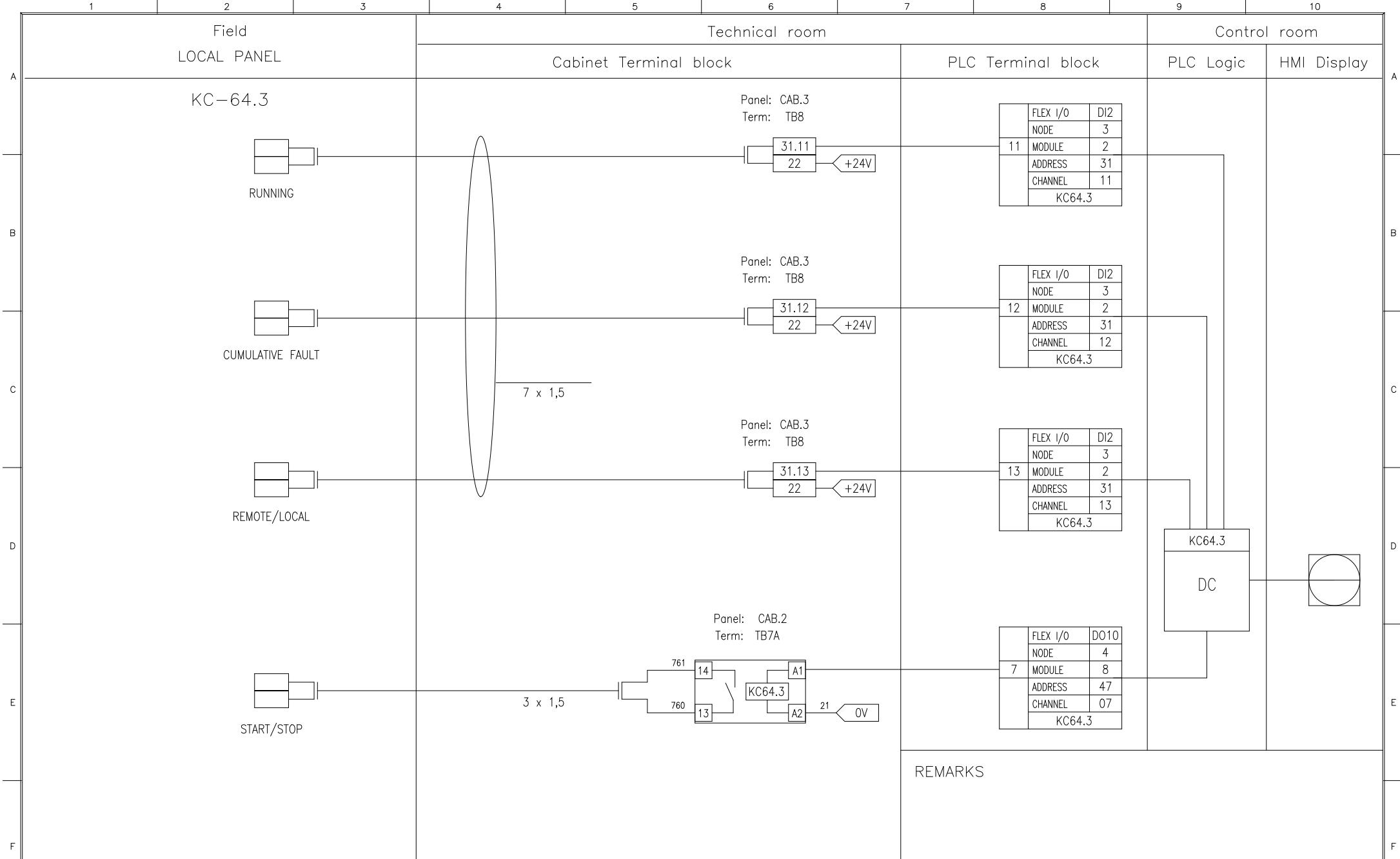
Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 108
109 n.sh







UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

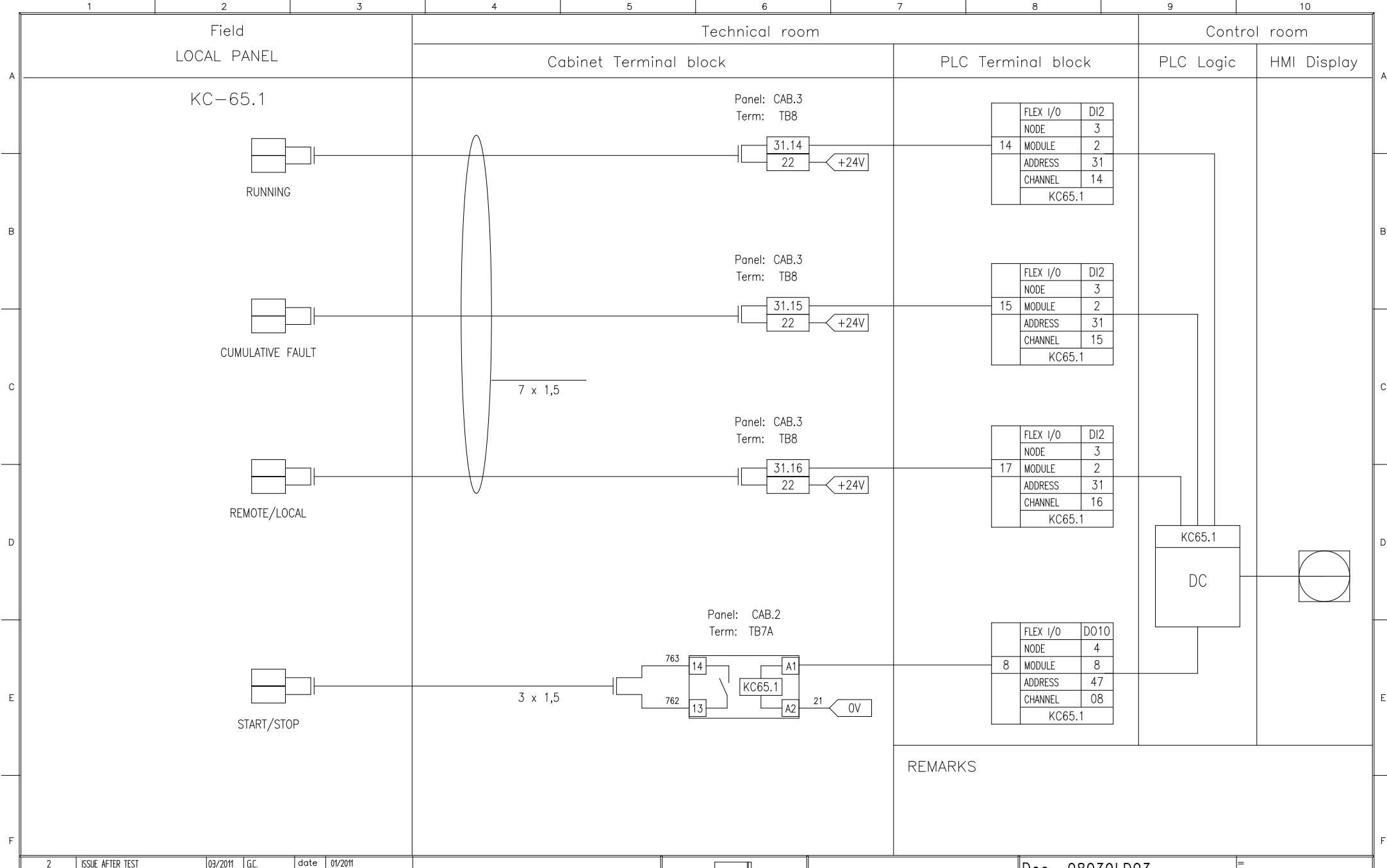


FILTER KC64.
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 111
112 n.sh



2	ISSUE AFTER TEST	03/2011	G.C.	date	01/2011
0	ISSUE FOR APPROVAL	01/2011	G.C.	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:1E35851002-112

SABIZ PLANT

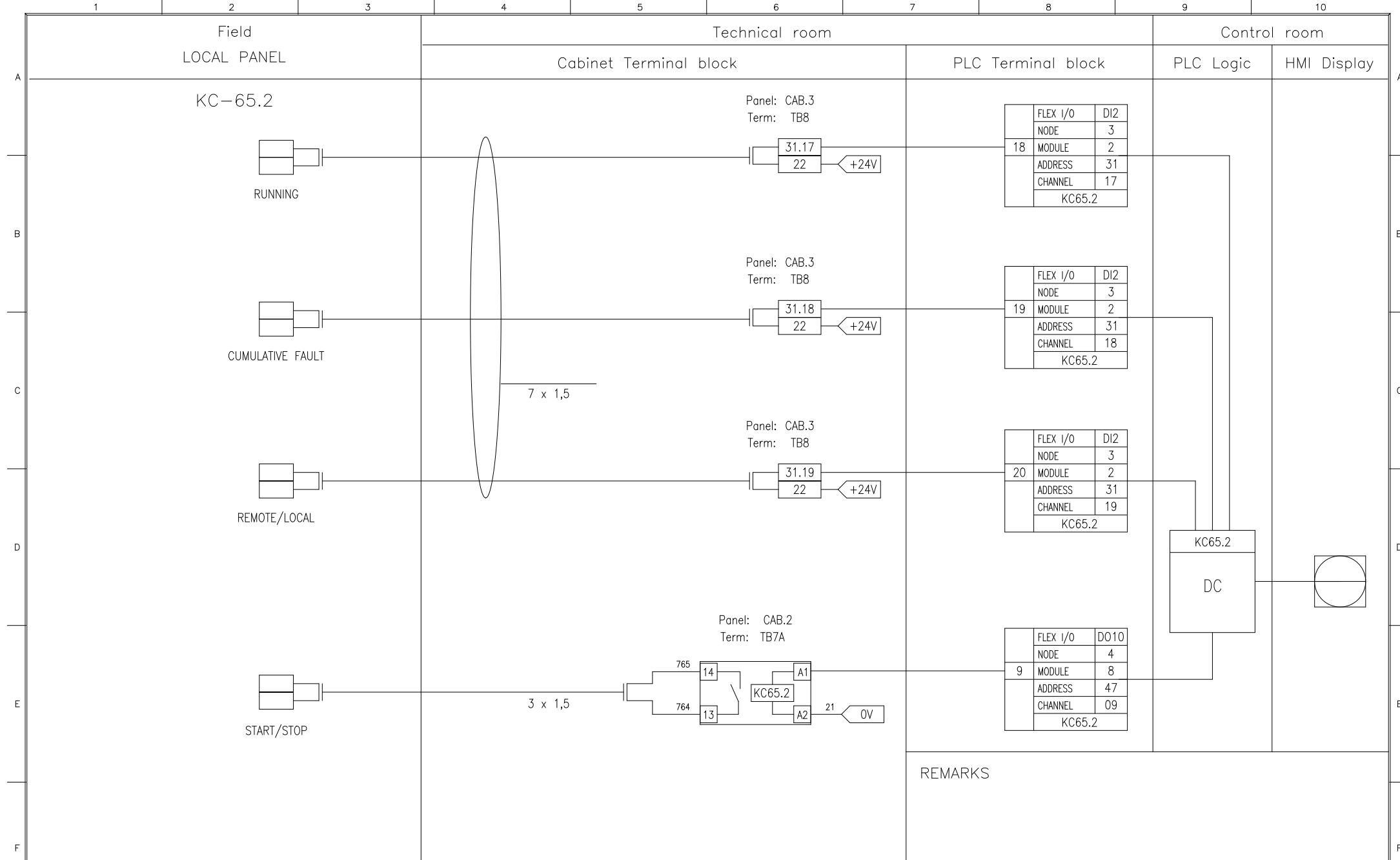


FILTER KC65.1
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 112
113 n.sh



UNI-A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

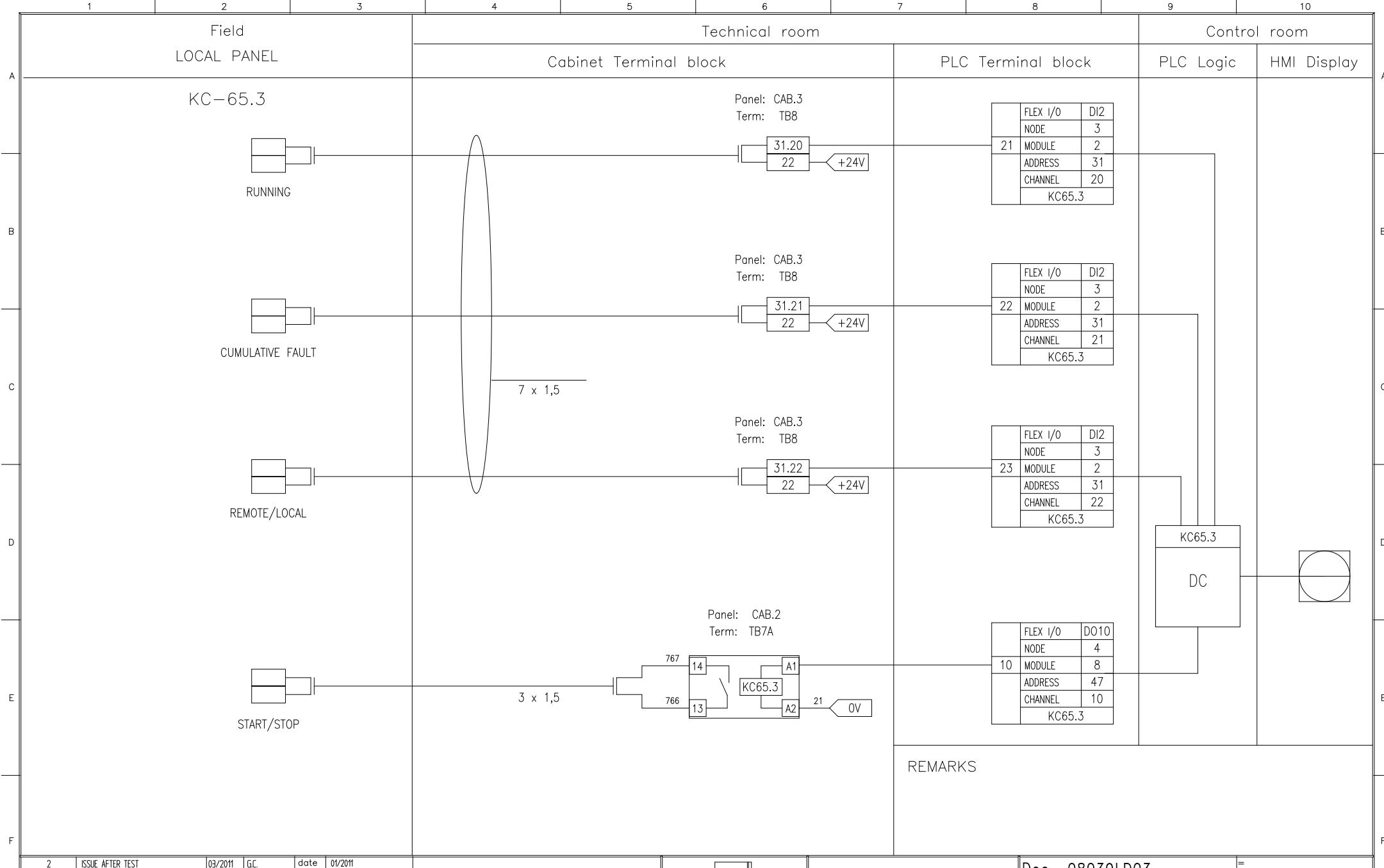


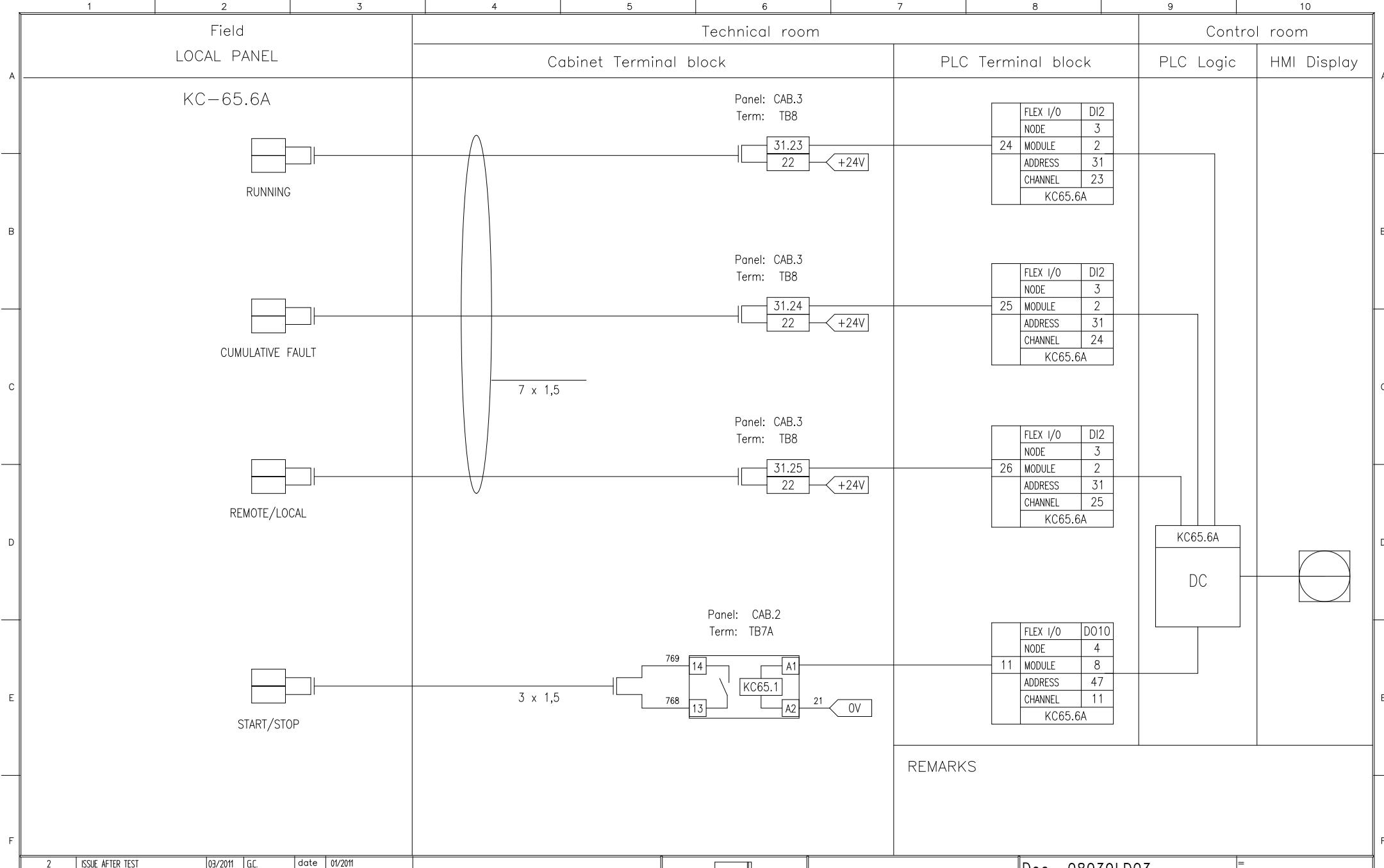
FILTER KC65.2
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

she
1





2	ISSUE AFTER TEST	03/2011	G.C.	date	01/2011
0	ISSUE FOR APPROVAL	01/2011	G.C.	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:1E35851002-15

SABIZ PLANT



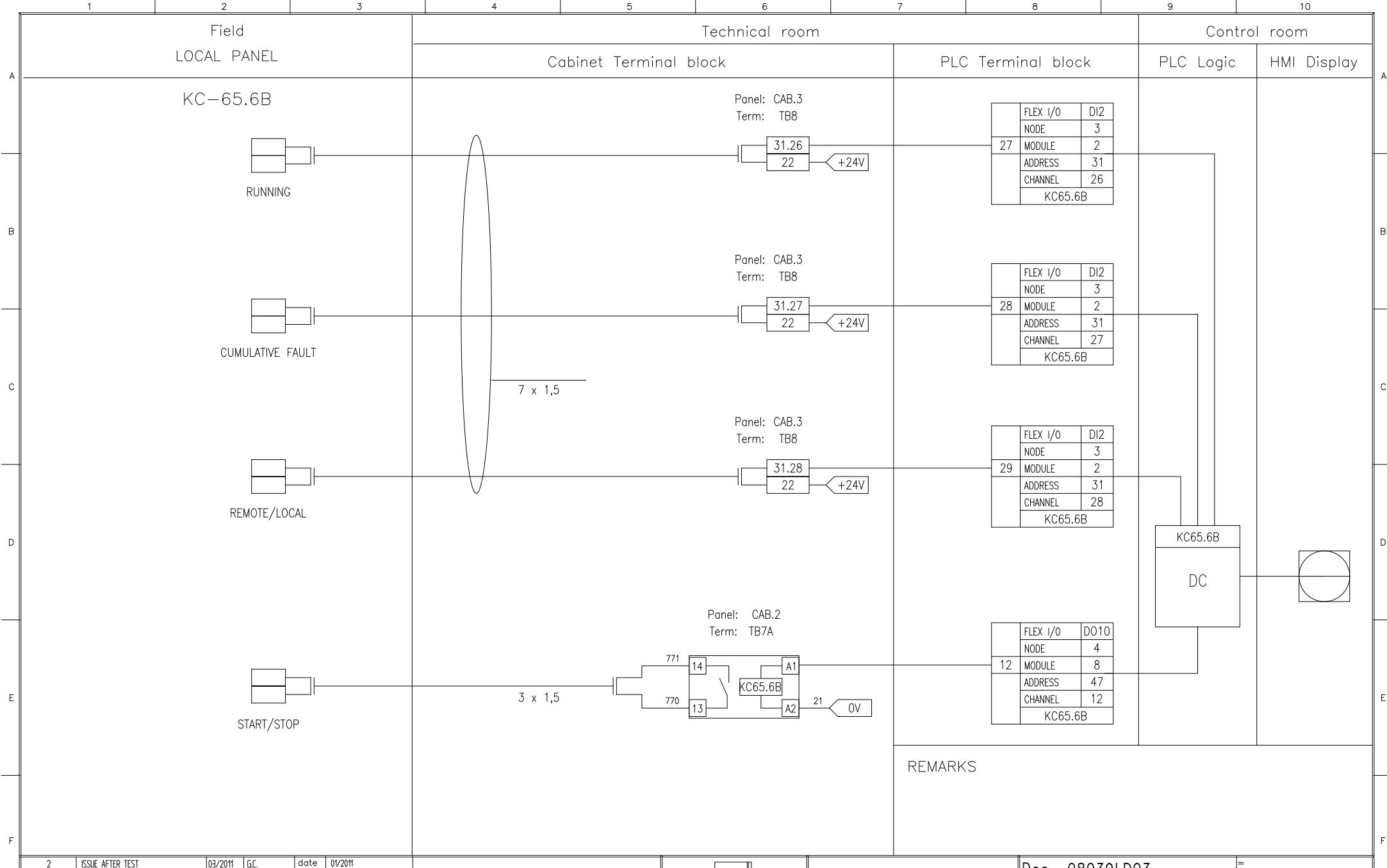
FILTER KC65.6A

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 115
116 n.sh



2	ISSUE AFTER TEST	03/2011	G.C.	date	01/2011
0	ISSUE FOR APPROVAL	01/2011	G.C.	check	CM
Rev.	Revision	Date	Name	stand.	SPAC9.1

SABIZ PLANT



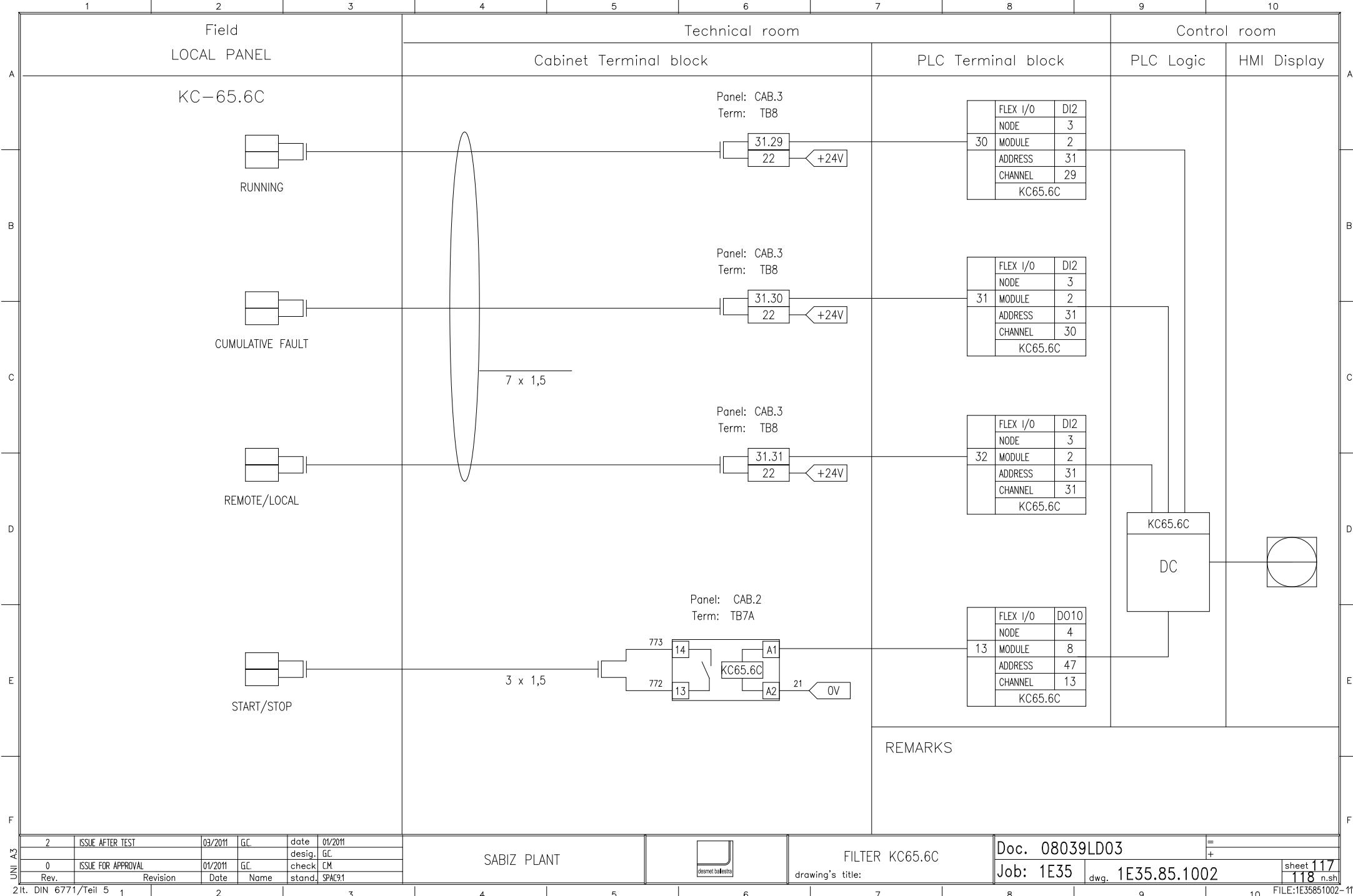
FILTER KC65.6B

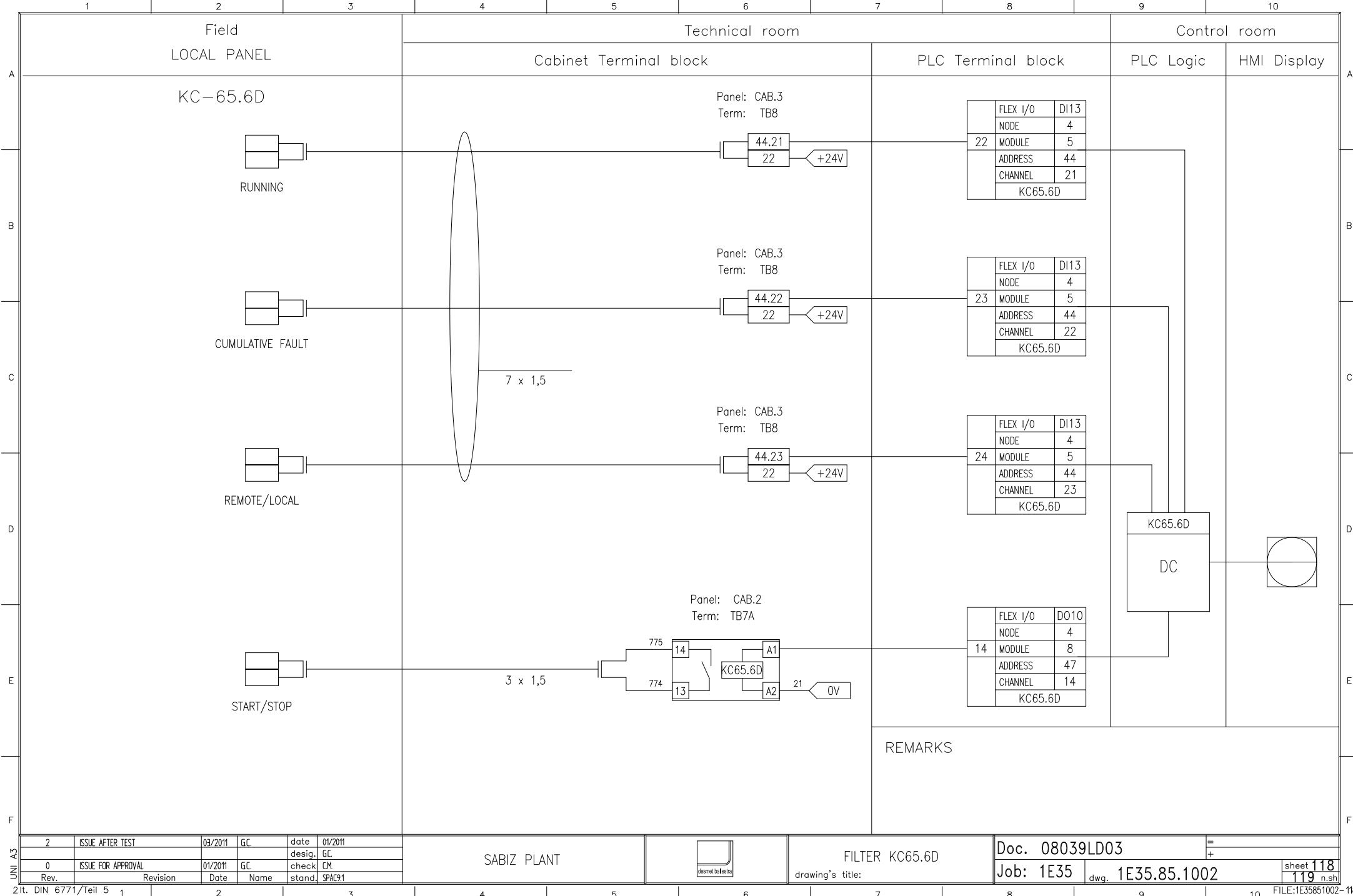
drawing's title:

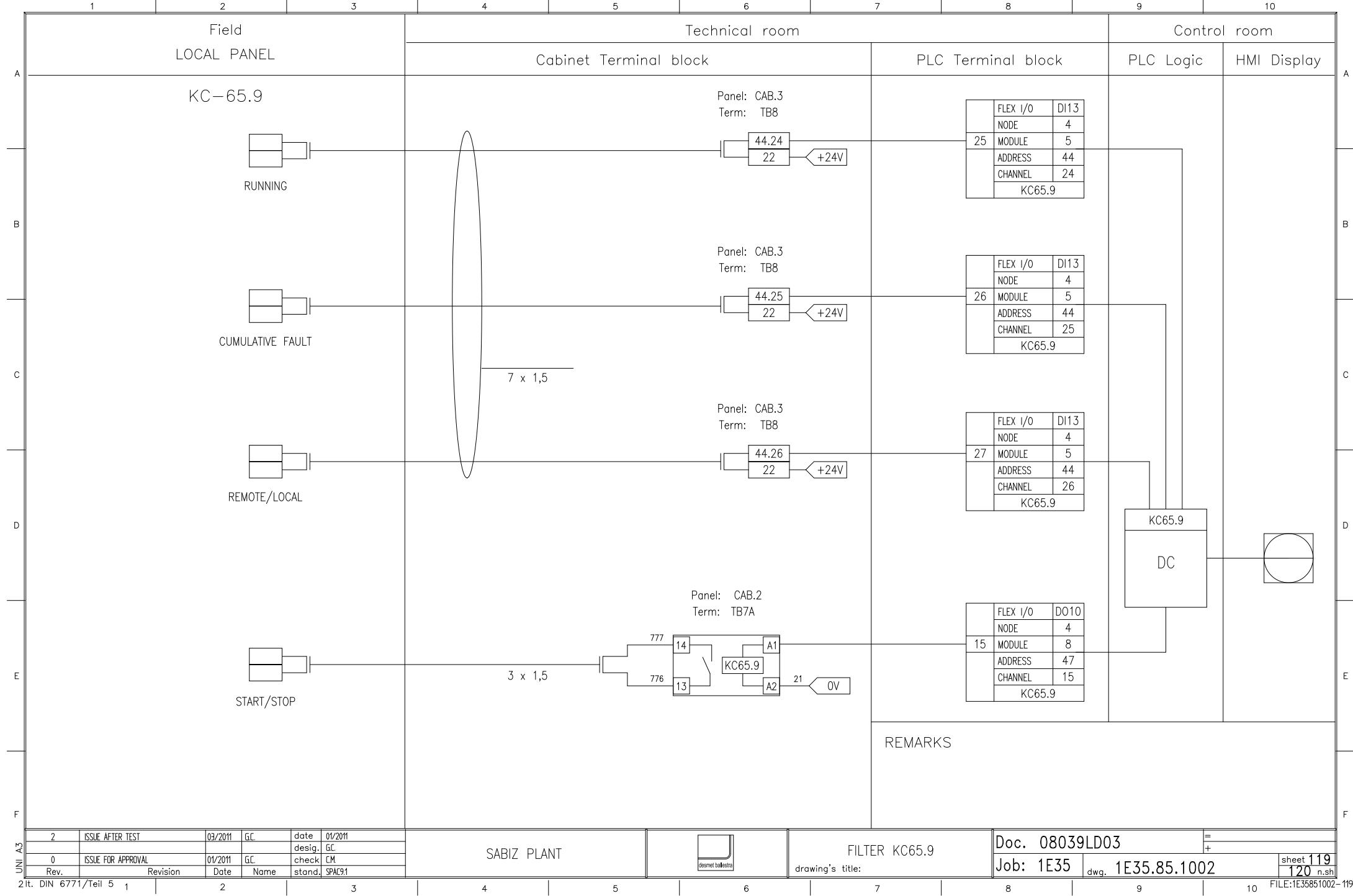
Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 116
117 n.sh







UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	desig.	GC
	Rev.	Revision	Date	Name	check	CM
					stand.	SPAC91

SABIZ PLANT

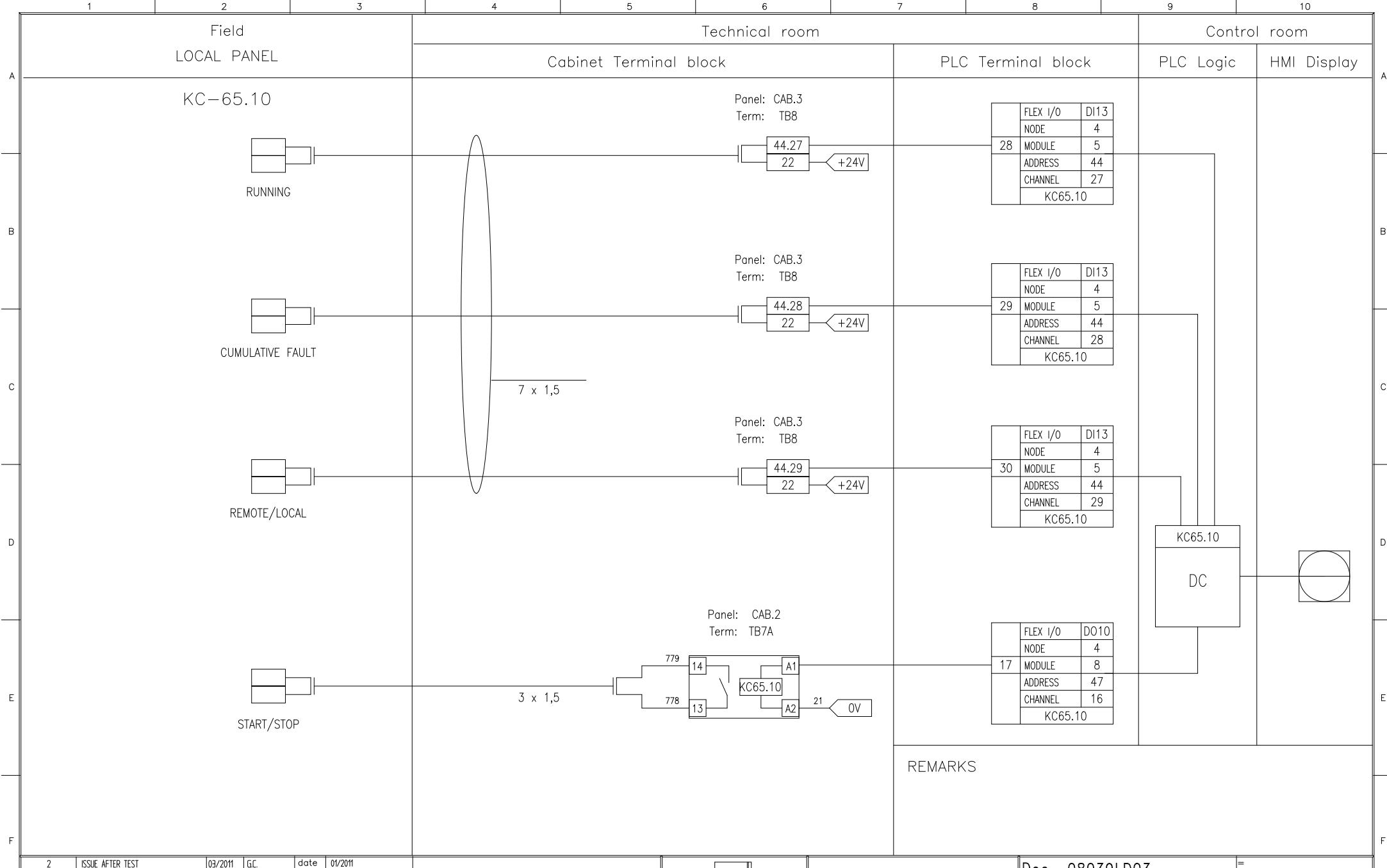


FILTER KC65.9
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 1
120



2	ISSUE AFTER TEST	03/2011	G.C.	date	01/2011
0	ISSUE FOR APPROVAL	01/2011	G.C.	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:1E35851002-120

SABIZ PLANT



FILTER KC65.10

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 120
121 n.sh

1

2

3

4

5

6

7

8

9

10

Technical room

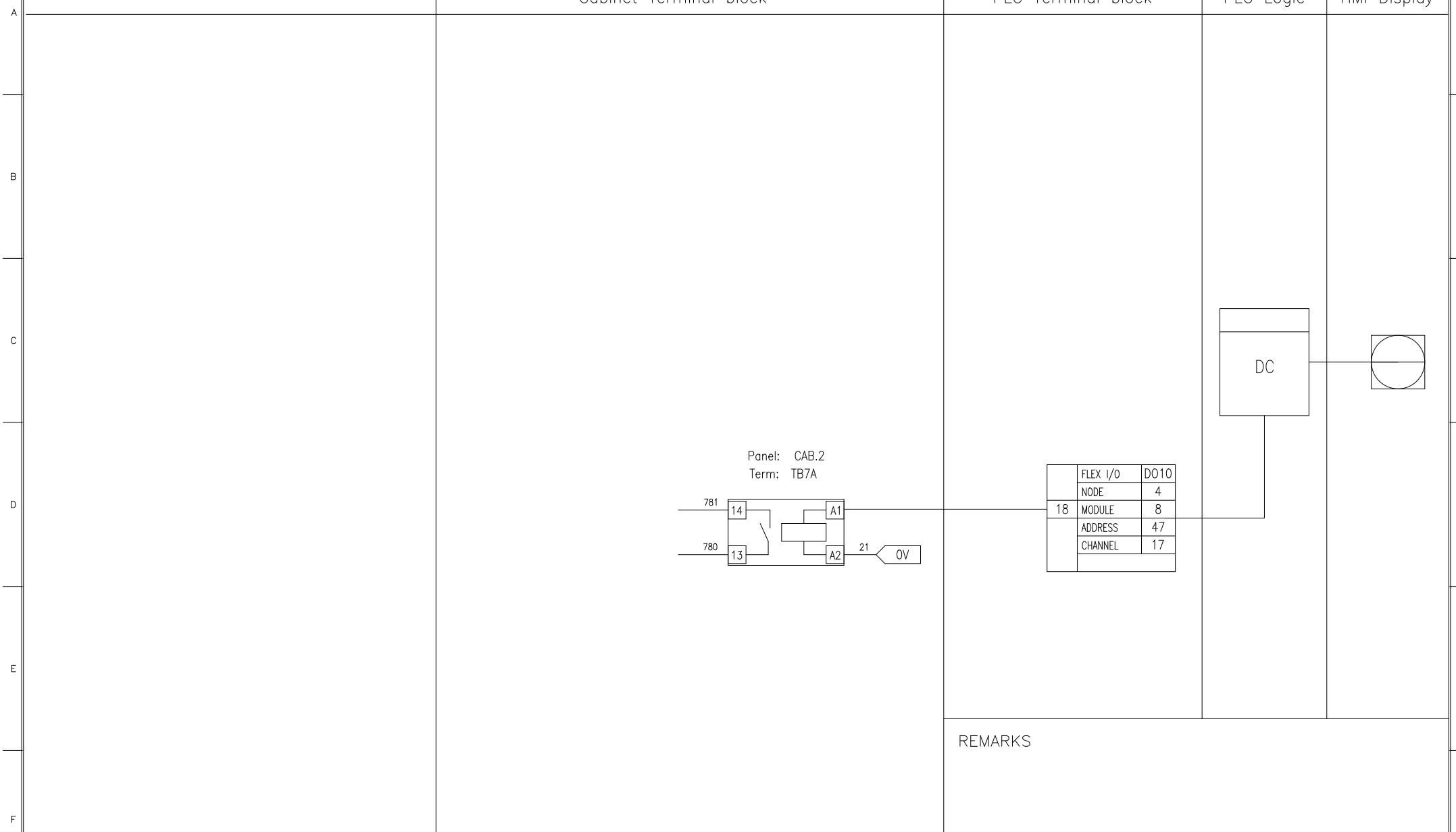
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



1

2

3

4

5

6

7

8

9

10

Technical room

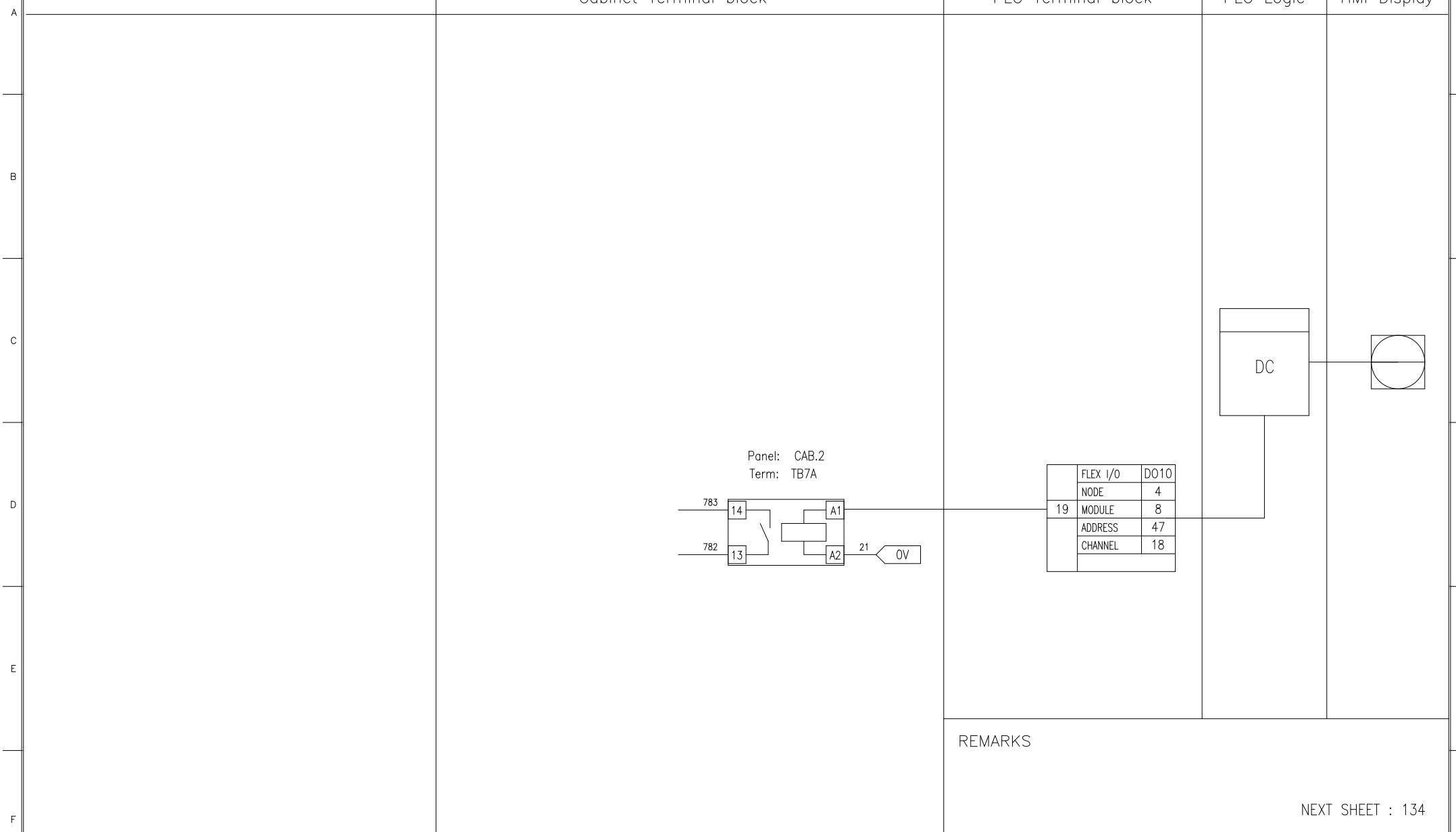
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



UNI A3					date 01/2011
					desig. GC
0	ISSUE FOR APPROVAL	01/2011	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1

SABIZ PLANT



SPARE DIGITAL OUTPUT

Doc. 08039LD03

=

+

Job: 1E35 dwg. 1E35.85.1002

sheet 122

134 n.sh

1

2

3

4

5

6

7

8

9

10

Technical room

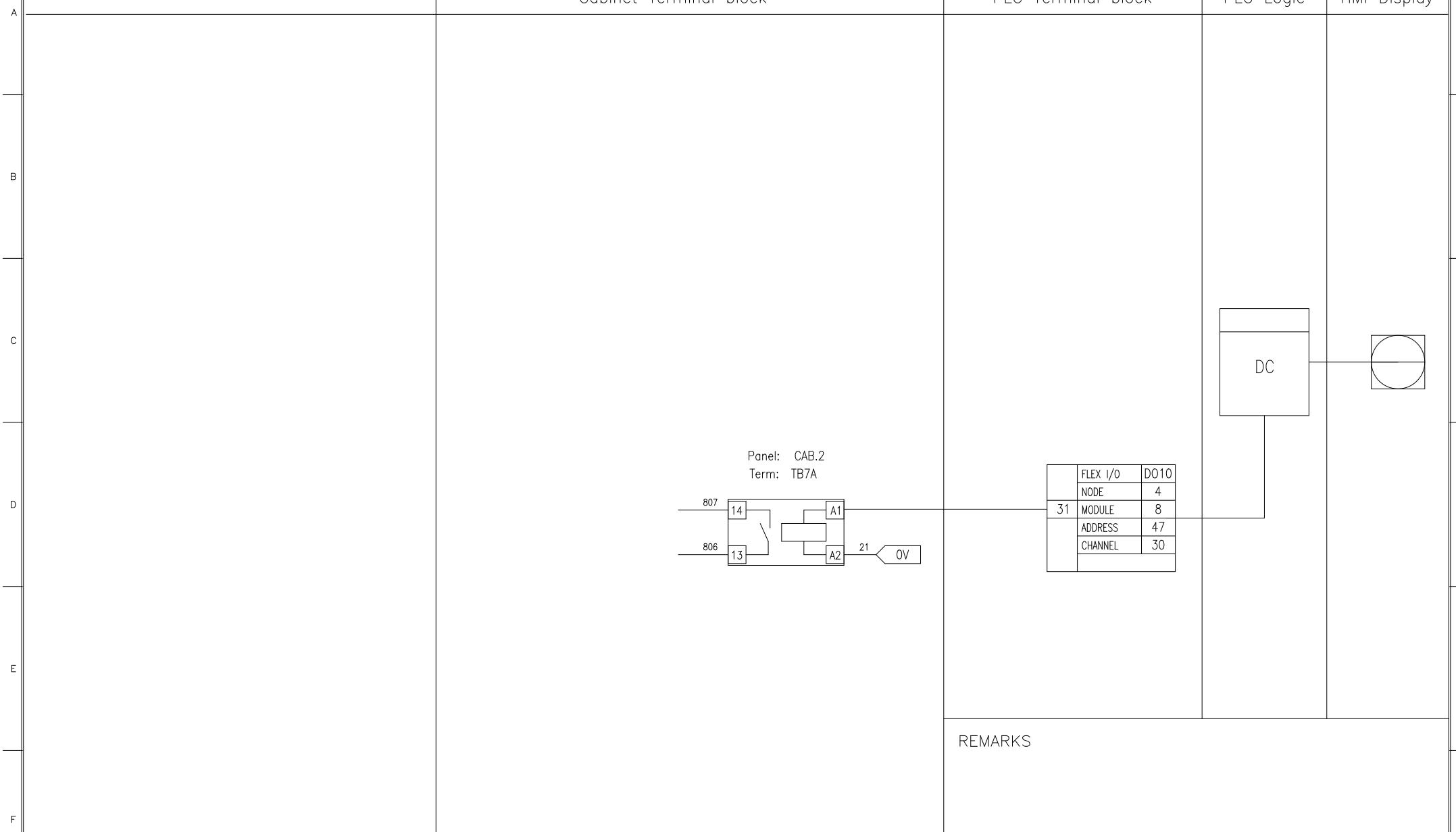
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



UNI A3					date	01/2011
					desig.	GC
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC9.1	

SABIZ PLANT



SPARE DIGITAL OUTPUT

drawing's title:

Doc. 08039LD03

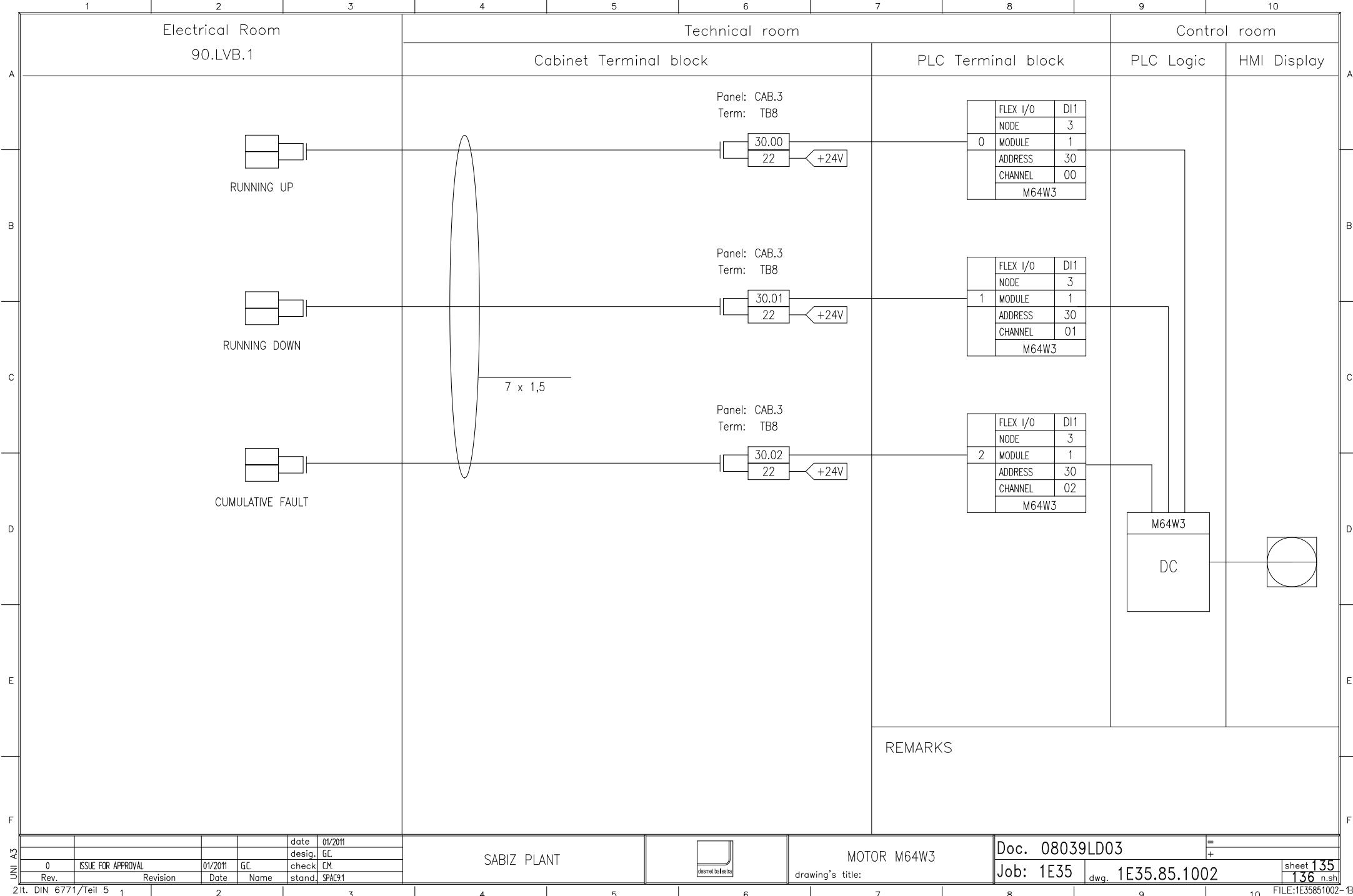
=

+

Job: 1E35 dwg. 1E35.85.1002

sheet 134

135 n.sh

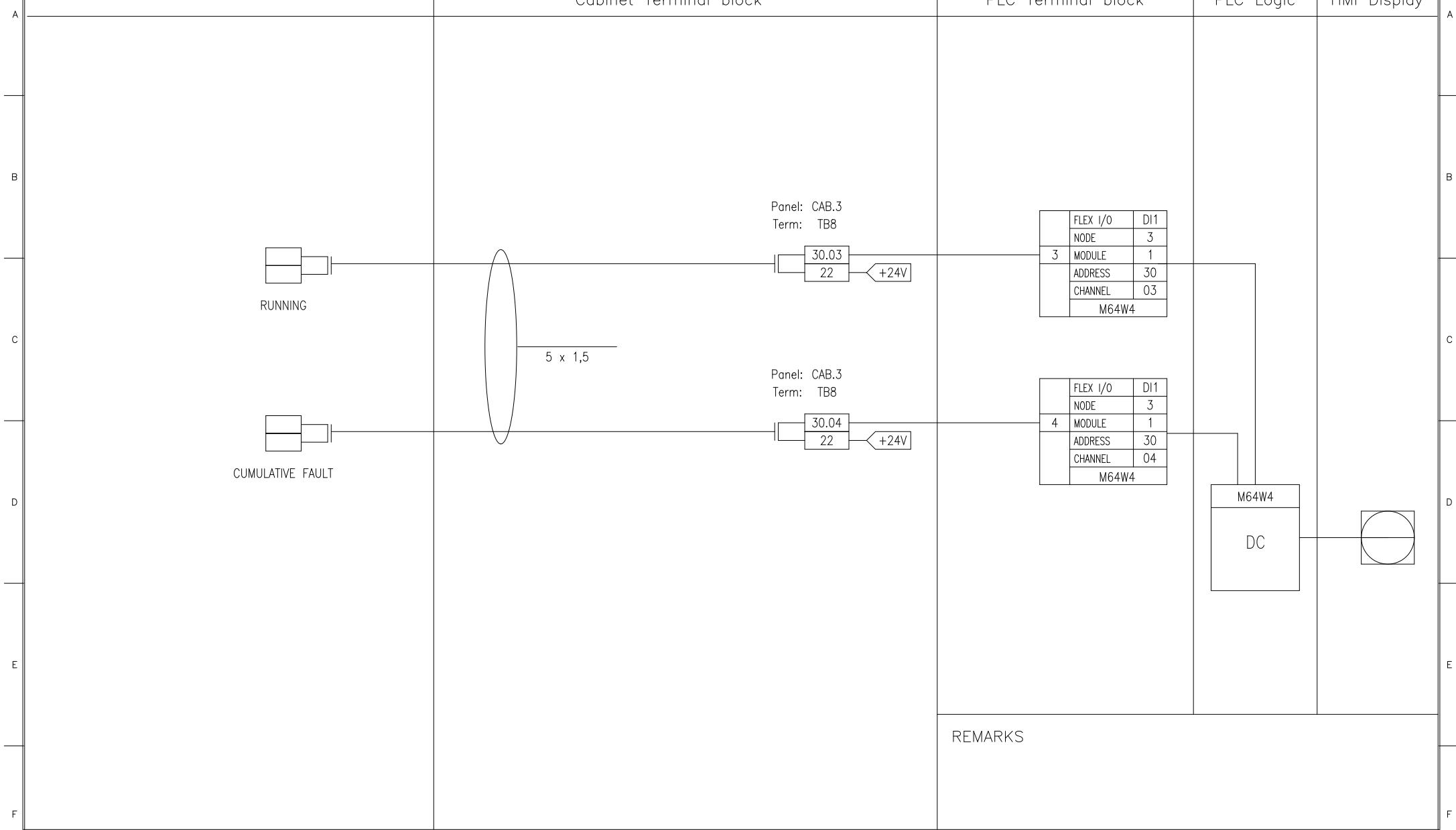


1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Electrical Room
90.LVB.1

Technical room

Control room



UNI A3					date 01/2011
					desig. GC
0	ISSUE FOR APPROVAL	01/2011	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:1E35851002-136

SABIZ PLANT



MOTOR M64W4

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 136
137 n.sh

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

KC-61.1

PNEUMATIC TRANSPORT PANEL

Technical room

Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

A

B

B

C

C

D

D

E

E

F

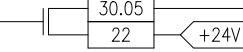
F



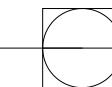
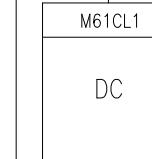
RUNNING

3 x 1,5

Panel: CAB.3
Term: TB8



	FLEX I/O	DI1
	NODE	3
5	MODULE	1
	ADDRESS	30
	CHANNEL	05
		M61CL1



REMARKS

0	ISSUE FOR APPROVAL	01/2011	date	01/2011
Rev.	Revision	Date	desig.	GC
		Name	check	CM

SABIZ PLANT



MOTOR M61CL1

drawing's title:

Doc. 08039LD03

=

Job: 1E35

+

dwg. 1E35.85.1002

sheet 137

138 n.sh

2it. DIN 6771/Teil 5 1

FILE:1E35851002-137

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

KC-61.1

PNEUMATIC TRANSPORT PANEL

Technical room

Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

A

B

B

C

C

D

D

E

E

F

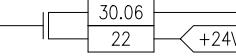
F



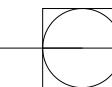
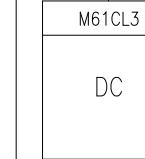
RUNNING

3 x 1,5

Panel: CAB.3
Term: TB8



	FLEX I/O	DI1
	NODE	3
6	MODULE	1
	ADDRESS	30
	CHANNEL	06
		M61CL3



REMARKS

0	ISSUE FOR APPROVAL	01/2011	date	01/2011
Rev.	Revision	Date	desig.	GC
		Name	check	CM
		stand.		SPAC9.1

SABIZ PLANT



MOTOR M61CL3

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 138
139 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E35.85.1002-138

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

KC-61.1

PNEUMATIC TRANSPORT PANEL

Technical room

Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

A

B

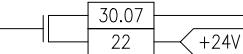
B



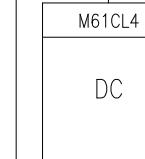
RUNNING

3 x 1,5

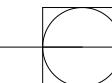
Panel: CAB.3
Term: TB8



	FLEX I/O	DI1
	NODE	3
7	MODULE	1
	ADDRESS	30
	CHANNEL	07
		M61CL4



DC



REMARKS

0	ISSUE FOR APPROVAL	01/2011	date	01/2011
Rev.	Revision	Date	Name	desig. GC check CM stand. SPAC9.1

SABIZ PLANT



MOTOR M61CL4

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 139
140 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E35.85.1002-139

1 2 3 4 5 6 7 8 9 10

KC-61.1

PNEUMATIC TRANSPORT PANEL

Technical room

Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A A

B B

C C

D D

E E

F F

G G

H H

I I

J J

K K

L L

M M

N N

O O

P P

Q Q

R R

S S

T T

U U

V V

W W

X X

Y Y

Z Z

AA AA

BB BB

CC CC

DD DD

EE EE

FF FF

GG GG

HH HH

II II

JJ JJ

KK KK

LL LL

MM MM

NN NN

OO OO

PP PP

QQ QQ

RR RR

SS SS

TT TT

UU UU

VV VV

WW WW

XX XX

YY YY

ZZ ZZ

AA AA

BB BB

CC CC

DD DD

EE EE

FF FF

GG GG

HH HH

II II

JJ JJ

KK KK

LL LL

MM MM

NN NN

OO OO

PP PP

QQ QQ

RR RR

SS SS

TT TT

UU UU

VV VV

WW WW

XX XX

YY YY

ZZ ZZ

AA AA

BB BB

CC CC

DD DD

EE EE

FF FF

GG GG

HH HH

II II

JJ JJ

KK KK

LL LL

MM MM

NN NN

OO OO

PP PP

QQ QQ

RR RR

SS SS

TT TT

UU UU

VV VV

WW WW

XX XX

YY YY

ZZ ZZ

AA AA

BB BB

CC CC

DD DD

EE EE

FF FF

GG GG

HH HH

II II

JJ JJ

KK KK

LL LL

MM MM

NN NN

OO OO

PP PP

QQ QQ

RR RR

SS SS

TT TT

UU UU

VV VV

WW WW

XX XX

YY YY

ZZ ZZ

AA AA

BB BB

CC CC

DD DD

EE EE

FF FF

GG GG

HH HH

II II

JJ JJ

KK KK

LL LL

MM MM

NN NN

OO OO

PP PP

QQ QQ

RR RR

SS SS

TT TT

UU UU

VV VV

WW WW

XX XX

YY YY

ZZ ZZ

AA AA

BB BB

CC CC

DD DD

EE EE

FF FF

GG GG

HH HH

II II

JJ JJ

KK KK

LL LL

MM MM

NN NN

OO OO

PP PP

QQ QQ

RR RR

SS SS

TT TT

UU UU

VV VV

WW WW

XX XX

YY YY

ZZ ZZ

AA AA

BB BB

CC CC

DD DD

EE EE

FF FF

GG GG

HH HH

II II

JJ JJ

KK KK

LL LL

MM MM

NN NN

OO OO

PP PP

QQ QQ

RR RR

SS SS

TT TT

UU UU

VV VV

WW WW

XX XX

YY YY

ZZ ZZ

AA AA

BB BB

CC CC

DD DD

EE EE

FF FF

GG GG

HH HH

II II

JJ JJ

KK KK

LL LL

MM MM

NN NN

OO OO

PP PP

QQ QQ

RR RR

SS SS

TT TT

UU UU

VV VV

WW WW

XX XX

YY YY

ZZ ZZ

AA AA

BB BB

CC CC

DD DD

EE EE

FF FF

GG GG

HH HH

II II

JJ JJ

KK KK

LL LL

MM MM

NN NN

OO OO

PP PP

QQ QQ

RR RR

SS SS

TT TT

UU UU

VV VV

WW WW

XX XX

YY YY

ZZ ZZ

AA AA

BB BB

CC CC

DD DD

EE EE

FF FF

GG GG

HH HH

II II

JJ JJ

KK KK

LL LL

MM MM

NN NN

OO OO

PP PP

QQ QQ

RR RR

SS SS

TT TT

UU UU

VV VV

WW WW

XX XX

YY YY

ZZ ZZ

AA AA

BB BB

CC CC

DD DD

EE EE

FF FF

GG GG

HH HH

II II

JJ JJ

KK KK

LL LL

MM MM

NN NN

OO OO

PP PP

QQ QQ

RR RR

SS SS

TT TT

UU UU

VV VV

WW WW

XX XX

YY YY

ZZ ZZ

AA AA

BB BB

CC CC

DD DD

EE EE

FF FF

GG GG

HH HH

II II

JJ JJ

KK KK

LL LL

MM MM

NN NN

OO OO

PP PP

QQ QQ

RR RR

SS SS

TT TT

UU UU

VV VV

WW WW

XX XX

YY YY

ZZ ZZ

AA AA

BB BB

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

KC-61.1

PNEUMATIC TRANSPORT PANEL

Technical room

Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

A

B

B

C

C

D

D

E

E

F

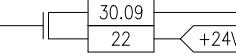
F



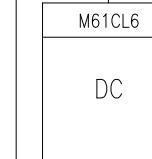
RUNNING

3 x 1,5

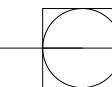
Panel: CAB.3
Term: TB8



	FLEX I/O	DI1
	NODE	3
9	MODULE	1
	ADDRESS	30
	CHANNEL	09
		M61CL6



DC



REMARKS

0	ISSUE FOR APPROVAL	01/2011	date	01/2011
Rev.	Revision	Date	desig.	GC

SABIZ PLANT



MOTOR M61CL6

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 141
142 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E35851002-141

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

KC-61.1

PNEUMATIC TRANSPORT PANEL

Technical room

Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

A

B

B

C

C

D

D

E

E

F

F



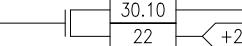
RUNNING

5 x 1,5



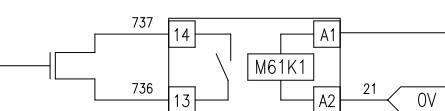
ITB

Panel: CAB.3
Term: TB8



	FLEX I/O	DI1
10	NODE	3
	MODULE	1
	ADDRESS	30
	CHANNEL	10
		M61K1

Panel: CAB.6
Term: TB7



	FLEX I/O	DO9
28	NODE	6
	MODULE	7
	ADDRESS	66
	CHANNEL	27
		M61K1

REMARKS

0	ISSUE FOR APPROVAL	01/2011	date	01/2011
Rev.	Revision	Date	desig.	GC
		Name	check	CM

Stand: SPAC9.1

SABIZ PLANT



MOTOR M61K1

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

=
+
sheet 142
143 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E35851002-142

1 2 3 4 5 6 7 8 9 10

KC-61.1

PNEUMATIC TRANSPORT PANEL

Technical room

Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A A

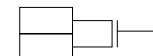
B B

C C

D D

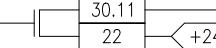
E E

F F

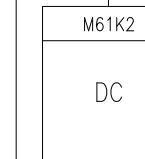


RUNNING

3 x 1,5

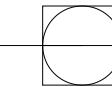
Panel: CAB.3
Term: TB8

	FLEX I/O	DI1
	NODE	3
11	MODULE	1
	ADDRESS	30
	CHANNEL	11
		M61K2



M61K2

DC



REMARKS

UNI A3					date 01/2011			Doc. 08039LD03	=
					desig. GC				+
0	ISSUE FOR APPROVAL	01/2011	GC	check CM				Job: 1E35	dwg. 1E35.85.1002
Rev.	Revision	Date	Name	stand. SPAC9.1					sheet 143 144 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E35851002-143

SABIZ PLANT



MOTOR M61K2

drawing's title:

1 2 3 4 5 6 7 8 9 10

KC-61.1

PNEUMATIC TRANSPORT PANEL

Technical room

Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A A

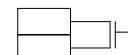
B B

C C

D D

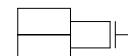
E E

F F

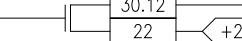


RUNNING

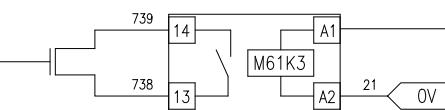
5 x 1,5



ITB

Panel: CAB.3
Term: TB8

	FLEX I/O	DI1
12	NODE	3
	MODULE	1
	ADDRESS	30
	CHANNEL	12
		M61K3

Panel: CAB.6
Term: TB7

	FLEX I/O	DO9
29	NODE	6
	MODULE	7
	ADDRESS	66
	CHANNEL	28
		M61K3

REMARKS

UNI A3									
0	ISSUE FOR APPROVAL	01/2011	desig.	GC					
Rev.	Revision	Date	Name	check	CM				
				stand.	SPAC9.1				

SABIZ PLANT



MOTOR M61K3

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 144

145 n.sh

2it. DIN 6771/Teil 5 1 2 3 4 5 6 7 8 9 10 FILE:1E35851002-144

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

KC-61.1

PNEUMATIC TRANSPORT PANEL

Technical room

Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A A

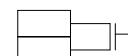
B B

C C

D D

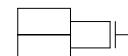
E E

F F



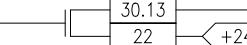
RUNNING

5 x 1,5



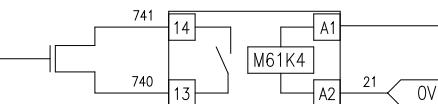
ITB

Panel: CAB.3
Term: TB8



	FLEX I/O	DI1
13	NODE	3
	MODULE	1
	ADDRESS	30
	CHANNEL	13
		M61K4

Panel: CAB.6
Term: TB7



	FLEX I/O	DO9
30	NODE	6
	MODULE	7
	ADDRESS	66
	CHANNEL	29
		M61K4

REMARKS

0	ISSUE FOR APPROVAL	01/2011	date	01/2011
	Revision	Date	desig.	GC
		Name	check	CM

Rev. stand. SPAC9.1

SABIZ PLANT



MOTOR M61K4

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 145
146 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E35851002-145

1 2 3 4 5 6 7 8 9 10

KC-61.1

PNEUMATIC TRANSPORT PANEL

Technical room

Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A A

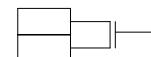
B B

C C

D D

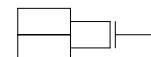
E E

F F

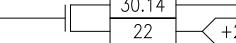


RUNNING

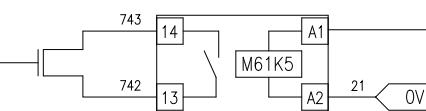
5 x 1,5



ITB

Panel: CAB.3
Term: TB8

	FLEX I/O	DI1
14	NODE	3
	MODULE	1
	ADDRESS	30
	CHANNEL	14
		M61K5

Panel: CAB.6
Term: TB7

	FLEX I/O	D09
31	NODE	6
	MODULE	7
	ADDRESS	66
	CHANNEL	30
		M61K5

REMARKS

UNI A3

0 ISSUE FOR APPROVAL 01/2011 GC check CM Rev. Revision Date Name stand SPAC9.1

SABIZ PLANT



MOTOR M61K5

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 146
147 n.sh

2it. DIN 6771/Teil 5 1 2 3 4 5 6 7 8 9 10 FILE:1E35851002-146

1 2 3 4 5 6 7 8 9 10

KC-61.1

PNEUMATIC TRANSPORT PANEL

Technical room

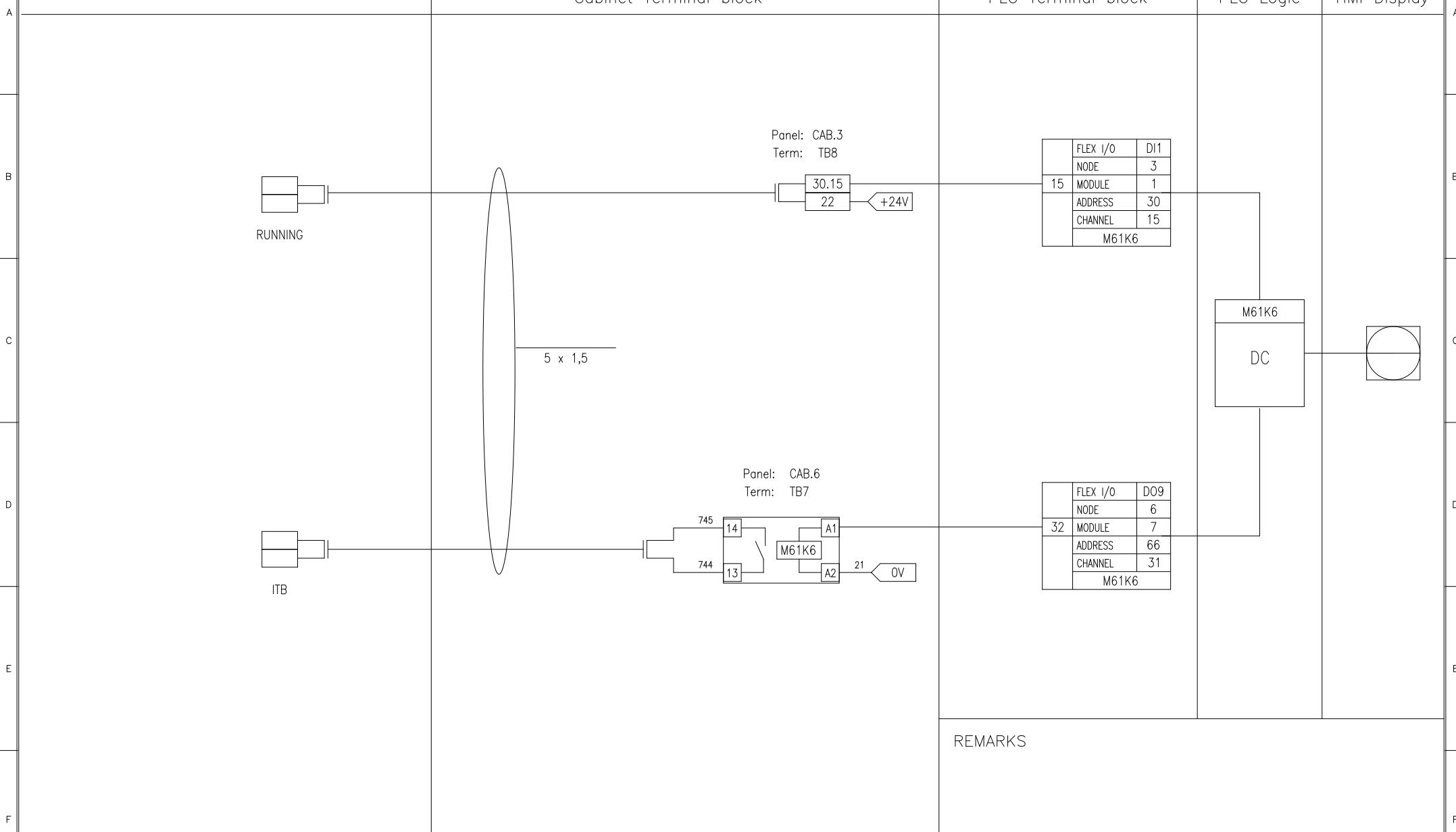
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



UNI A3					date 01/2011
					desig. GC
0	ISSUE FOR APPROVAL	01/2011	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1

SABIZ PLANT



MOTOR M61K6

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 147
148 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E35851002-147

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

KC-61.1

PNEUMATIC TRANSPORT PANEL

Technical room

Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

A

B

B

C

C

D

D

E

E

F

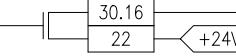
F



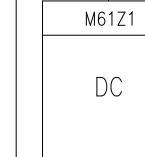
RUNNING

3 x 1,5

Panel: CAB.3
Term: TB8

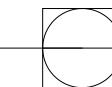


	FLEX I/O	DI1
	NODE	3
17	MODULE	1
	ADDRESS	30
	CHANNEL	16
		M61Z1



M61Z1

DC



REMARKS

0	ISSUE FOR APPROVAL	01/2011	date	01/2011
Rev.	Revision	Date	desig.	GC
		Name	check	CM
		stand.		SPAC9.1

SABIZ PLANT



MOTOR M61Z1

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 148
149 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E35851002-148

1 2 3 4 5 6 7 8 9 10

KC-61.1

PNEUMATIC TRANSPORT PANEL

Technical room

Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A A

B B

C C

D D

E E

F F

UNI A3

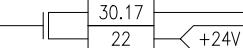
0 ISSUE FOR APPROVAL 01/2011 GC check CM
Rev. Revision Date Name stand SPAC9.1

2it. DIN 6771/Teil 5 1 2 3 4 5 6 7 8 9 10 FILE:1E35851002-149

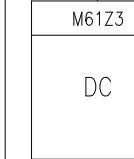


RUNNING

3 x 1,5

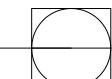
Panel: CAB.3
Term: TB8

	FLEX I/O	DI1
	NODE	3
18	MODULE	1
	ADDRESS	30
	CHANNEL	17
		M61Z3



M61Z3

DC



REMARKS

SABIZ PLANT



MOTOR M61Z3

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 149
150 n.sh

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

KC-61.1

PNEUMATIC TRANSPORT PANEL

Technical room

Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

A

B

B

C

C

D

D

E

E

F

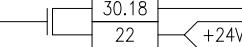
F



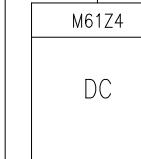
RUNNING

3 x 1,5

Panel: CAB.3
Term: TB8

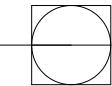


	FLEX I/O	DI1
	NODE	3
19	MODULE	1
	ADDRESS	30
	CHANNEL	18
		M61Z4



M61Z4

DC



REMARKS

SABIZ PLANT



MOTOR M61Z4

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 150
151 n.sh

0	ISSUE FOR APPROVAL	01/2011	date	01/2011
Rev.	Revision	Date	desig.	GC
		Name	check	CM
		stand.	stand.	SPAC9.1

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E35851002-150

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

KC-61.1

PNEUMATIC TRANSPORT PANEL

Technical room

Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

A

B

B

C

C

D

D

E

E

F

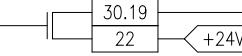
F



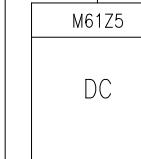
RUNNING

3 x 1,5

Panel: CAB.3
Term: TB8

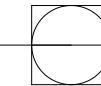


	FLEX I/O	DI1
	NODE	3
20	MODULE	1
	ADDRESS	30
	CHANNEL	19
		M61Z5



M61Z5

DC



REMARKS

0	ISSUE FOR APPROVAL	01/2011	date	01/2011
Rev.	Revision	Date	desig.	GC
		Name	check	CM
		stand.		SPAC9.1

SABIZ PLANT



MOTOR M61Z5

drawing's title:

Doc. 08039LD03

=

+

Job: 1E35

dwg. 1E35.85.1002

sheet 151

152 n.sh

2it. DIN 6771/Teil 5 1

FILE:1E35.85.1002-151

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

KC-61.1

PNEUMATIC TRANSPORT PANEL

Technical room

Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

A

B

B

C

C

D

D

E

E

F

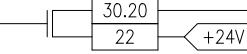
F



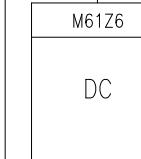
RUNNING

3 x 1,5

Panel: CAB.3
Term: TB8

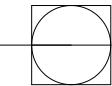


	FLEX I/O	DI1
	NODE	3
21	MODULE	1
	ADDRESS	30
	CHANNEL	20
		M61Z6



M61Z6

DC



REMARKS

0	ISSUE FOR APPROVAL	01/2011	date	01/2011
Rev.	Revision	Date	desig.	GC
		Name	check	CM
		stand.		SPAC9.1

SABIZ PLANT



MOTOR M61Z6

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 152
153 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E35851002-152

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

KC-61.1

PNEUMATIC TRANSPORT PANEL

Technical room

Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

A

B

B

C

C

D

D

E

E

F

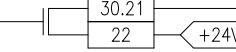
F



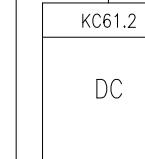
RUNNING

3 x 1,5

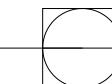
Panel: CAB.3
Term: TB8



	FLEX I/O	DI1
	NODE	3
22	MODULE	1
	ADDRESS	30
	CHANNEL	21
		KC61.2



DC



REMARKS

0	ISSUE FOR APPROVAL	01/2011	date	01/2011
Rev.	Revision	Date	desig.	GC
		Name	check	CM
		stand.	SPAC9.1	

SABIZ PLANT



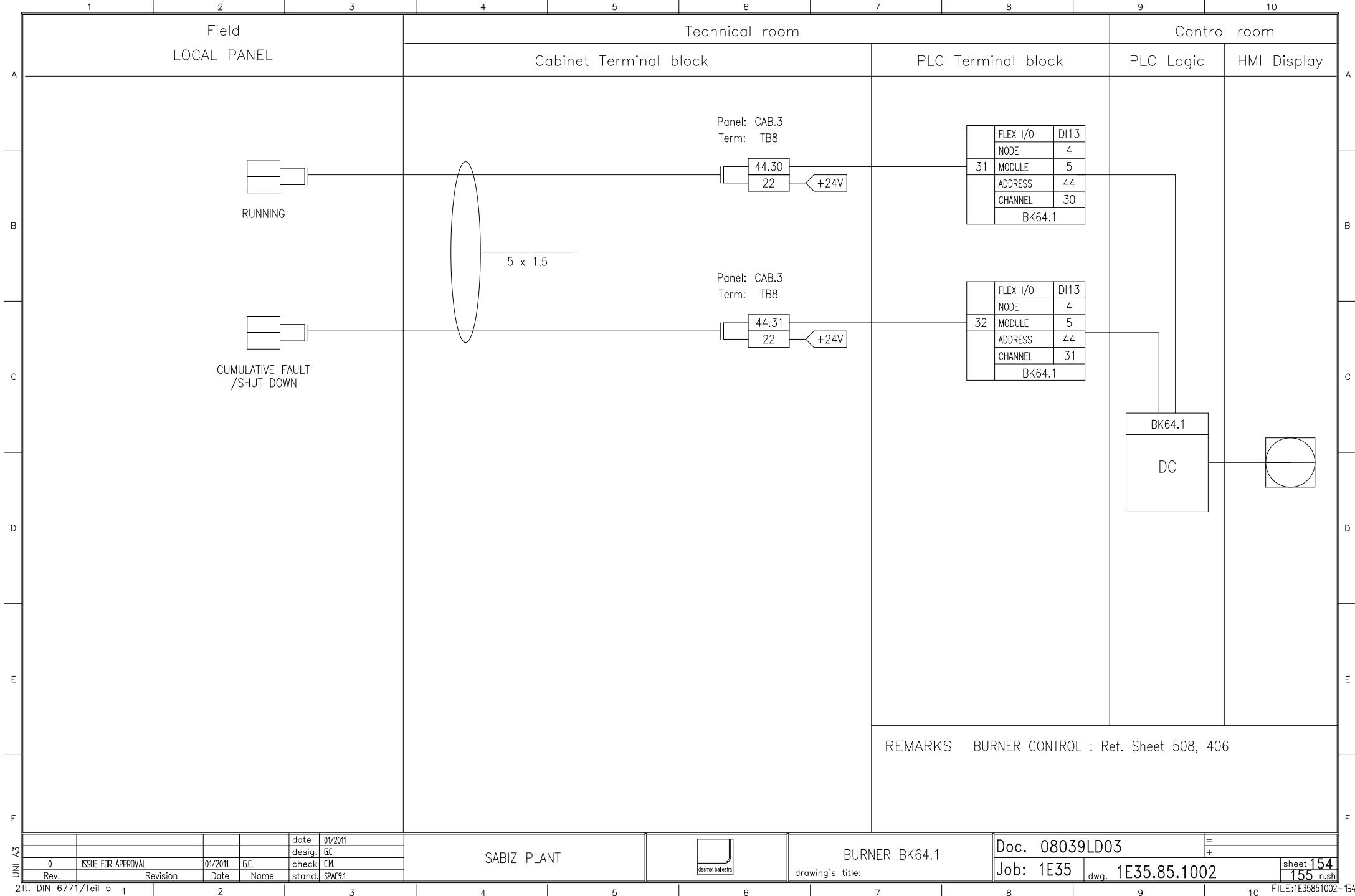
FILTER KC61.2

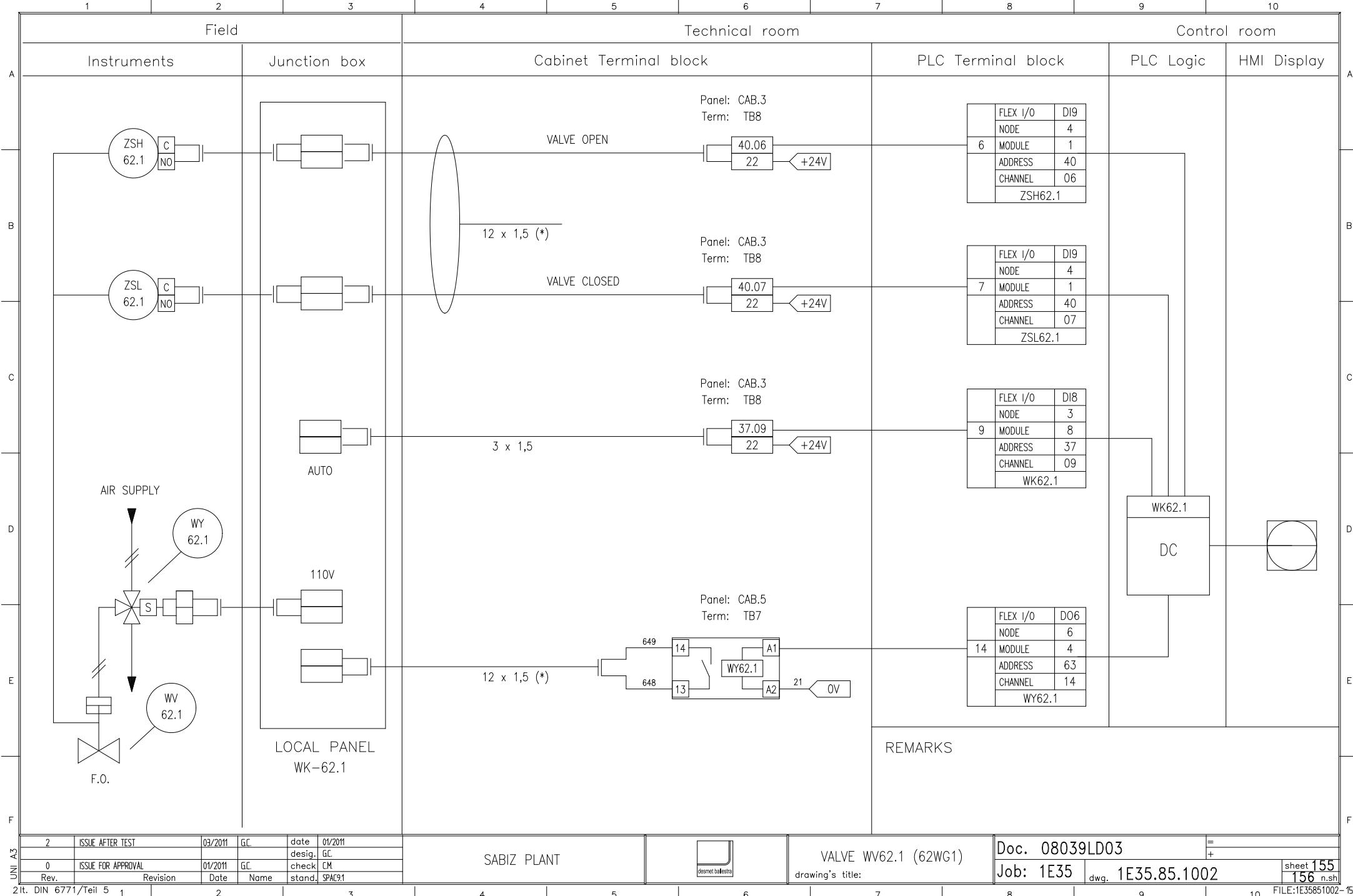
drawing's title:

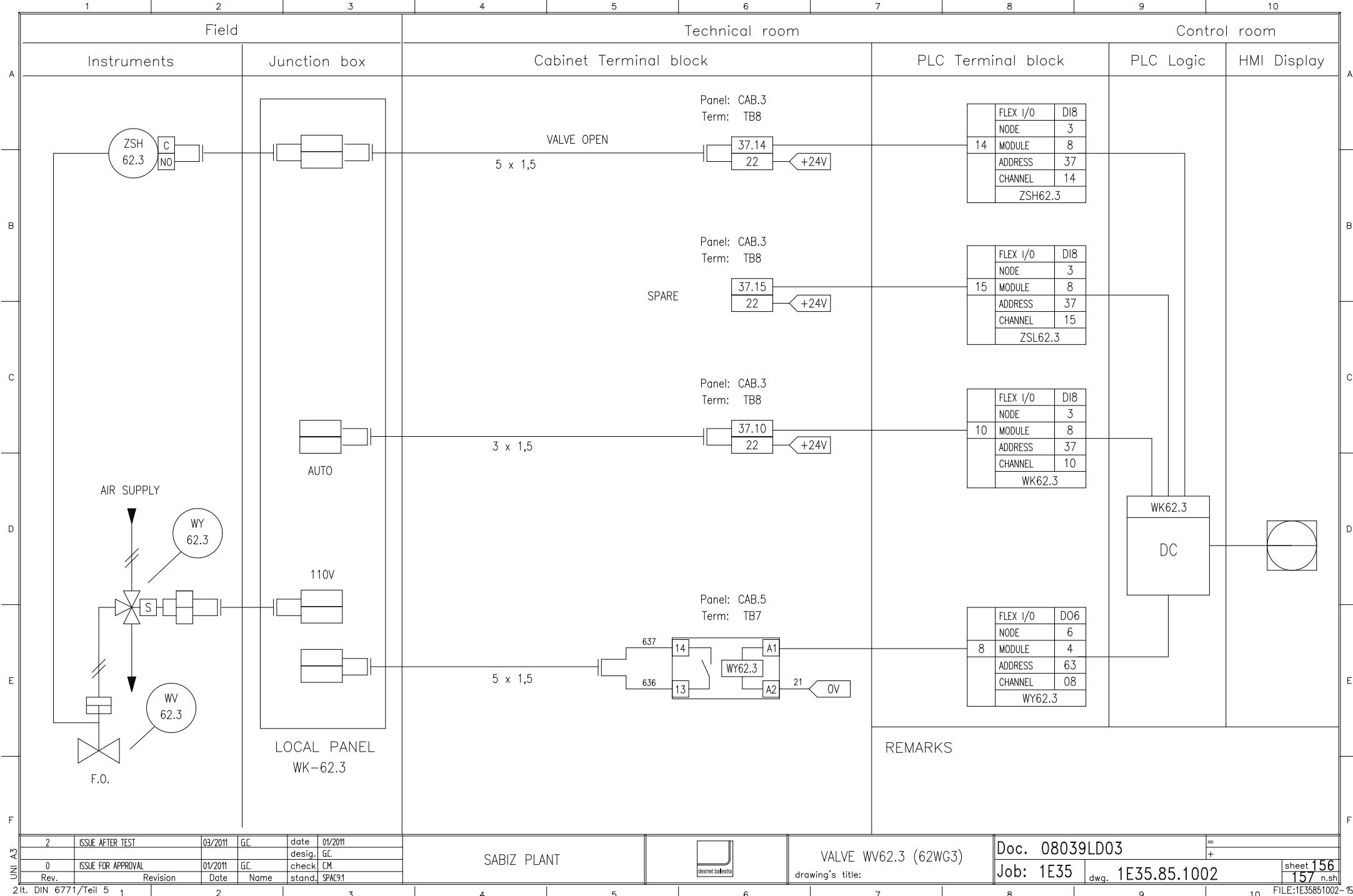
Doc. 08039LD03

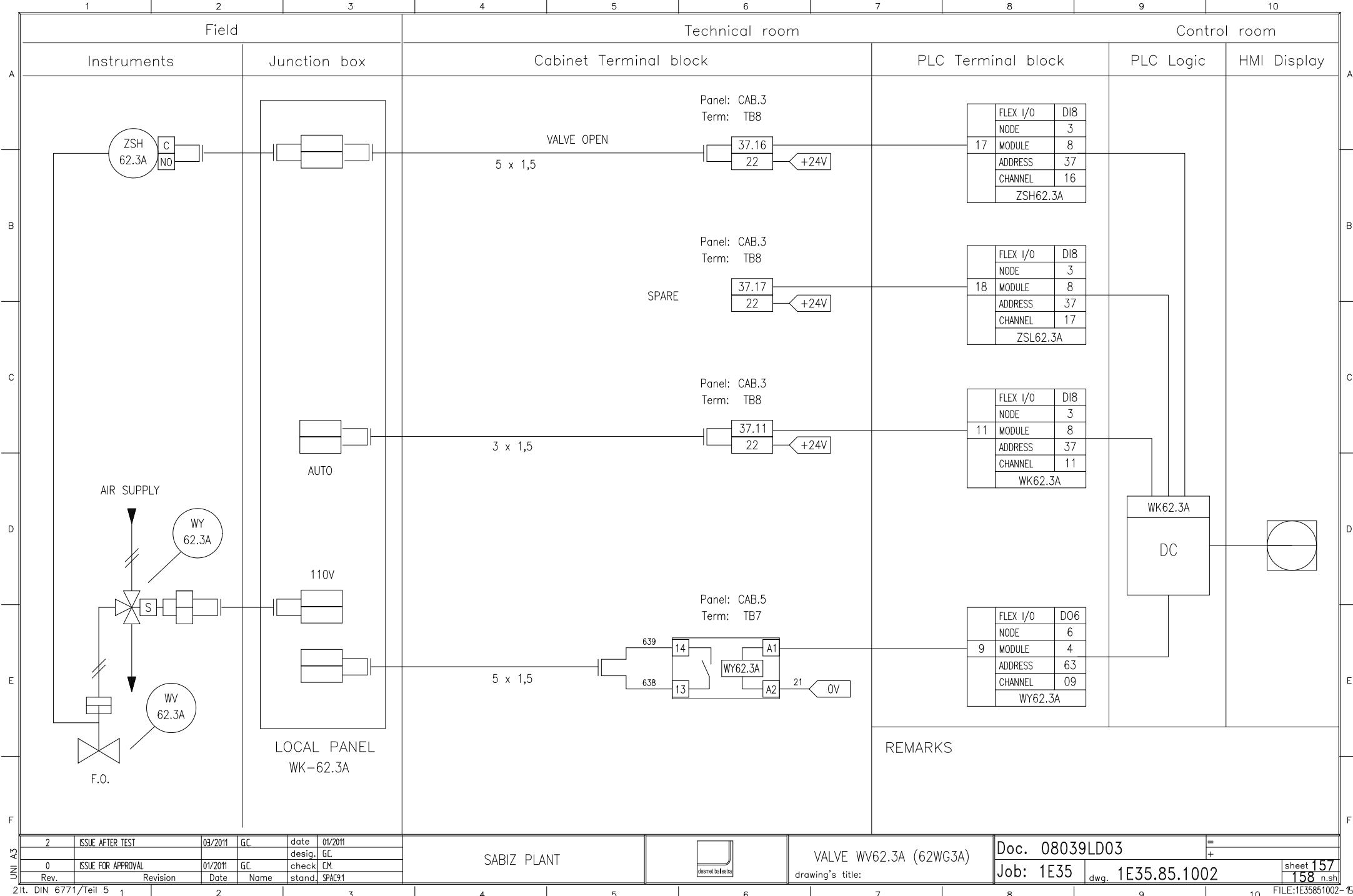
Job: 1E35 dwg. 1E35.85.1002

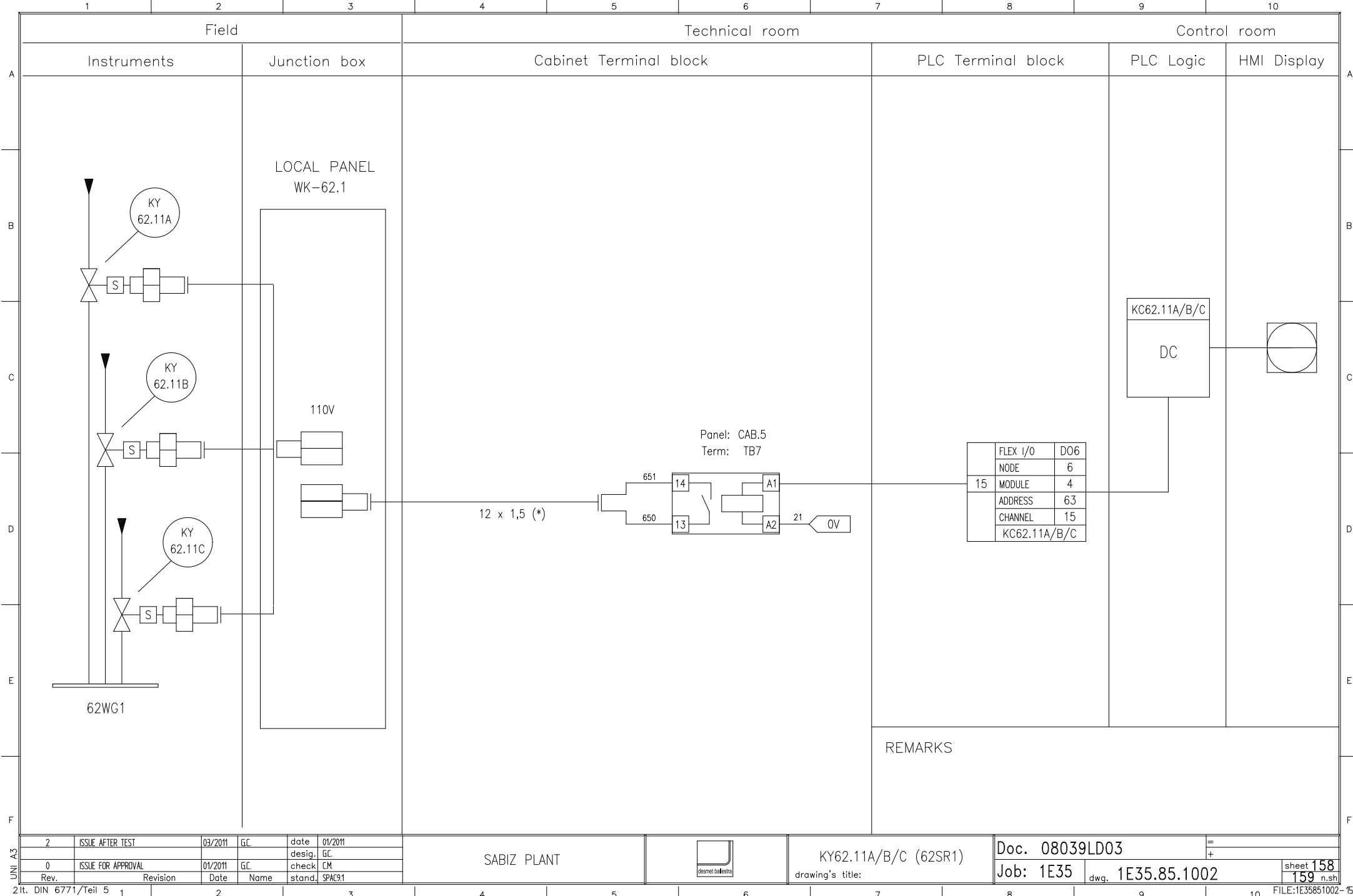
sheet 153
154 n.sh

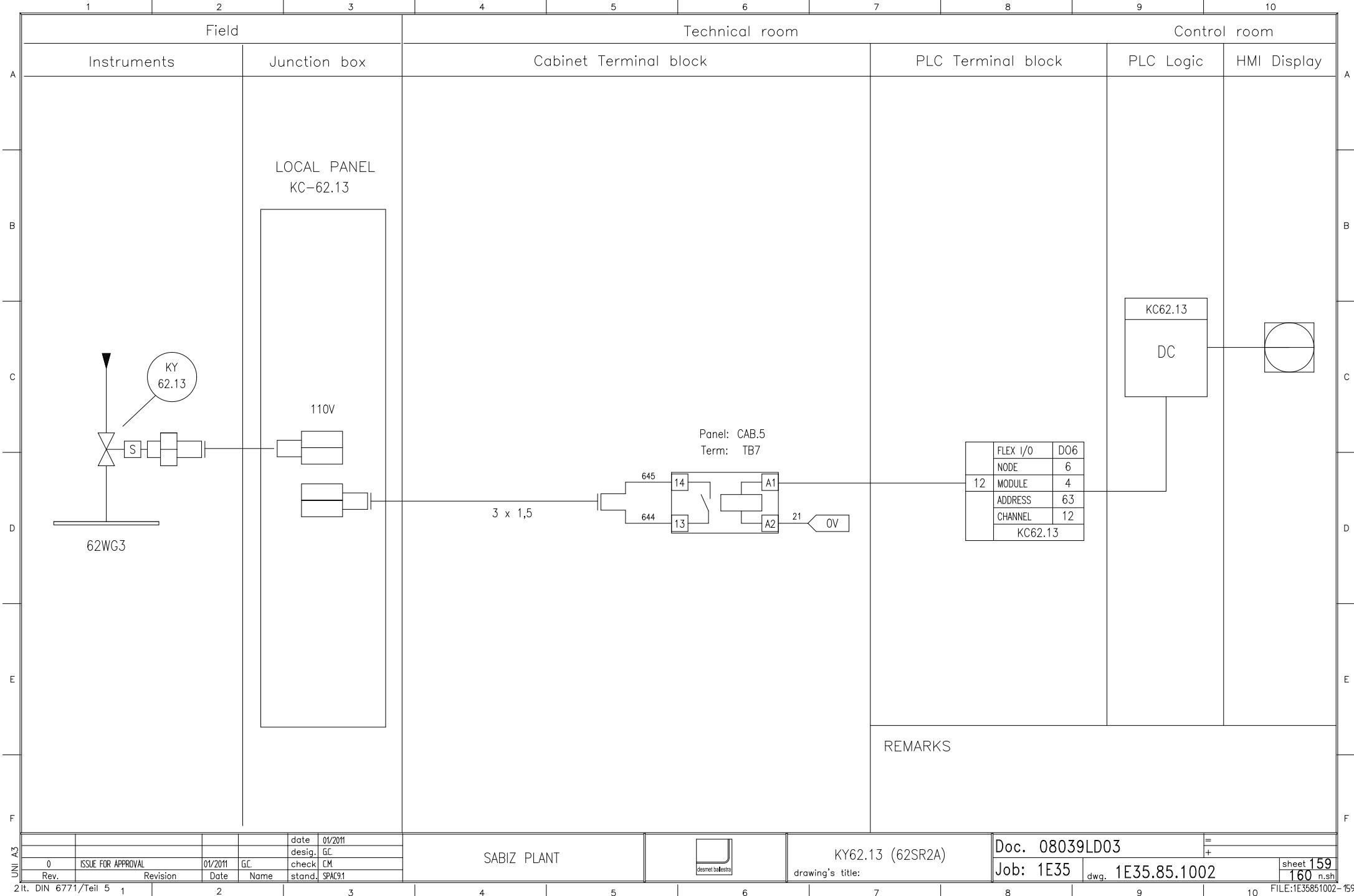


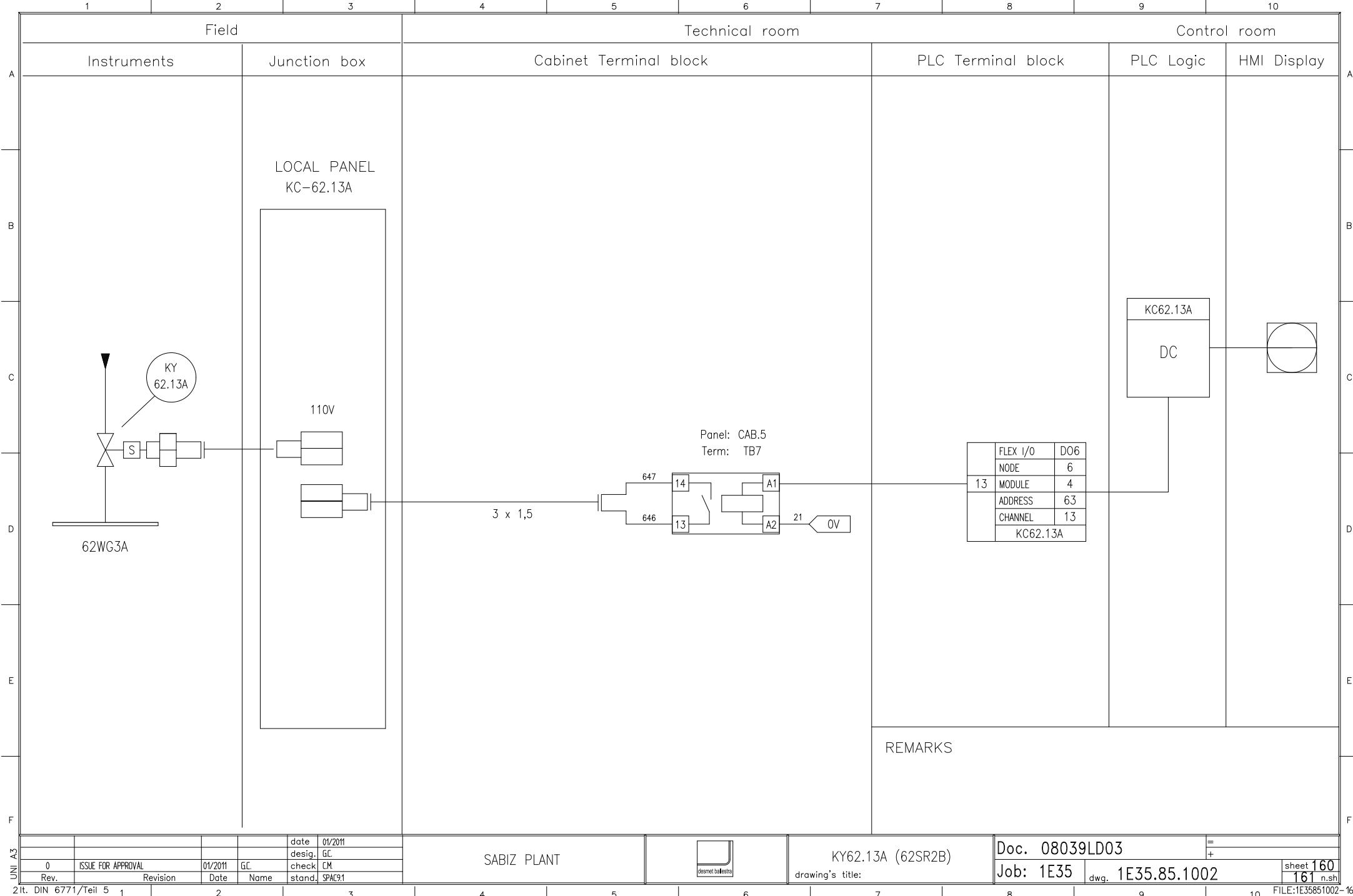


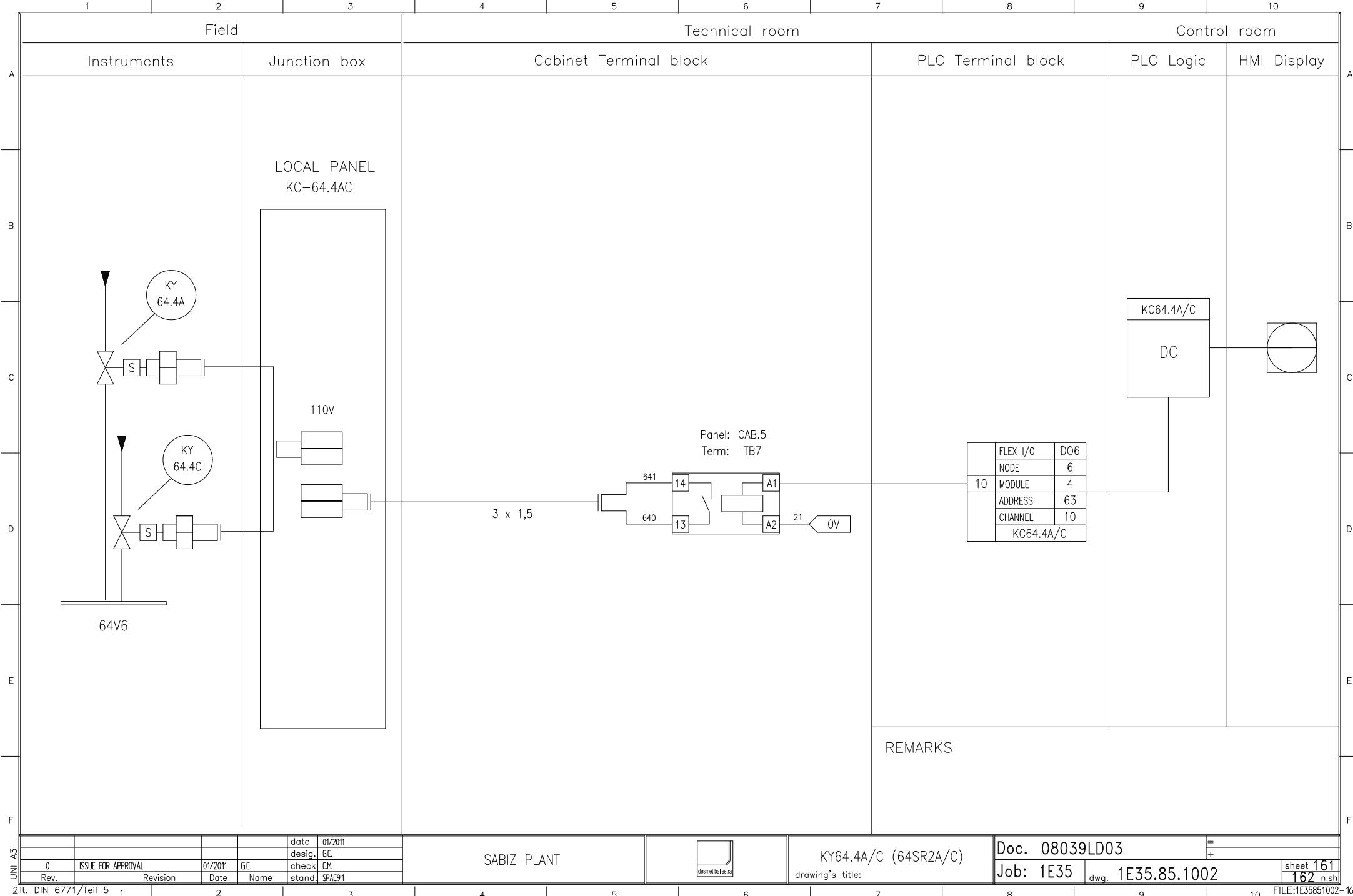


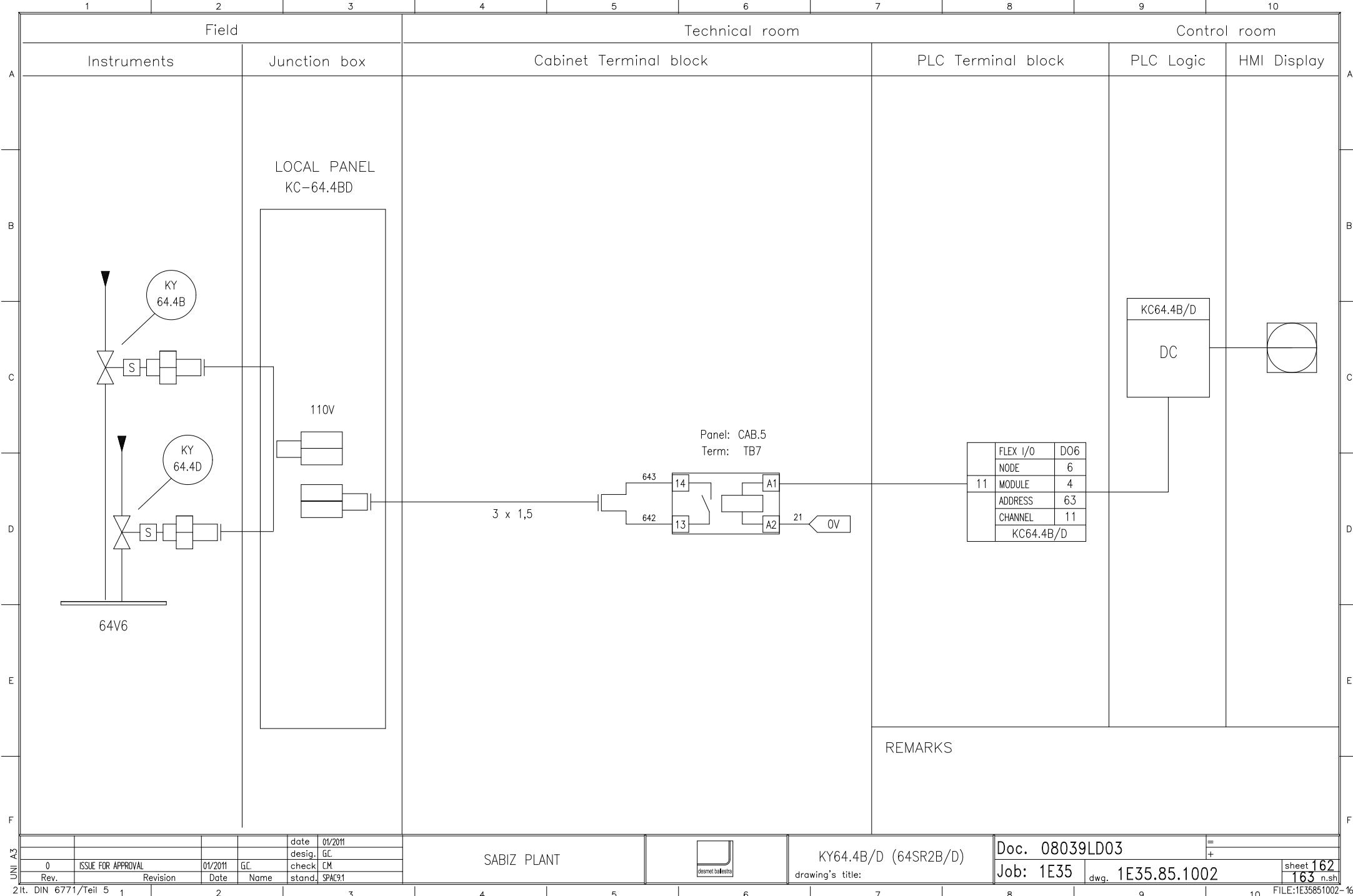


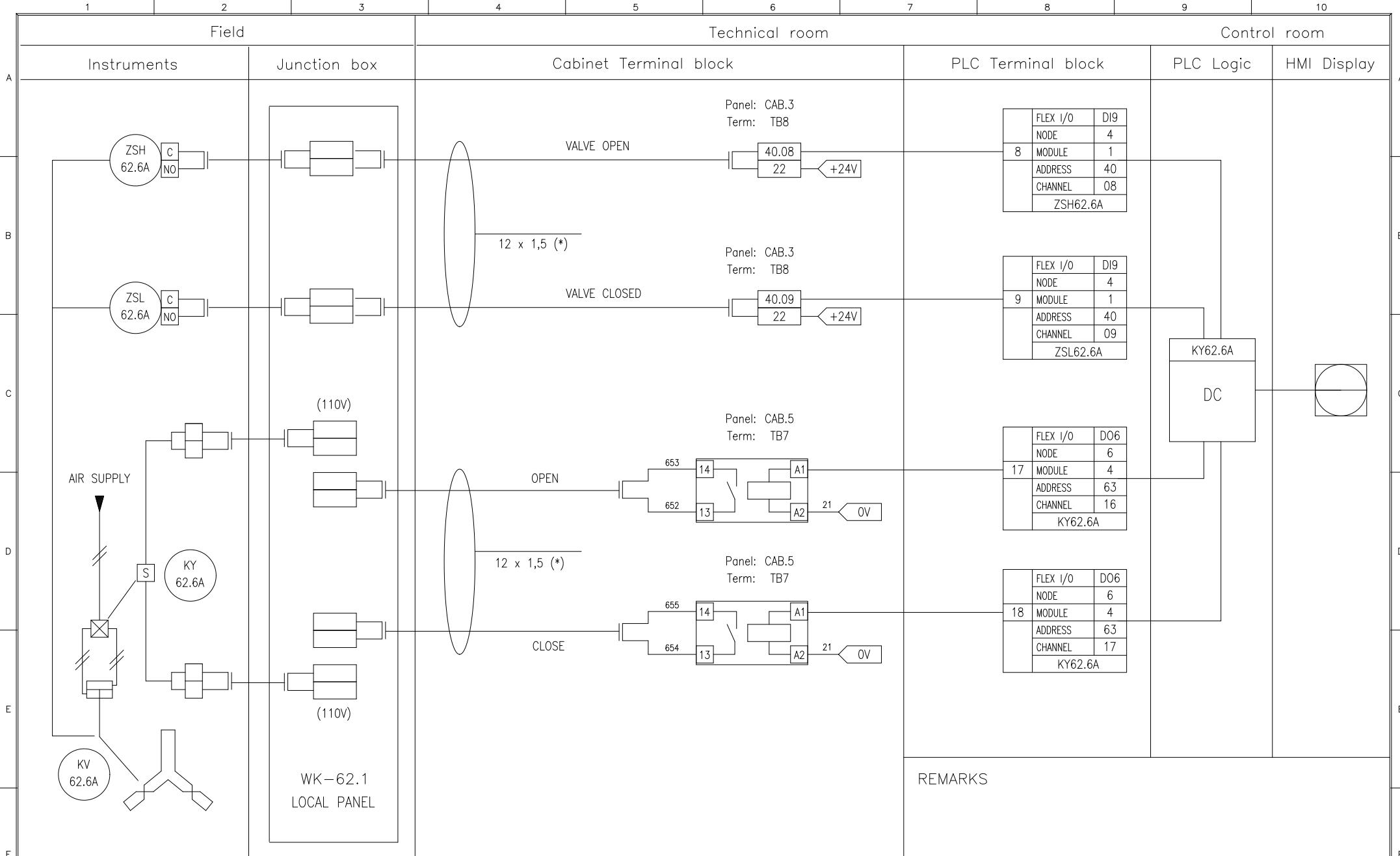












2	ISSUE AFTER TEST	03/2011	G.C.	date	01/2011
0	ISSUE FOR APPROVAL	01/2011	G.C.	check	CM
Rev.	Revision	Date	Name	stand.	SPAC9.1

SABIZ PLANT



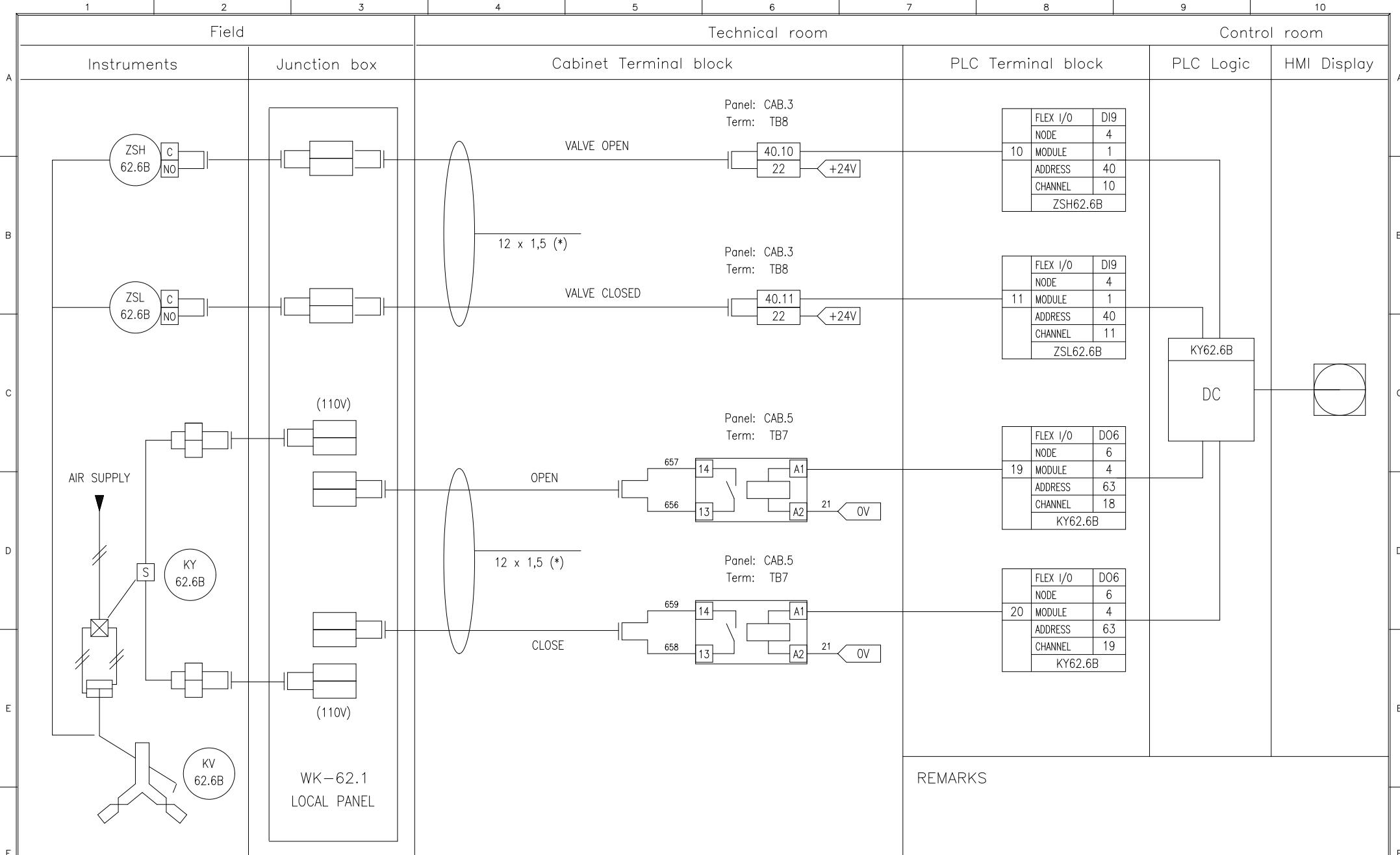
VALVE KV62.6A

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 163
164 n.sh



2	ISSUE AFTER TEST	03/2011	G.C.	date	01/2011
0	ISSUE FOR APPROVAL	01/2011	G.C.	check	CM
Rev.	Revision	Date	Name	stand.	SPAC9.1
2it. DIN 6771/Teil 5 1	2	3	4	5	6

SABIZ PLANT



VALVE KV62.6B

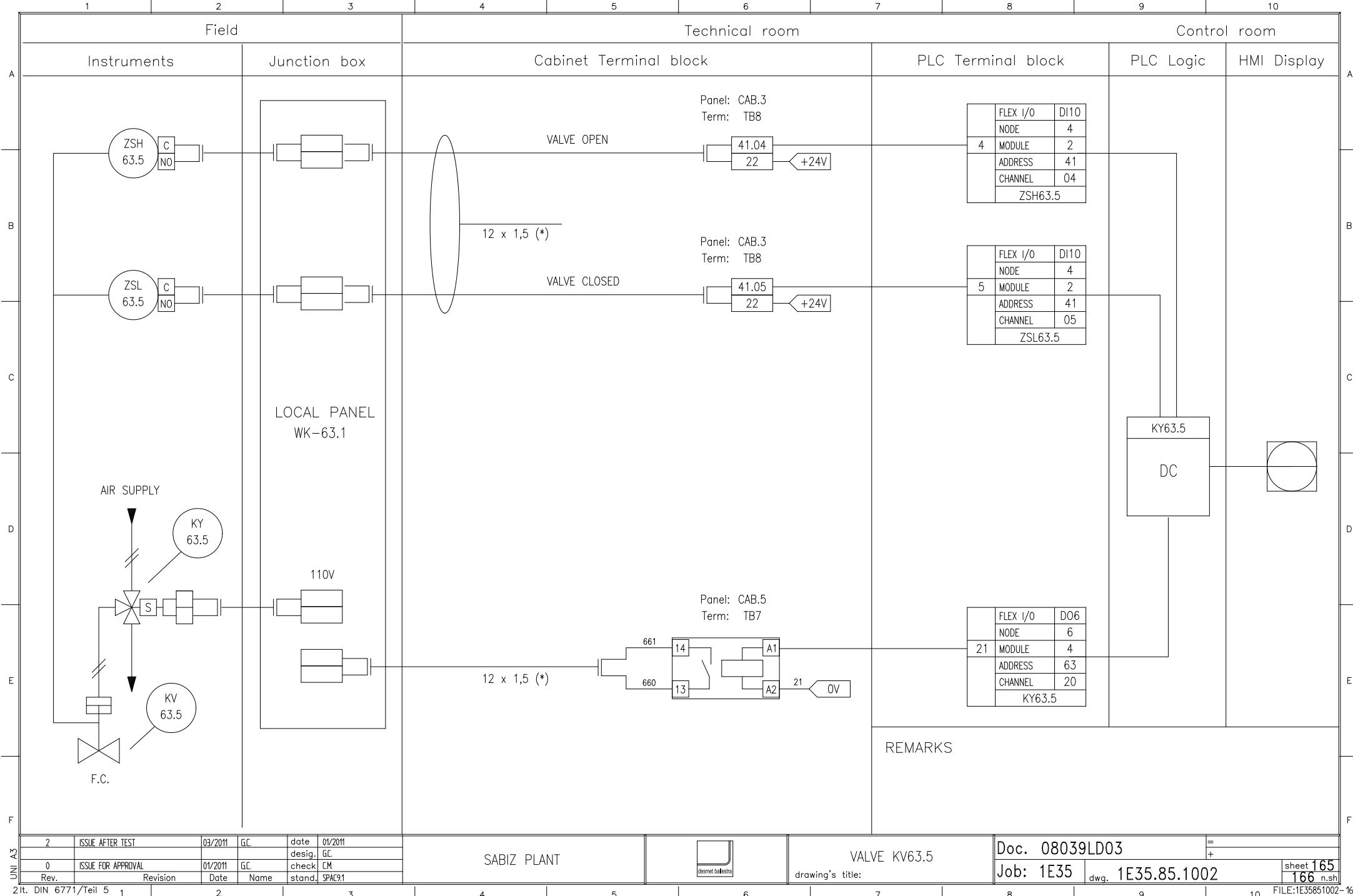
drawing's title:

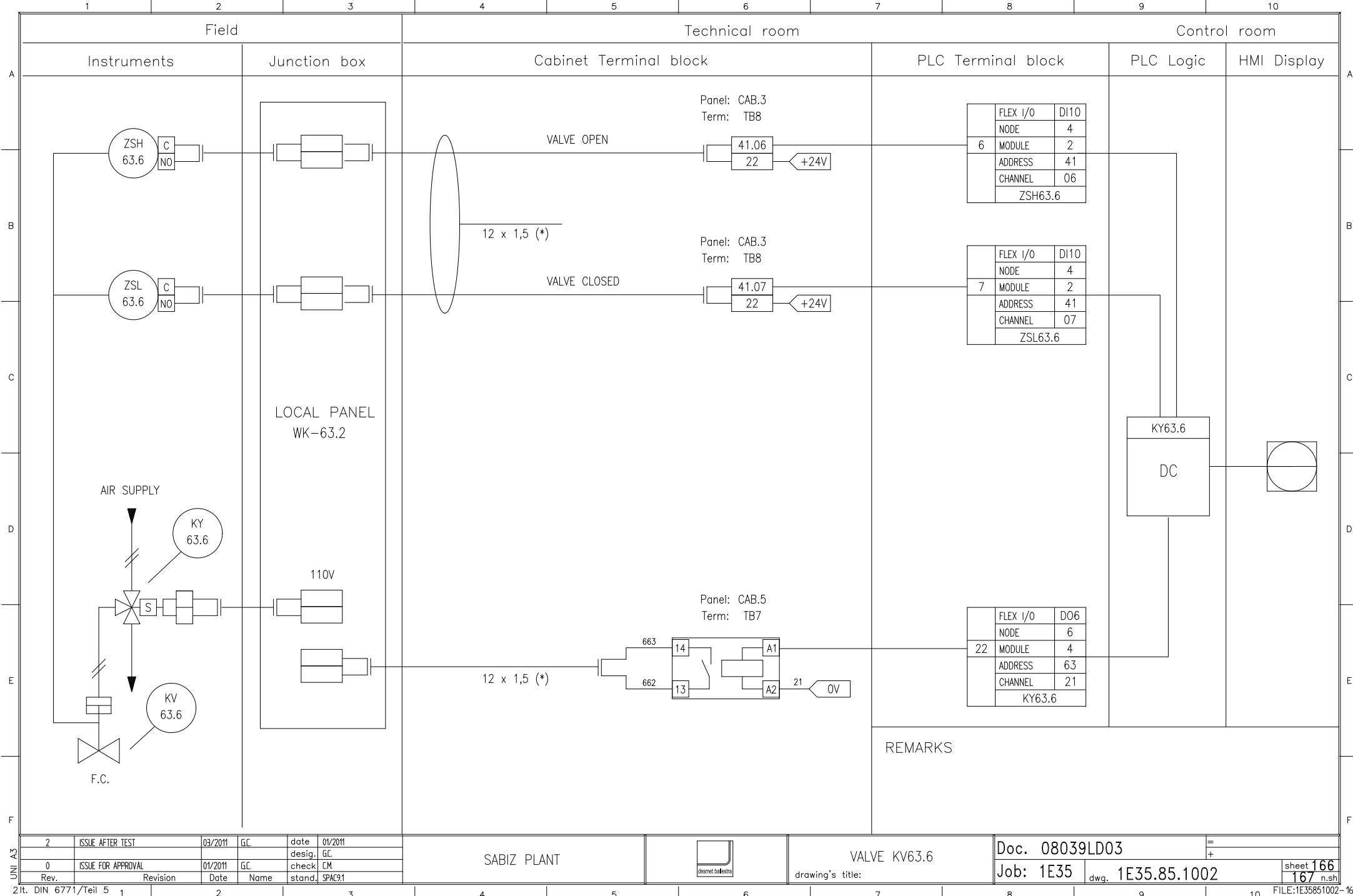
Doc. 08039LD03

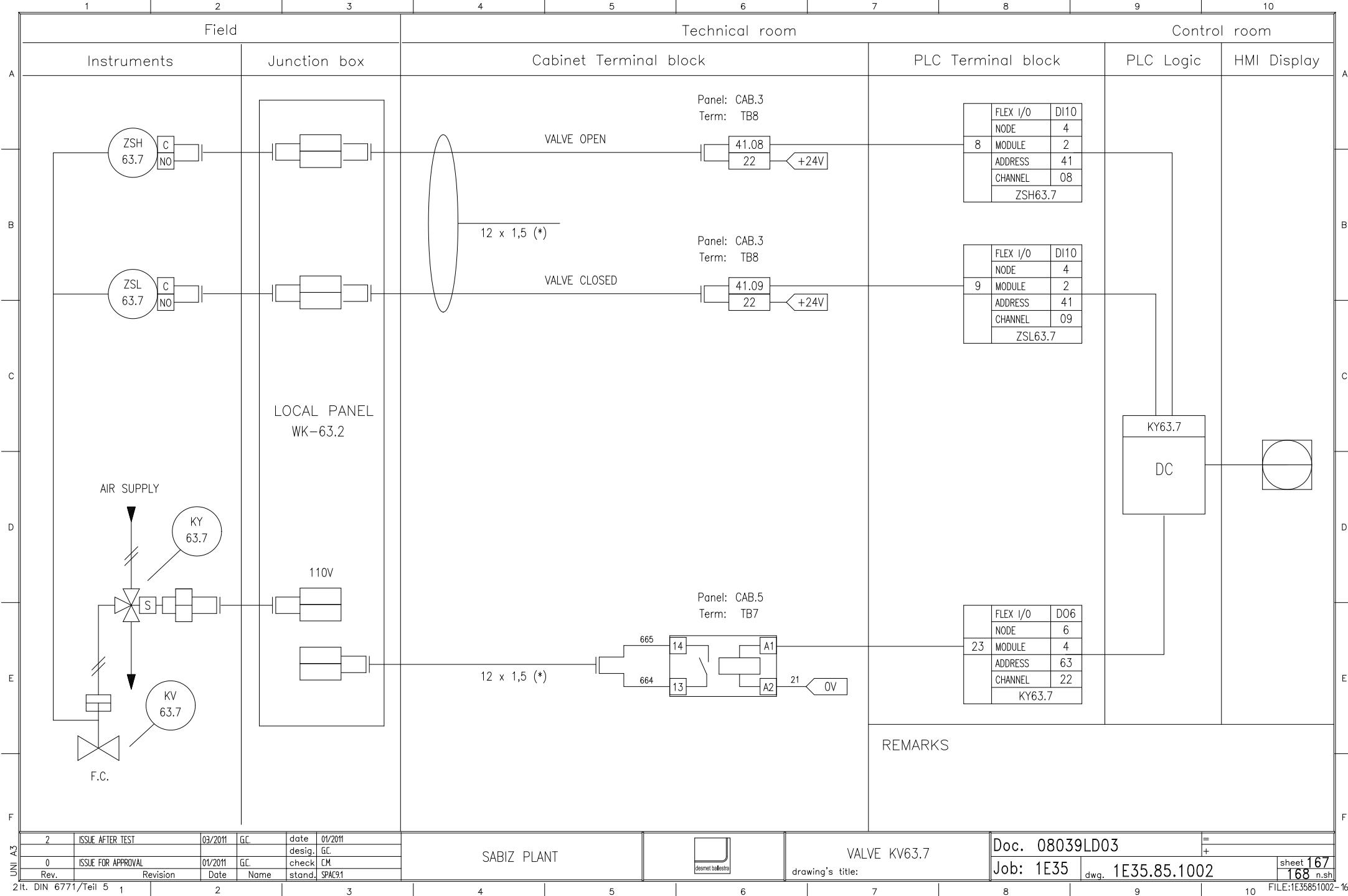
Job: 1E35 dwg. 1E35.85.1002

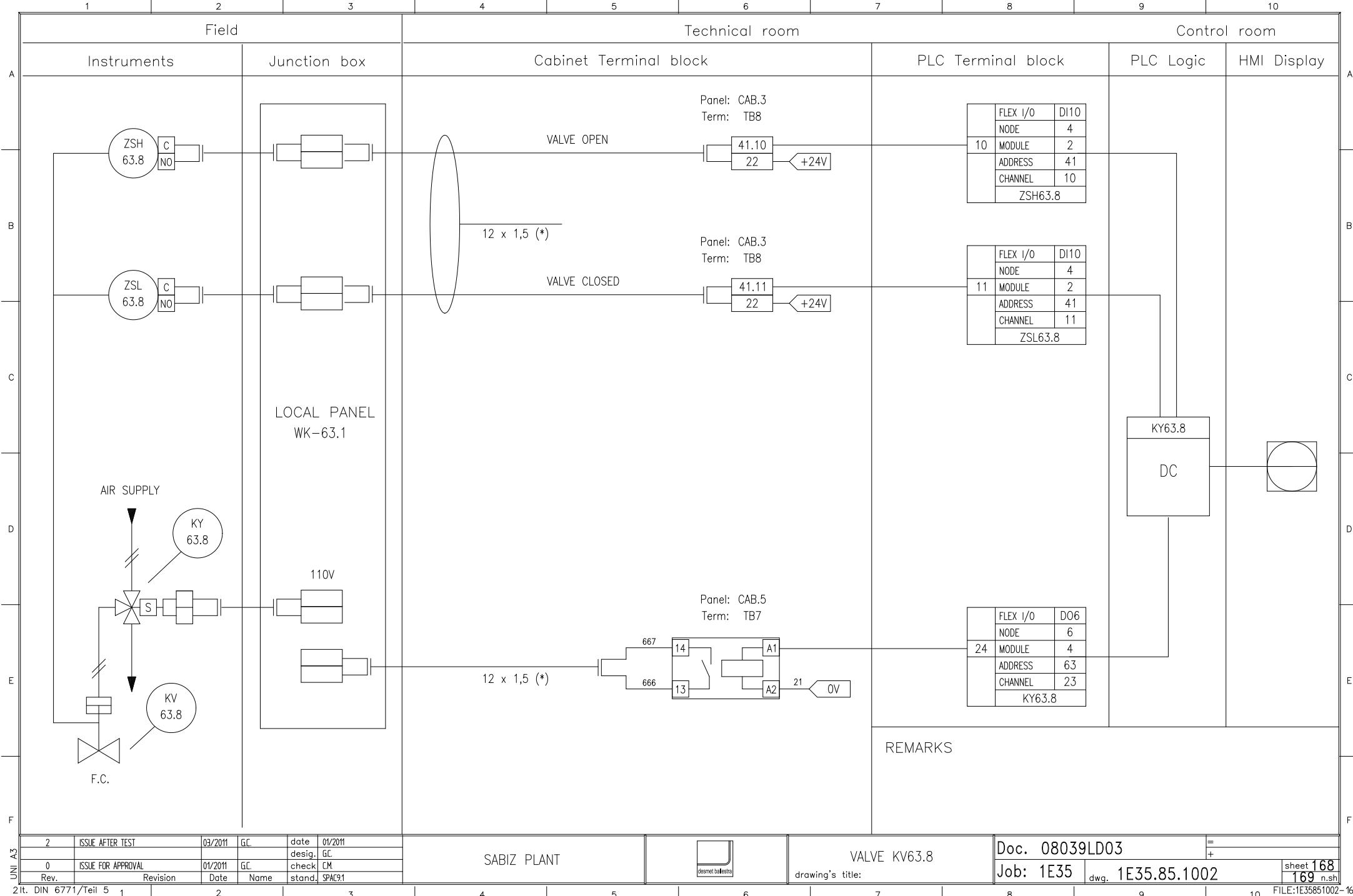
sheet 164
165 n.sh

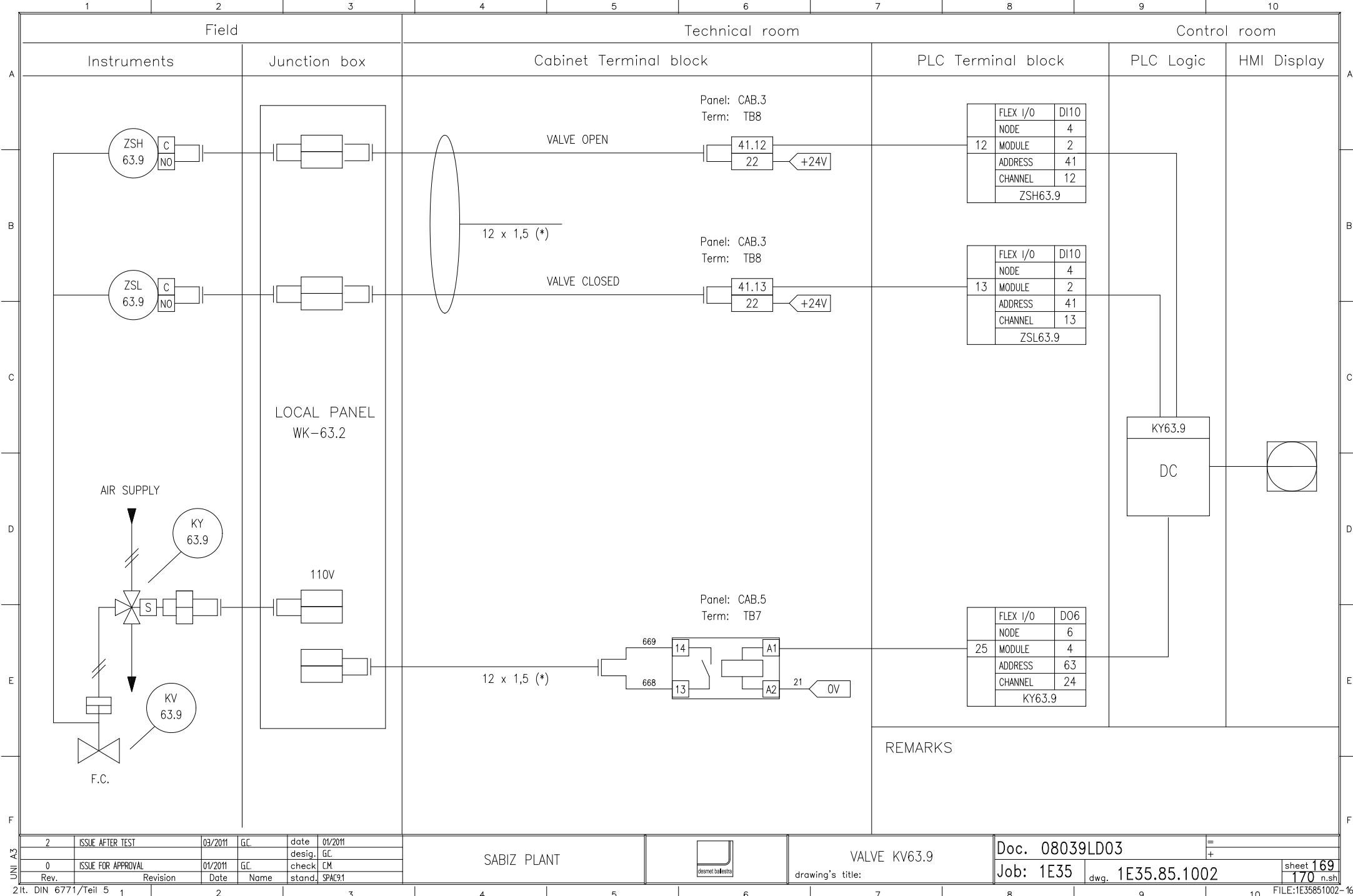
FILE:1E35851002-164

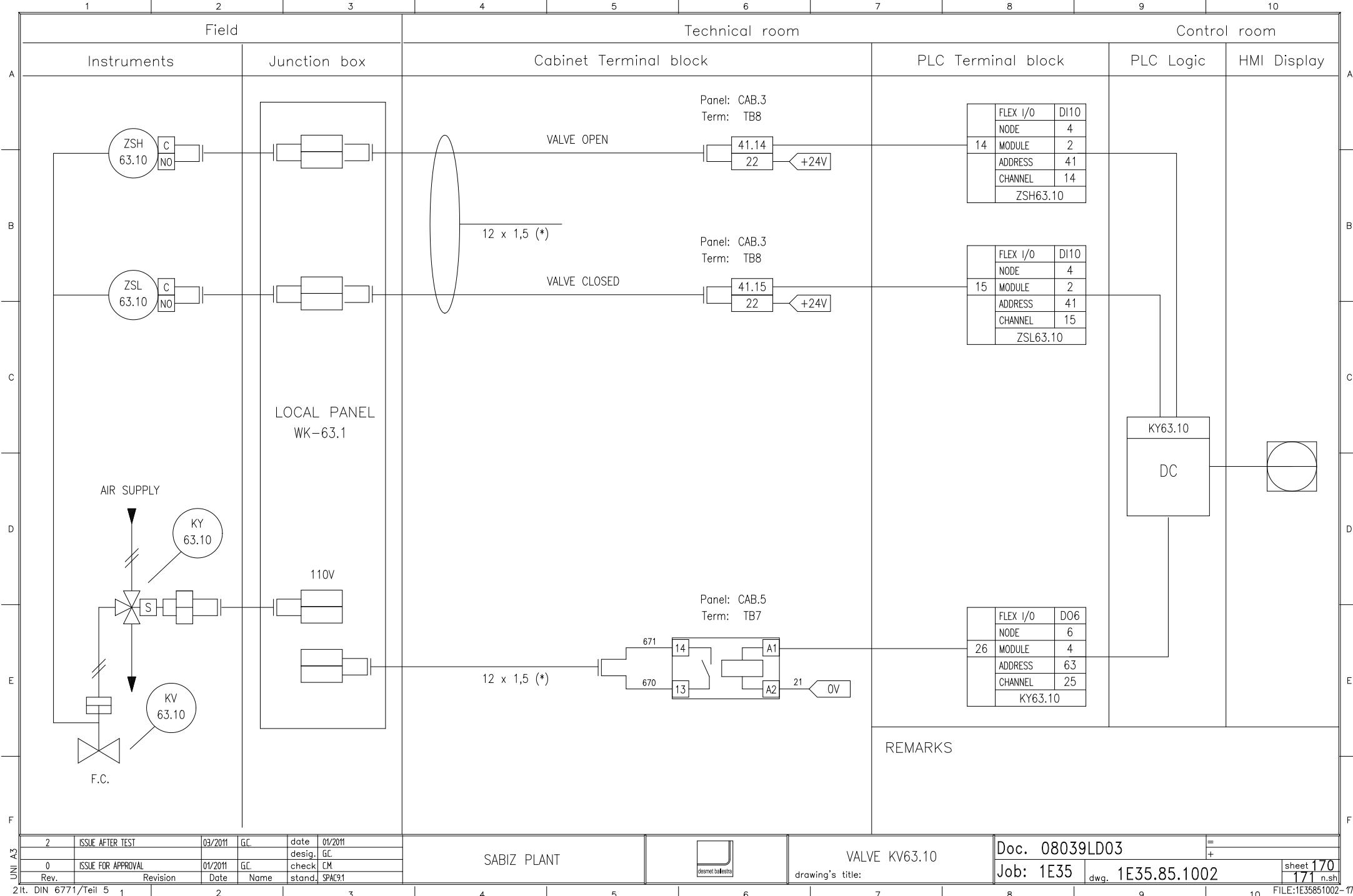


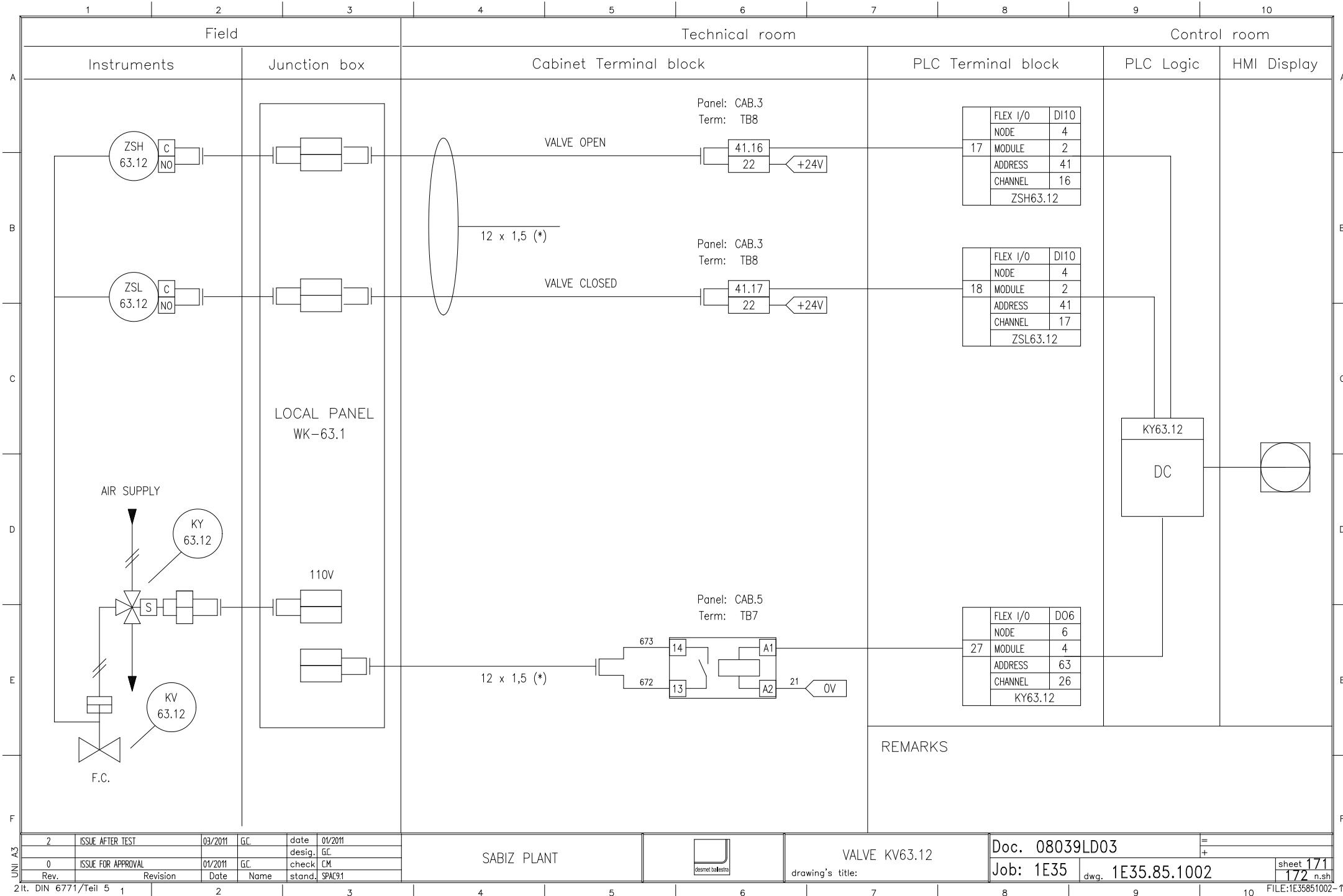


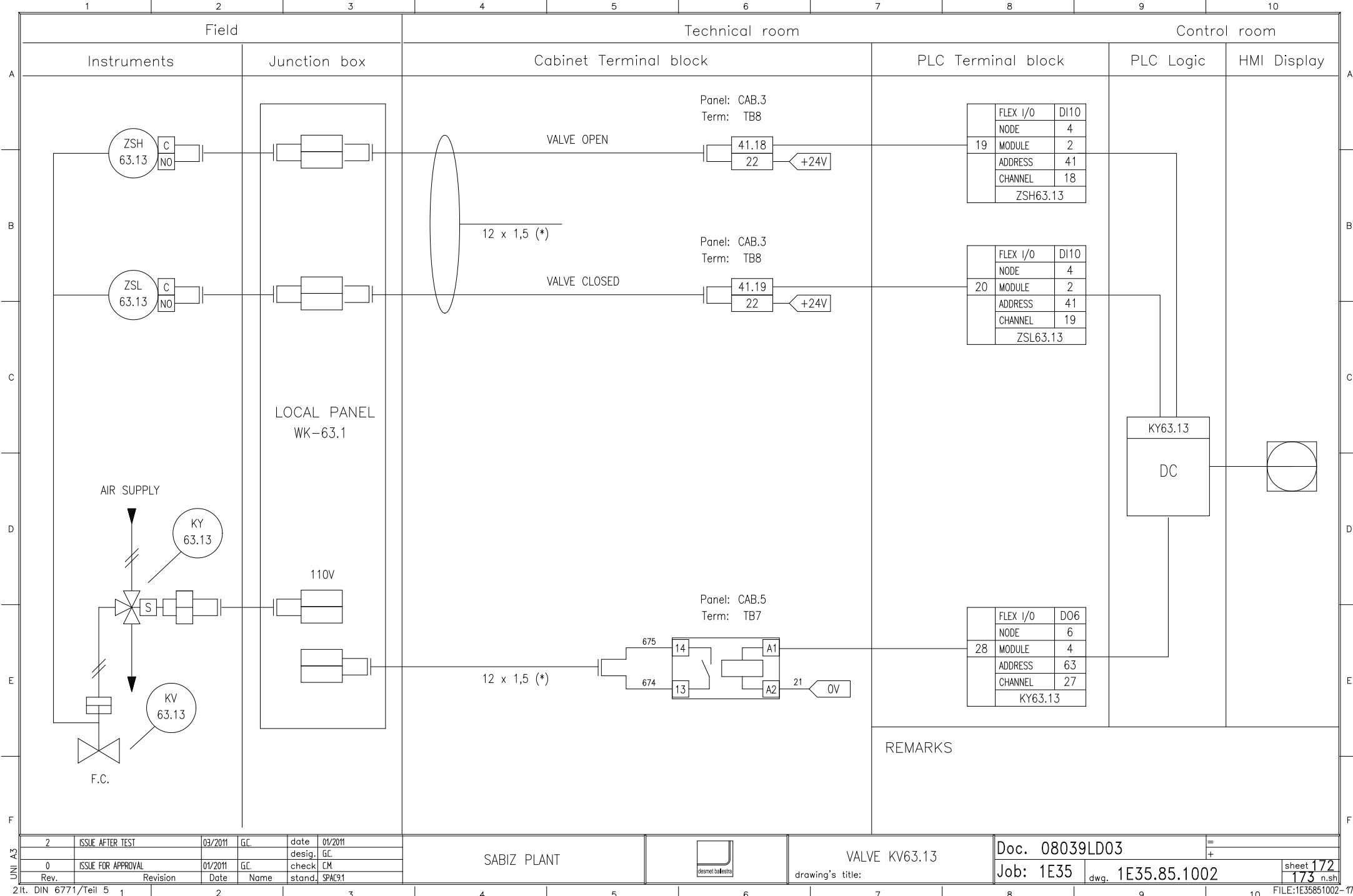


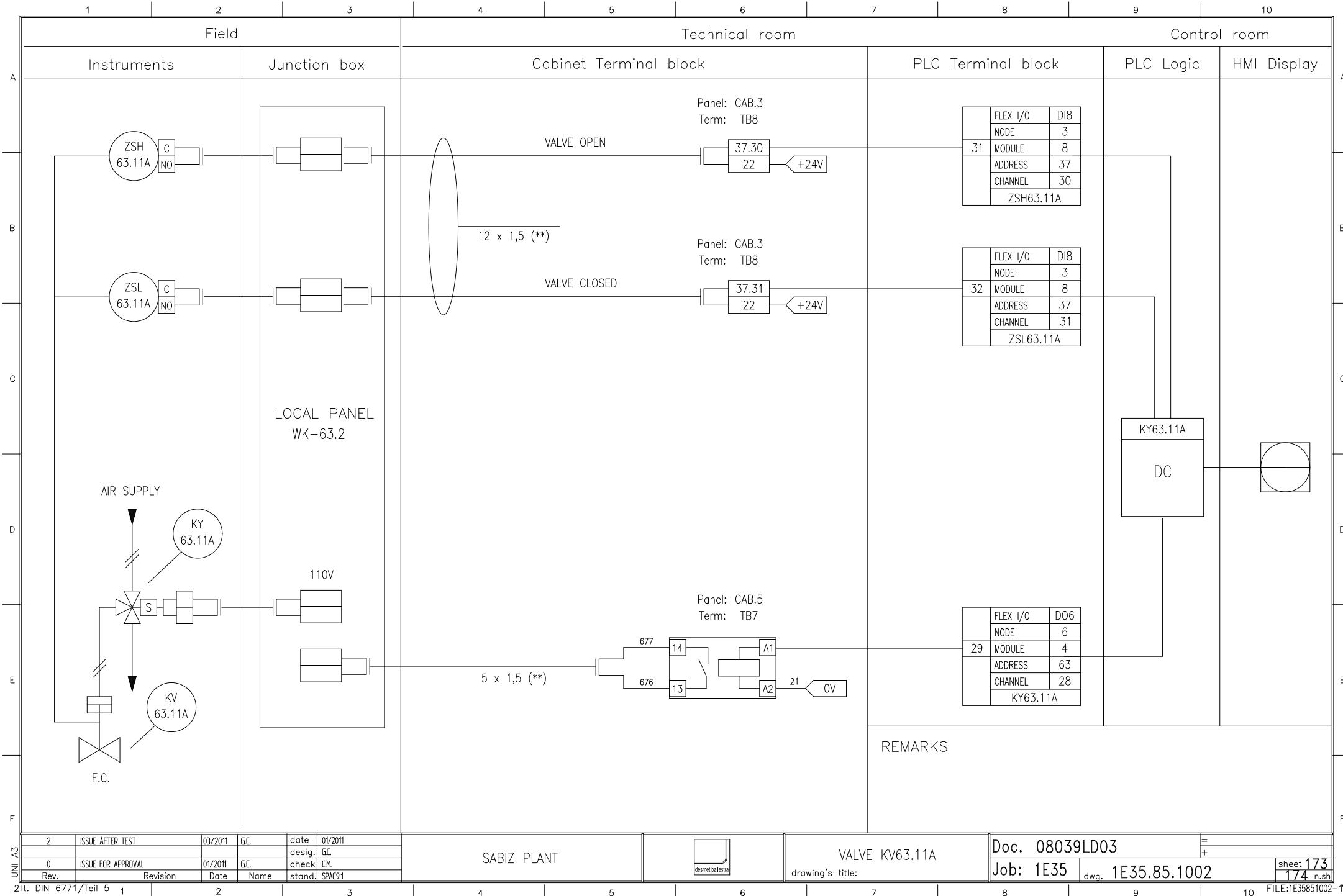












UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	03/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	desig.	GC
	Rev.	Revision	Date	Name	check	CM
2	DIN 6771/Teil 5				stand	SPAC91

SABIZ PLANT

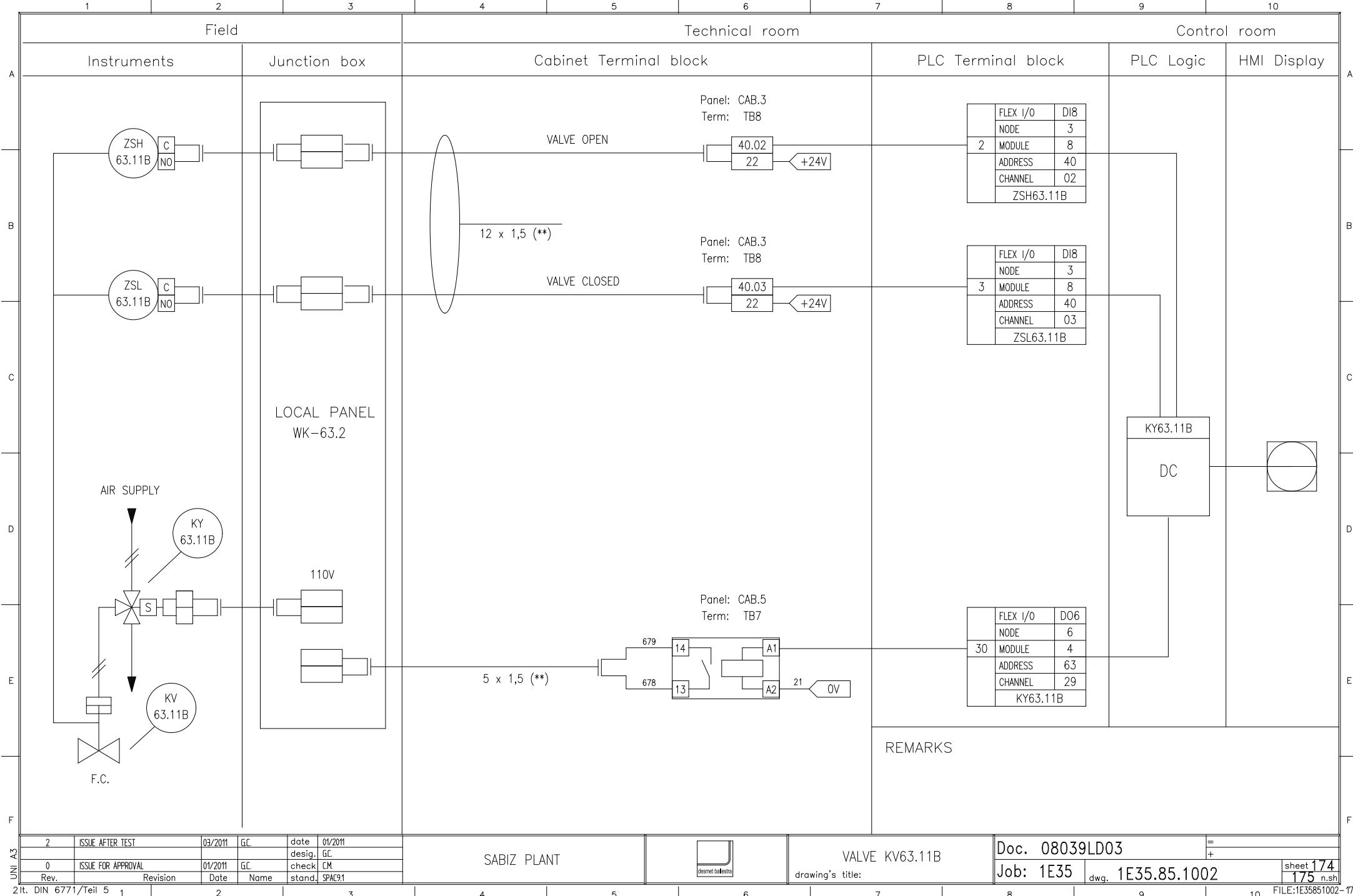


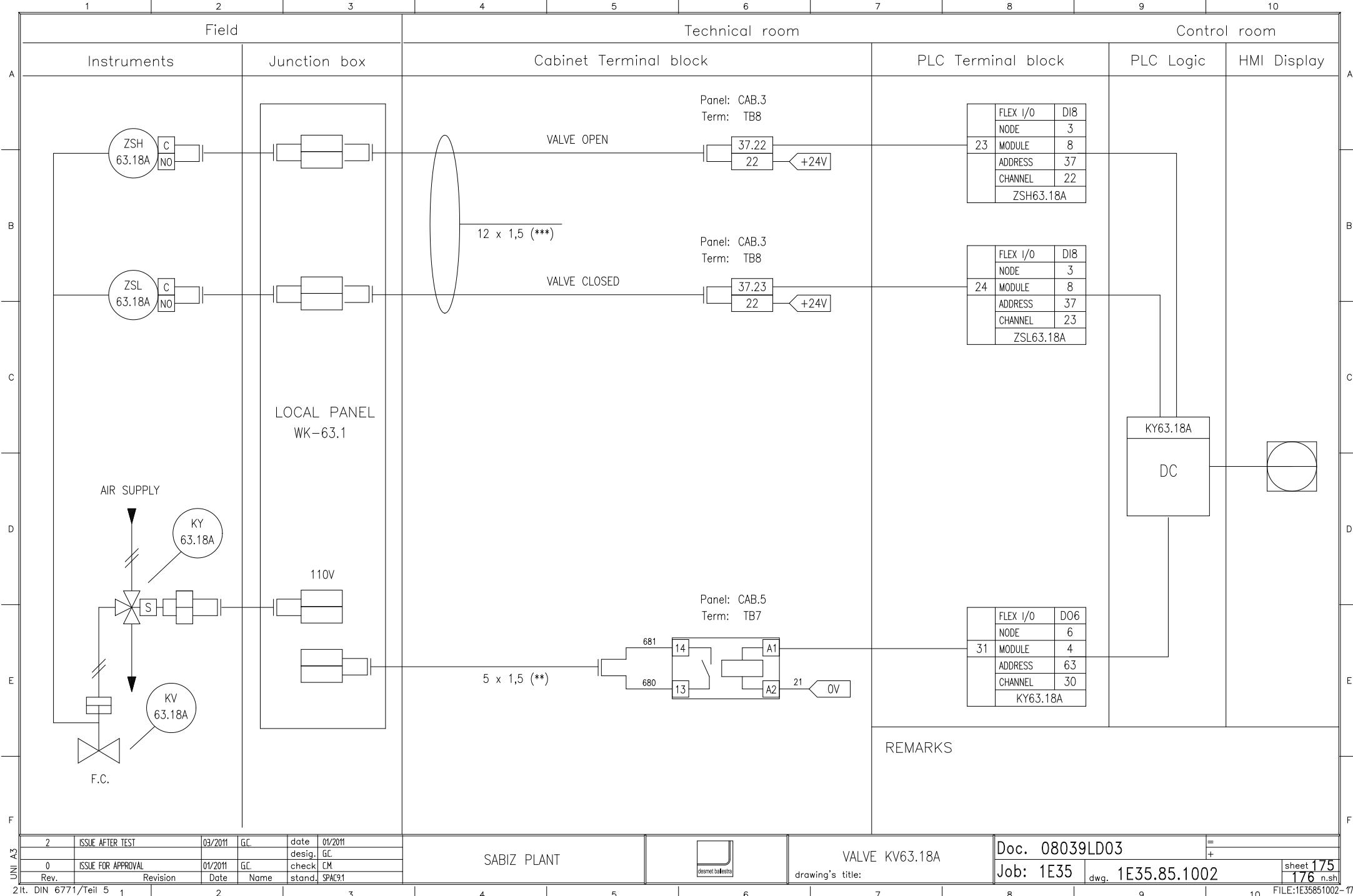
VALVE KV63.11A

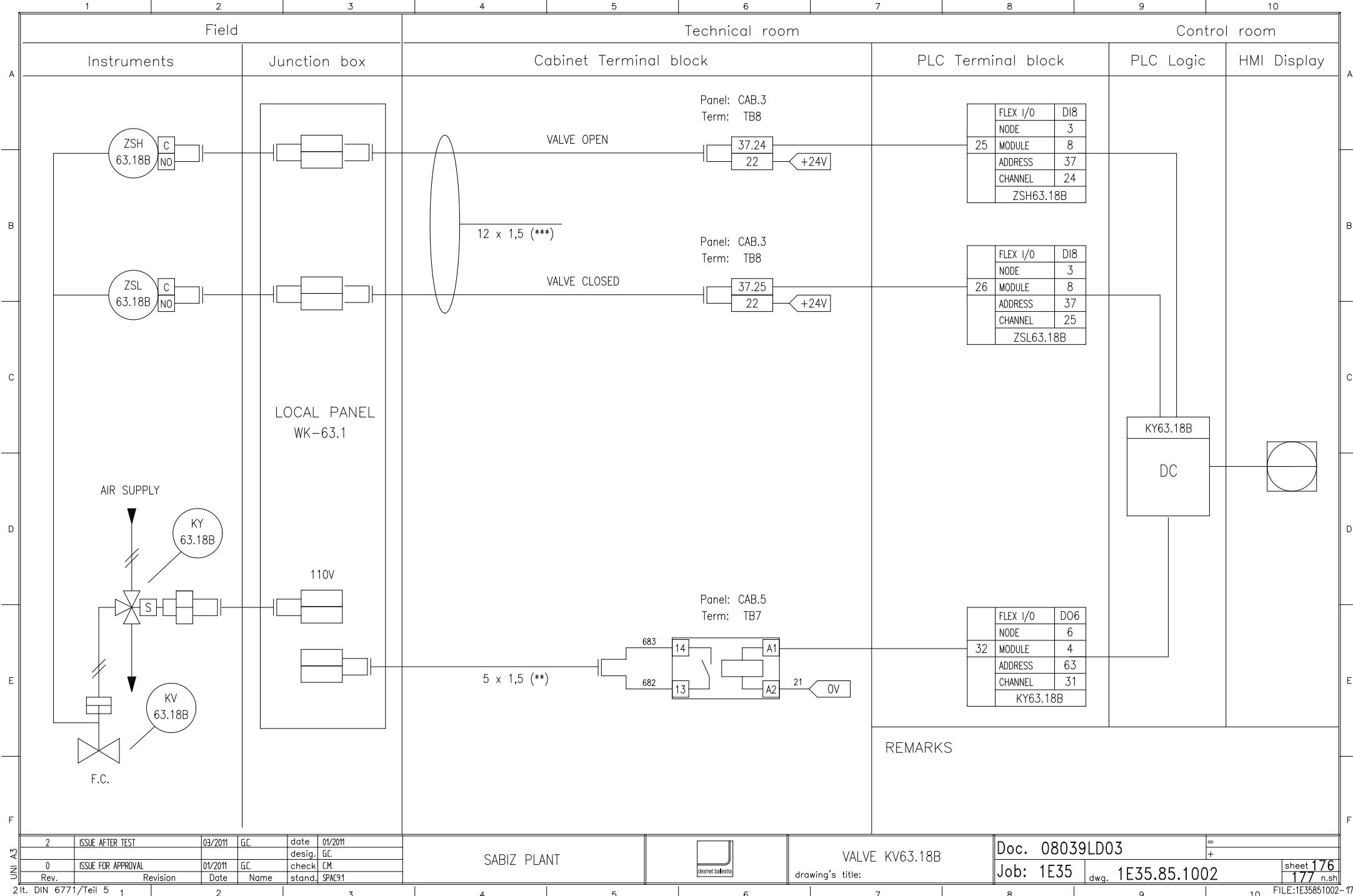
Doc. 08039LD03

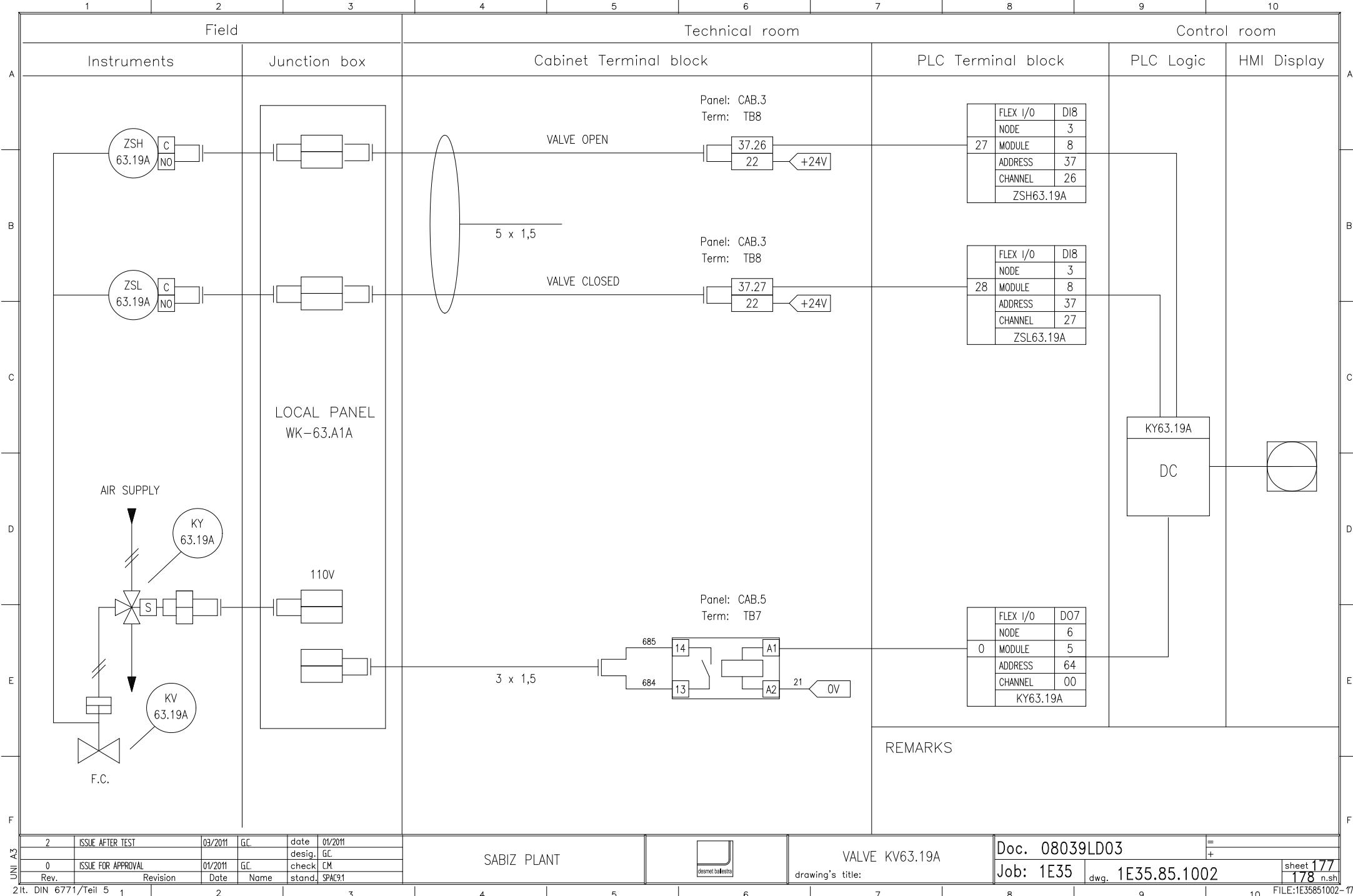
Job: 1E35 dwg. 1E35.85.1002

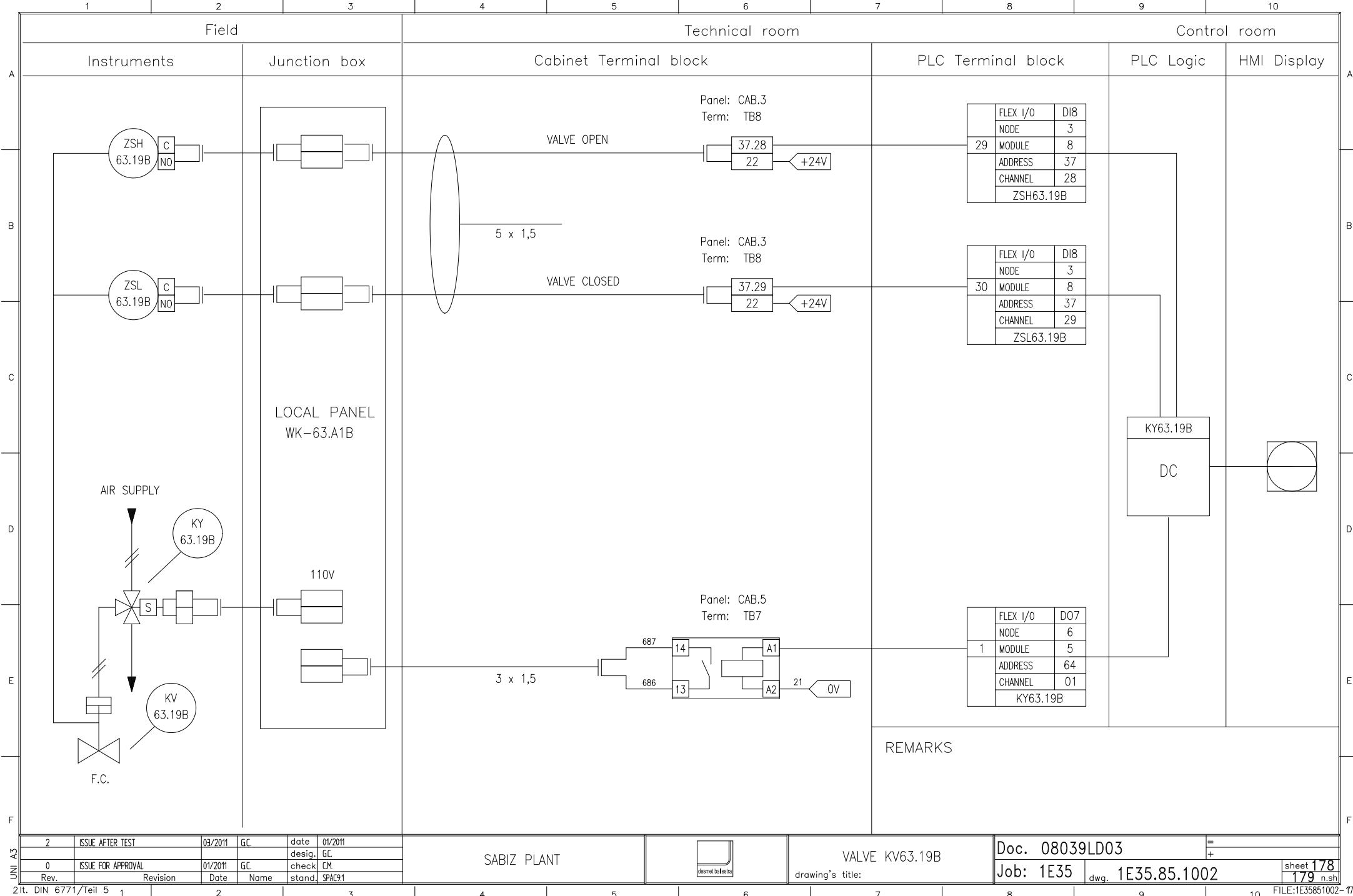
sheet
17











1

2

3

4

5

6

7

8

9

10

Technical room

Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

A

B

B

C

C

D

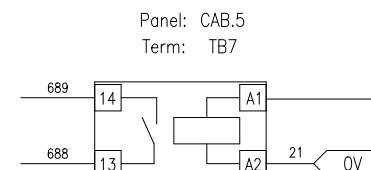
D

E

E

F

F



	FLEX I/O	D07
	NODE	6
2	MODULE	5
	ADDRESS	64
	CHANNEL	02

REMARKS

NEXT SHEET : 183

UNI

A3

date 01/2011

desig. GC

0 ISSUE FOR APPROVAL

01/2011

check CM

Rev. 0

Revision

Date

Name

stand. SPAC9.1

SABIZ PLANT



SPARE DIGITAL OUTPUT

Doc. 08039LD03

Job: 1E35

dwg. 1E35.85.1002

sheet 179

183 n.sh

2it. DIN 6771/Teil 5 1

2

3

4

5

6

7

8

9

10

FILE:1E35.85.1002-179

1

2

3

4

5

6

7

8

9

10

Technical room

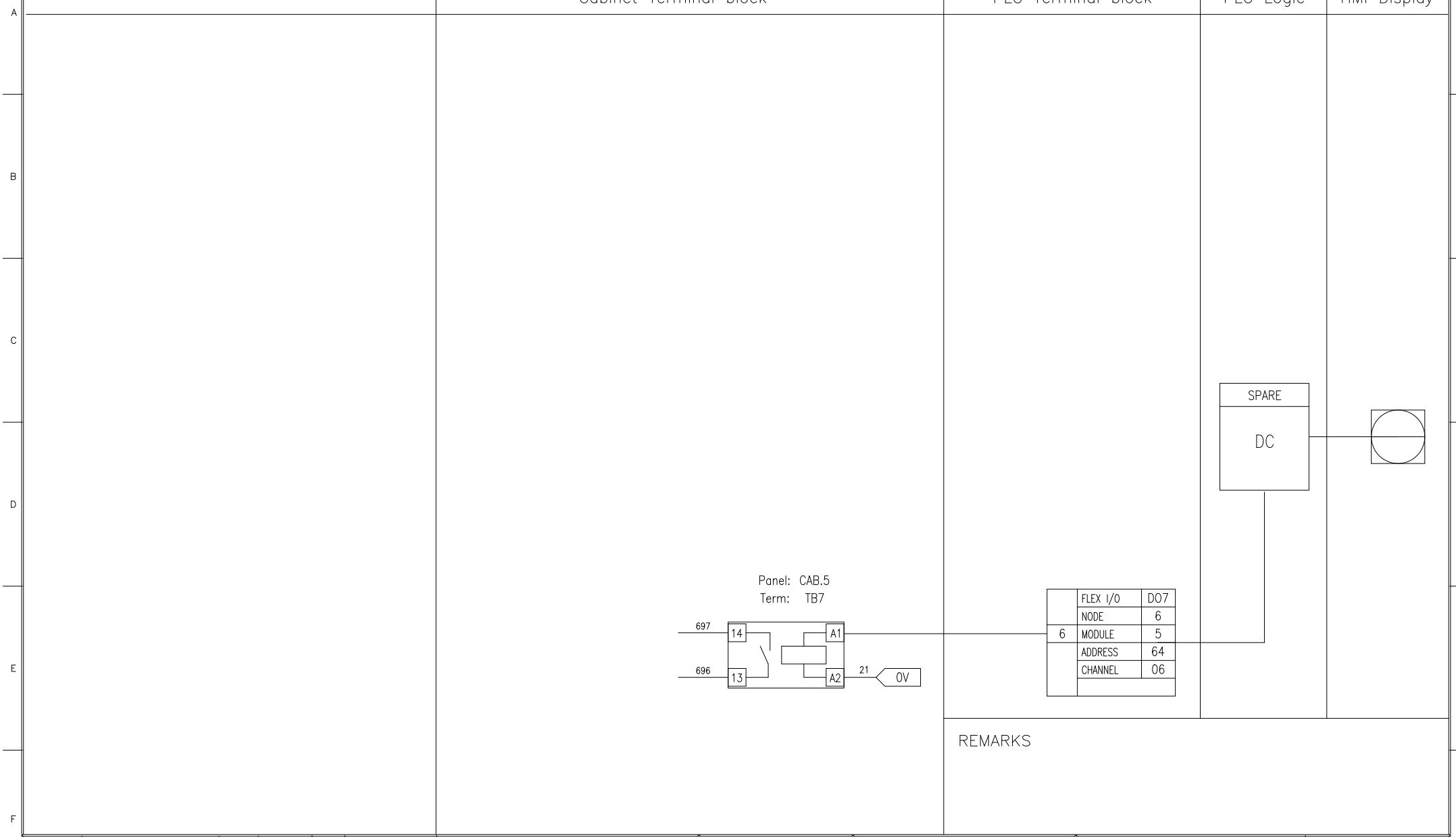
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



UNI A3					date 01/2011
					desig. GC
0	ISSUE FOR APPROVAL	01/2011	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1

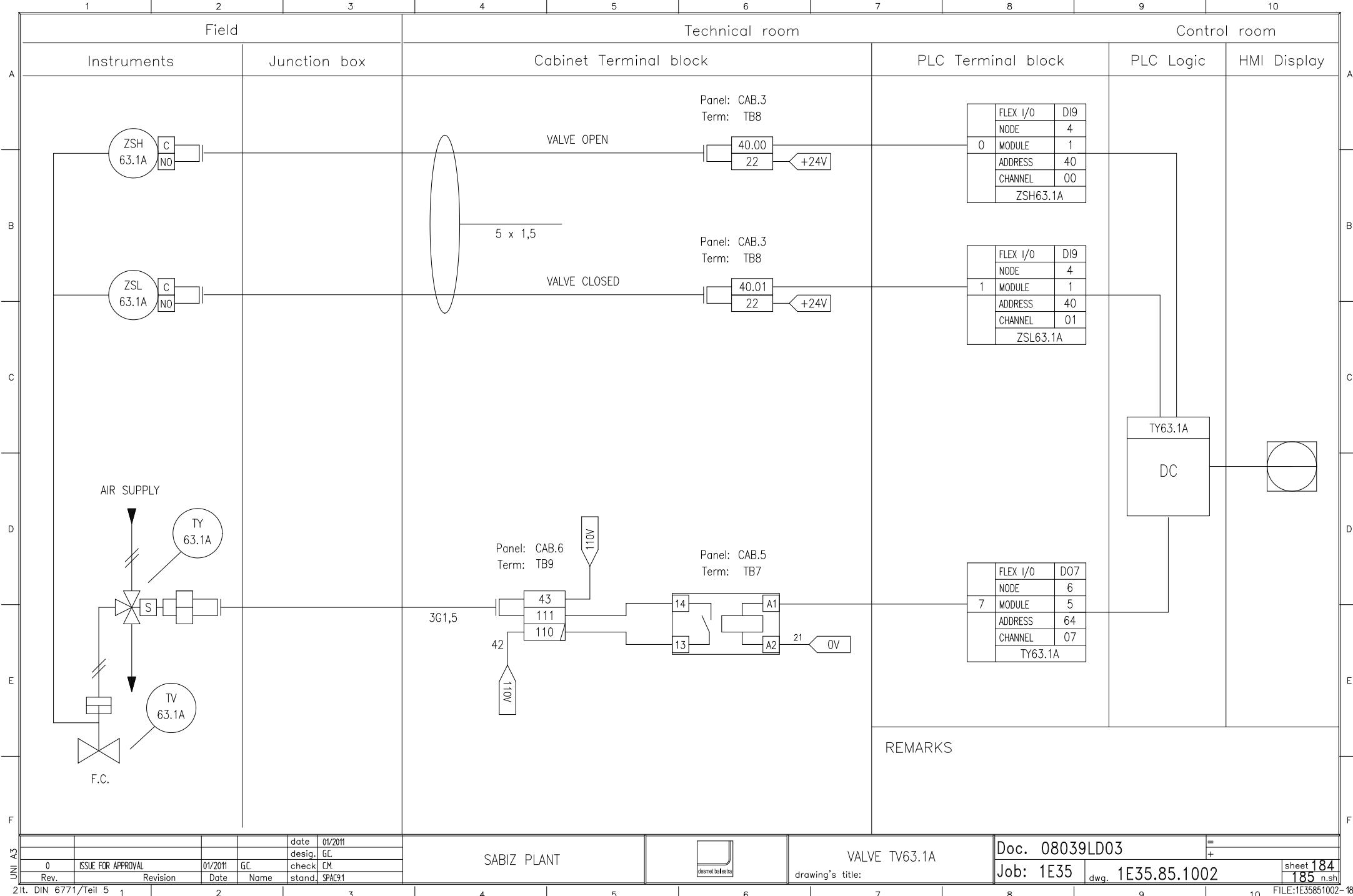
SABIZ PLANT

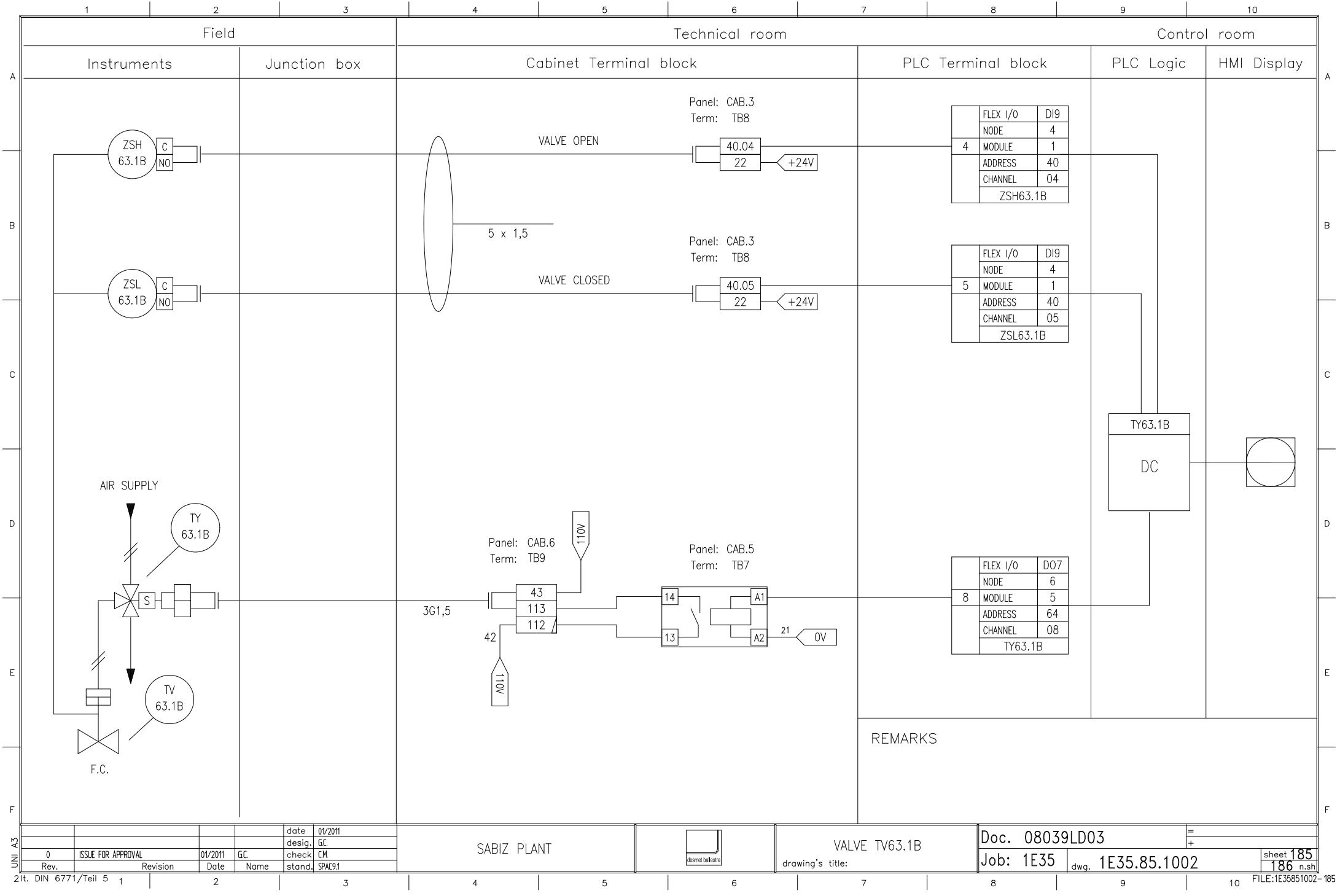
SPARE DIGITAL OUTPUT
drawing's title:

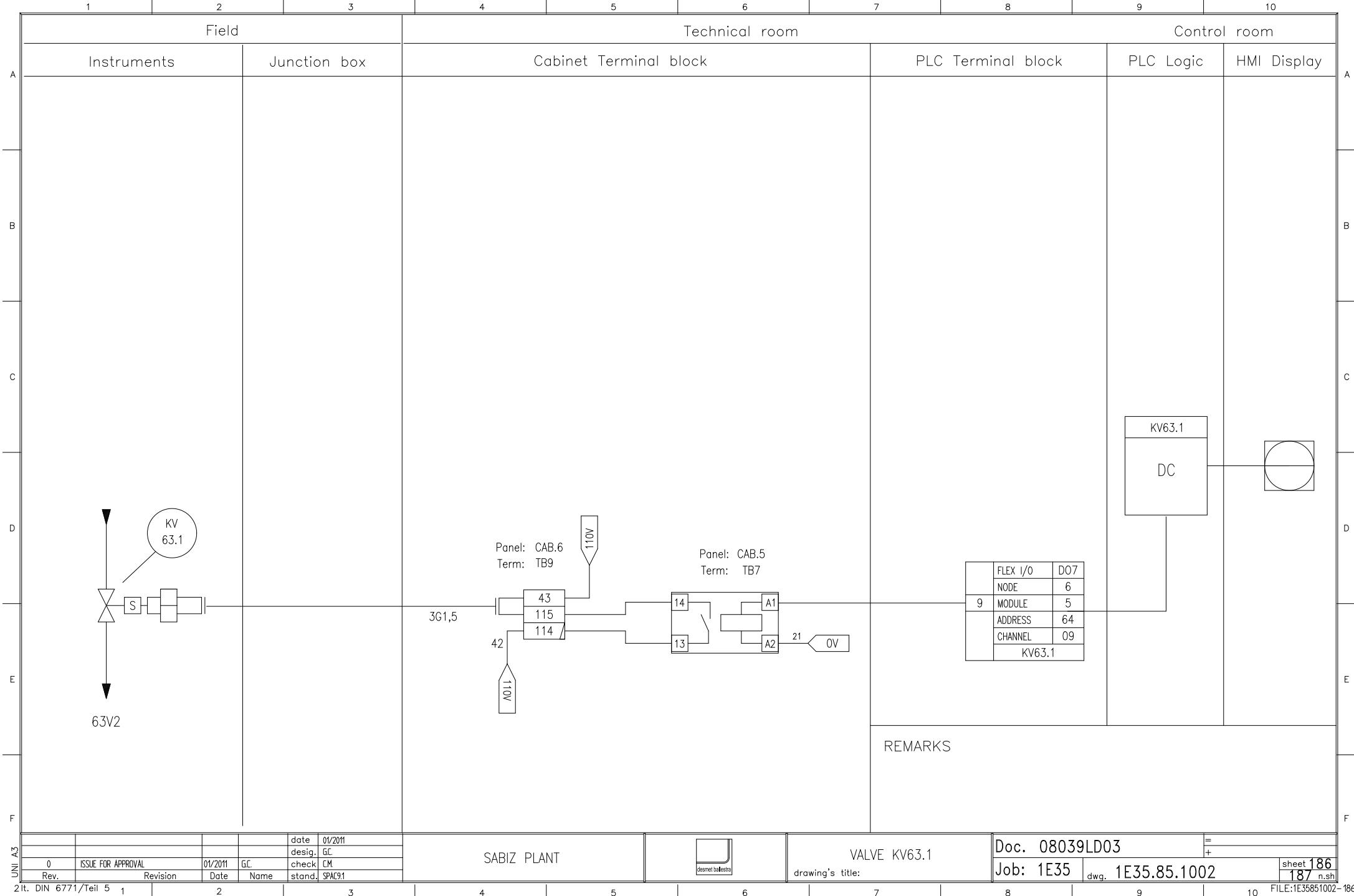
Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 183
184 n.sh





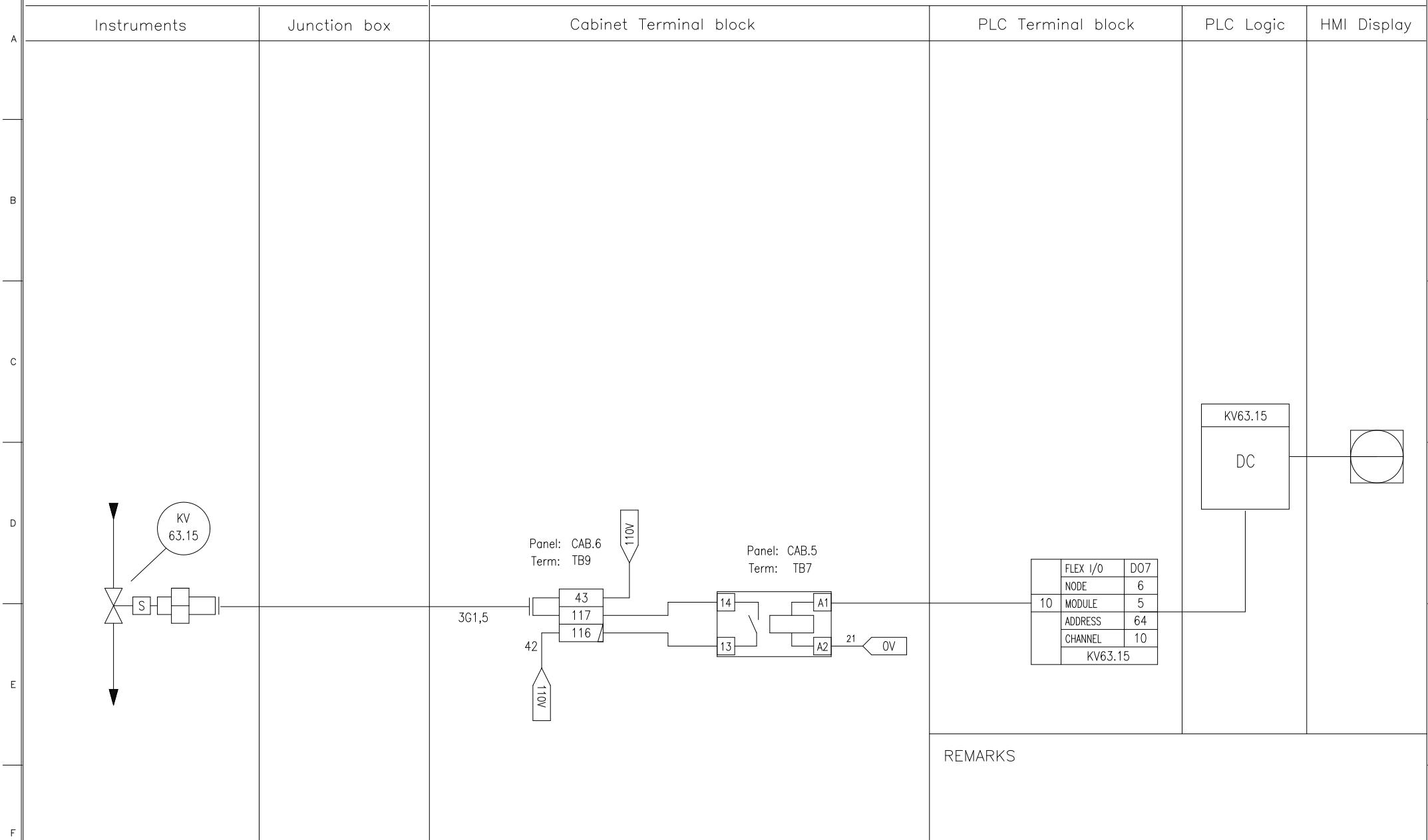


1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC9.1	

SABIZ PLANT



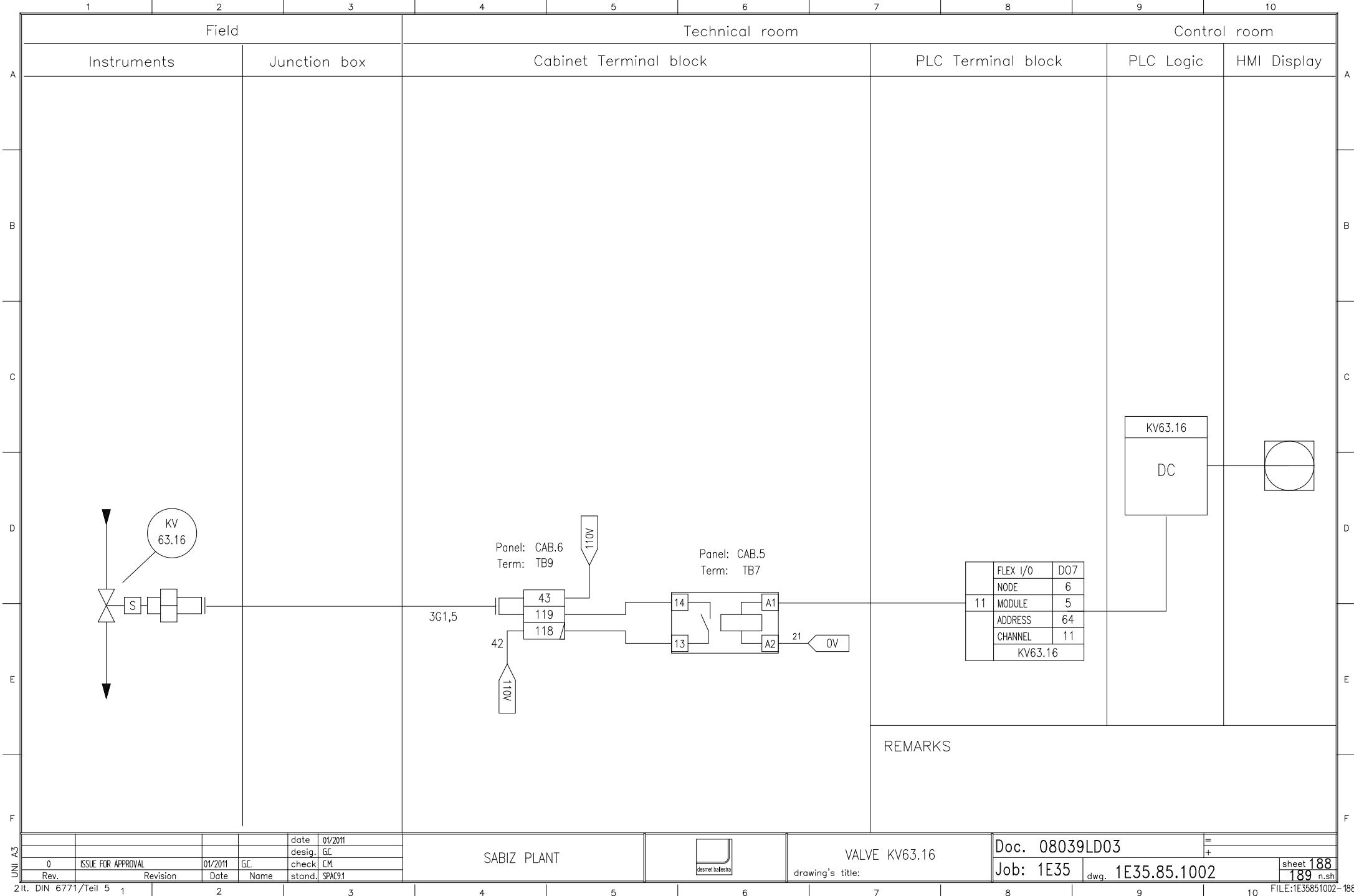
VALVE KV63.15

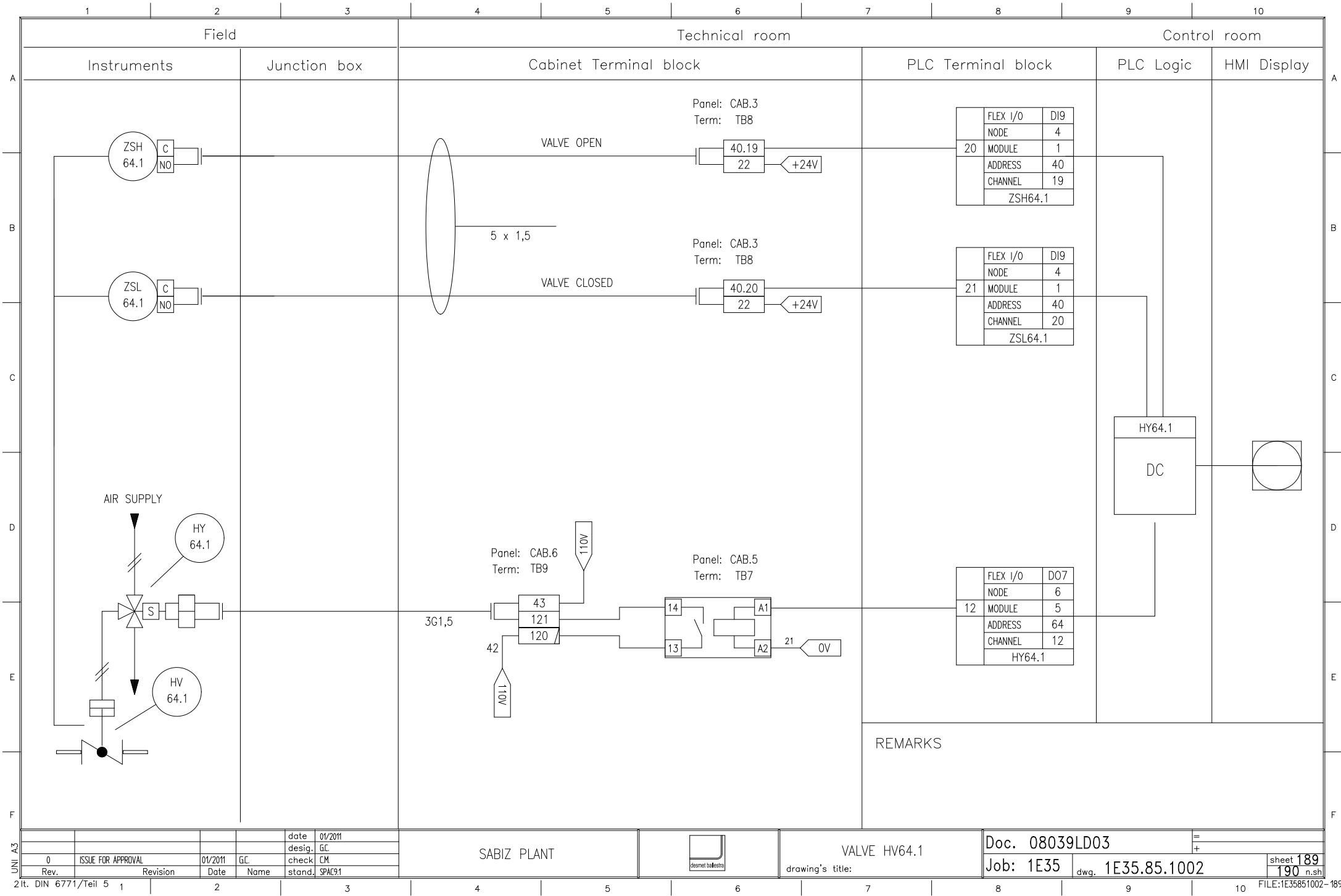
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 187
188 n.sh





2lt. DIN 6771/Teil 5 1 | 2 |

SABIZ PLANT



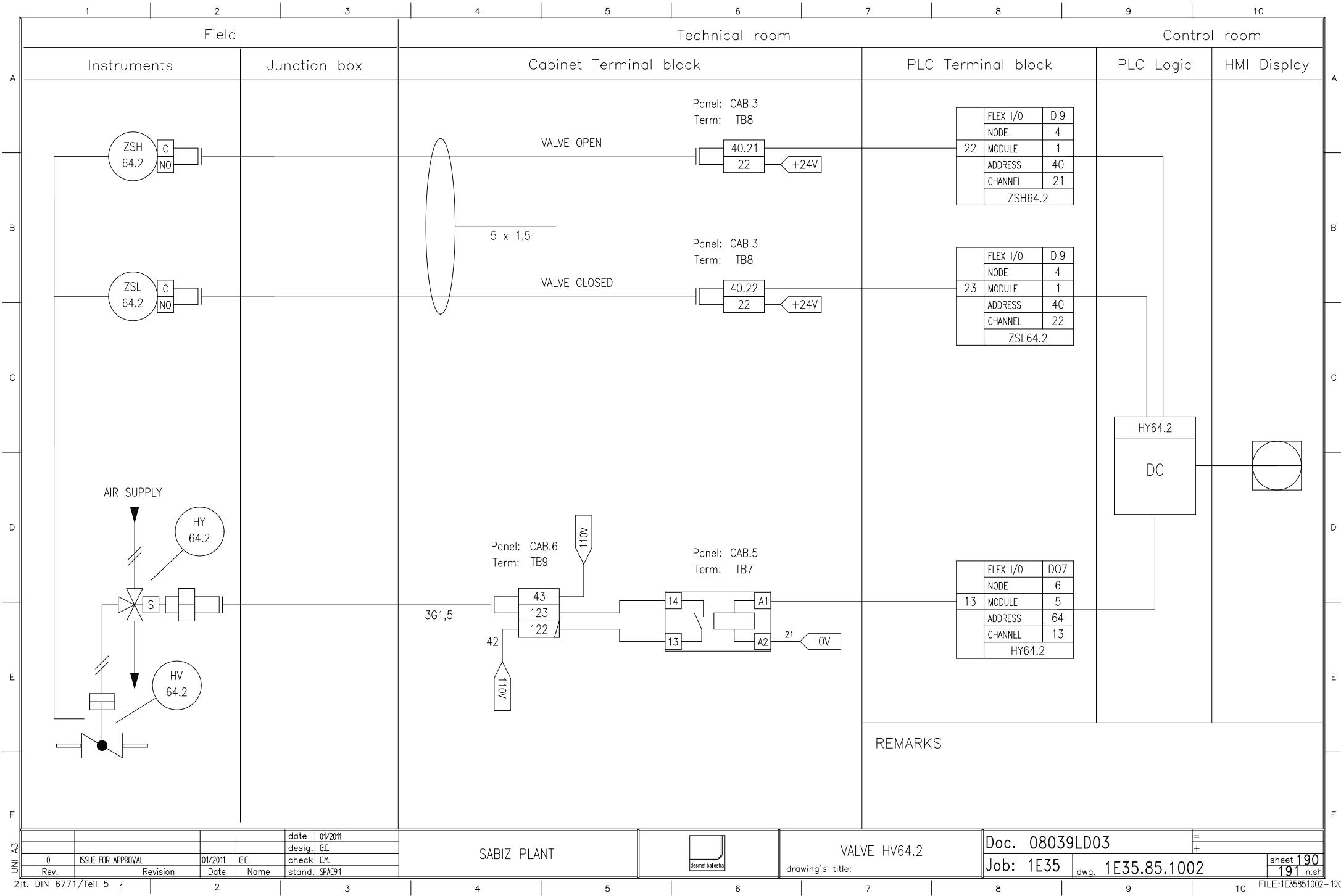
VALVE HV64.1

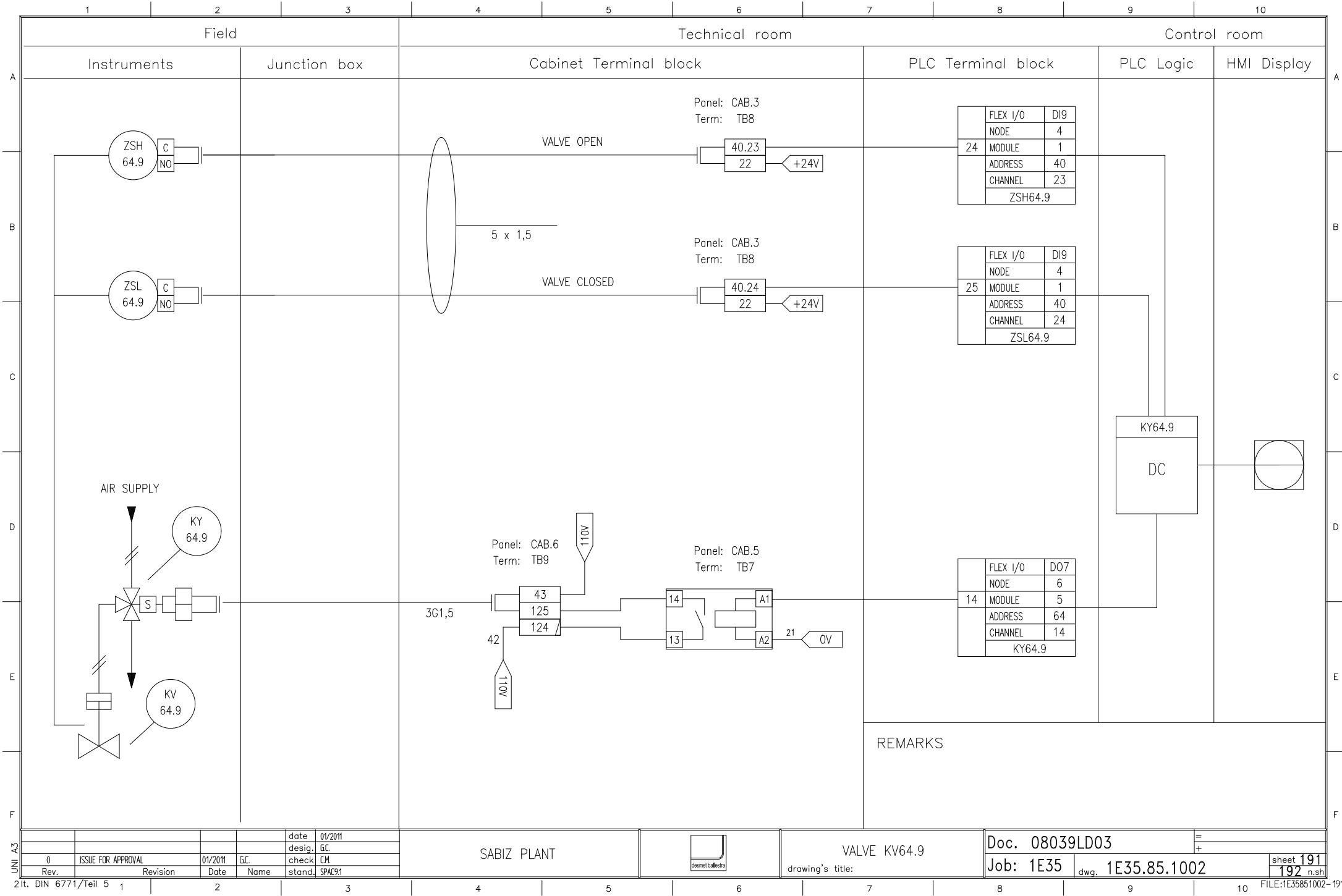
Doc. 08039LD03

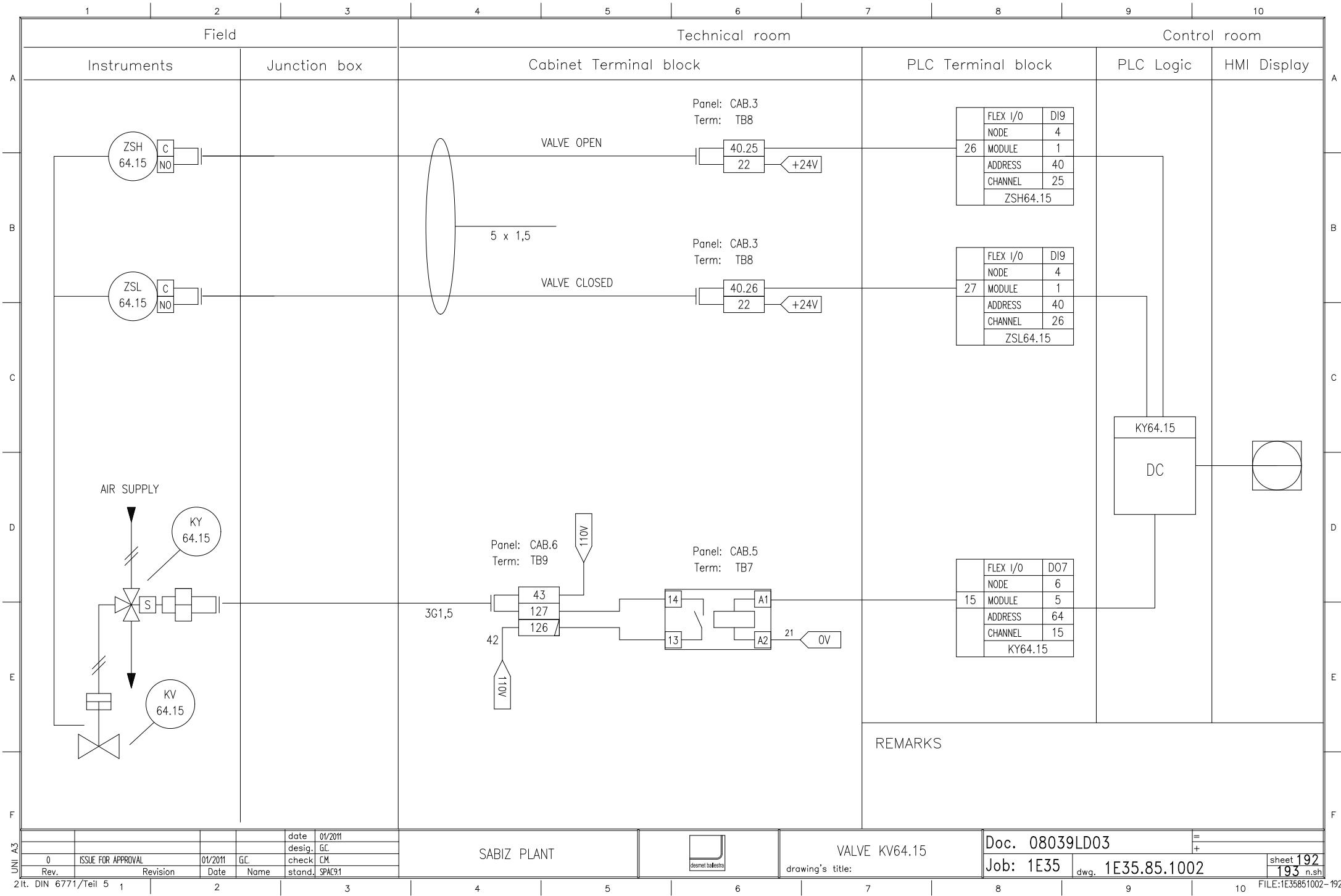
Job: 1E35 dwg. 1E35.85.1002

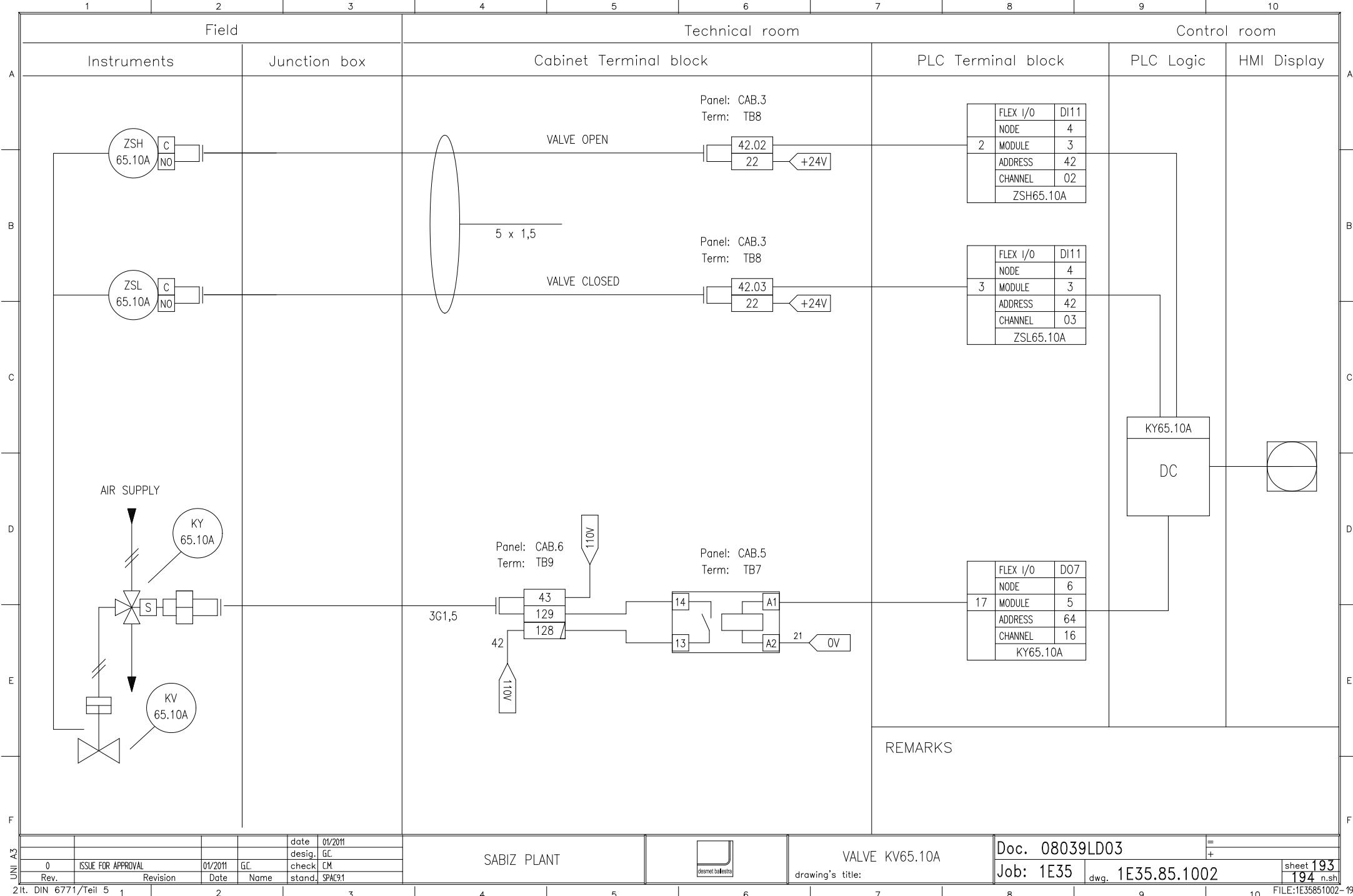
sheet 189
190 n.sh

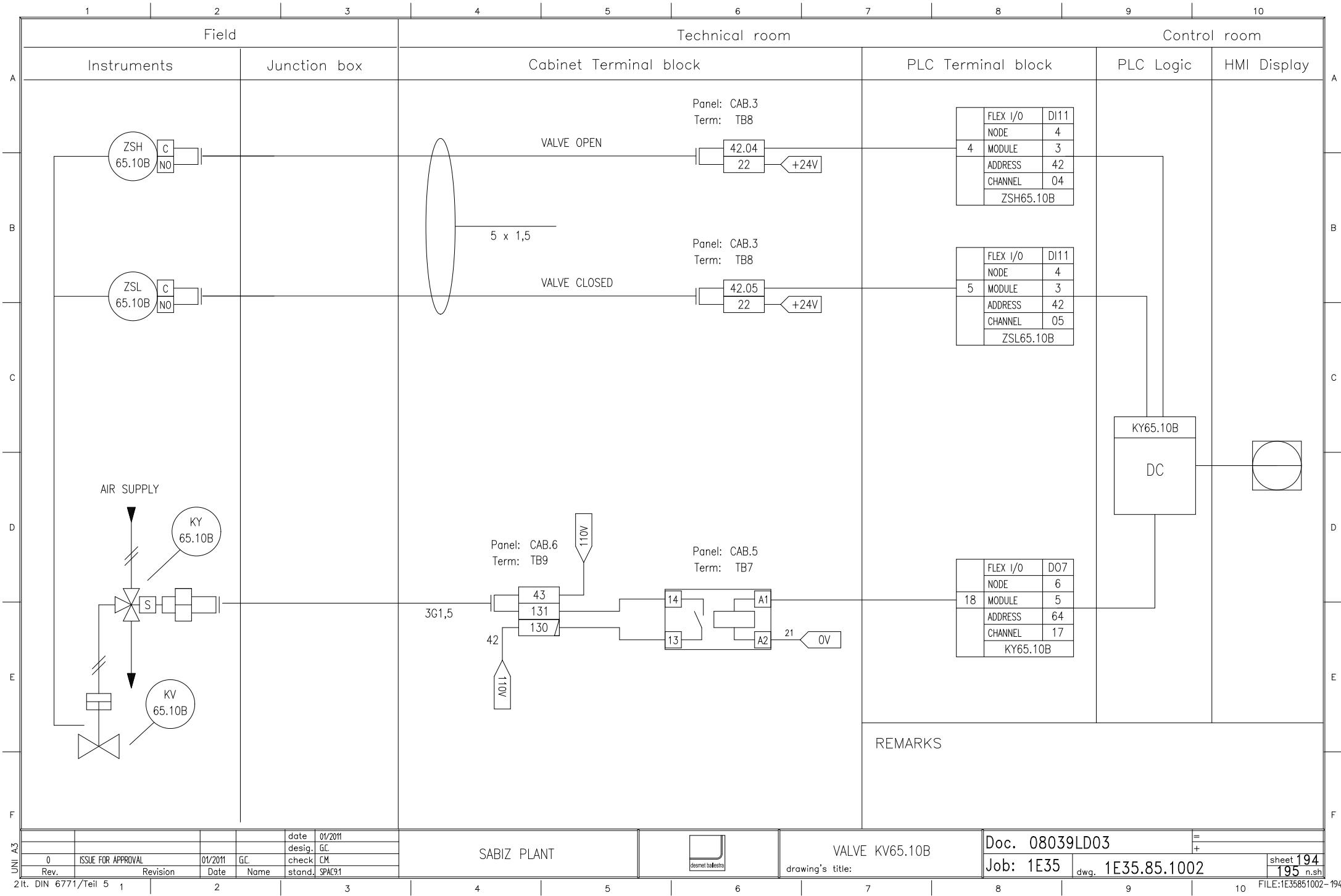
FILE:1E35851002-189











2 lt. DIN 6771/Teil 5 1 | 2 |

SABIZ PLANT

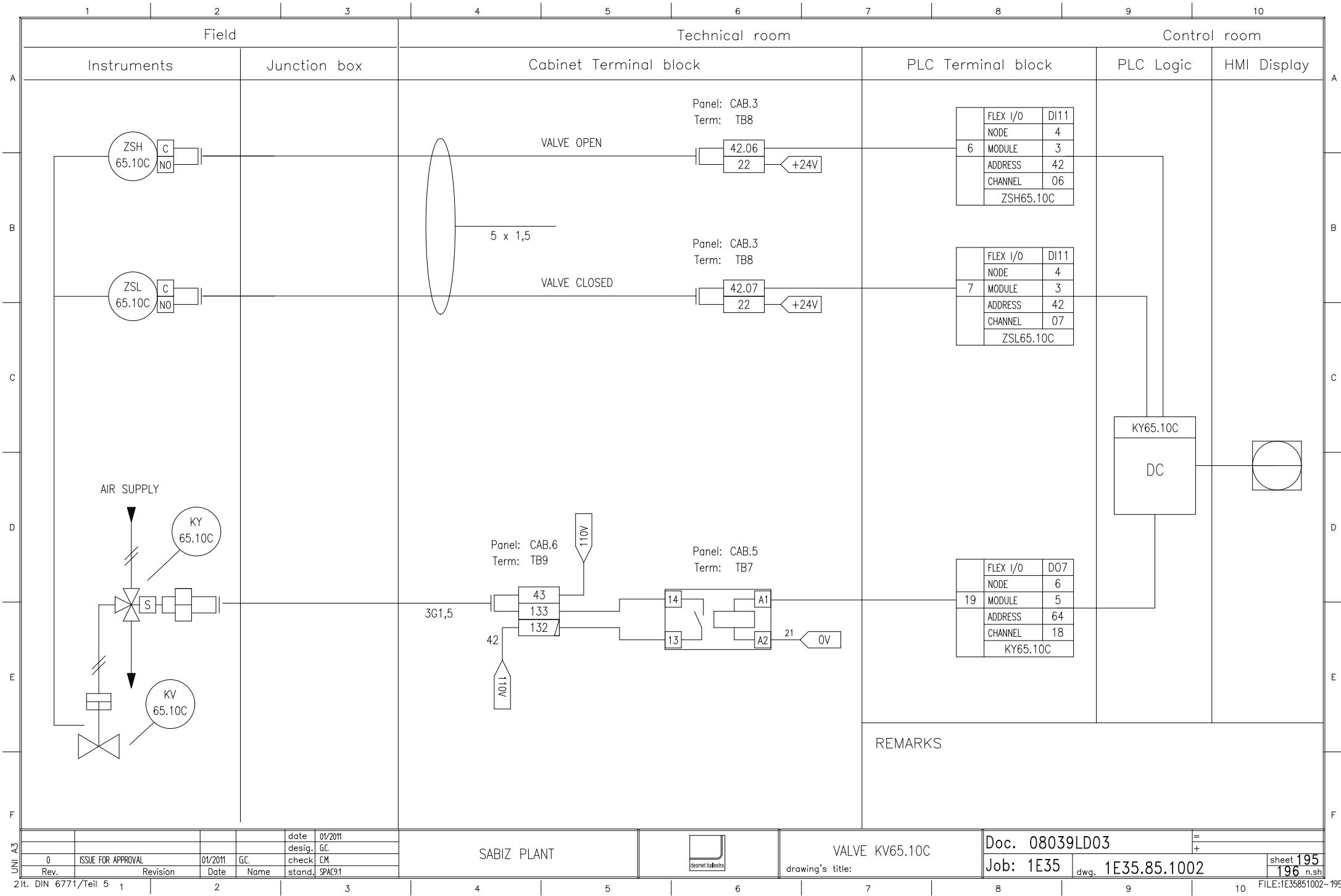


VALVE KV65.10E
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

she
1



2 lt. DIN 6771/Teil 5 1 | 2 |

SABIZ PLANT

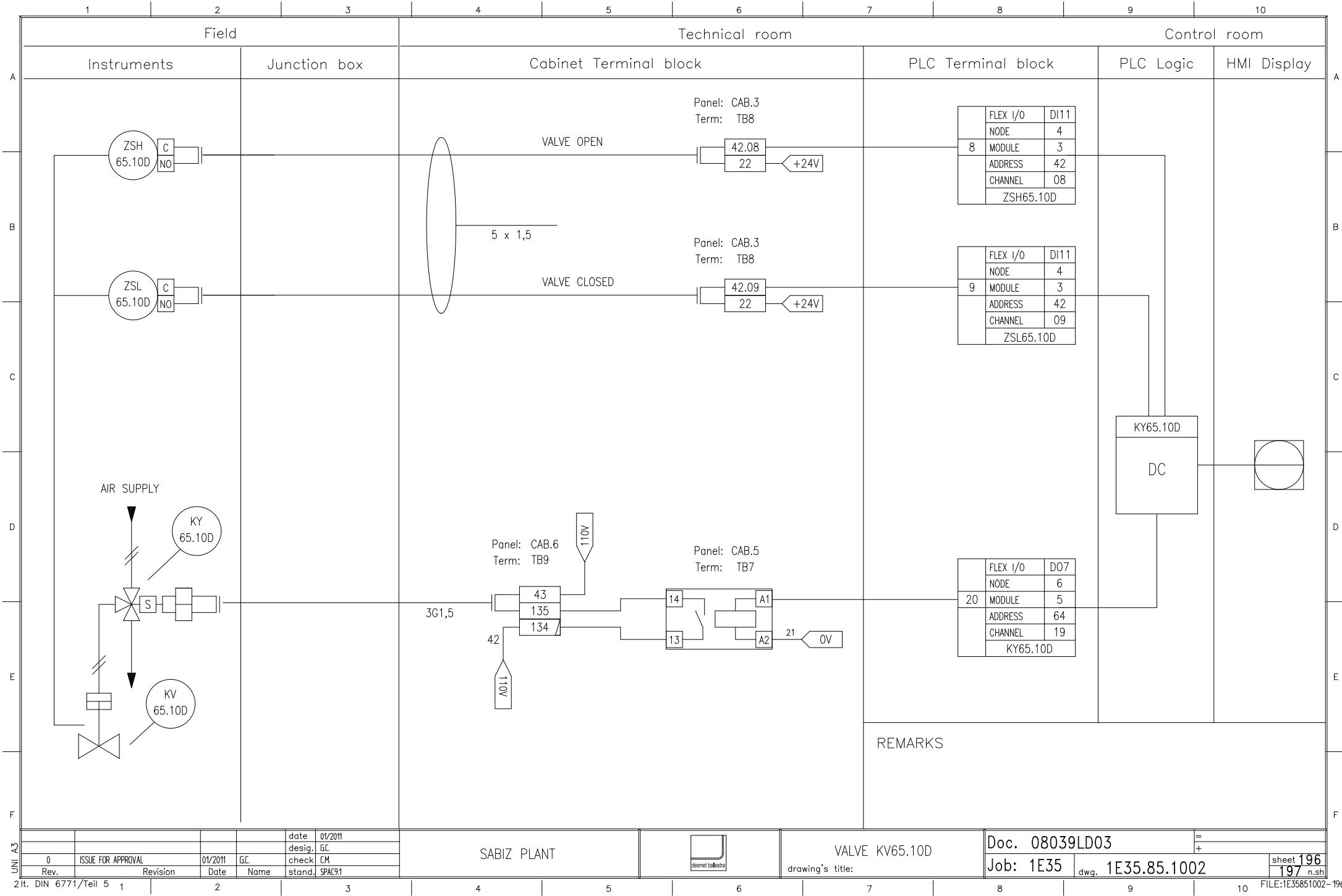


VALVE KV65.100
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 195
196 n.sh



2 lt. DIN 6771/Teil 5 1 | 2 |

SABIZ PLANT

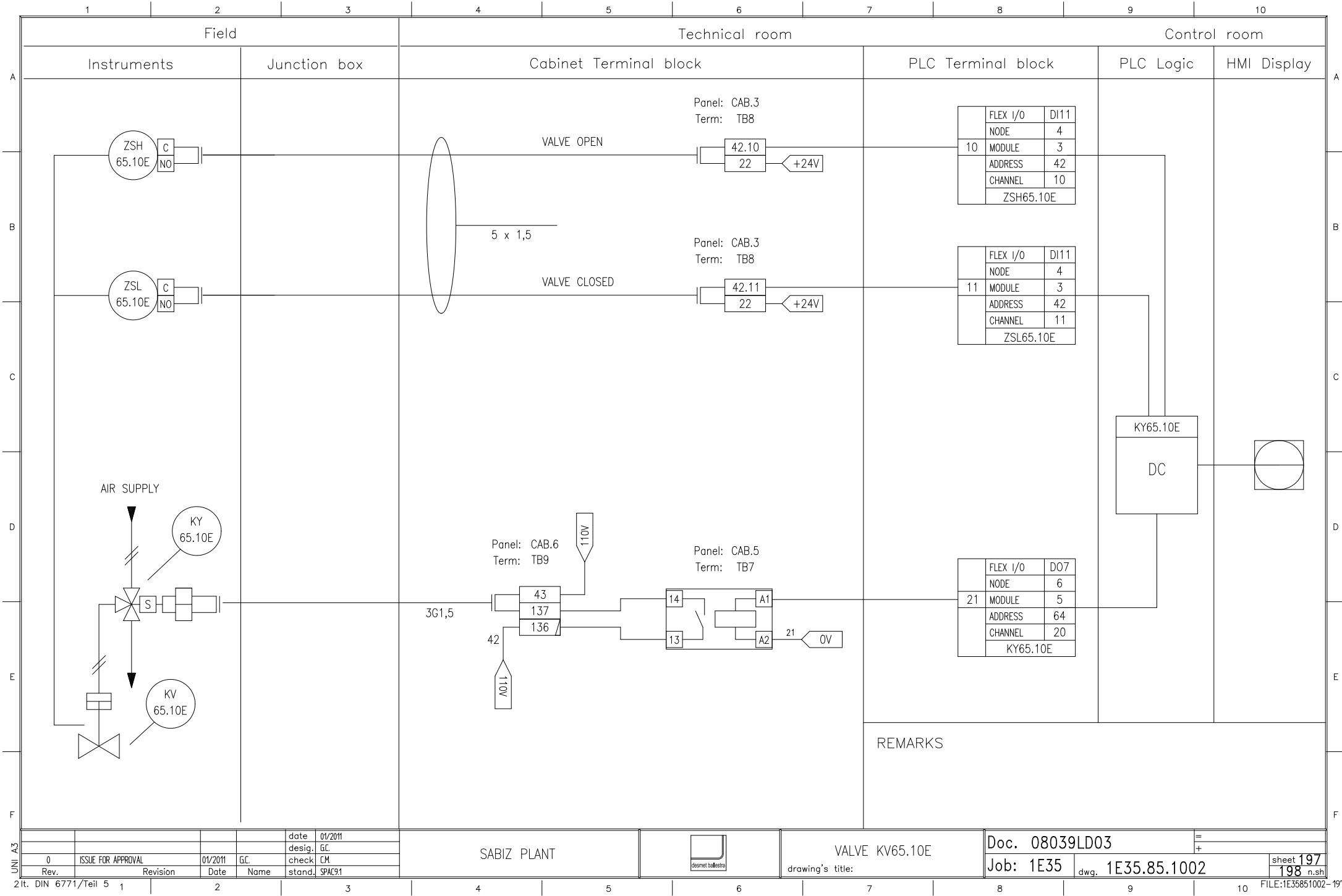


VALVE KV65.10D

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet
19



2 lt. DIN 6771/Teil 5 1 | 2 |

SABIZ PLANT

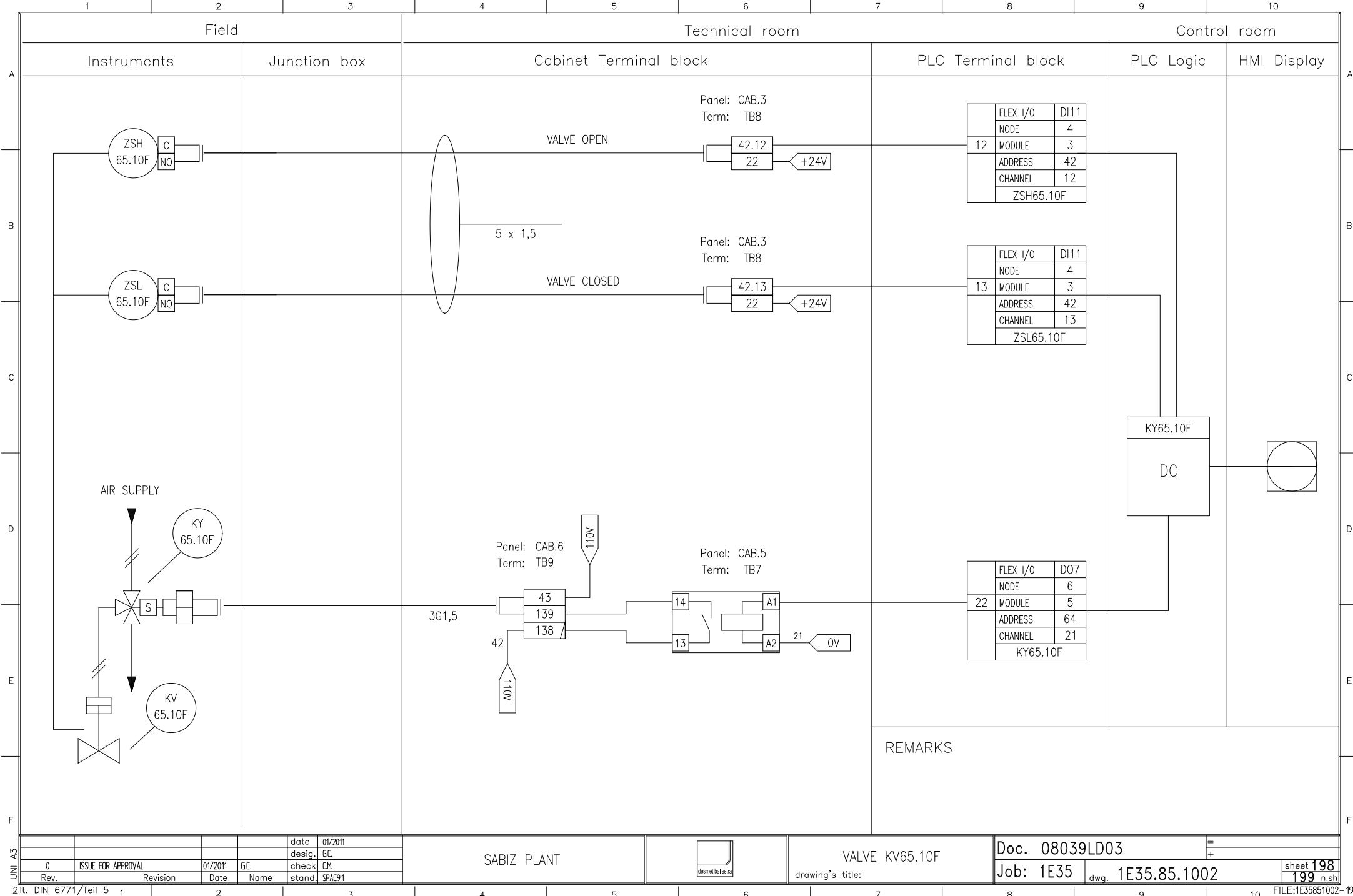


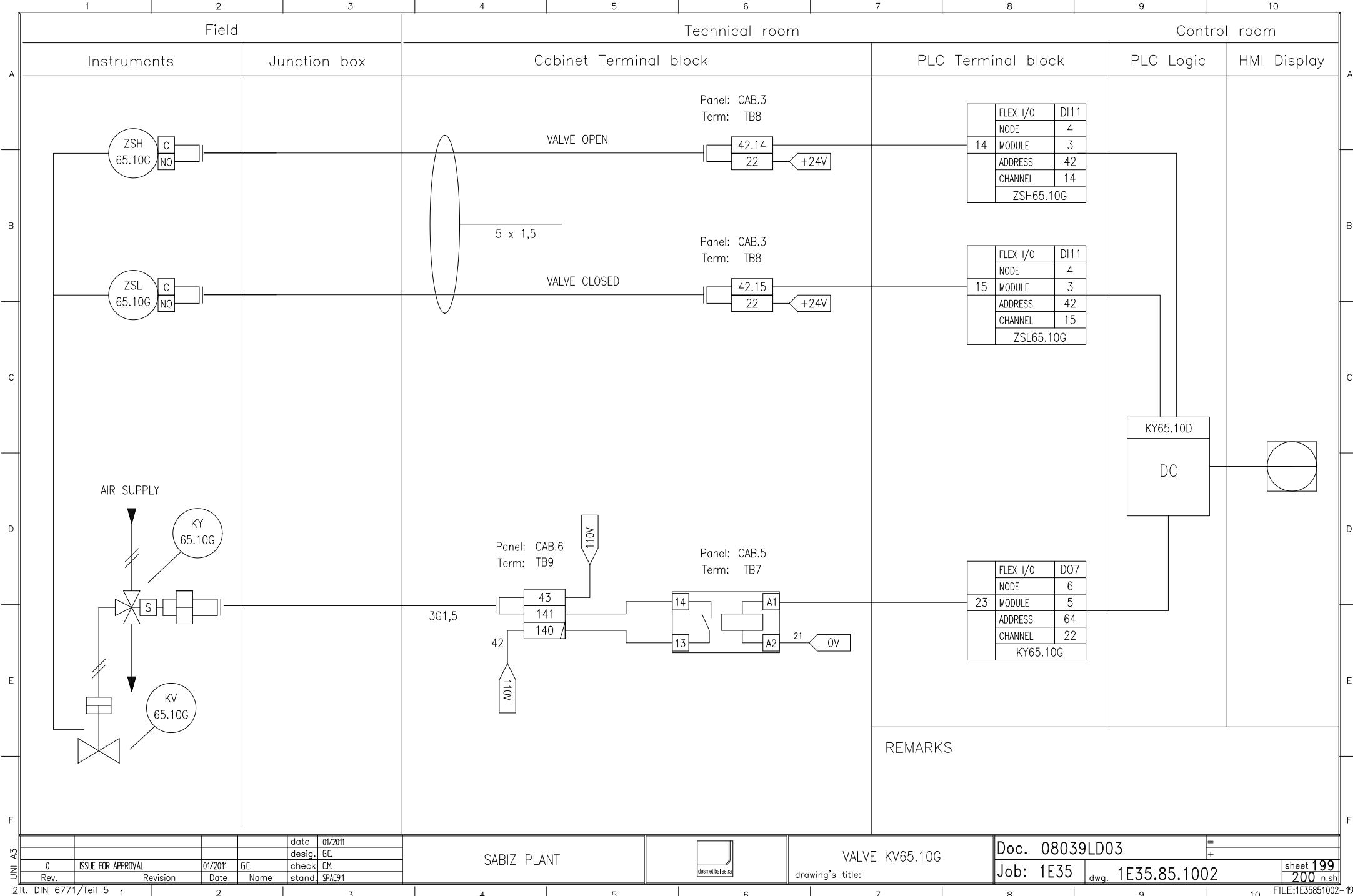
VALVE KV65.10E

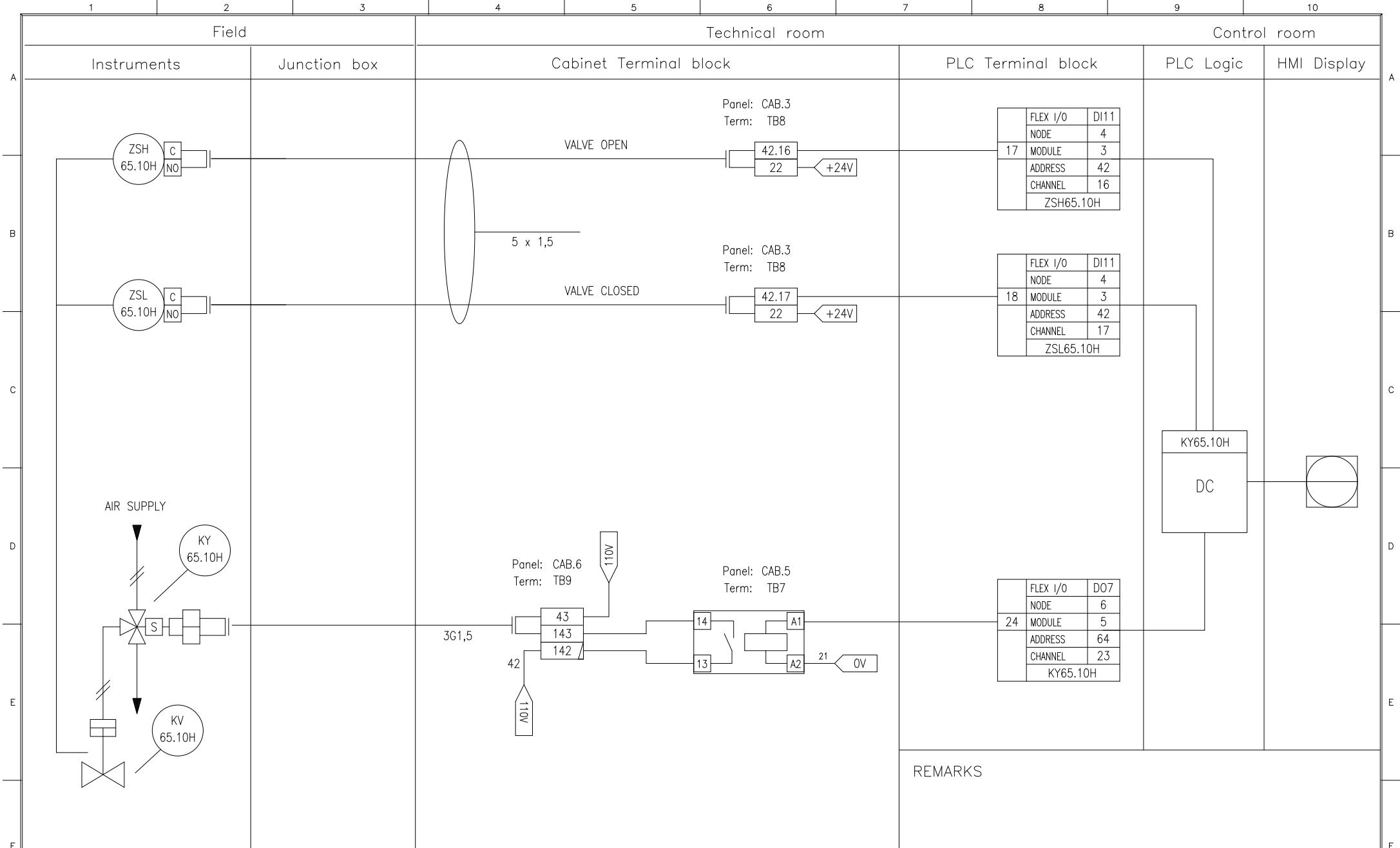
Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 197
198 n.sh
FILE:1E35851002-19







UNI A5					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT

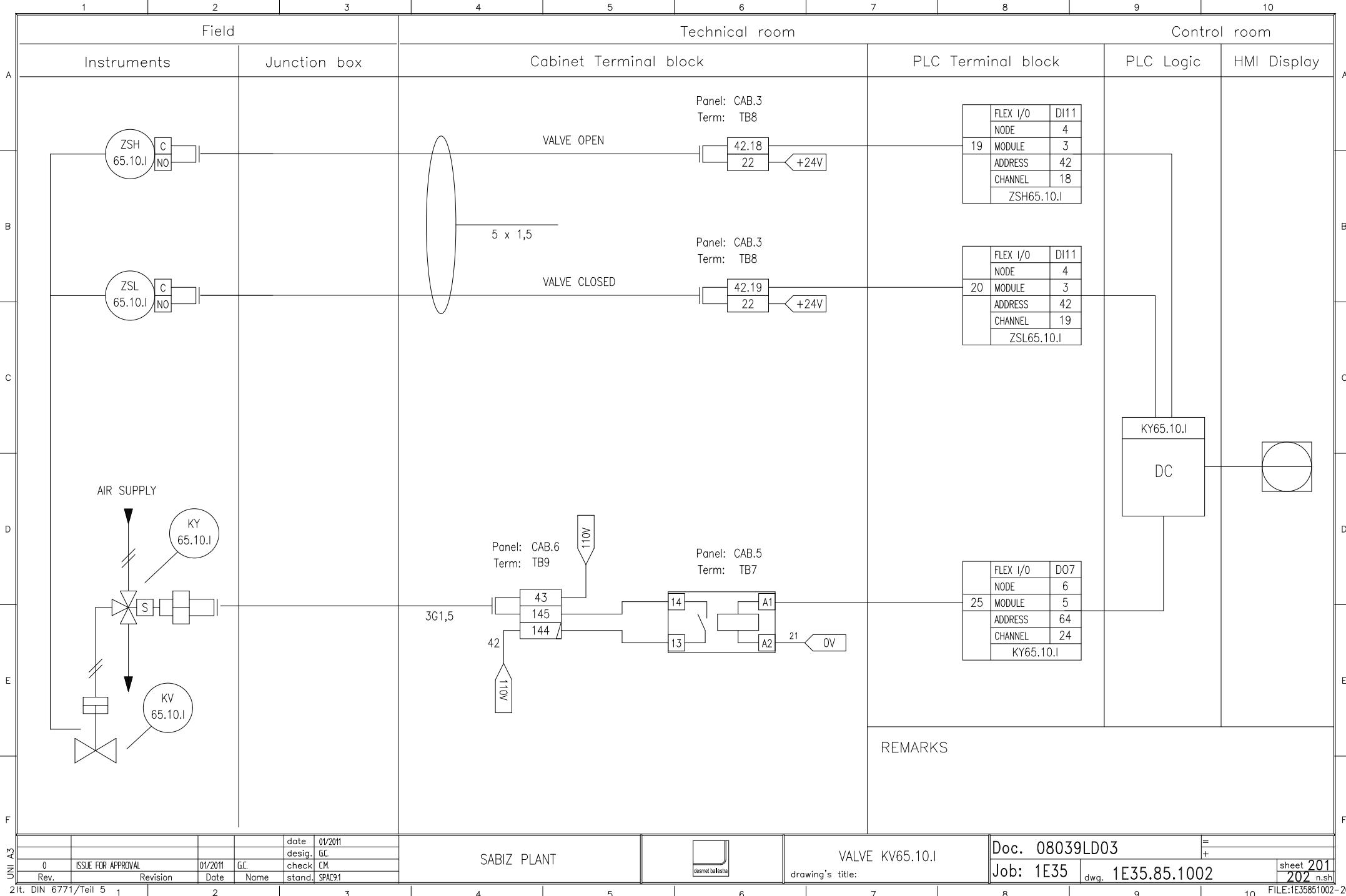


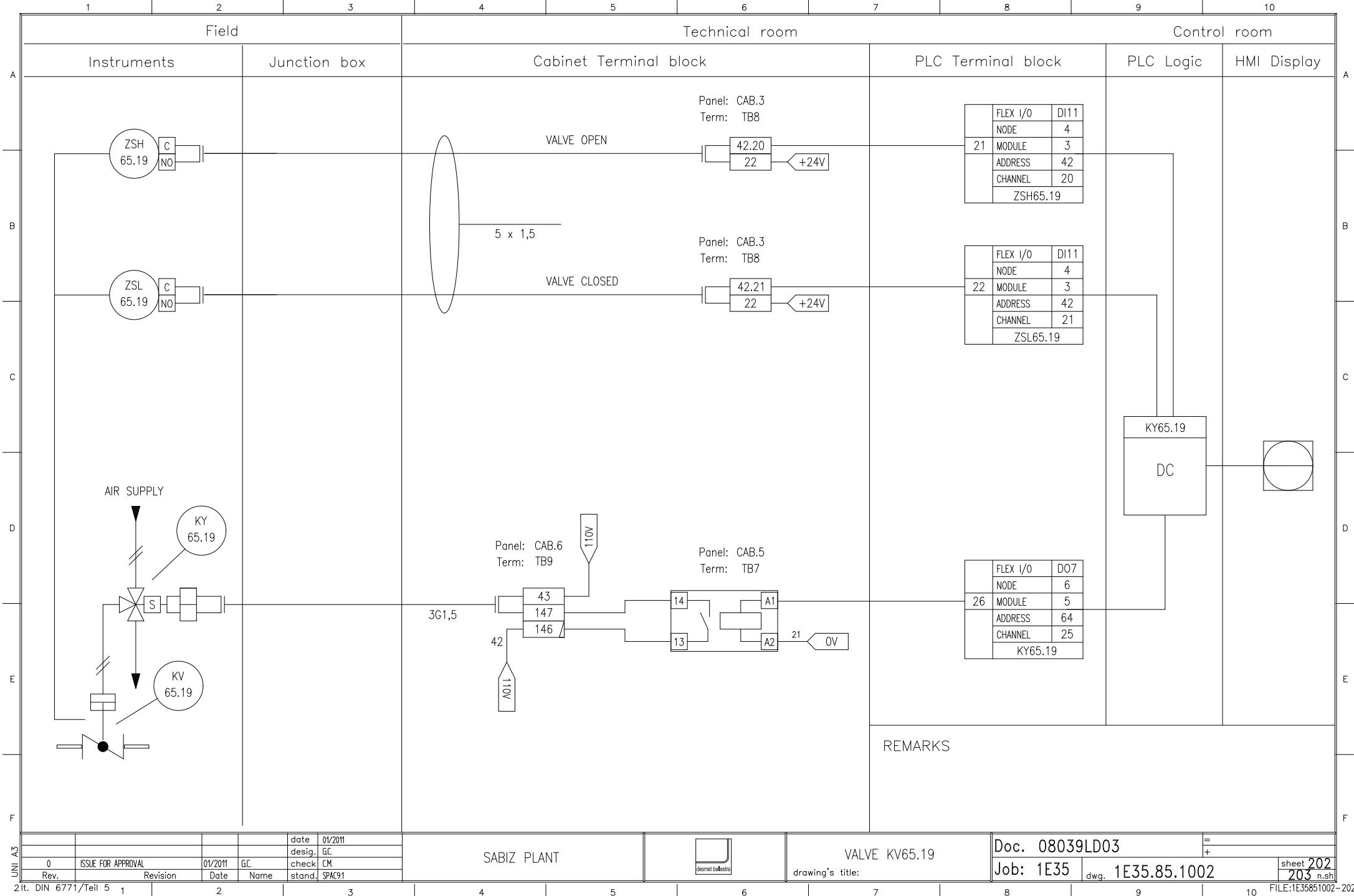
VALVE KV65.10H

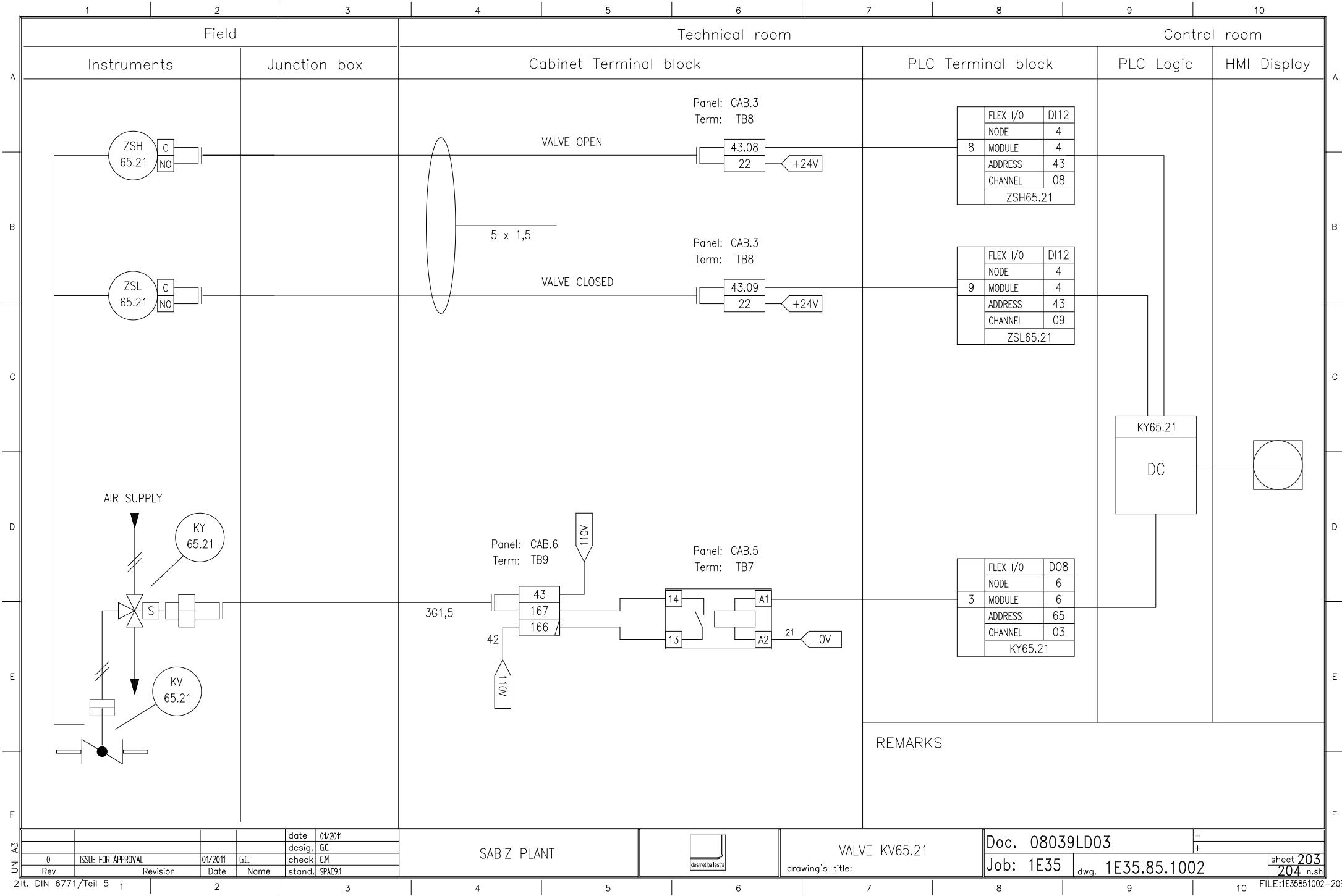
Doc. 08039LD03

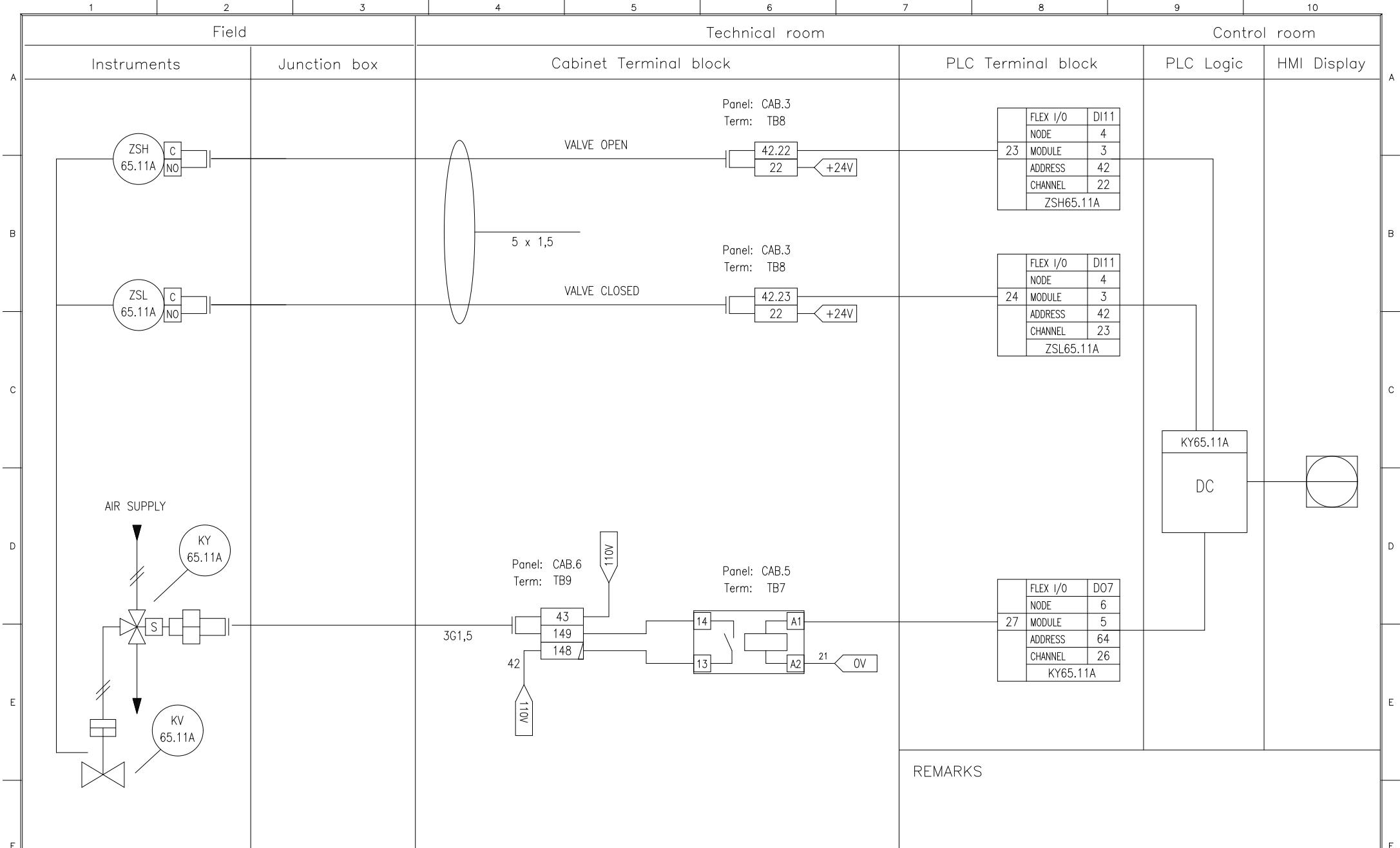
Job: 1E35 dwg: 1E35.85.1002

sheet 200
201 n.sh









UNI A5					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT

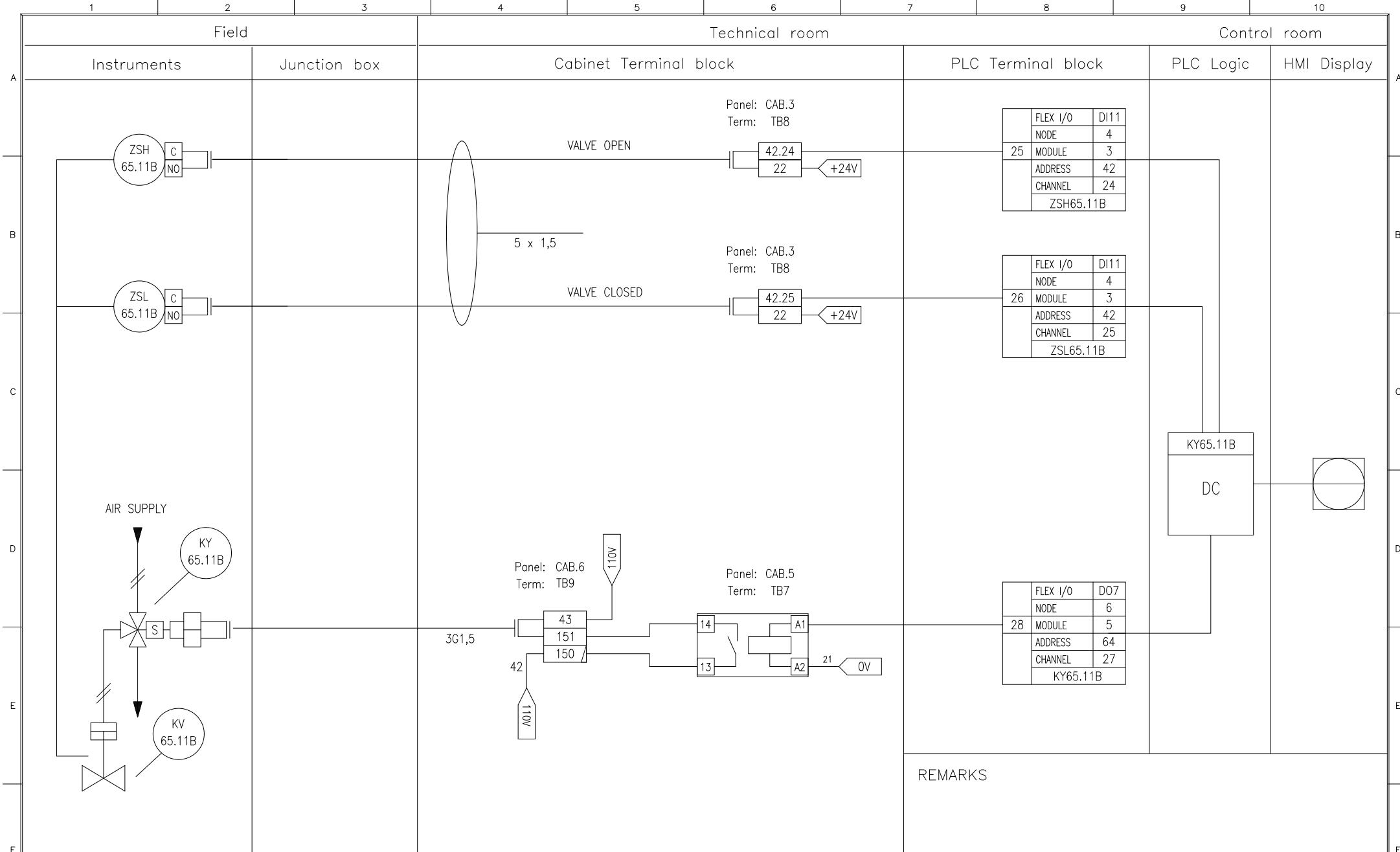


VALVE KV65.11A

Doc. 08039LD03

Job: 1E35 dwg 1E35.85.1002

sheet 204
205 n sh



UNI A3					date	01/2011
					desig.	GC
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

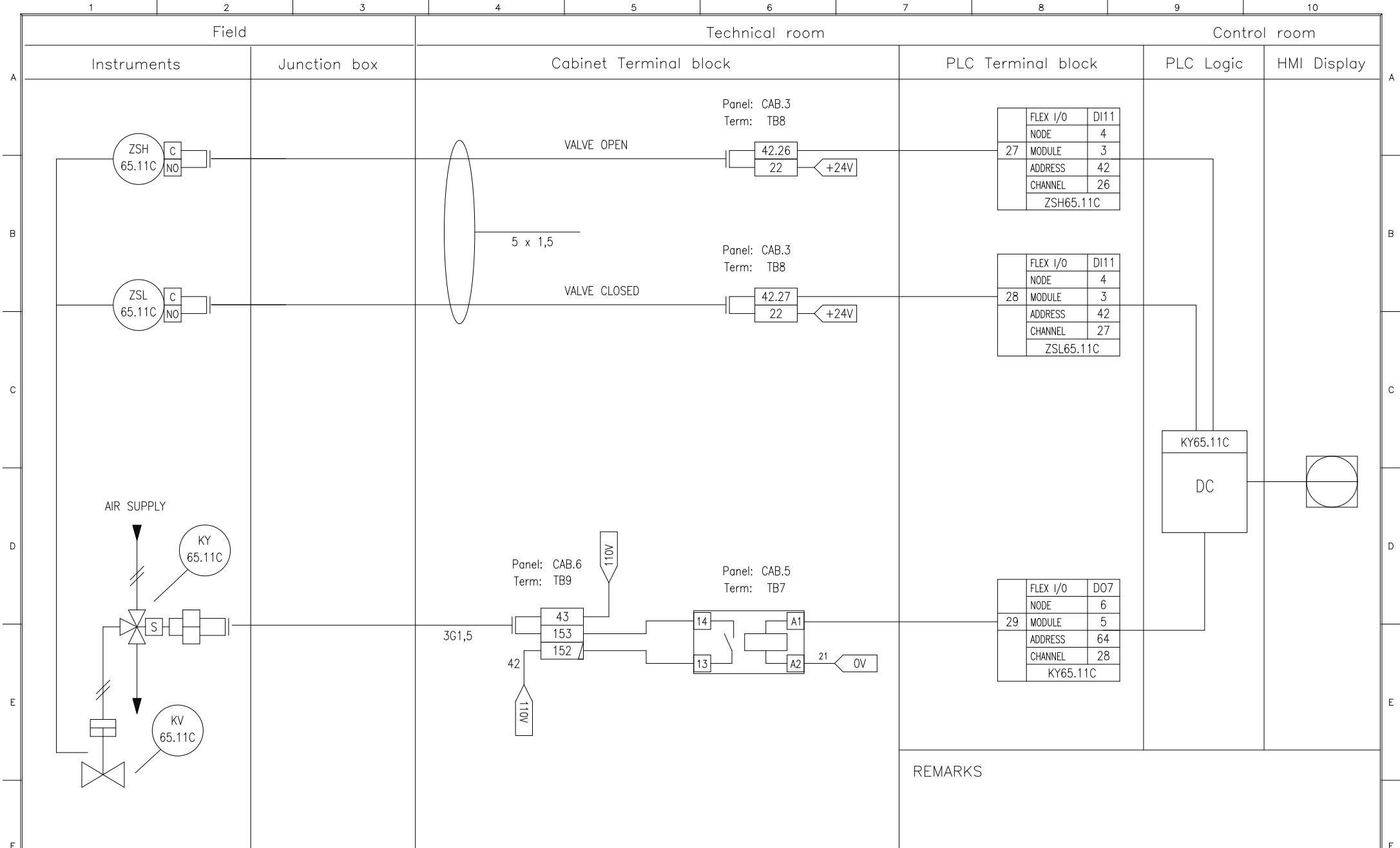


VALVE KV65.11E

Doc. 08039LD03

Job: 1E35 dwg 1E35.85.1002

sheet 205
206 n sh



UNI A5					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT

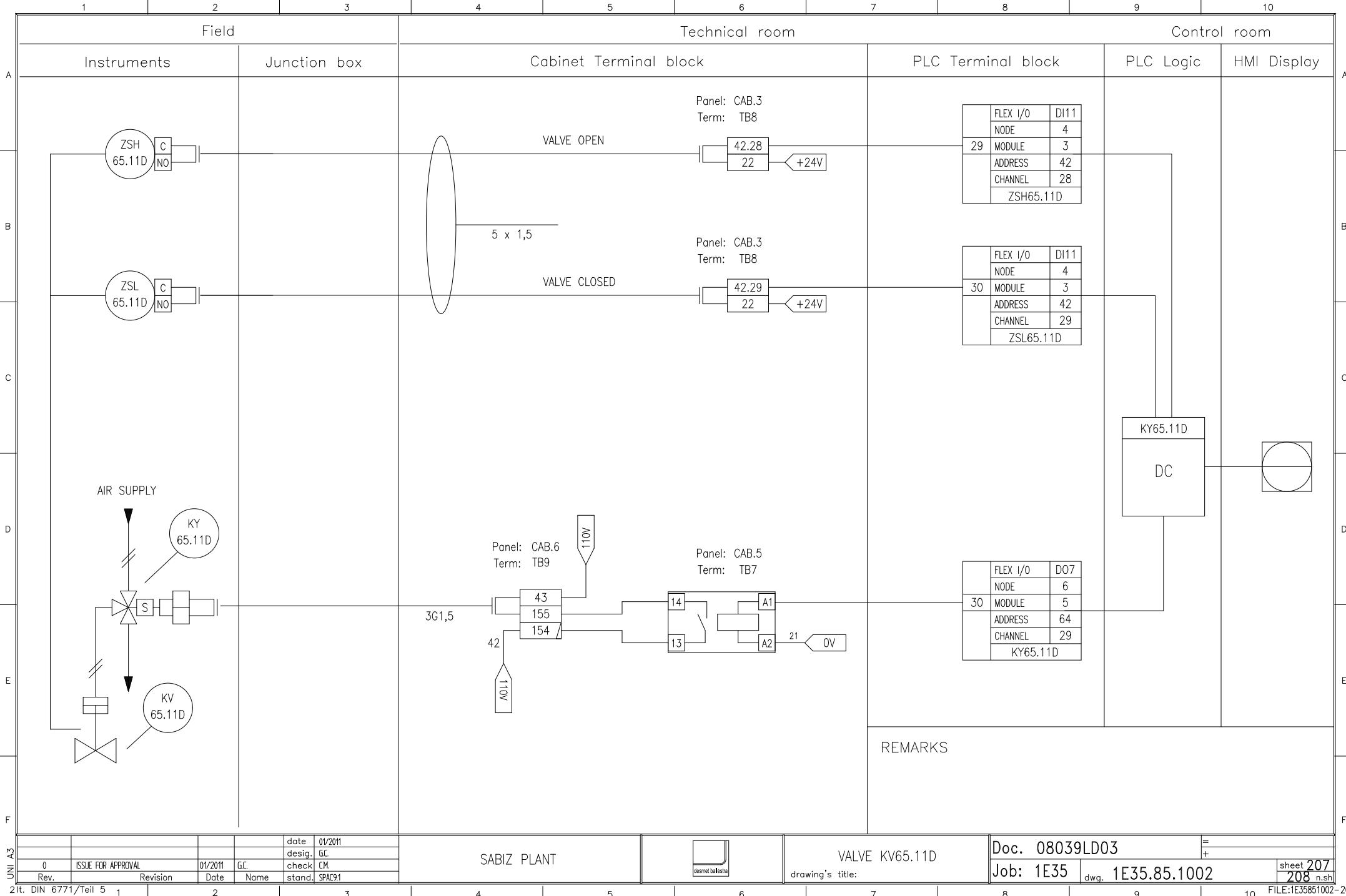


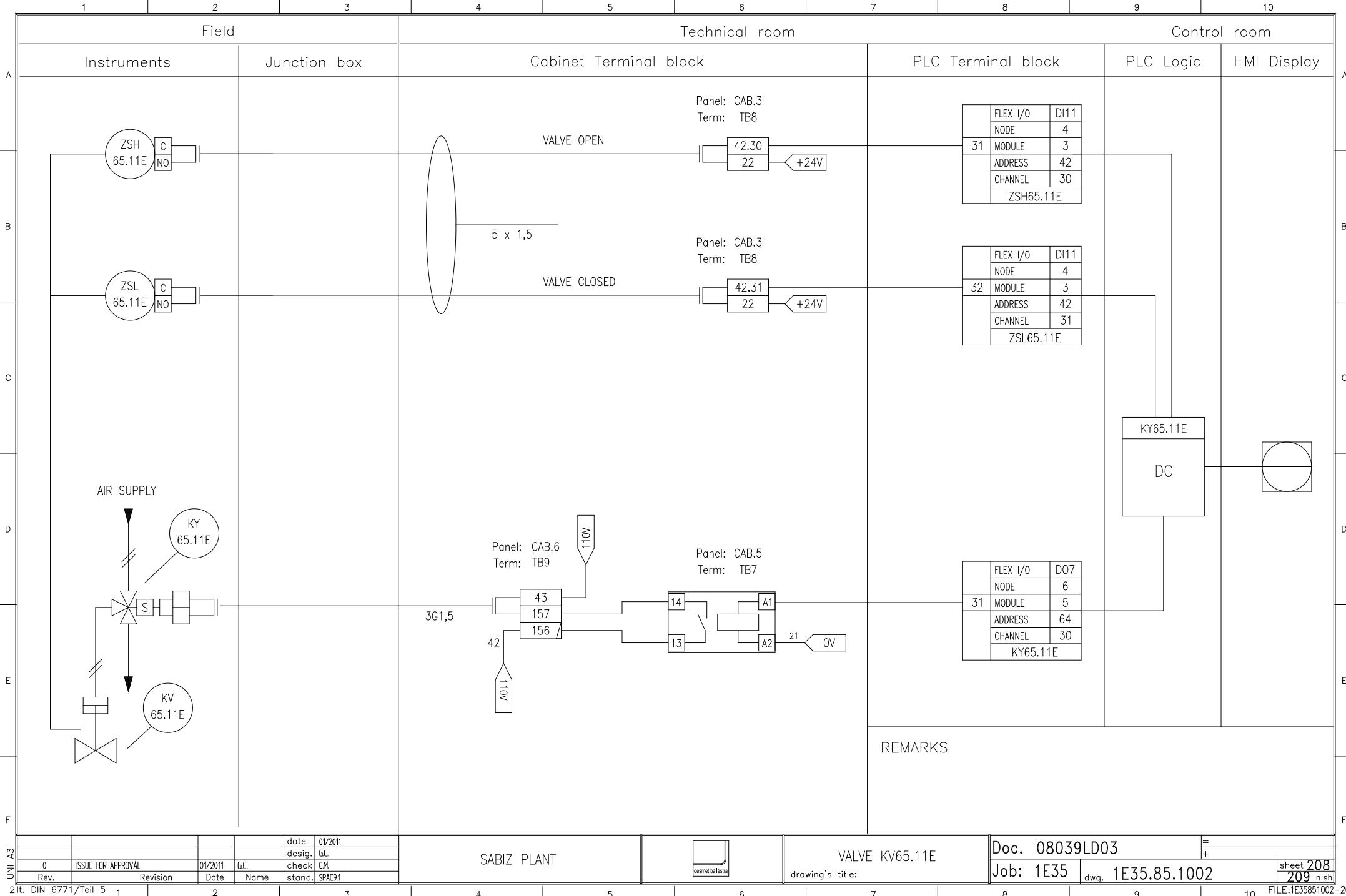
VALVE KV65.11C

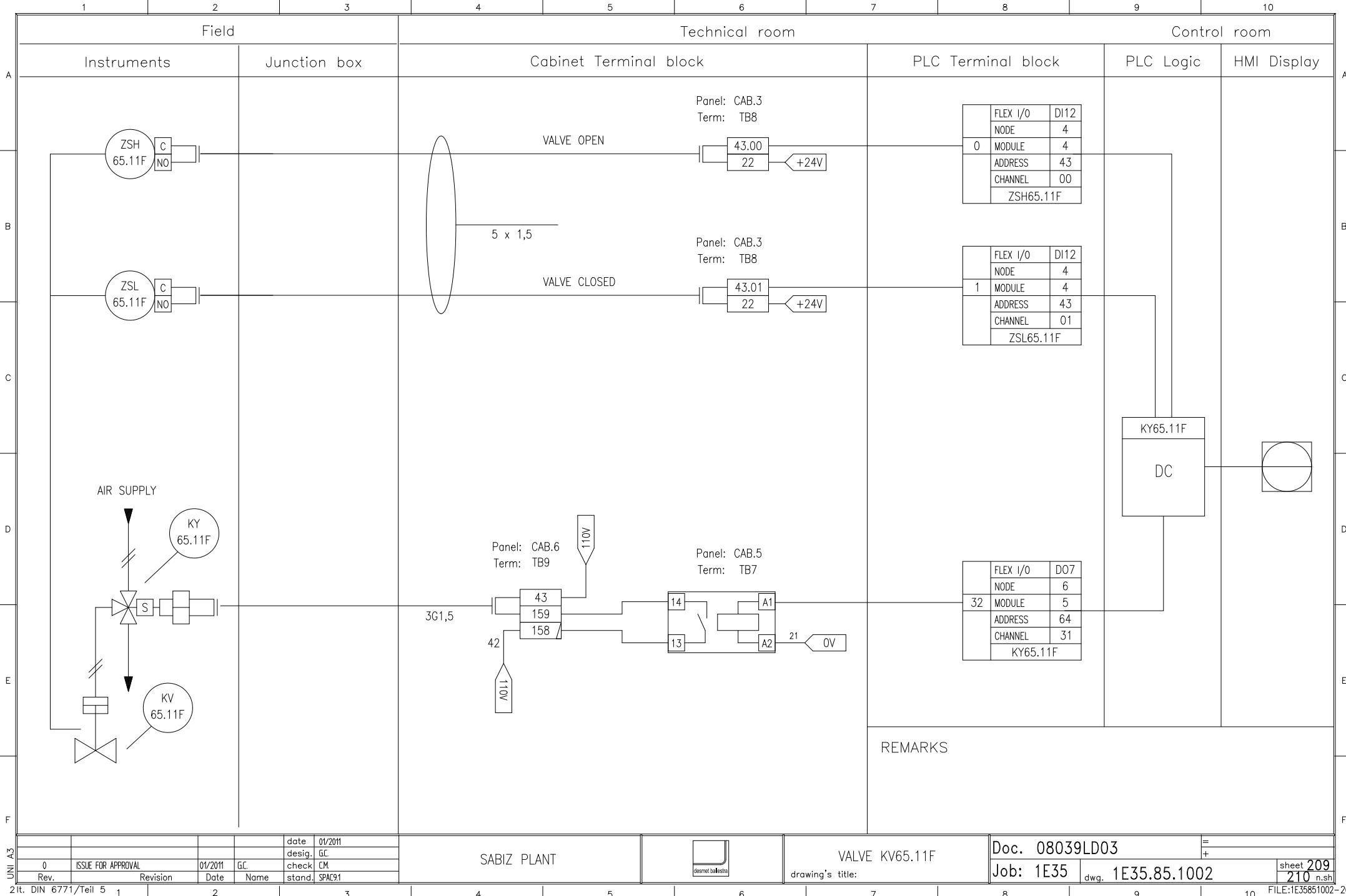
Doc. 08039LD03

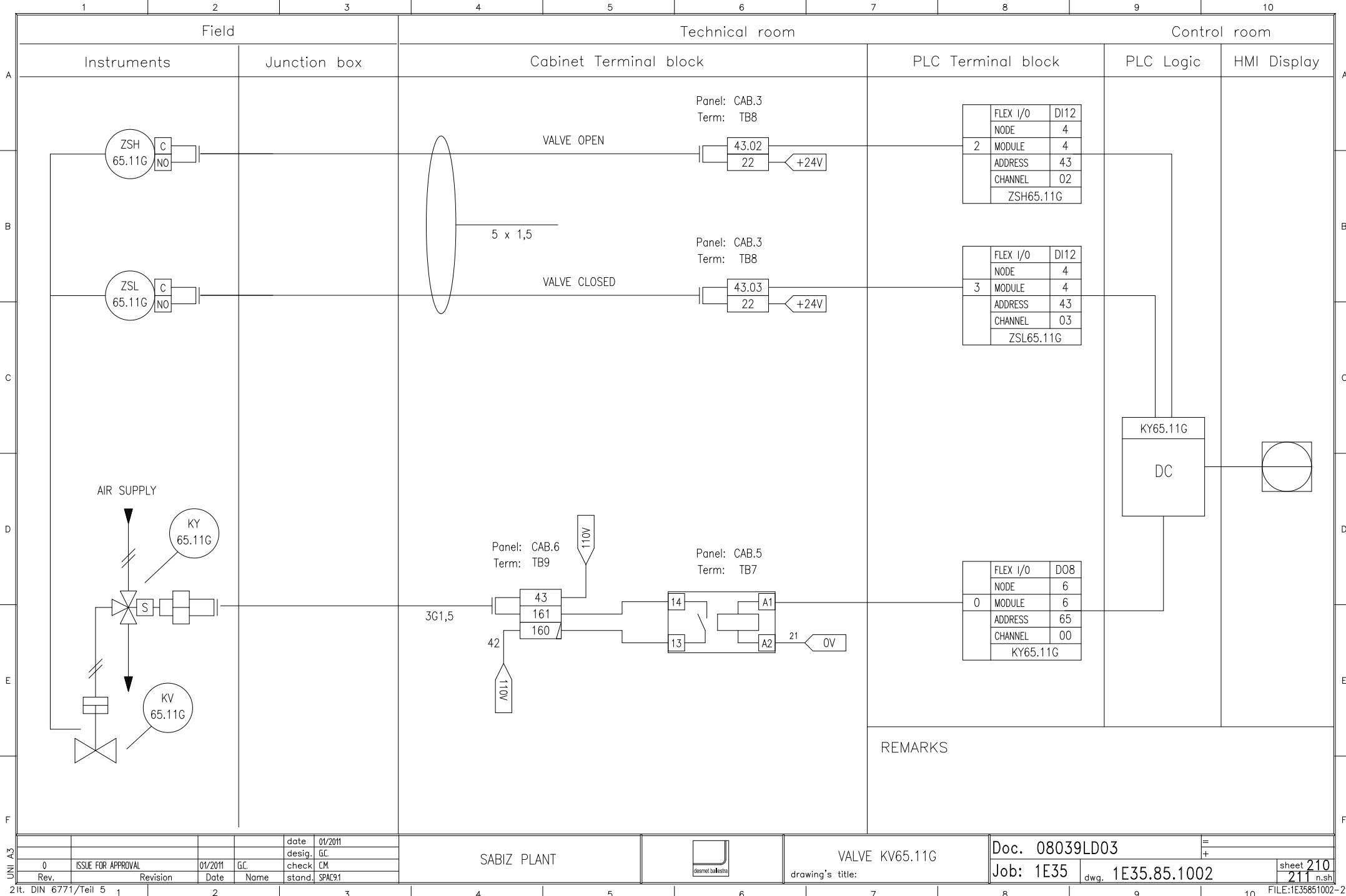
Job: 1E35 dwg 1E35.85.1002

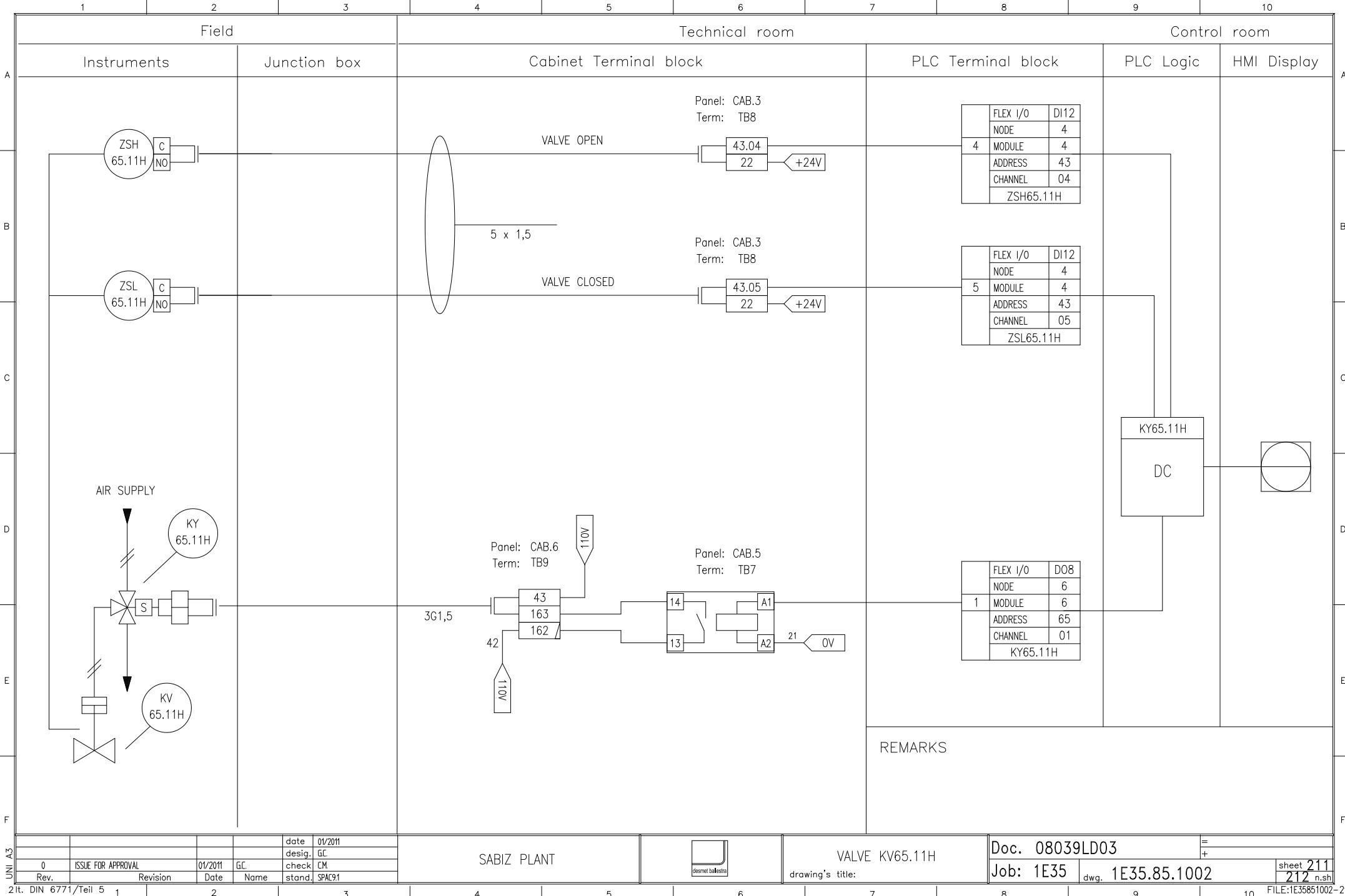
sheet 206
207 n sh

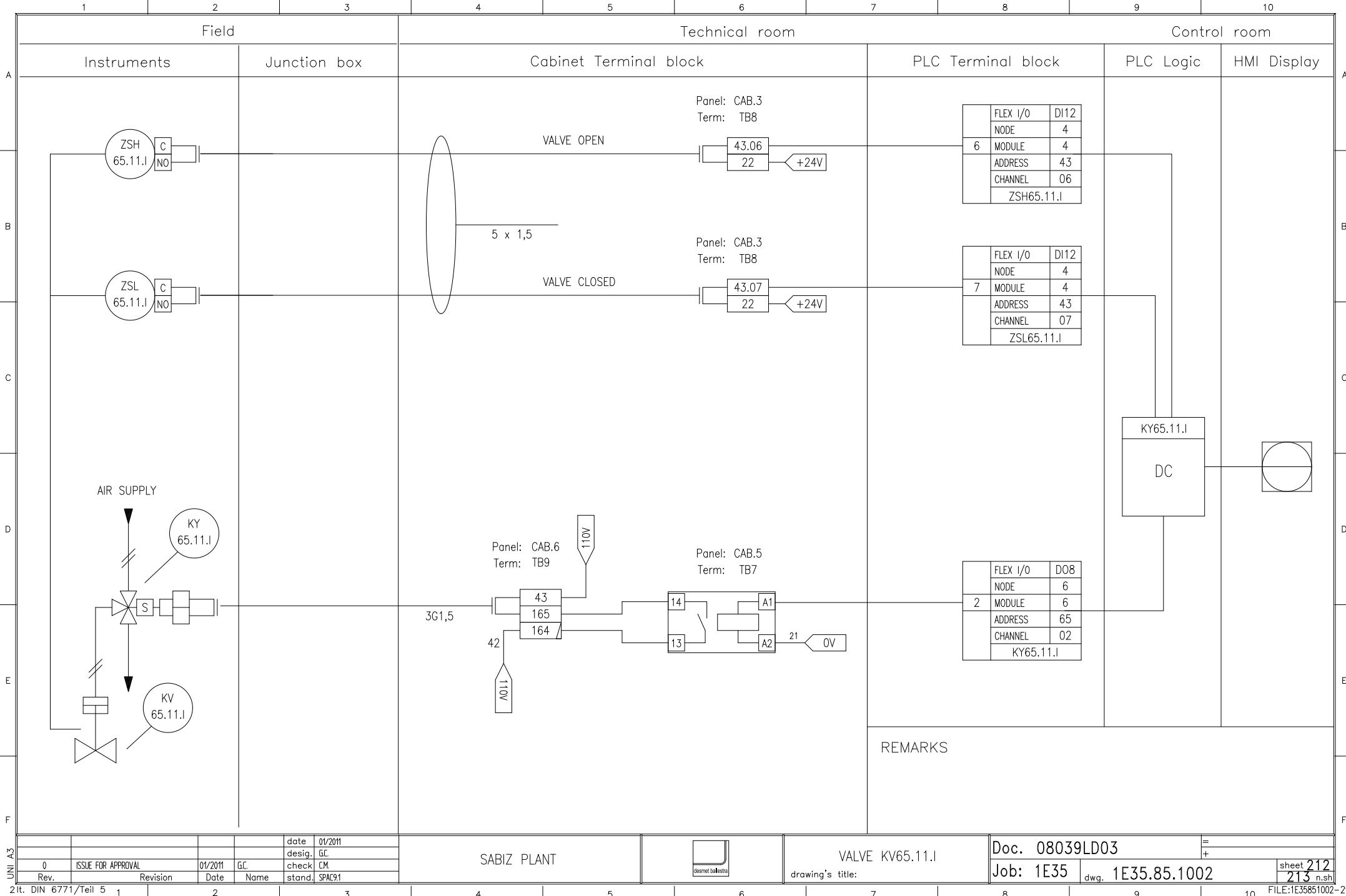


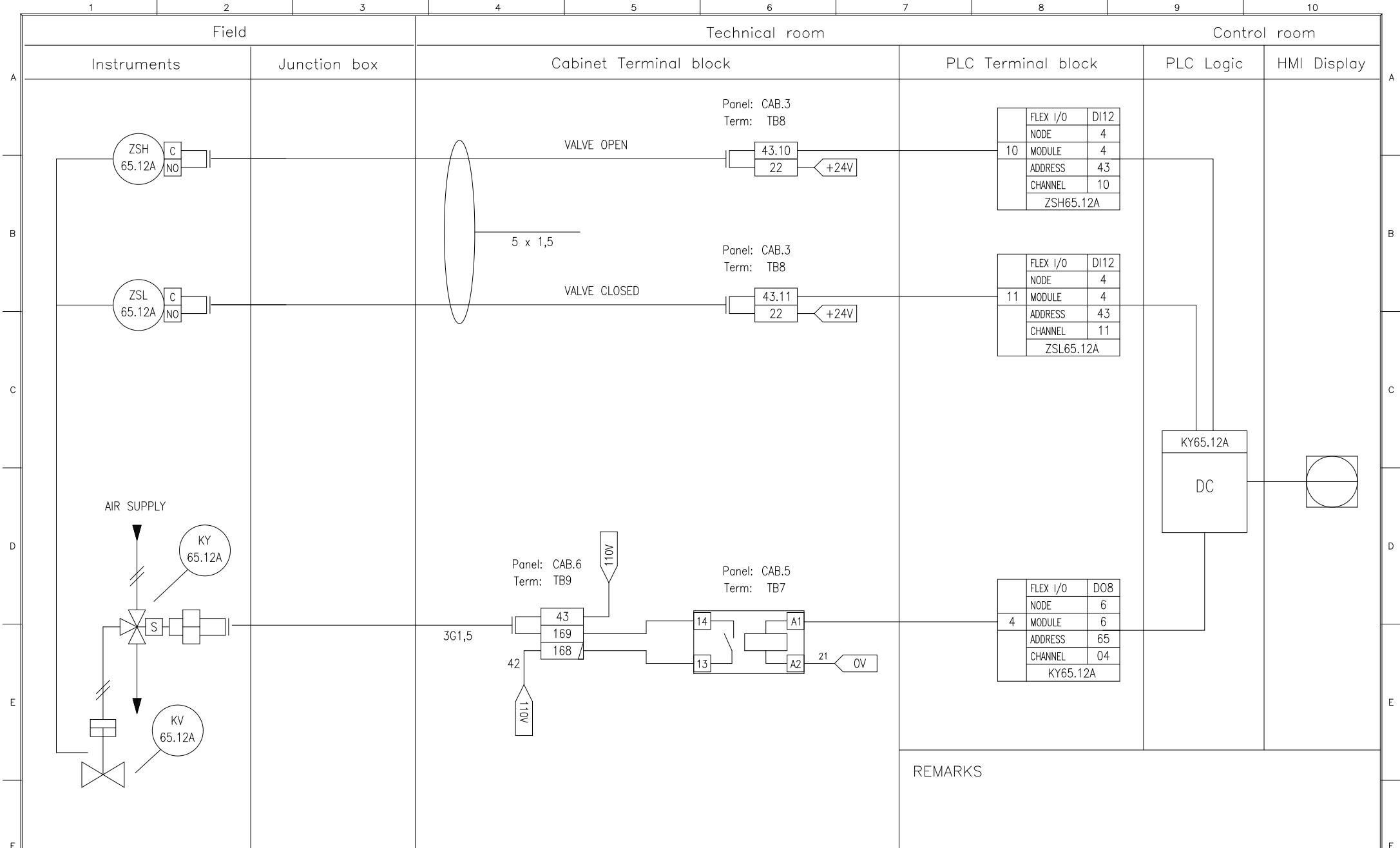












UNI A5					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT

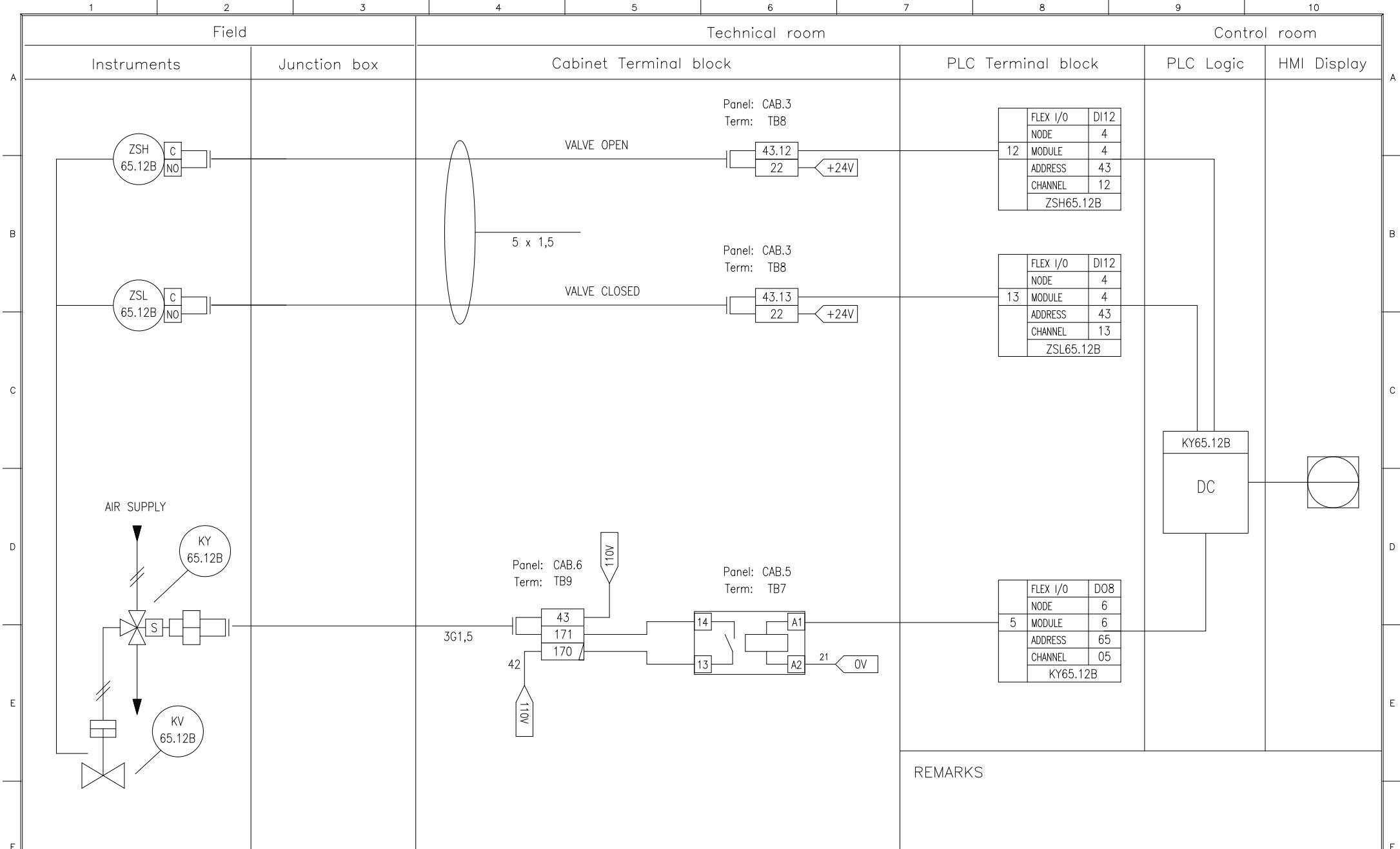


VALVE KV65.12A

Doc. 08039LD03

Job: 1E35 dwg 1E35.85.1002

sheet 213
214 n sh



UNI A3				date	01/2011
0	ISSUE FOR APPROVAL	01/2011	GC	desig.	GC
Rev.	Revision	Date	Name	check	CM

SABIZ PLANT

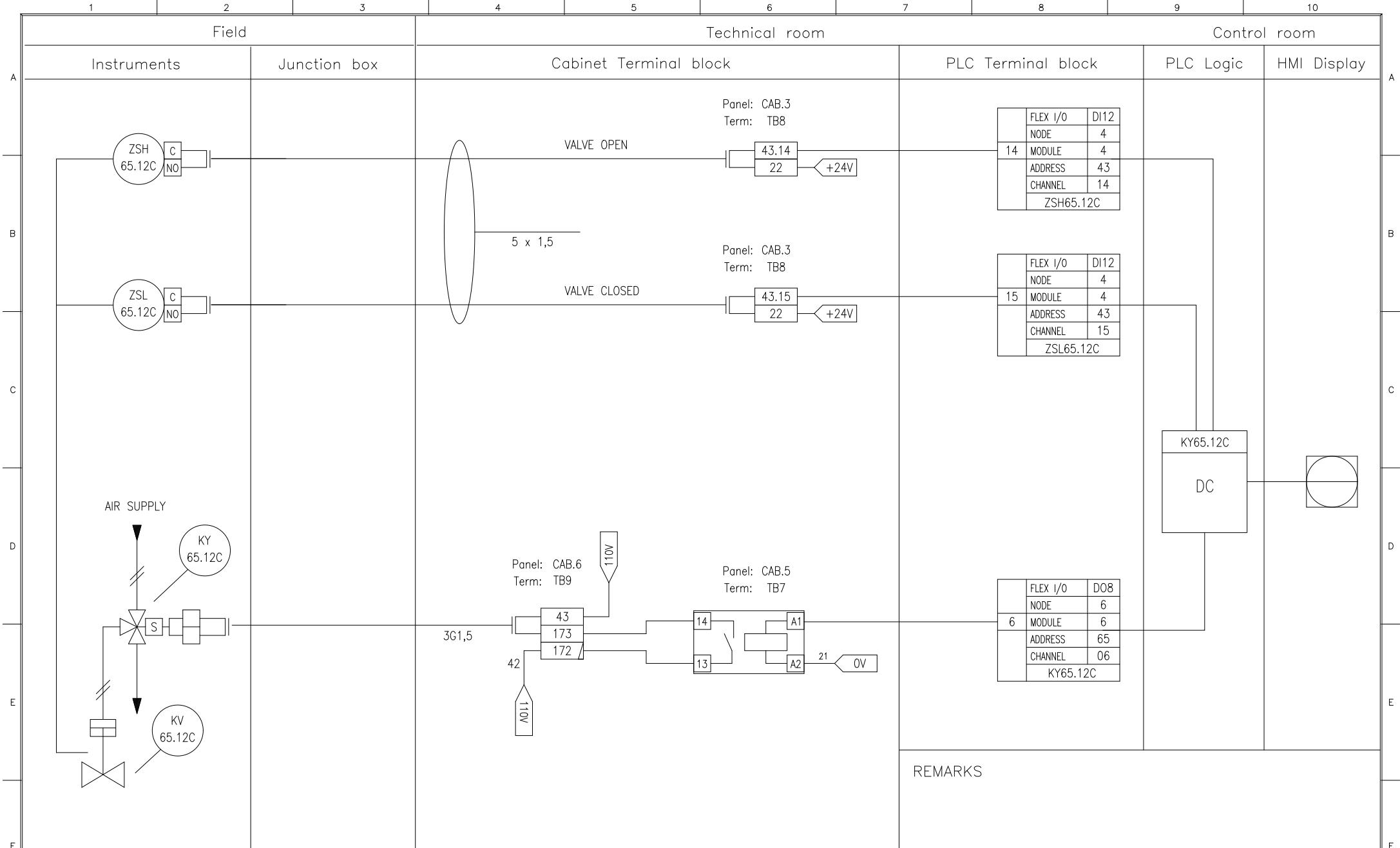


VALVE KV65.12E

Doc. 08039LD03

Job: 1E35 dwg 1E35.85.1002

sheet 214
215 n sh



UNI A5					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT

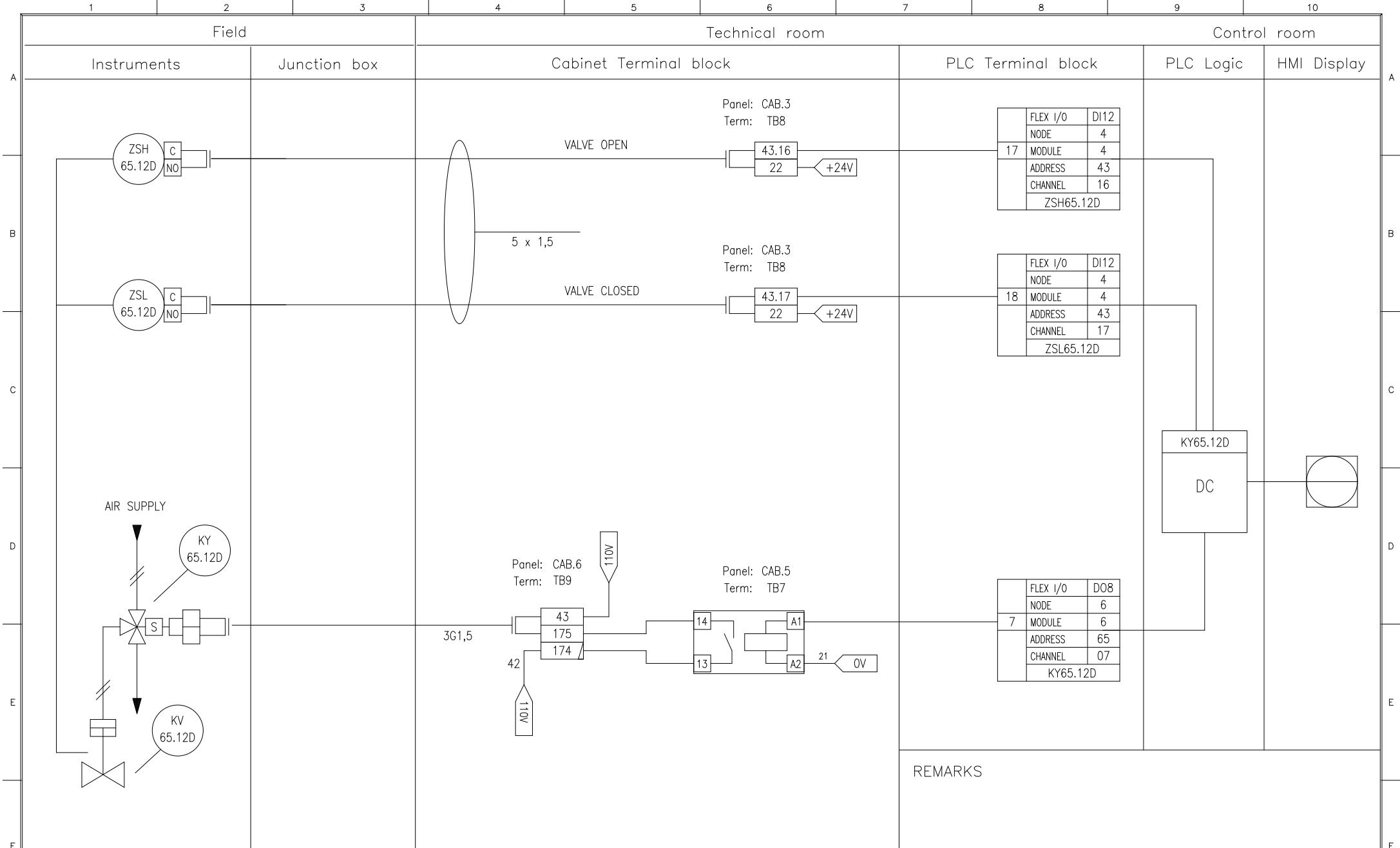


VALVE KV65.120

Doc. 08039LD03

Job: 1E35 dwg 1E35.85.1002

sheet 215
216 n sh



UNI A5					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT

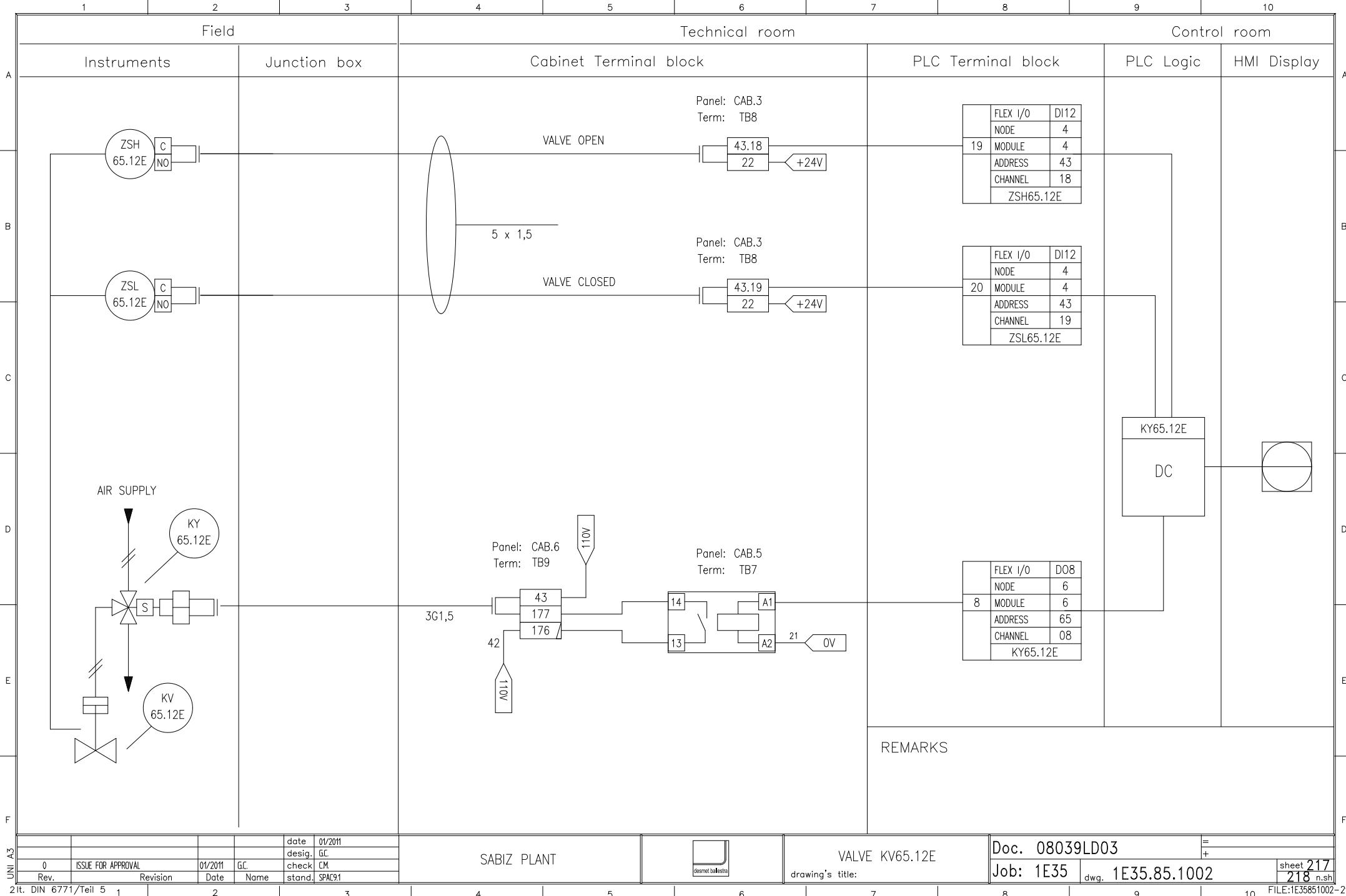


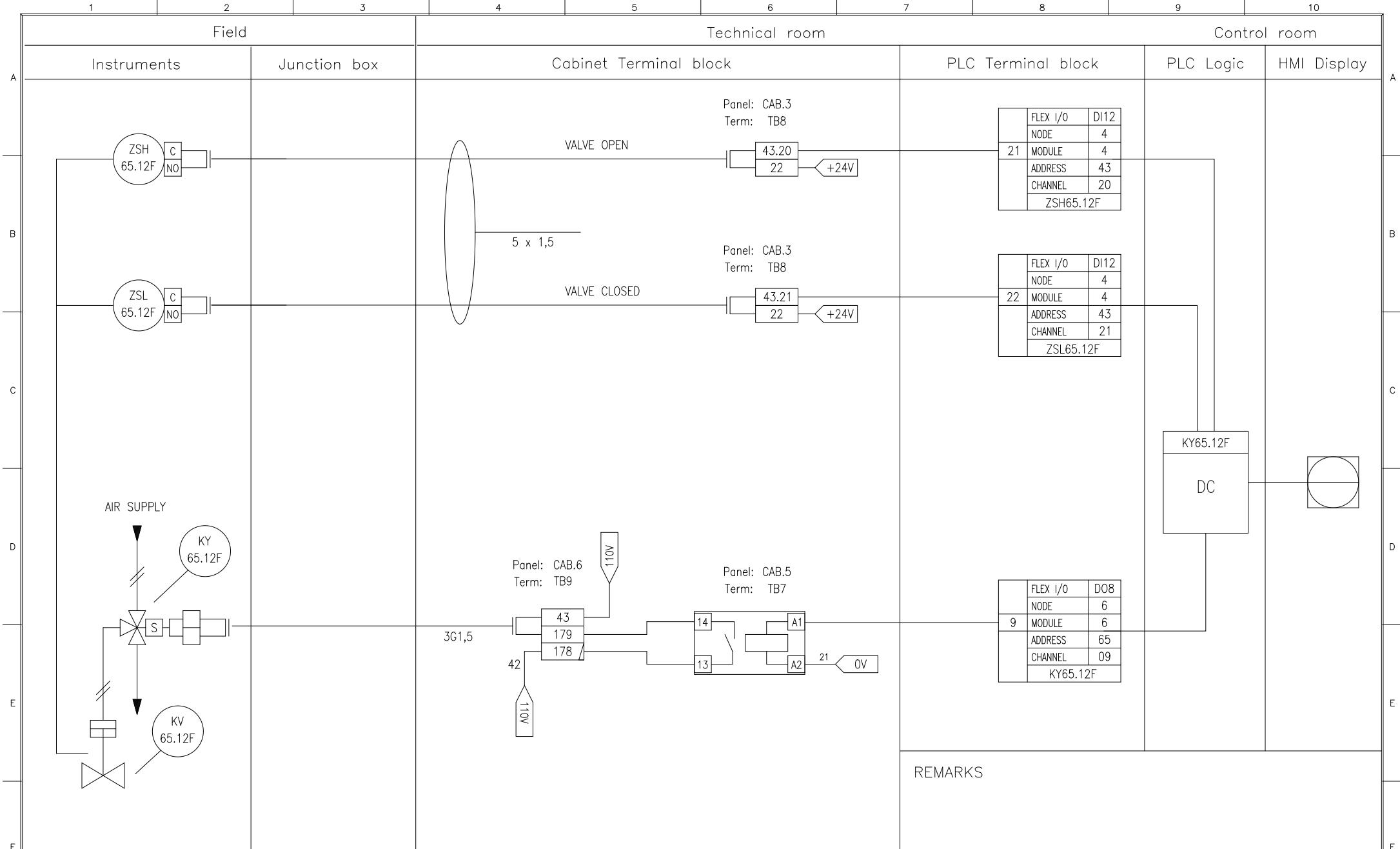
VALVE KV65.12D

Doc. 08039LD03

Job: 1E35 dwg 1E35.85.1002

sheet 216
217 n sh





UNI A3				date	01/2011
0	ISSUE FOR APPROVAL	01/2011	GC	desig.	GC
Rev.	Revision	Date	Name	check	CM

SABIZ PLANT

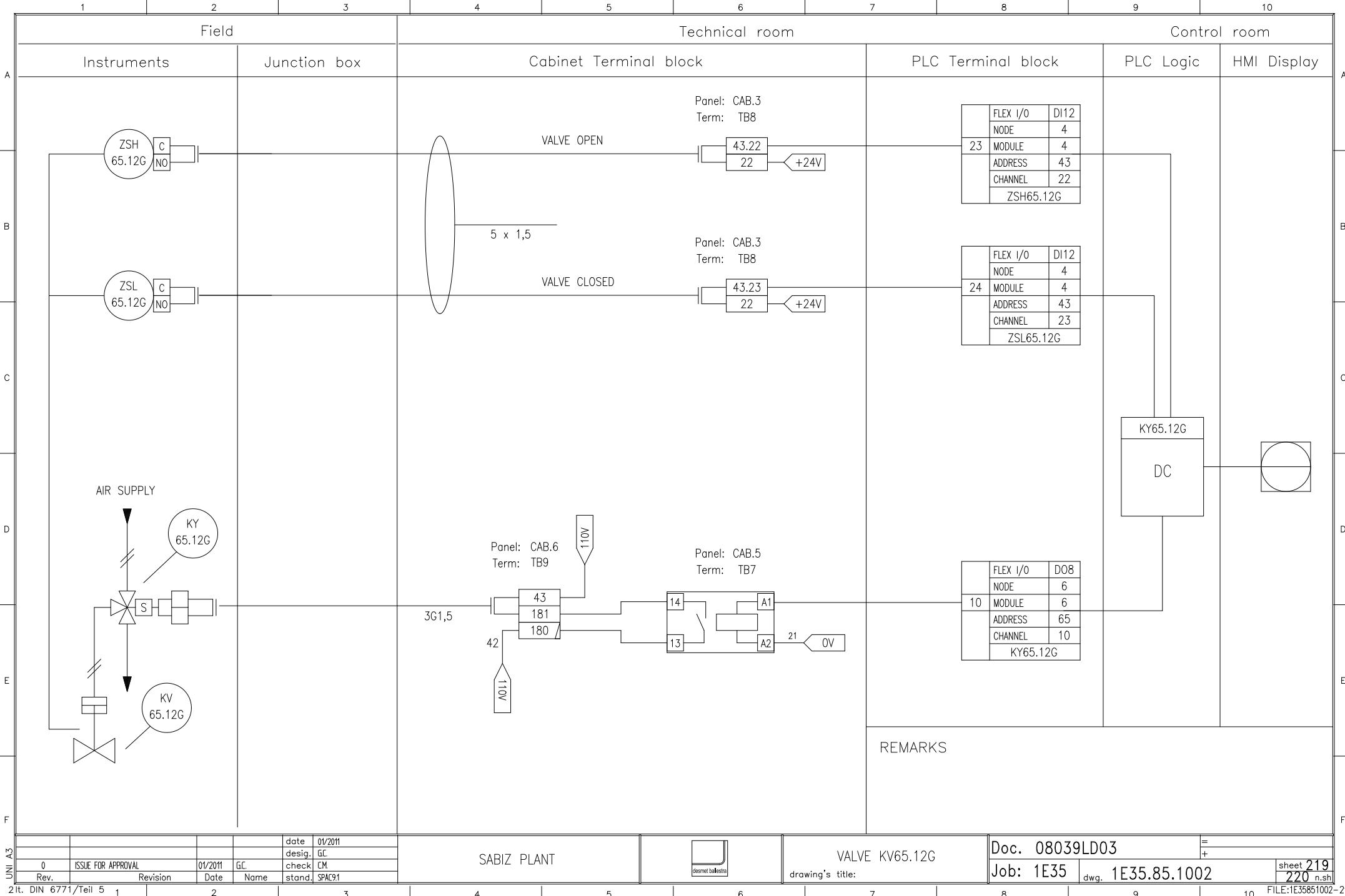


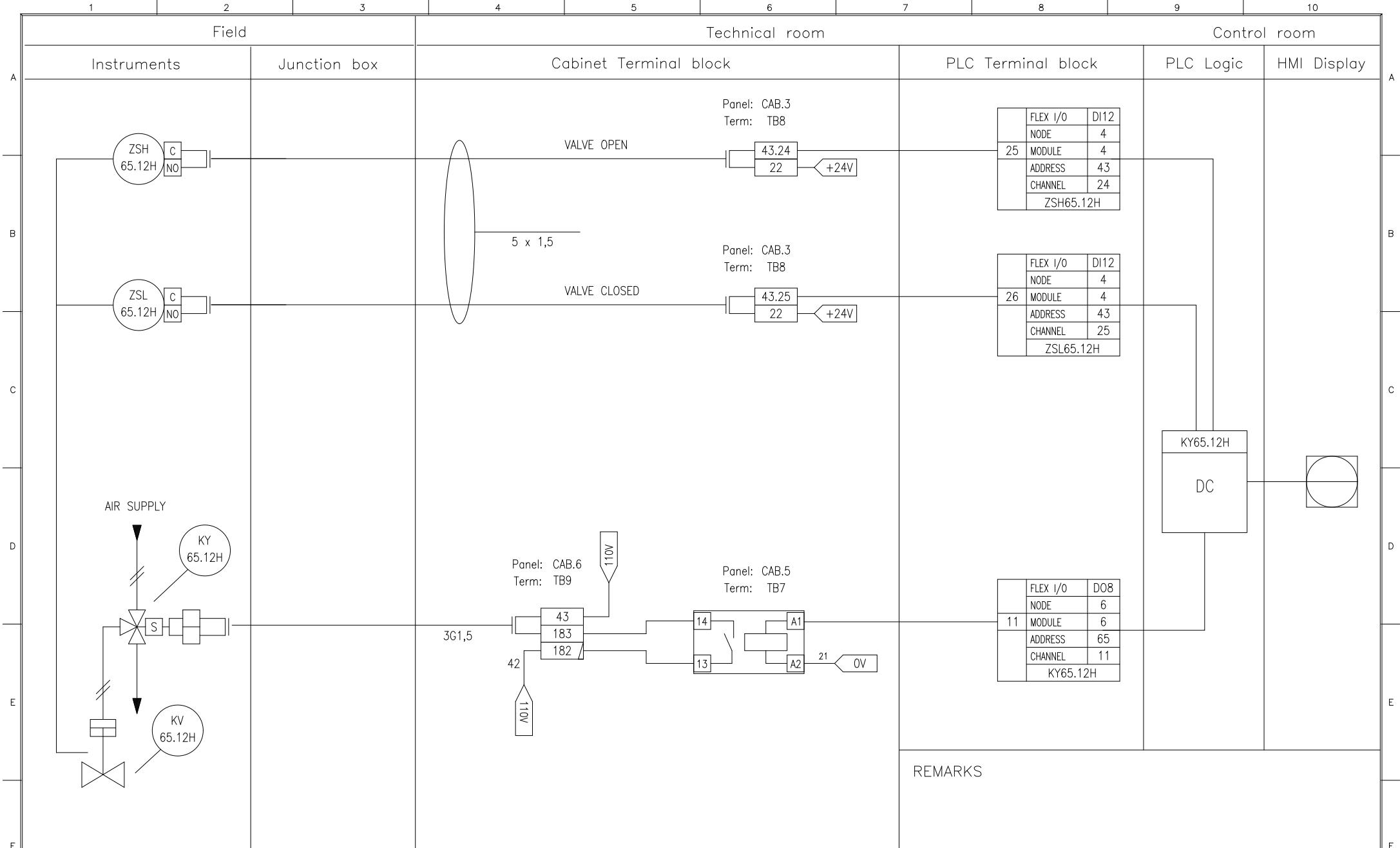
VALVE KV65.12F

Doc. 08039LD03

Job: 1E35 dwg 1E35.85.1002

sheet 218
219 n sh





UNI A5					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT

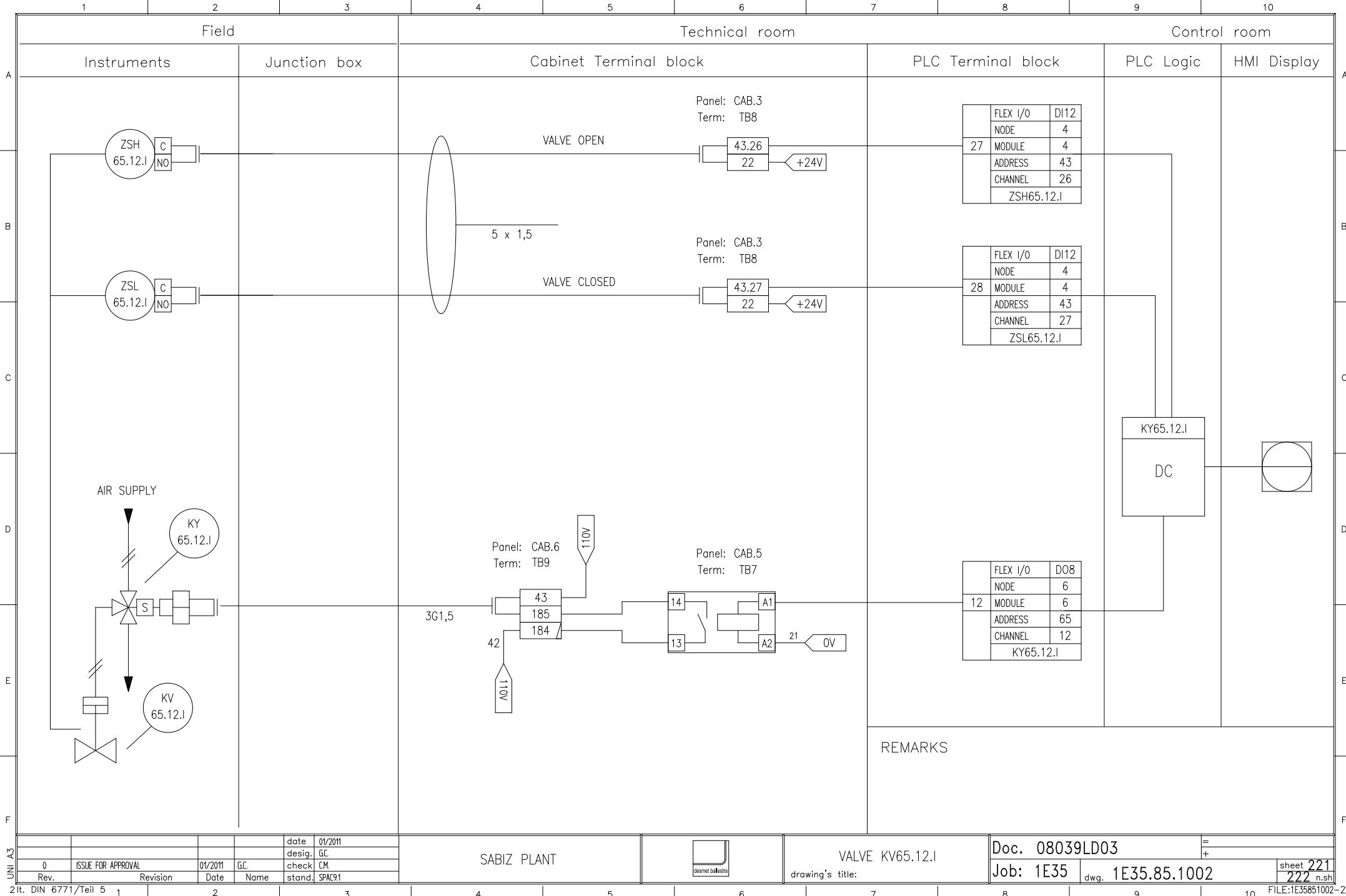


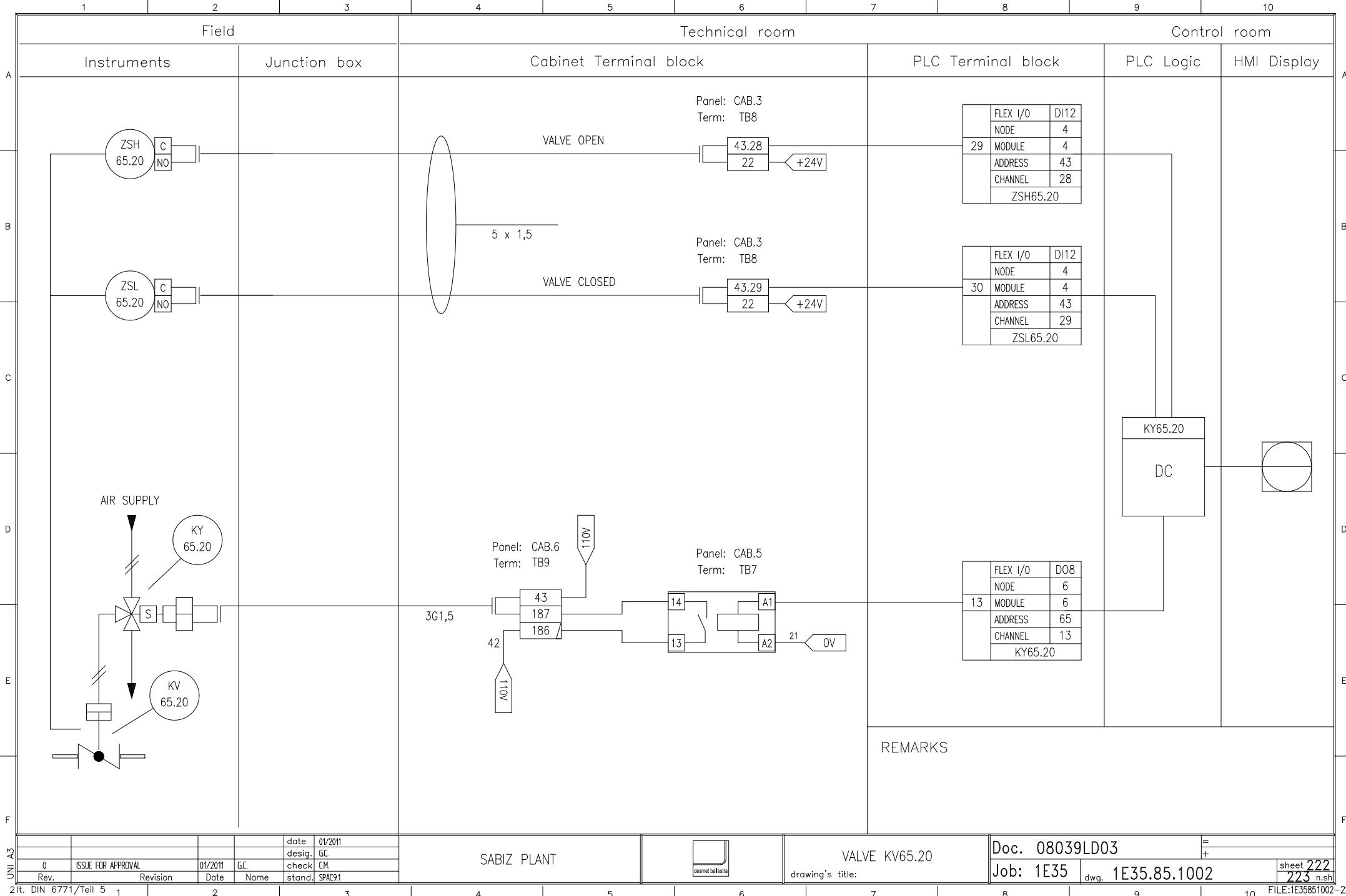
VALVE KV65.12H

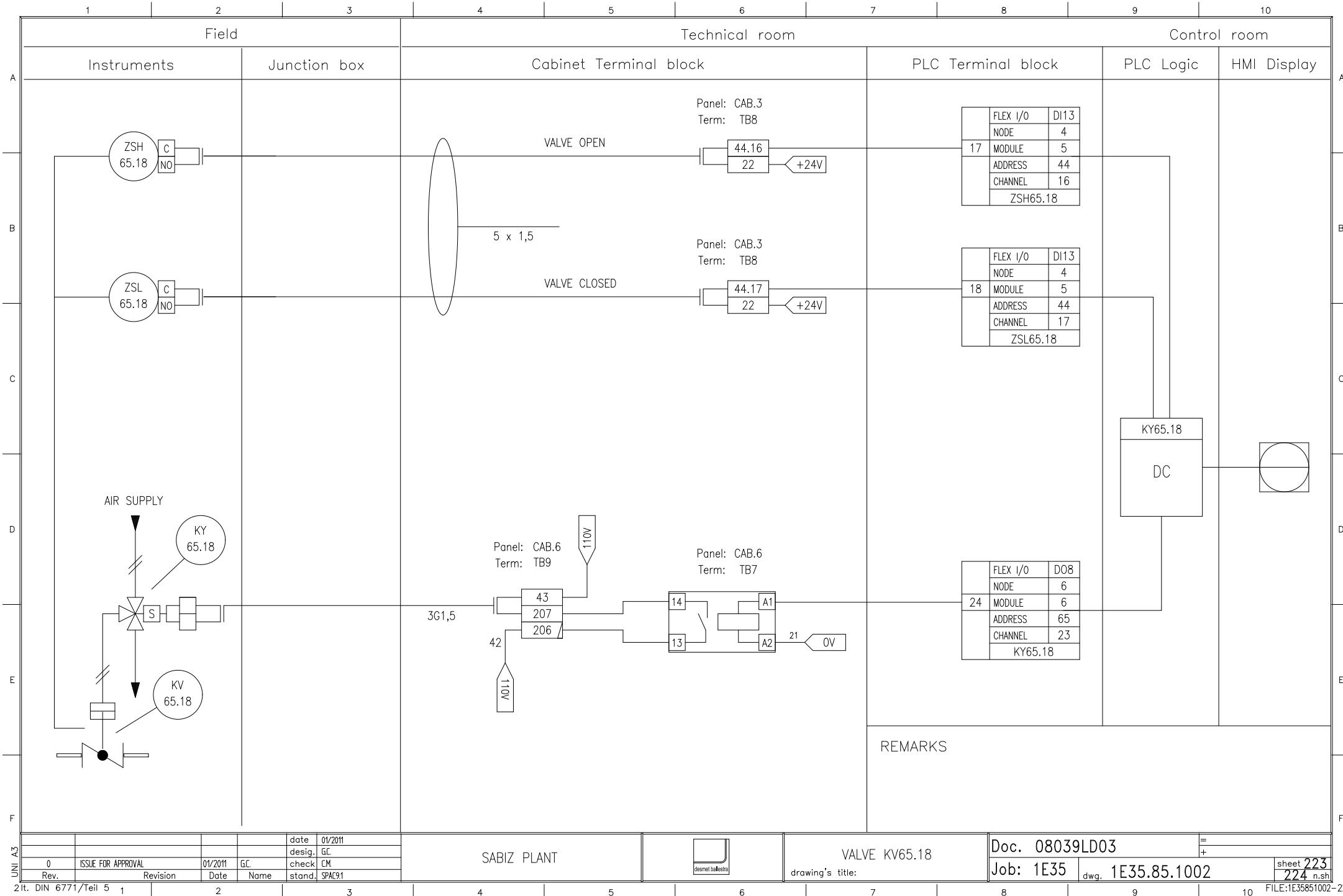
Doc. 08039LD03

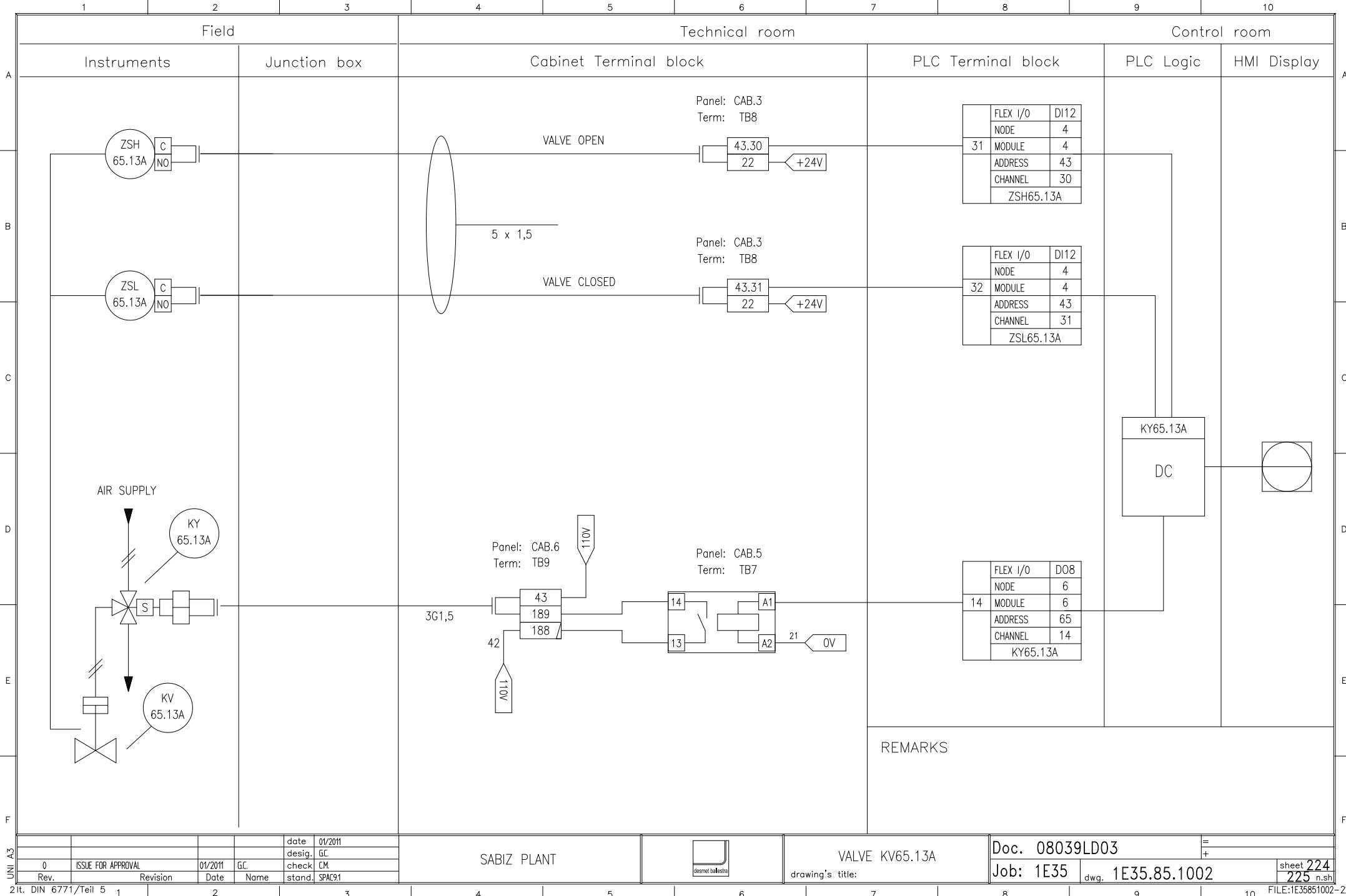
Job: 1E35 dwg 1E35.85.1002

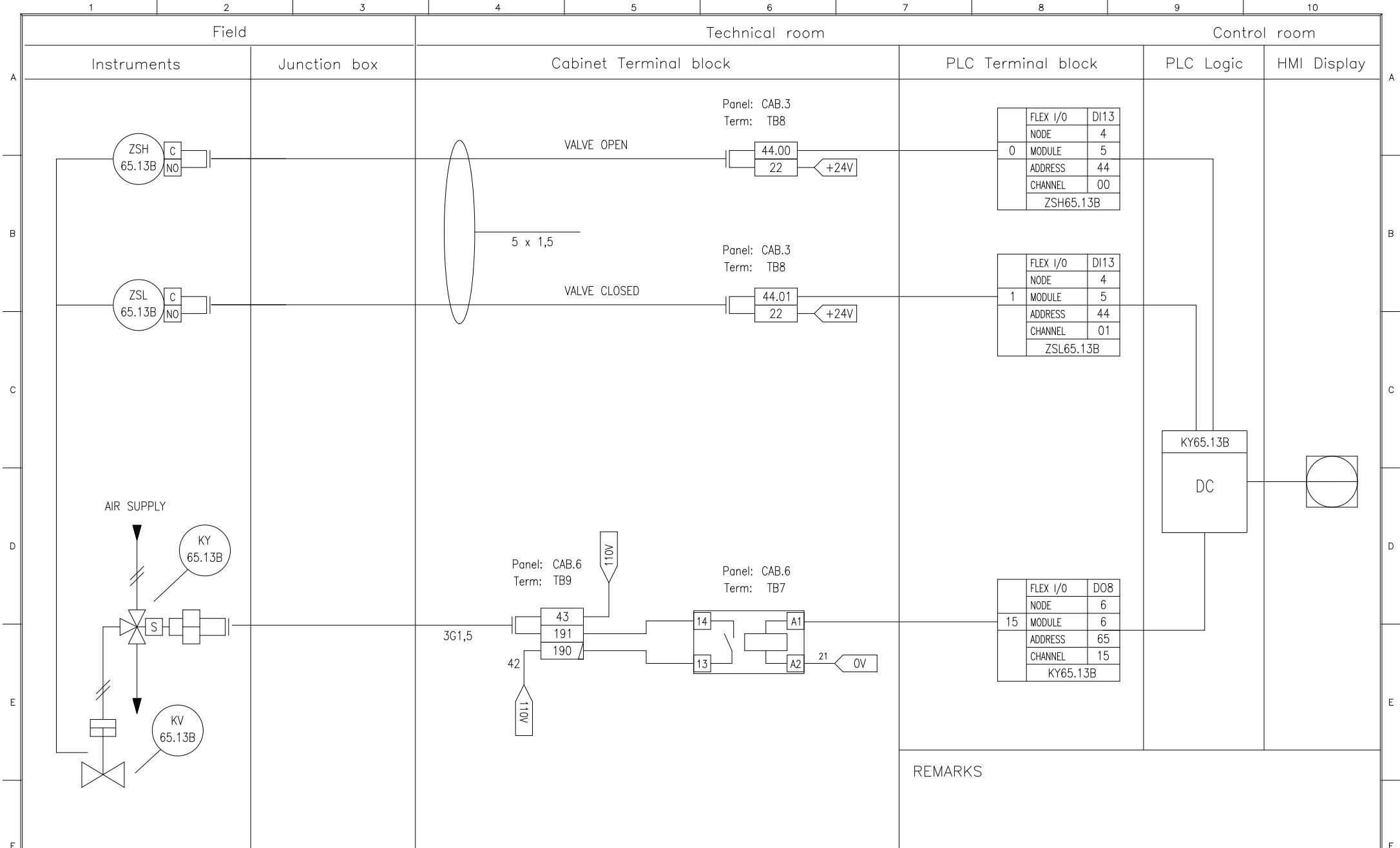
sheet 220
221 n sh











UNI A5					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT

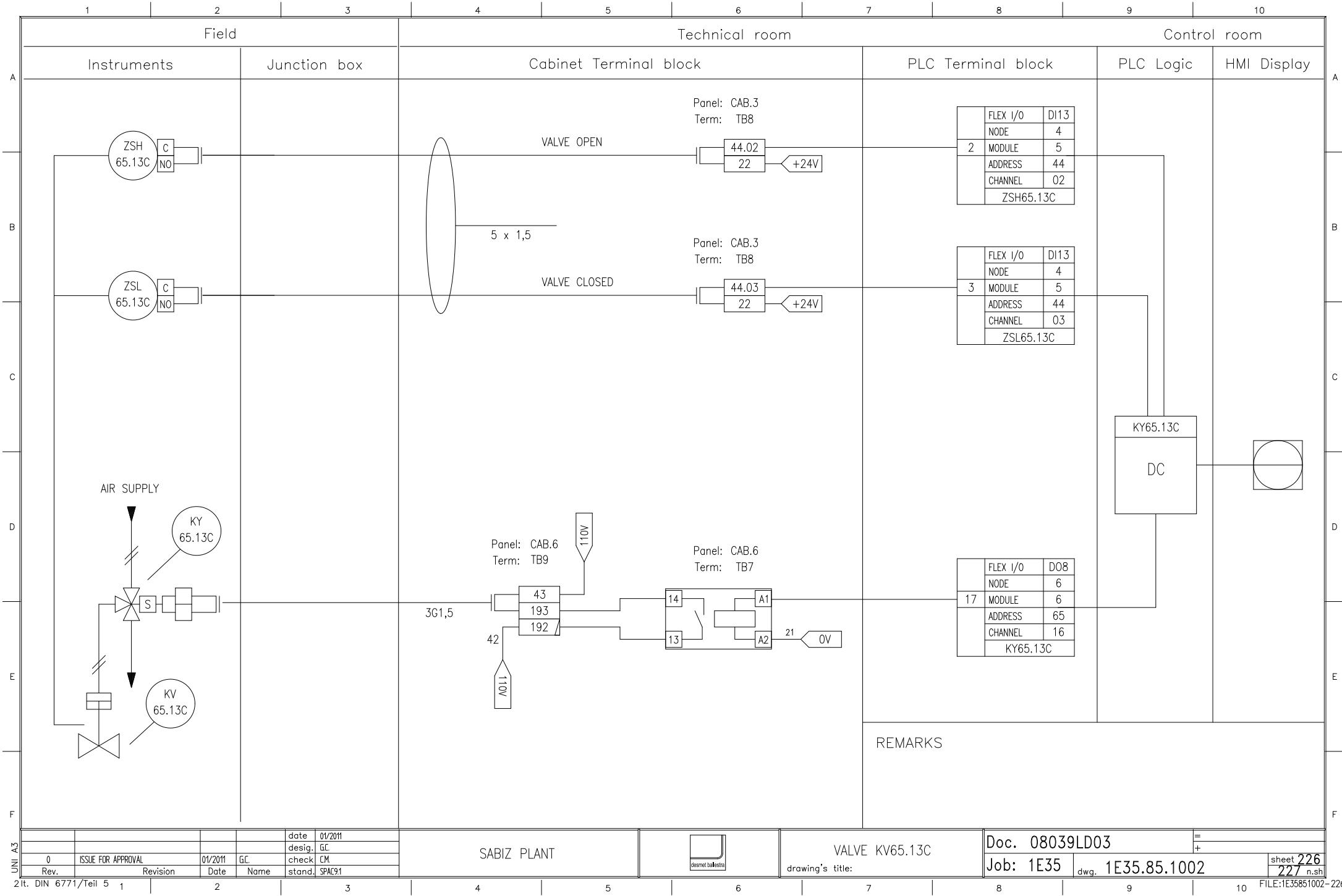


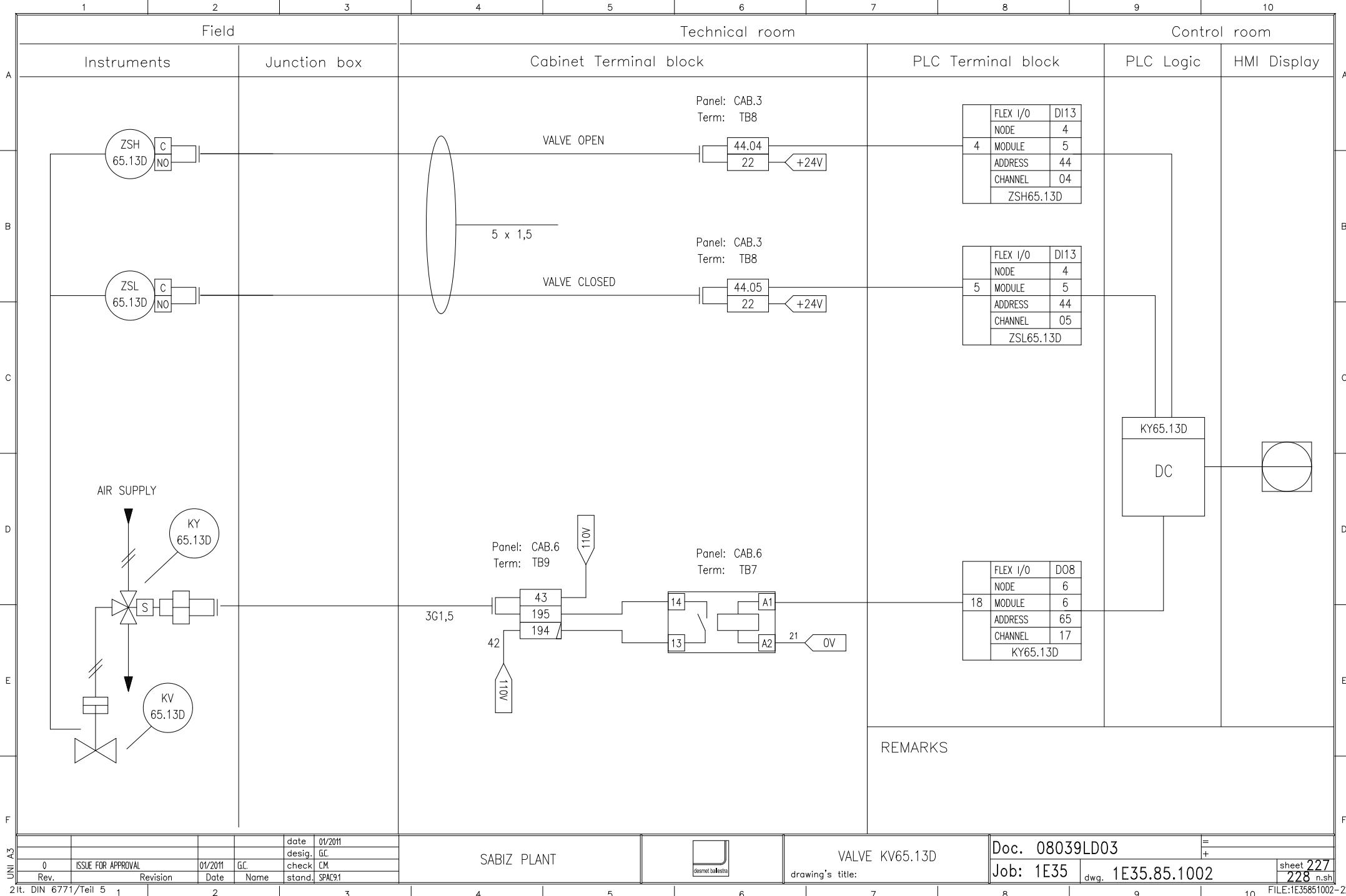
VALVE KV65.13E

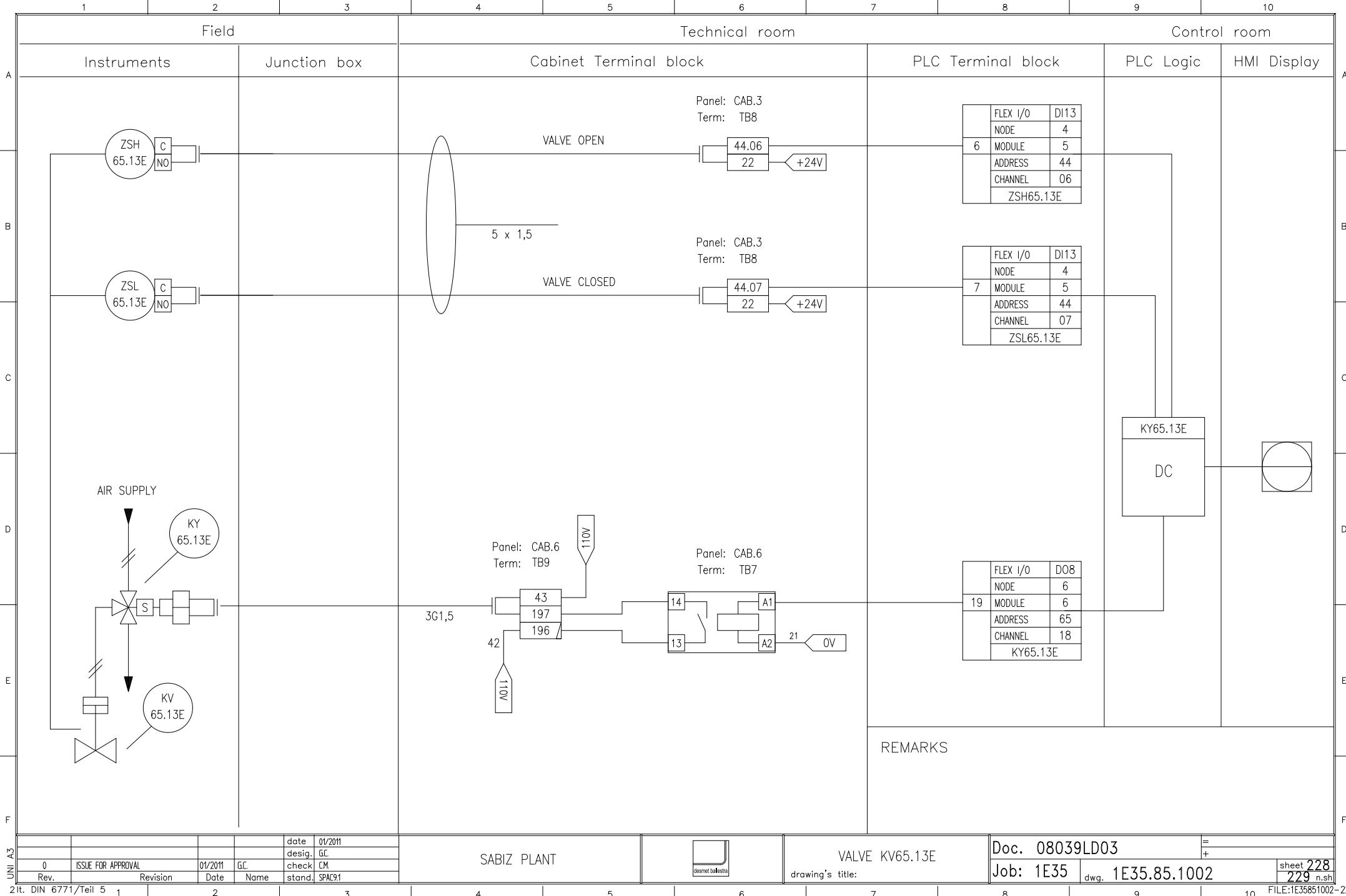
Doc. 08039LD03

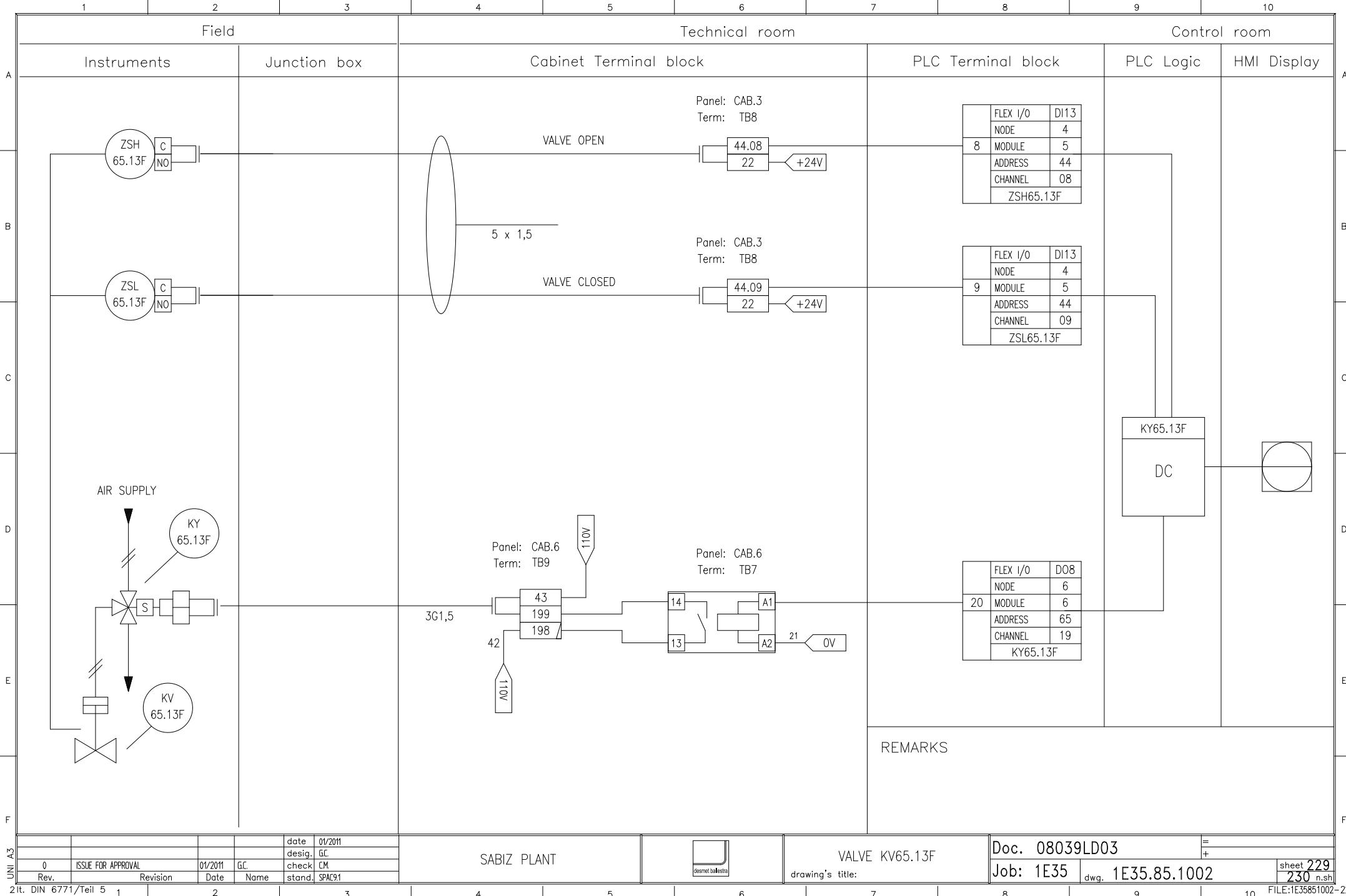
Job: 1E35 dwg 1E35.85.1002

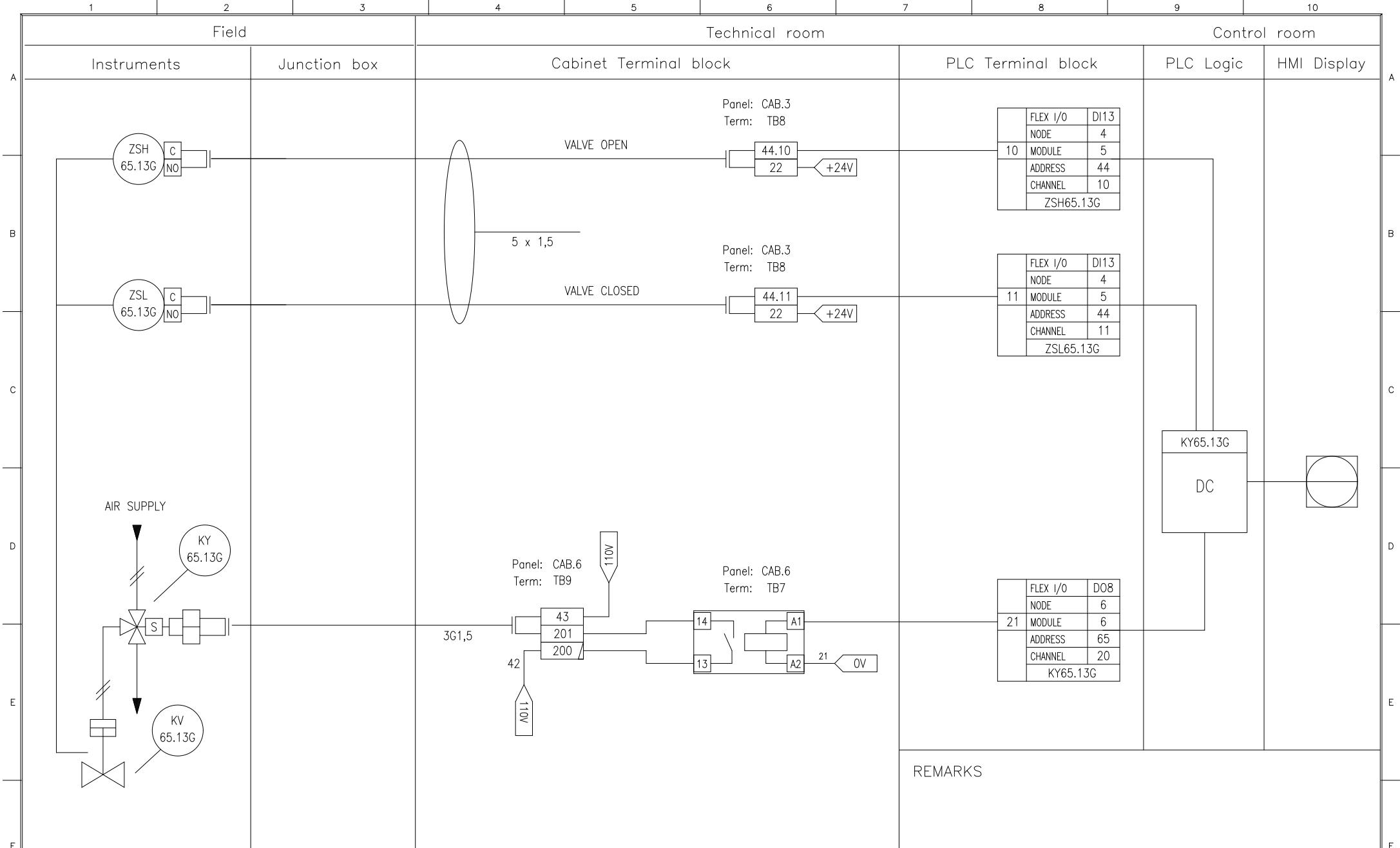
sheet 225
226 n sh











UNI A5					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT

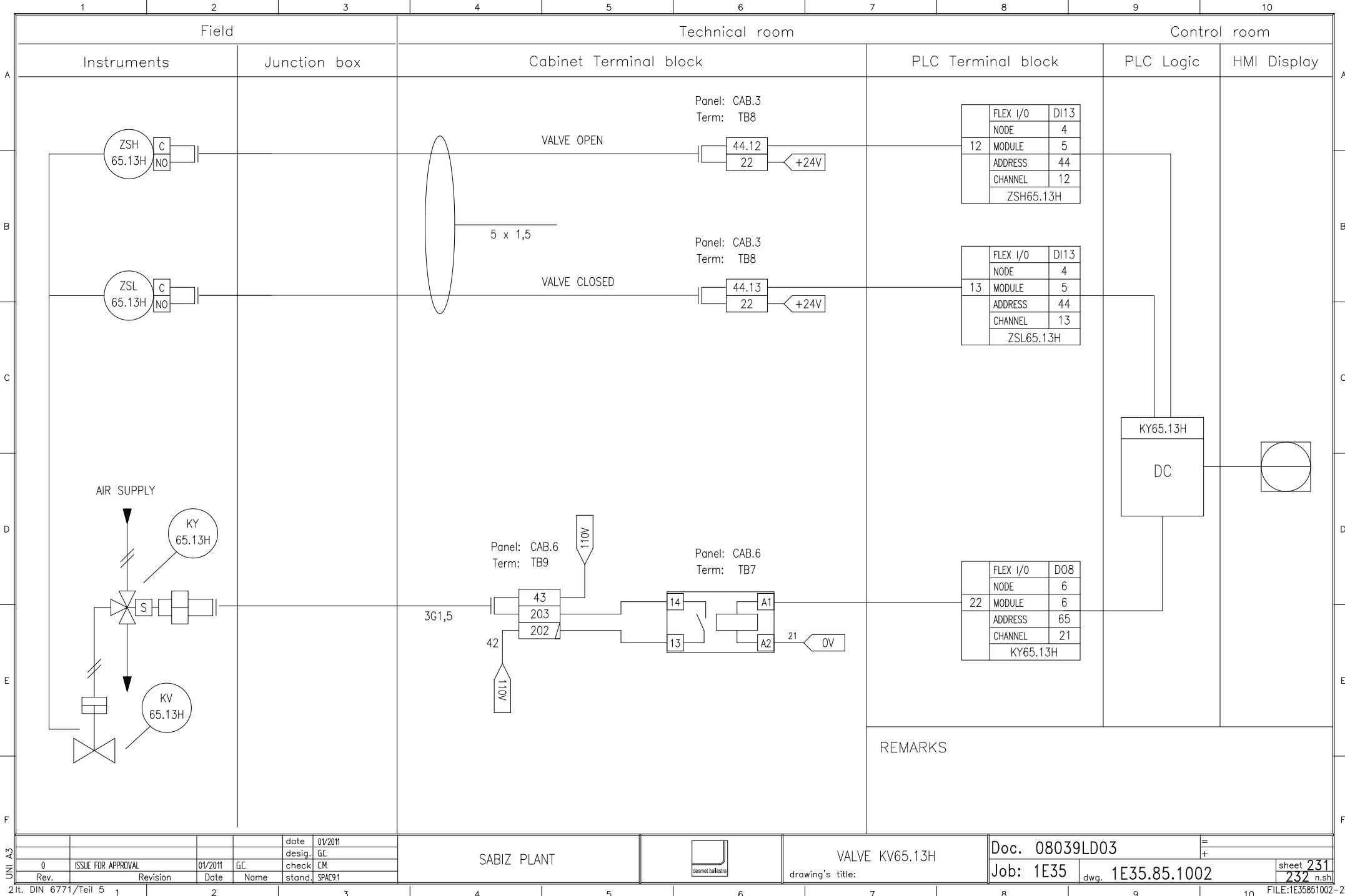


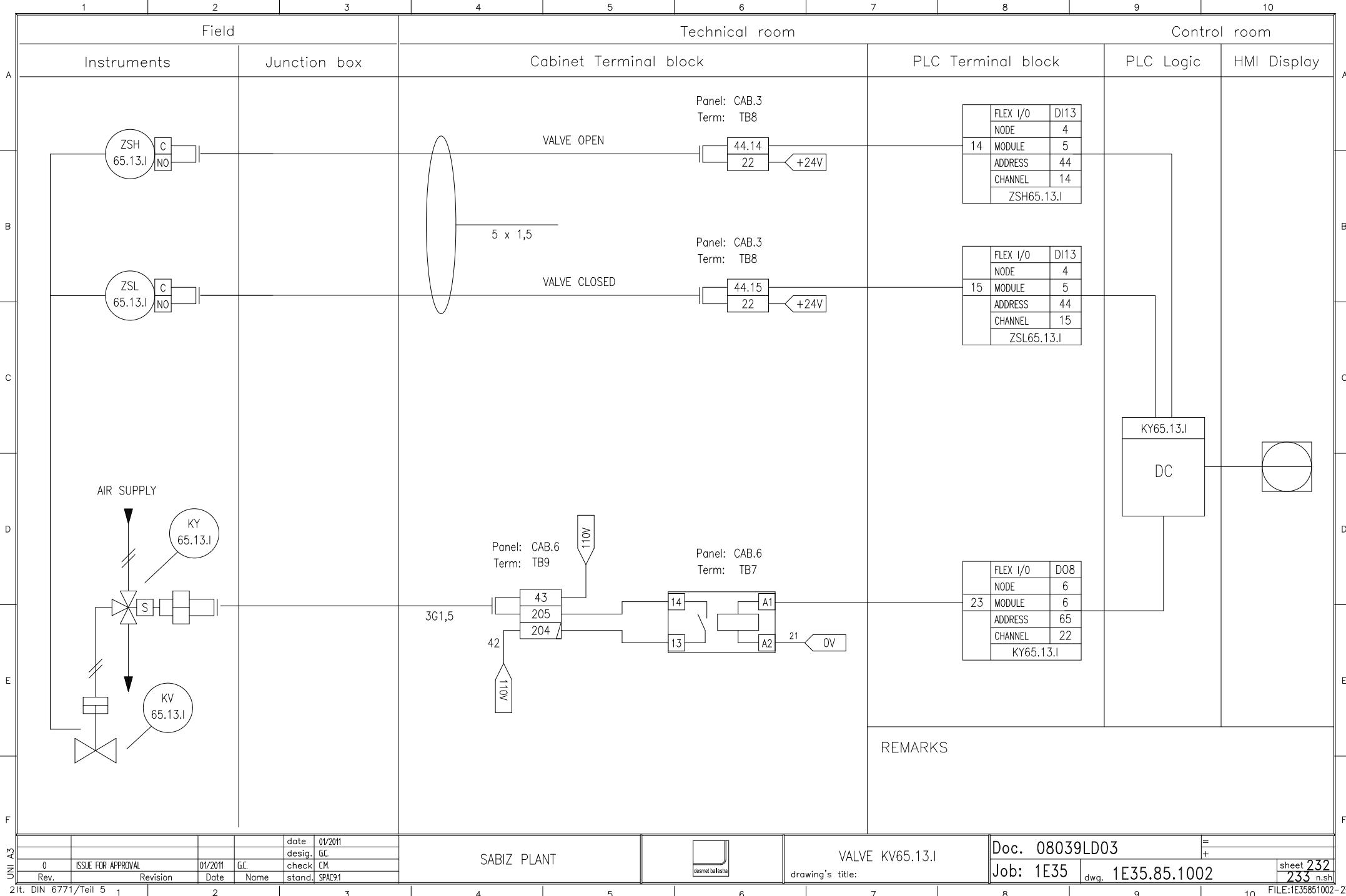
VALVE KV65.130
drawing's title:

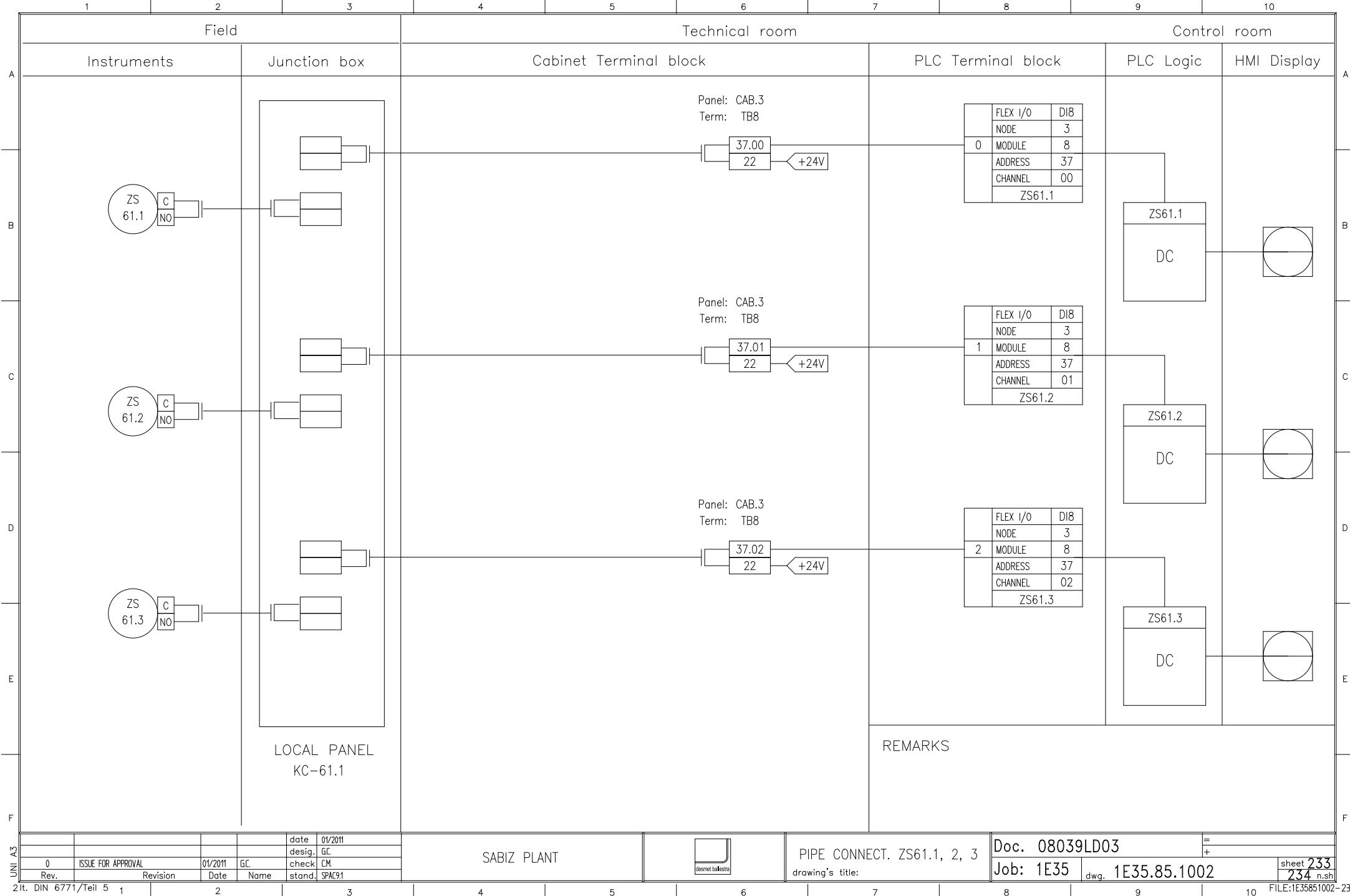
Doc. 08039LD03

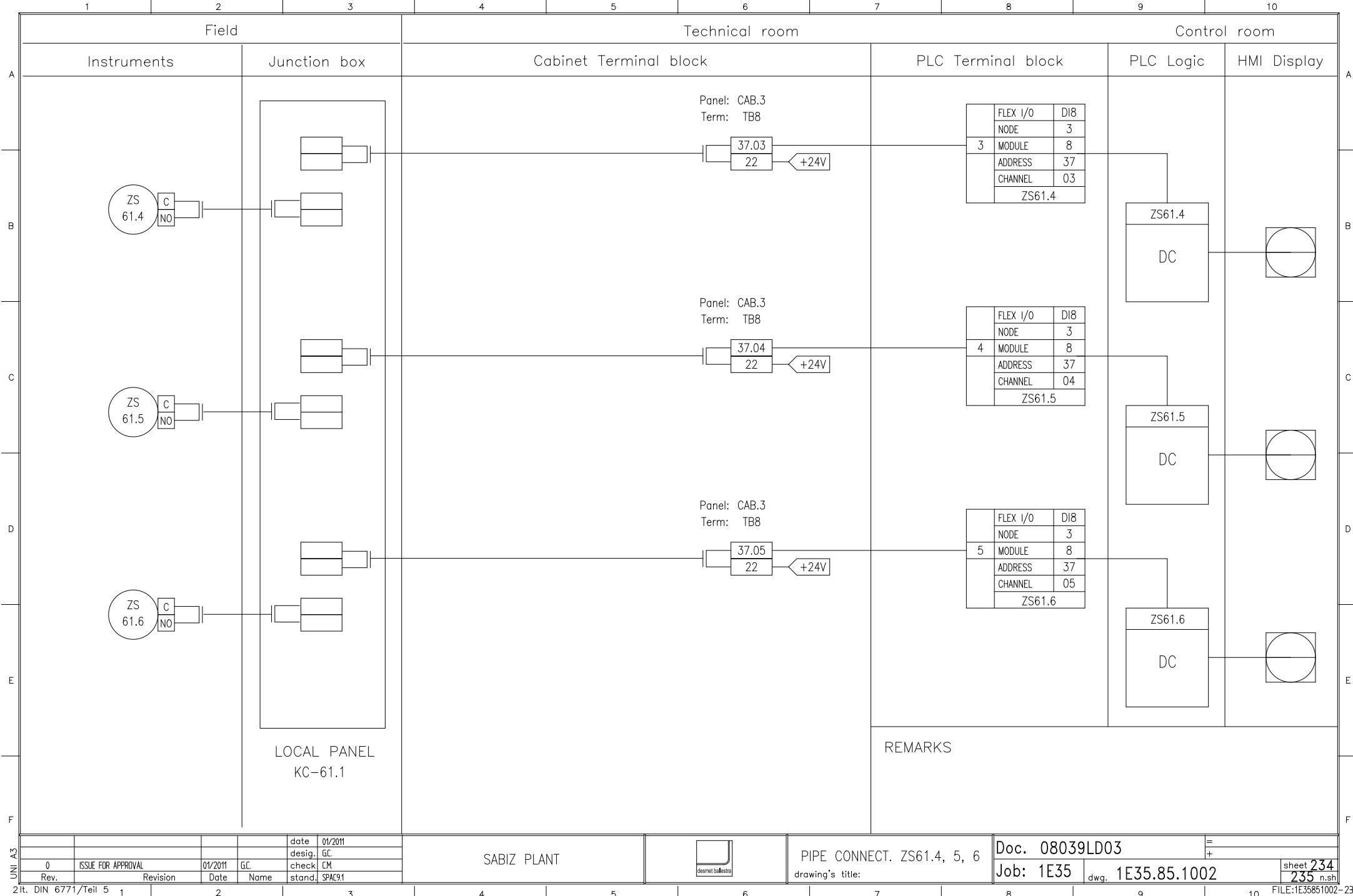
Job: 1E35 dwg 1E35.85.1002

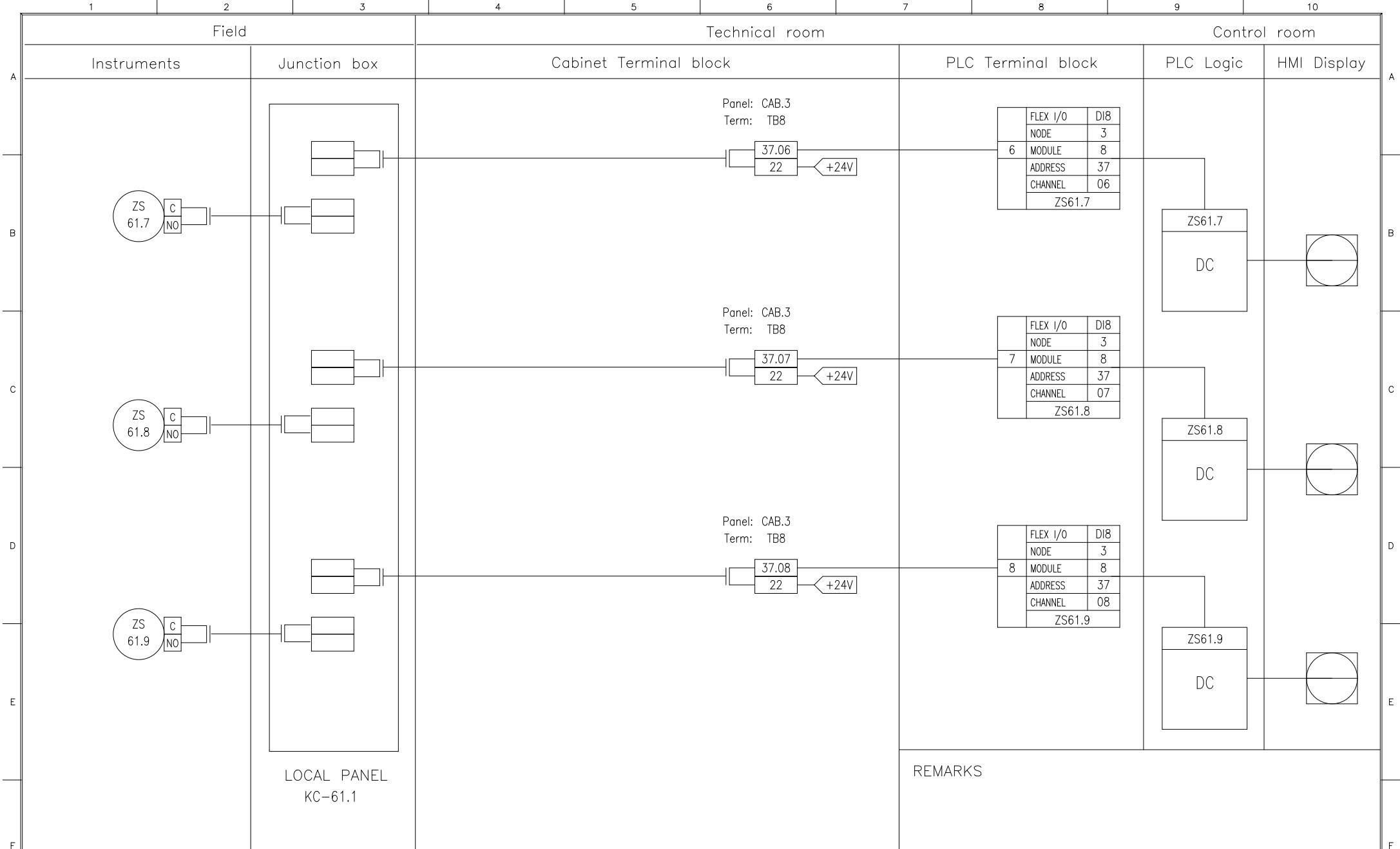
sheet 230
231 n sh











UNI A5					date 01/2011
0	ISSUE FOR APPROVAL	01/2011	GC	check CM	desig. GC
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



PIPE CONNECT. ZS61.7, 8, 9
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

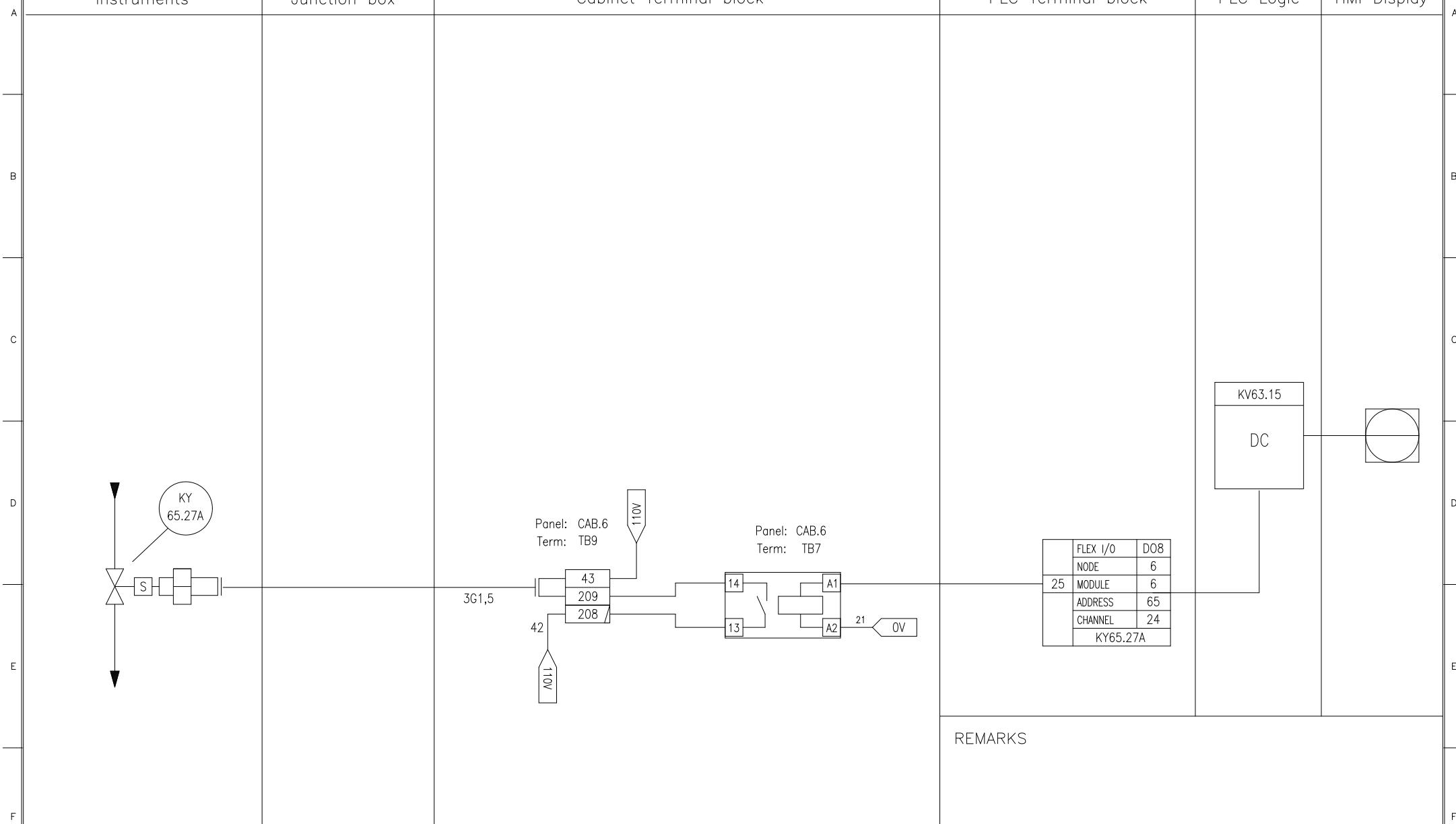
sheet 235
236 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



UNI A3					date 01/2011
					desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM	
Rev.	Revision	Date	Name	stand. SPAC91	

SABIZ PLANT

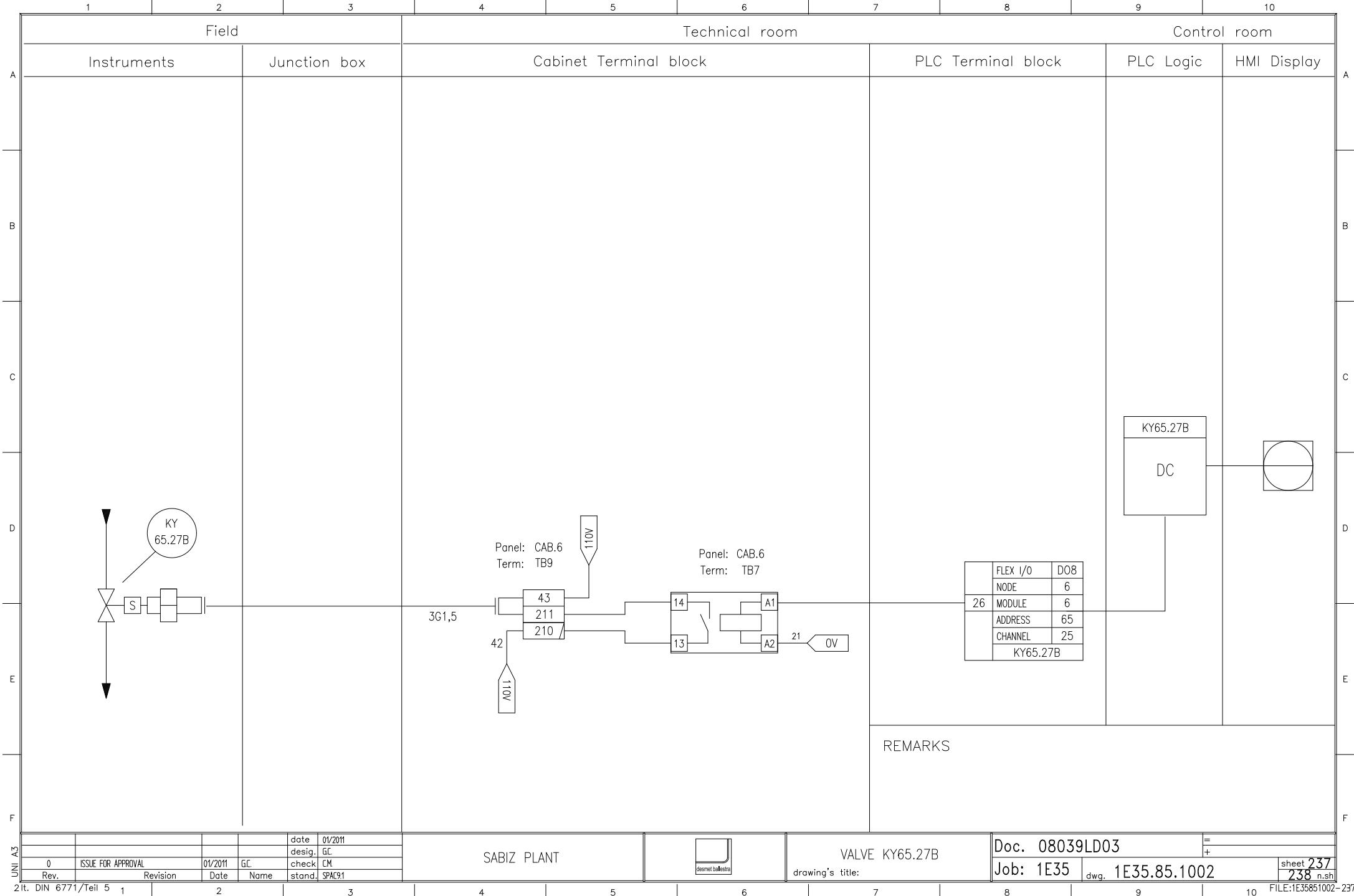


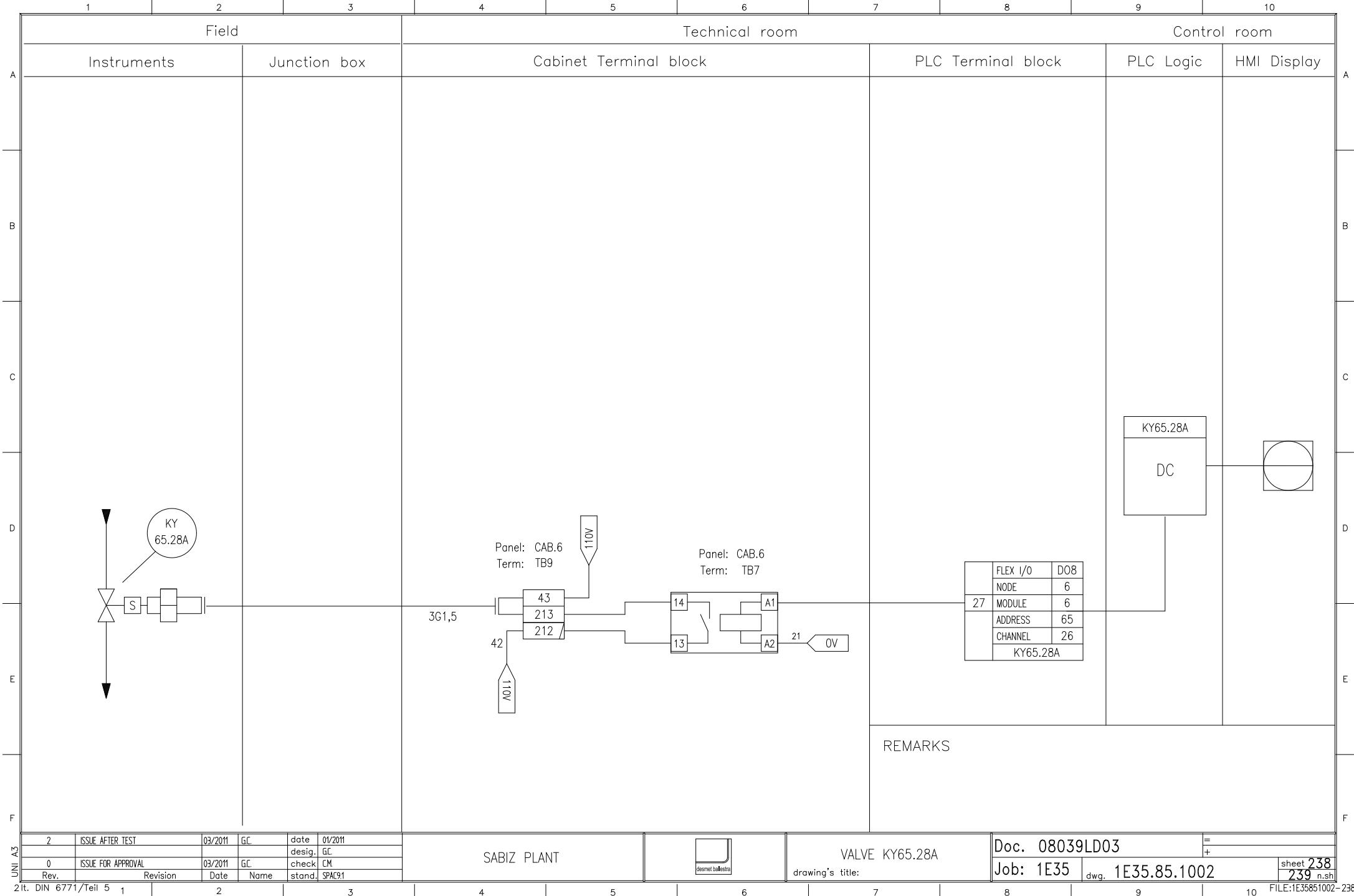
VALVE KY65.27A

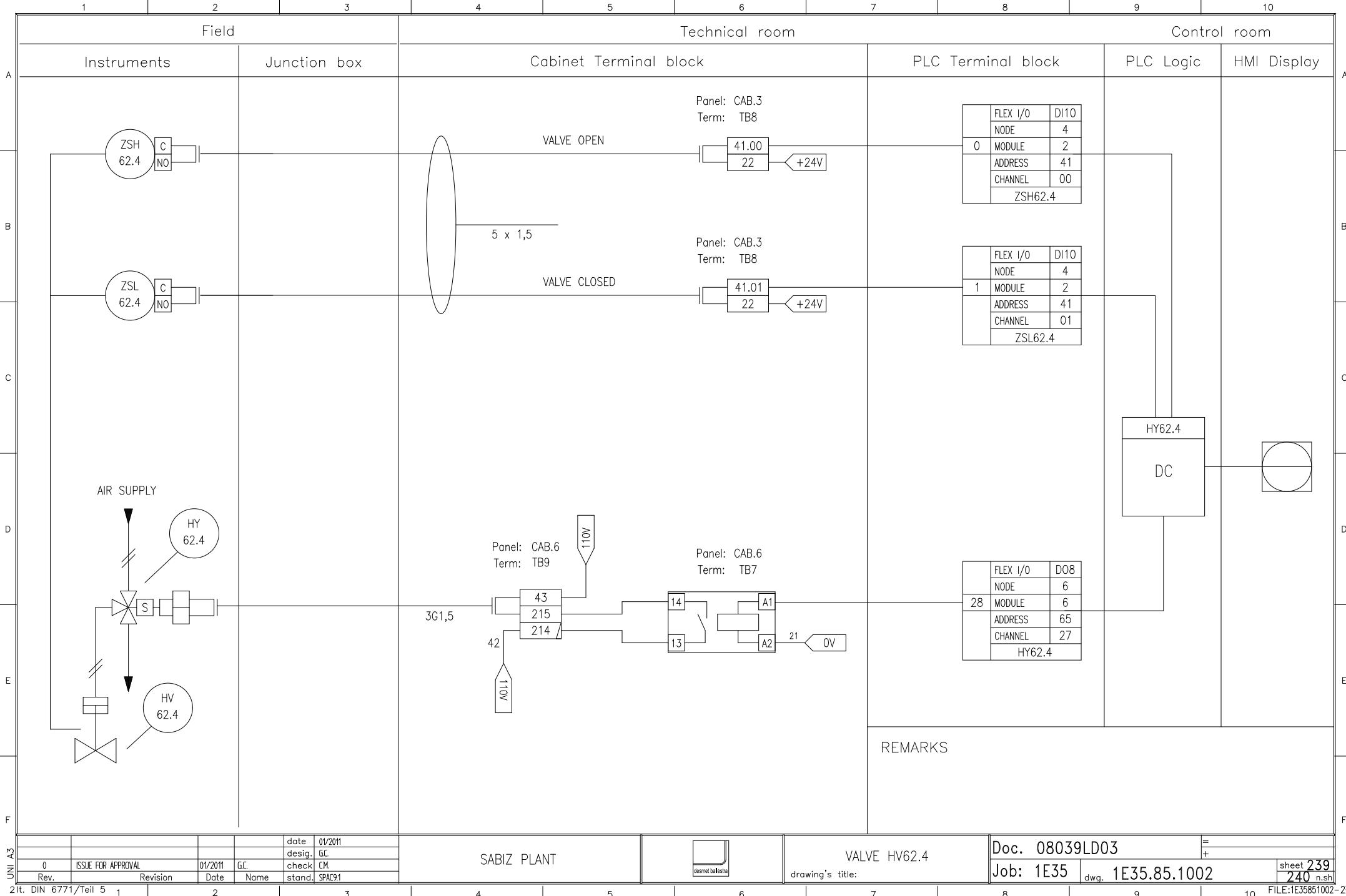
Doc. 08039LD03

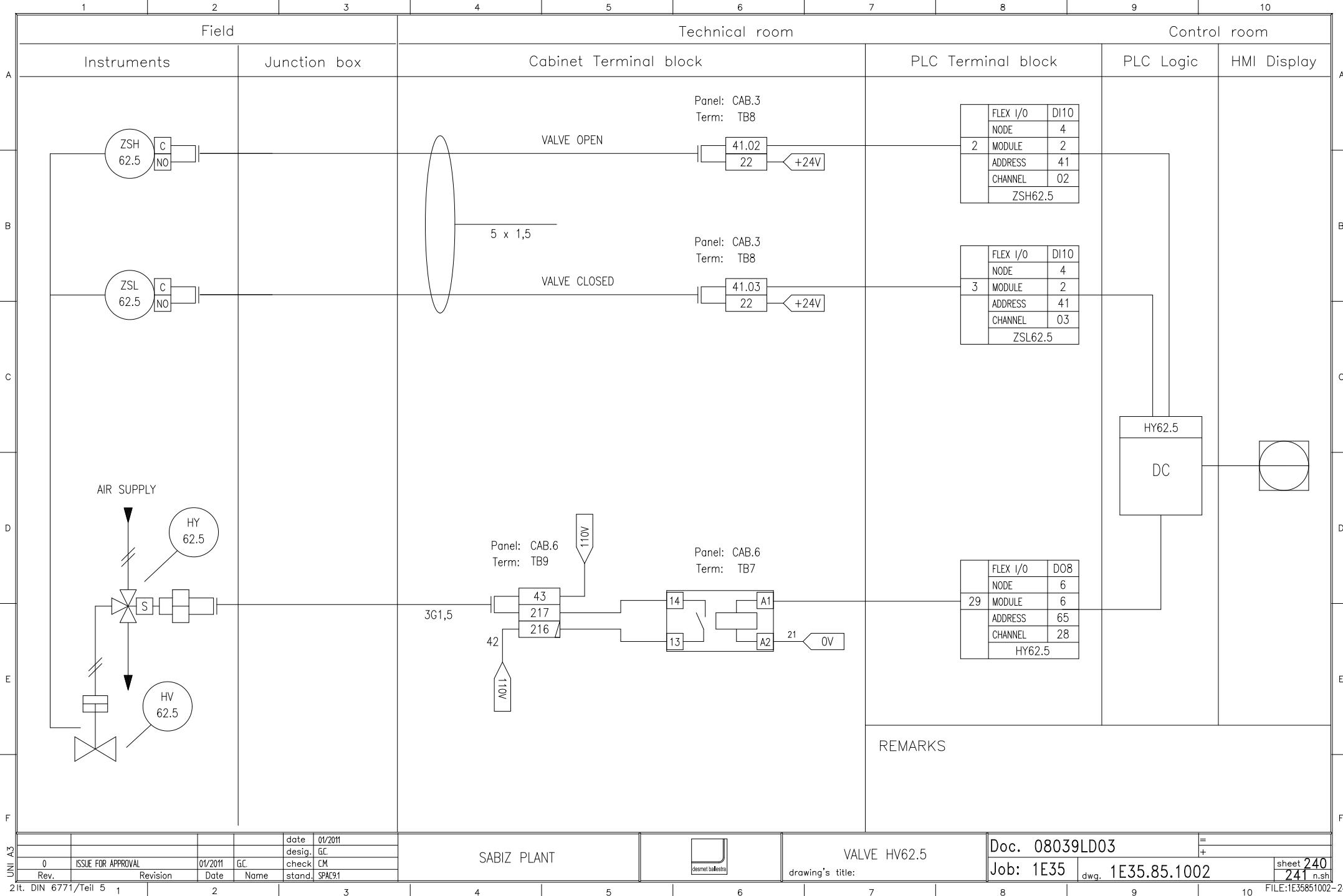
Job: 1E35 dwg. 1E35.85.1002

sheet 236
237 n.sh









1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room

	Instruments	Junction box	Cabinet	Terminal block	PLC	Terminal block	PLC Logic	HMI Display	
A									A
B									B
C									C
D									D
E									E
F							REMARKS		F

UNI A3					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT



SPARE SHEET

drawing's title:

Doc. 08039LD03

=

Job: 1E35

+

dwg. 1E35.85.1002

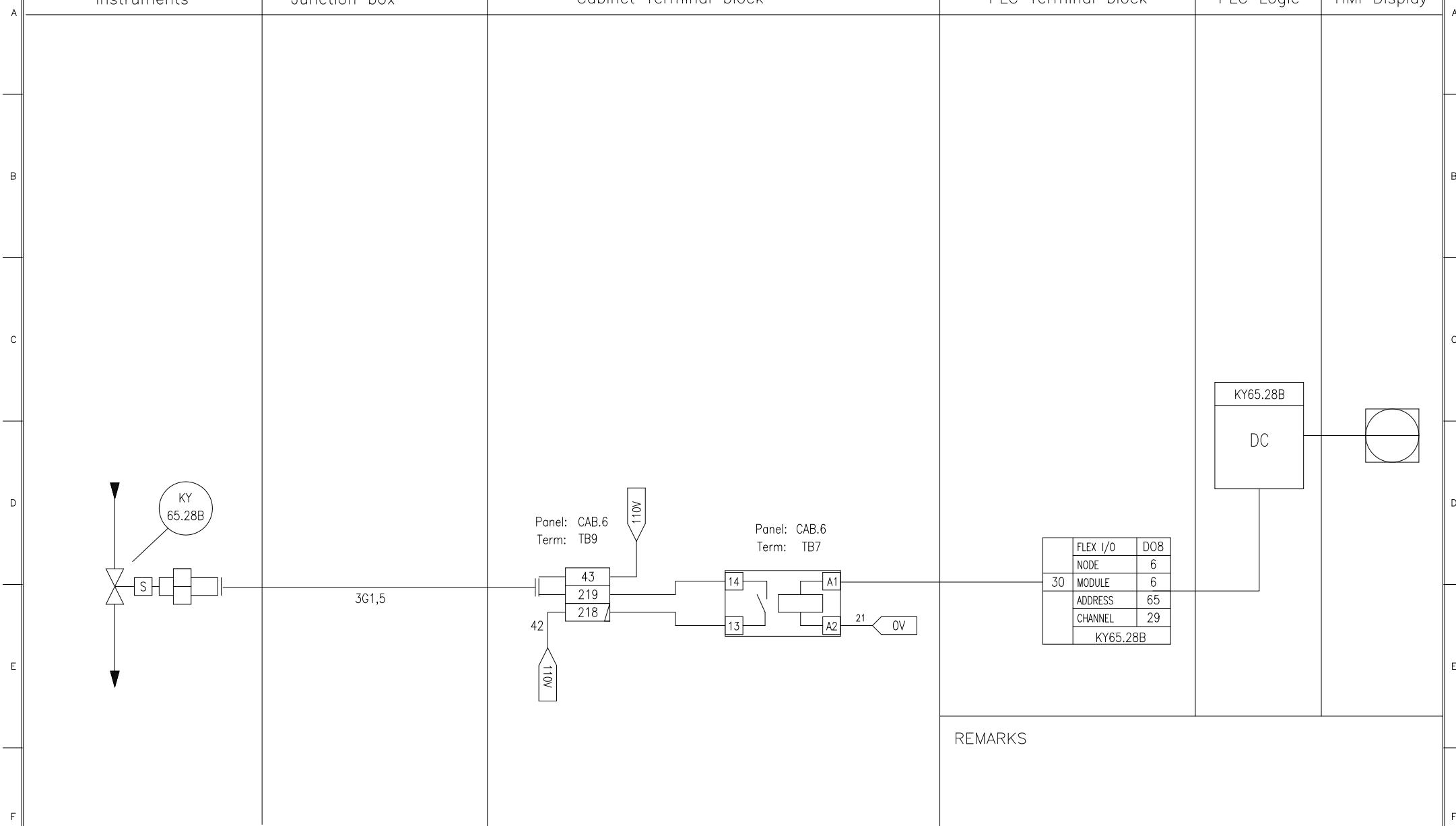
sheet 241
242 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



2	ISSUE AFTER TEST	03/2011	GC	date 01/2011
			desig. GL	
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT



VALVE KY65.28B

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

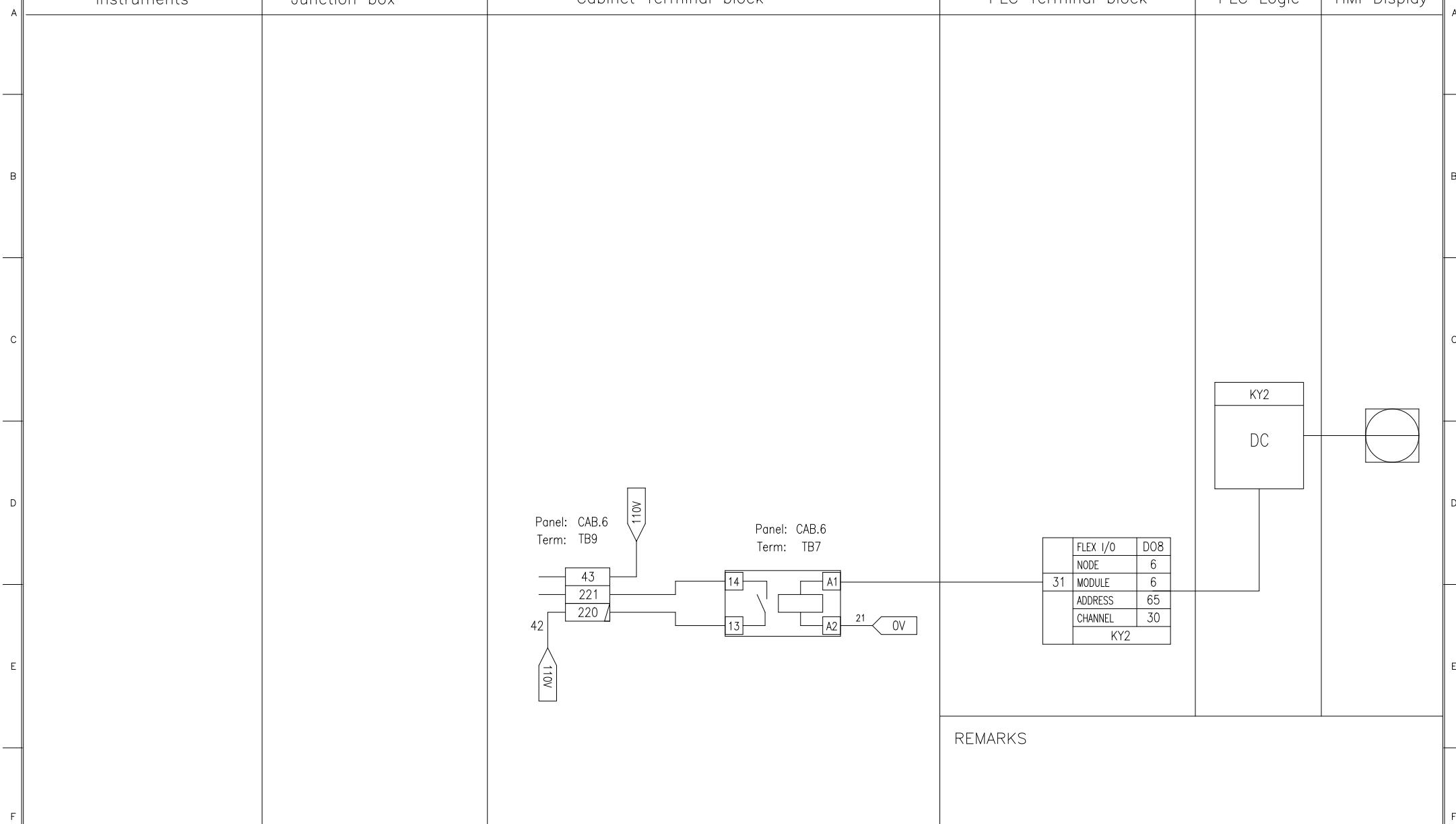
sheet 242
243 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT



SPARE VALVE KY2

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

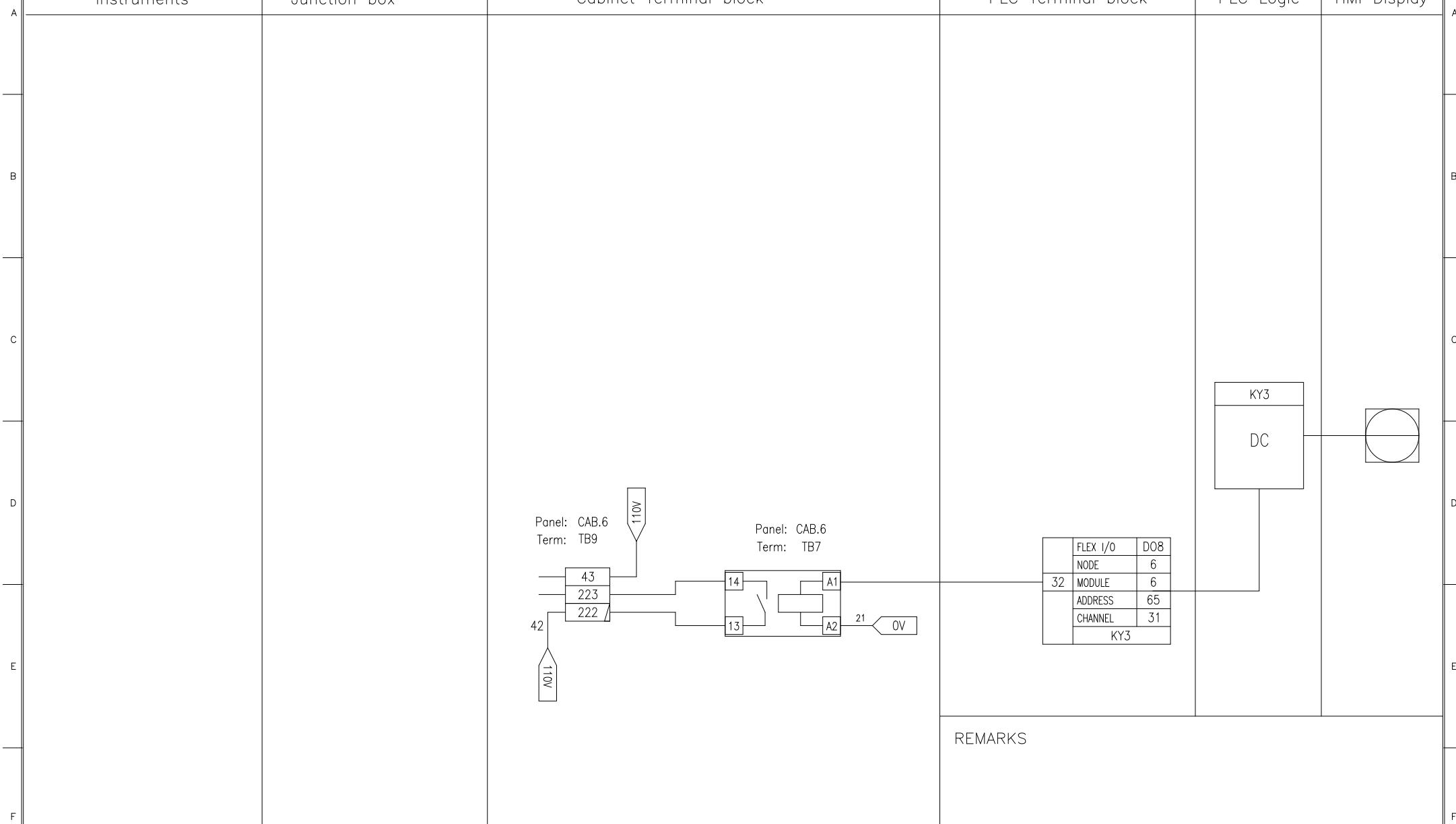
sheet 243
244 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



UNI A3					date 01/2011
					desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



SPARE VALVE KY3

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

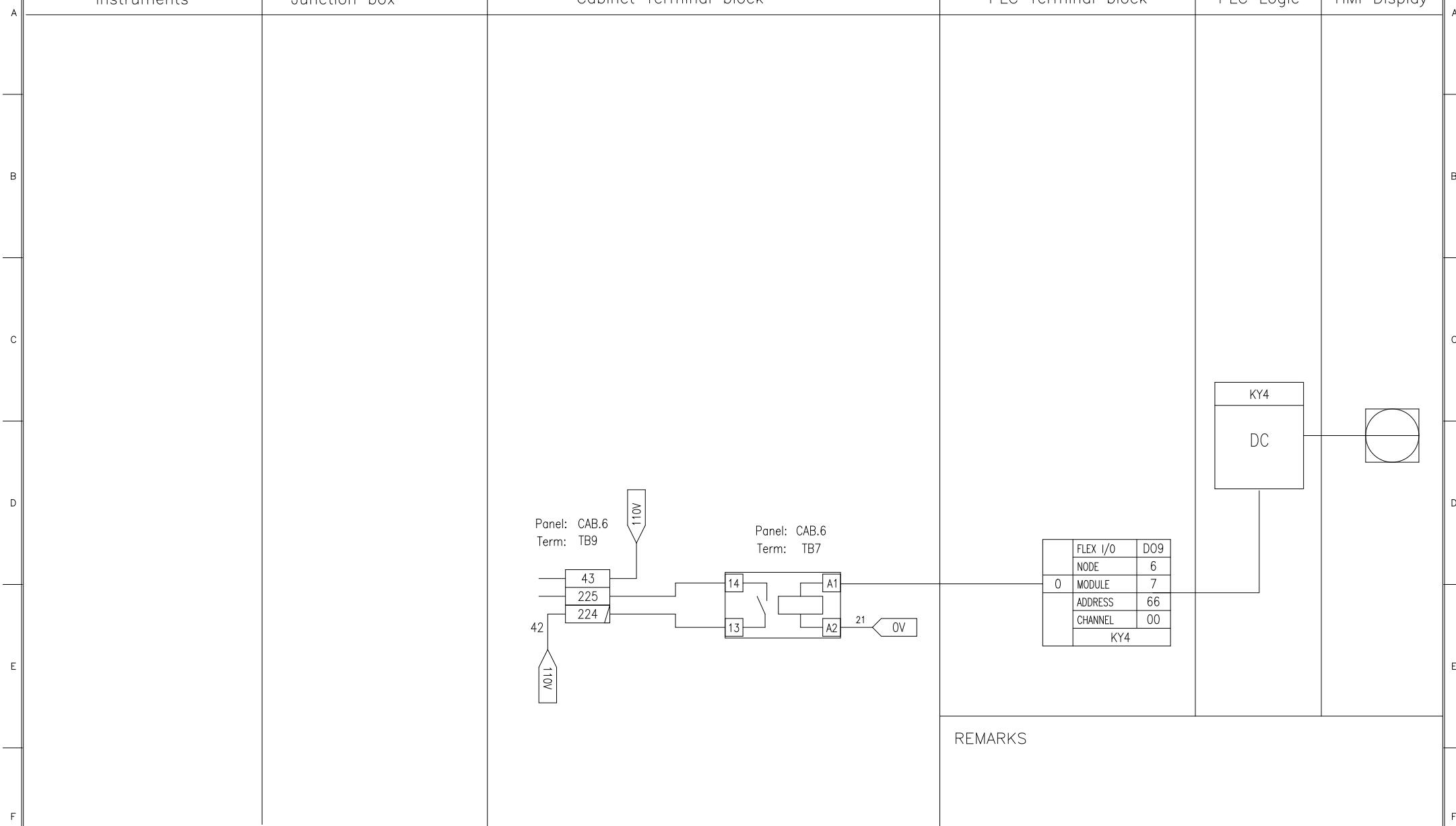
sheet 244
245 n.sh

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

Field

Technical room

Control room



UNI A3					date 01/2011
					desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM	
Rev.	Revision	Date	Name	stand. SPAC91	

SABIZ PLANT



SPARE VALVE KY4

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

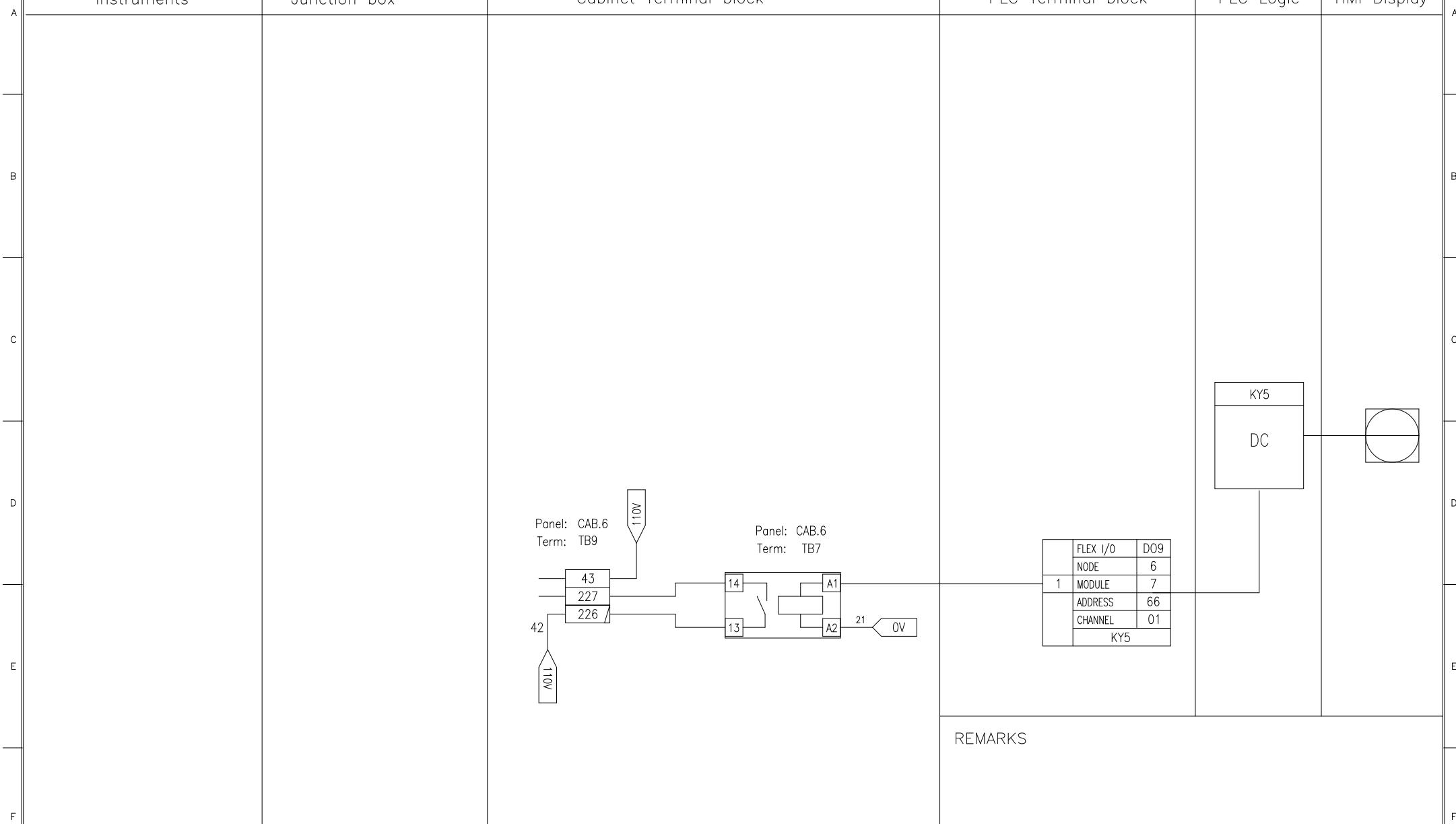
sheet 245
246 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



SPARE VALVE KY5

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

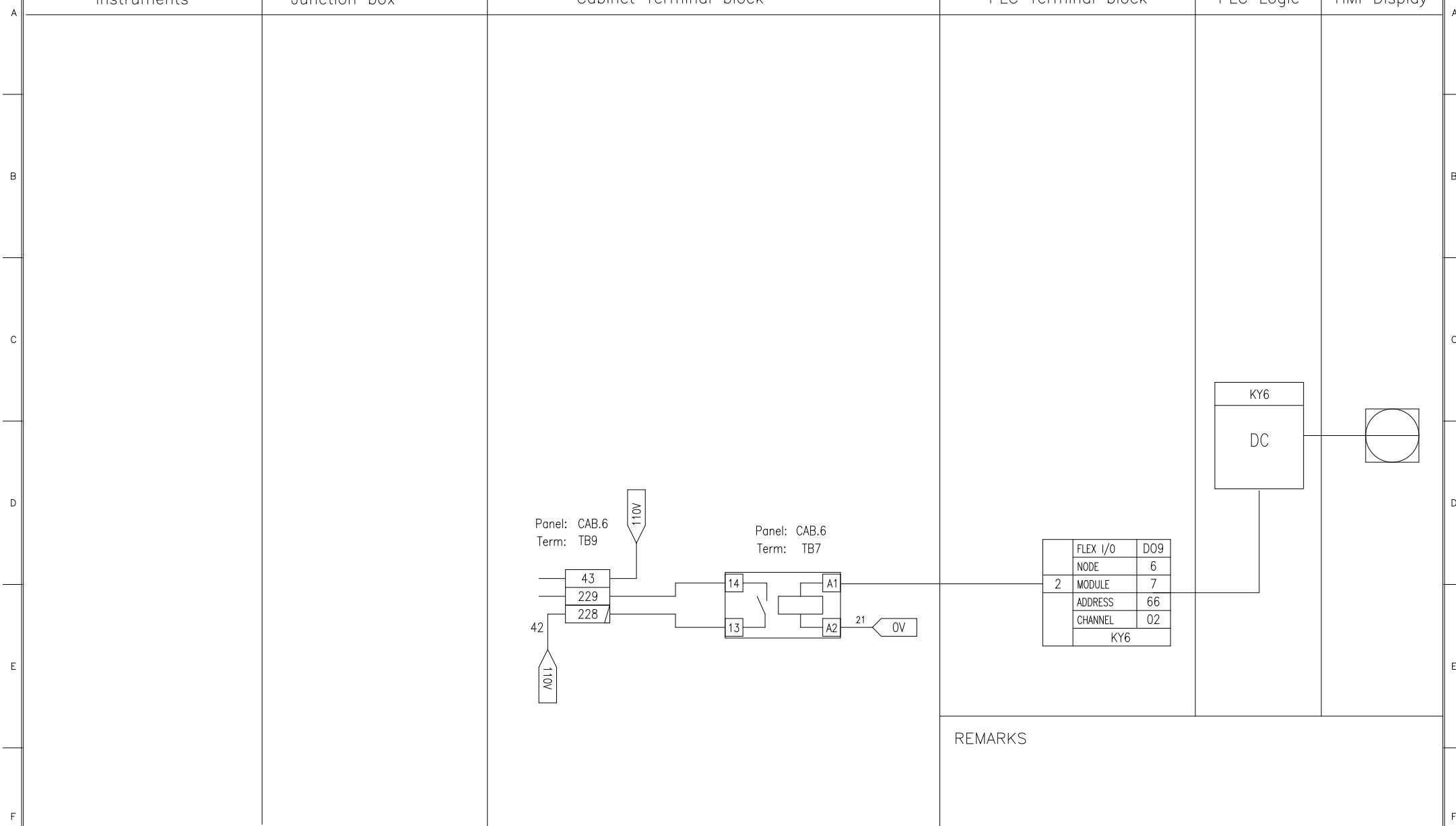
sheet 246
247 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT



SPARE VALVE KY6

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

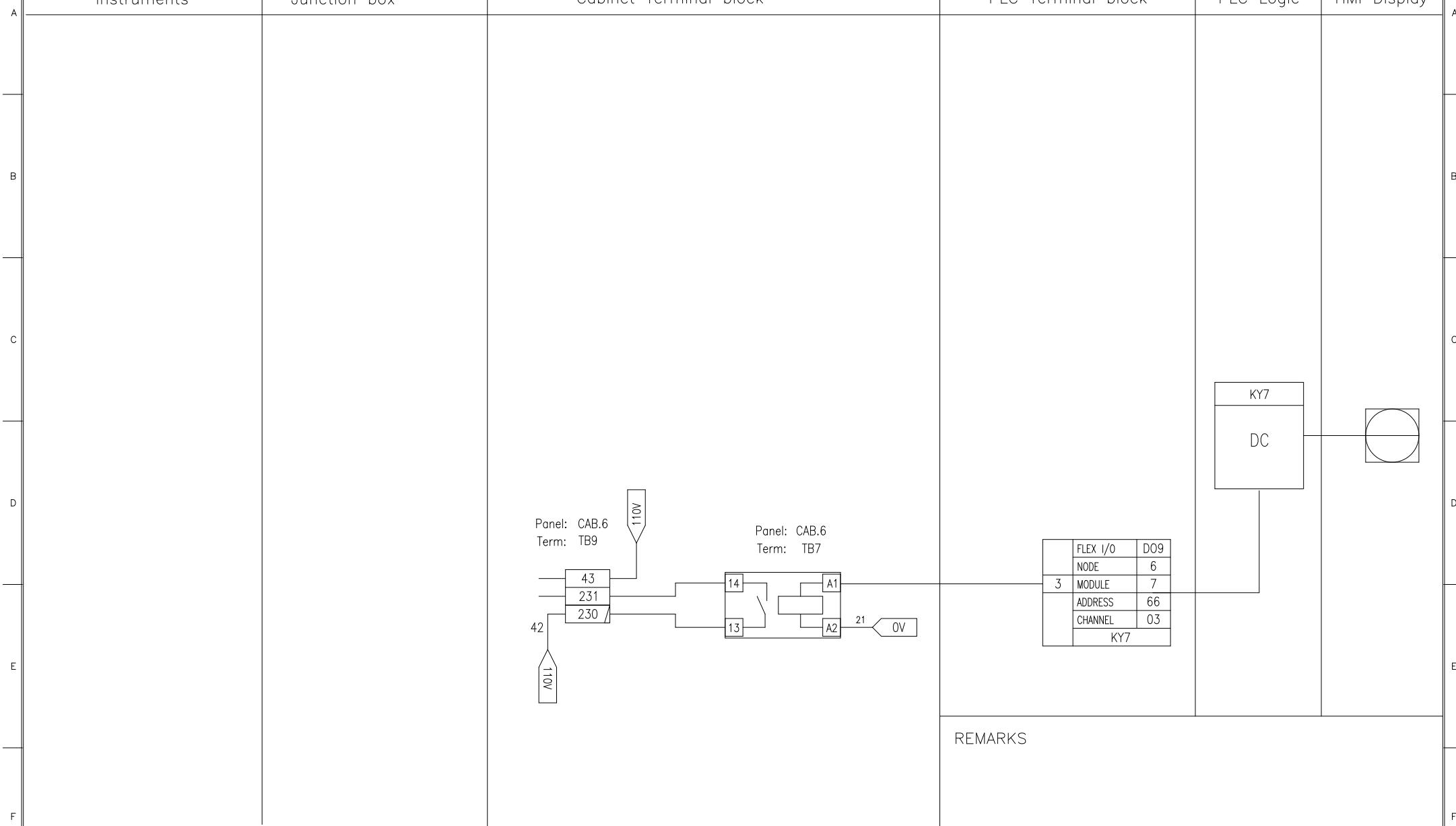
sheet 247
248 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT



SPARE VALVE KY7

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

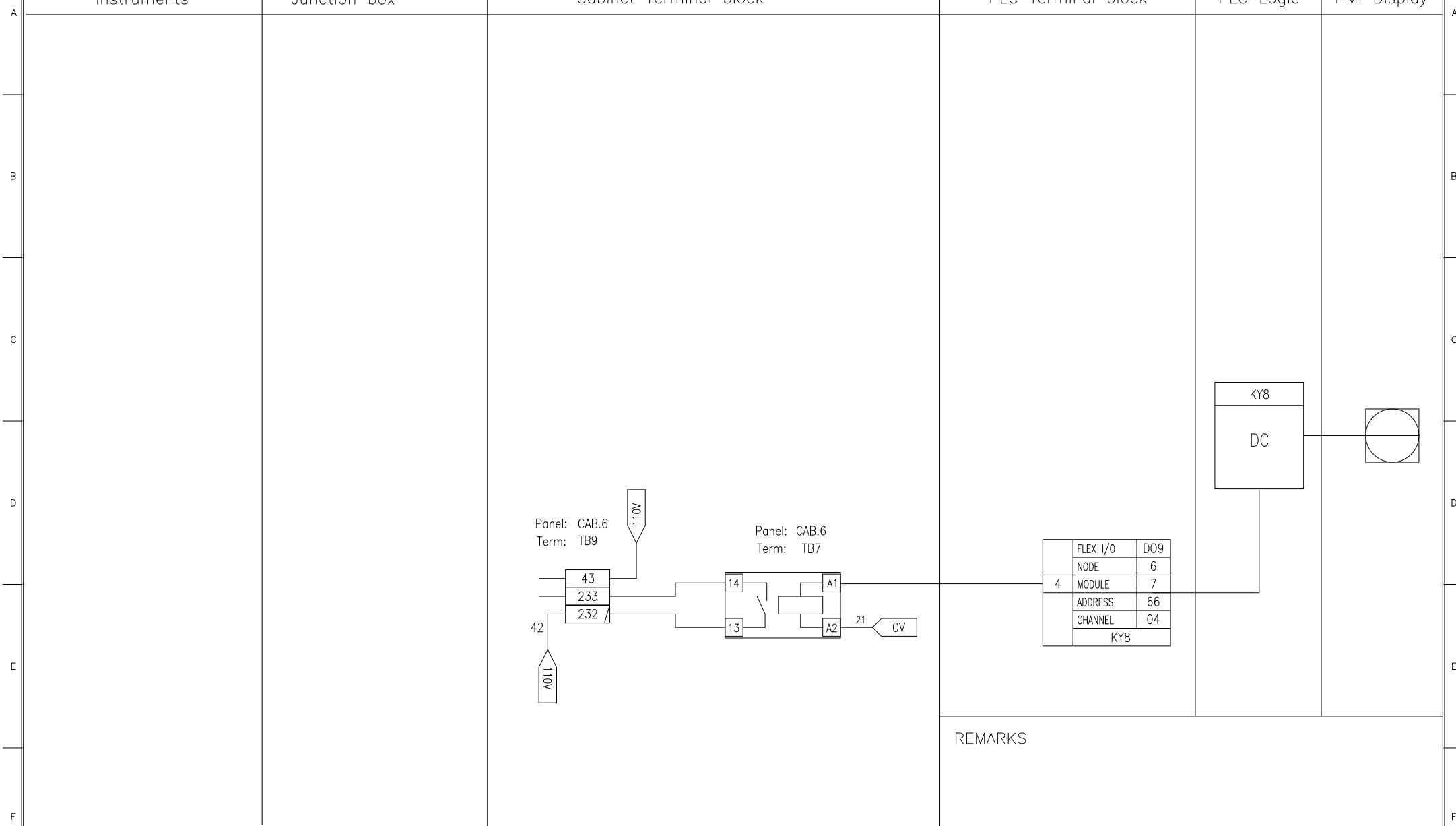
sheet 248
249 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



UNI A3					date 01/2011
					desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM	
Rev.	Revision	Date	Name	stand. SPAC91	

SABIZ PLANT



SPARE VALVE KY8

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

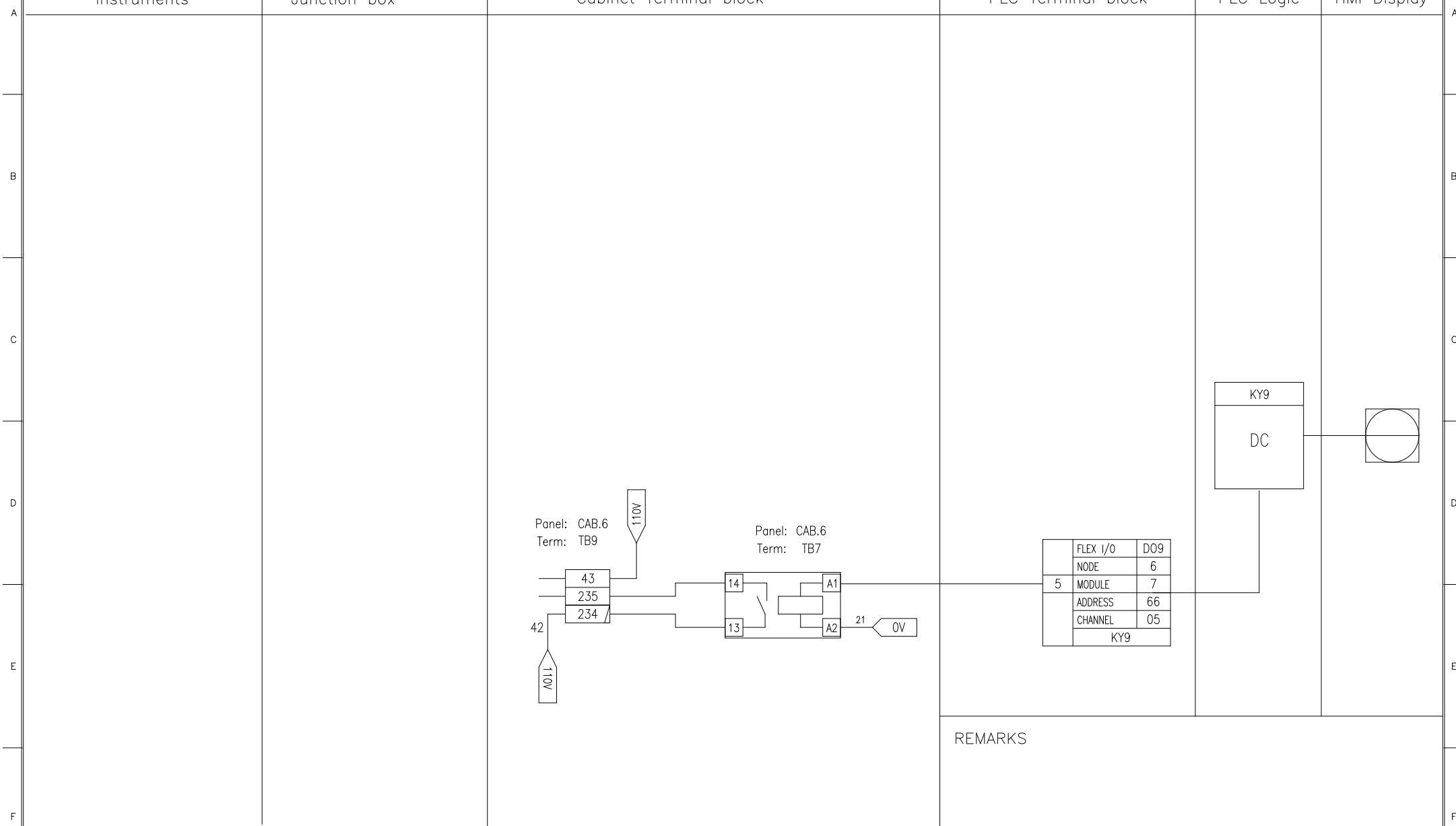
sheet 249
250 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT



SPARE VALVE KY9

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

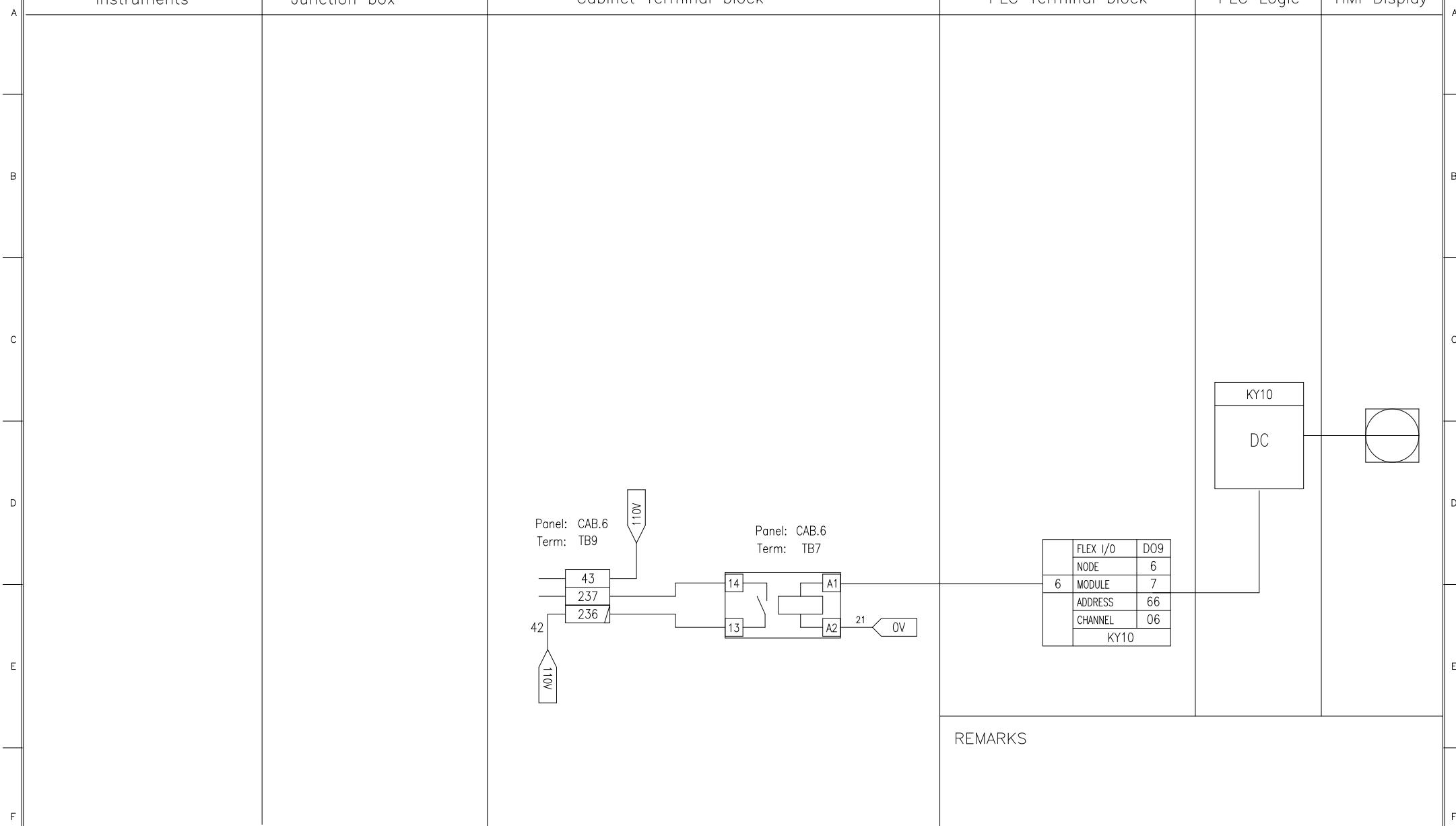
sheet 250
251 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT



SPARE VALVE KY10

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

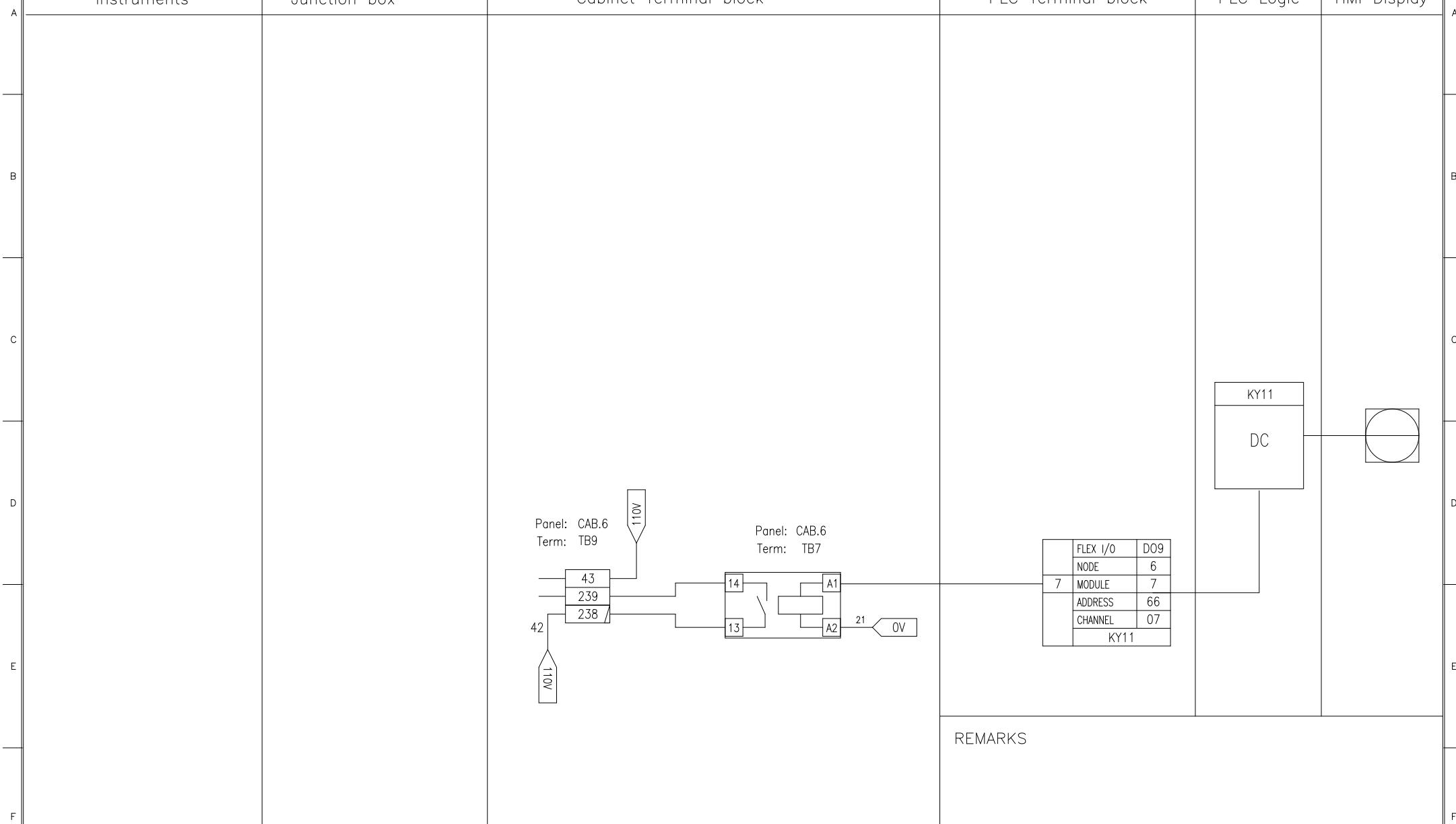
sheet 251
252 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT



SPARE VALVE KY11

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

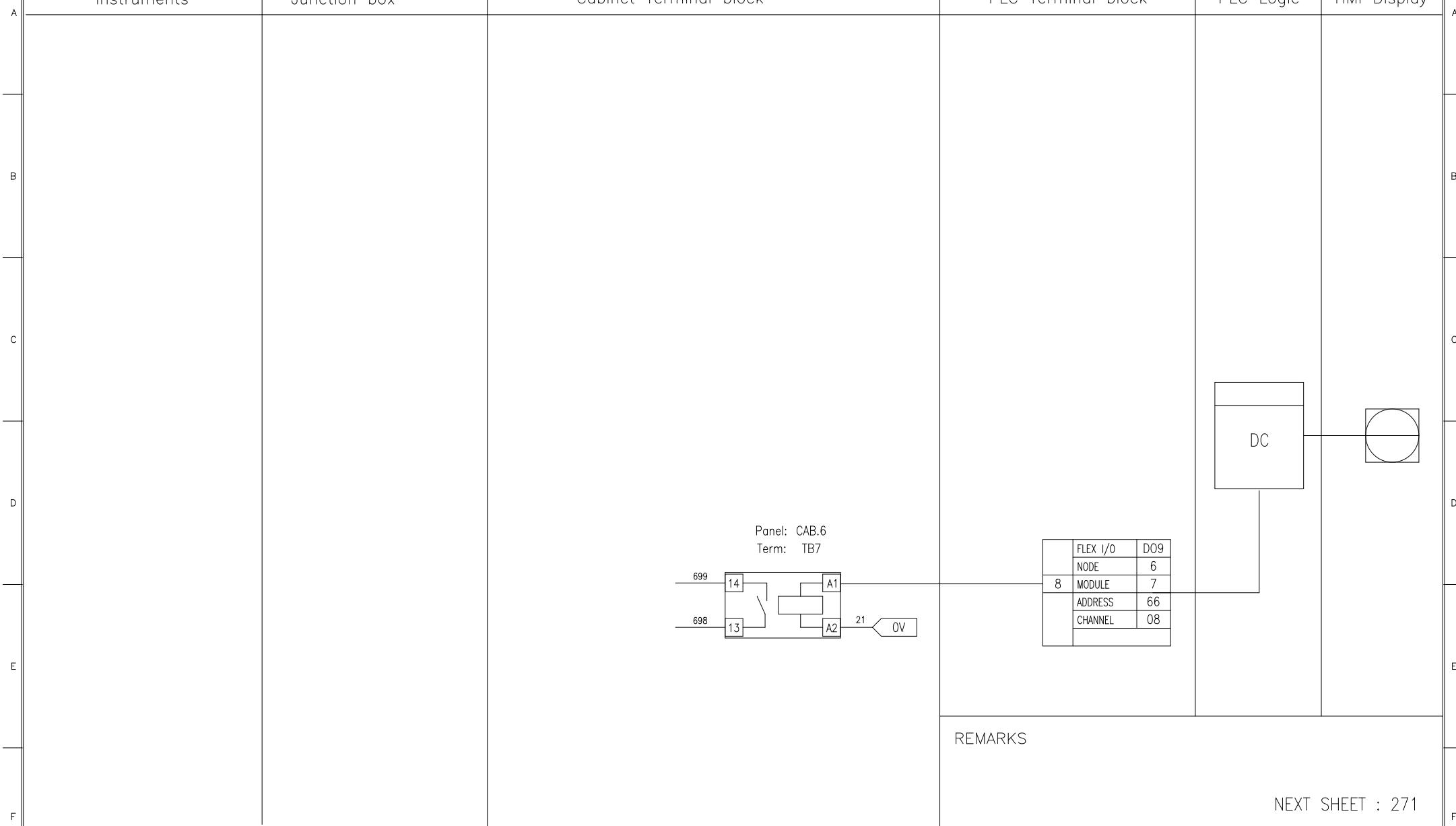
sheet 252
253 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



NEXT SHEET : 271

UNI A3	date	01/2011	desig.	GC	SABIZ PLANT	SPARE DIGITAL OUTPUT	Doc. 08039LD03	=
0	ISSUE FOR APPROVAL	01/2011	check	CM			Job: 1E35	+
Rev.	Revision	Date	Name	stand.	SPAC91	drawing's title:	dwg. 1E35.85.1002	sheet 253 271 n.sh

1 2 3 4 5 6 7 8 9 10

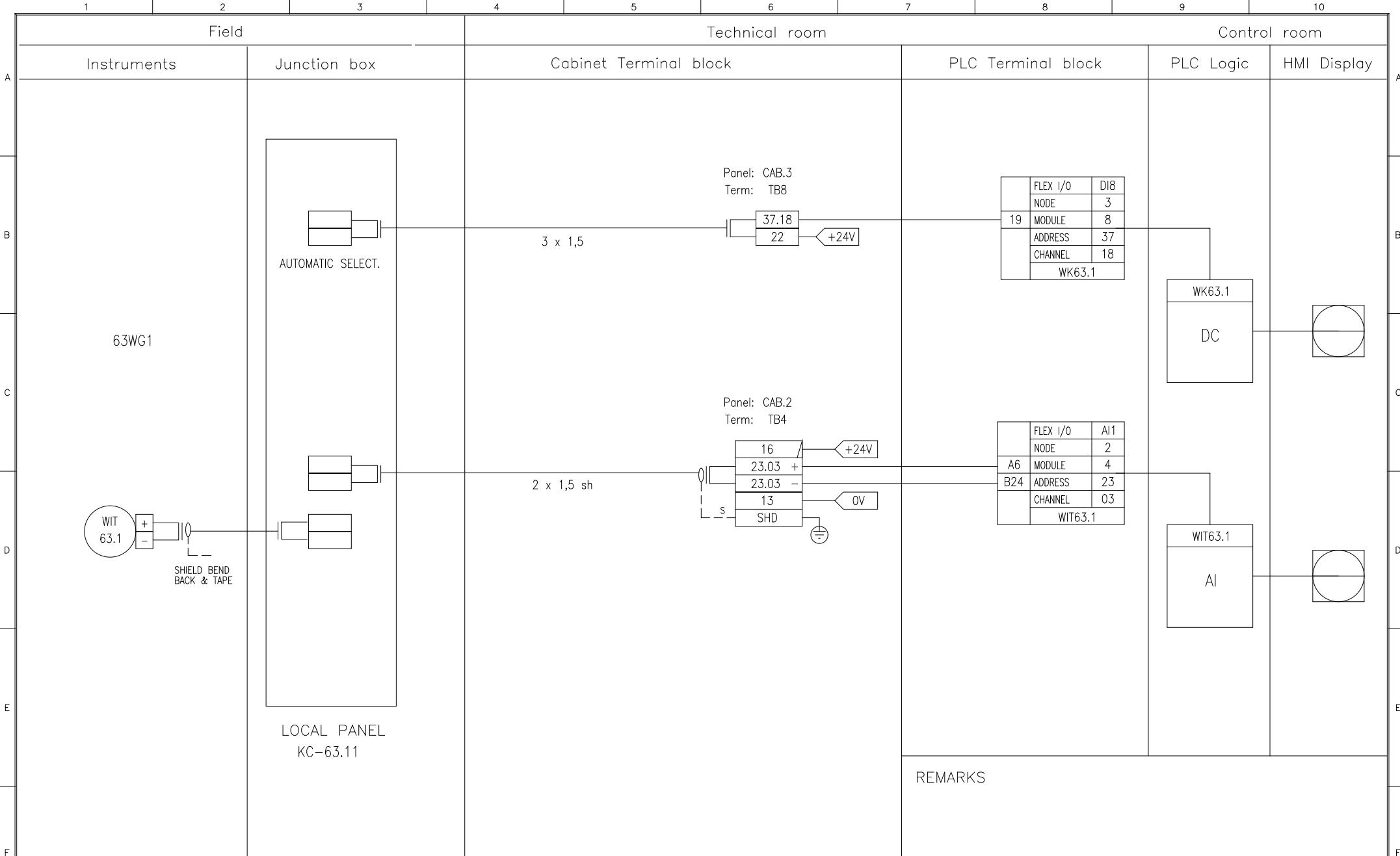
Field

Technical room

Control room

	Instruments	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.6 Term: TB7					<table border="1"> <tr><td>FLEX I/O</td><td>D09</td></tr> <tr><td>NODE</td><td>6</td></tr> <tr><td>27</td><td>MODULE</td></tr> <tr><td>ADDRESS</td><td>66</td></tr> <tr><td>CHANNEL</td><td>26</td></tr> <tr><td></td><td></td></tr> </table>		FLEX I/O	D09	NODE	6	27	MODULE	ADDRESS	66	CHANNEL	26				
FLEX I/O	D09																			
NODE	6																			
27	MODULE																			
ADDRESS	66																			
CHANNEL	26																			
REMARKS																				

UNI A3					date 01/2011			Doc. 08039LD03	=
					desig. GL				+
0	ISSUE FOR APPROVAL	01/2011	GC	check CM				Job: 1E35	sheet 271
Rev.	Revision	Date	Name	stand. SPAC91			drawing's title:	dwg. 1E35.85.1002	272 n.sh



UNI A3				date	01/2011	
				desig.	GC	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT



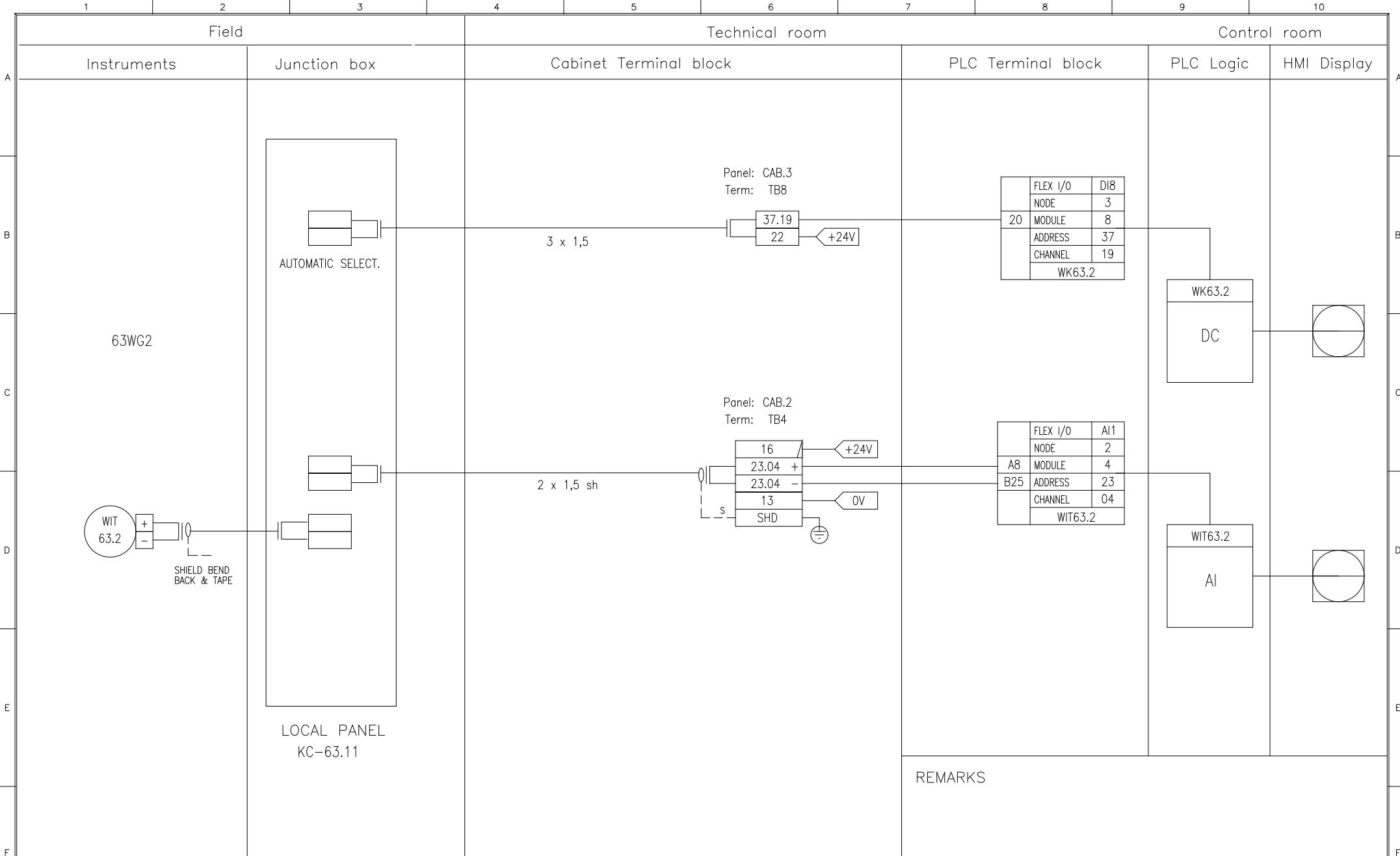
WK63.1 – WIT63.1

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 272
273 n.sh



UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



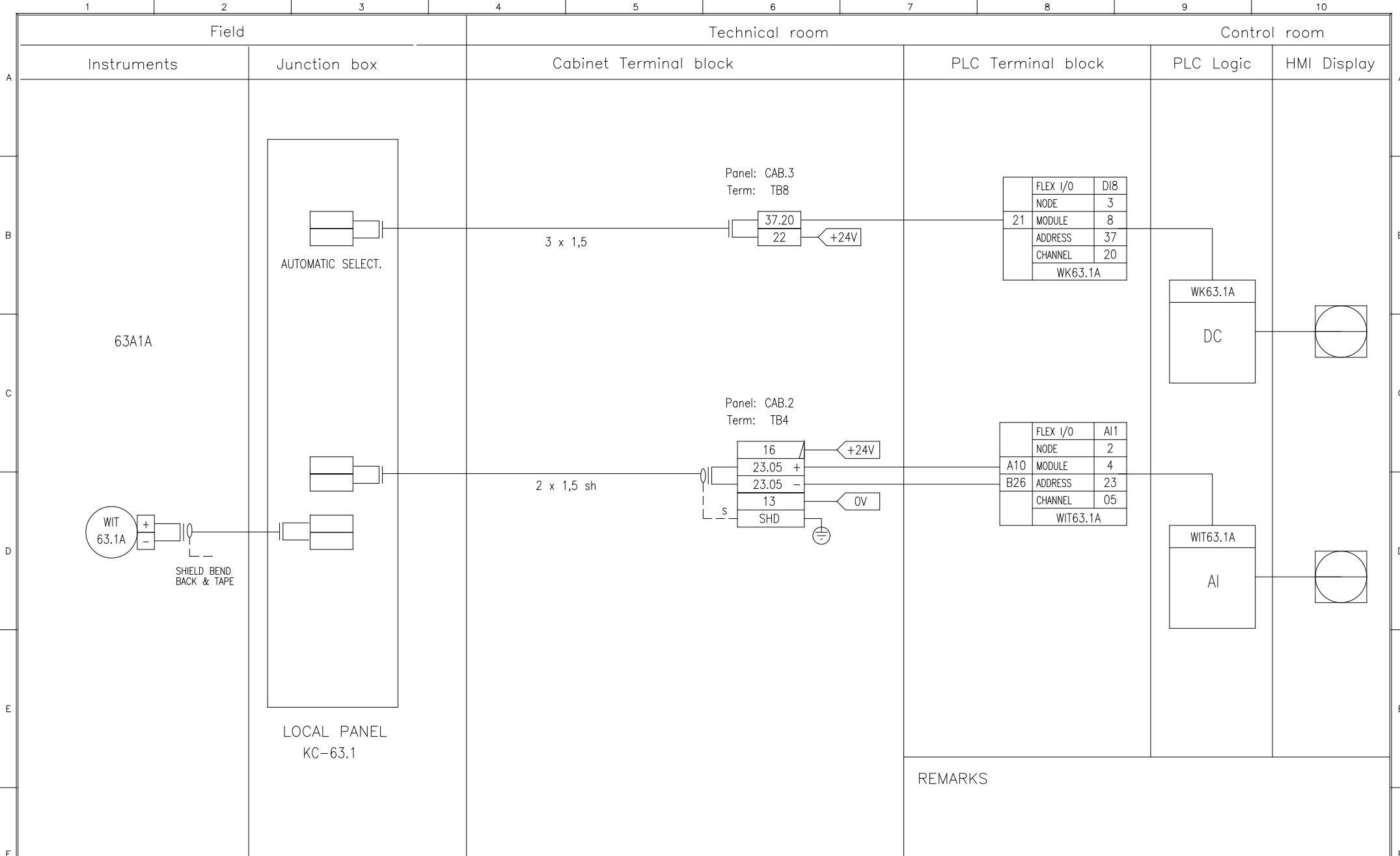
WK63.2 – WIT63.2

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 273
274 n.sh



UNI A3				date	01/2011	
				desig.	GC	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT

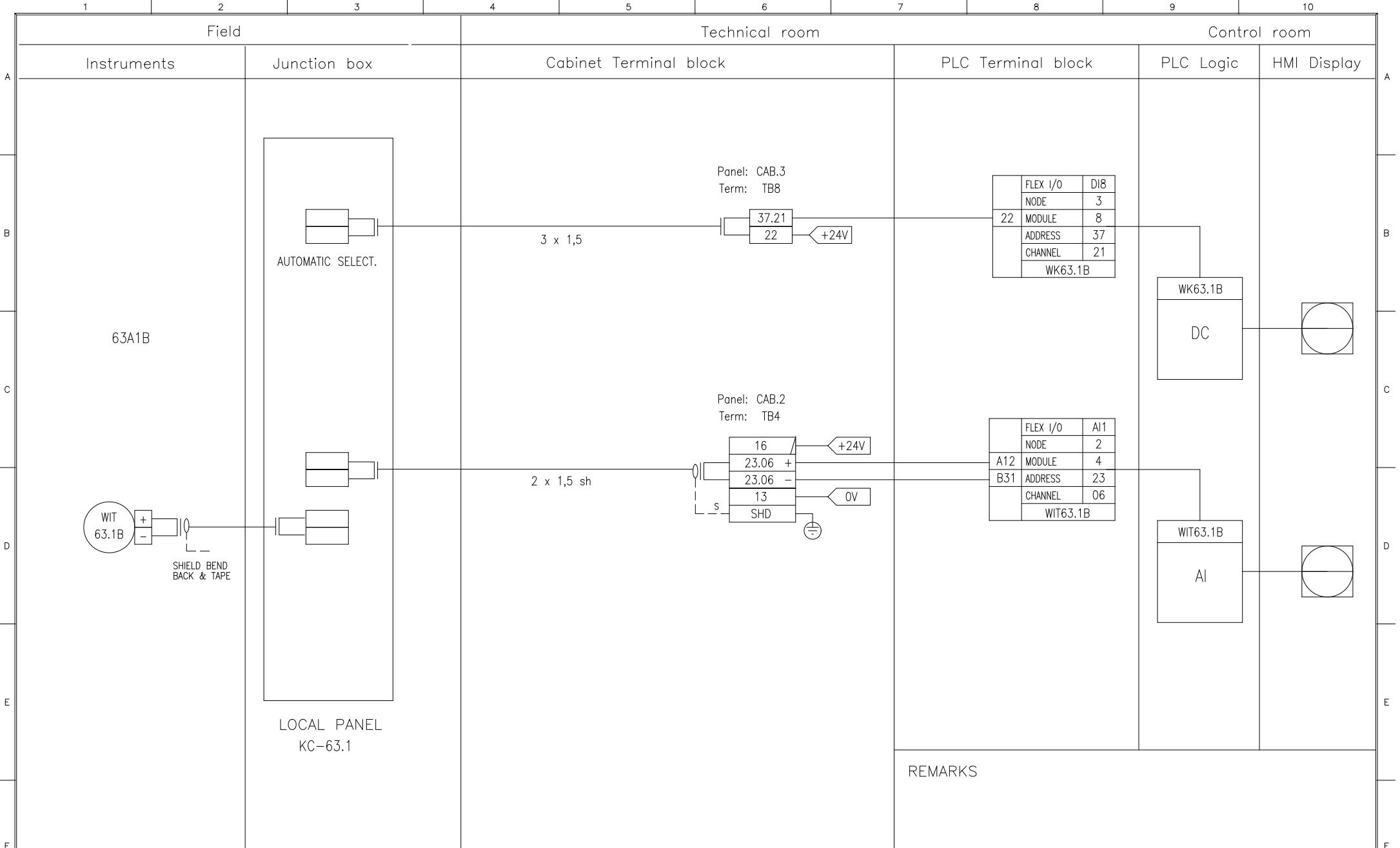


WK63.1A - WIT63.1A
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 274
275 n.sh



UNI A3				date	01/2011	
				desig.	GC	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT



WK63.1B – WIT63.1B

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

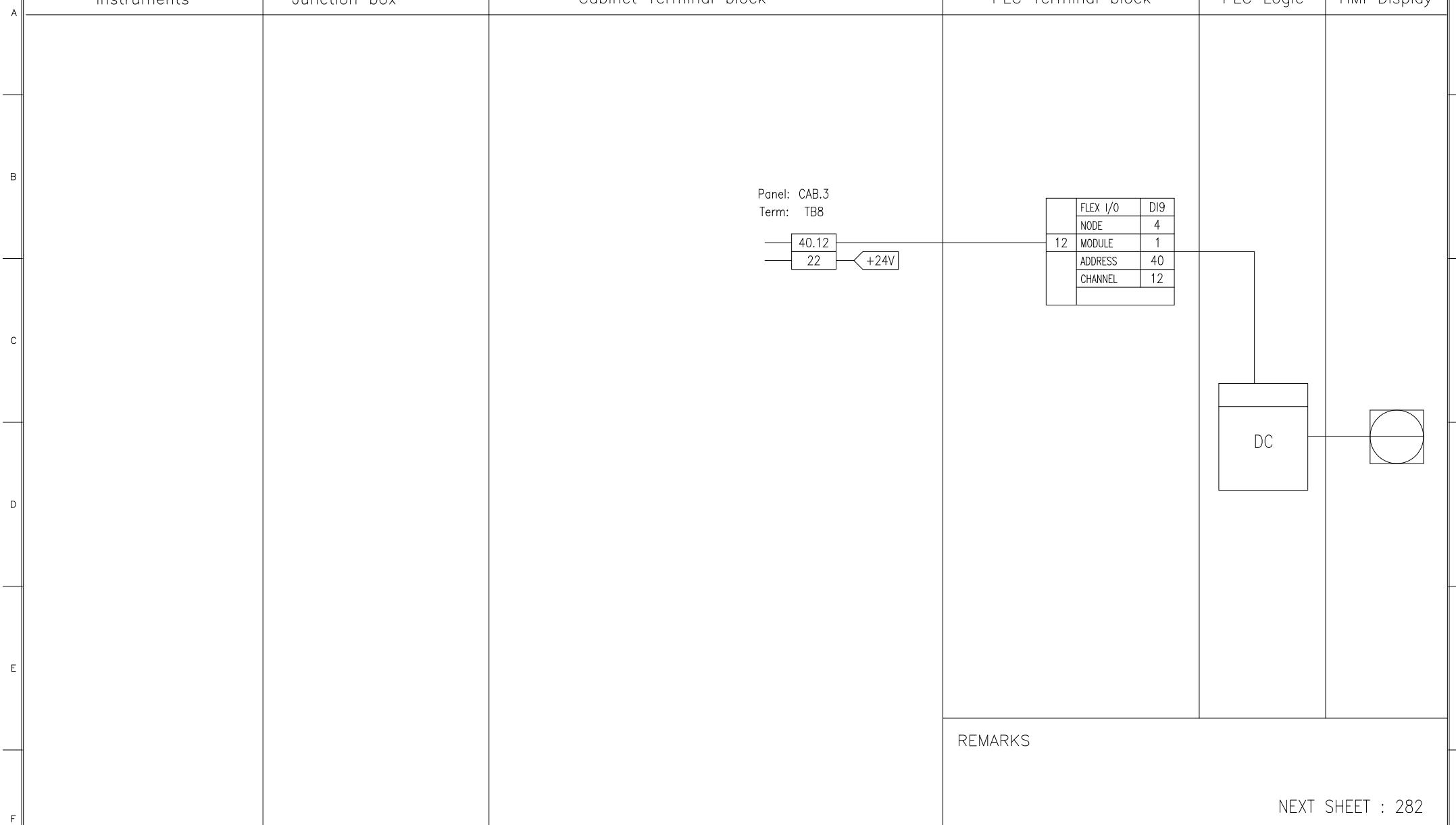
sheet 275
276 n.sh

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

Field

Technical room

Control room



UNI A3					date 01/2011			Doc. 08039LD03	=
					desig. GL				+
0	ISSUE FOR APPROVAL	01/2011	GC	check CM				Job: 1E35	sheet 276
Rev.	Revision	Date	Name	stand. SPAC91			dwg. 1E35.85.1002		282 n.sh

SABIZ PLANT



SPARE DIGITAL INPUT

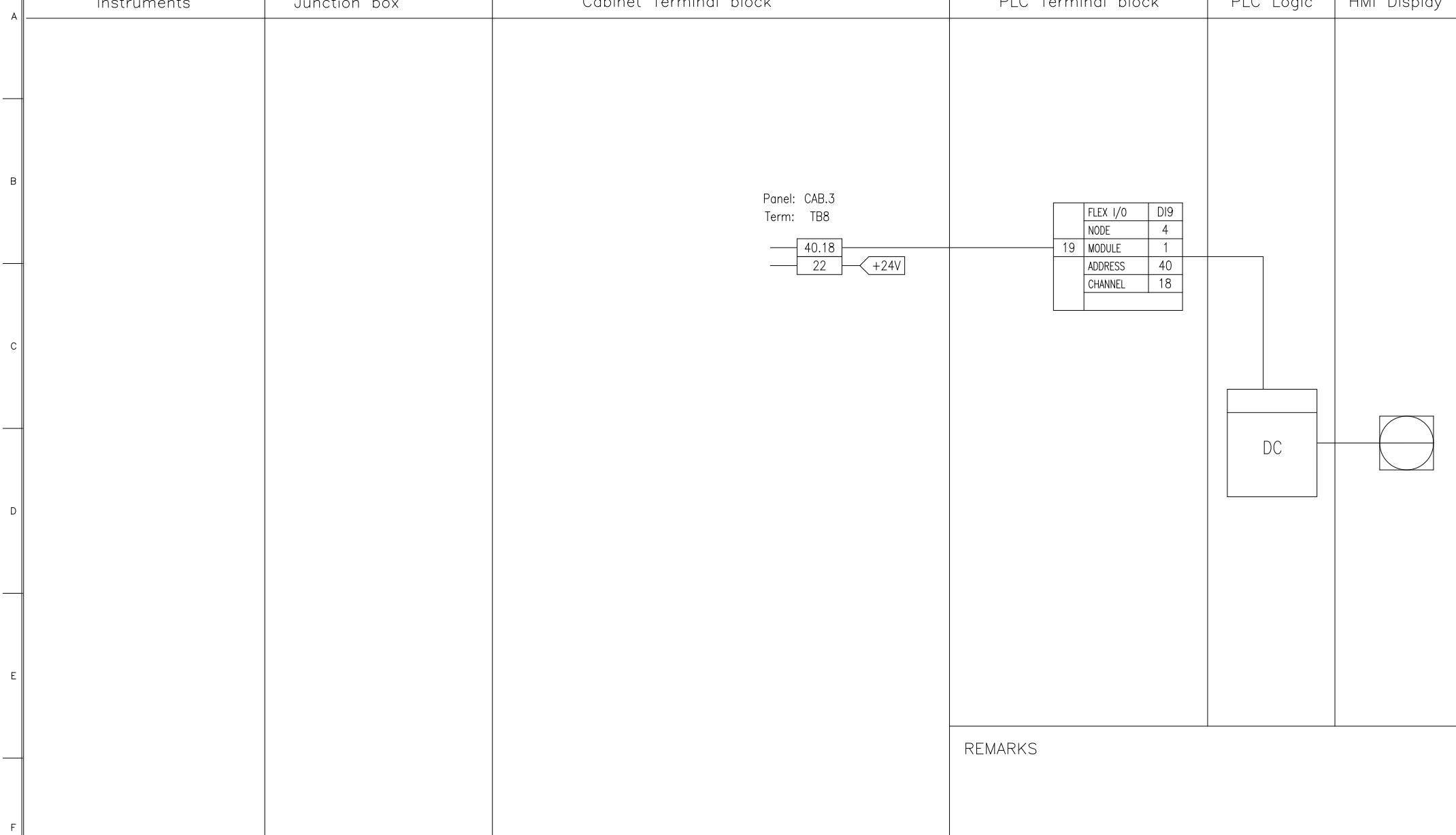
drawing's title:

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

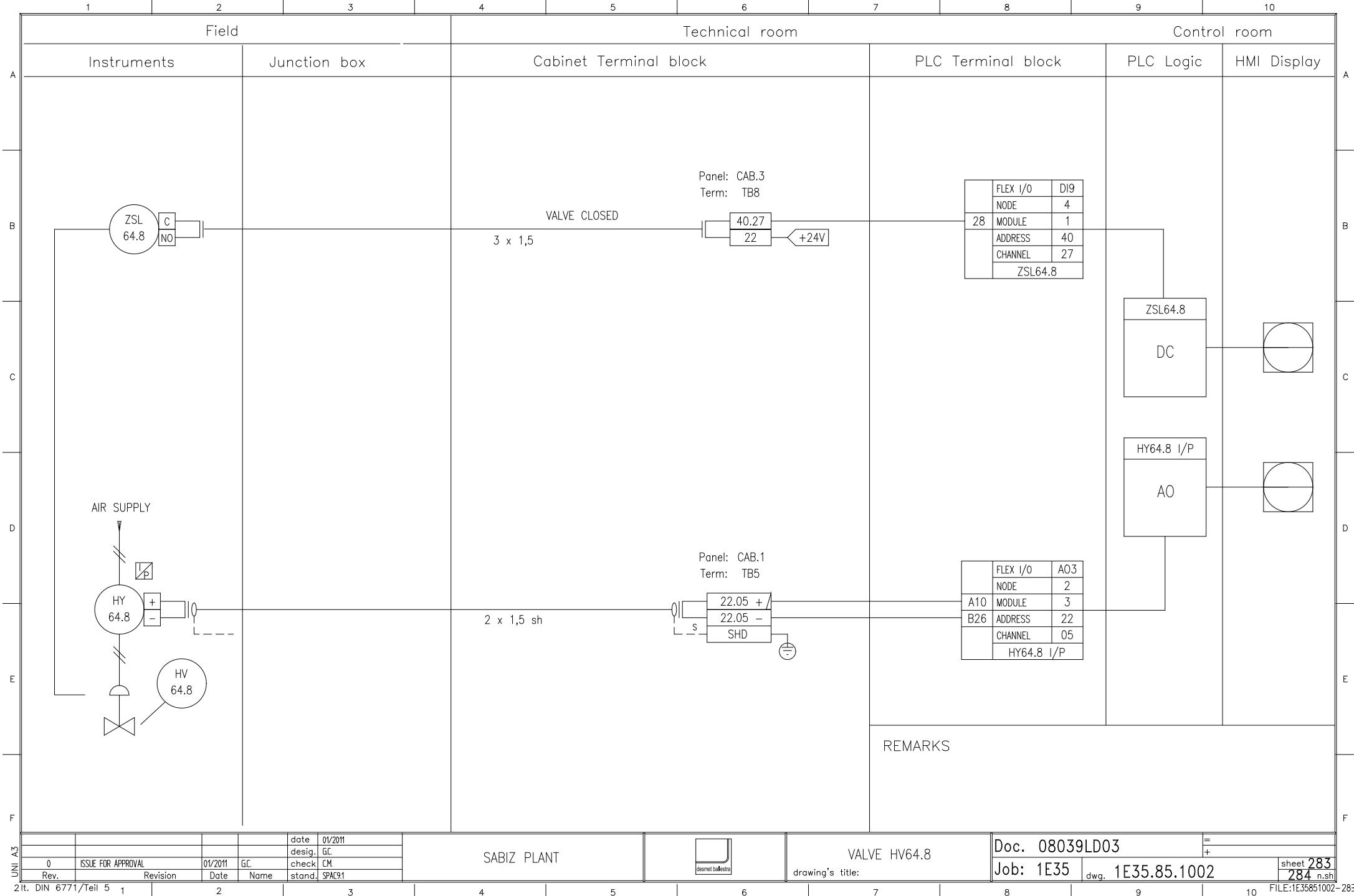
Field

Technical room

Control room



UNI A3	date	01/2011	desig.	GC	SABIZ PLANT		SPARE DIGITAL INPUT	Doc. 08039LD03	=
0	ISSUE FOR APPROVAL	01/2011	check	CM				Job: 1E35	+
Rev.	Revision	Date	Name	stand.	SPAC91		drawing's title:	dwg. 1E35.85.1002	sheet 282

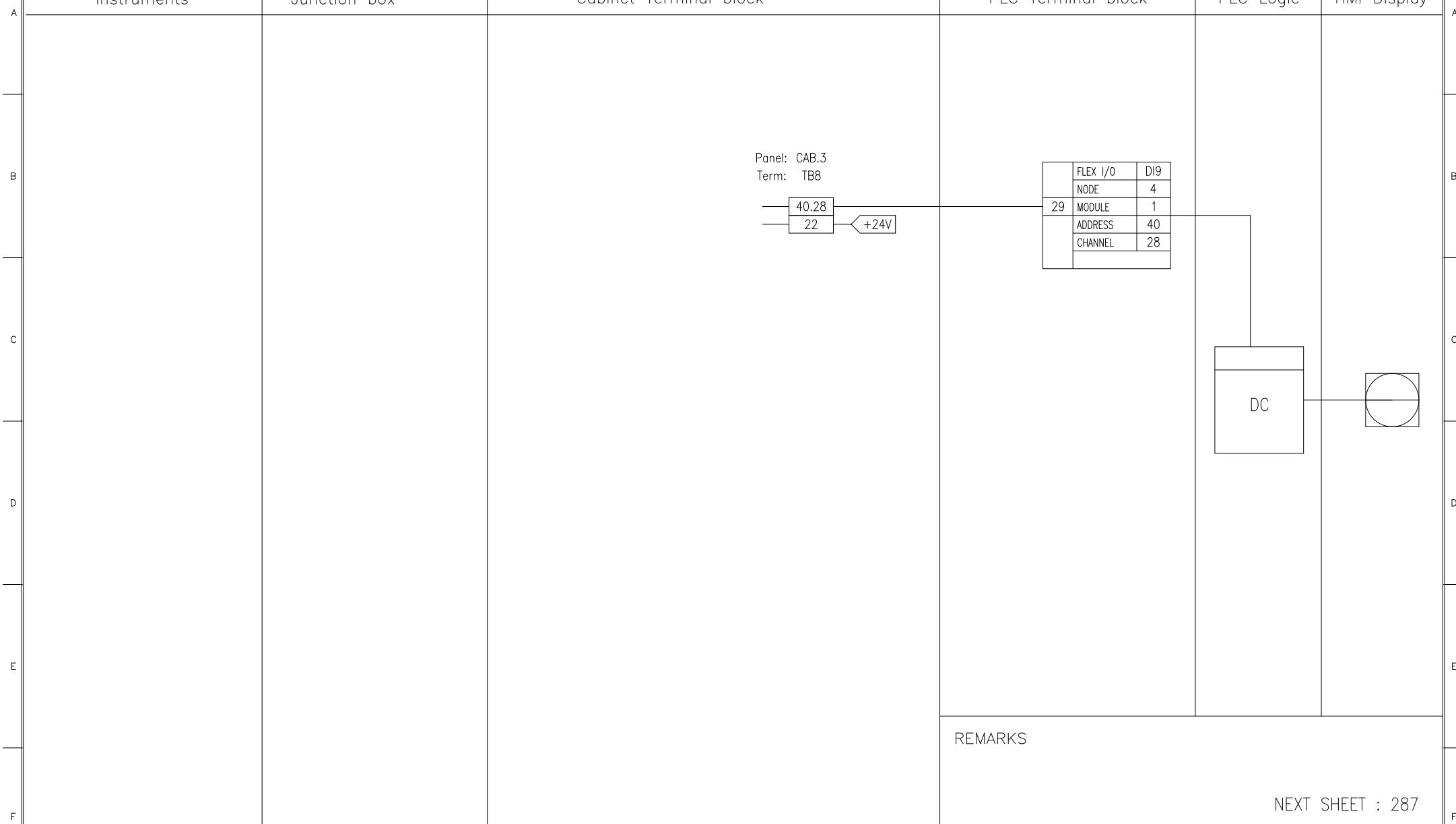


1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



NEXT SHEET : 287

UNI A3					date 01/2011				Doc. 08039LD03	=
					desig. GL					+
0	ISSUE FOR APPROVAL	01/2011	GC	check CM						
Rev.	Revision	Date	Name	stand. SPAC91					Job: 1E35	sheet 284

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E35851002-284

SABIZ PLANT



SPARE DIGITAL INPUT

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

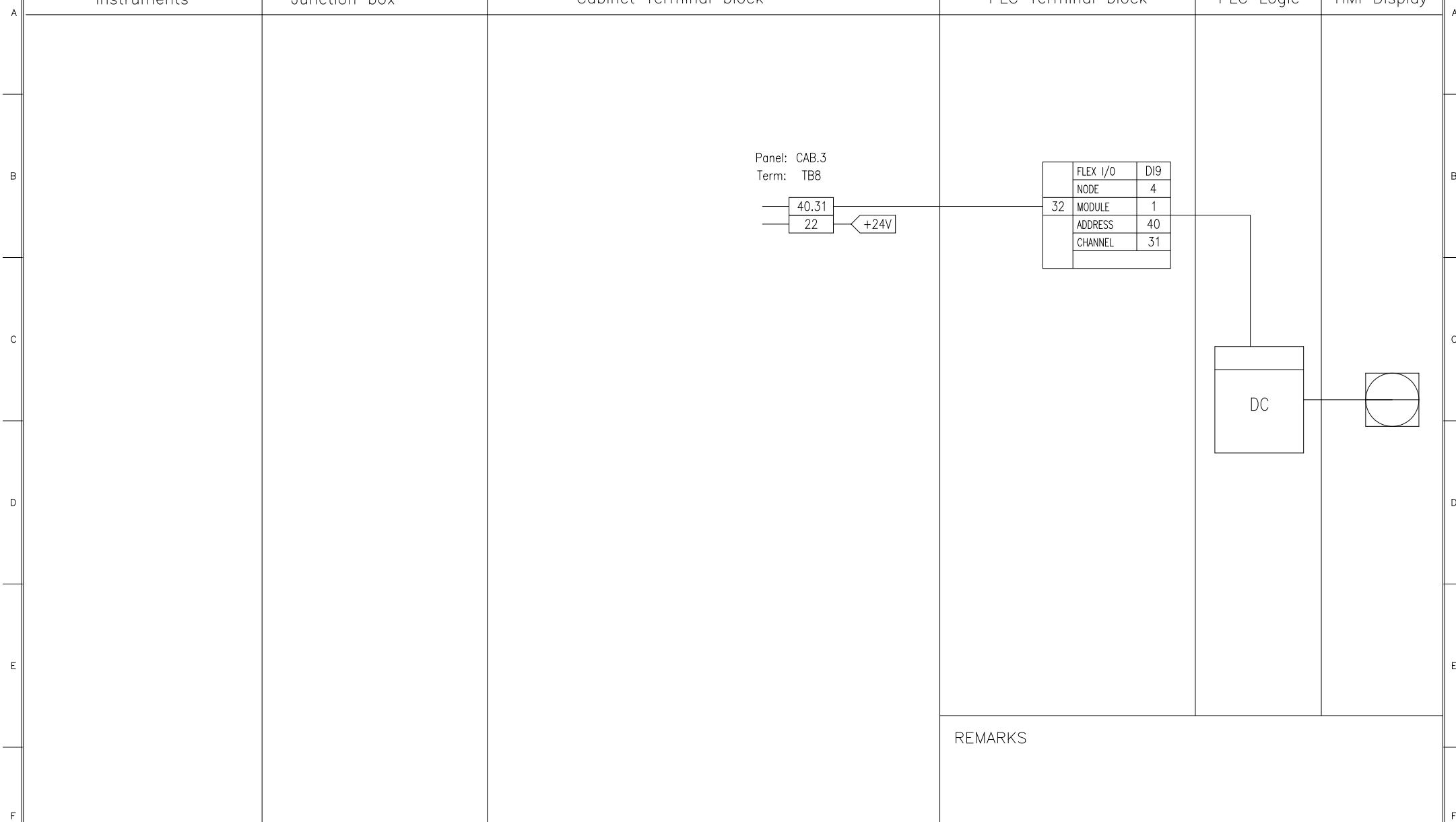
sheet 284
287 n.sh

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

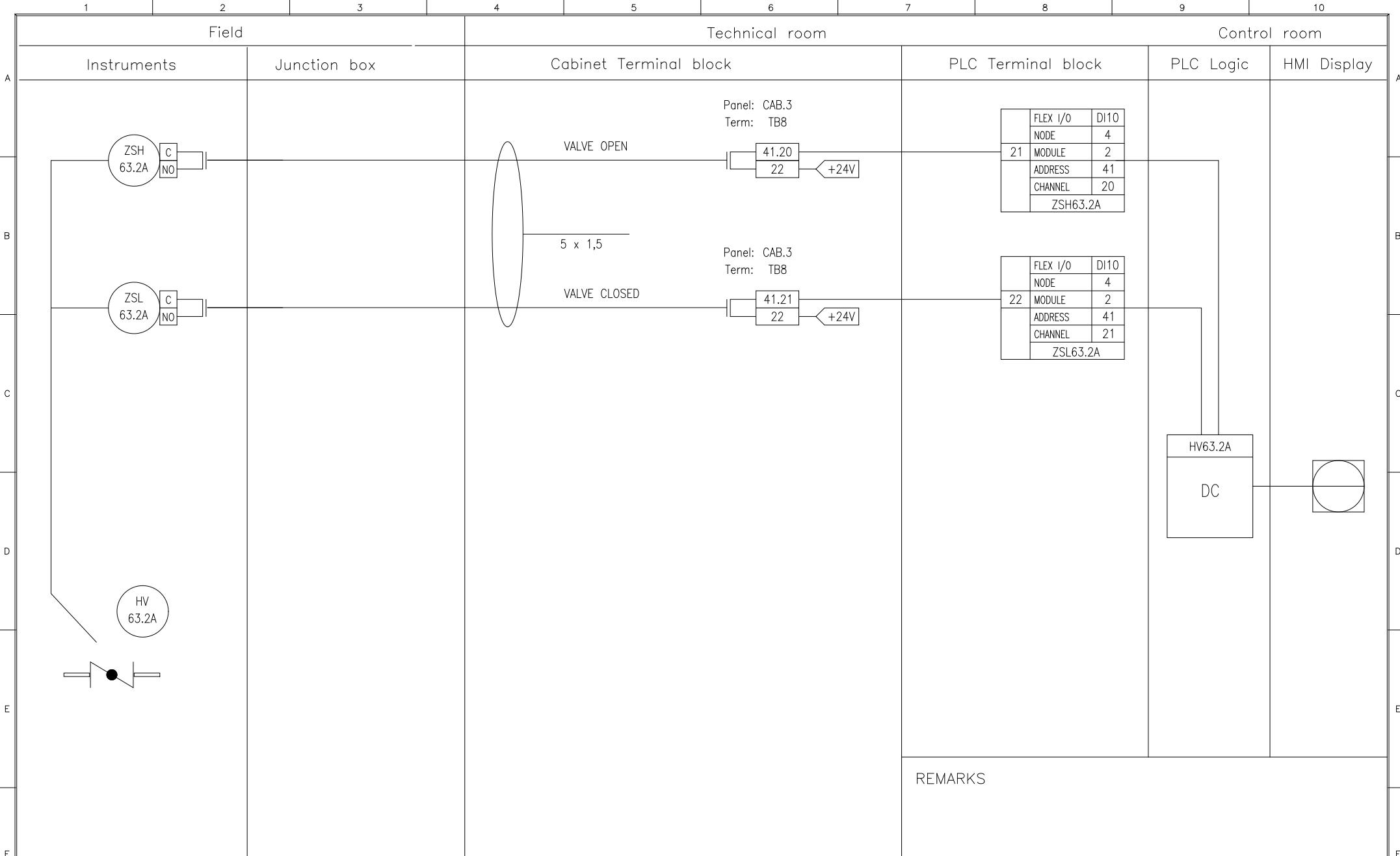
Field

Technical room

Control room



UNI A3					date 01/2011		SABIZ PLANT		SPARE DIGITAL INPUT	Doc. 08039LD03	=
	0	ISSUE FOR APPROVAL	01/2011	GC	check CM					Job: 1E35	+
	Rev.	Revision	Date	Name	stand.	SPAC91				dwg. 1E35.85.1002	sheet 287



UNI A3					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT



VALVE HV63.2A

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

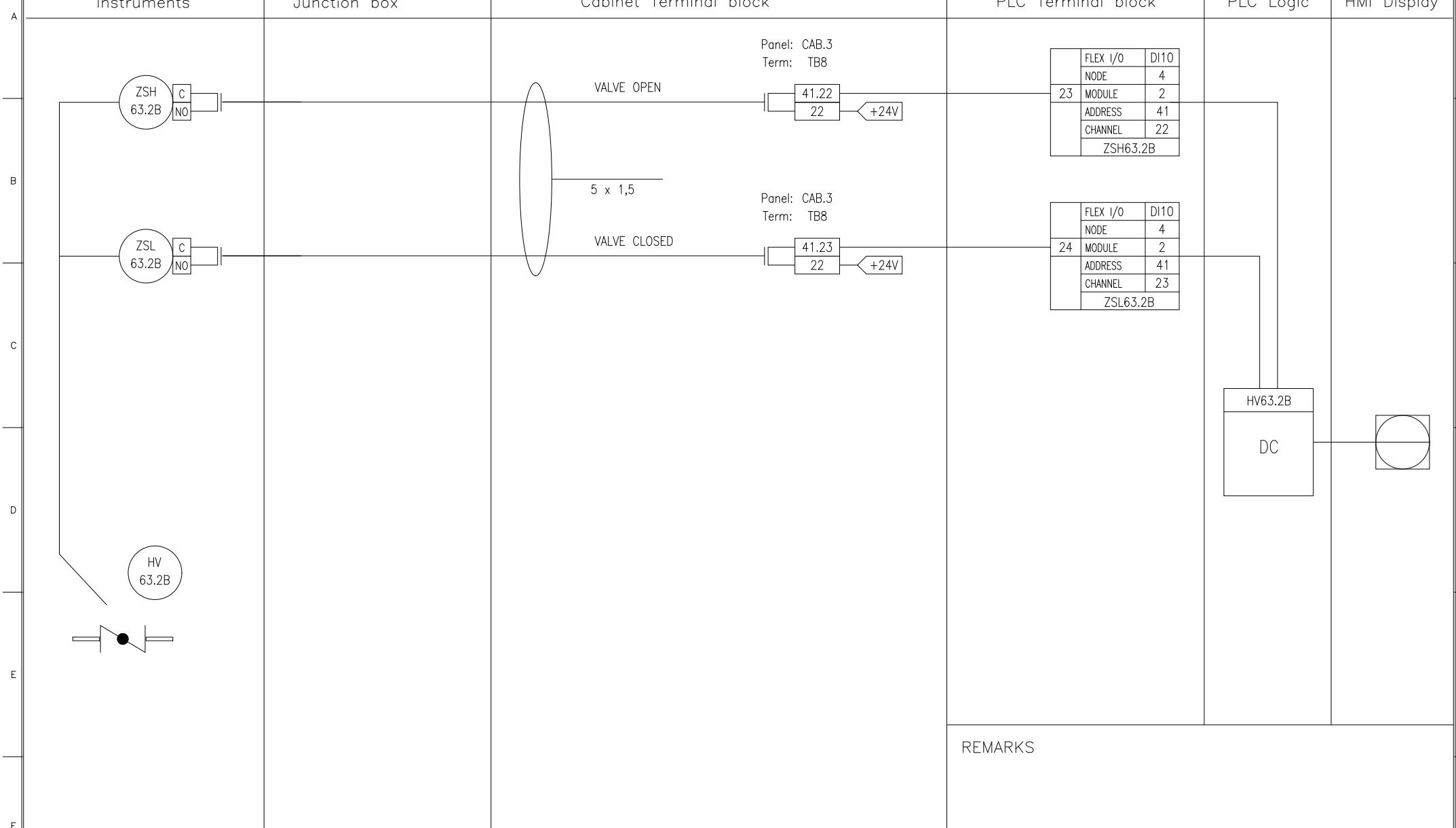
sheet 288
289 n.sh

1 2 3 4 5 6 7 8 9 10

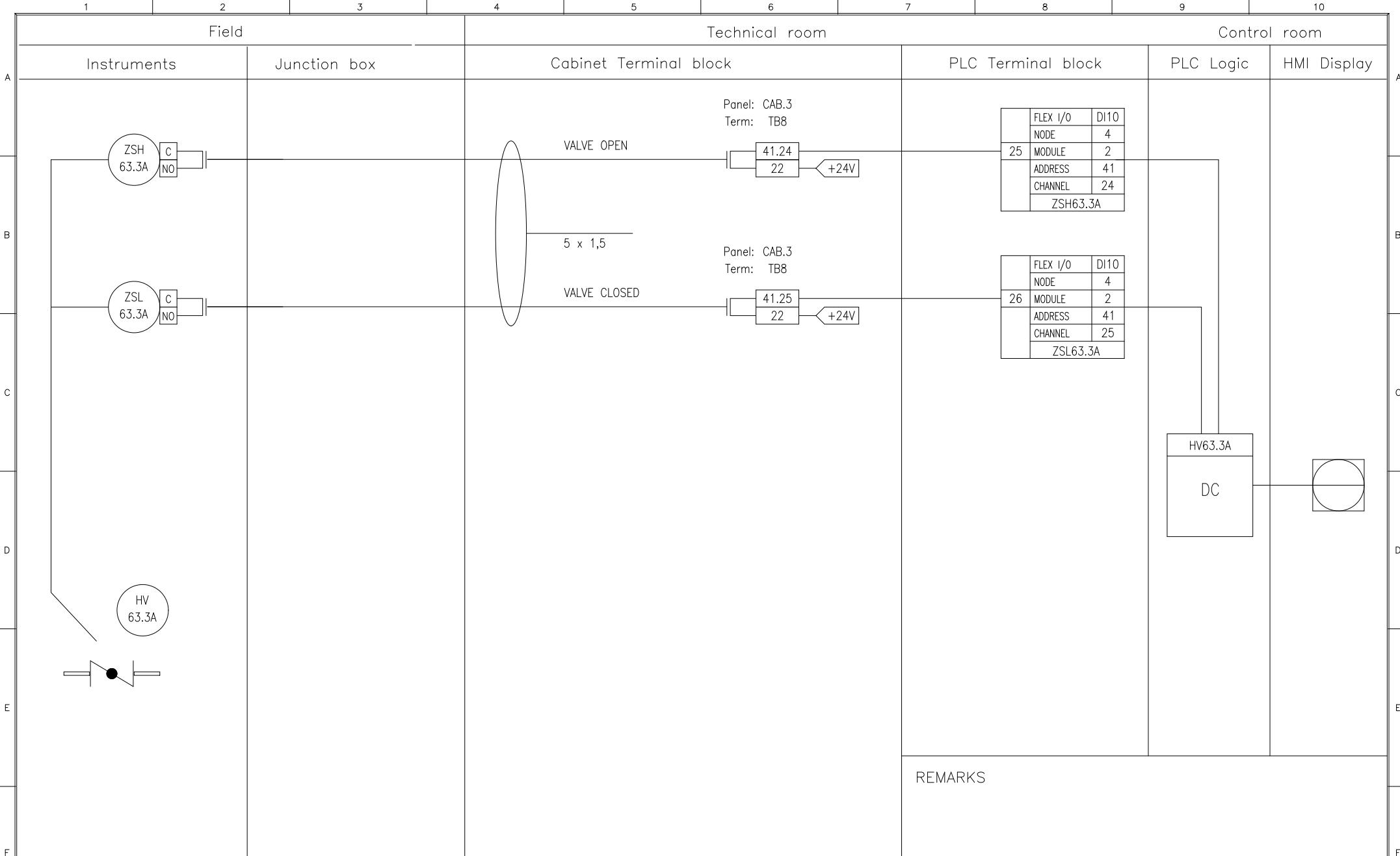
Field

Technical room

Control room



UNI A3				date 01/2011			Doc. 08039LD03	=
				desig. GL				+
0	ISSUE FOR APPROVAL	01/2011	GC	check CM			Job: 1E35	dwg. 1E35.85.1002
Rev.	Revision	Date	Name	stand. SPAC91		drawing's title:		sheet 289 290 n.sh



UNI A3					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT



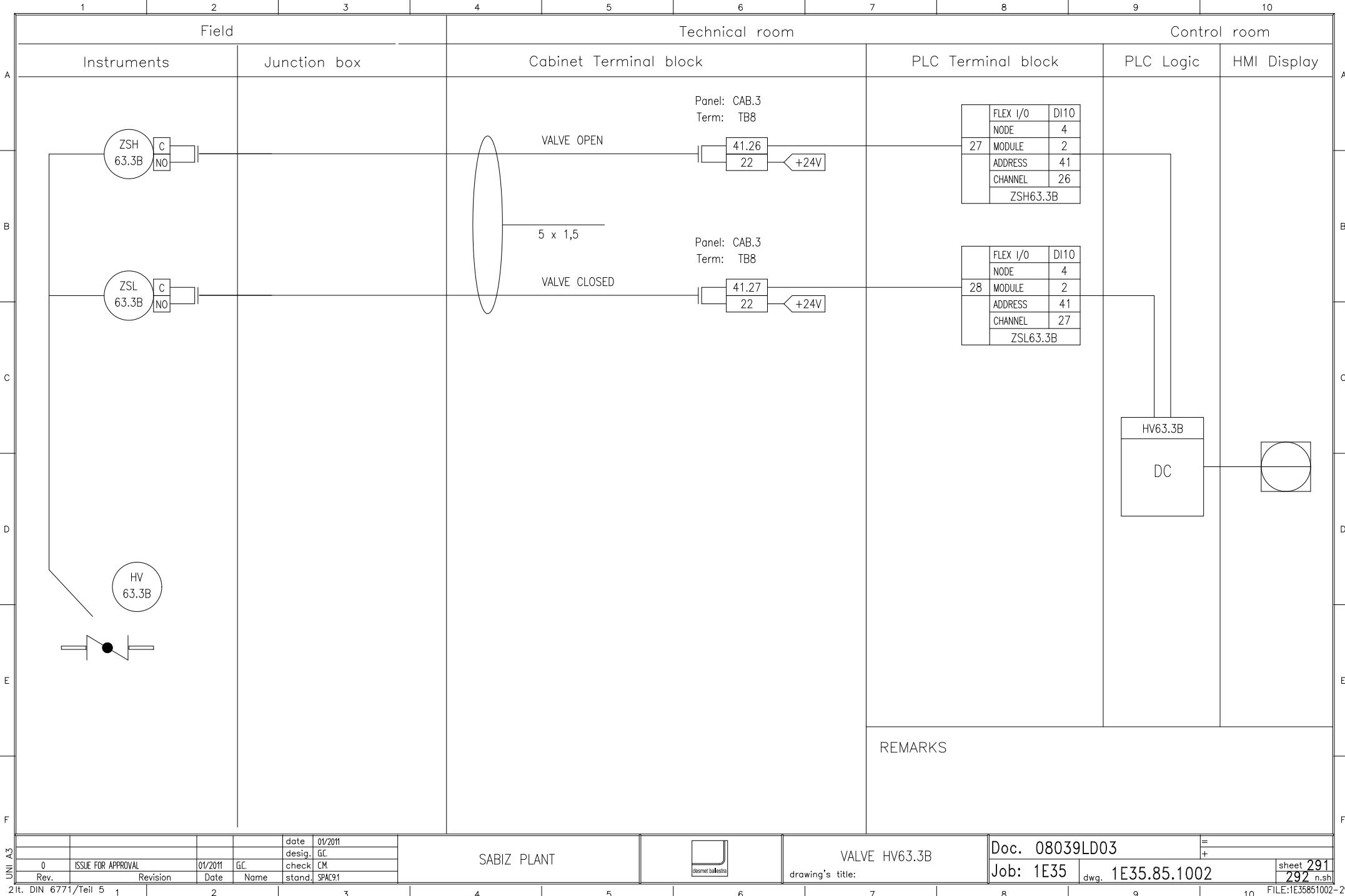
VALVE HV63.3A

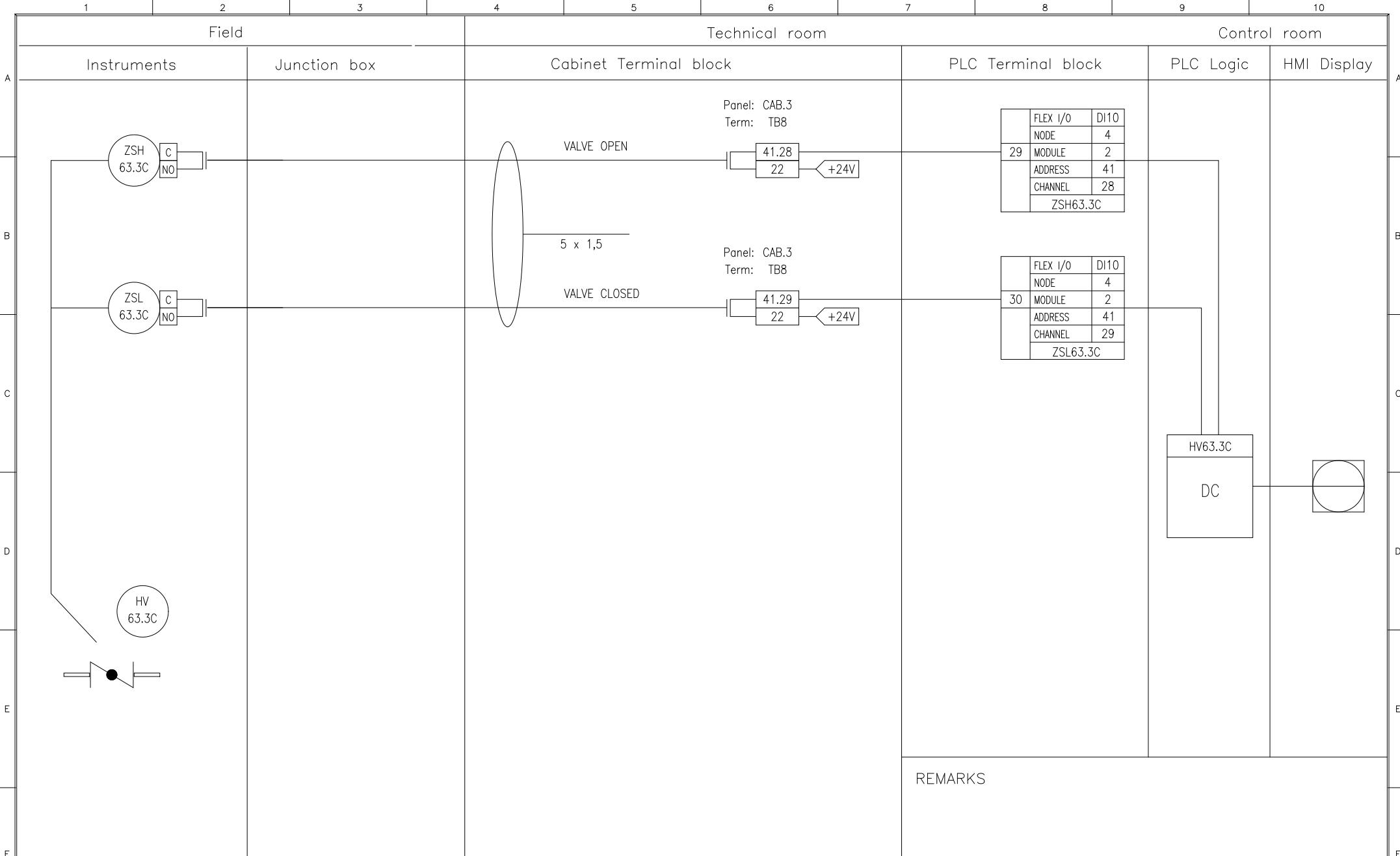
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 290
291 n.sh





UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT



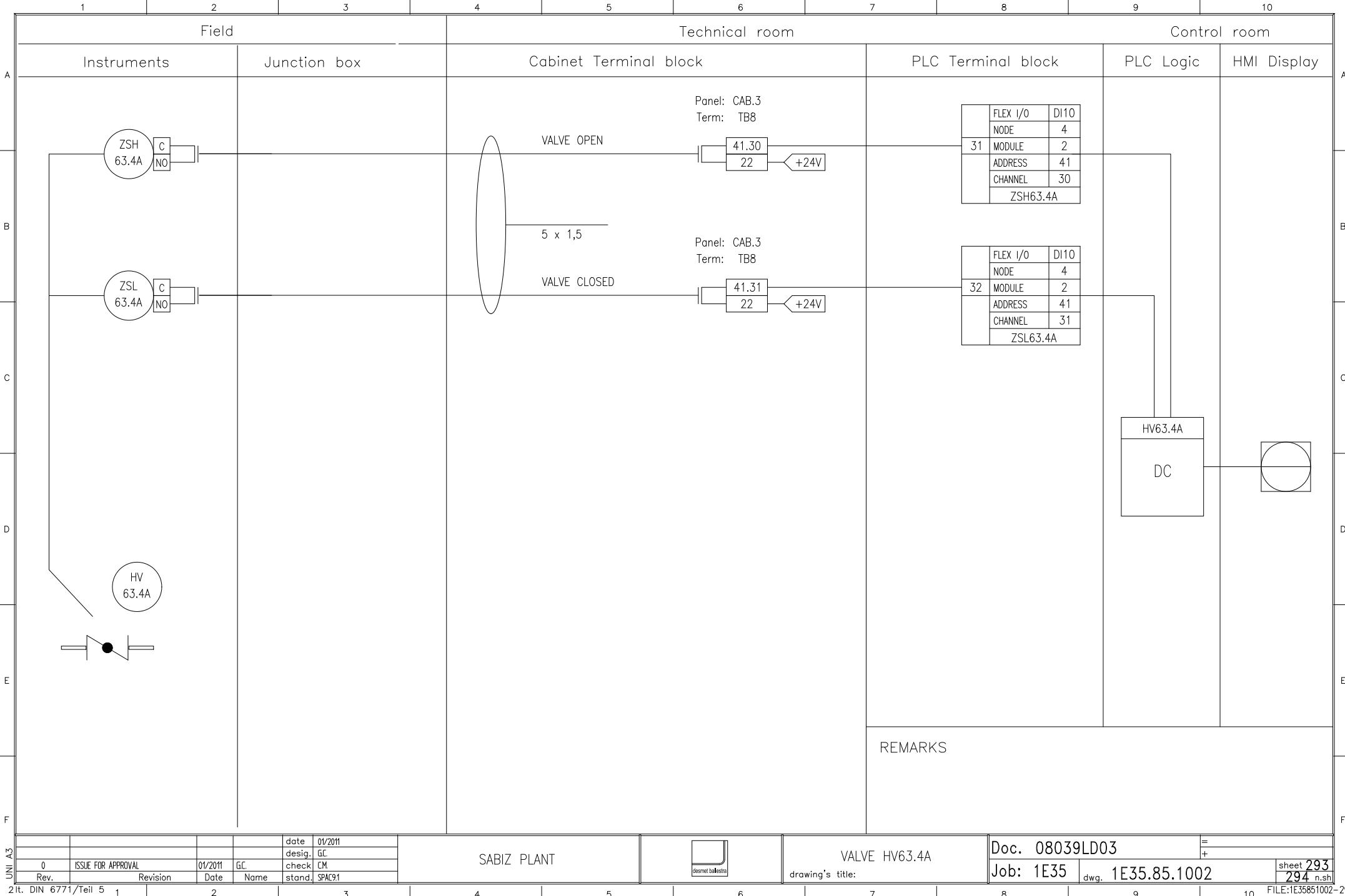
VALVE HV63.3C

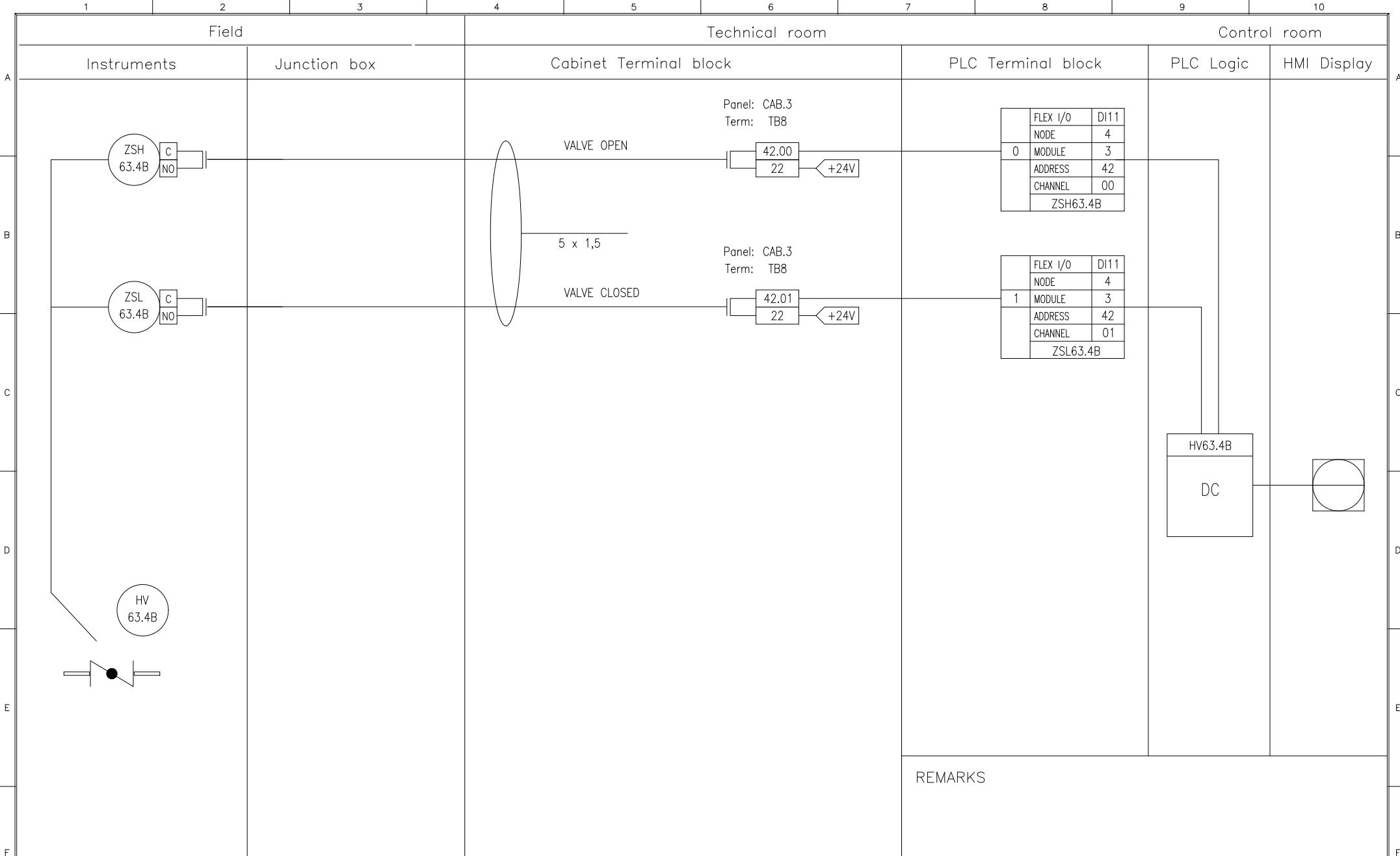
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 292
293 n.sh





UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT



VALVE HV63.4B

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

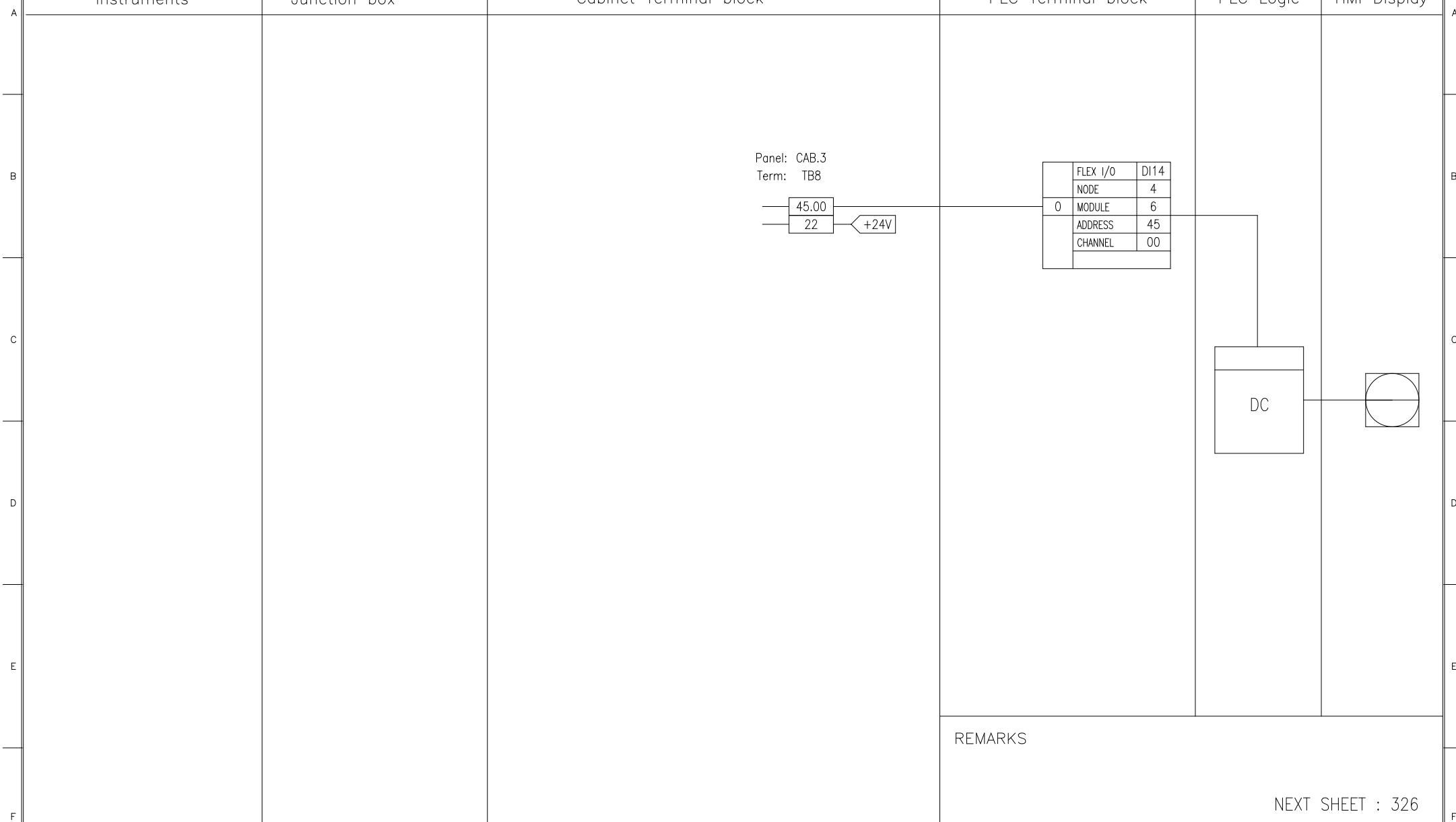
sheet 294
295 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



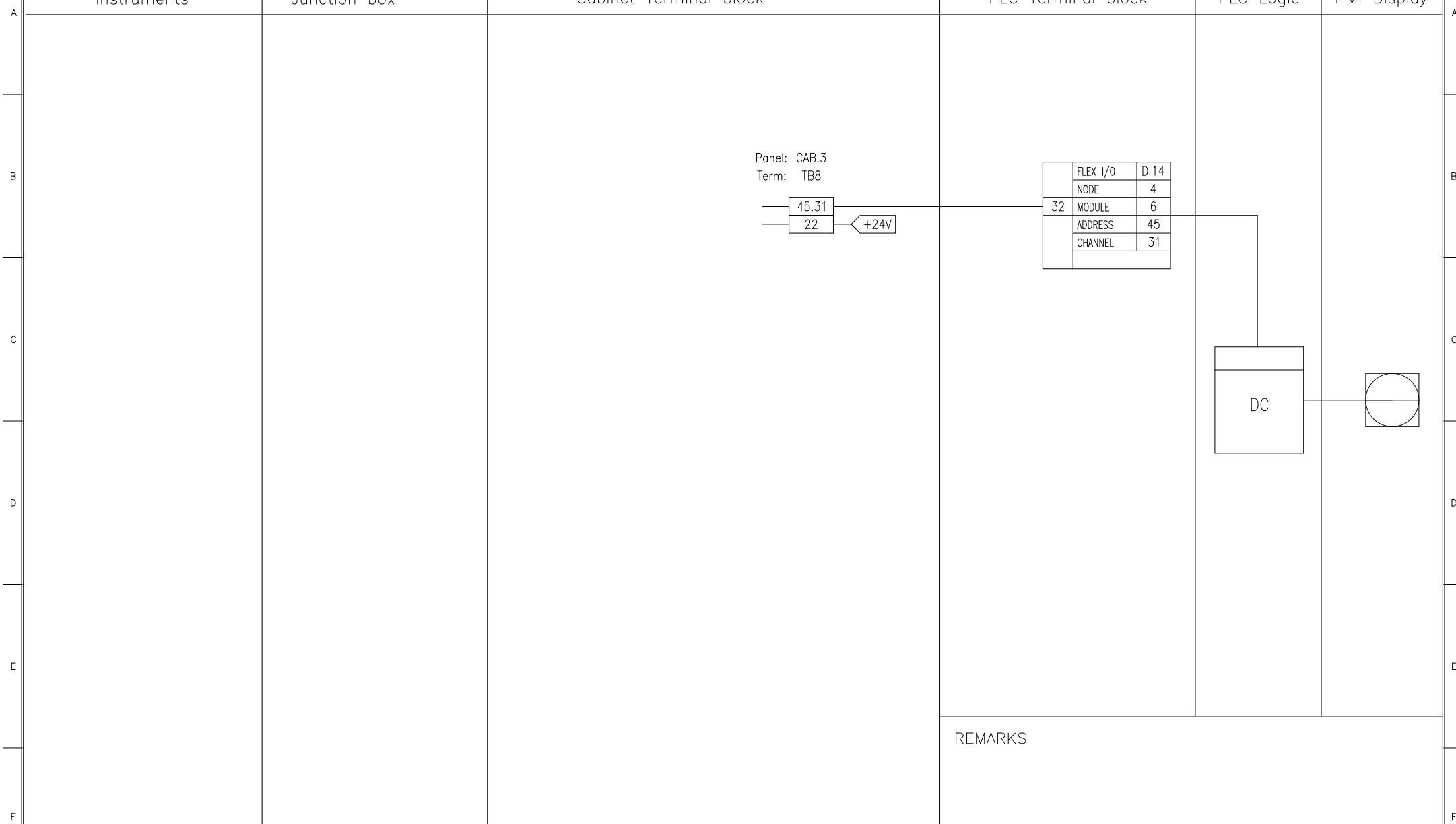
UNI A3					date 01/2011			Doc. 08039LD03	=
					desig. GL				+
0	ISSUE FOR APPROVAL	01/2011	GC	check CM				Job: 1E35	sheet 295
Rev.	Revision	Date	Name	stand. SPAC91				dwg. 1E35.85.1002	326 n.sh

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

Field

Technical room

Control room



UNI A3					date 01/2011			Doc. 08039LD03	=
					desig. GL				+
0	ISSUE FOR APPROVAL	01/2011	GC	check CM				Job: 1E35	sheet 326
Rev.	Revision	Date	Name	stand. SPAC91				dwg. 1E35.85.1002	327 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E35851002-326

SABIZ PLANT



SPARE DIGITAL INPUT

drawing's title:

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

Technical room

Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

A

B

B

C

C

D

D

E

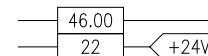
E

F

F

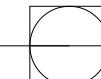
Panel: CAB.3

Term: TB8



	FLEX I/O	DI15
O	NODE	4
	MODULE	7
	ADDRESS	46
	CHANNEL	00

DC



REMARKS

NEXT SHEET : 356

date	01/2011
desig.	GL
check	CM
stand.	SPAC91

SABIZ PLANT



SPARE DIGITAL INPUT

drawing's title:

Doc. 08039LD03

Job: 1E35

=
sheet 327
356 n.sh

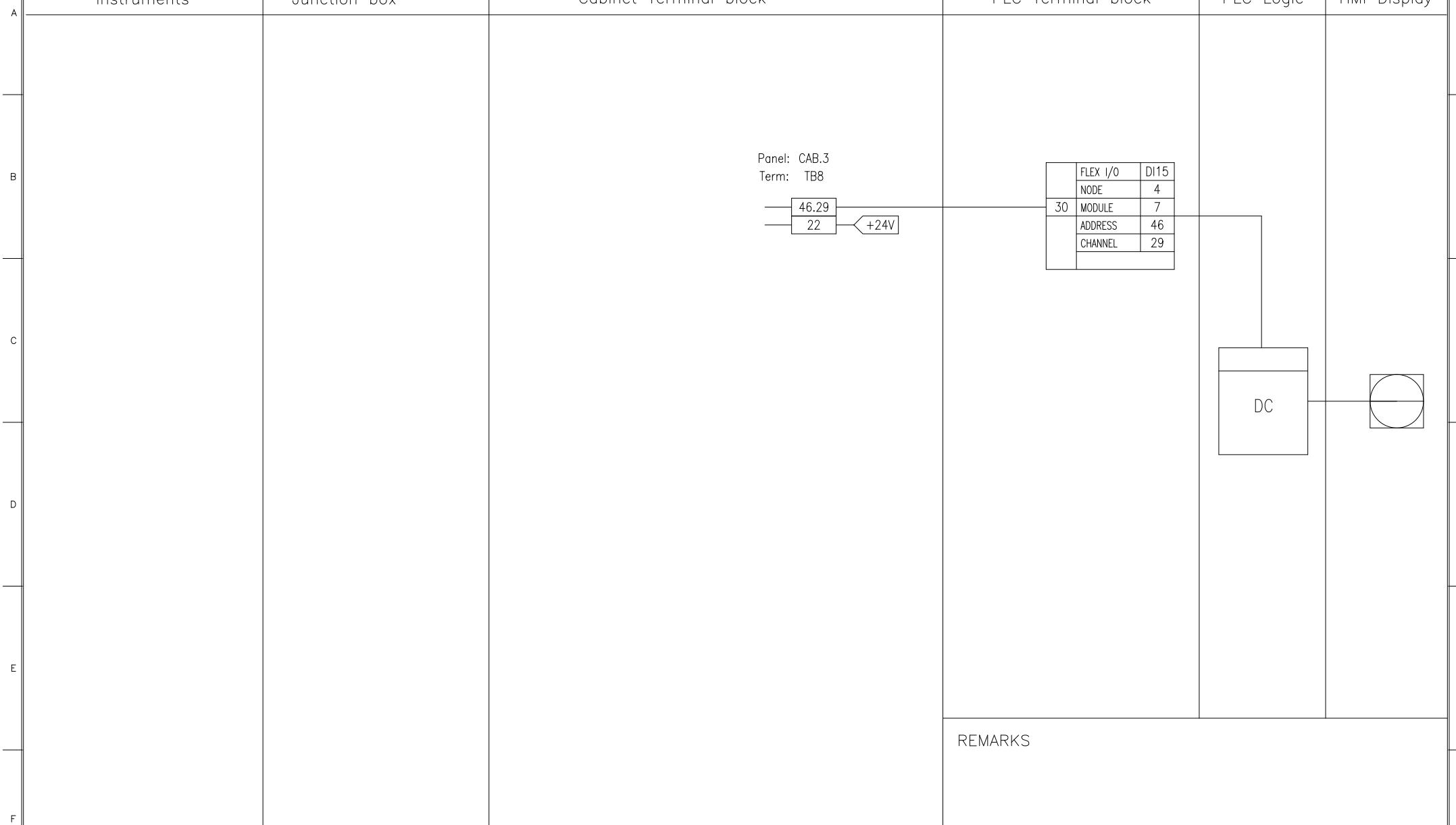
dwg. 1E35.85.1002

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



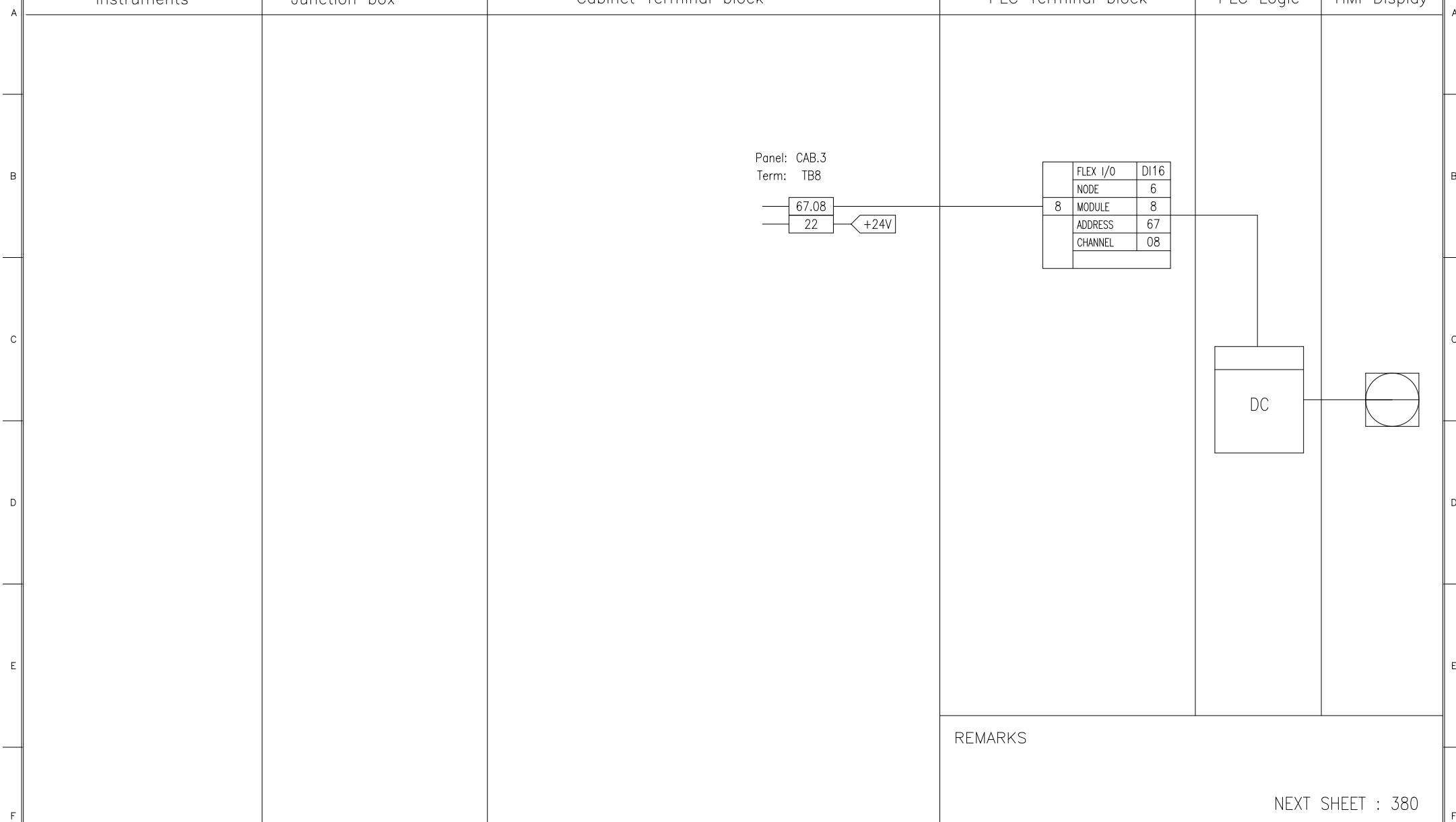
UNI A3					date 01/2011			Doc. 08039LD03	=
					desig. GL				+
0	ISSUE FOR APPROVAL	01/2011	GC	check CM				Job: 1E35	sheet 356
Rev.	Revision	Date	Name	stand. SPAC91			dwg. 1E35.85.1002		357 n.sh

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

Field

Technical room

Control room



NEXT SHEET : 380

UNI A3					date 01/2011			Doc. 08039LD03	=
					desig. GL				+
0	ISSUE FOR APPROVAL	01/2011	GC	check CM				Job: 1E35	sheet 357
Rev.	Revision	Date	Name	stand. SPAC91				dwg. 1E35.85.1002	380 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E35851002-357

SABIZ PLANT



SPARE DIGITAL INPUT

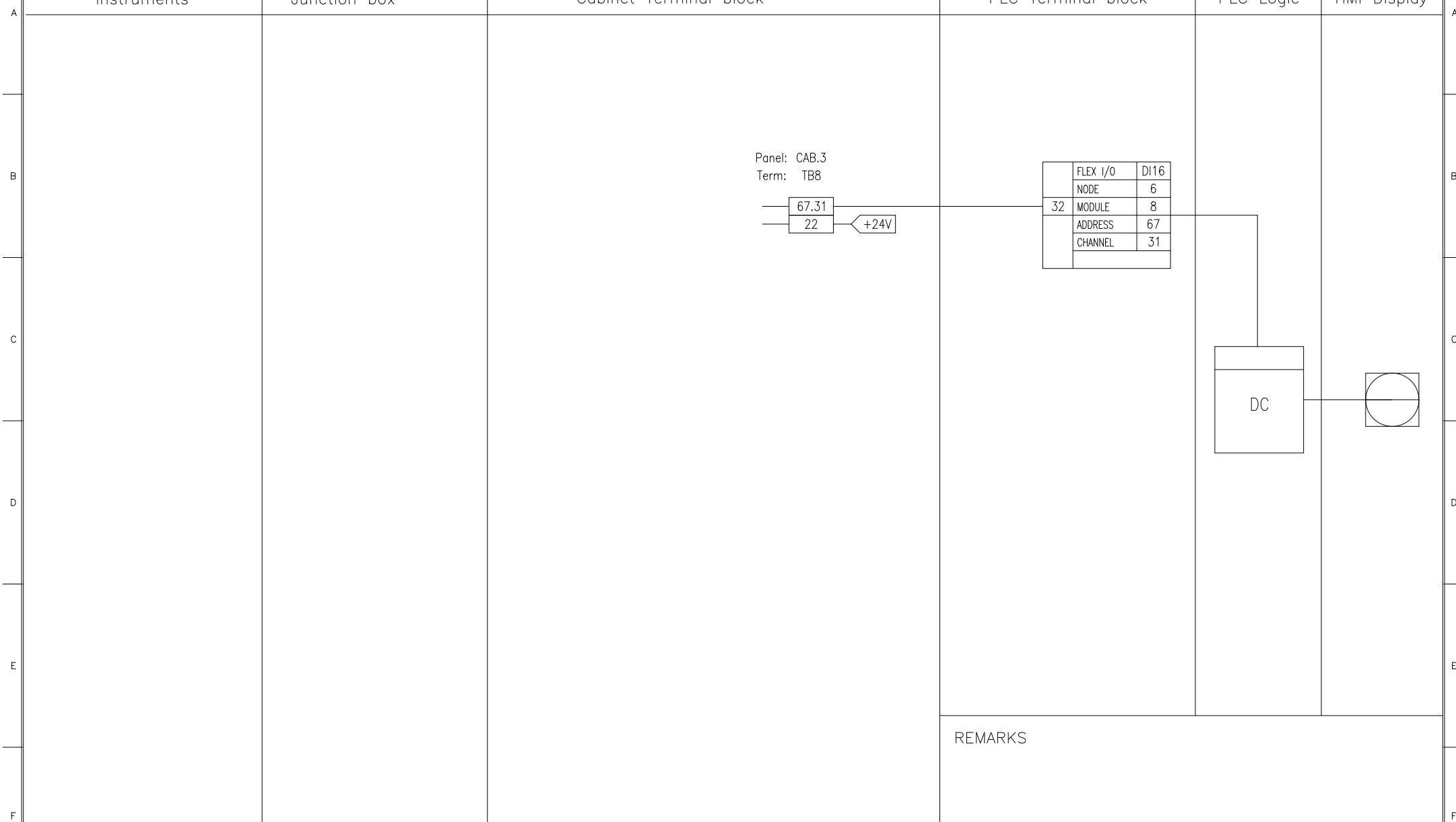
drawing's title:

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

Field

Technical room

Control room



UNI A3					date 01/2011			Doc. 08039LD03	=
					desig. GL				+
0	ISSUE FOR APPROVAL	01/2011	GC	check CM				Job: 1E35	sheet 380
Rev.	Revision	Date	Name	stand. SPAC91			dwg. 1E35.85.1002		381 n.sh

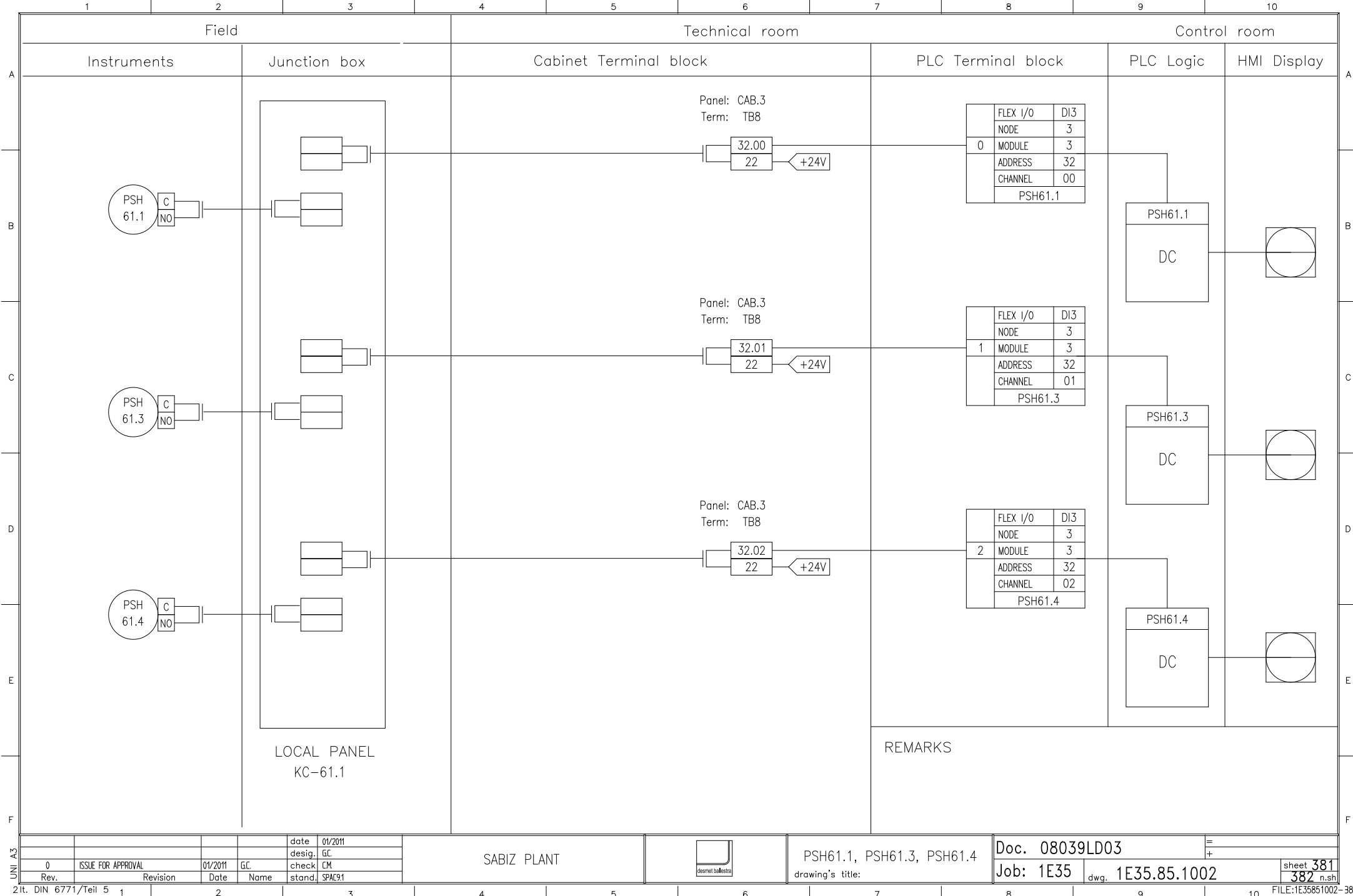
2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E35851002-380

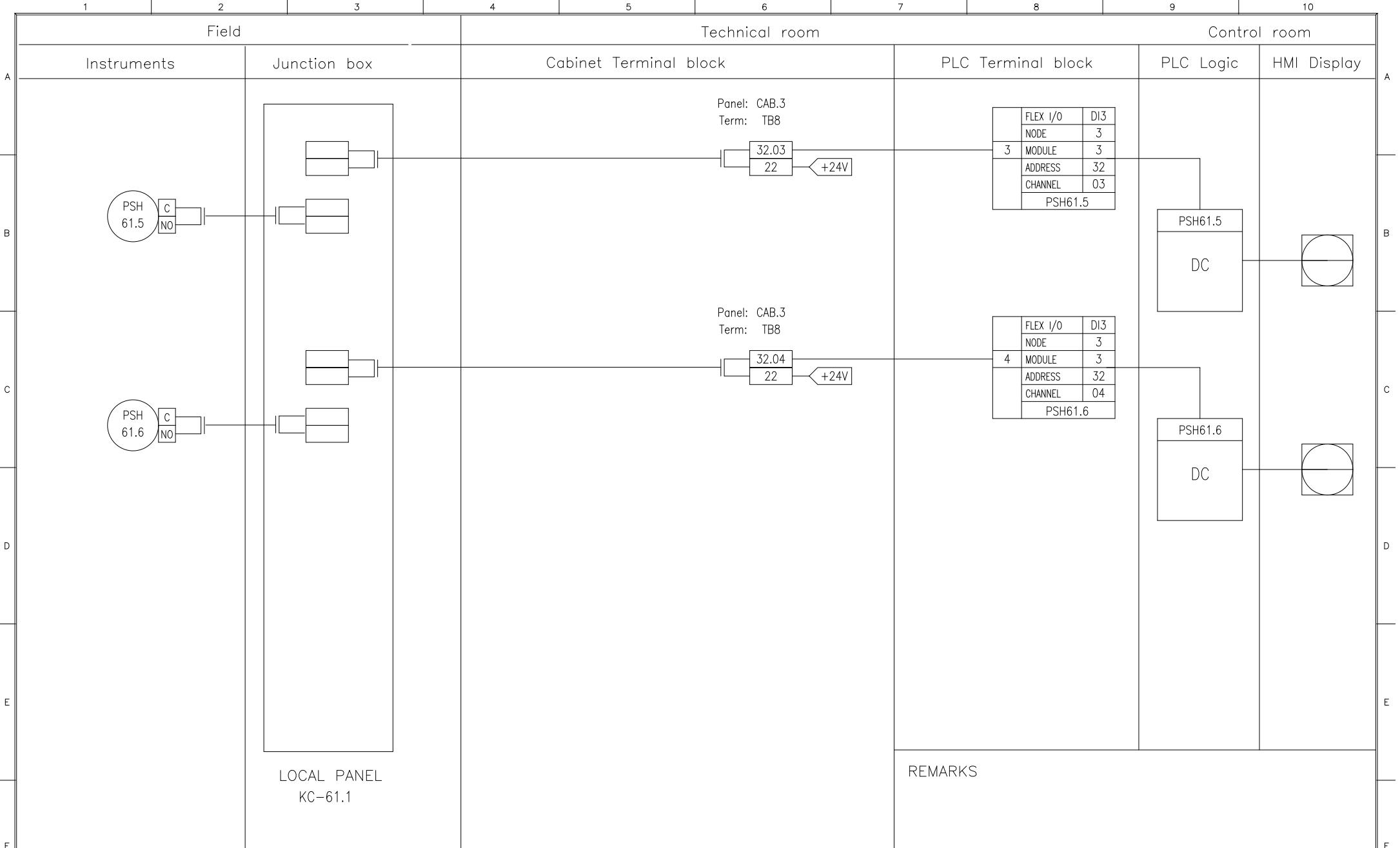
SABIZ PLANT



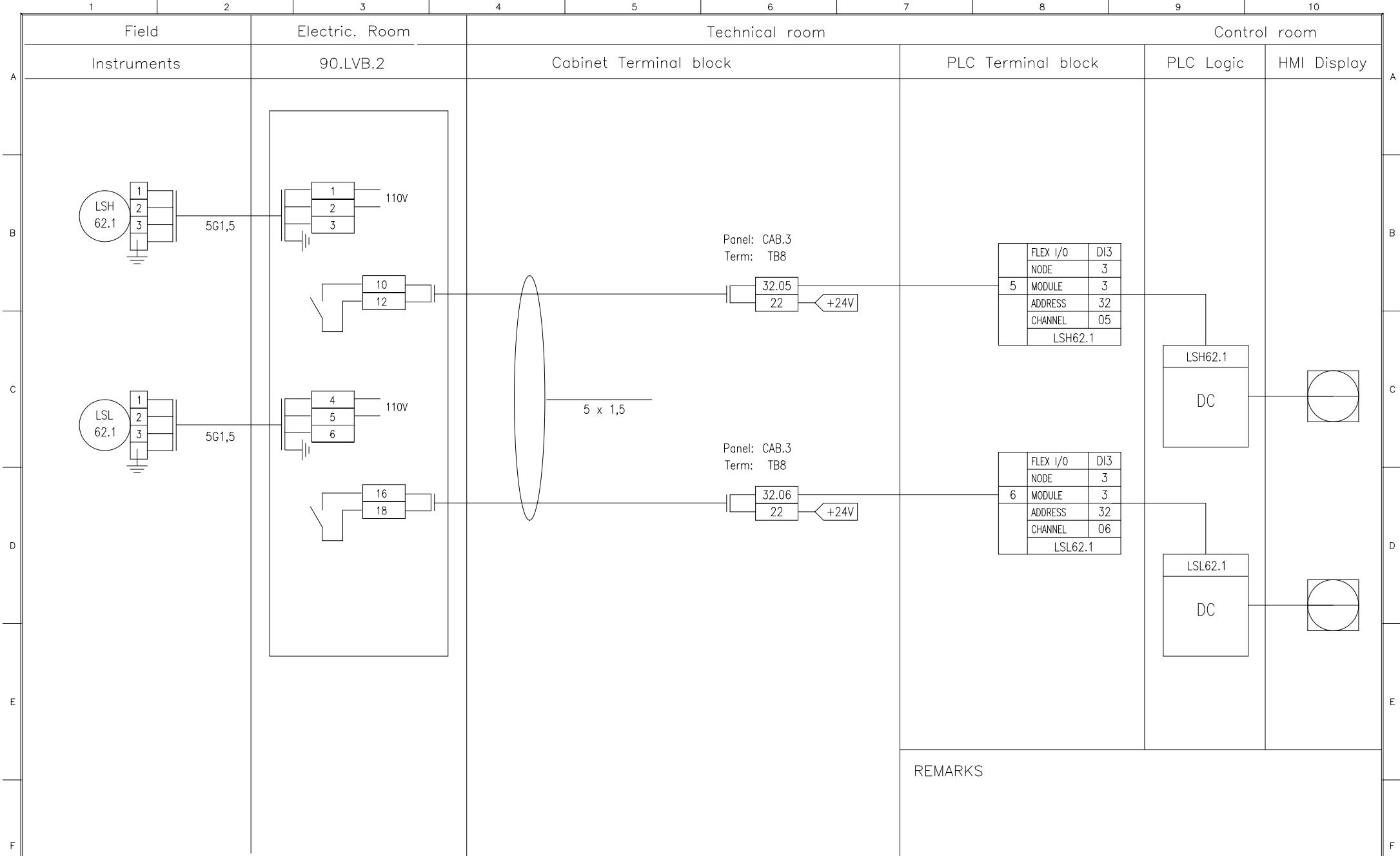
SPARE DIGITAL INPUT

drawing's title:





UNI A3				date	01/2011	=	
				desig.	GC	=	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	+	
Rev.	Revision	Date	Name	stand.	SPAC91		
2it. DIN 6771/Teil 5 1	2	3	4	5	6	7	8
SABIZ PLANT							
							
				PSH61.5, PSH61.6	Doc. 08039LD03	=	
				drawing's title:	Job: 1E35	sheet 382	
					dwg. 1E35.85.1002	383 n.sh	



UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

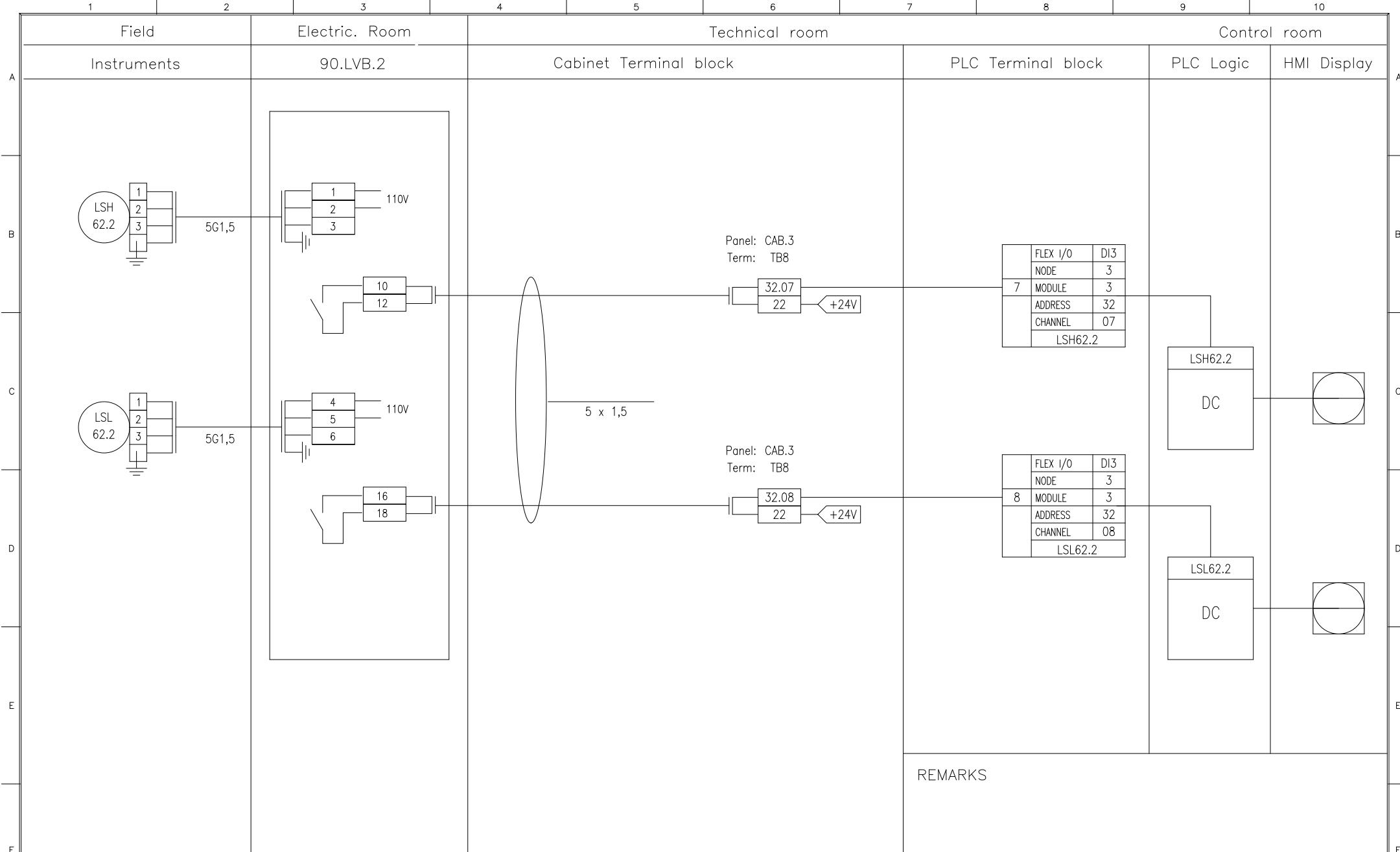


LEVEL SWITCH LSH/L62.1

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 383
384 n.sh



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
				desig.	GL
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

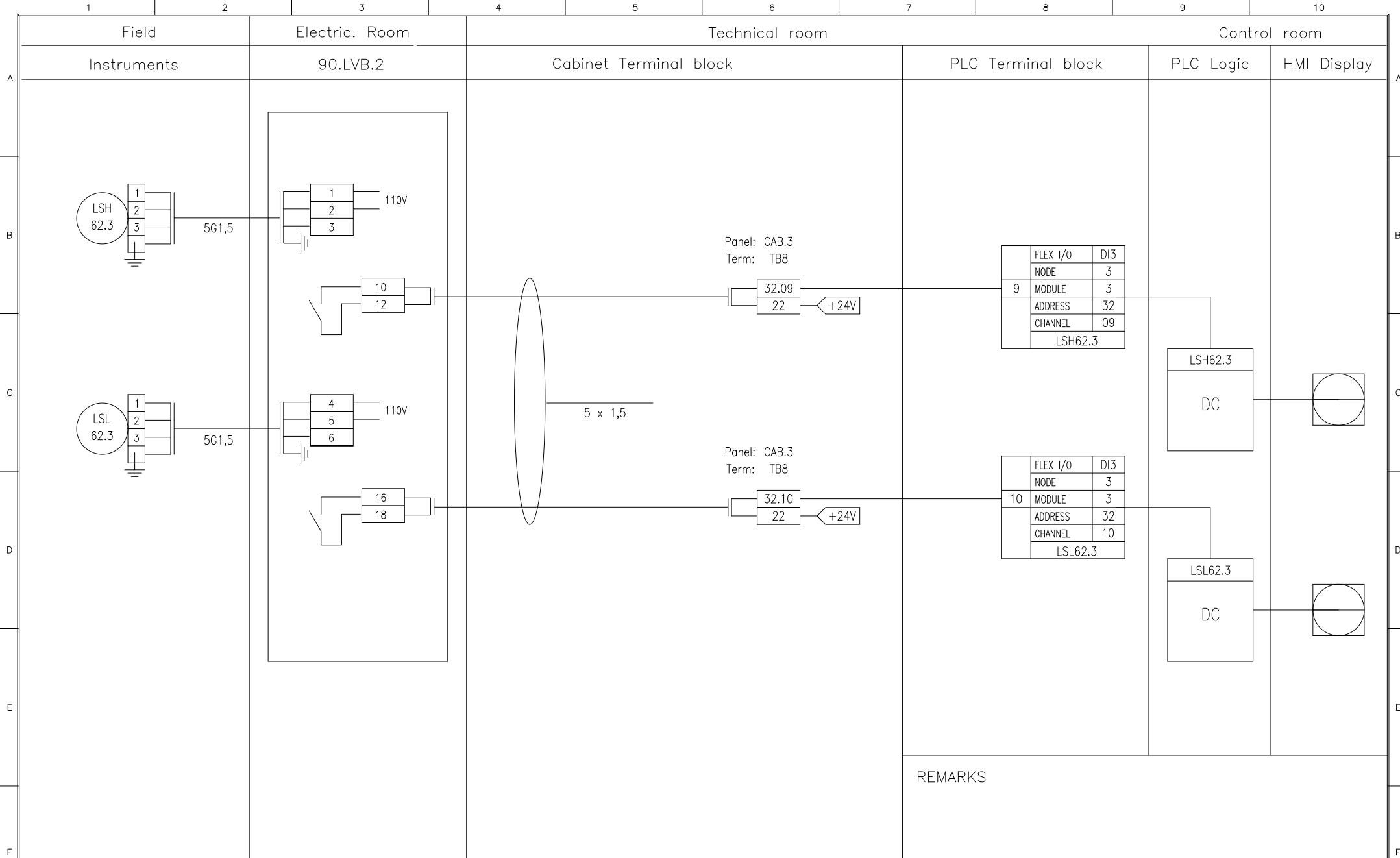


LEVEL SWITCH LSH/L62.2
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 384
385 n.sh



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT

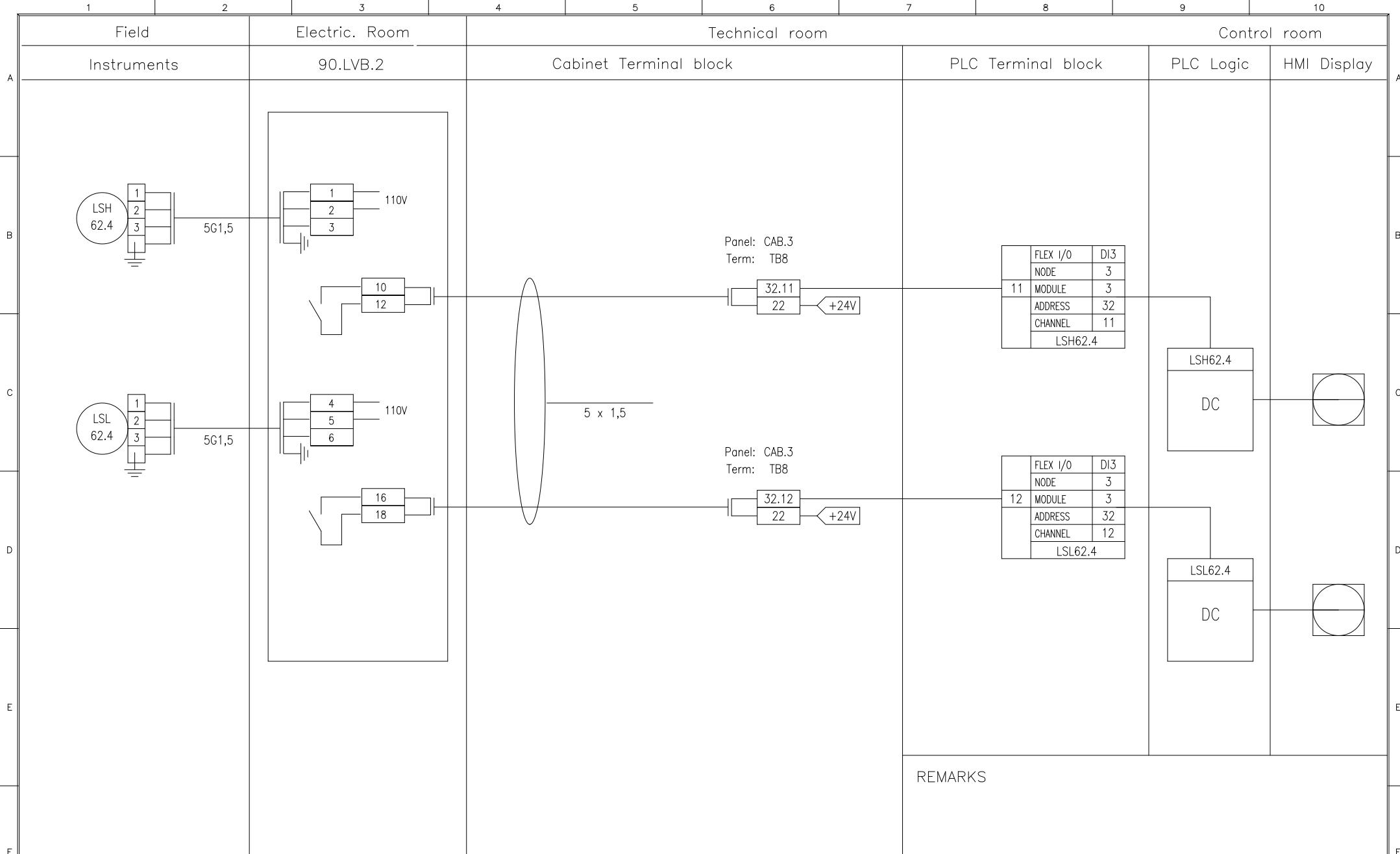


LEVEL SWITCH LSH/L62.3
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 385
386 n.sh



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011		
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM		
Rev.	Revision	Date	Name	stand.	SPAC91		

SABIZ PLANT

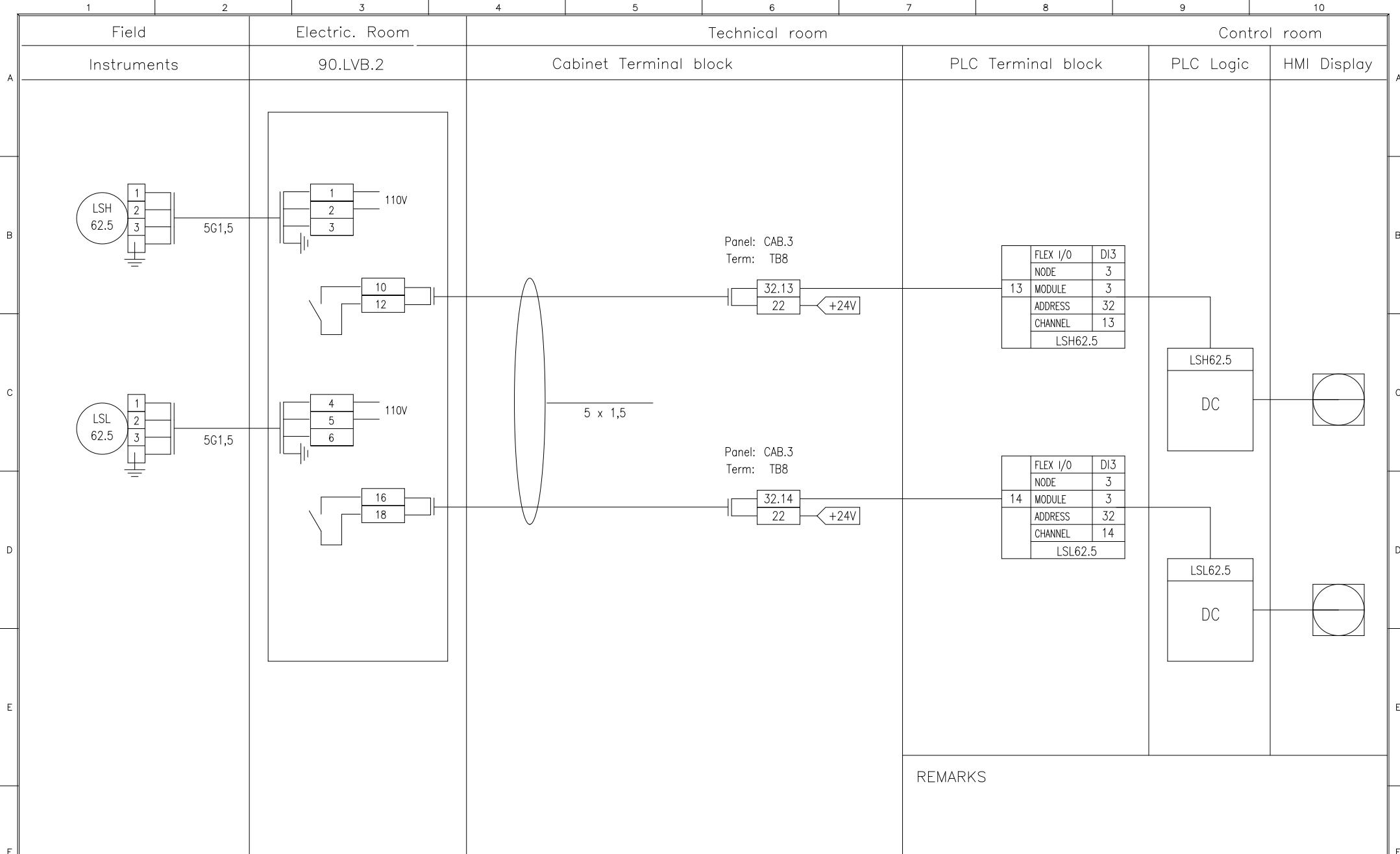


LEVEL SWITCH LSH/L62.4
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 386
387 n.sh



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011	
				desig.	GL	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
				stand.	SPAC91	

Rev. Revision Date Name

SABIZ PLANT

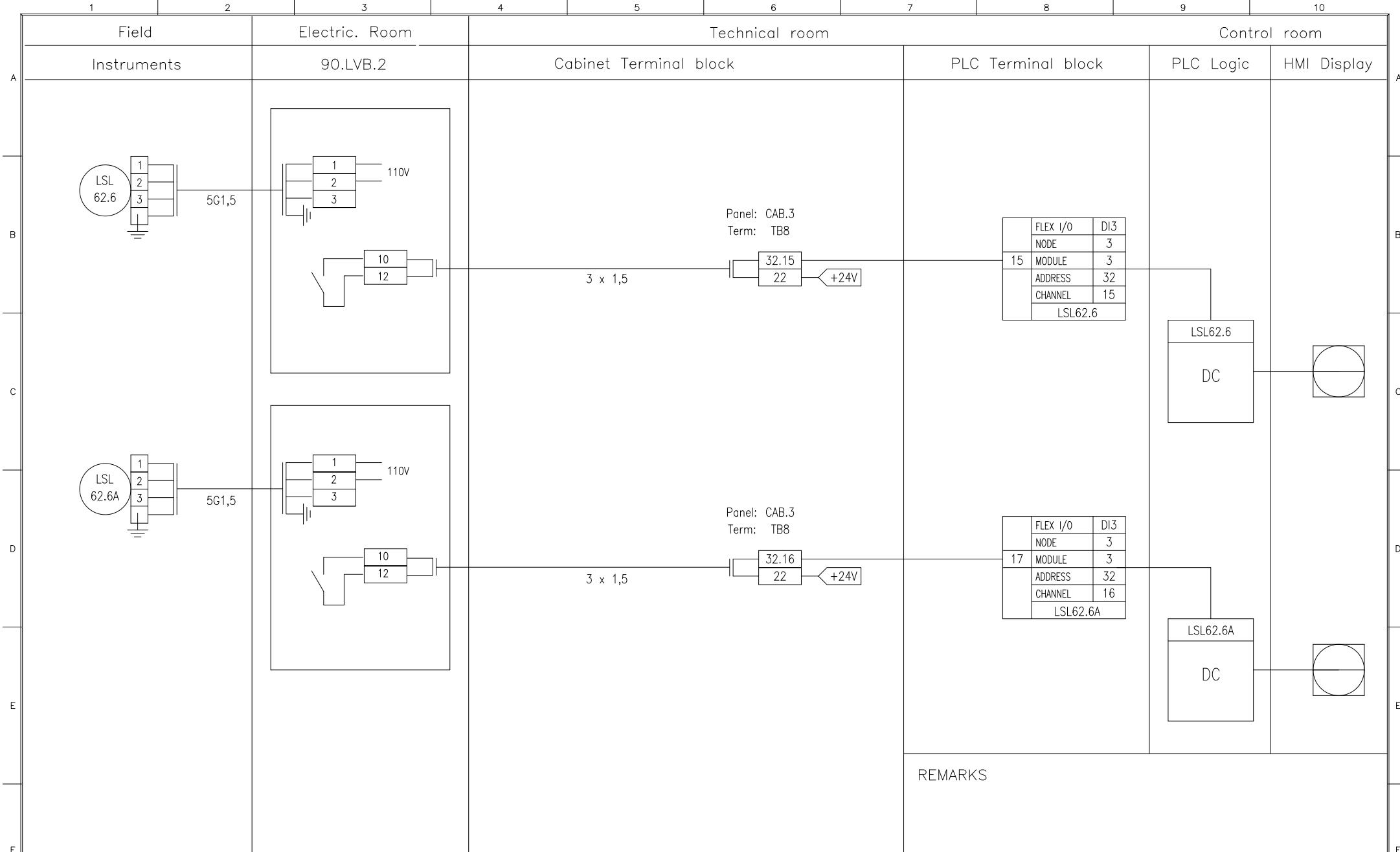


LEVEL SWITCH LSH/L62.5
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 387
388 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC.	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC.	desig.	GC
	Rev.	Revision	Date	Name	check	CM

SABIZ PLANT

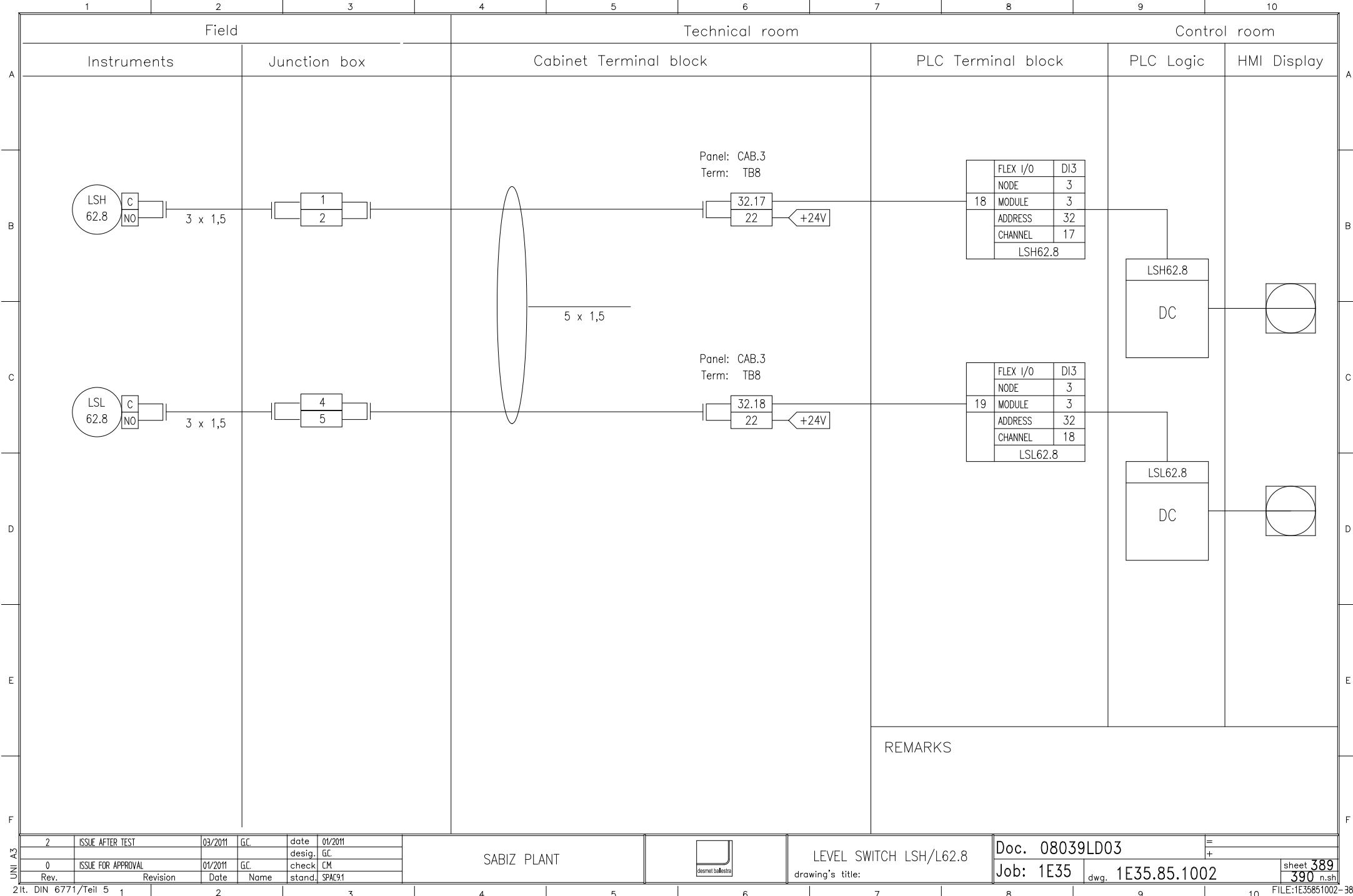


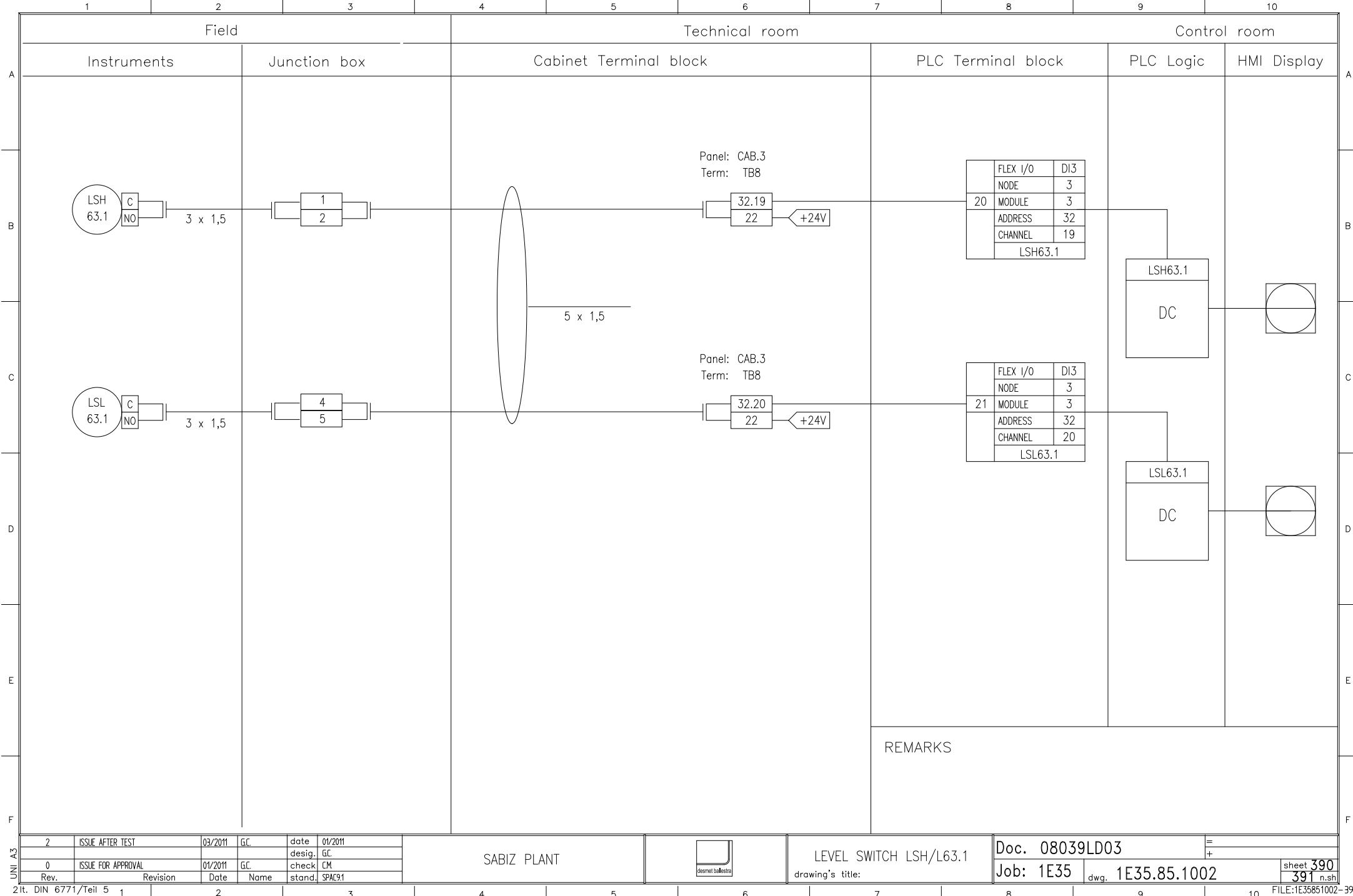
LEVEL SWITCH LSL62.6, 6A
drawing's title:

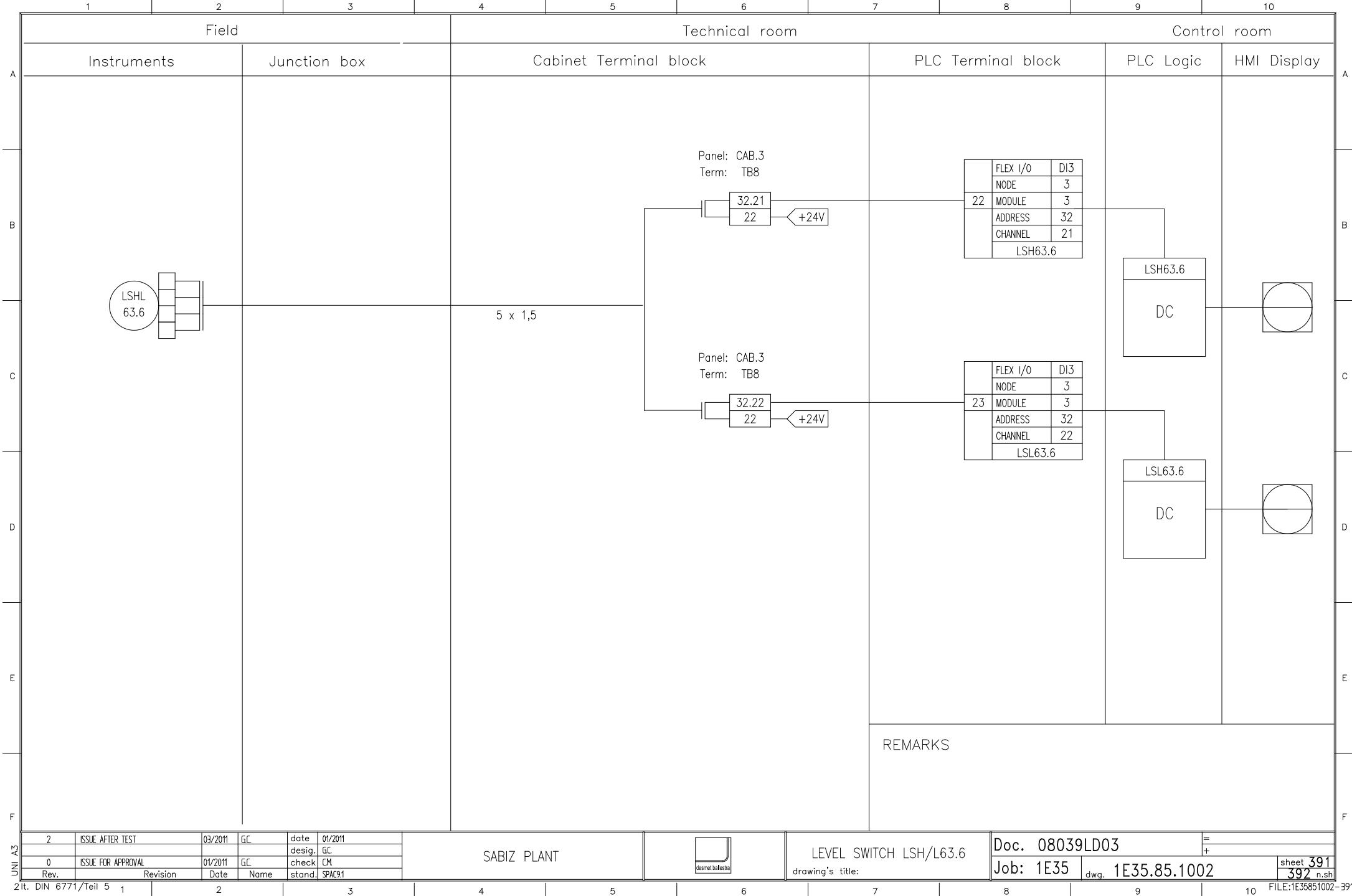
Doc. 08039LD03

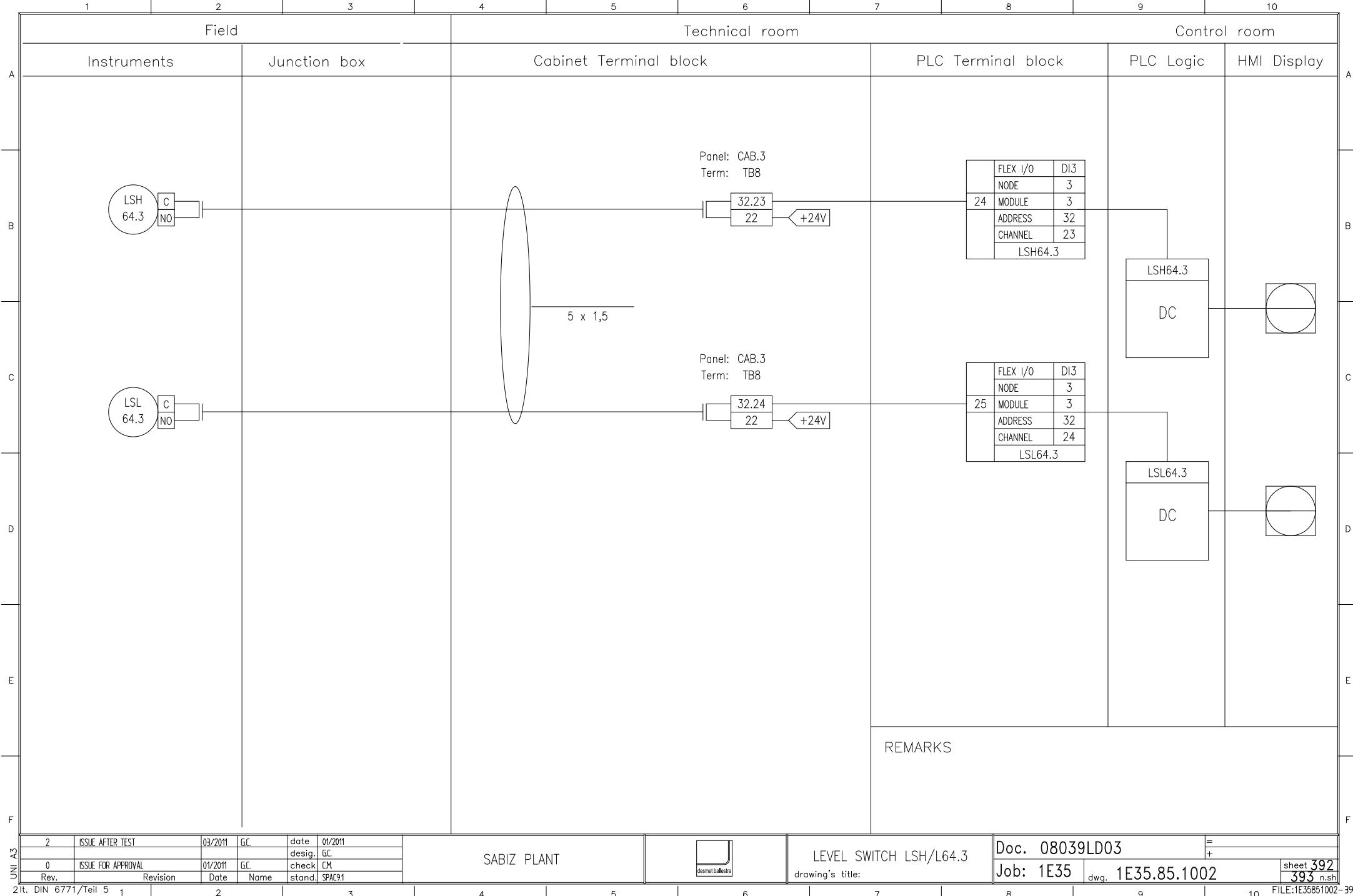
Job: 1E35 dwg. 1E35.85.1002

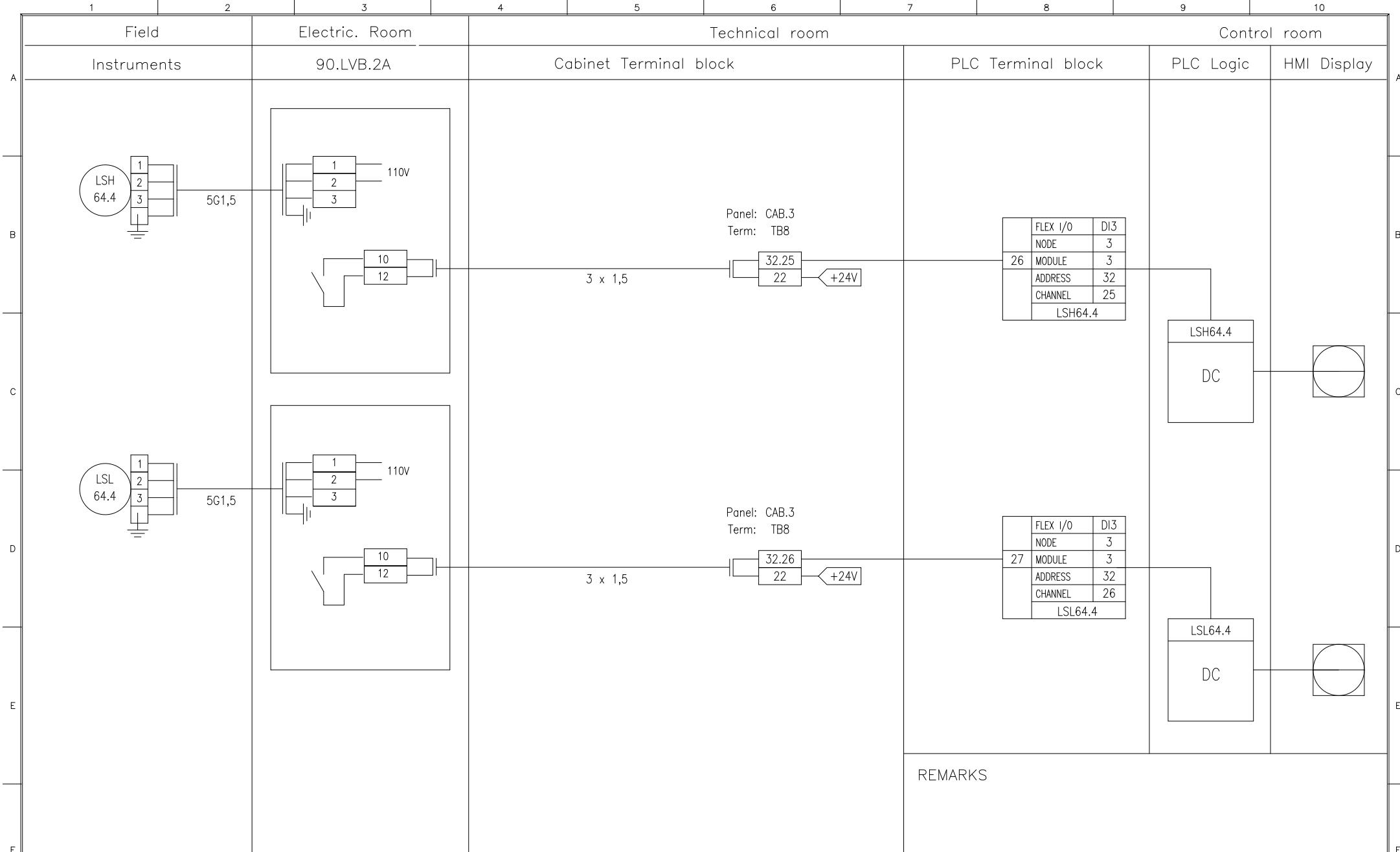
sheet 388
389 n.sh











UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SARIZ PLANT

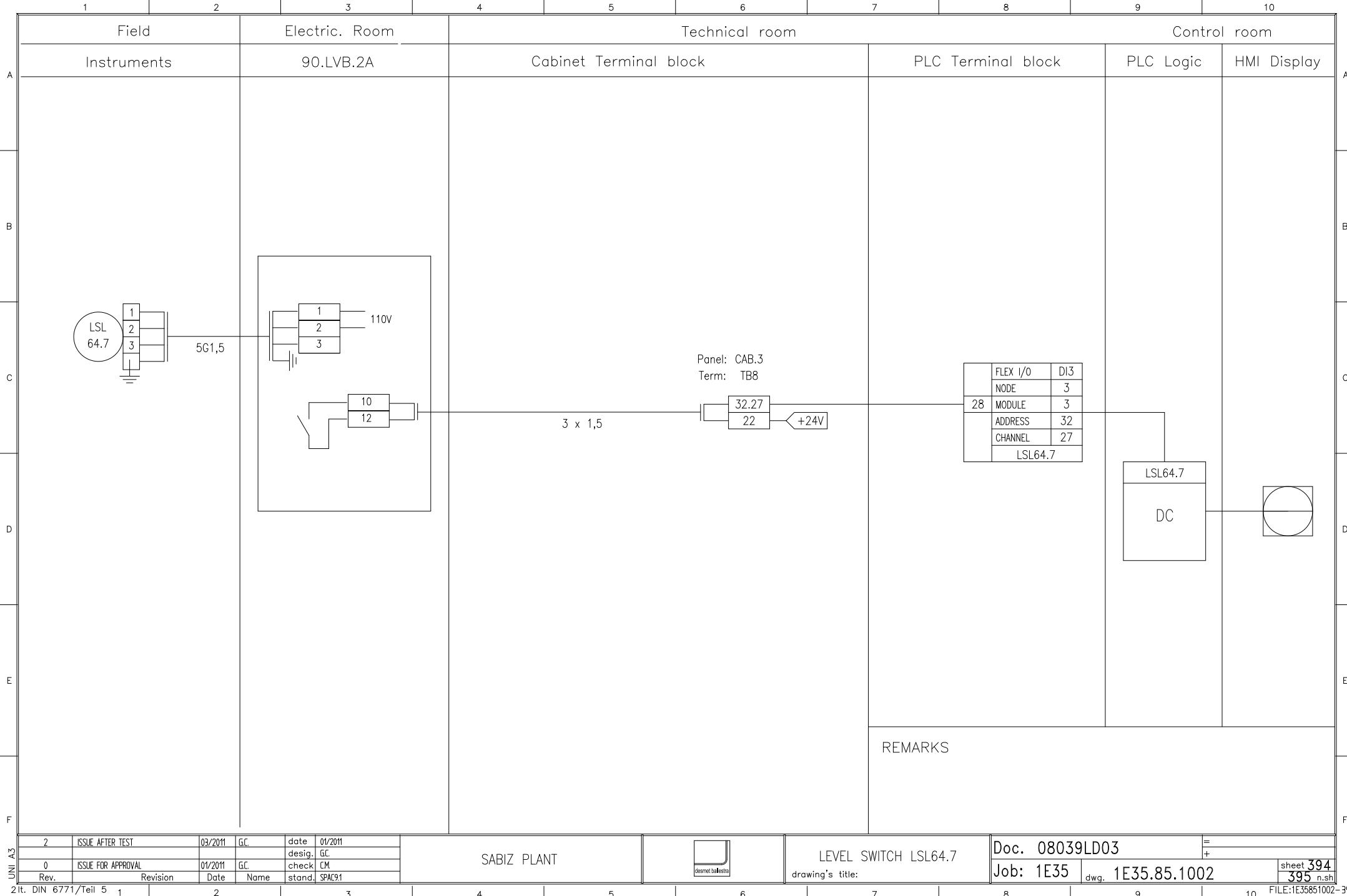


LEVEL SWITCH LSH/L64.4

Doc. 08039LD03

Job: 1E35 dwg 1E35.85.1002

sheet 39
394

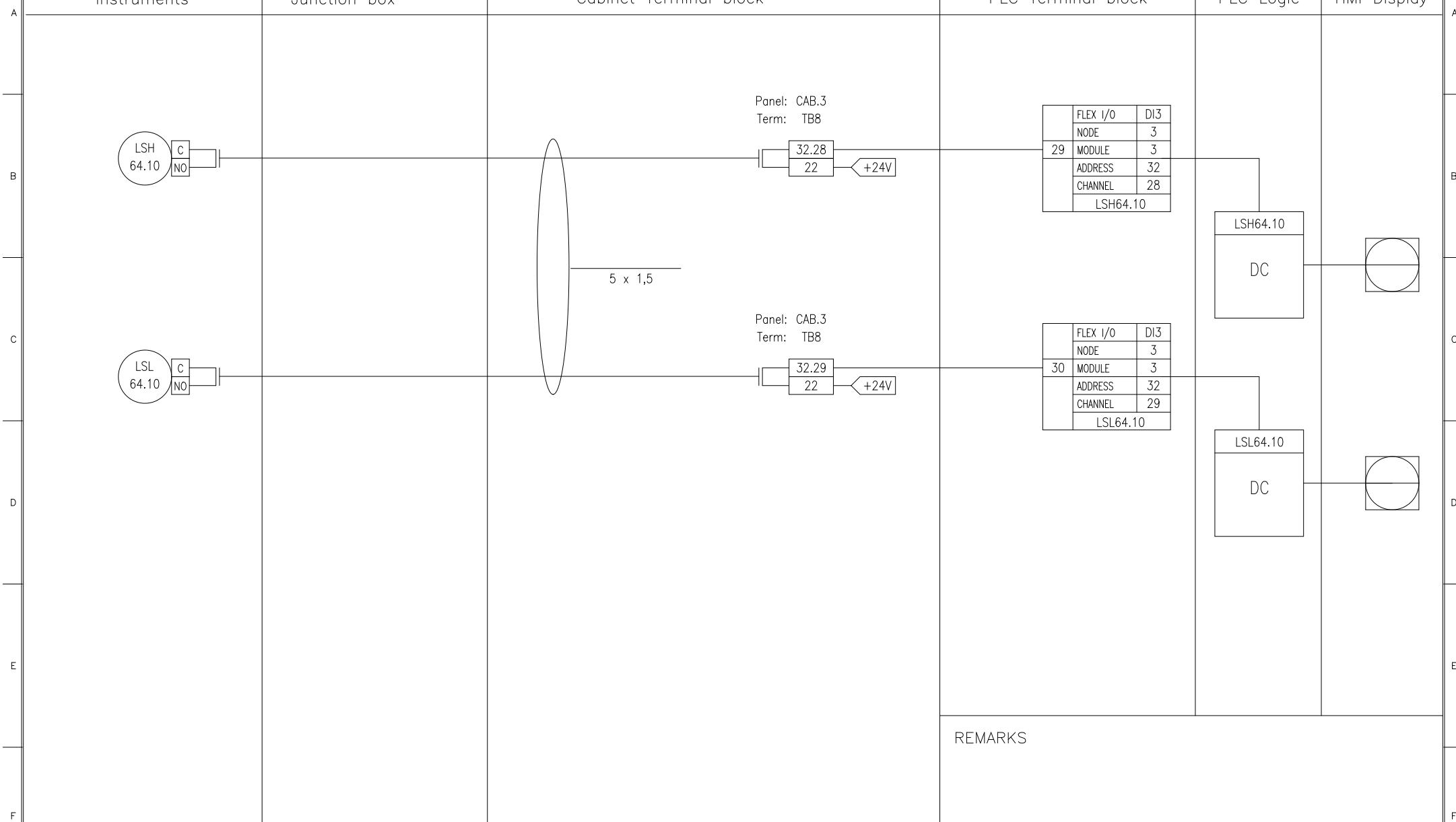


1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

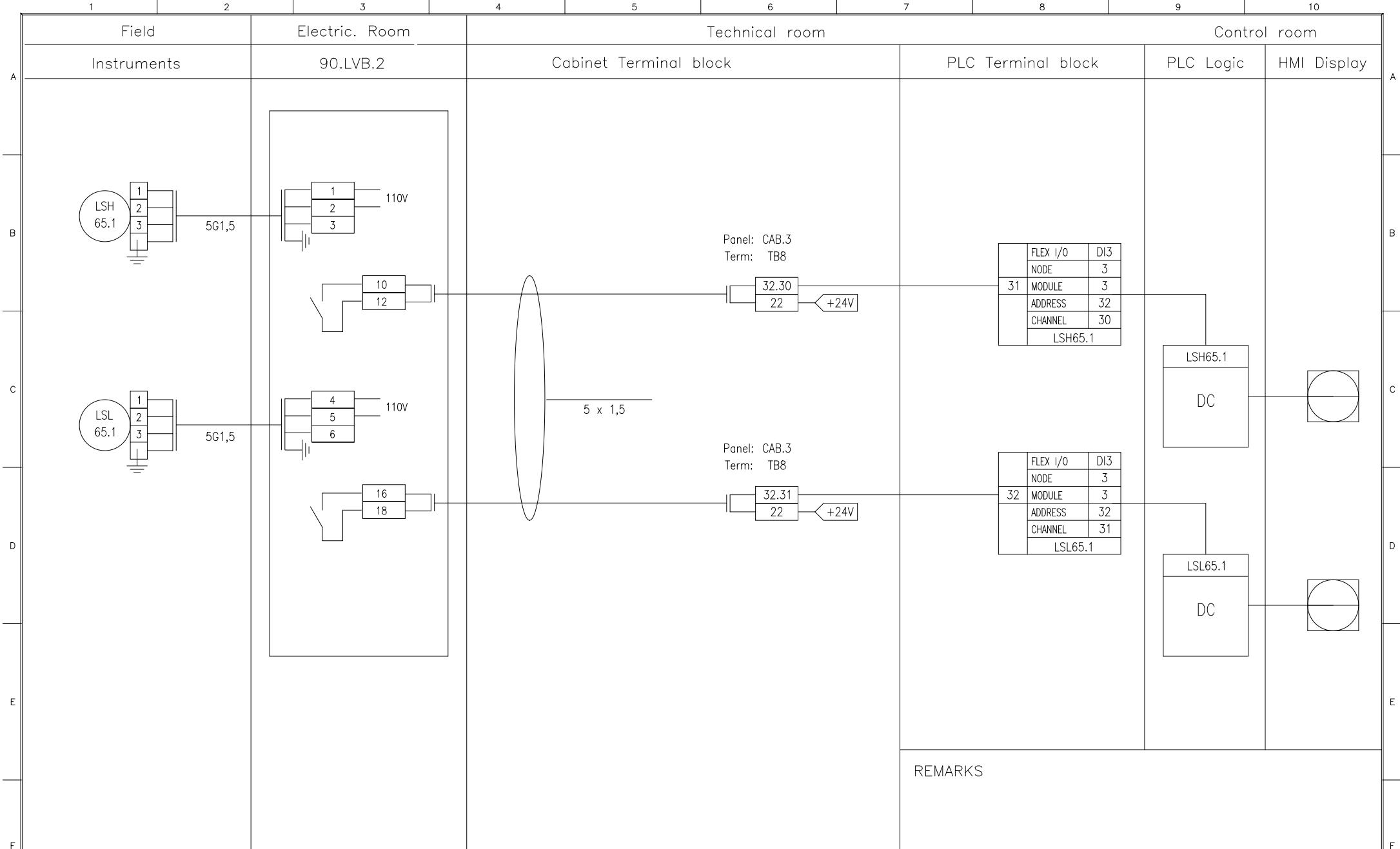
SABIZ PLANT

LEVEL SWITCH LSH/L64.10
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 395
396 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SARIZ PLANT



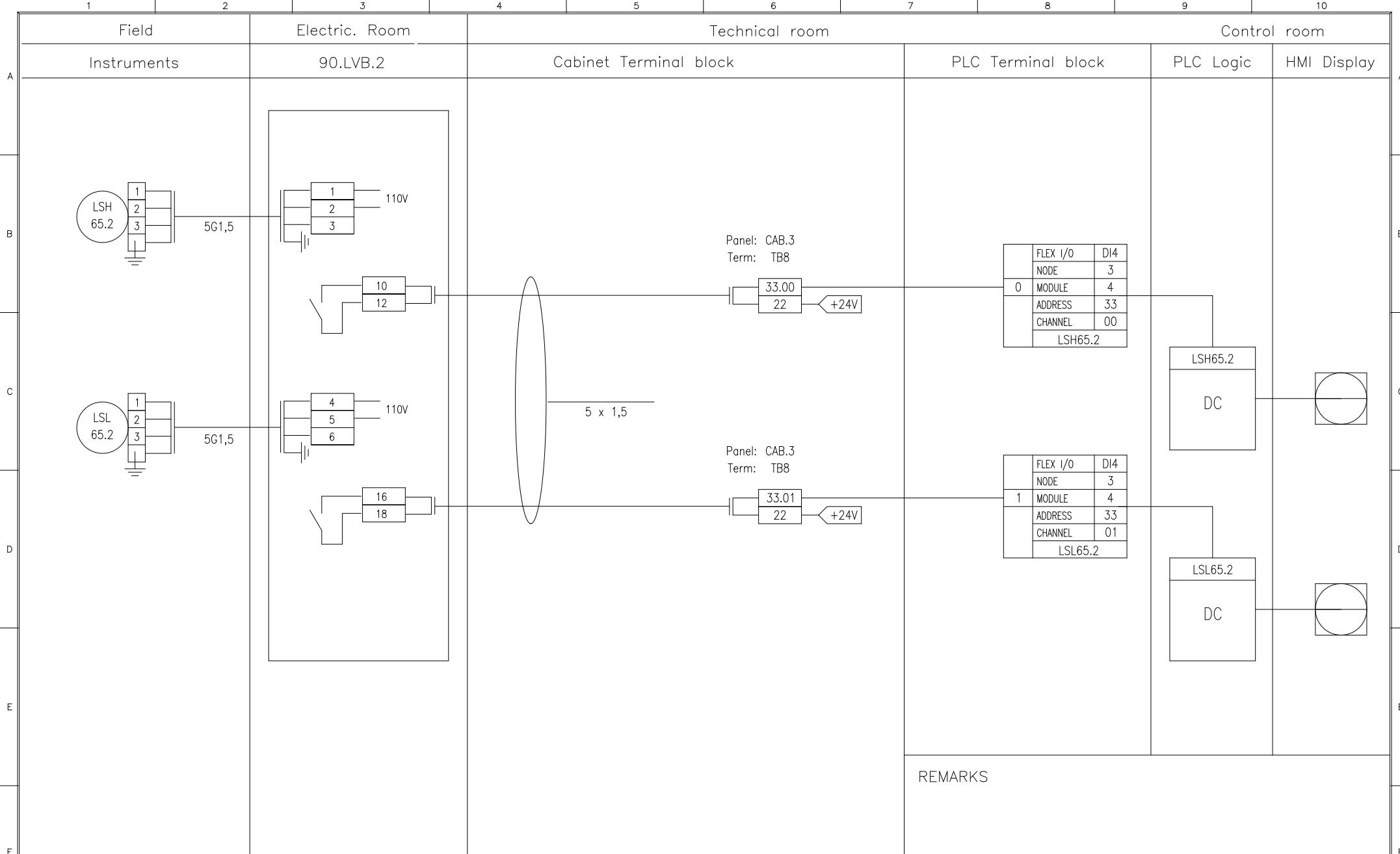
LEVEL SWITCH LSH/L65.1

the drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 396
397 n.sh



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT

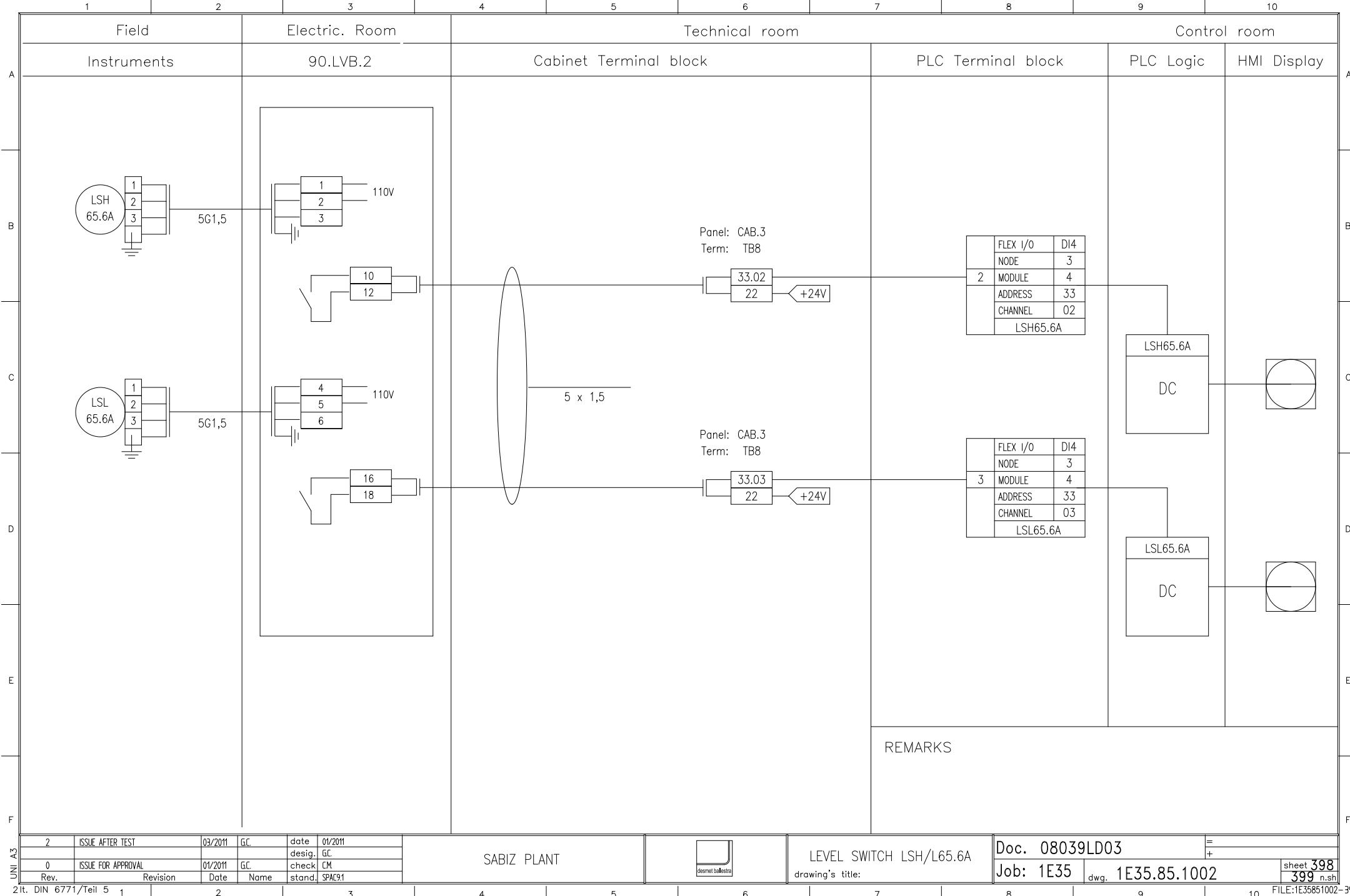


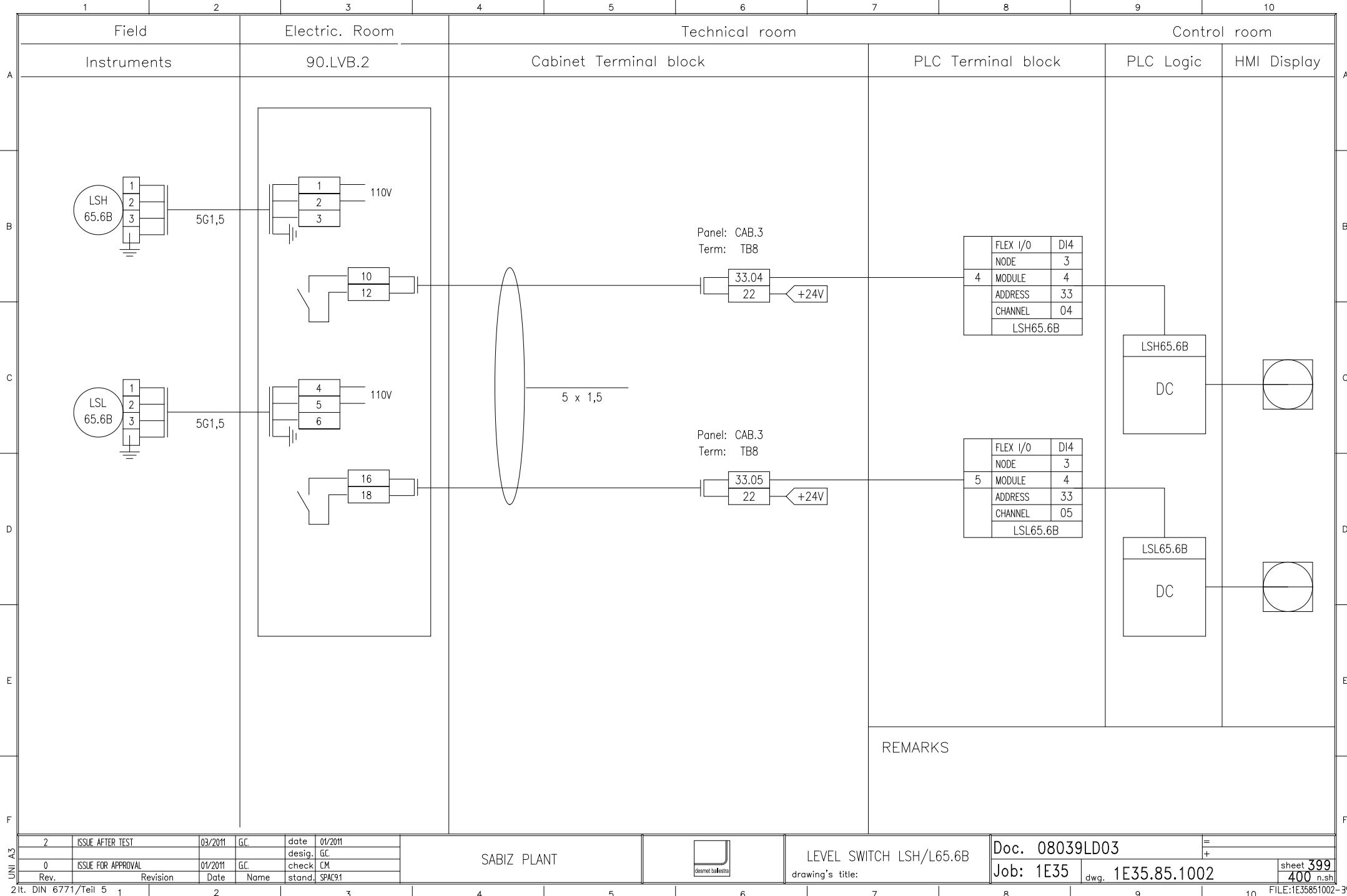
LEVEL SWITCH LSH/L65.2
drawing's title:

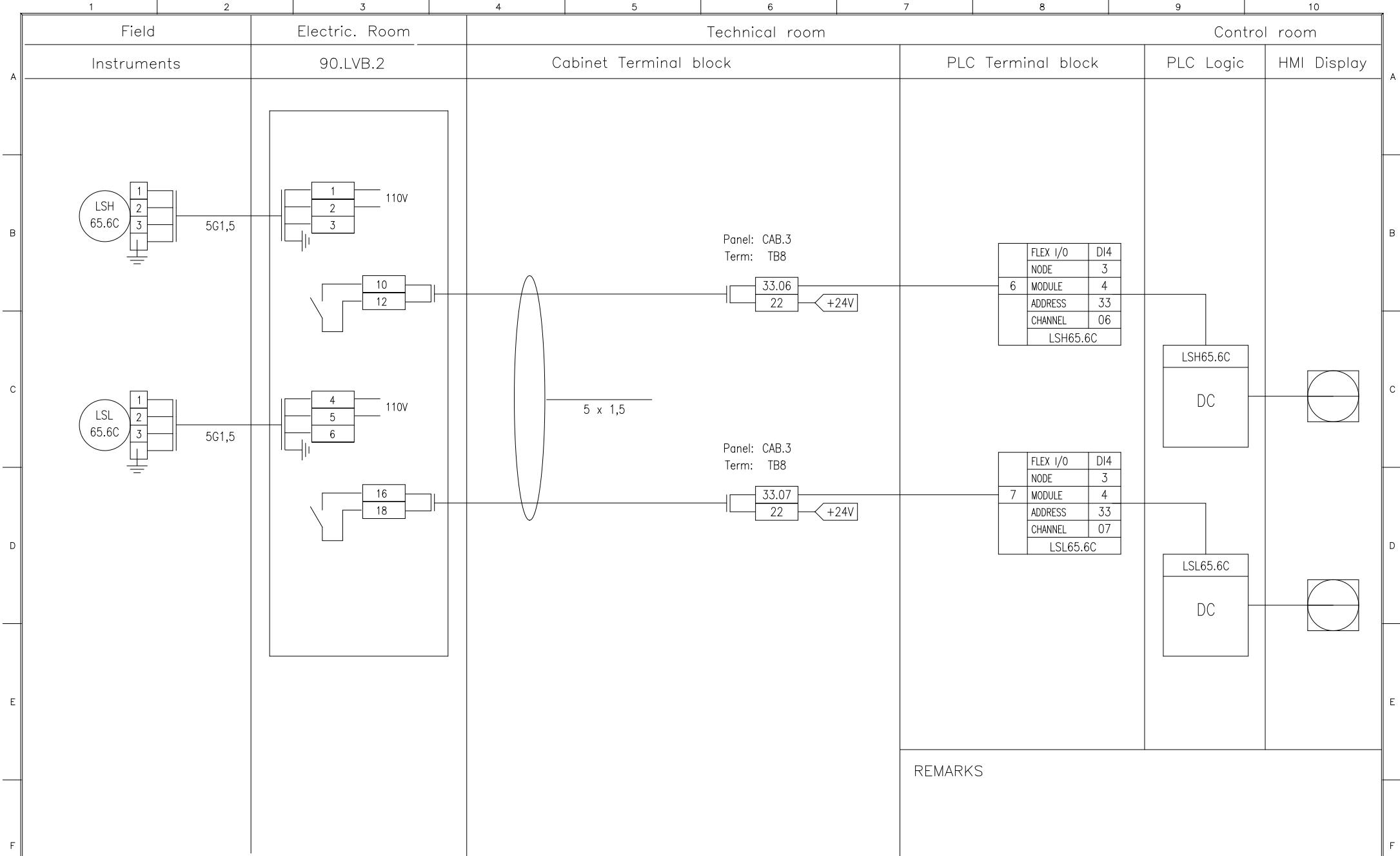
Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 397
398 n.sh







UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	desig.	GC
	Rev.	Revision	Date	Name	stand.	CM
						SPAC91

SABIZ PLANT

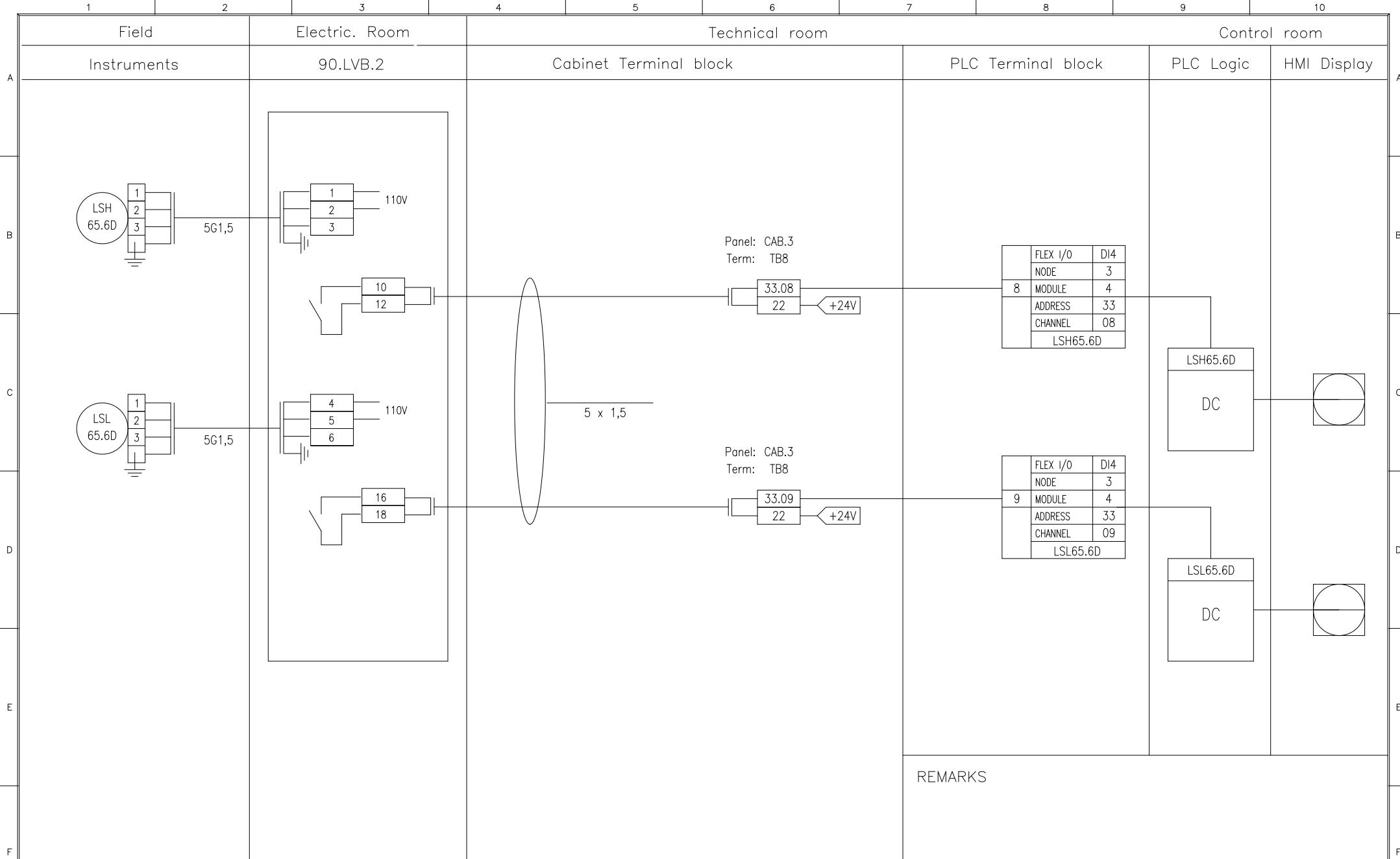


LEVEL SWITCH LSH/L65.6C

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 400
401 n.sh



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand	SPAC91	

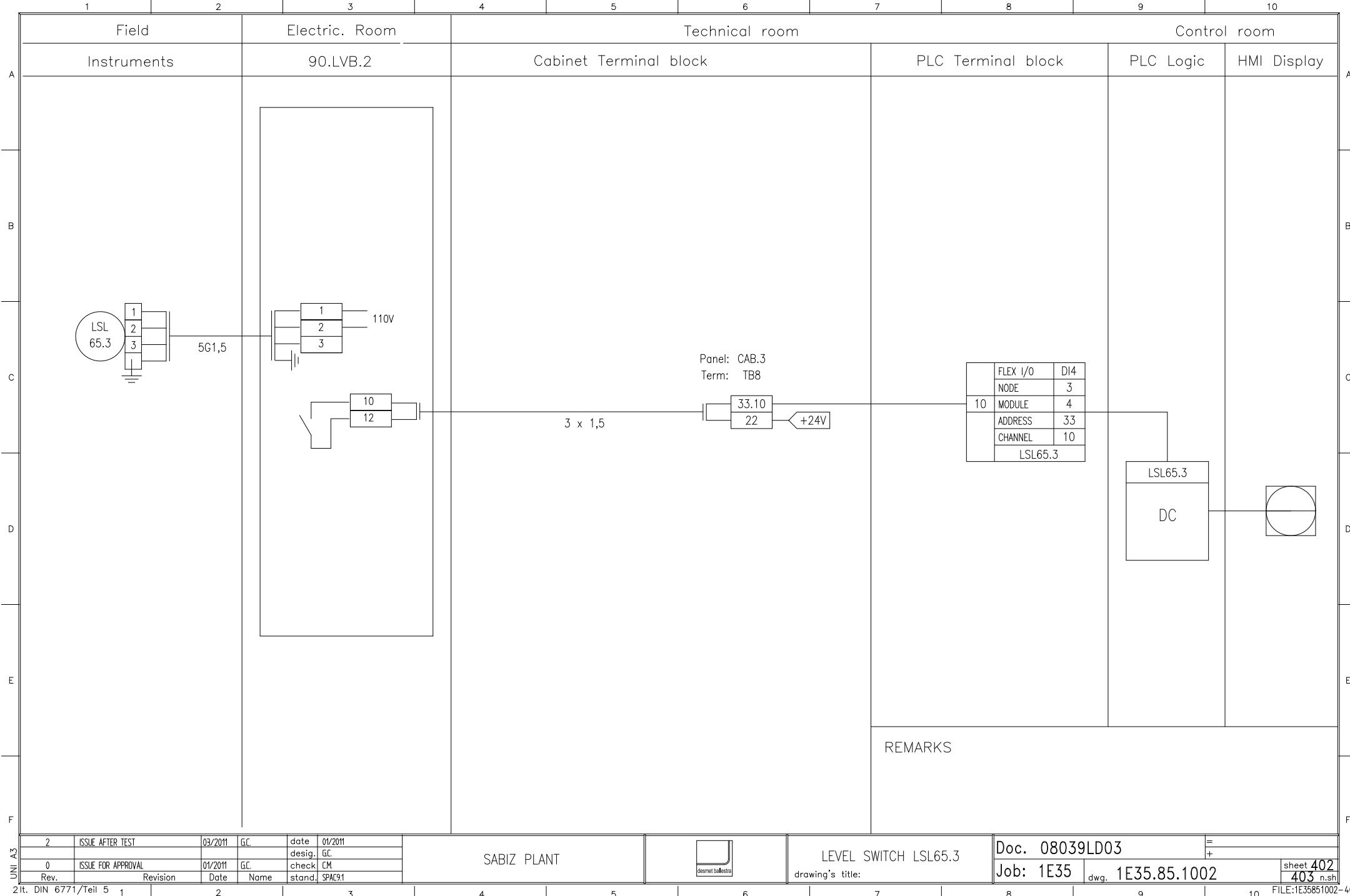
SABIZ PLANT

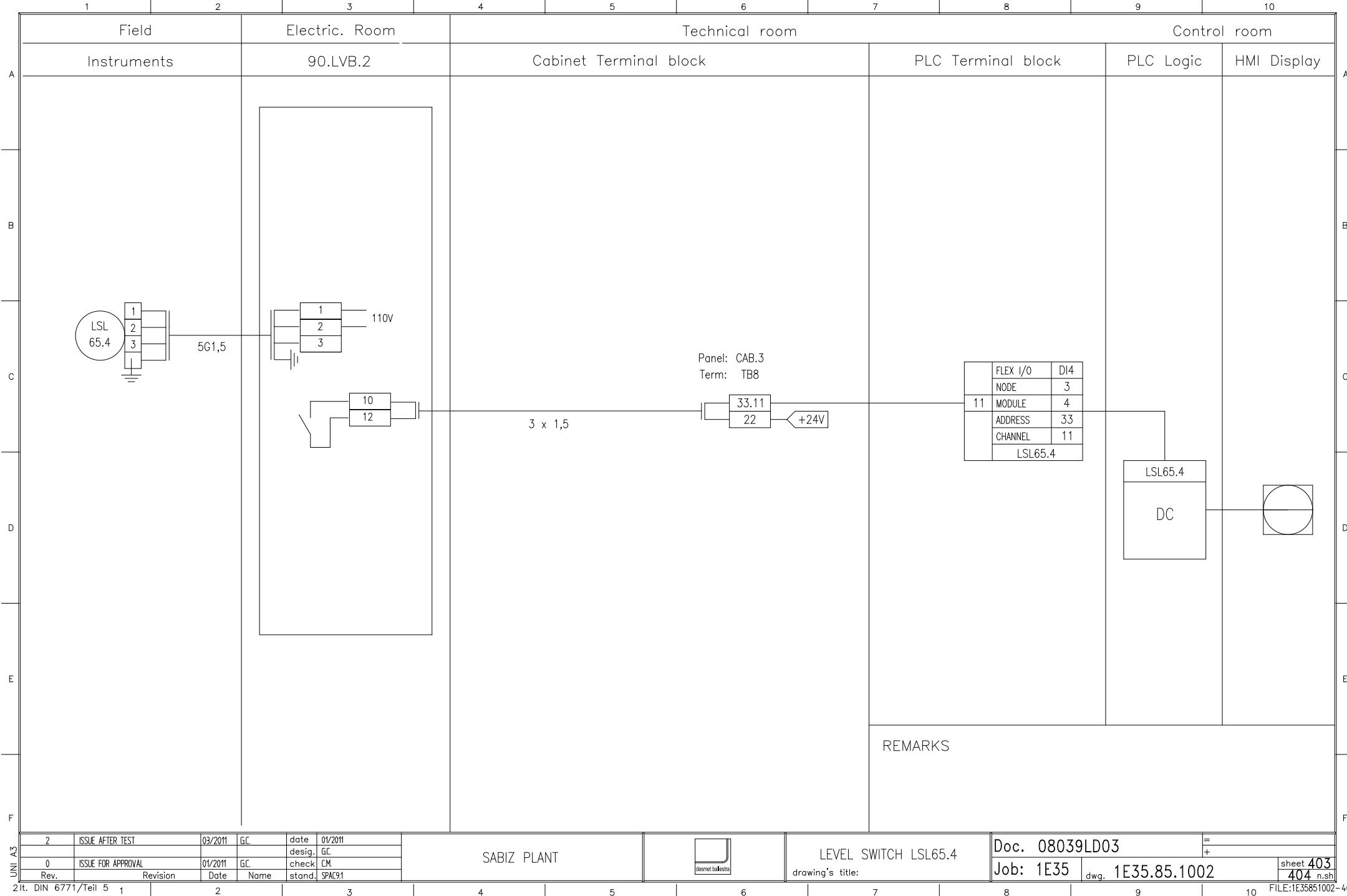


LEVEL SWITCH LSH/L65.6D
drawing's title:

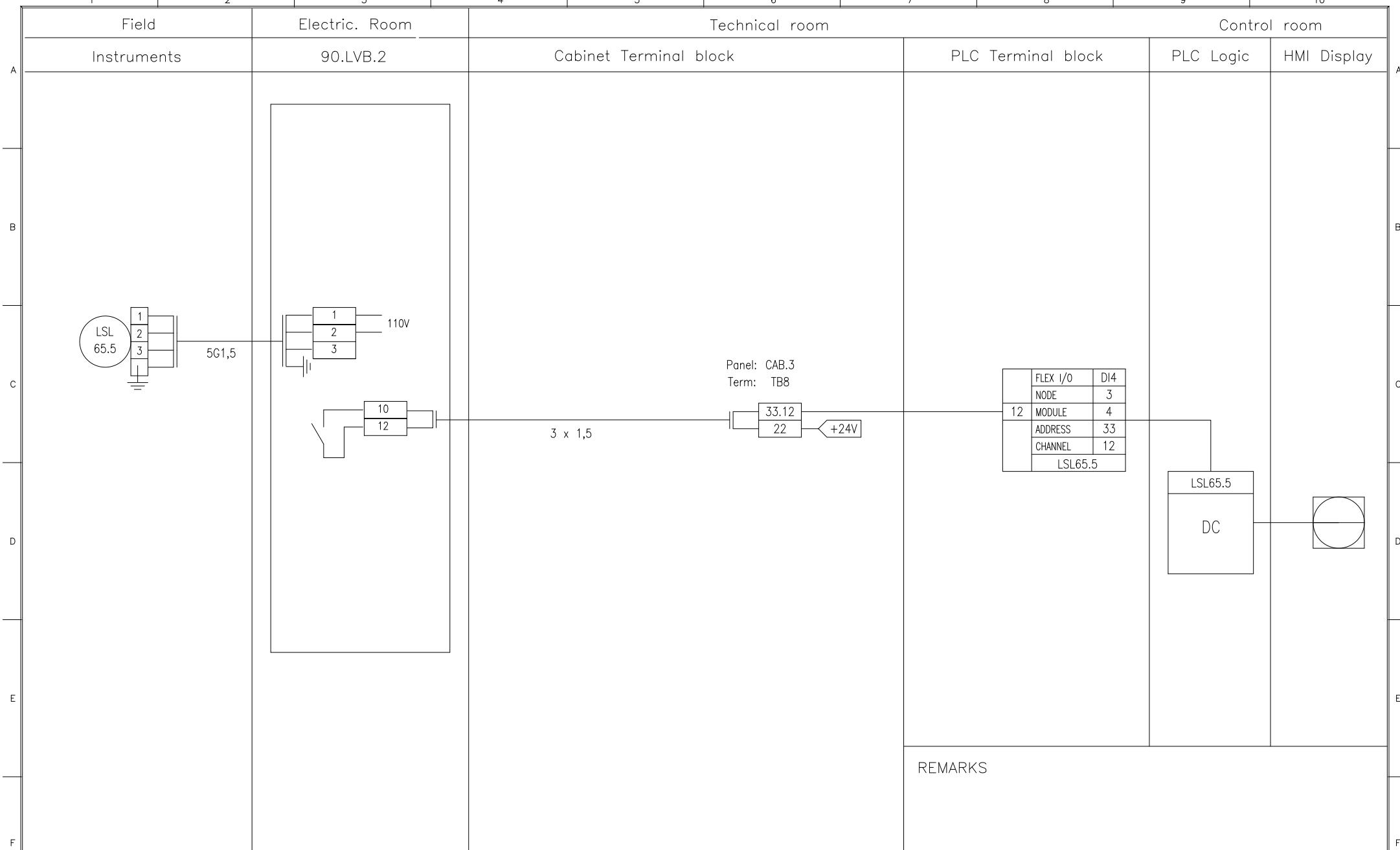
Doc. 08039LD03
Job: 1E35 dwg. 1E35.85.1002

sheet 401
402 n.sh





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



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
				desig.	GL
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM

Rev. Revision Date Name stand. SPAC91

SABIZ PLANT



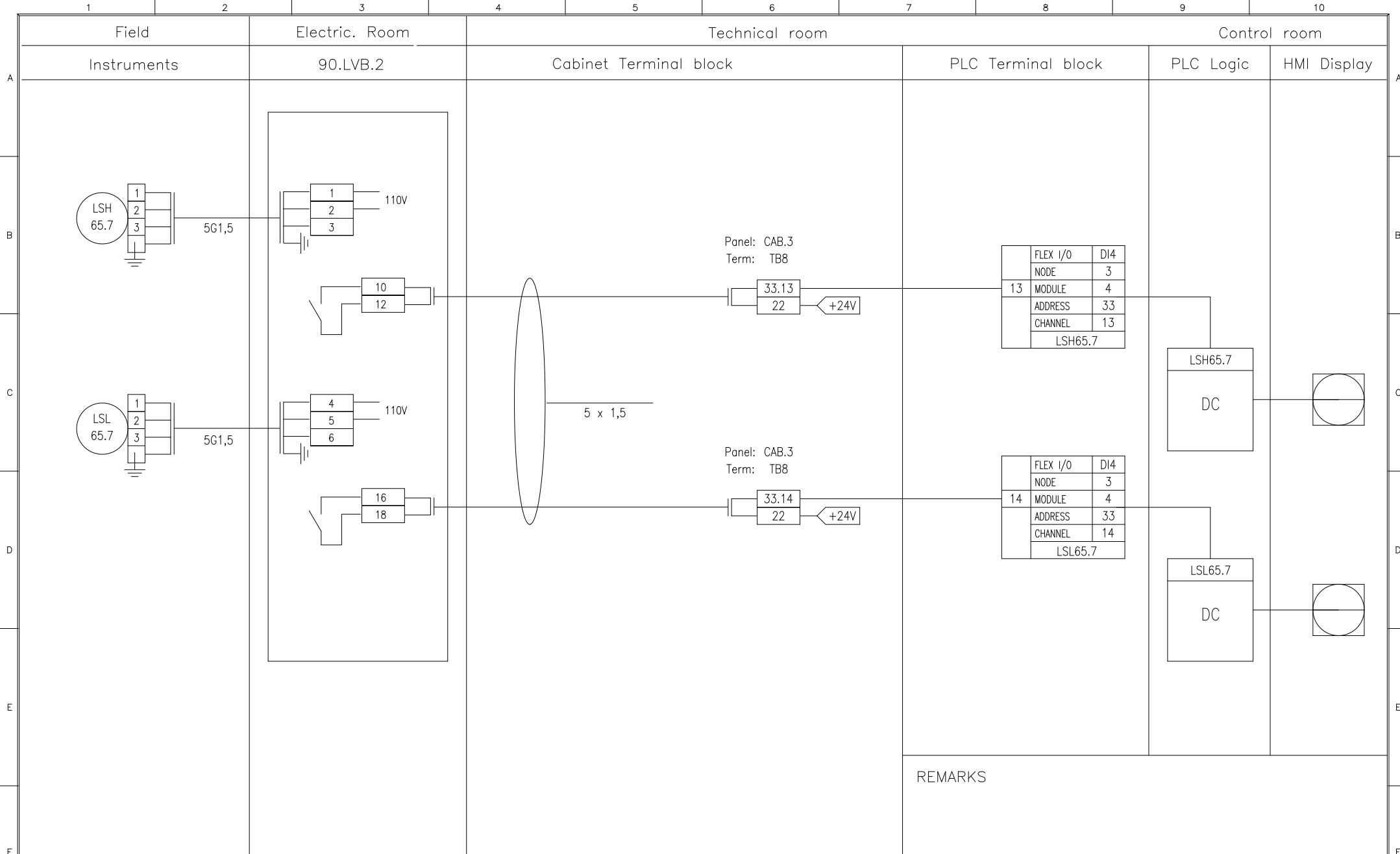
LEVEL SWITCH LSL65.5
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 404
405 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E35851002-404



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT



LEVEL SWITCH LSH/L65.7
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

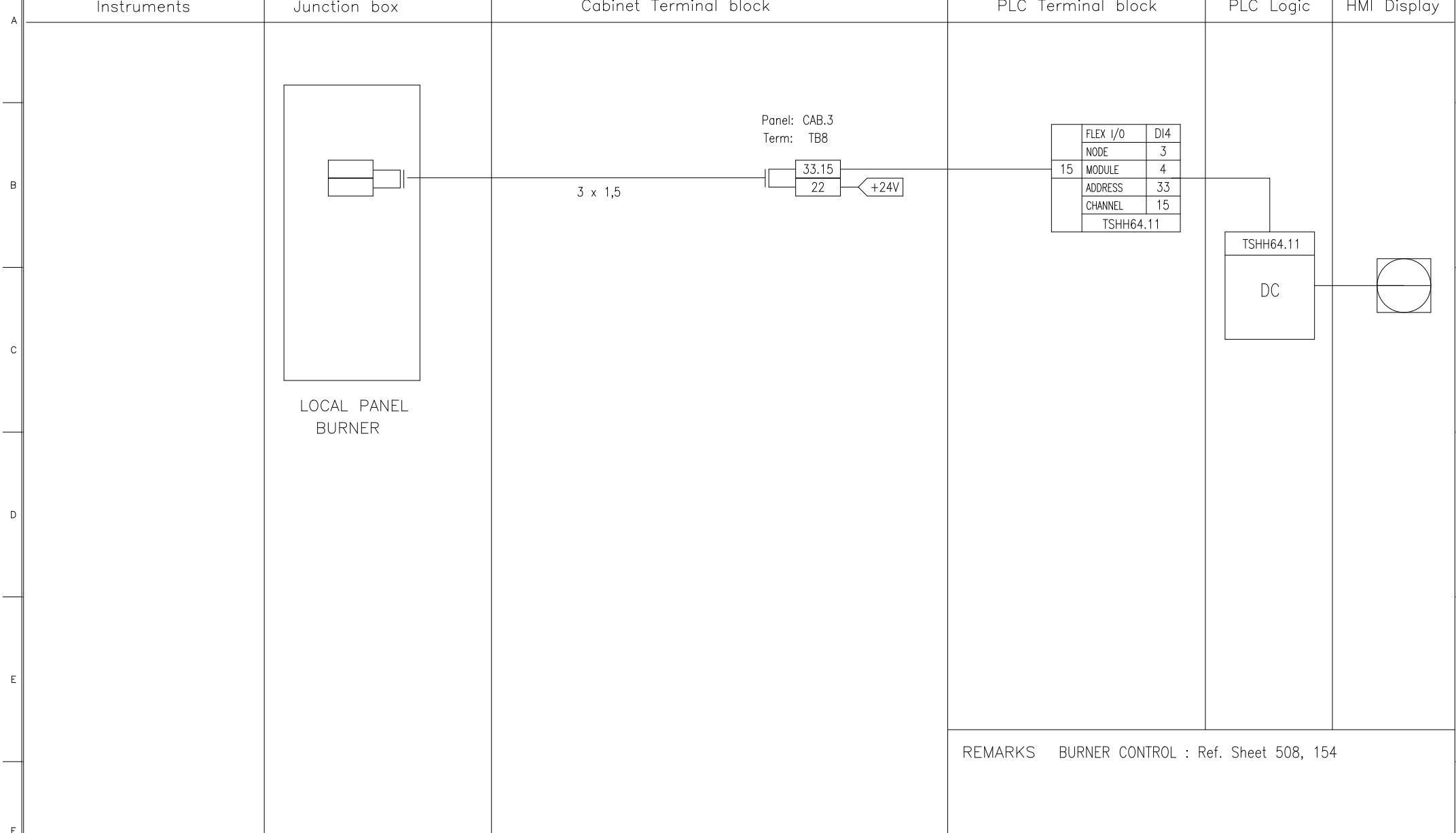
sheet 405
406 n.sh

1 2 3 4 5 6 7 8 9 10

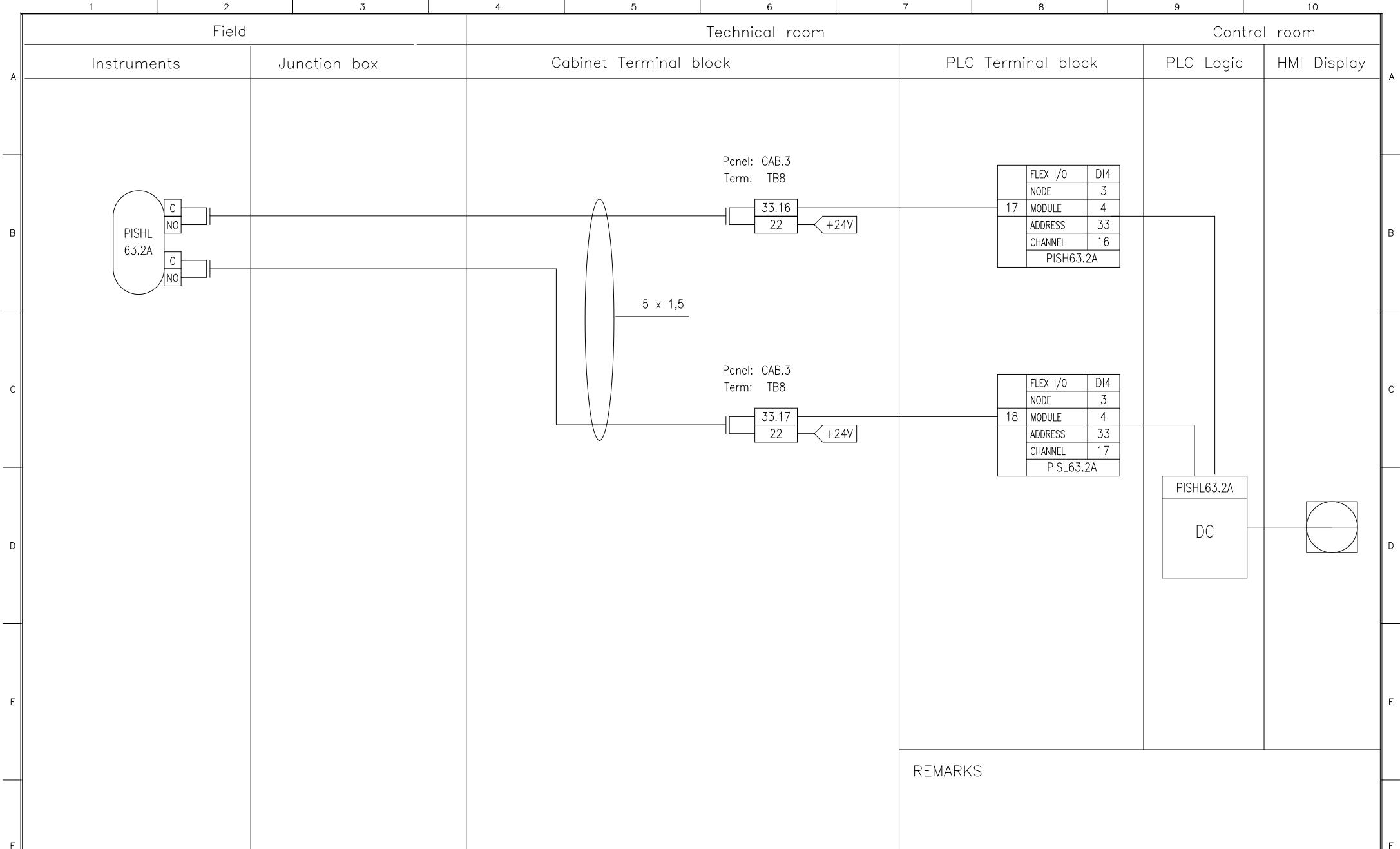
Field

Technical room

Control room



date	01/2011	=
desig.	GC	+
0	ISSUE FOR APPROVAL	01/2011
Rev.	Revision	Date
		Name
		stand. SPAC91
UNI A3		
Doc. 08039LD03	=	
Job: 1E35	+	
dwg. 1E35.85.1002		sheet 406
		407 n.sh
2it. DIN 6771/Teil 5 1	2	10 FILE:1E35851002-406



UNI A3					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT



PRESSURE SWITCH PISHL63.2A
drawing's title:

Doc. 080391 D03

Job: 1E35 dwg. 1E35.85.1002

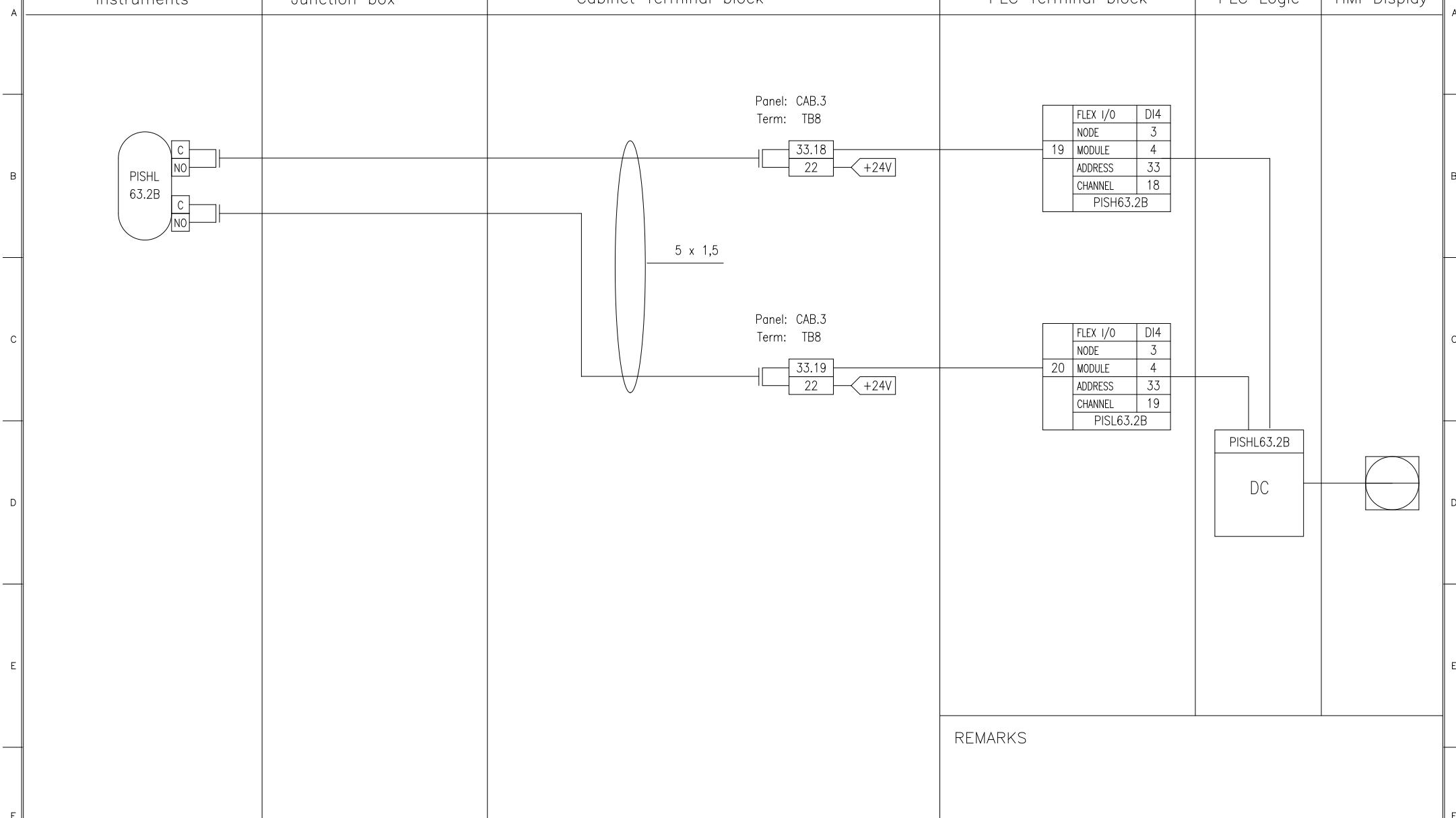
sheet 407
408 n.sh

1 2 3 4 5 6 7 8 9 10

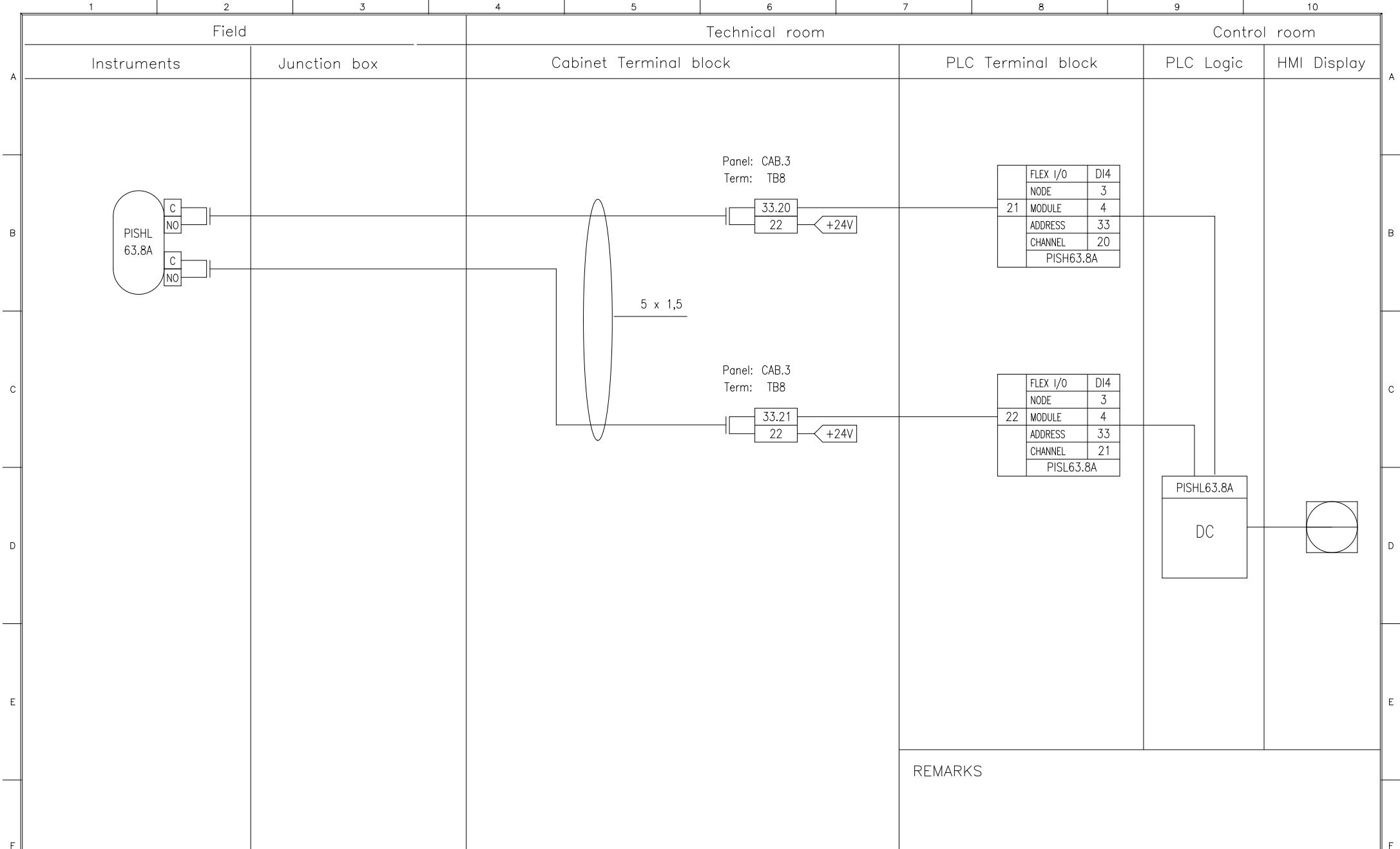
Field

Technical room

Control room



UNI A3				date 01/2011			Doc. 08039LD03	=
				desig. GL				+
0	ISSUE FOR APPROVAL	01/2011	GC	check CM			Job: 1E35	dwg. 1E35.85.1002
Rev.	Revision	Date	Name	stand. SPAC91				sheet 408 409 n.sh



UNI A5					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SARI7 PLANT



PRESSURE SWITCH PISHL63.8A
drawing's title:

Doc. 08039LD03

Job: 1E35 |+
dwg. 1E35.85.1002

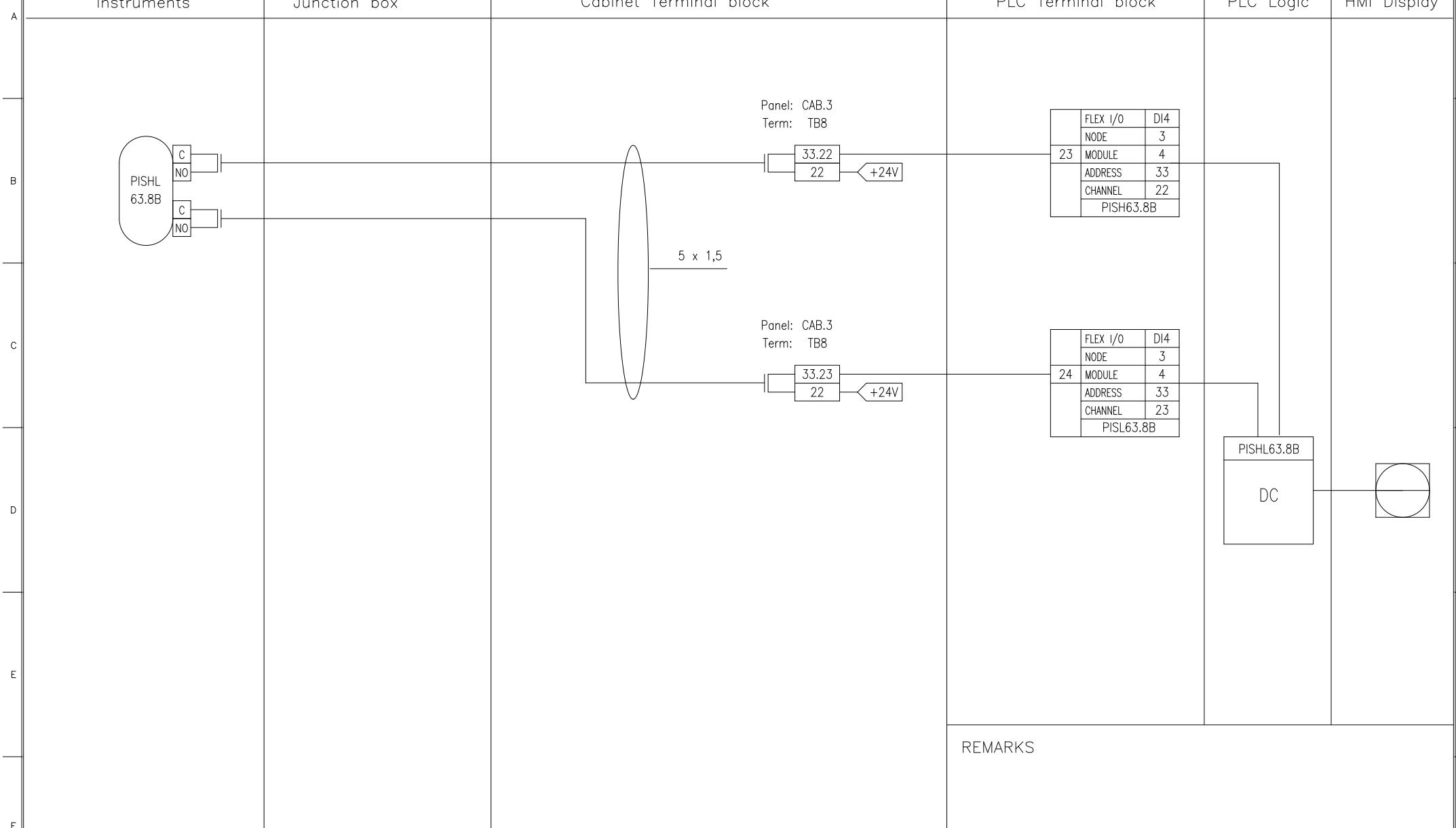
sheet 409
410 n.sh

1 2 3 4 5 6 7 8 9 10

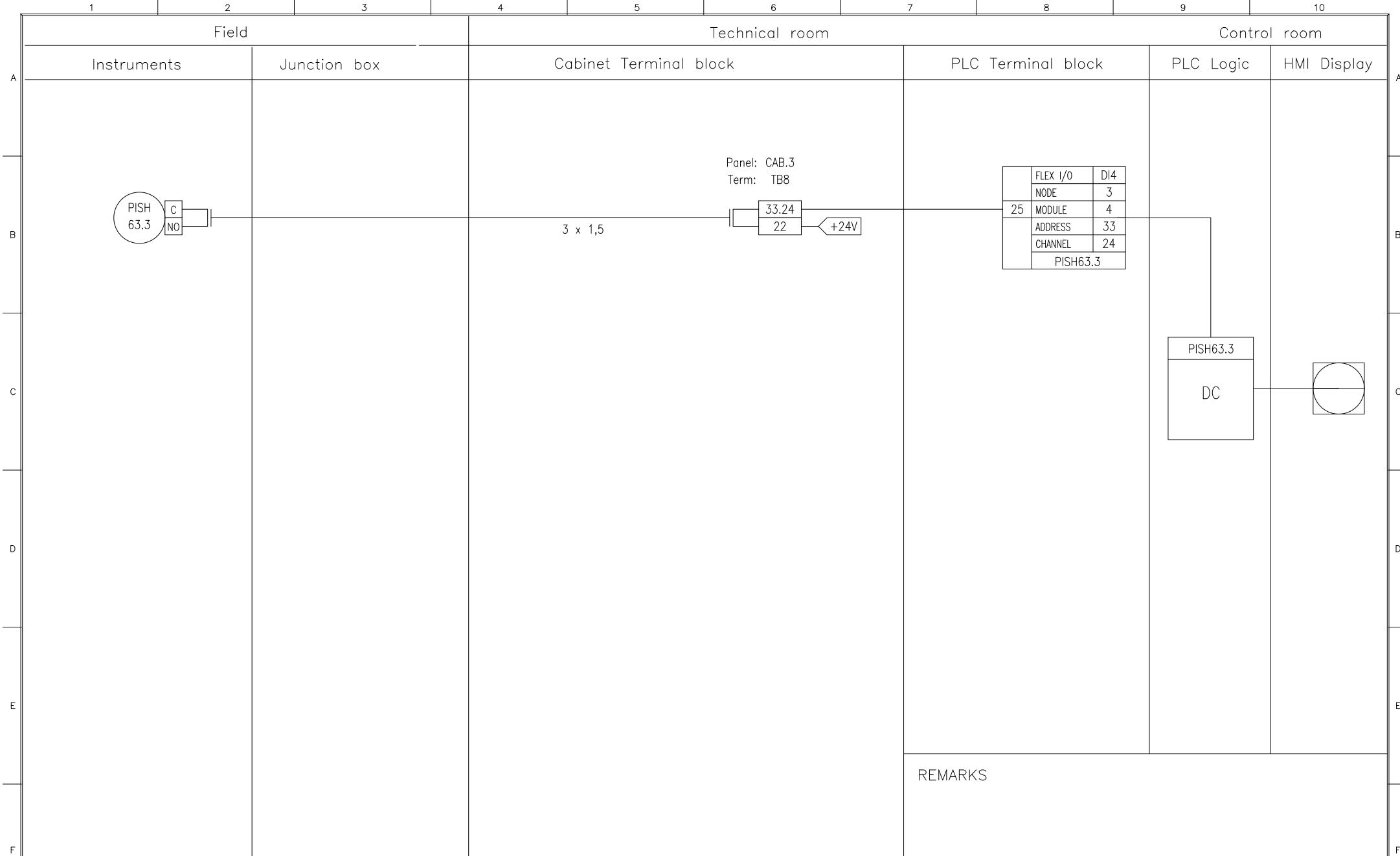
Field

Technical room

Control room



UNI A3				date 01/2011		SABIZ PLANT		PRESSURE SWITCH PISHL63.8B	Doc. 08039LD03	=
				desig. GL						+
0	ISSUE FOR APPROVAL	01/2011	GC	check CM						
Rev.	Revision	Date	Name	stand. SPAC91					Job: 1E35	dwg. 1E35.85.1002



UNI A3				date	01/2011
0	ISSUE FOR APPROVAL	01/2011	GC	desig.	GC
Rev.	Revision	Date	Name	check	CM

SABIZ PLANT



PRESSURE SWITCH PISH63.3

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

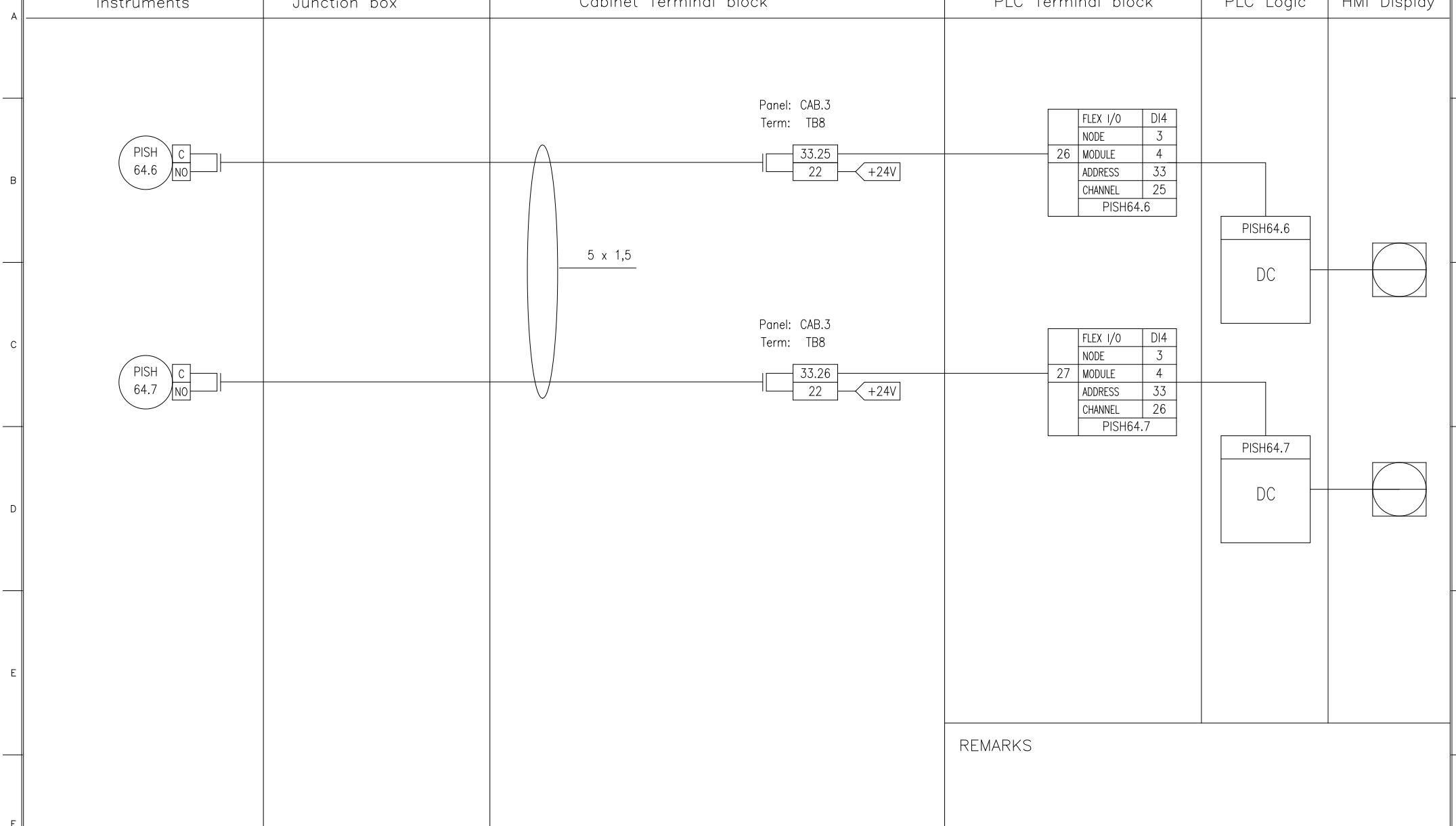
sheet 411
412 n.sh

1 2 3 4 5 6 7 8 9 10

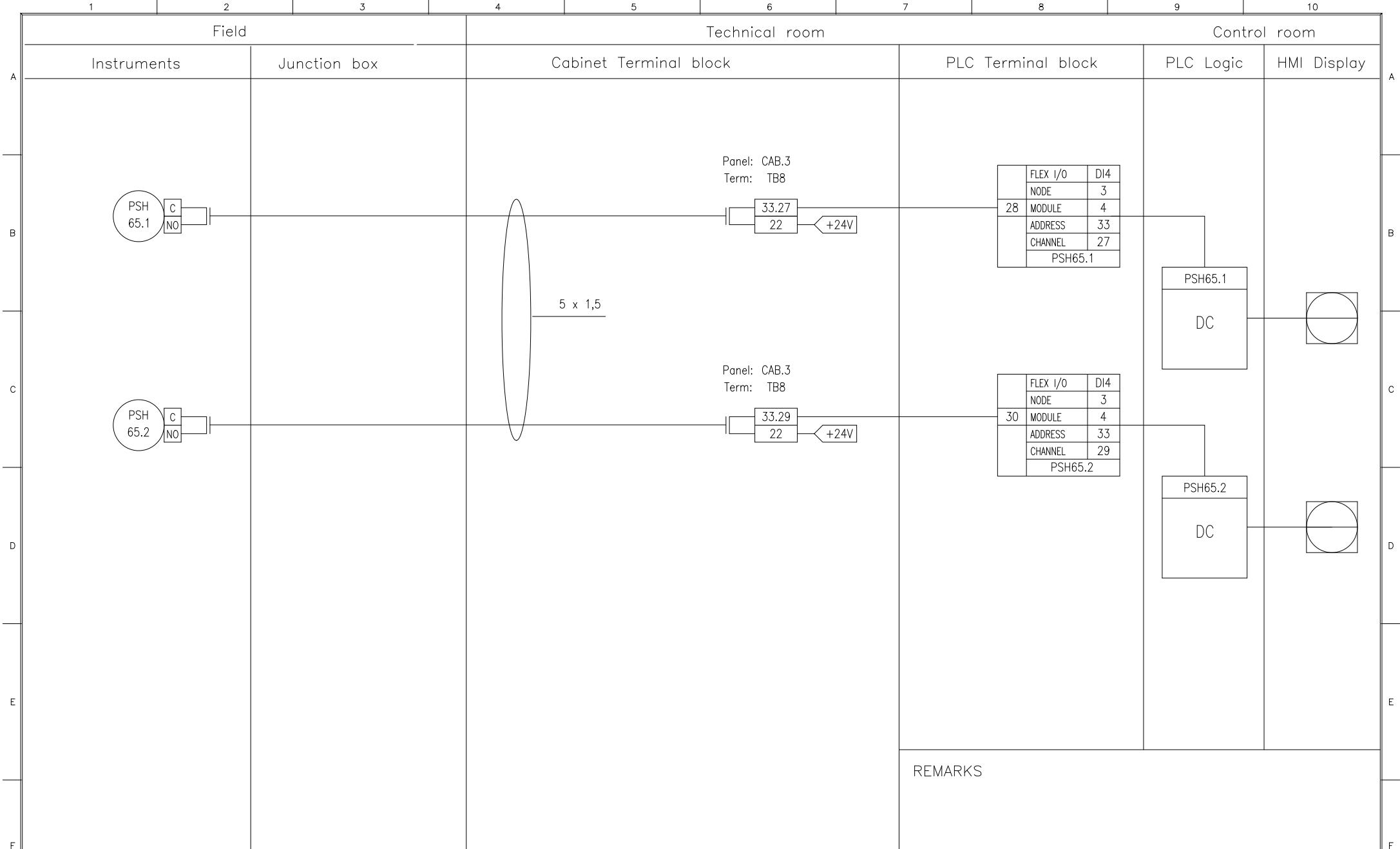
Field

Technical room

Control room



UNI A3				date 01/2011			Doc. 08039LD03	=
				desig. GL				+
0	ISSUE FOR APPROVAL	01/2011	GC	check CM			Job: 1E35	sheet 412
Rev.	Revision	Date	Name	stand. SPAC91			dwg. 1E35.85.1002	413 n.sh



UNI A3					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SARI7 PLANT

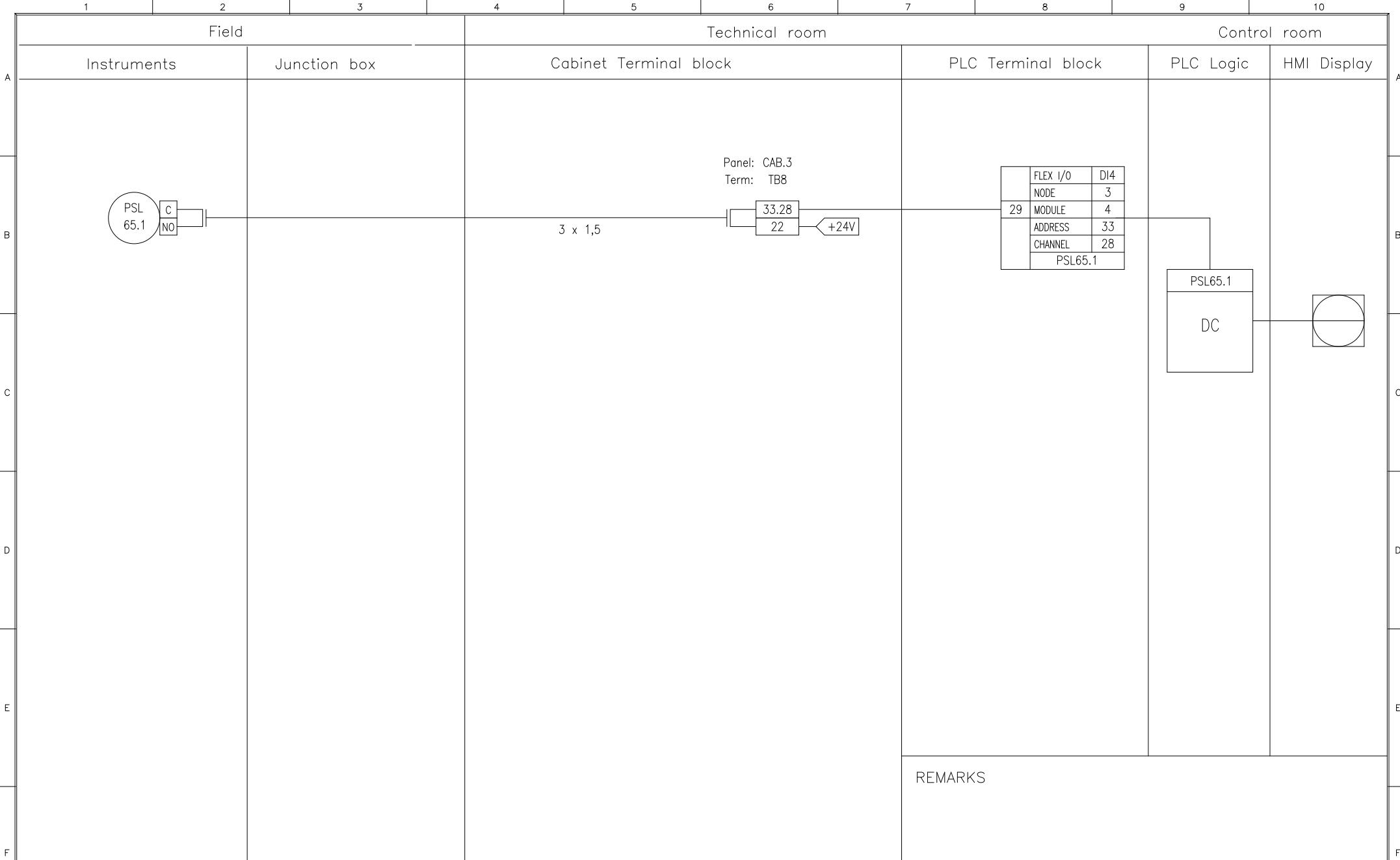


PRESSURE SWITCH PSH65.1, 2 drawing's title:

Doc 080391 D03

Job: 1E35 dwg. 1E35.85.1002

sheet 413
414 n.sh



UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

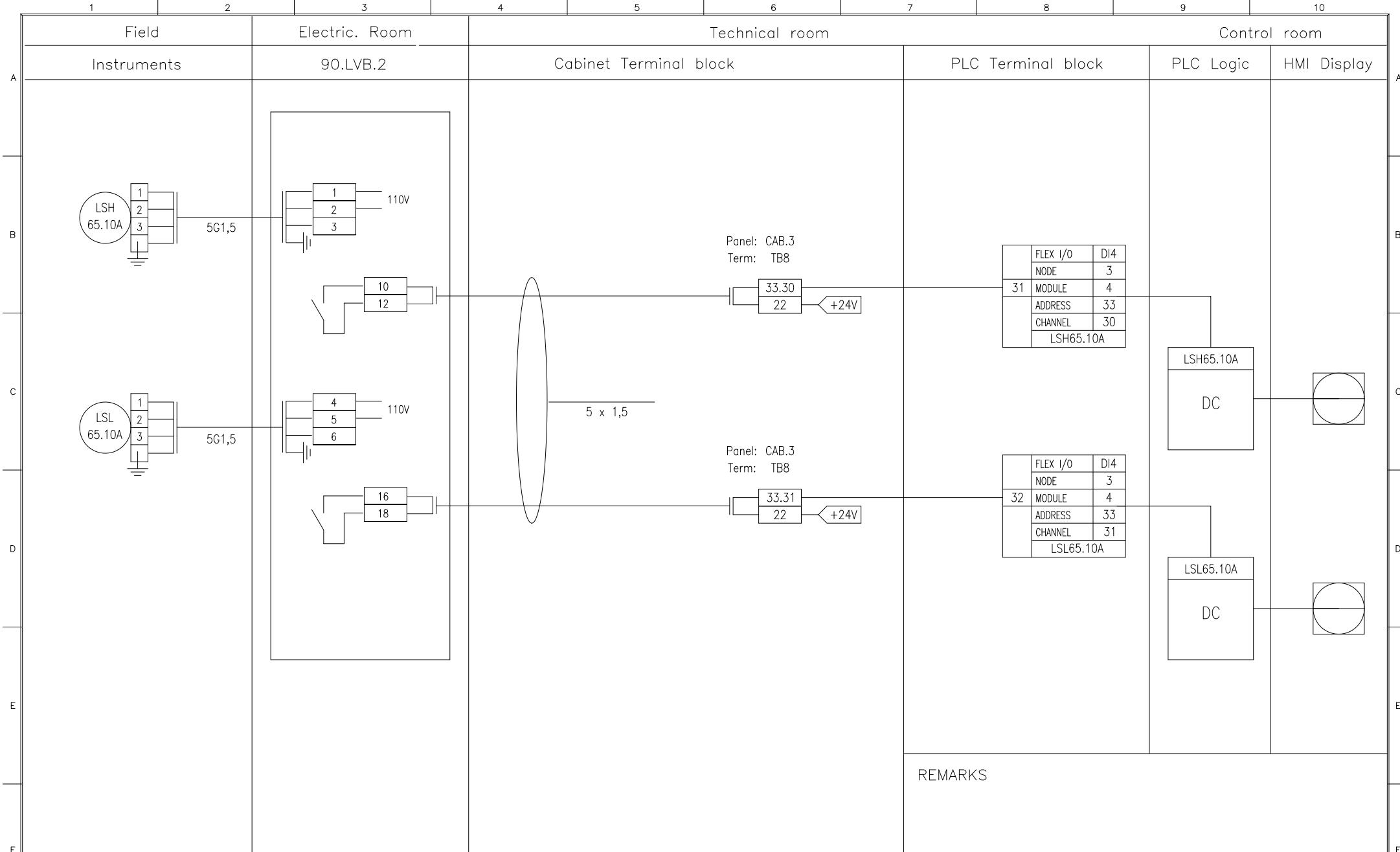


PRESSURE SWITCH PSL65.1
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 414
415 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SARIZ PLANT

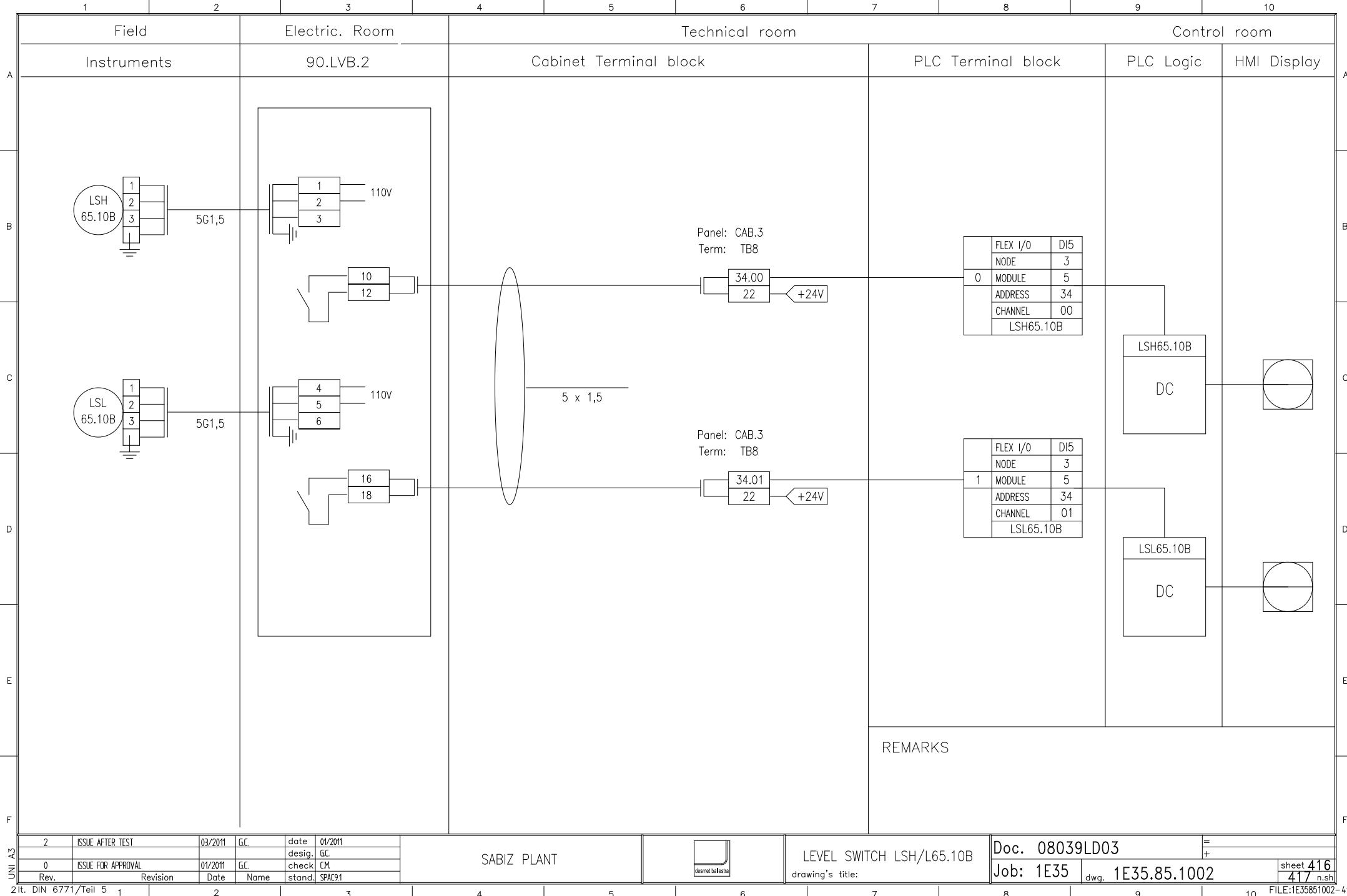


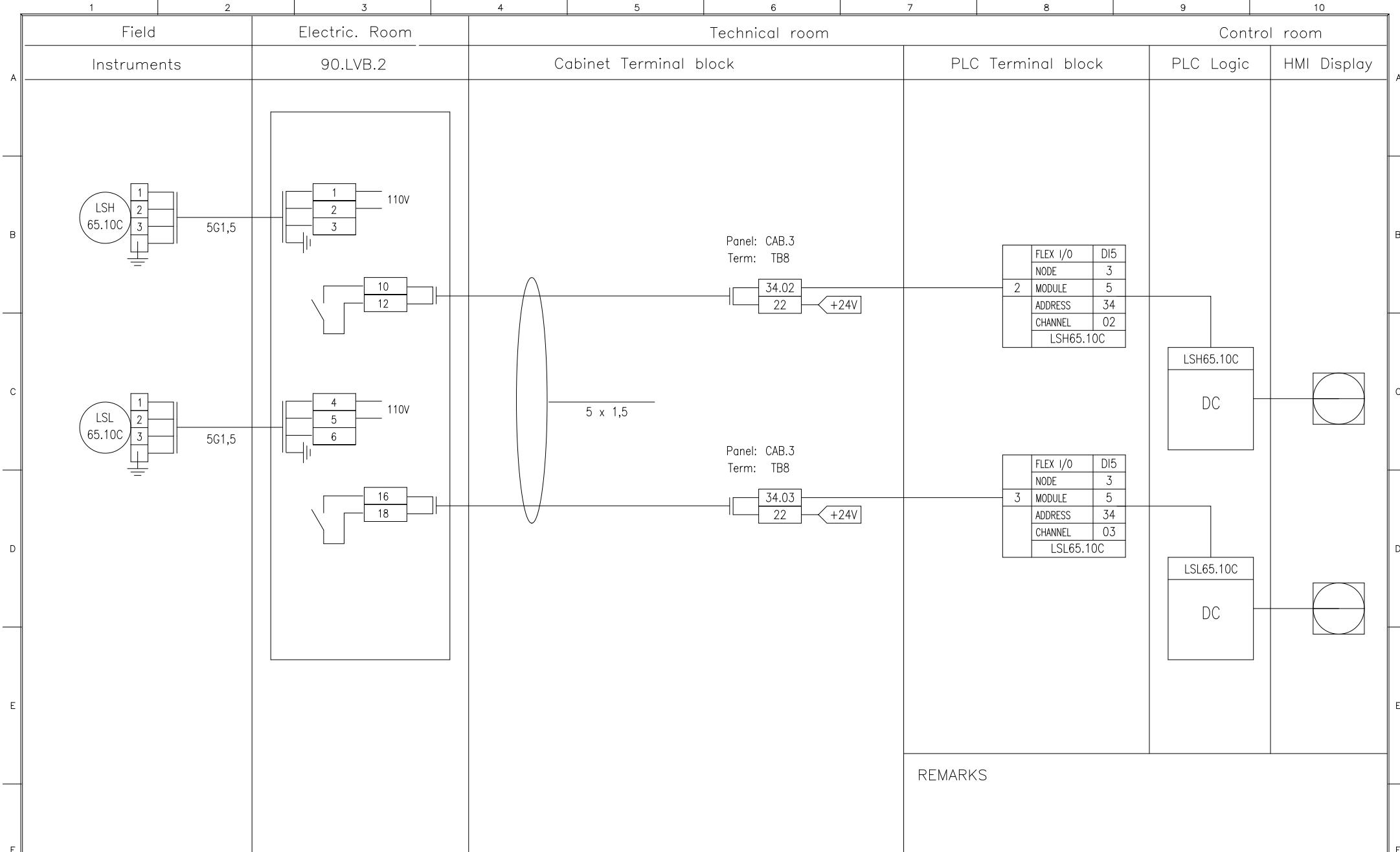
LEVEL SWITCH LSH/L65.10A

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 415
416 n.sh





UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SARIZ PLANT

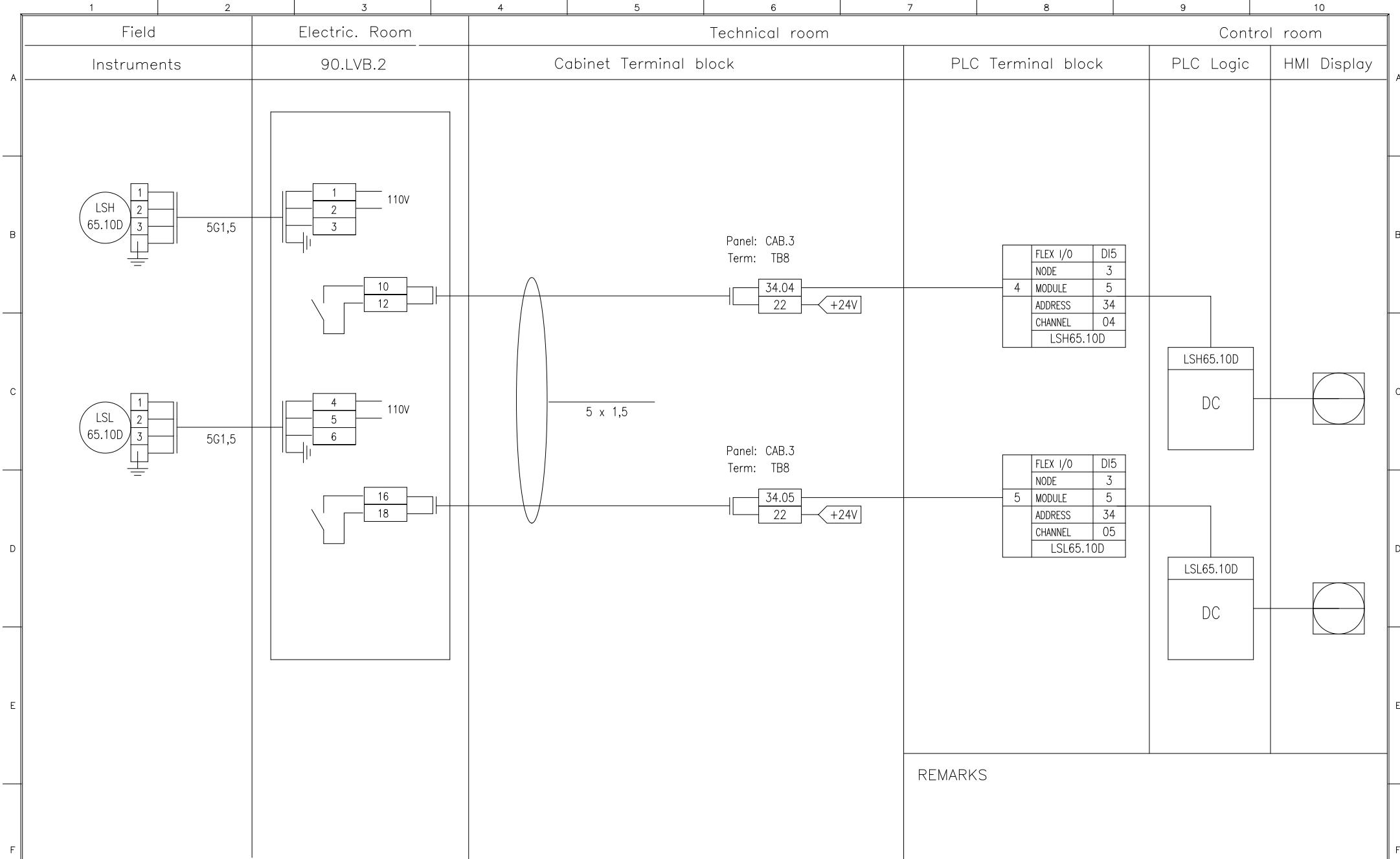


LEVEL SWITCH LSH/L65.100

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 417
418 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC.	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC.	desig.	GC
	Rev.	Revision	Date	Name	check	CM

SABIZ PLANT

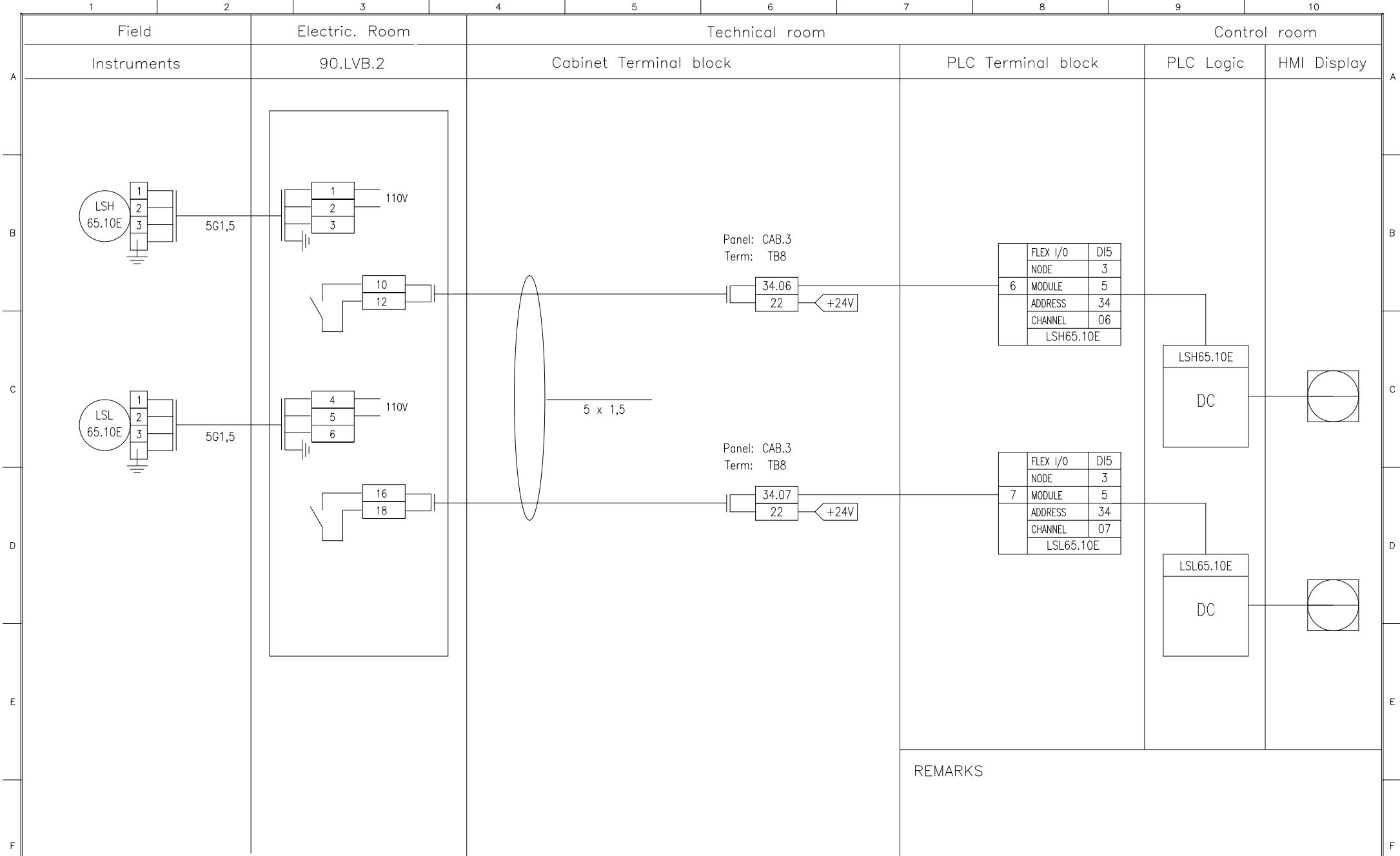


LEVEL SWITCH LSH/L65.10D
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 418
419 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

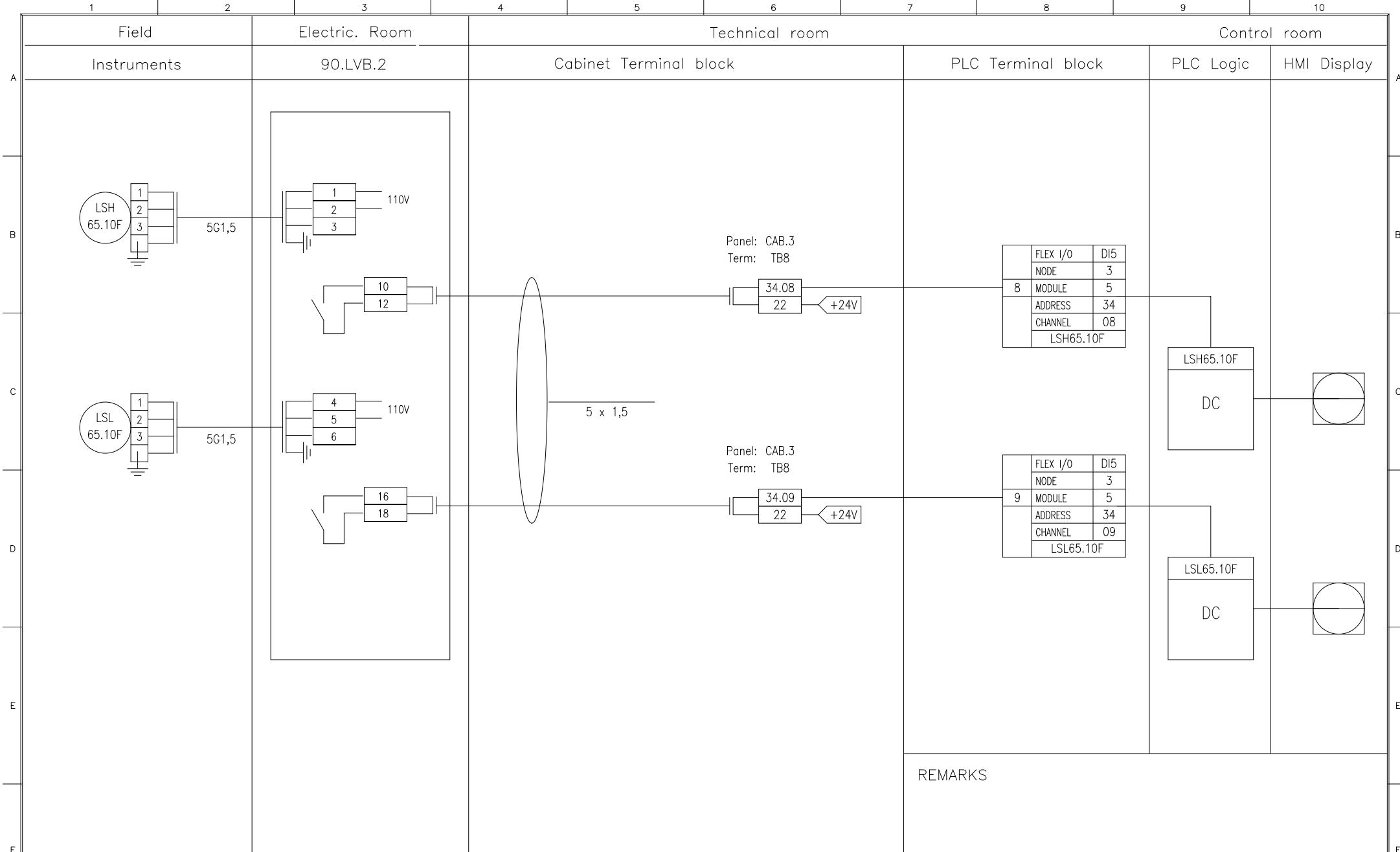


LEVEL SWITCH LSH/L65.10E

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 419
420 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC.	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC.	desig.	GC
	Rev.	Revision	Date	Name	check	CM

SABIZ PLANT

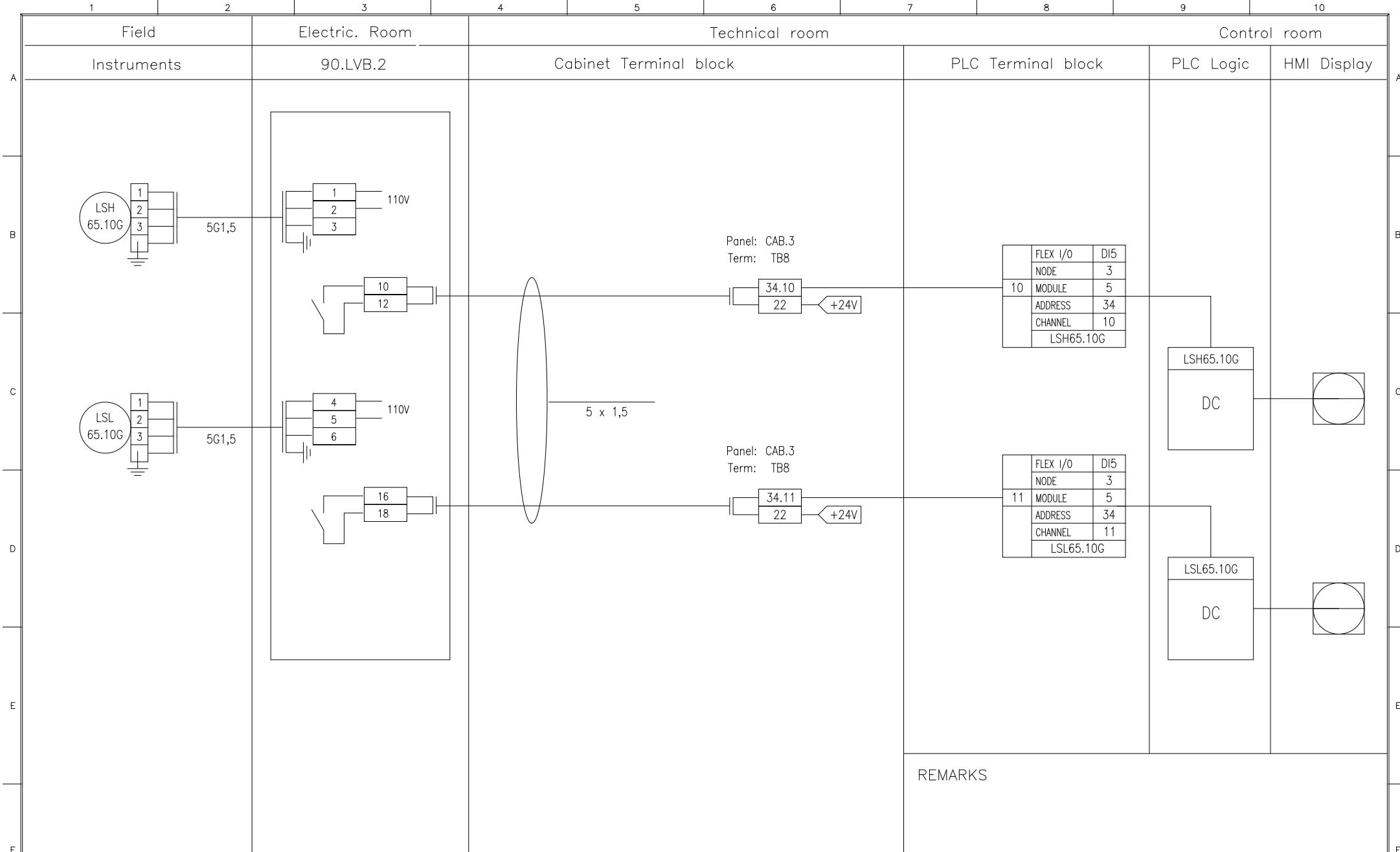


LEVEL SWITCH LSH/L65.10F

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 420
421 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SARIZ PLANT

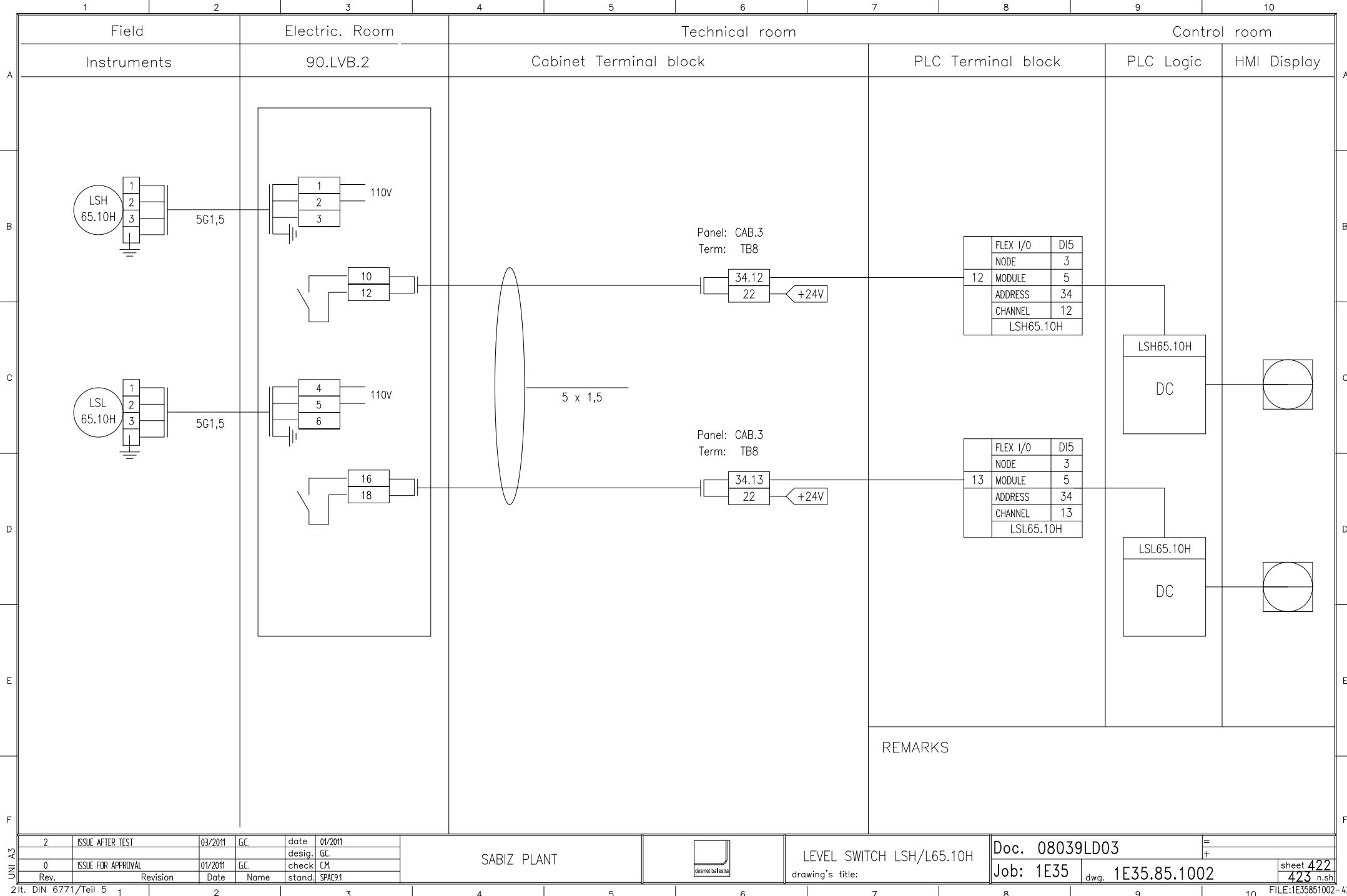


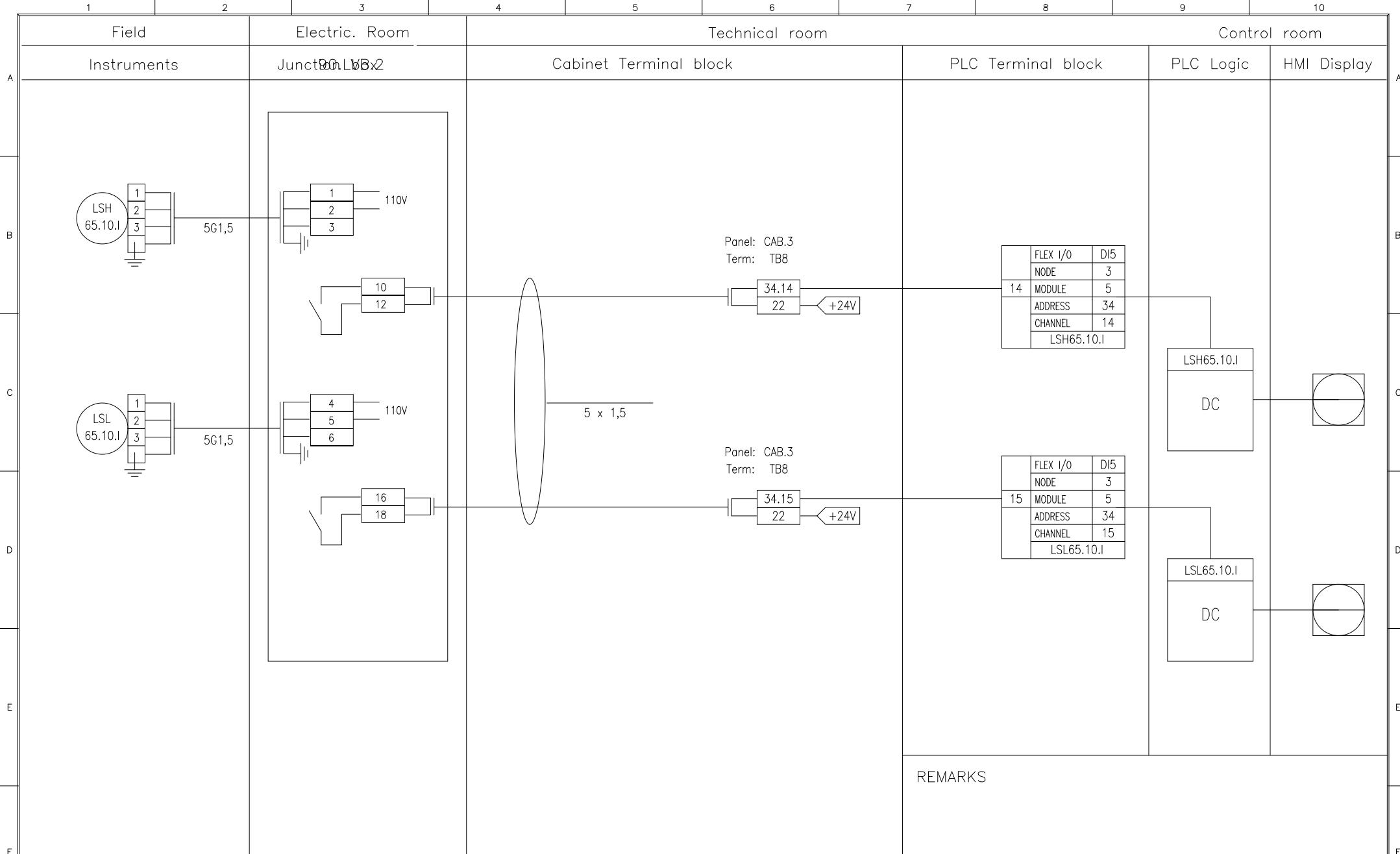
LEVEL SWITCH LSH/L65.10G

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 421
422 n.sh





2	ISSUE AFTER TEST	03/2011	GC	date	01/2011		
				desig.	GL		
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM		

Rev. Revision Date Name stand. SPAC91

SABIZ PLANT

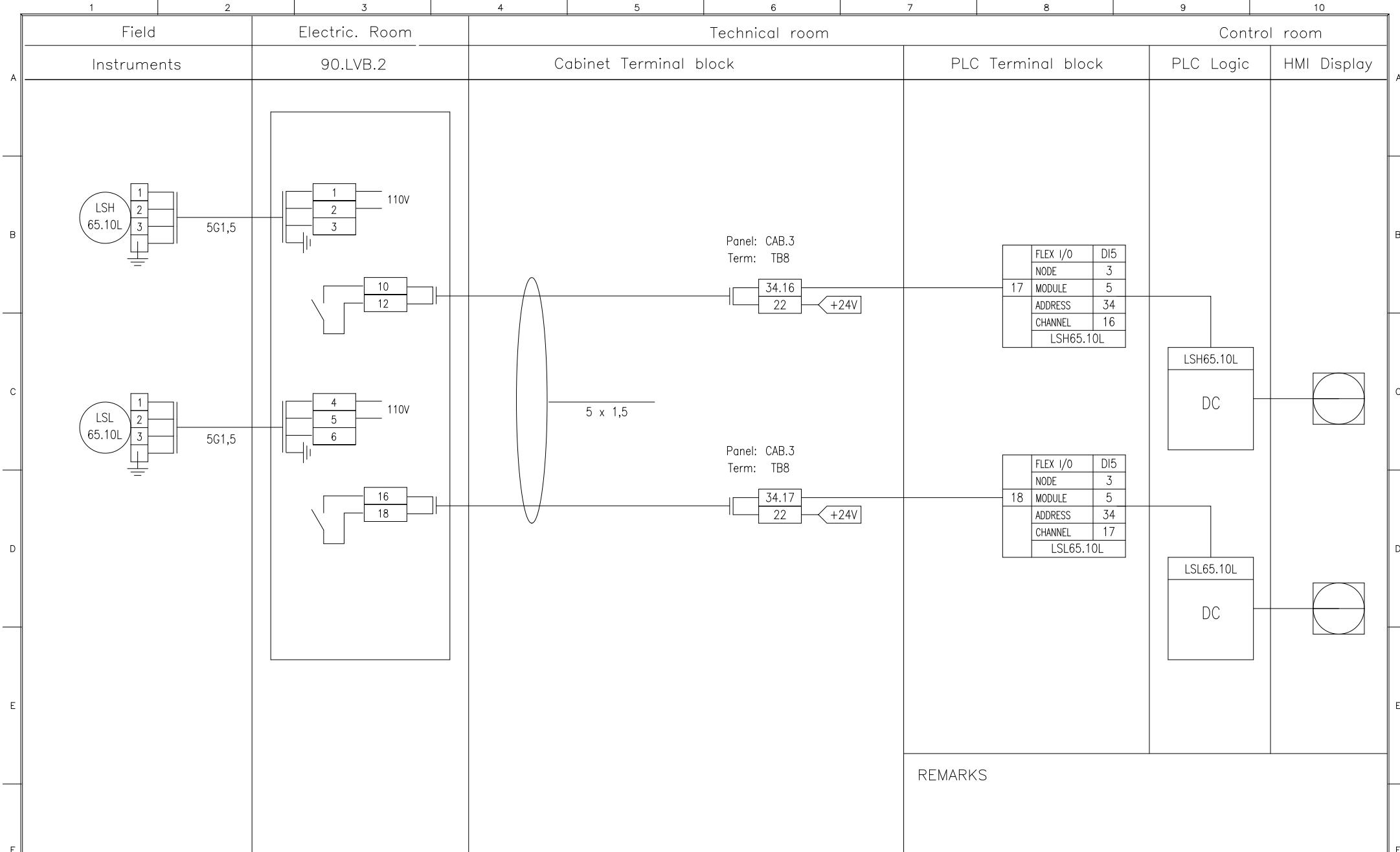


LEVEL SWITCH LSH/L65.10.I
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 423
424 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC.	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC.	desig.	GC
	Rev.	Revision	Date	Name	check	CM

SARIZ PLANT

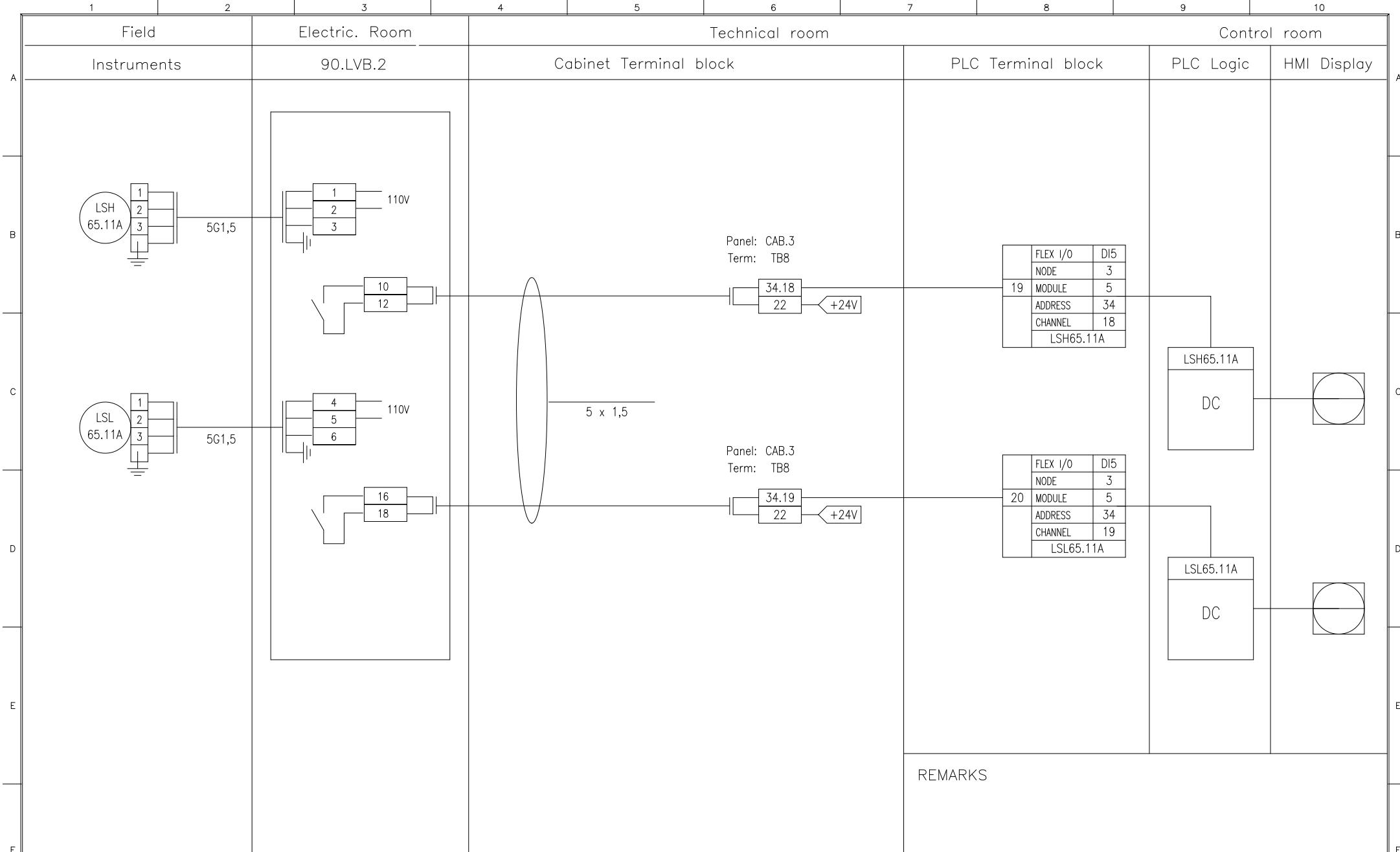


LEVEL SWITCH LSH/L65.10L

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 424
425 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC.	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC.	desig.	GC
	Rev.	Revision	Date	Name	check	CM

SARIZ PLANT

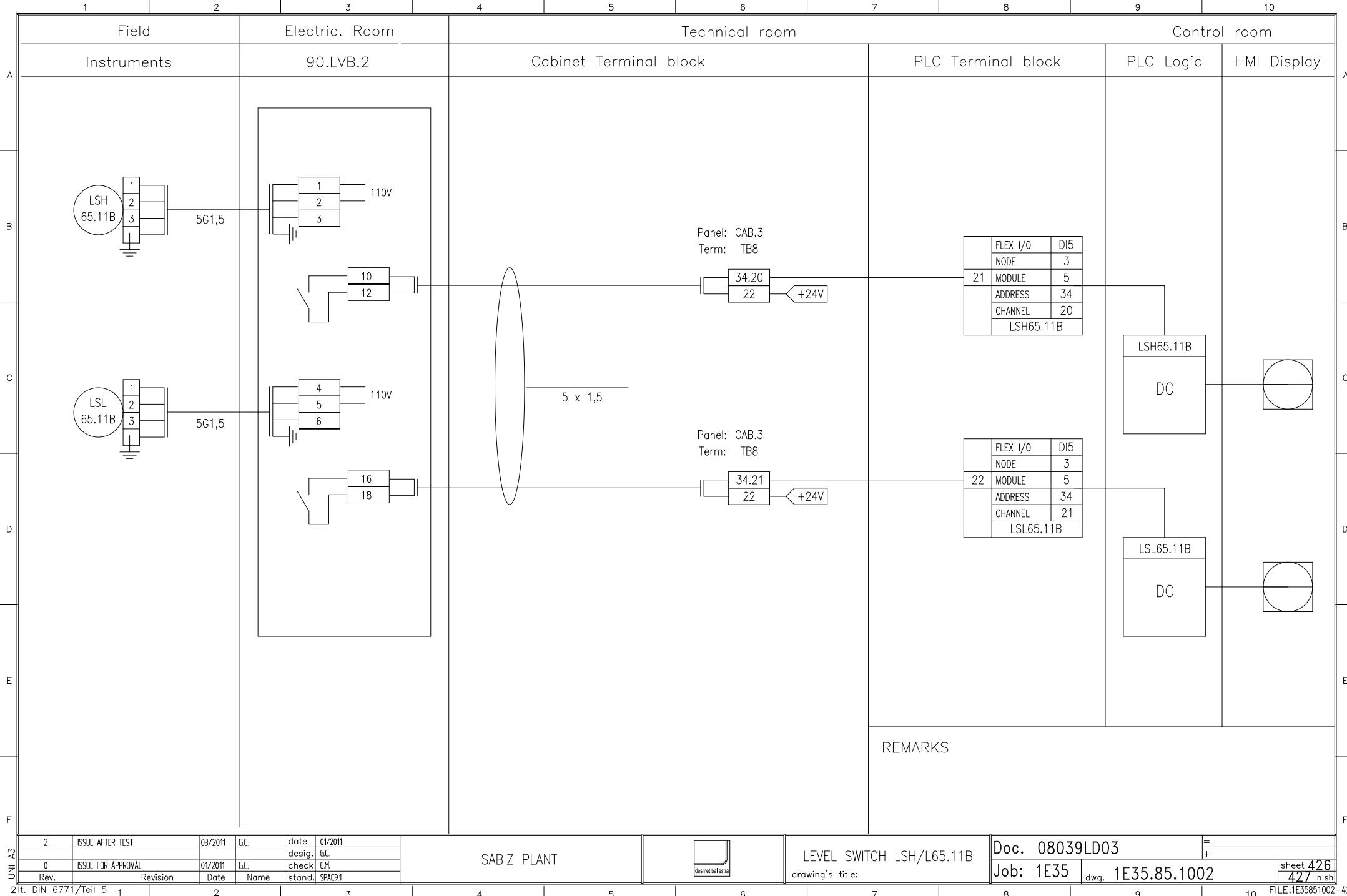


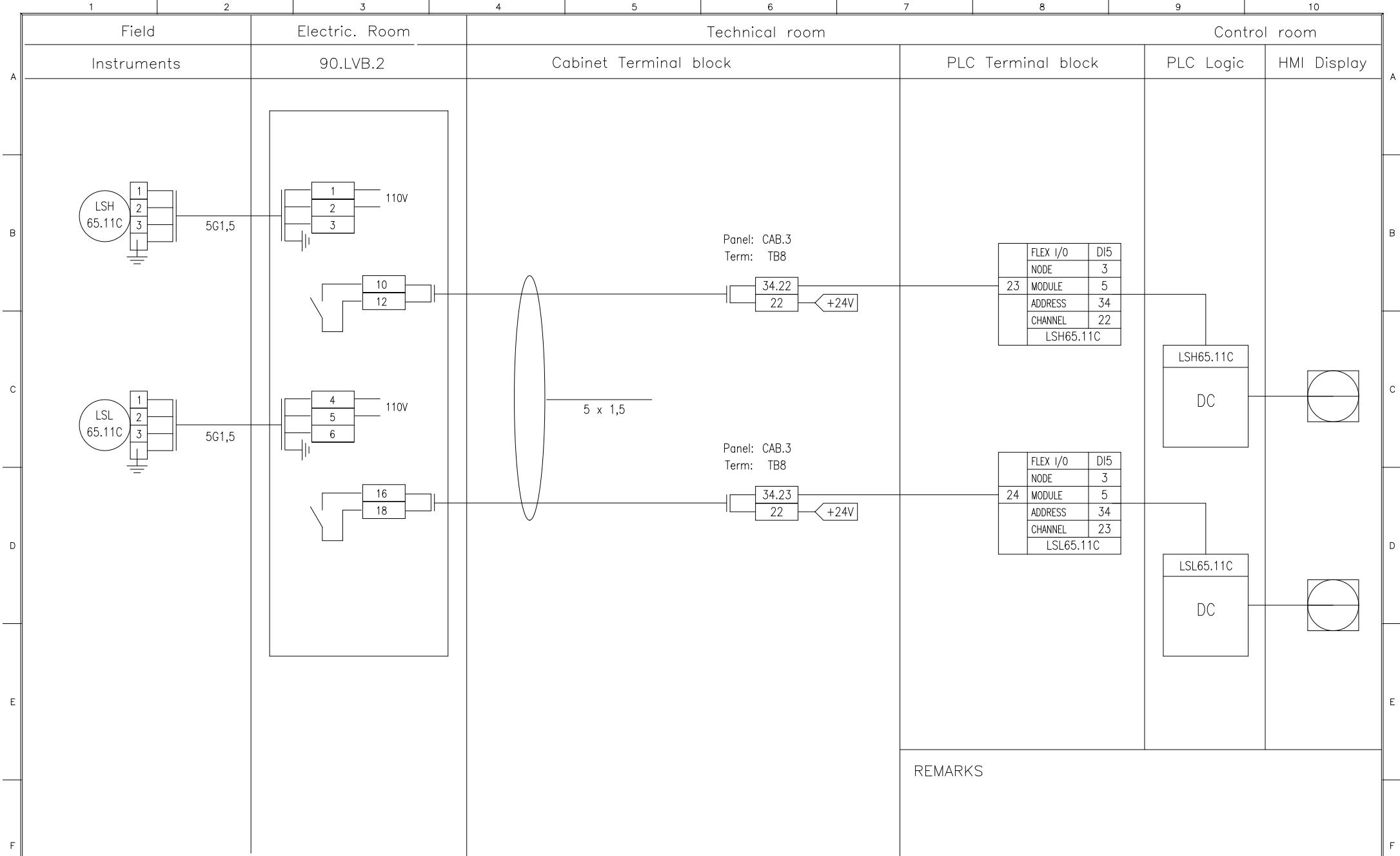
LEVEL SWITCH LSH/L65.11A

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 425
426 n.sh





UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

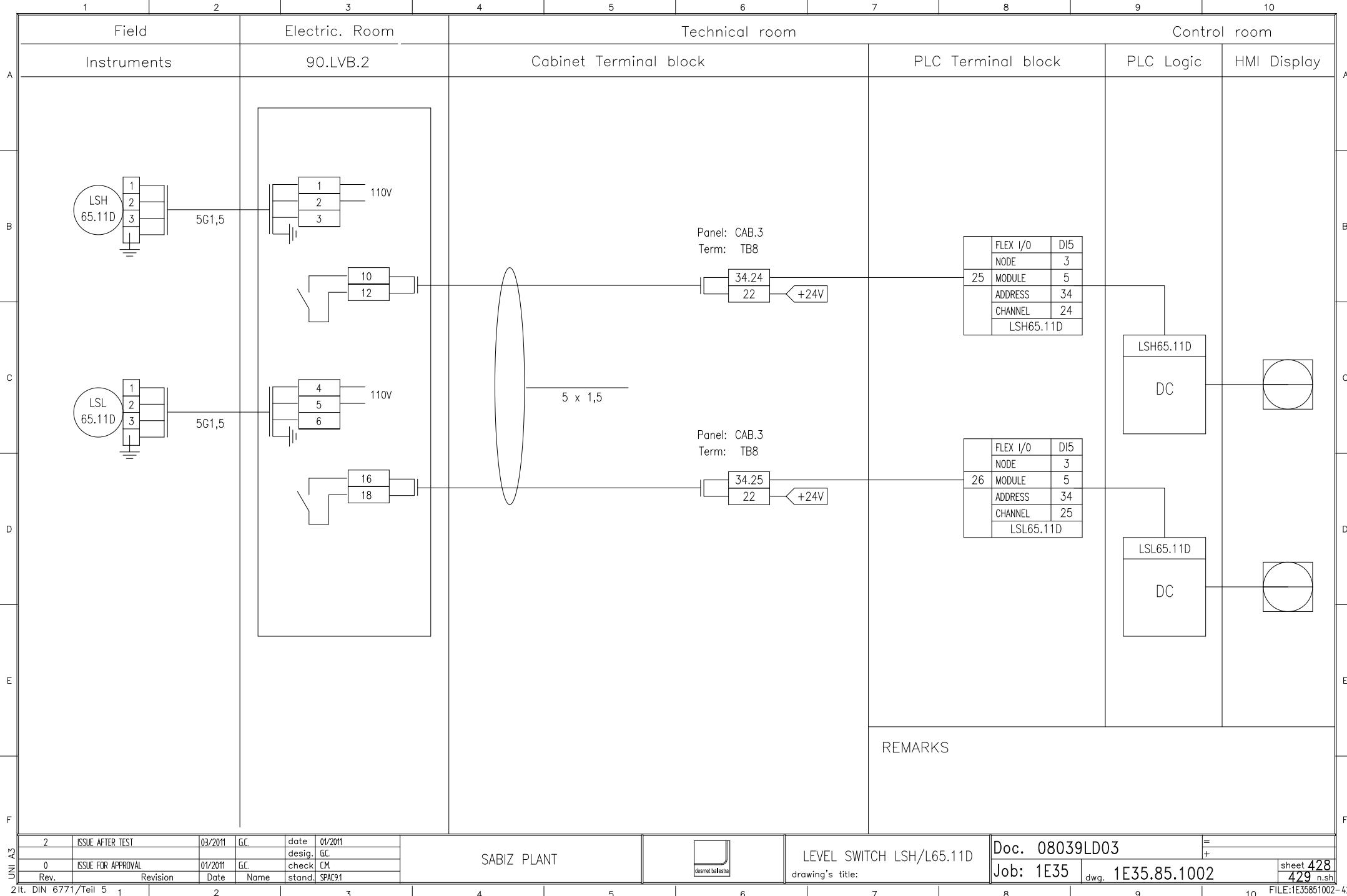


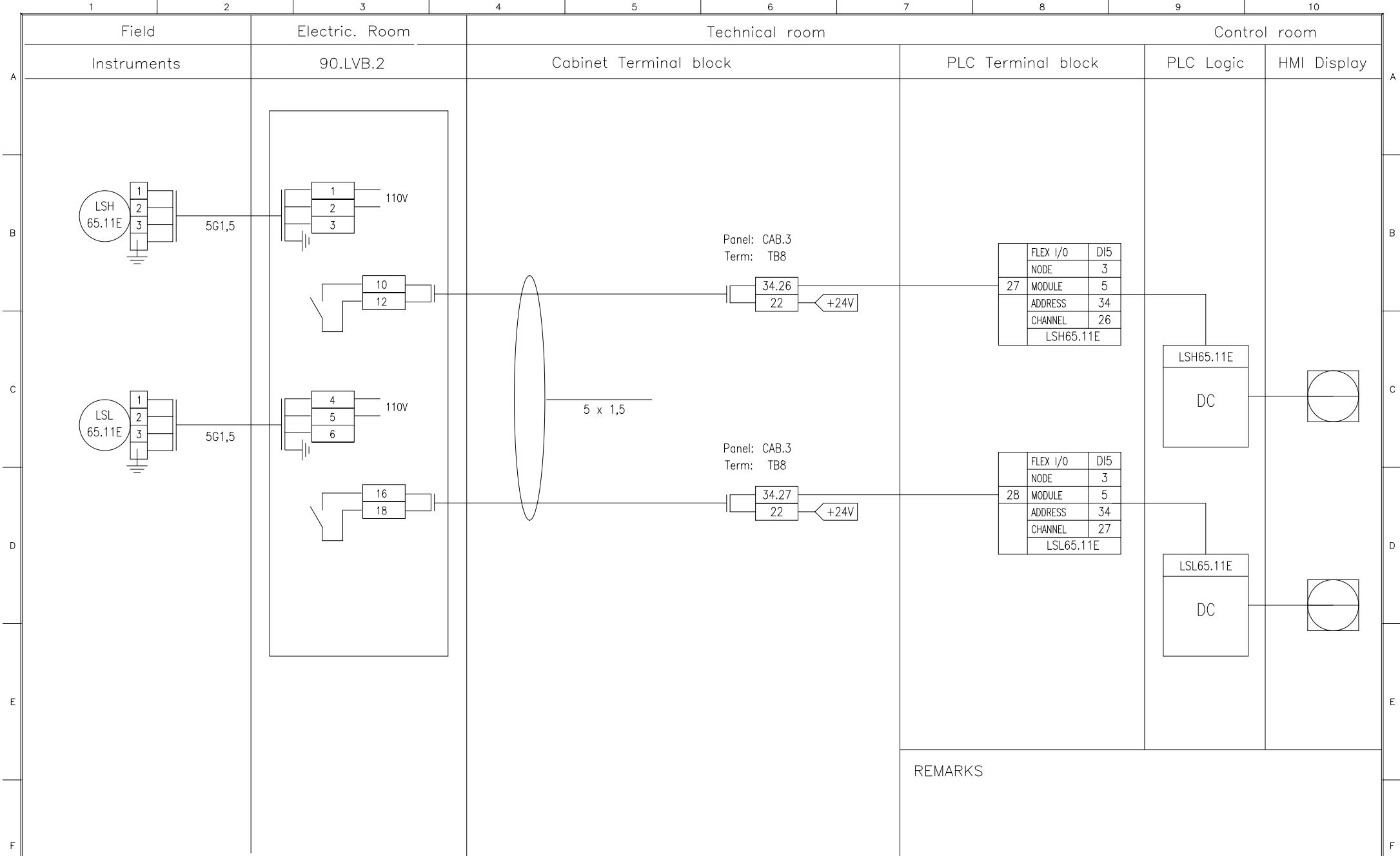
LEVEL SWITCH LSH/L65.11C

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 427
428 n.sh





UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

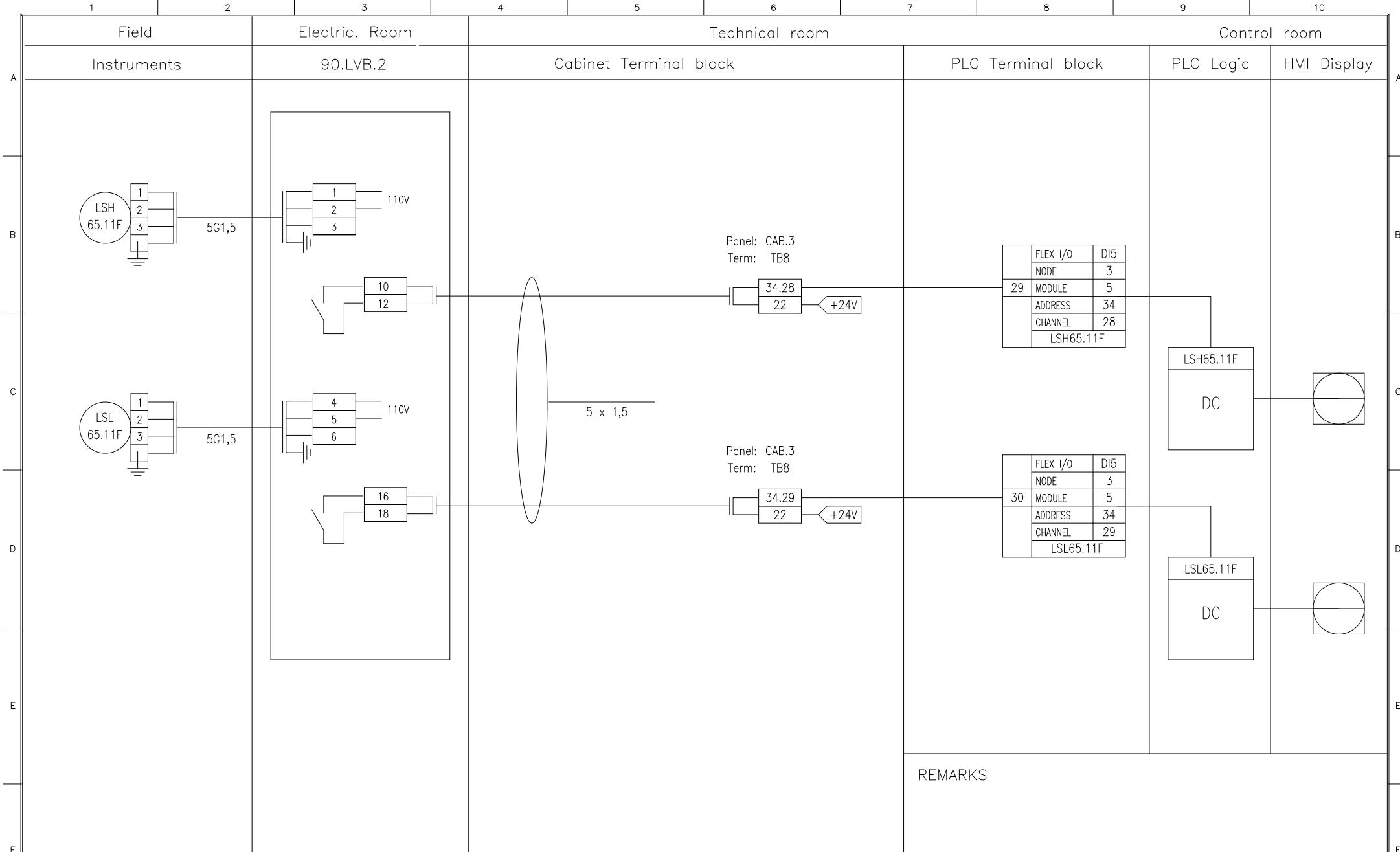


LEVEL SWITCH LSH/L65.11E

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 429
4.30 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SARIZ PLANT

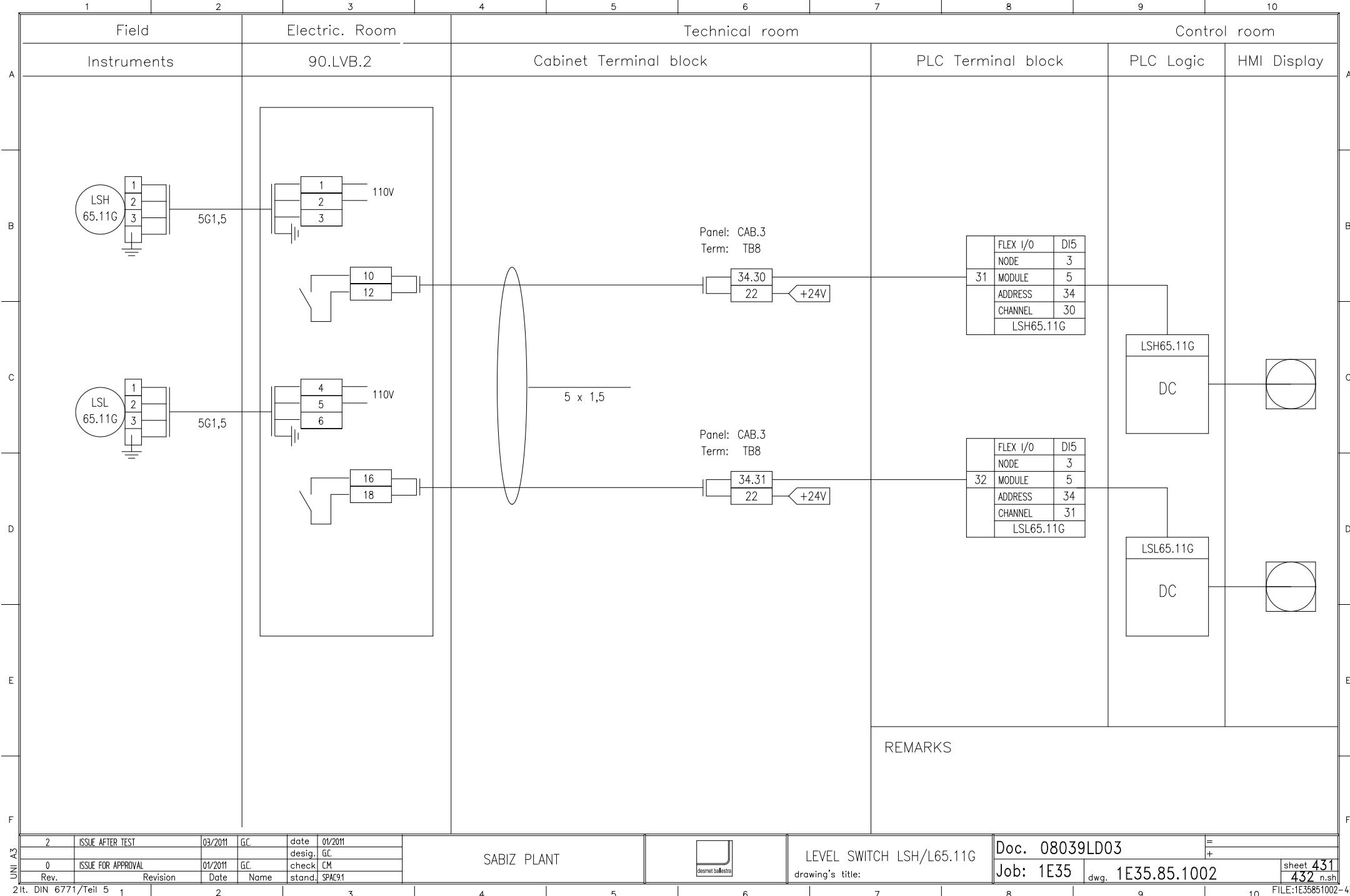


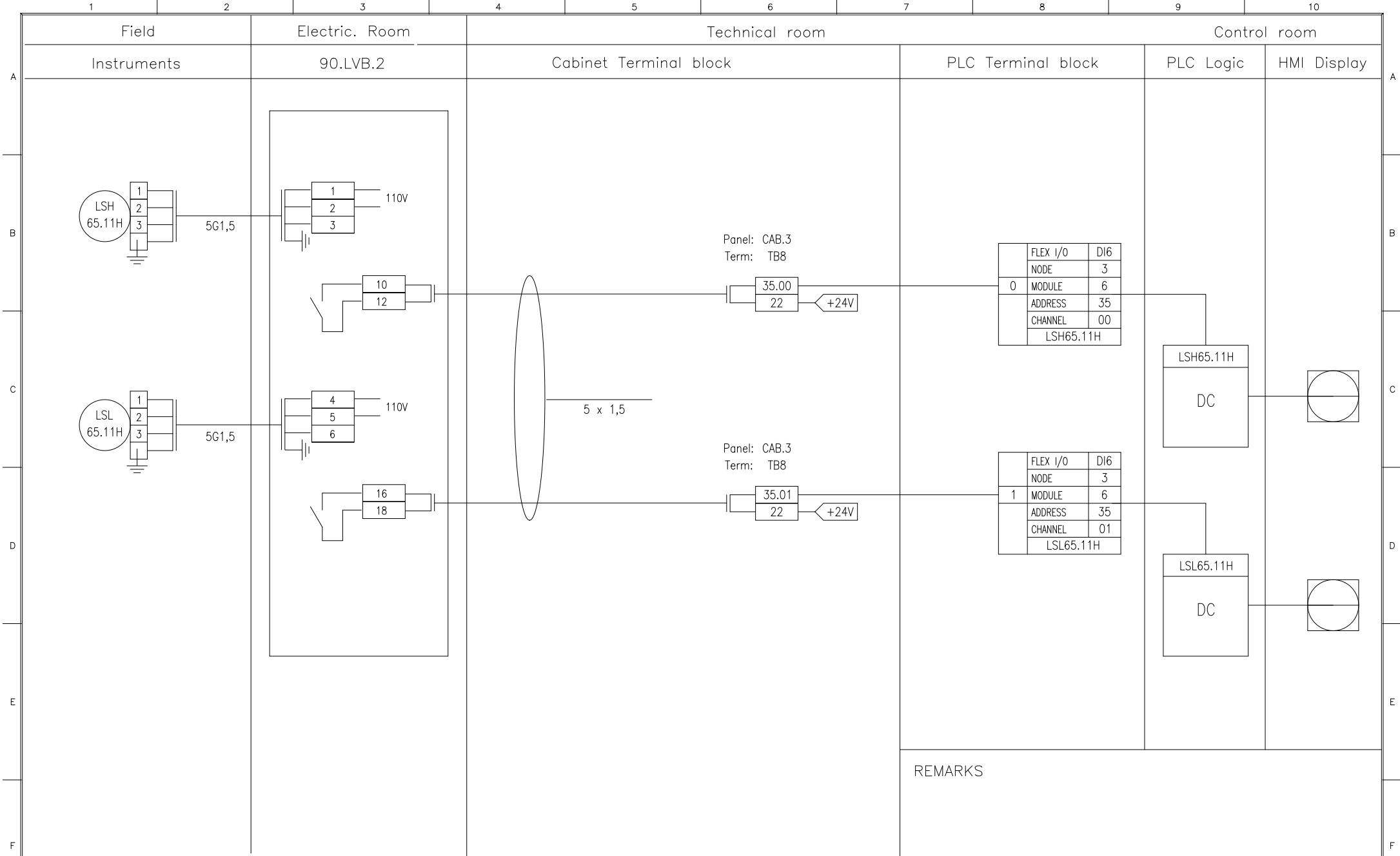
LEVEL SWITCH LSH/L65.11F
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg 1E35.85.1002

sheet 430
431 n.sh





UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

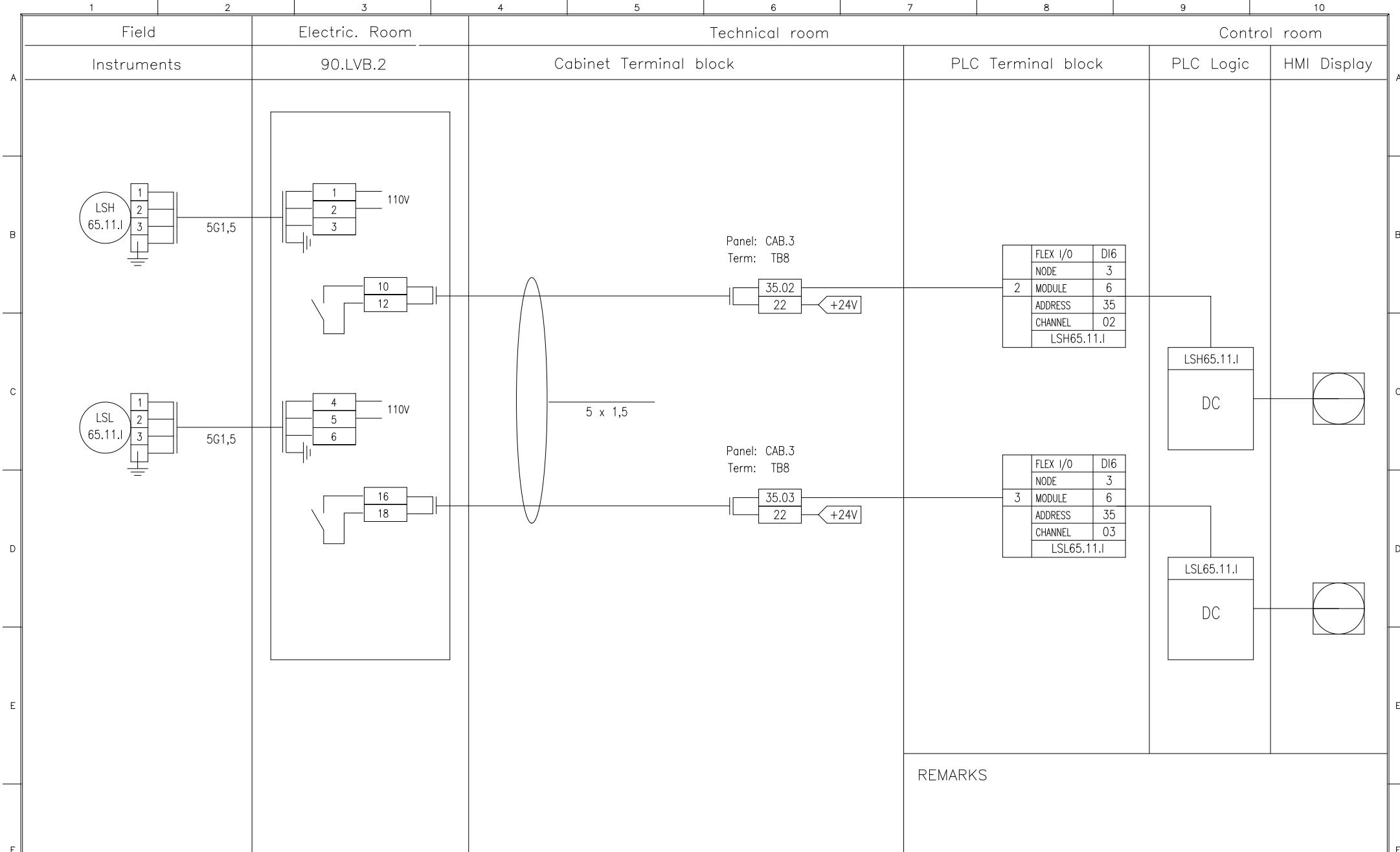


LEVEL SWITCH LSH/L65.11H

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 432
433 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SARIZ PLANT

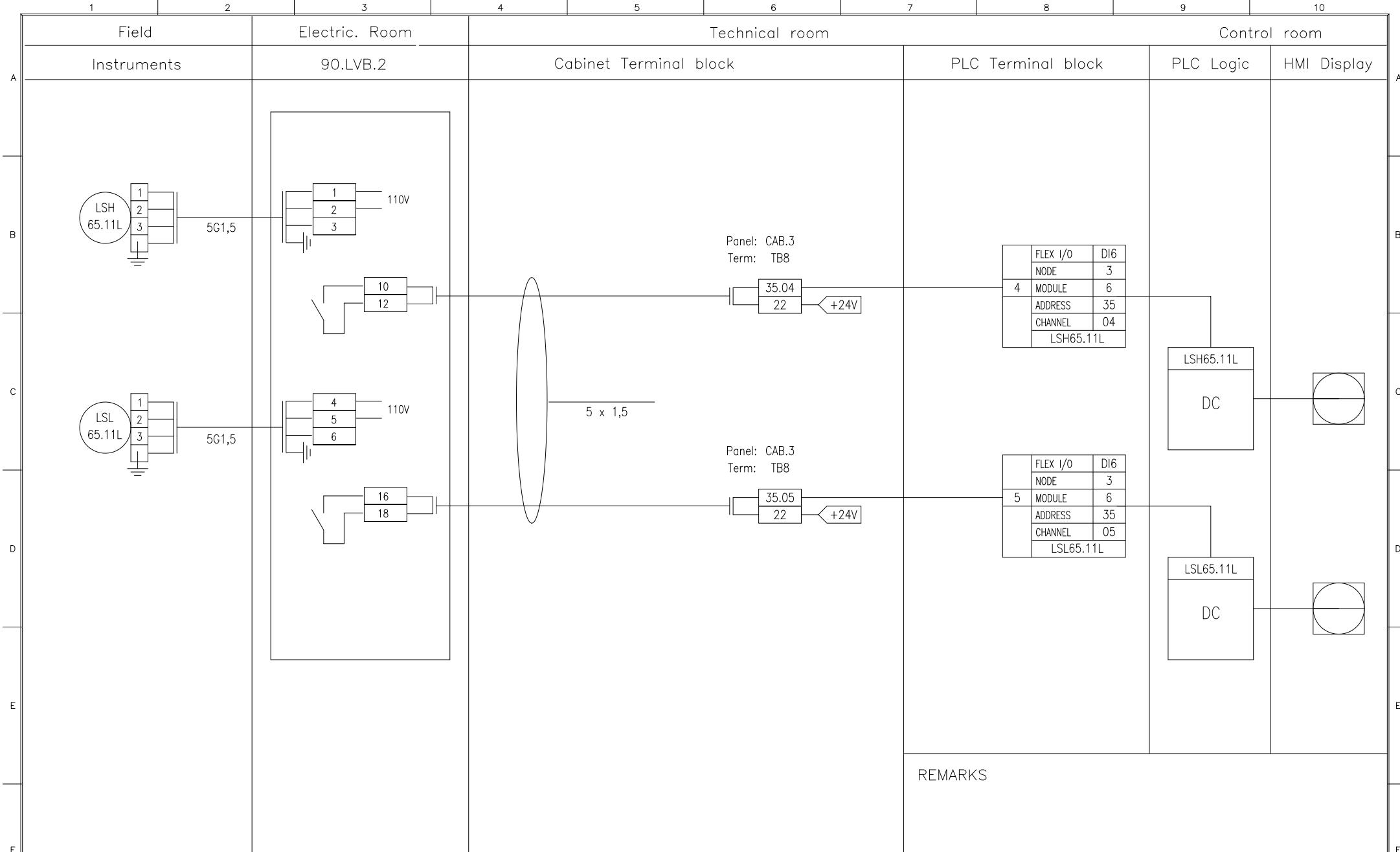


LEVEL SWITCH LSH/L65.11.I
drawing's title:

Doc. 080391 D03

Job: 1E35 dwg. 1E35.85.1002

sheet 433
434 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC.	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC.	desig.	GC
	Rev.	Revision	Date	Name	check	CM

SABIZ PLANT

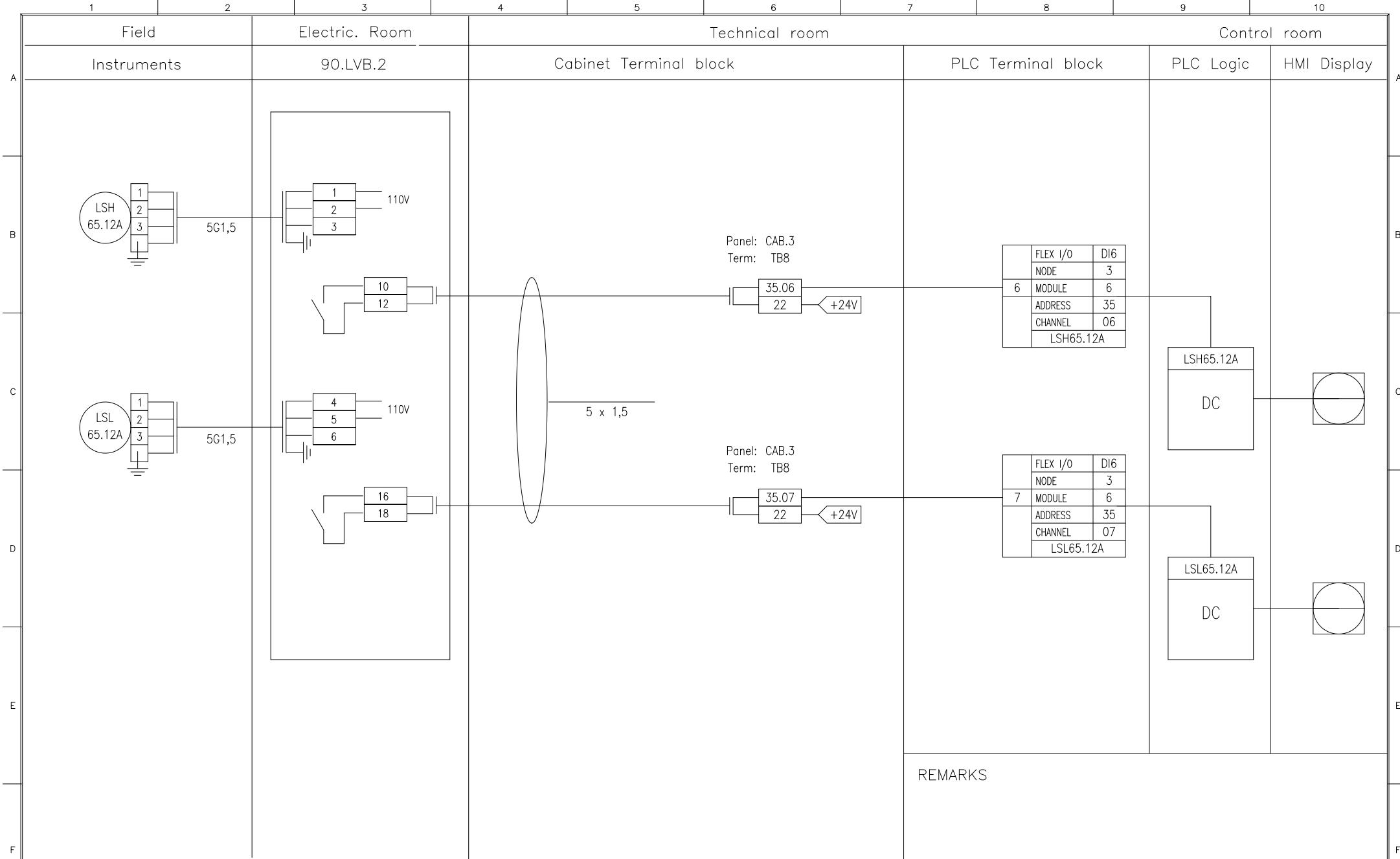


LEVEL SWITCH LSH/L65.11L

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 43
435



UNI A5	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	desig.	GC
	Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

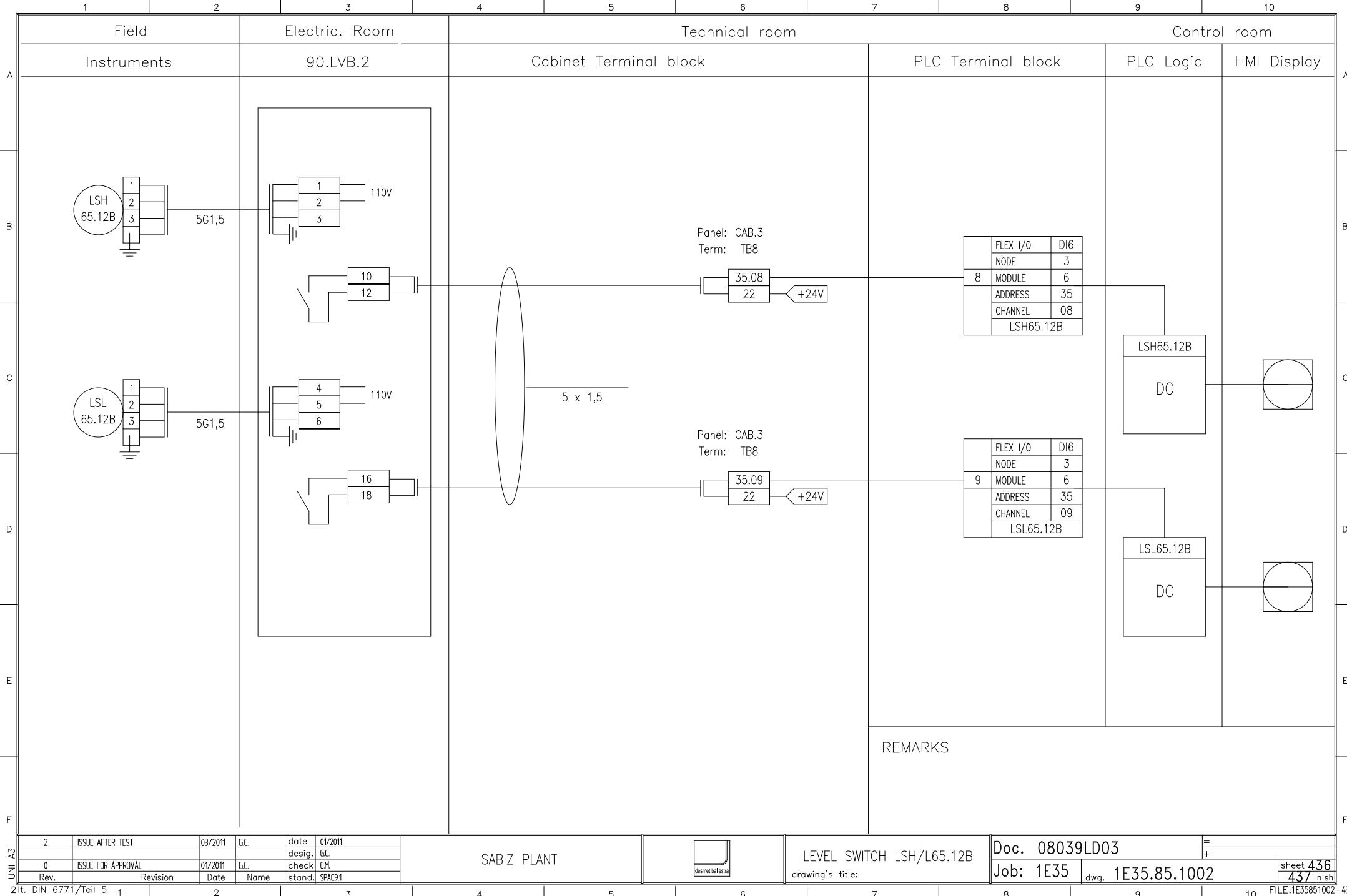


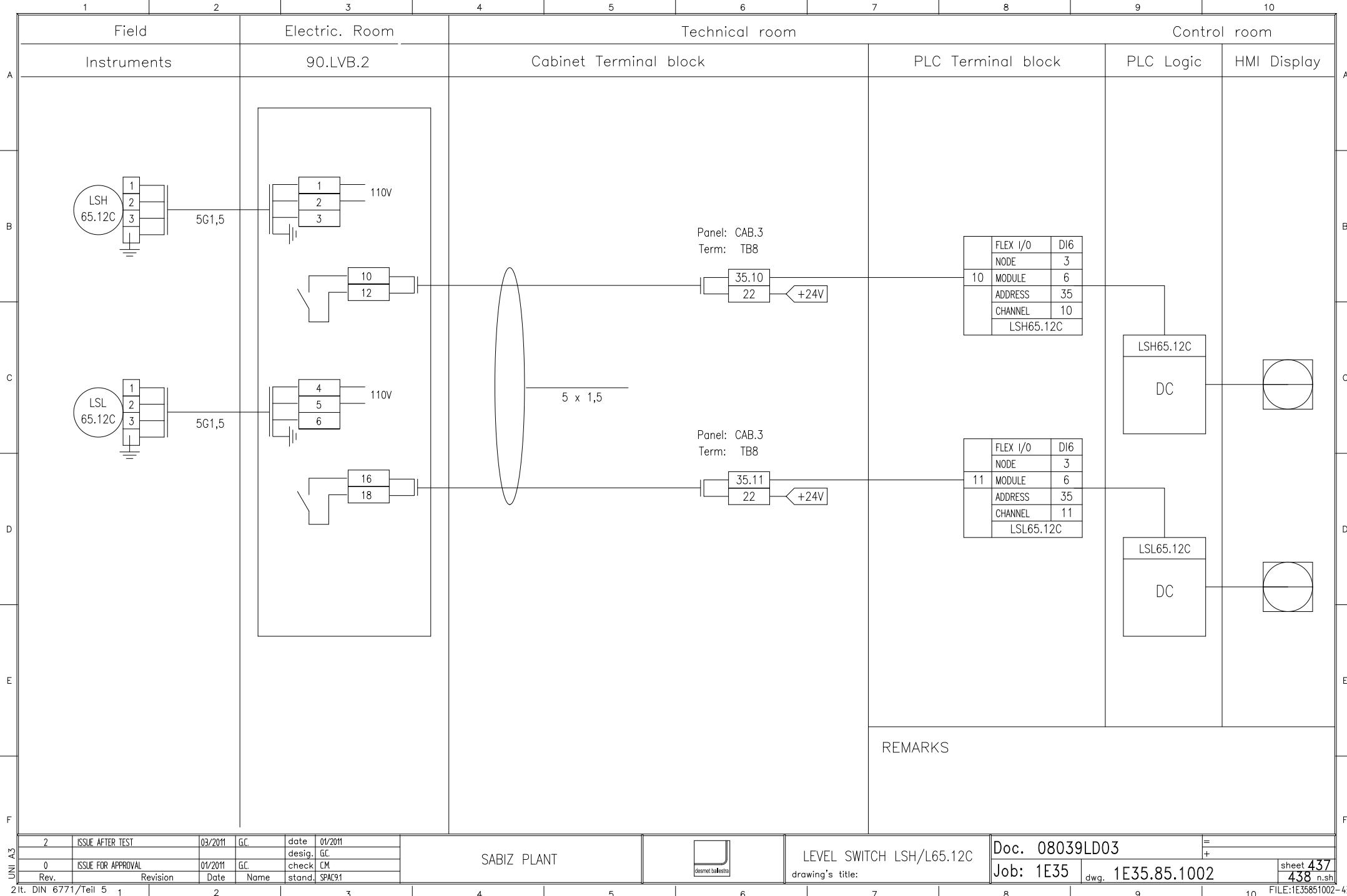
LEVEL SWITCH LSH/L65.12A

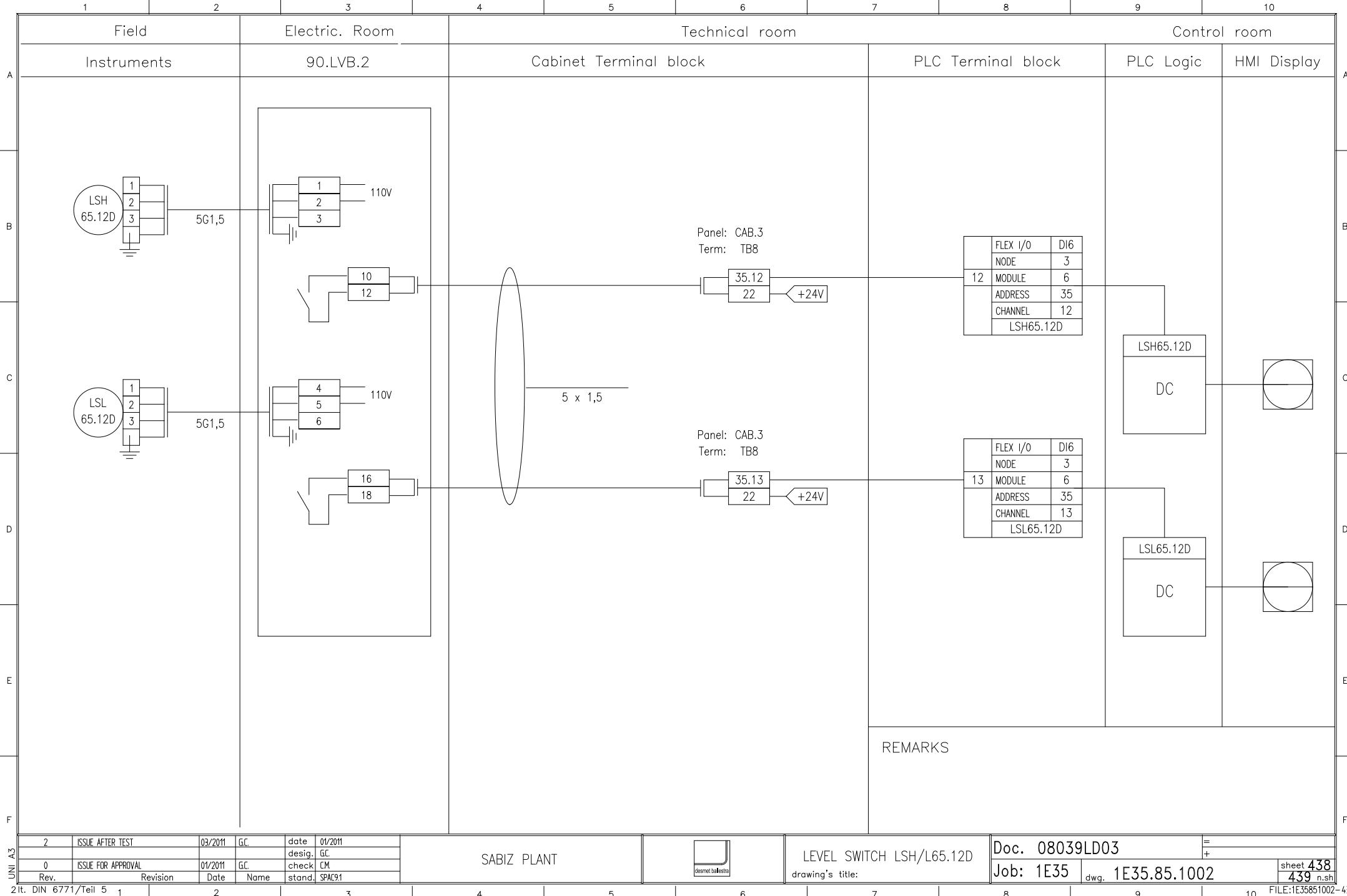
Doc. 08039LD03

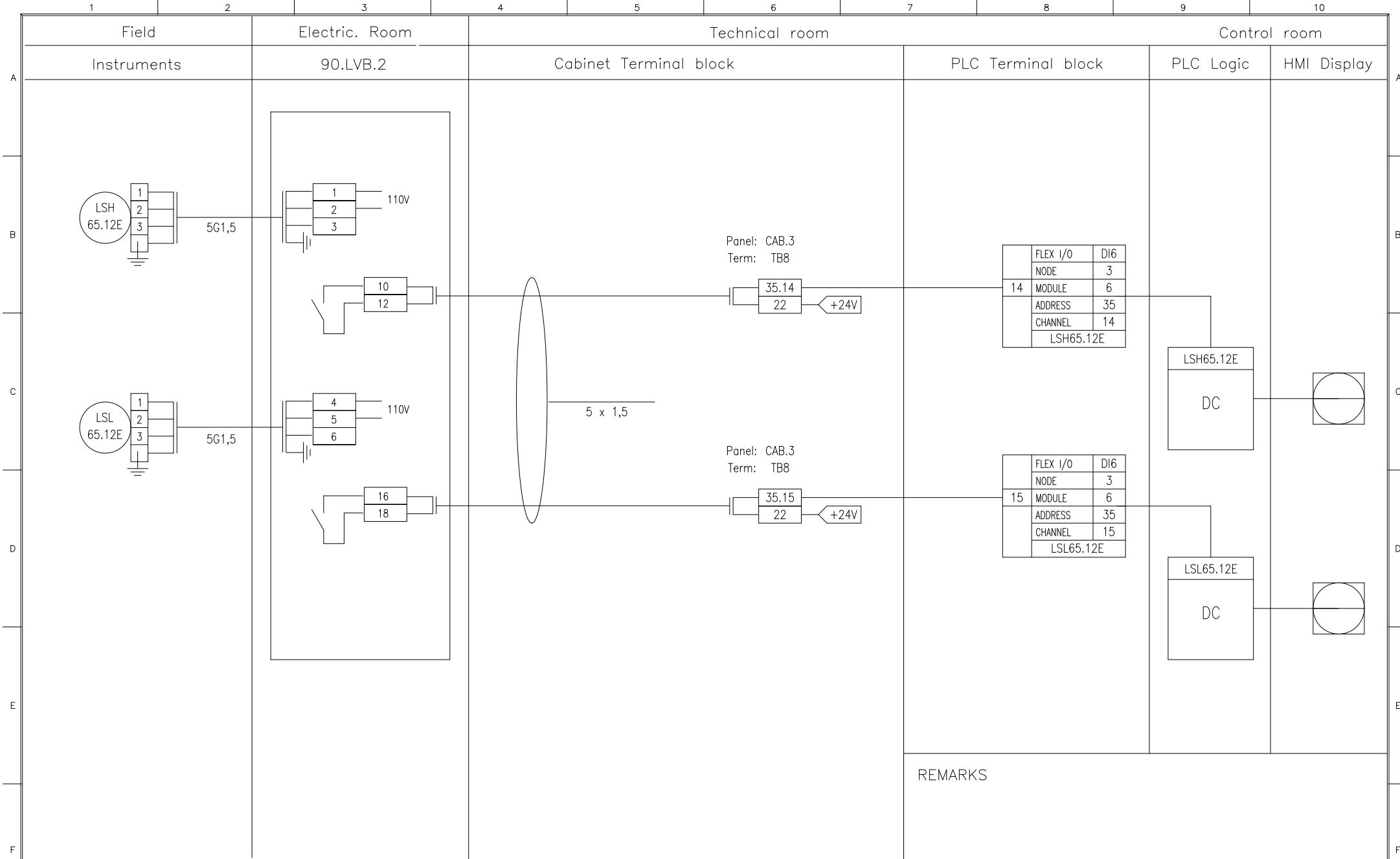
Job: 1E35 dwg. 1E35.85.1002

sheet 435
436 n.sh









UNI A3	2	ISSUE AFTER TEST	03/2011	GC.	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC.	desig.	GC
	Rev.	Revision	Date	Name	check	CM

SARIZ PLANT

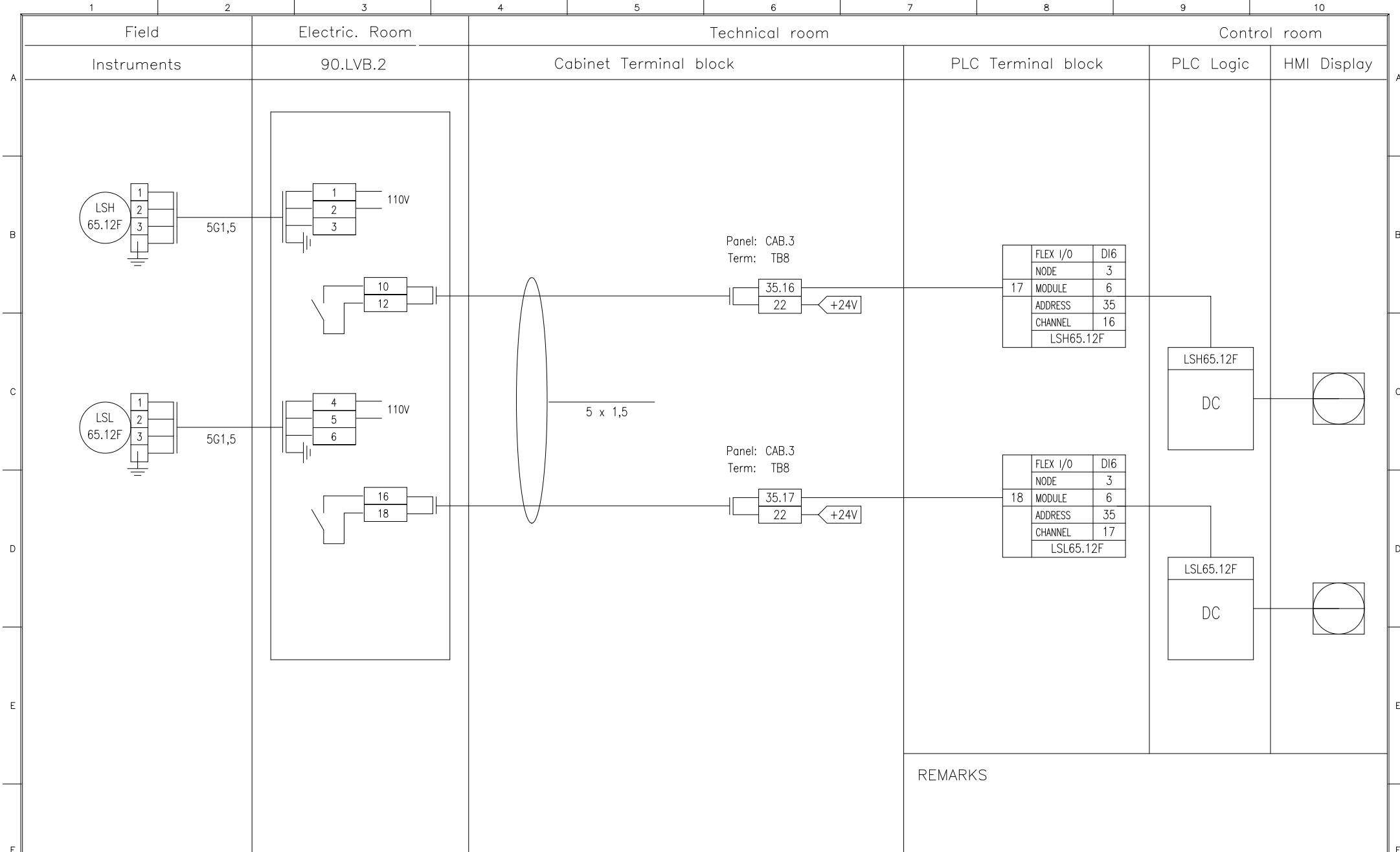


LEVEL SWITCH LSH/L65.12E

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 43
440 n



UNI A3	2	ISSUE AFTER TEST	03/2011	GC.	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC.	desig.	GC
	Rev.	Revision	Date	Name	check	CM

SARIZ PLANT

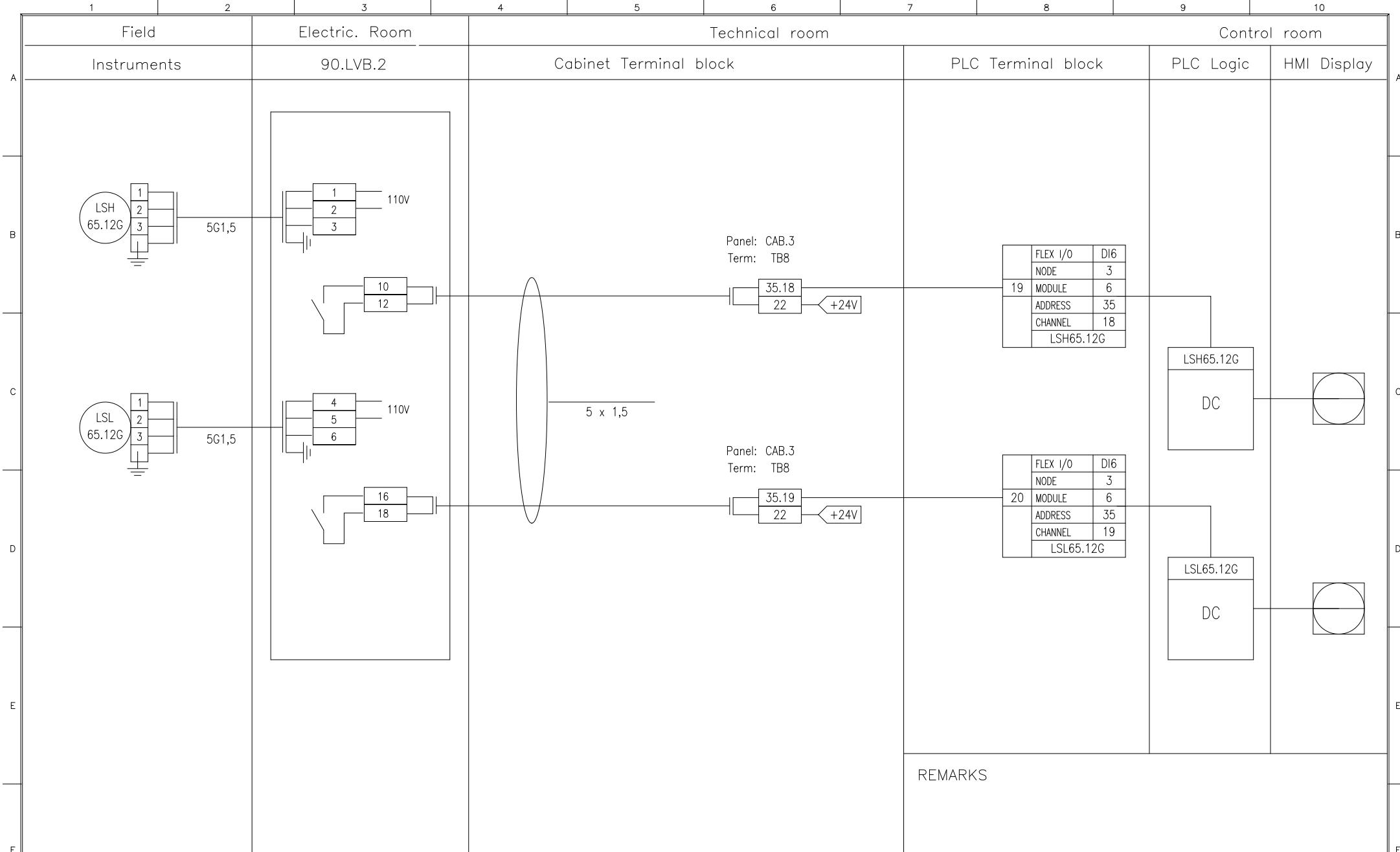


LEVEL SWITCH LSH/L65.12F

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 440
441 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SARIZ PLANT

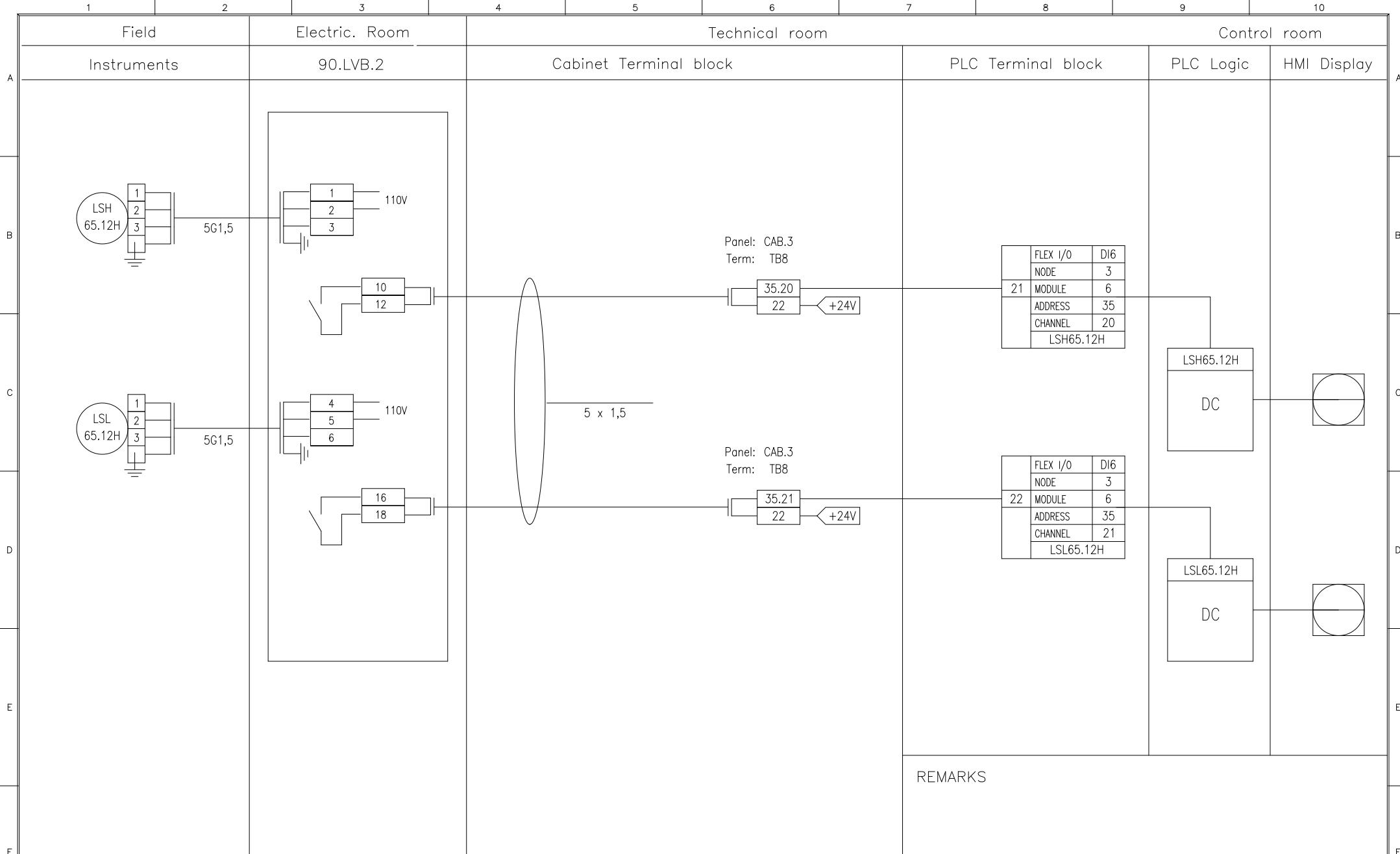


LEVEL SWITCH LSH/L65.12G
drawing's title:

Doc 080391D03

Job: 1E35 dwg. 1E35.85.1002

sheet 441
442 n.sh



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011		
				desig.	GL		
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM		

Rev. Revision Date Name stand. SPAC91

SABIZ PLANT

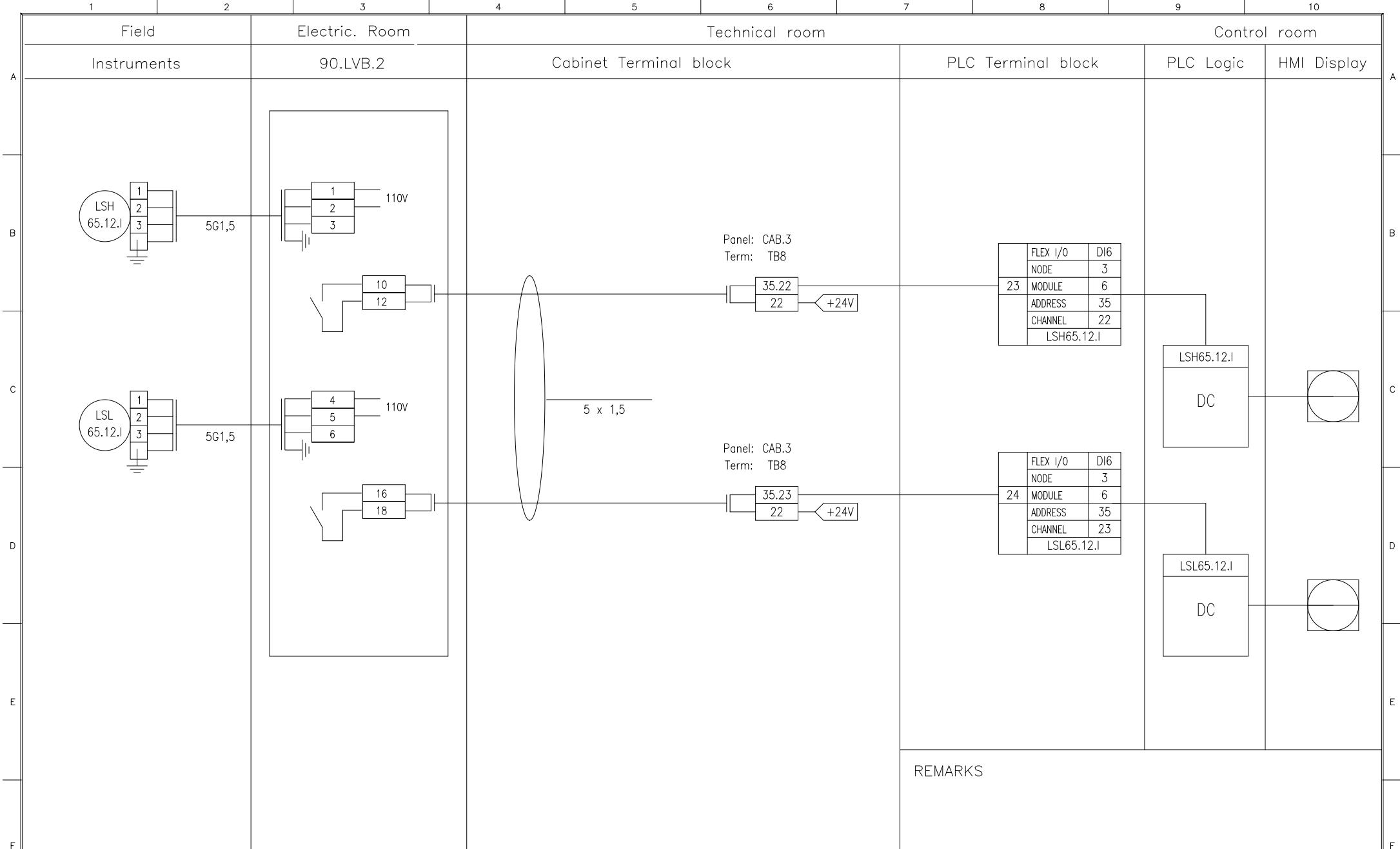


LEVEL SWITCH LSH/L65.12H
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 442
443 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SARIZ PLANT

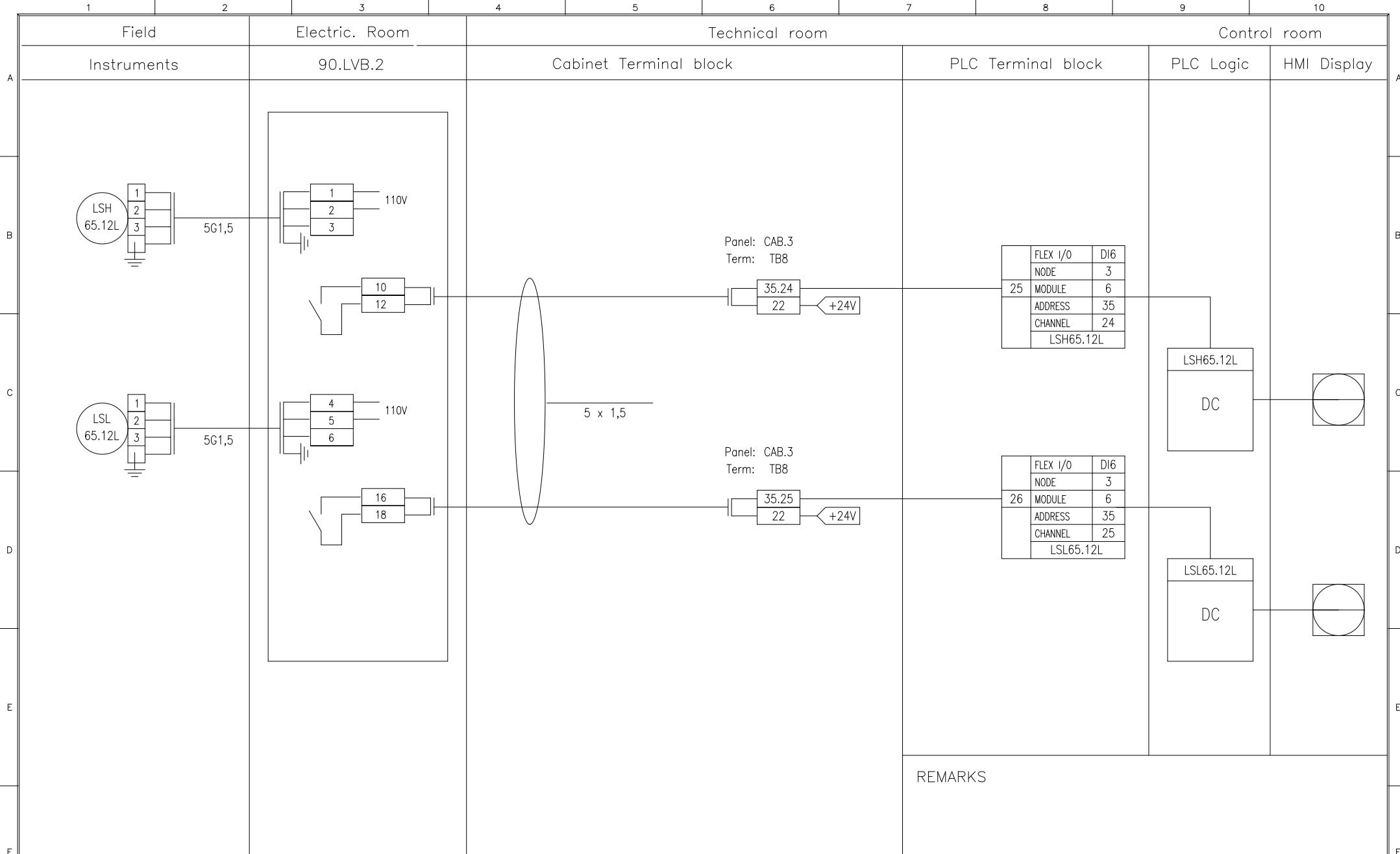


LEVEL SWITCH LSH/L65.12.
drawing's title:

Doc. 080391 D03

Job: 1E35 dwg. 1E35.85.1002

sheet 443
444 n.sh



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
				desig.	GL
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

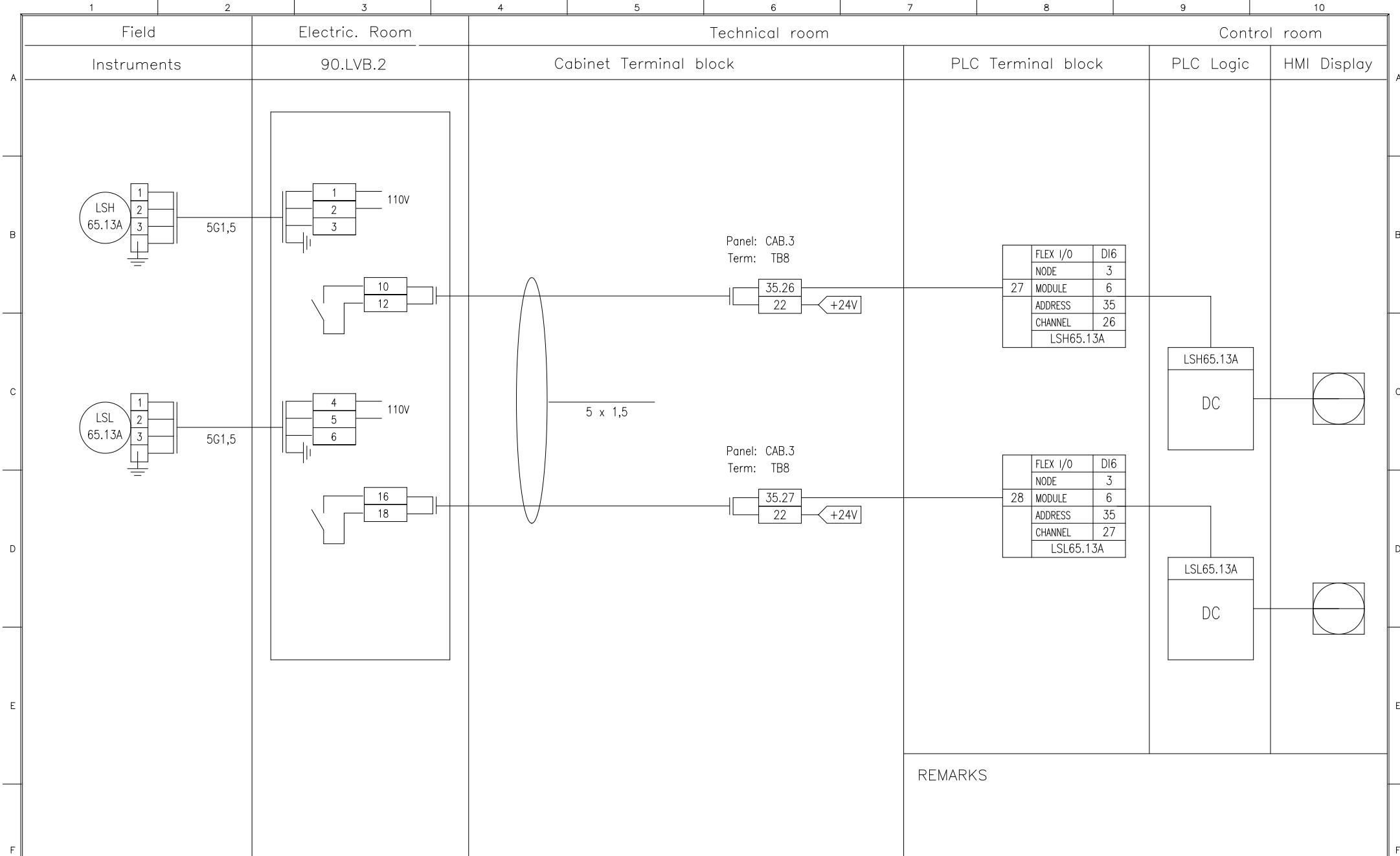


LEVEL SWITCH LSH/L65.12L
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 444
445 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC.	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC.	desig.	GC
	Rev.	Revision	Date	Name	check	CM

SARIZ PLANT

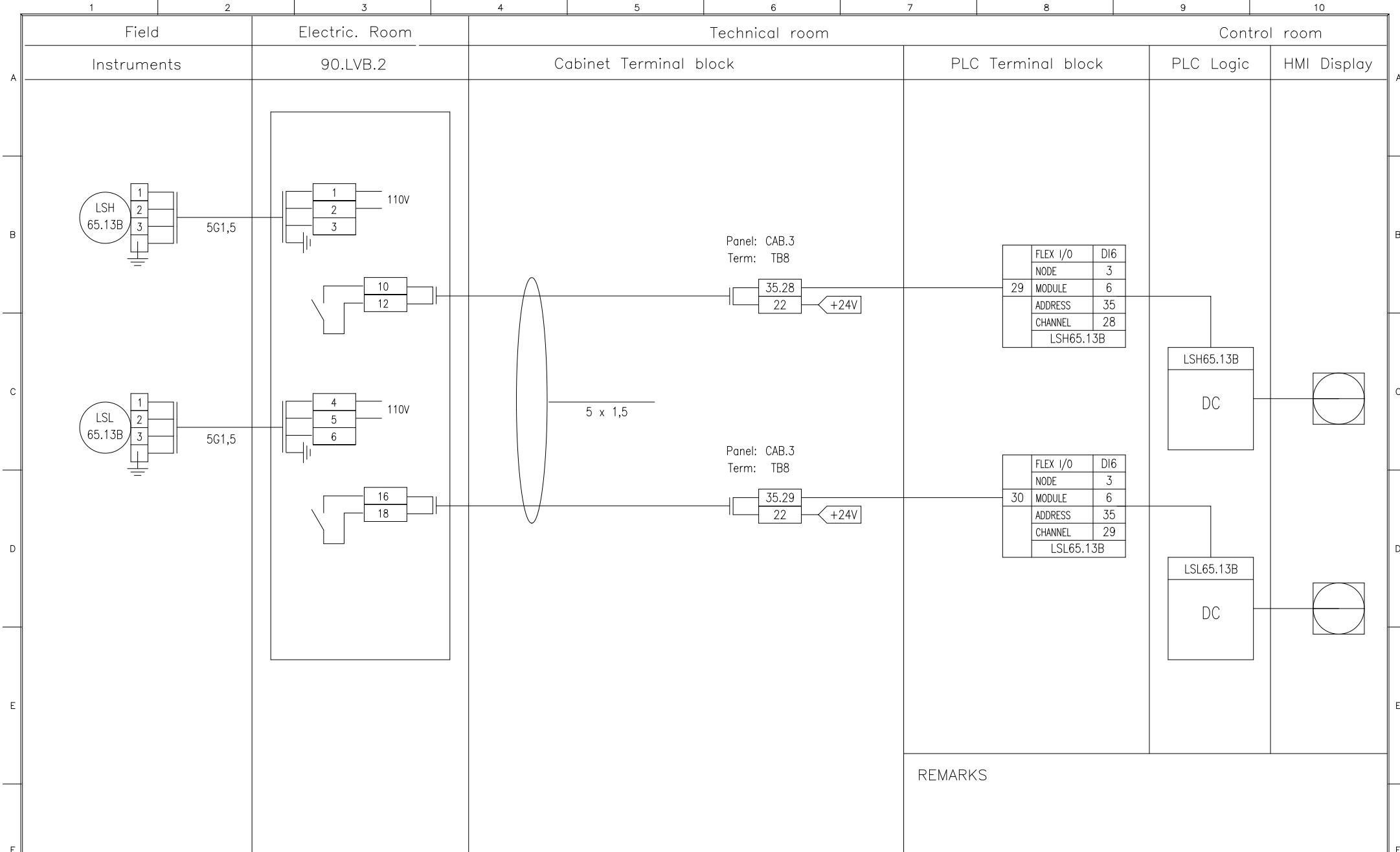


LEVEL SWITCH LSH/L65.13A
drawing's title:

Doc. 080391 D03

Job: 1E35 dwg. 1E35.85.1002

sheet 445
446 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SARIZ PLANT

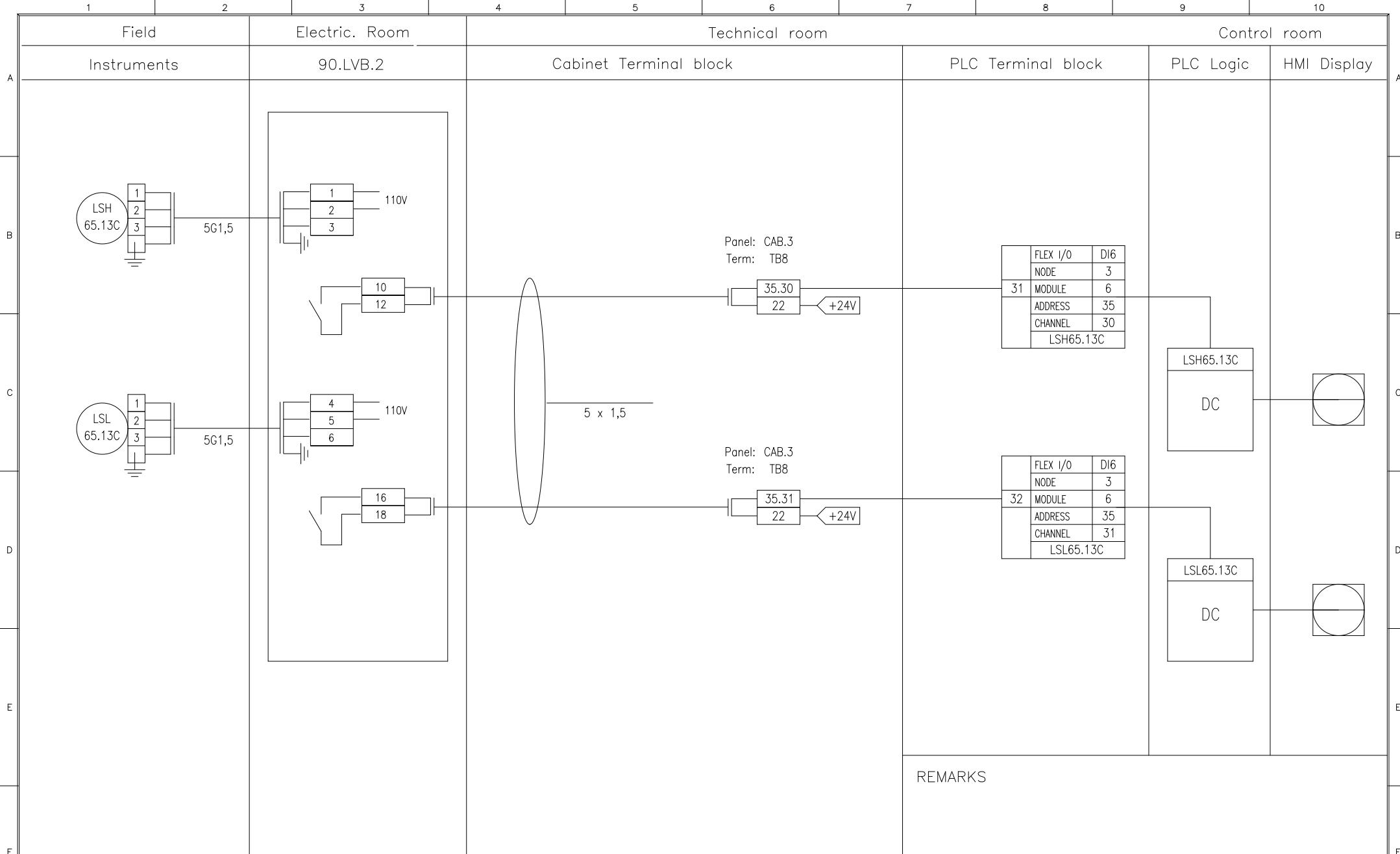


LEVEL SWITCH LSH/L65.13B

Doc. 080391 D03

Job: 1E35 dwg. 1E35.85.1002

sheet 446
447 n.sh



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011				
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM				
Rev.	Revision	Date	Name	stand.	SPAC91				

SABIZ PLANT

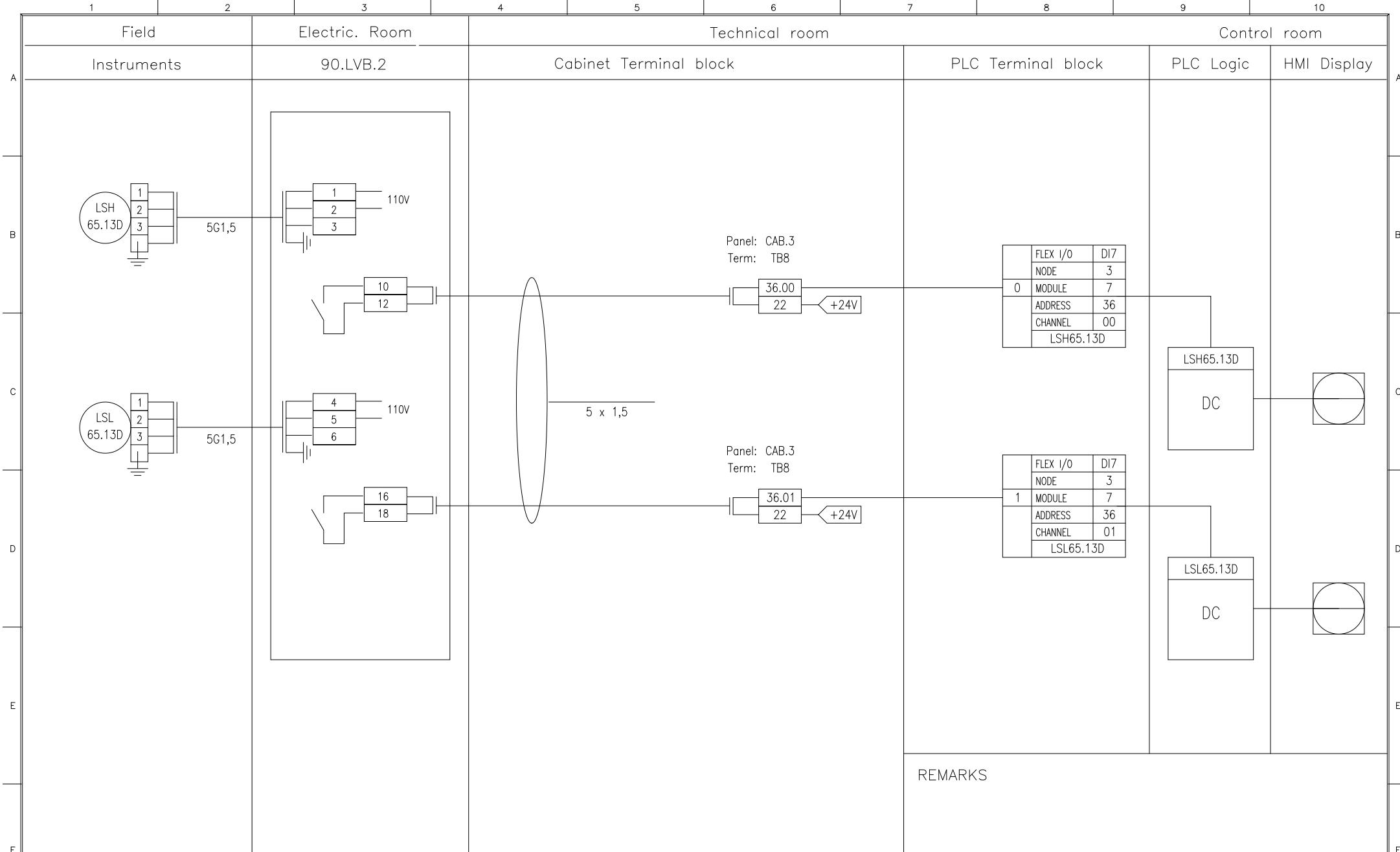


LEVEL SWITCH LSH/L65.13C
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 447
448 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SARIZ PLANT

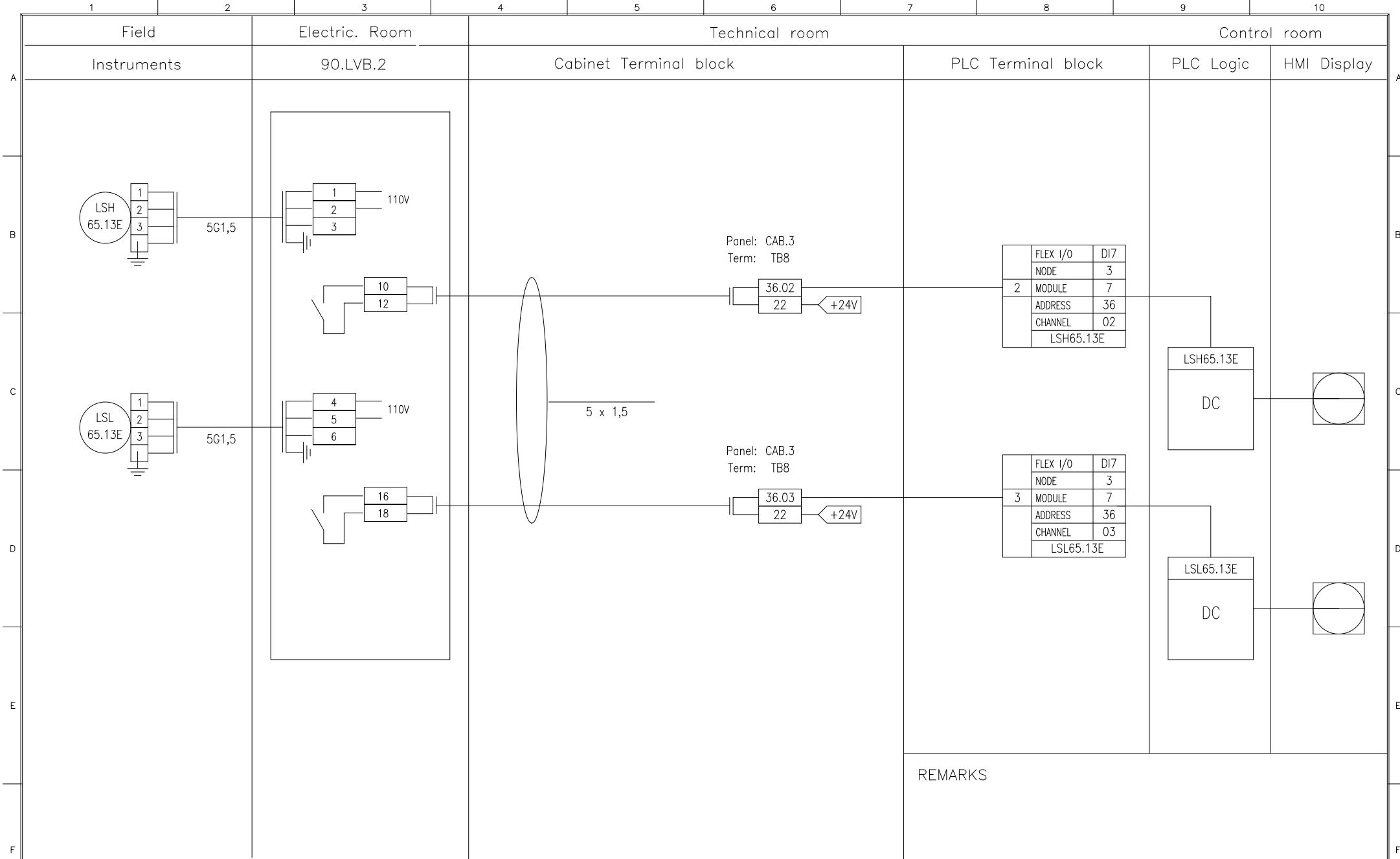


LEVEL SWITCH LSH/L65.13D
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 448
449 n.sh



UNI A5	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	desig.	GC
	Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

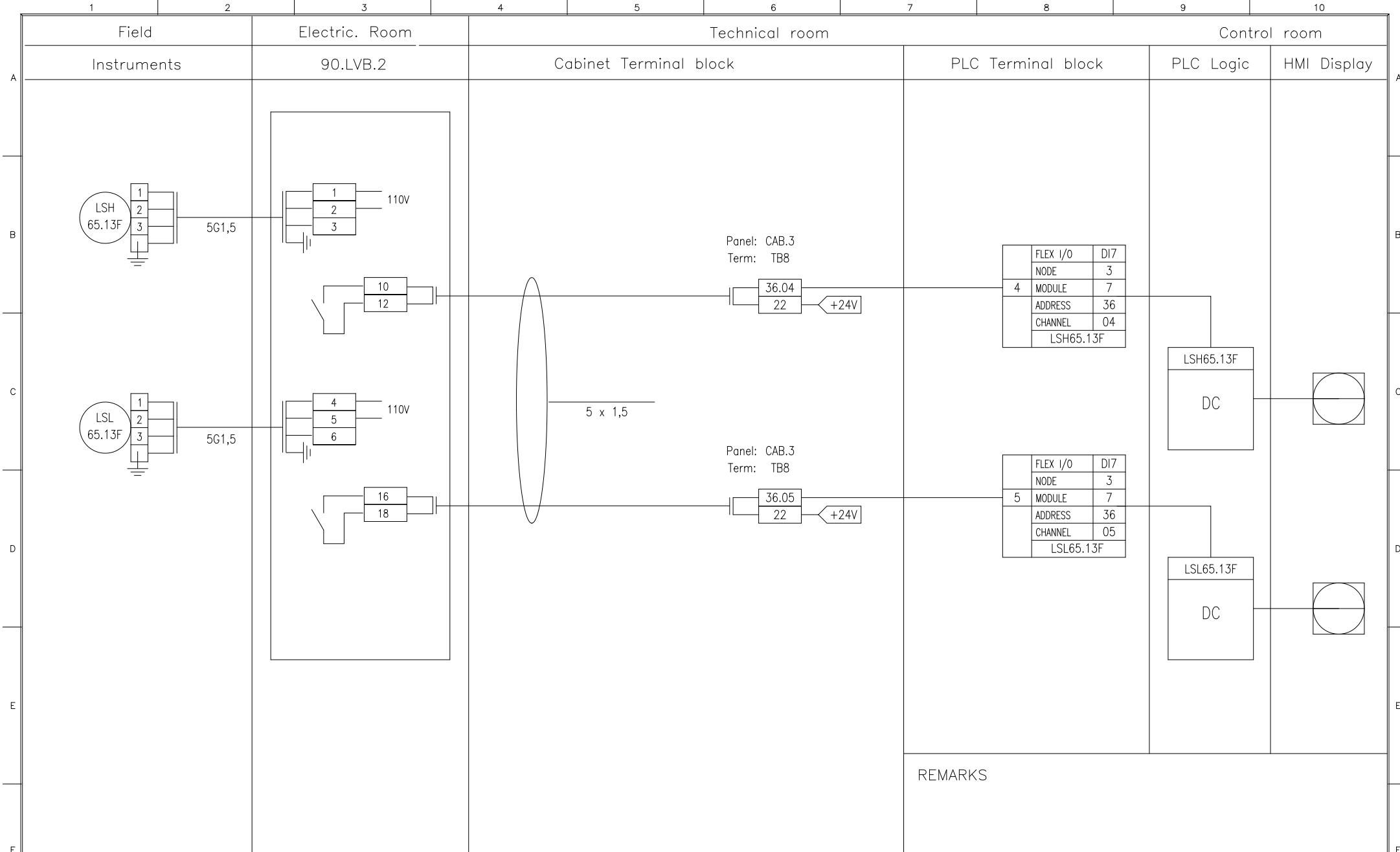


LEVEL SWITCH LSH/L65.13E
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 449
450 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
	Rev.	Revision	Date	Name	stand.	SPAC91

SARIZ PLANT

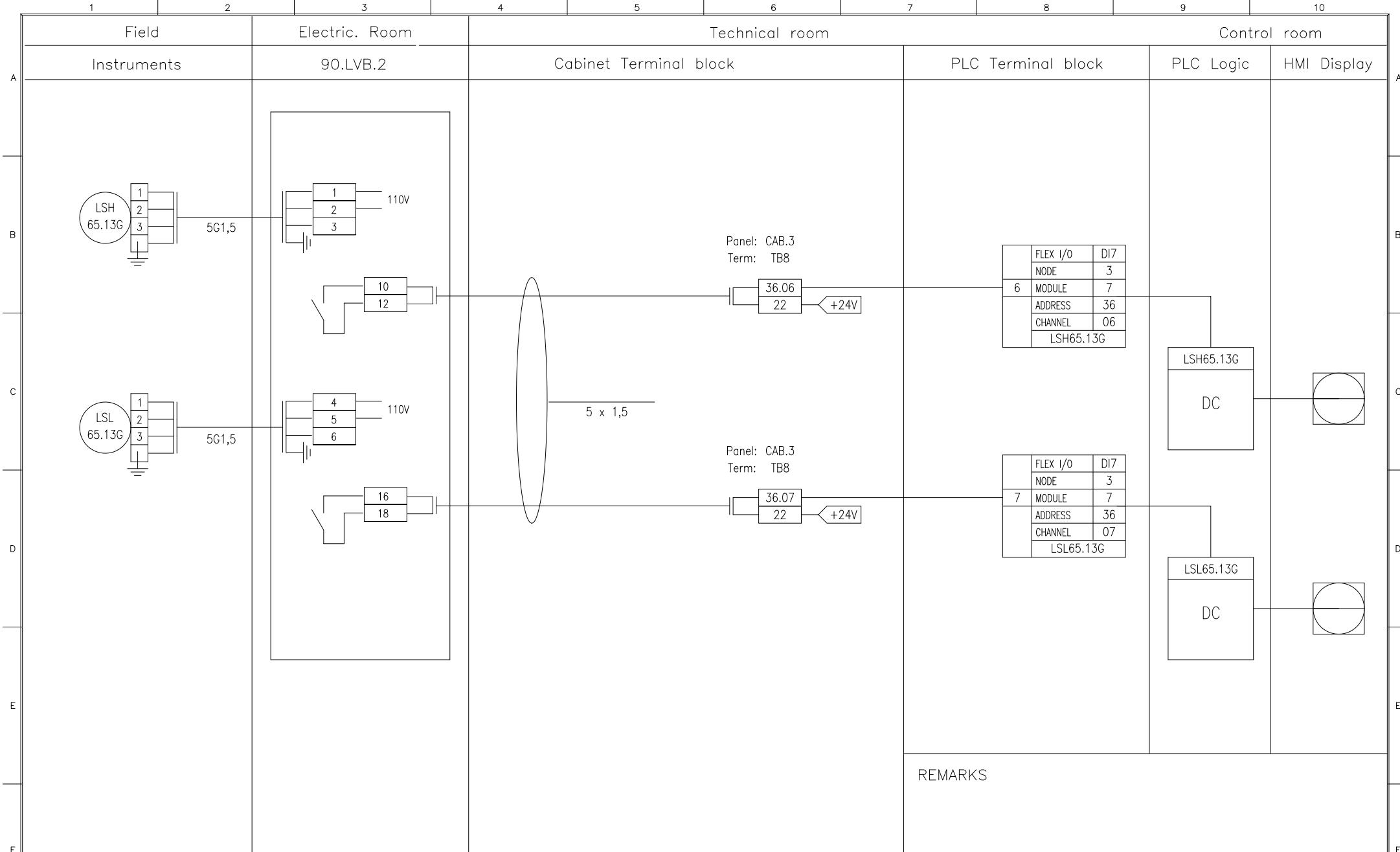


LEVEL SWITCH LSH/L65.13F

Doc. 08039LD03

Job: 1E35

sheet 450
451 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC.	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC.	desig.	GC
	Rev.	Revision	Date	Name	check	CM

SABIZ PLANT

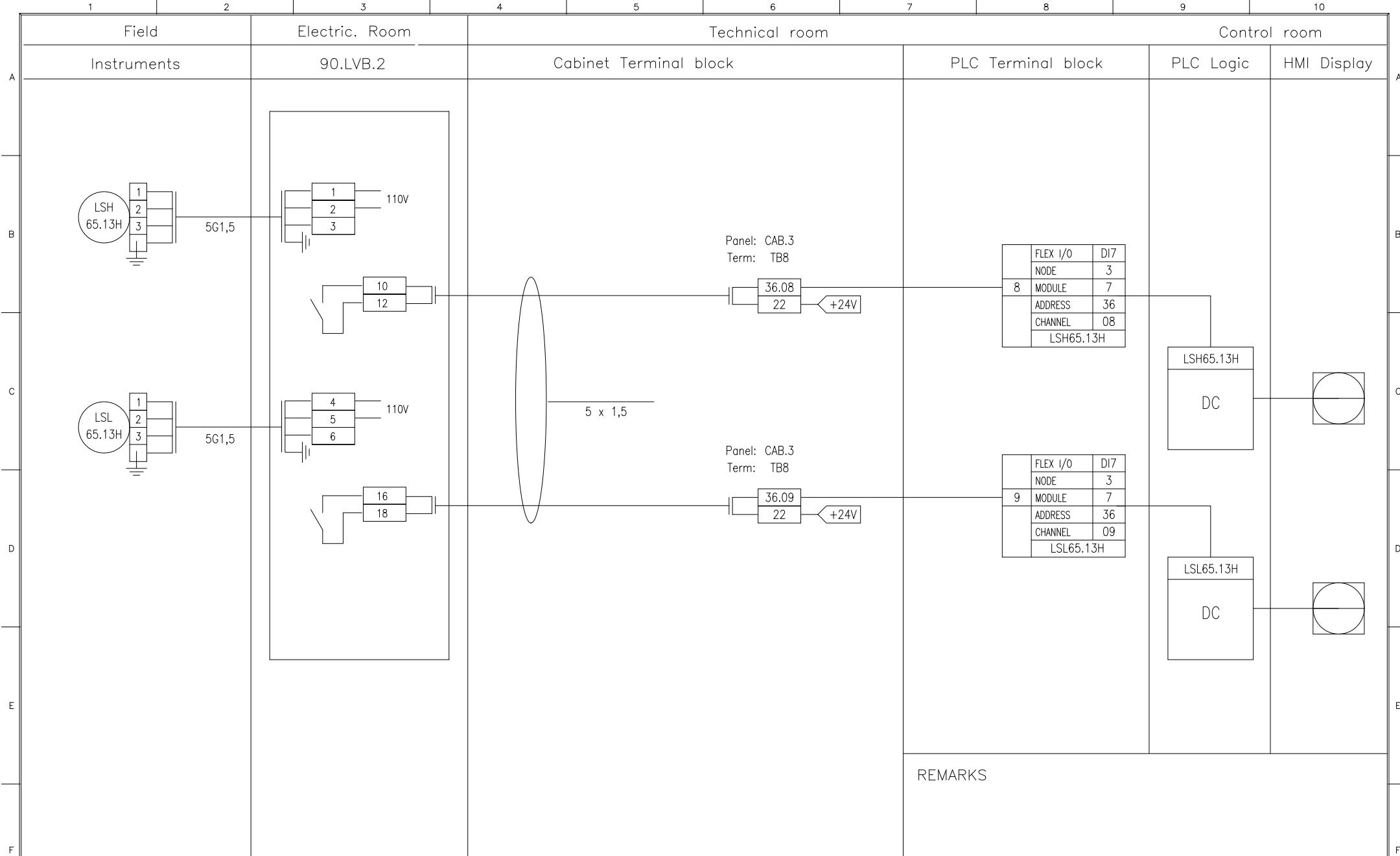


LEVEL SWITCH LSH/L65.13G

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 451
452 n.sh



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011	
				desig.	GL	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
				stand.	SPAC91	

Rev. Revision Date Name

SABIZ PLANT

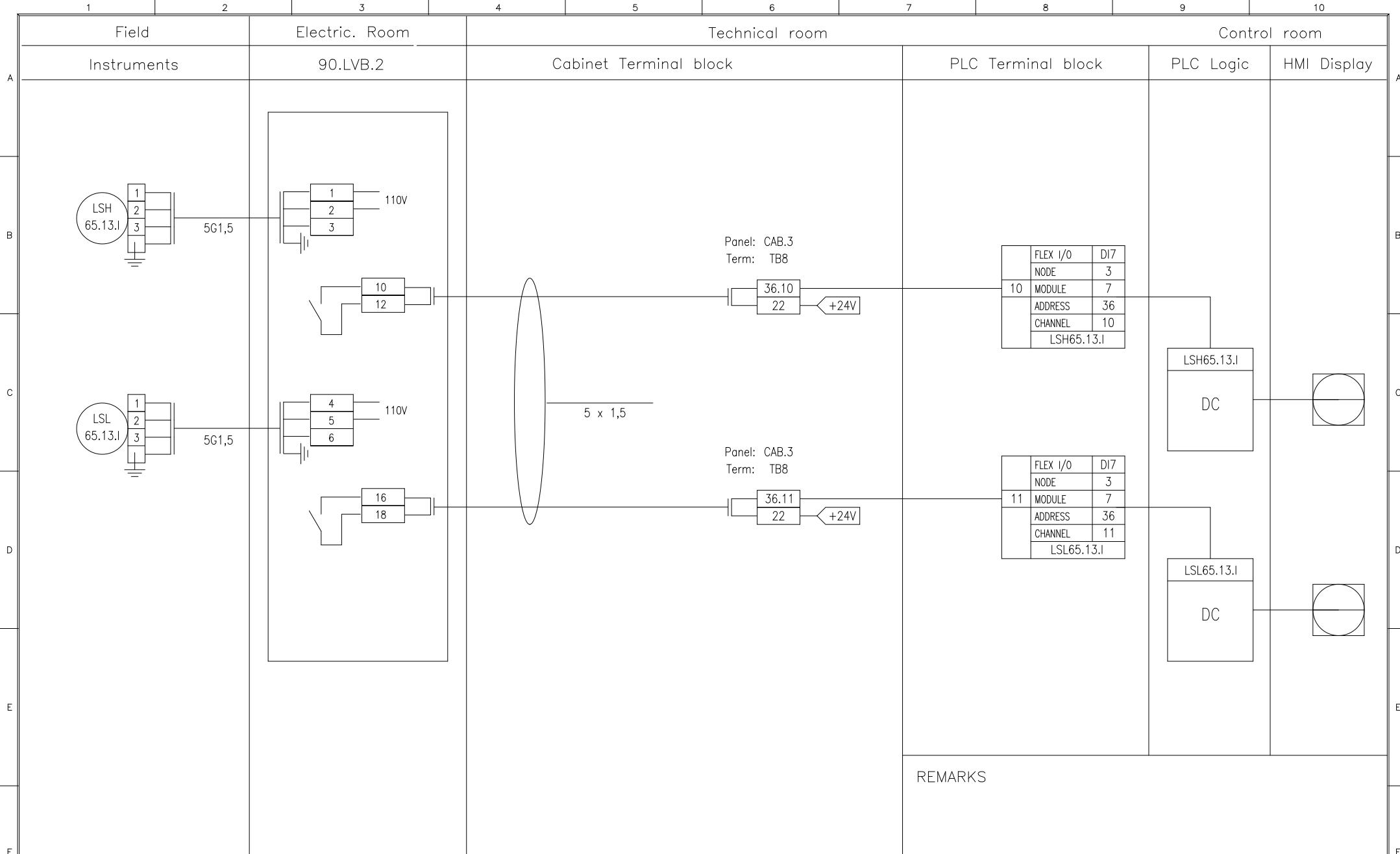


LEVEL SWITCH LSH/L65.13H
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 452
453 n.sh



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT

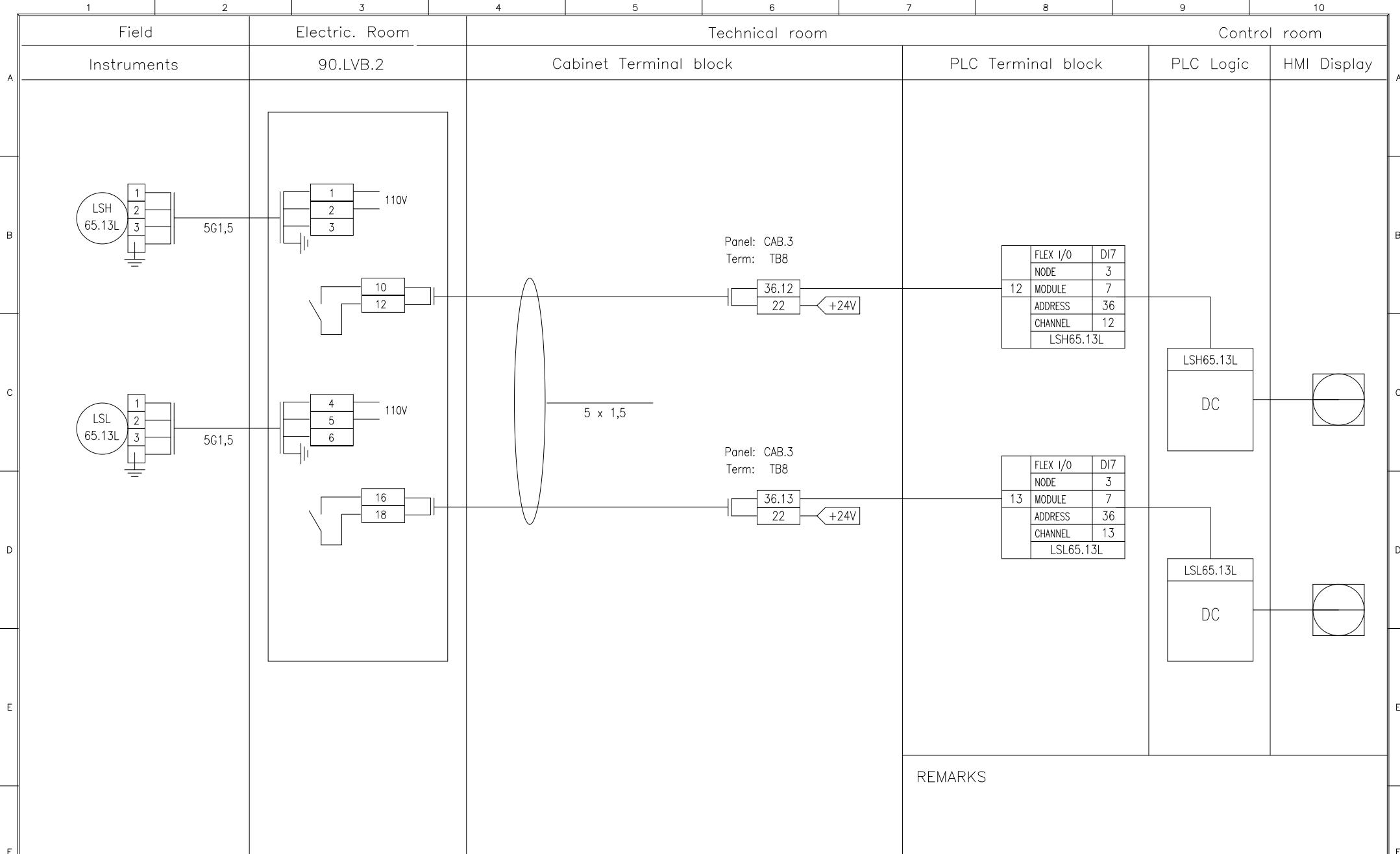


LEVEL SWITCH LSH/L65.13.I
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 453
454 n.sh



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
				desig.	GL
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

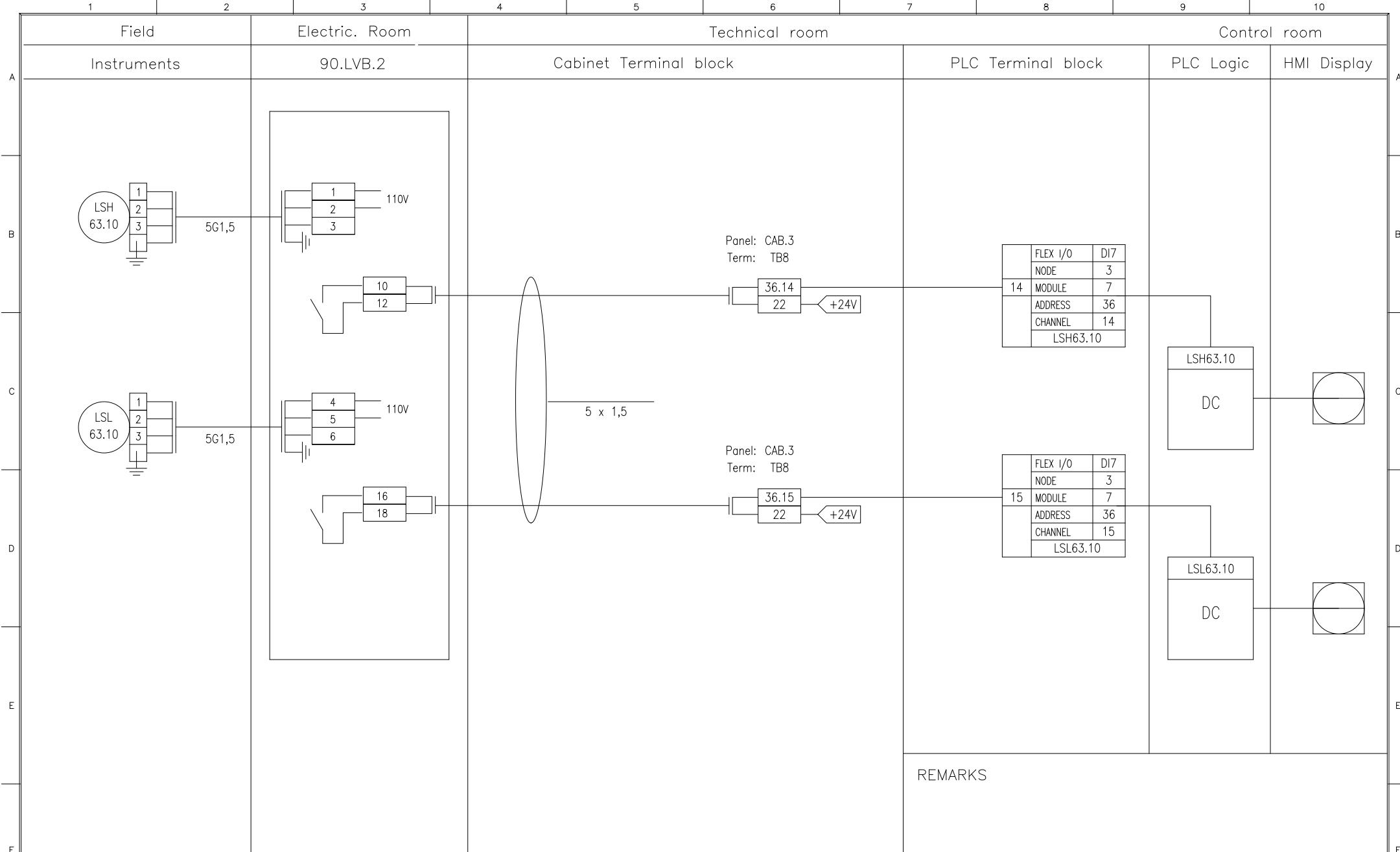


LEVEL SWITCH LSH/L65.13L
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 454
455 n.sh



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011	
				desig.	GL	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT

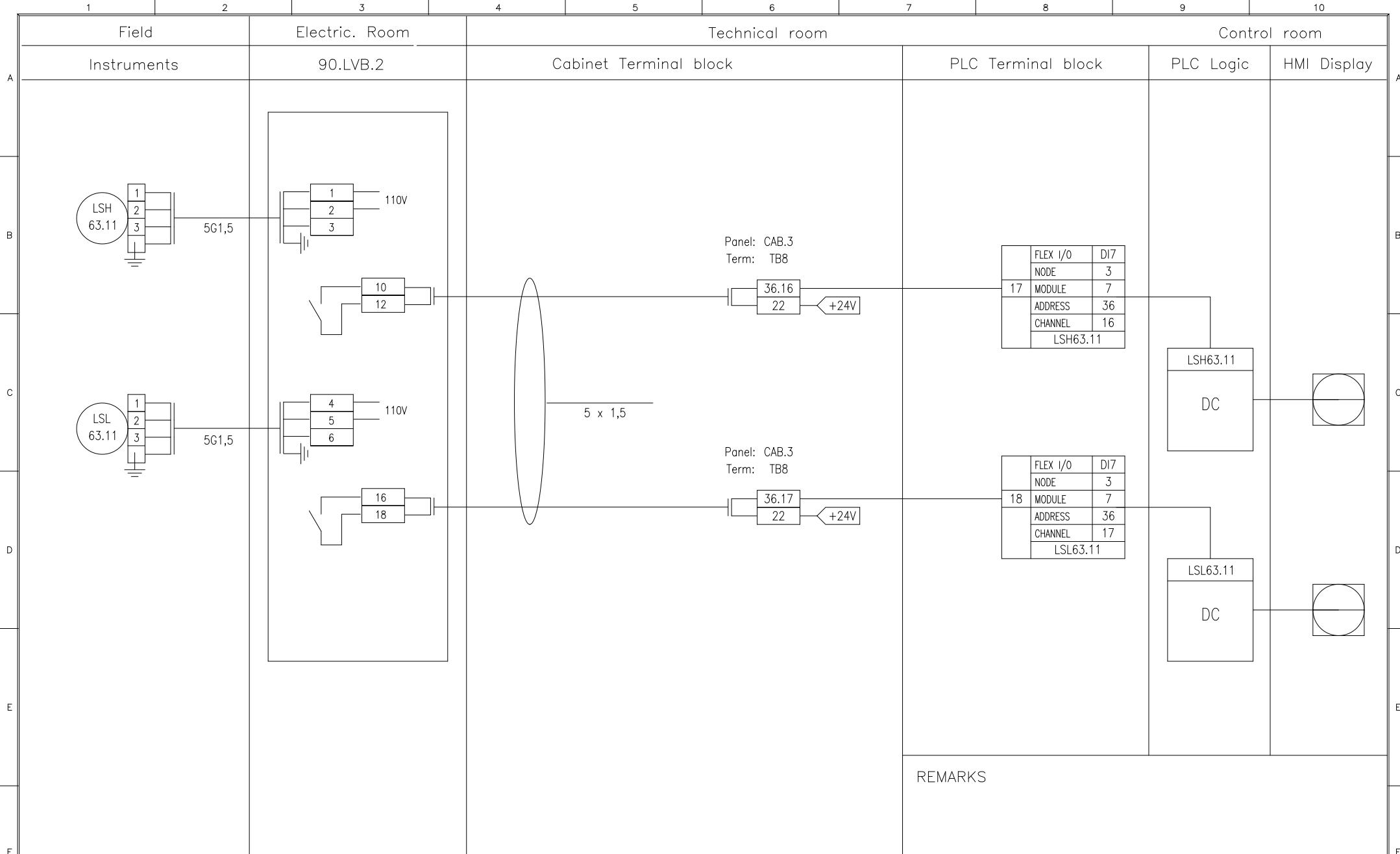


LEVEL SWITCH LSH/L63.10
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 455
456 n.sh



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT

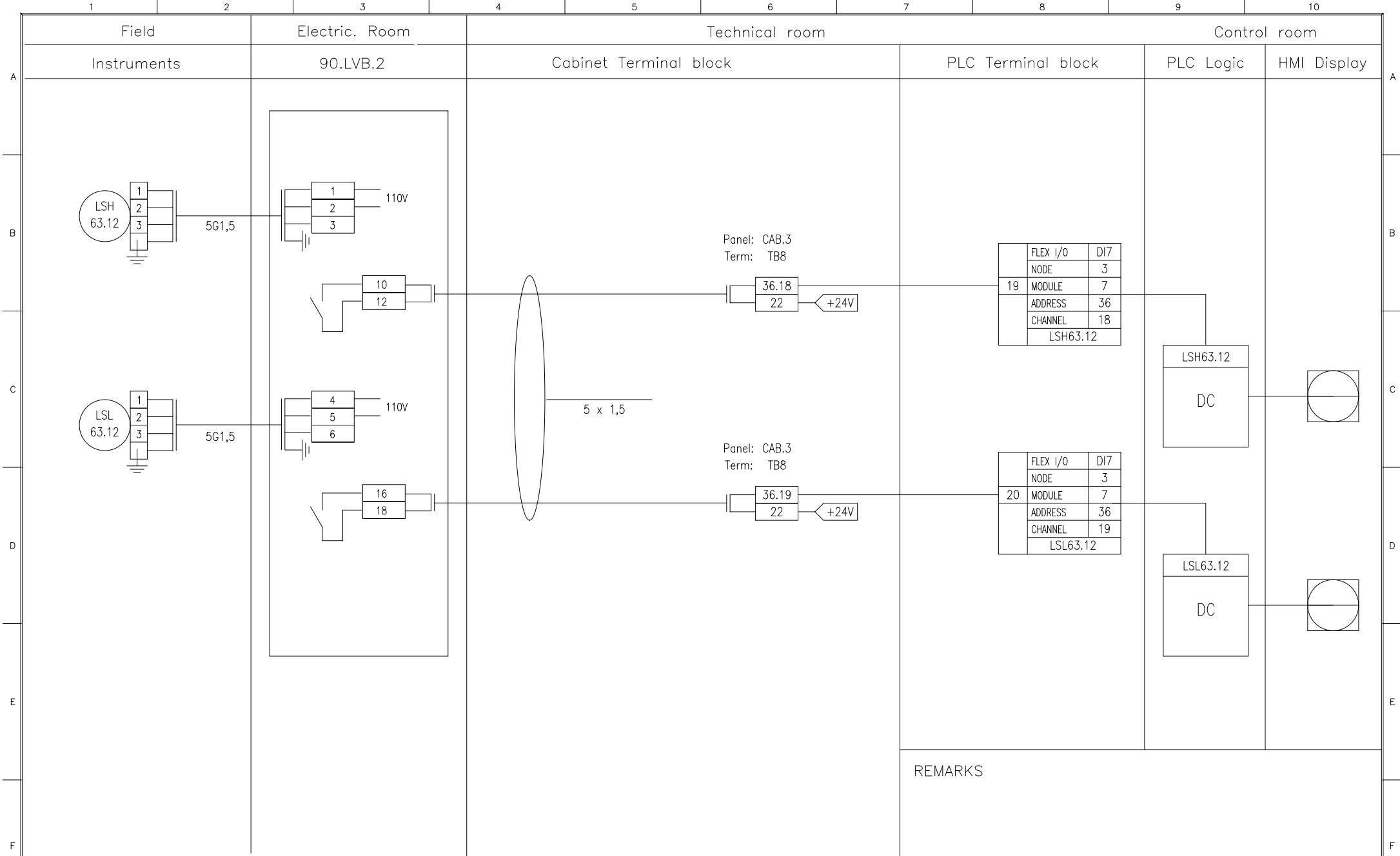


LEVEL SWITCH LSH/L63.11
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 456
457 n.sh



UNI A3	2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
	0	ISSUE FOR APPROVAL	01/2011	GC	desig.	GC
	Rev.	Revision	Date	Name	stand.	CM
						SPAC91

SABIZ PLANT



LEVEL SWITCH LSH/L63.12

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 457
458 n.sh

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

Technical room

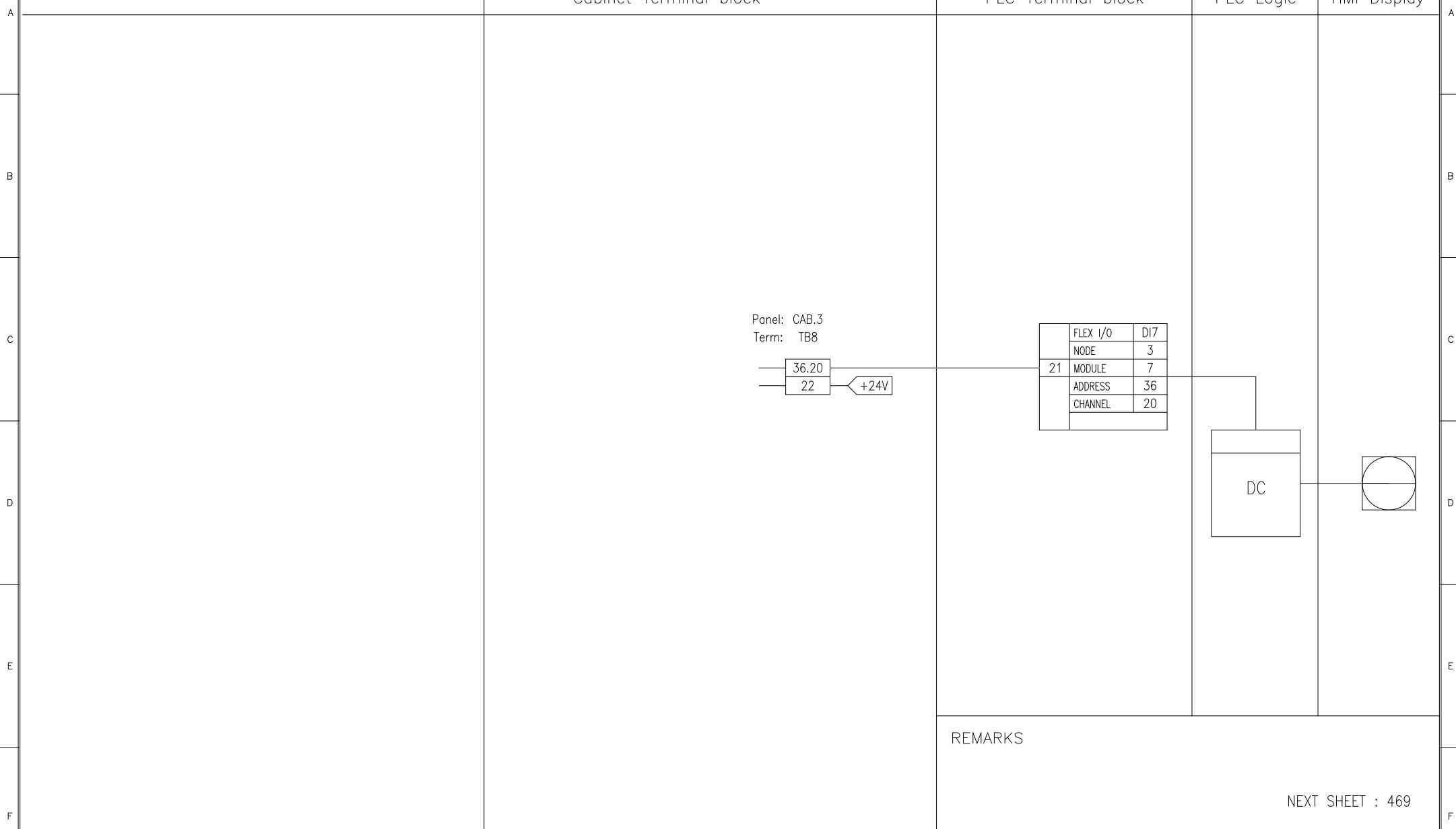
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



UNI A3										
0	ISSUE FOR APPROVAL	01/2011	GC	date	01/2011	desig.	GC			
Rev.	Revision	Date	Name	check	CM	stand.	SPAC91			
2it. DIN 6771/Teil 5 1	2	3	4	5	6	7	8	9	10	FILE:1E35851002-458

SABIZ PLANT



SPARE DIGITAL INPUT

drawing's title:

Doc. 08039LD03

Job: 1E35

dwg. 1E35.85.1002

sheet 458

469 n.sh

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

Technical room

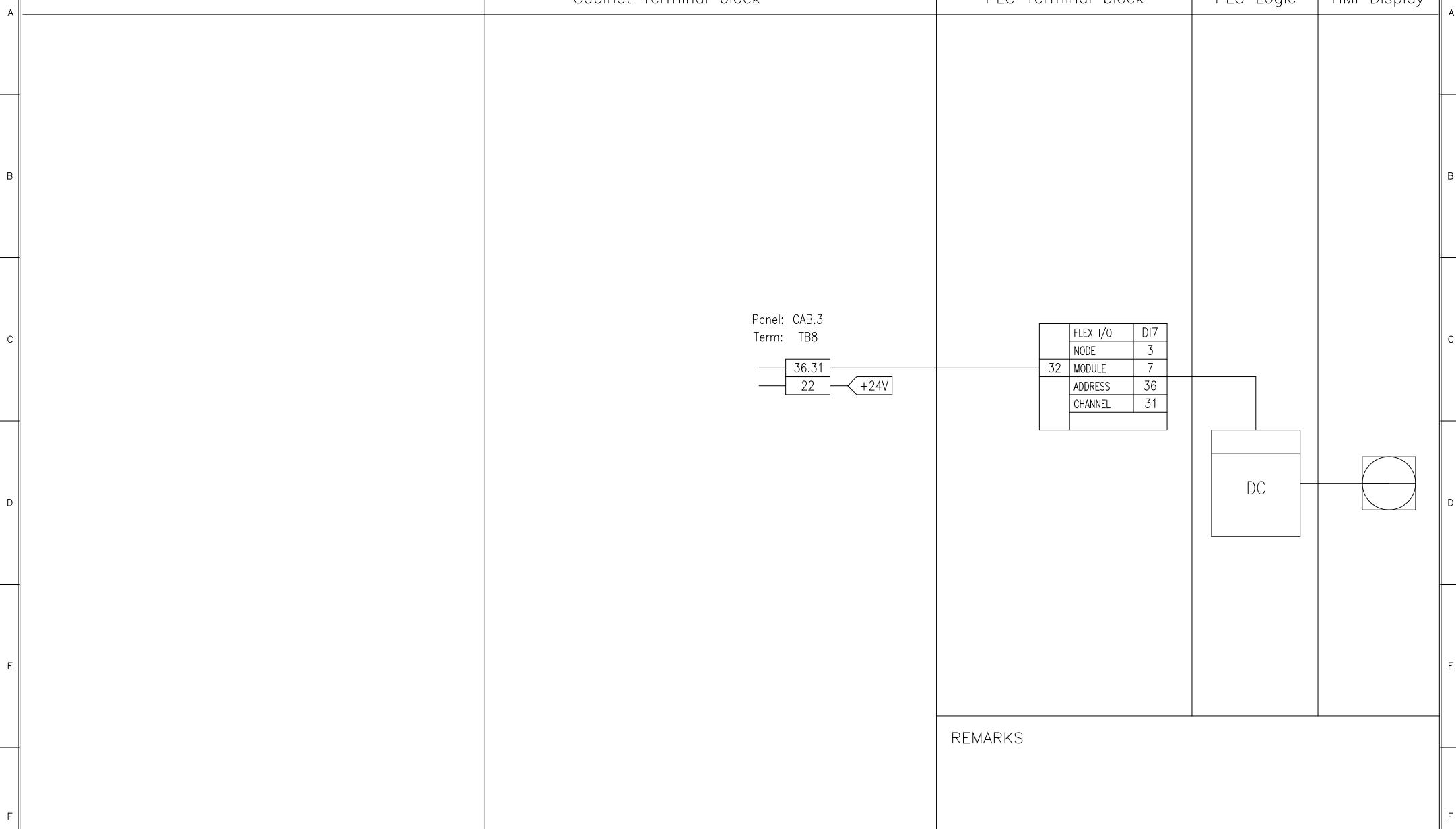
Control room

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display



UNI A3										
0	ISSUE FOR APPROVAL	01/2011	GC	check CM						
Rev.	Revision	Date	Name	stand.	SPAC91					
2it. DIN 6771/Teil 5 1	2	3	4	5	6	7	8	9	10	FILE:1E35851002-469

SABIZ PLANT

desmet ballstra

SPARE DIGITAL INPUT

drawing's title:

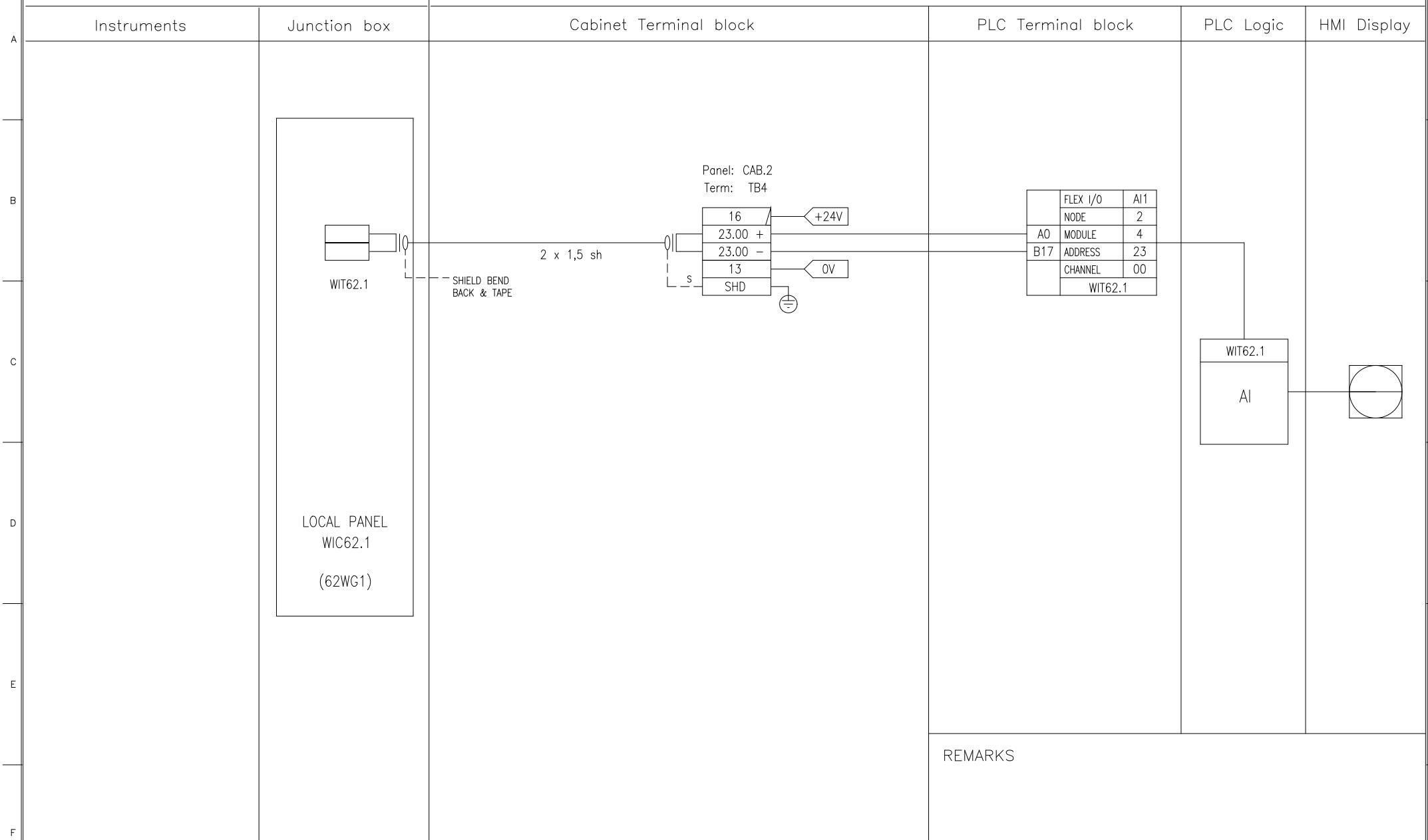
Doc. 08039LD03 =
Job: 1E35 +
dwg. 1E35.85.1002 sheet 469
470 n.sh

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

Field

Technical room

Control room



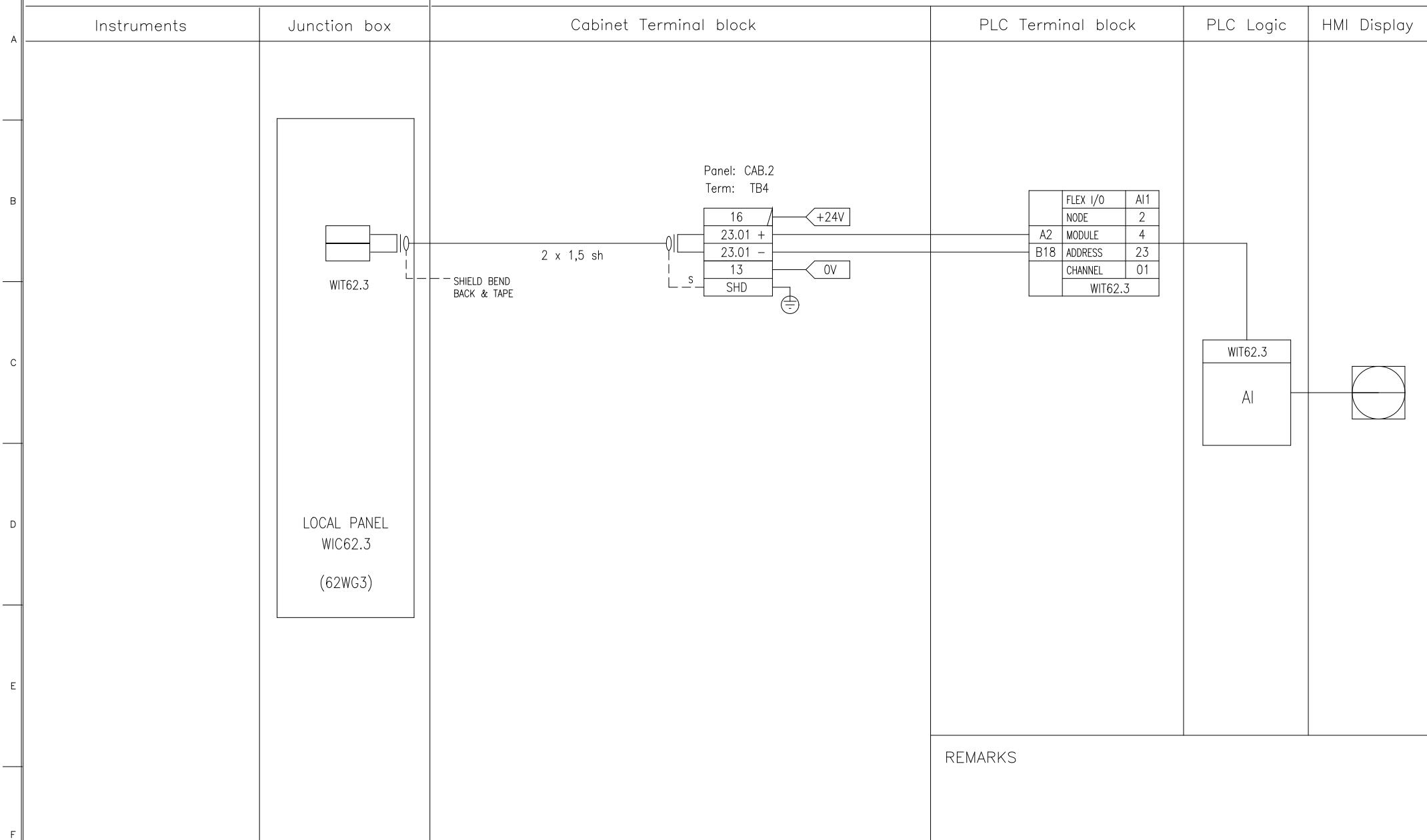
UNI A3					date 01/2011			Doc. 08039LD03	=
					desig. GL				+
0	ISSUE FOR APPROVAL	01/2011	GC	check CM					
Rev.	Revision	Date	Name	stand. SPAC91					
2it. DIN 6771/Teil 5 1	2	3	4	5	SABIZ PLANT	desmet ballstra	WEIGHT TRANSMITTER WIT62.1	Job: 1E35	sheet 470
							drawing's title:	dwg. 1E35.85.1002	471 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



date	01/2011
desig.	GC
0	ISSUE FOR APPROVAL
Rev.	01/2011
Revision	GC
Date	check CM
Name	stand. SPAC91

SABIZ PLANT

WEIGHT TRANSMITTER WIT62.3
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

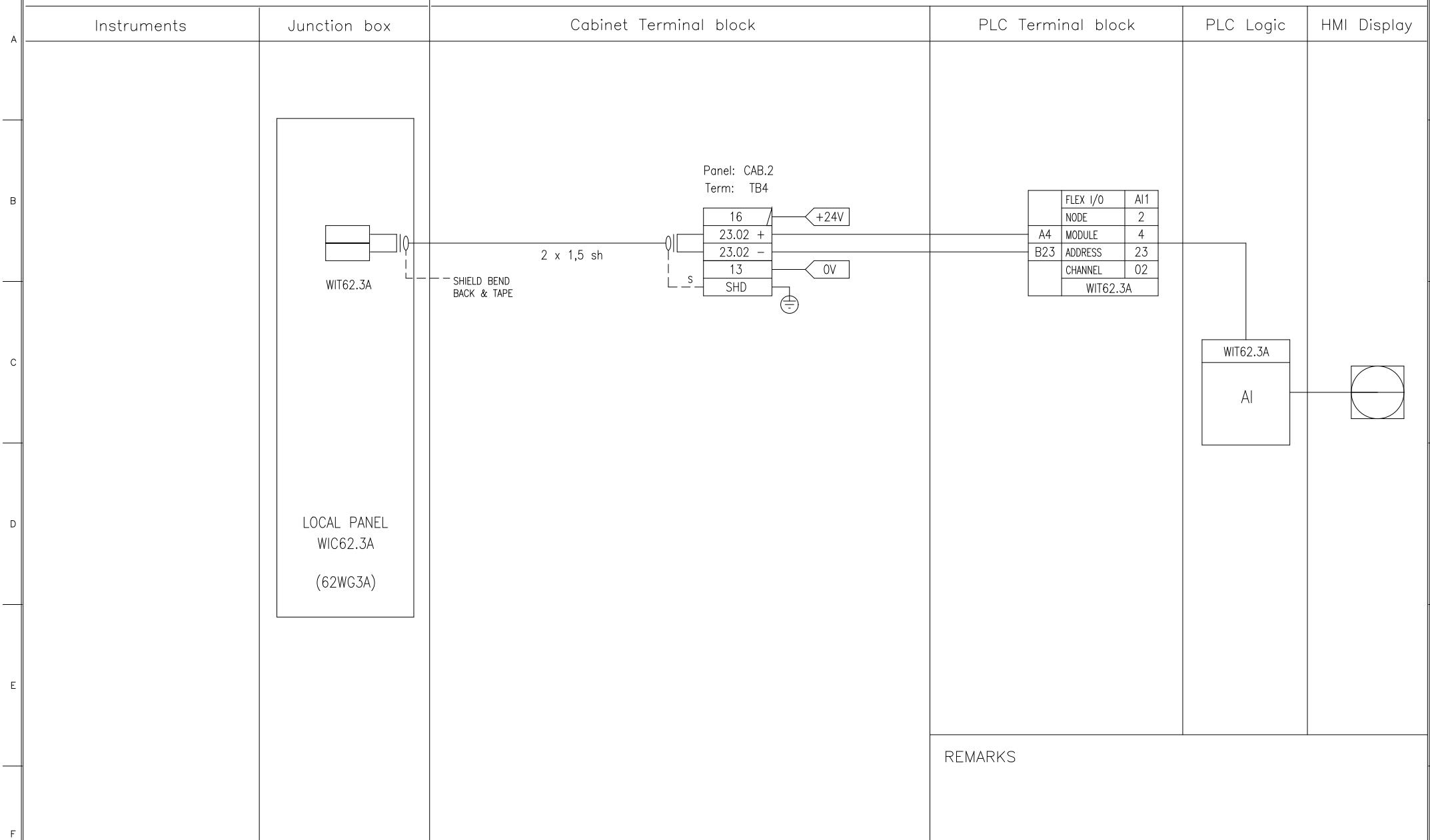
sheet 471
472 n.sh

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

Field

Technical room

Control room



UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



WEIGHT TRANSMITTER WIT62.3A
drawing's title:

Doc. 08039LD03

=

+

sheet 472

Job: 1E35 dwg. 1E35.85.1002

473 n.sh

1

2

3

4

5

6

7

8

9

10

Field

Technical room

Control room

Instruments

Junction box

Cabinet

Terminal block

PLC

Terminal block

PLC

Logic

HMI

Display

A

A

B

B

C

C

D

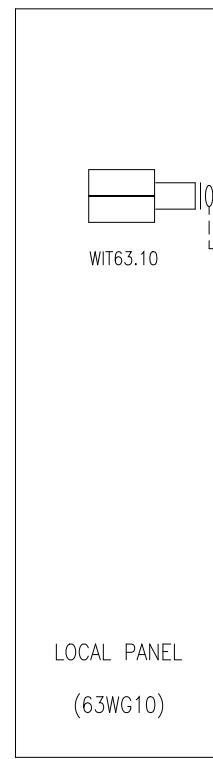
D

E

E

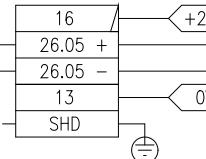
F

F



Panel: CAB.2

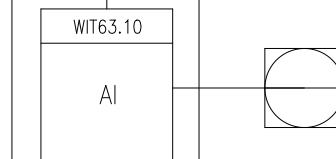
Term: TB4



	FLEX I/O	AI4
	NODE	2
A10	MODULE	7
B26	ADDRESS	26
	CHANNEL	05
		WIT63.10

LOCAL PANEL
(63WG10)

REMARKS



UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



WEIGHT TRANSMITTER WIT63.10
drawing's title:

Doc. 08039LD03

=

+

Job: 1E35 dwg. 1E35.85.1002

sheet 473
474 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room

Instruments

Junction box

Cabinet

Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

A

B

B

C

C

D

D

E

E

F

F



WEIGHT

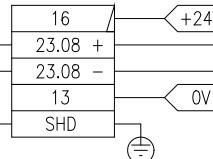
SHIELD BEND
BACK & TAPE

SET POINT

SHIELD BEND
BACK & TAPELOCAL PANEL
KC64WG2

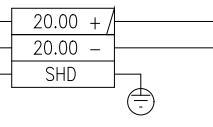
Panel: CAB.2

Term: TB4



Panel: CAB.1

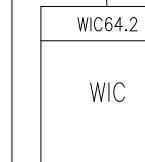
Term: TB5



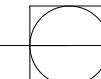
6(2x1,5sh)sh (*)

	FLEX I/O	AI1
	NODE	2
B19	MODULE	4
C37	ADDRESS	23
	CHANNEL	08
		WIT64.2

	FLEX I/O	A01
	NODE	2
A0	MODULE	1
B17	ADDRESS	20
	CHANNEL	00
		WU64.2



WIC



REMARKS

2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
			desig.	GC	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM

Rev. Revision Date Name stand. SPAC91

SABIZ PLANT



DOSING BELT 64WG2

drawing's title:

Doc. 08039LD03

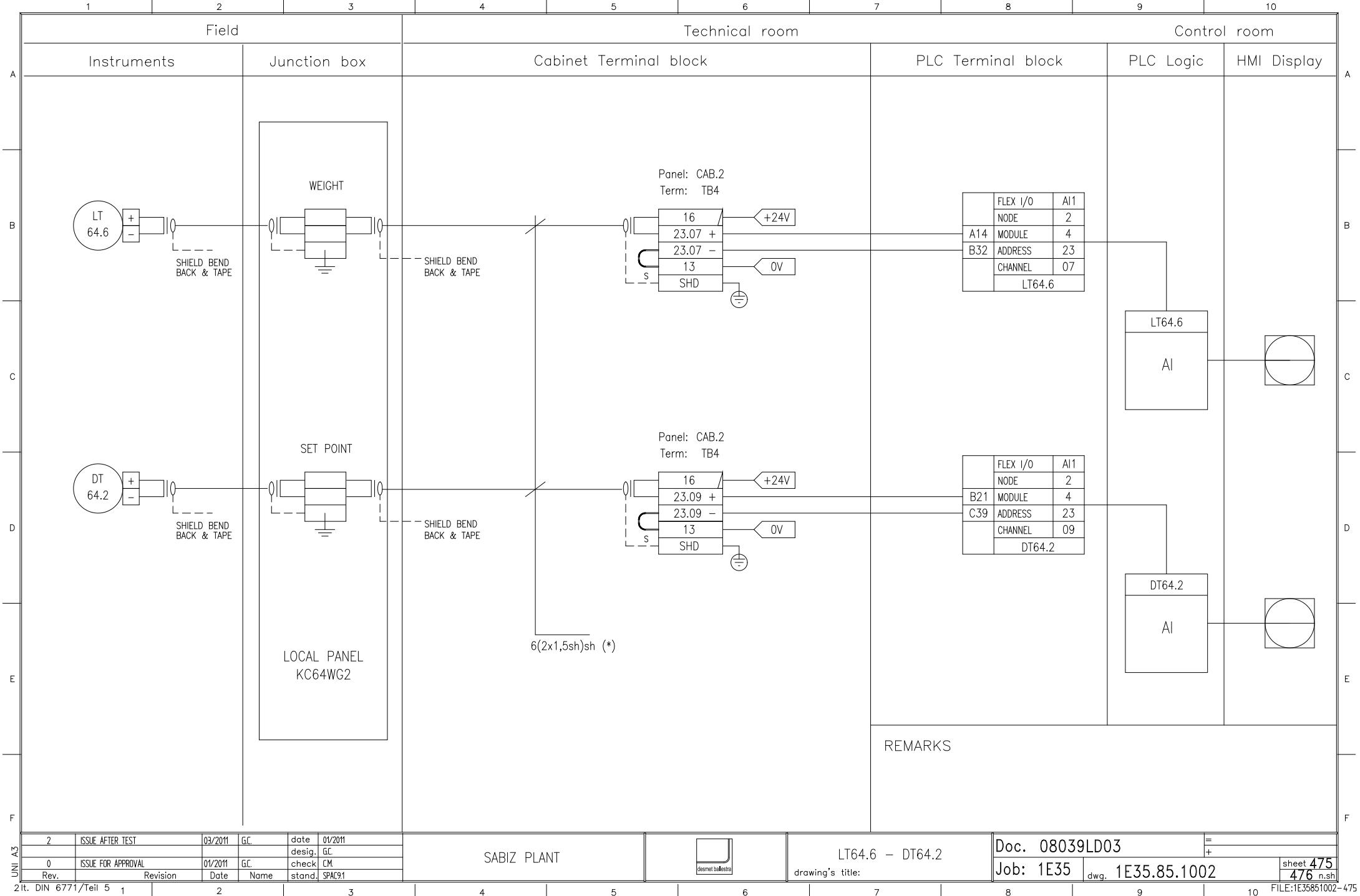
=

+

sheet 474

Job: 1E35 dwg. 1E35.85.1002

475 n.sh



1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room

Instruments

Junction box

Cabinet

Terminal block

PLC

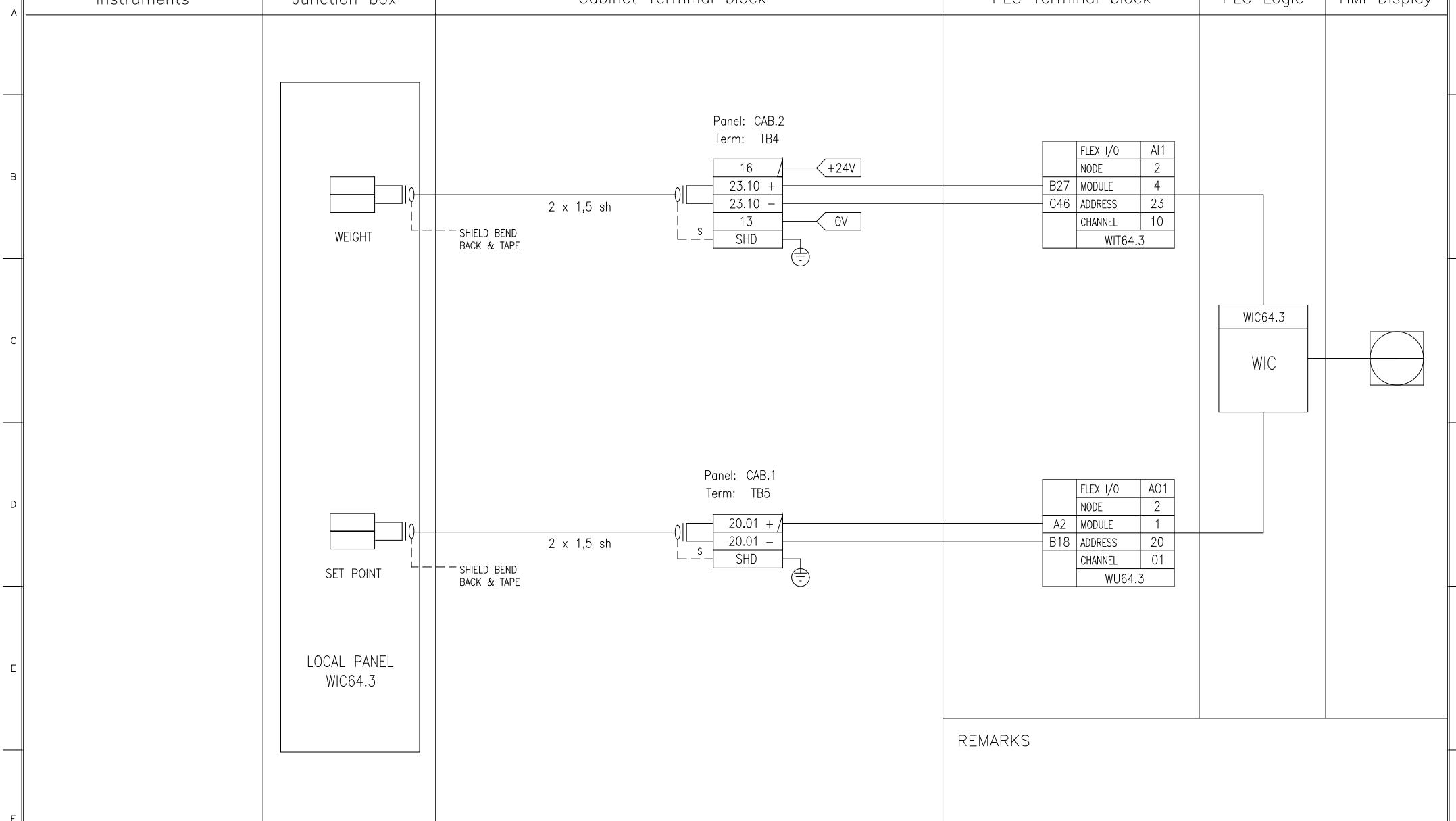
Terminal block

PLC

Logic

HMI

Display



UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



DOSING BELT 64WG3

drawing's title:

Doc. 08039LD03

Job: 1E35

dwg. 1E35.85.1002

sheet 476

477 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room

Instruments

Junction box

Cabinet

Terminal block

PLC

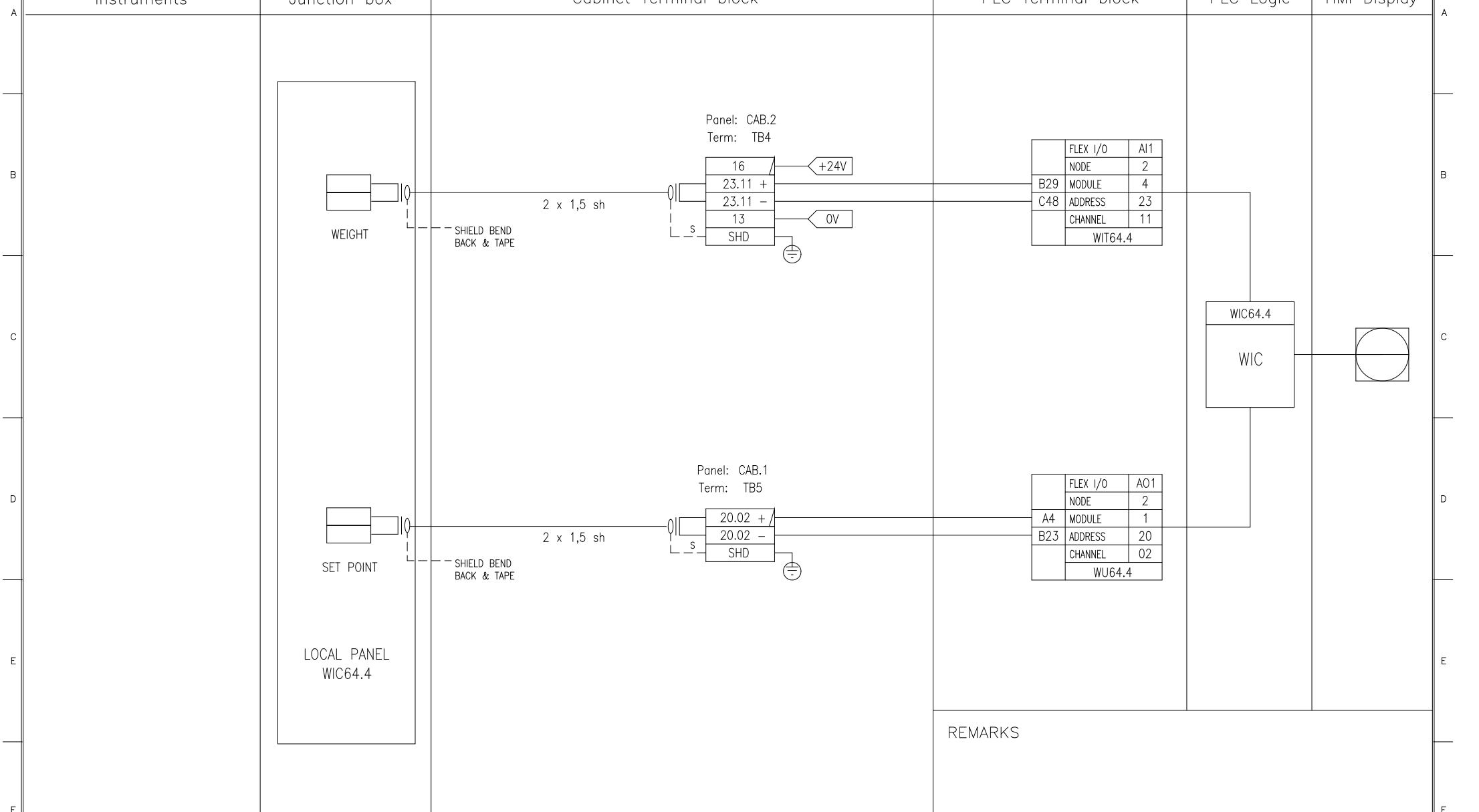
Terminal block

PLC

Logic

HMI

Display



UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



DOSING BELT 64WG4

drawing's title:

Doc. 08039LD03

=

+

sheet 477

Job: 1E35 dwg. 1E35.85.1002

478 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room

Instruments

Junction box

Cabinet

Terminal block

PLC

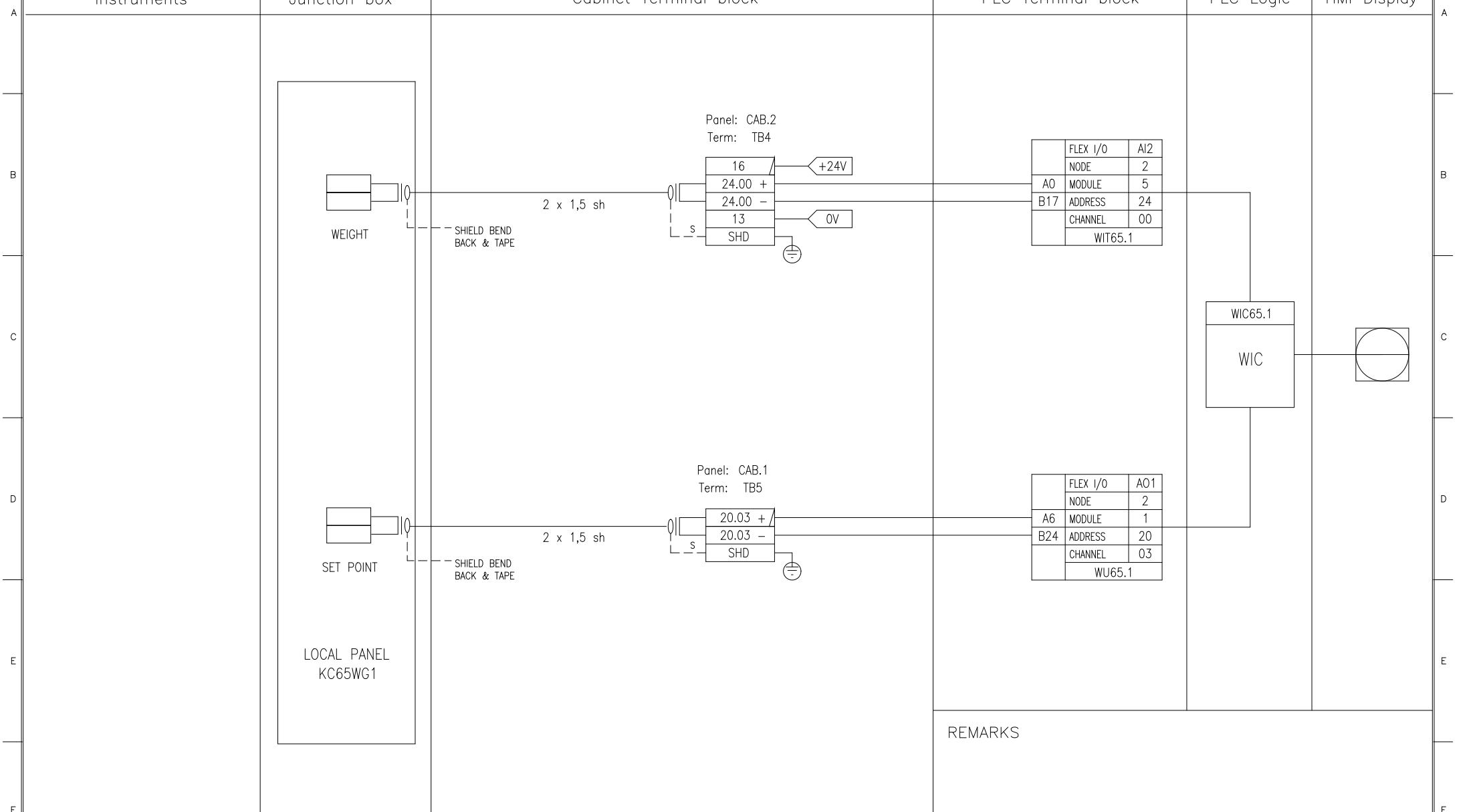
Terminal block

PLC

Logic

HMI

Display



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
			desig.	GL	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM

Rev. Revision Date Name stand. SPAC91

SABIZ PLANT



DOSING BELT 65WG1

drawing's title:

Doc. 08039LD03

Job: 1E35

dwg. 1E35.85.1002

sheet 478
479 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room

Instruments

Junction box

Cabinet

Terminal block

PLC

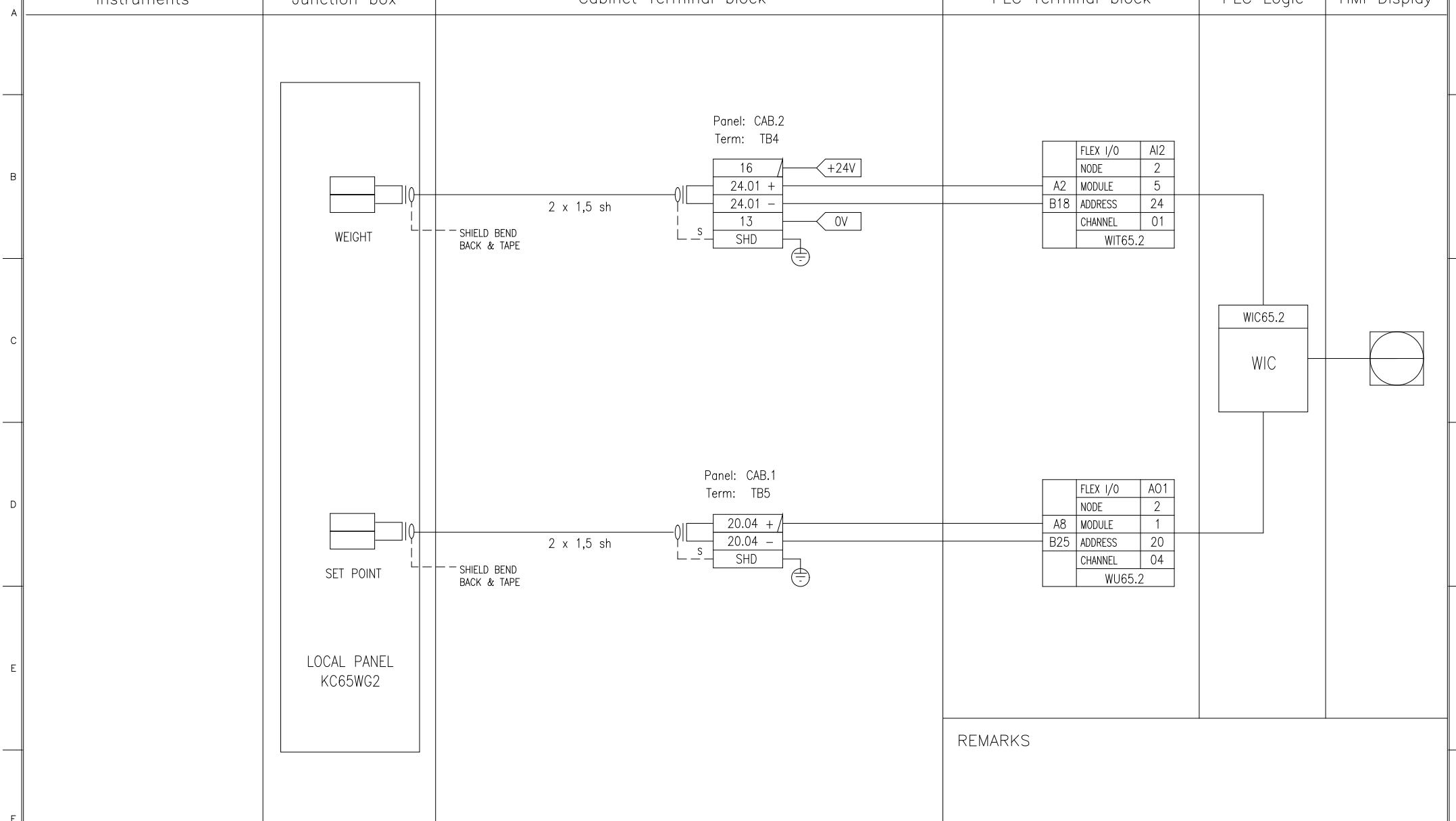
Terminal block

PLC

Logic

HMI

Display



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
			desig.	GC	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM

Rev. Revision Date Name stand. SPAC91

SABIZ PLANT



DOSING BELT 65WG2

drawing's title:

Doc. 08039LD03

=

+

sheet 479

480 n.sh

480 n.sh

FILE:1E35851002-479

2it. DIN 6771/Teil 5 1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room

Instruments

Junction box

Cabinet

Terminal block

PLC

Terminal block

PLC

Logic

HMI

Display

A

A

B

B

C

C

D

D

E

E

F

F



WEIGHT

SET POINT

LOCAL PANEL
KC65WG3

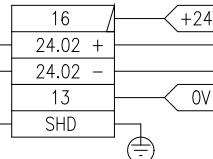
2 x 1,5 sh

2 x 1,5 sh

SHIELD BEND
BACK & TAPESHIELD BEND
BACK & TAPE

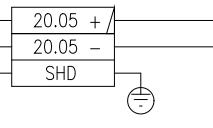
Panel: CAB.2

Term: TB4



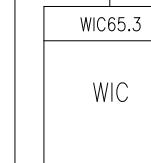
Panel: CAB.1

Term: TB5

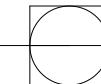


	FLEX I/O	AI2
A4	NODE	2
B23	MODULE	5
	ADDRESS	24
	CHANNEL	02
		WIT65.3

	FLEX I/O	A01
A10	NODE	2
B26	MODULE	1
	ADDRESS	20
	CHANNEL	05
		WU65.3



WIC



REMARKS

2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
			desig.	GC	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM

Rev. Revision Date Name stand. SPAC91

SABIZ PLANT



DOSING BELT 65WG3

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 480
481 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room

Instruments

Junction box

Cabinet

Terminal block

PLC

Terminal block

PLC

Logic

HMI

Display

A

A

B

B

C

C

D

D

E

E

F

F

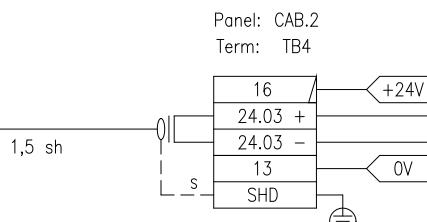


WEIGHT

2 x 1,5 sh



SET POINT

LOCAL PANEL
KC65WG4SHIELD BEND
BACK & TAPE

2 x 1,5 sh



SET POINT

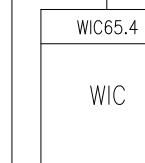
LOCAL PANEL
KC65WG4SHIELD BEND
BACK & TAPE

Panel: CAB.1
Term: TB5

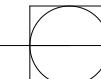
2 x 1,5 sh

	FLEX I/O	AI2
	NODE	2
A6	MODULE	5
B24	ADDRESS	24
	CHANNEL	03
		WIT65.4

	FLEX I/O	A01
	NODE	2
A12	MODULE	1
B31	ADDRESS	20
	CHANNEL	06
		WU65.4



WIC



REMARKS

2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
			desig.	GC	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM

Rev. Revision Date Name stand. SPAC91

SABIZ PLANT



L.I.W. 65WG4

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 481
482 n.sh

1

Field

2

3

4

5

6

7

8

9

10

Technical room

Control room

Instruments

Junction box

Cabinet

Terminal block

PLC

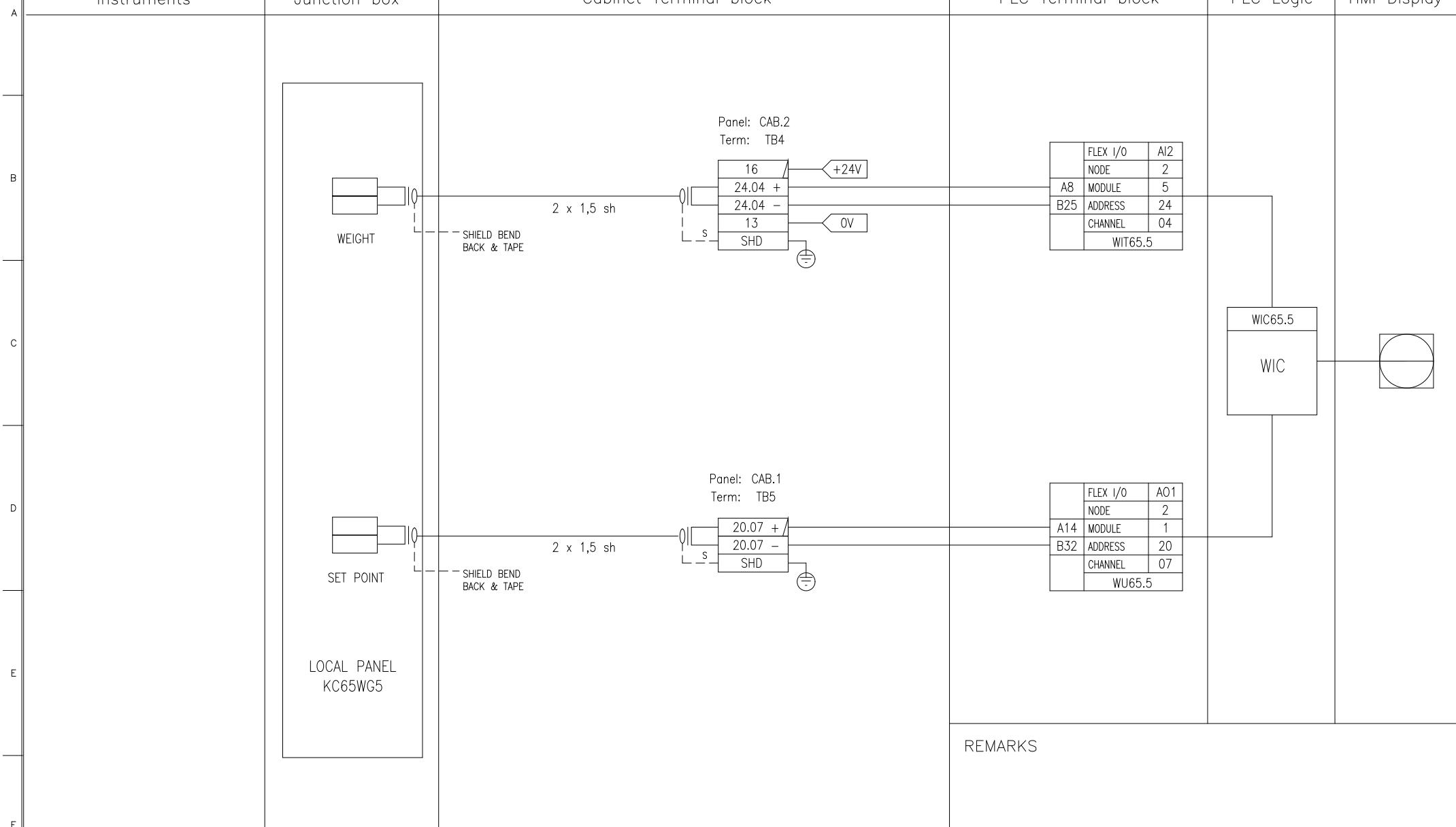
Terminal block

PLC

Logic

HMI

Display



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
			desig.	GC	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM

Rev. Revision Date Name stand. SPAC91

SABIZ PLANT



L.I.W. 65WG5

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

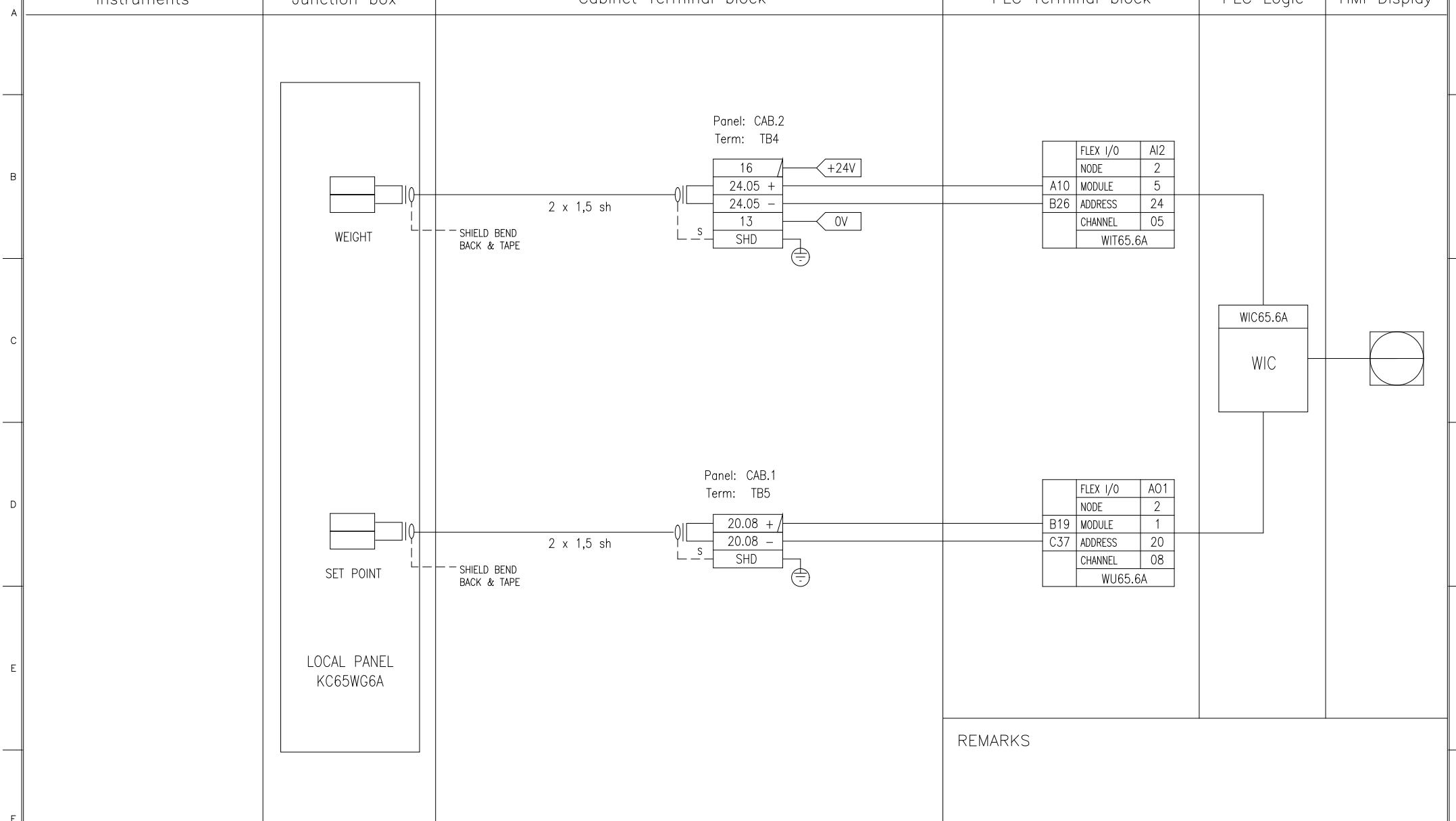
sheet 482
483 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
			desig.	GC	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM

Rev. Revision Date Name stand. SPAC91

SABIZ PLANT



L.I.W. 65WG6A

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

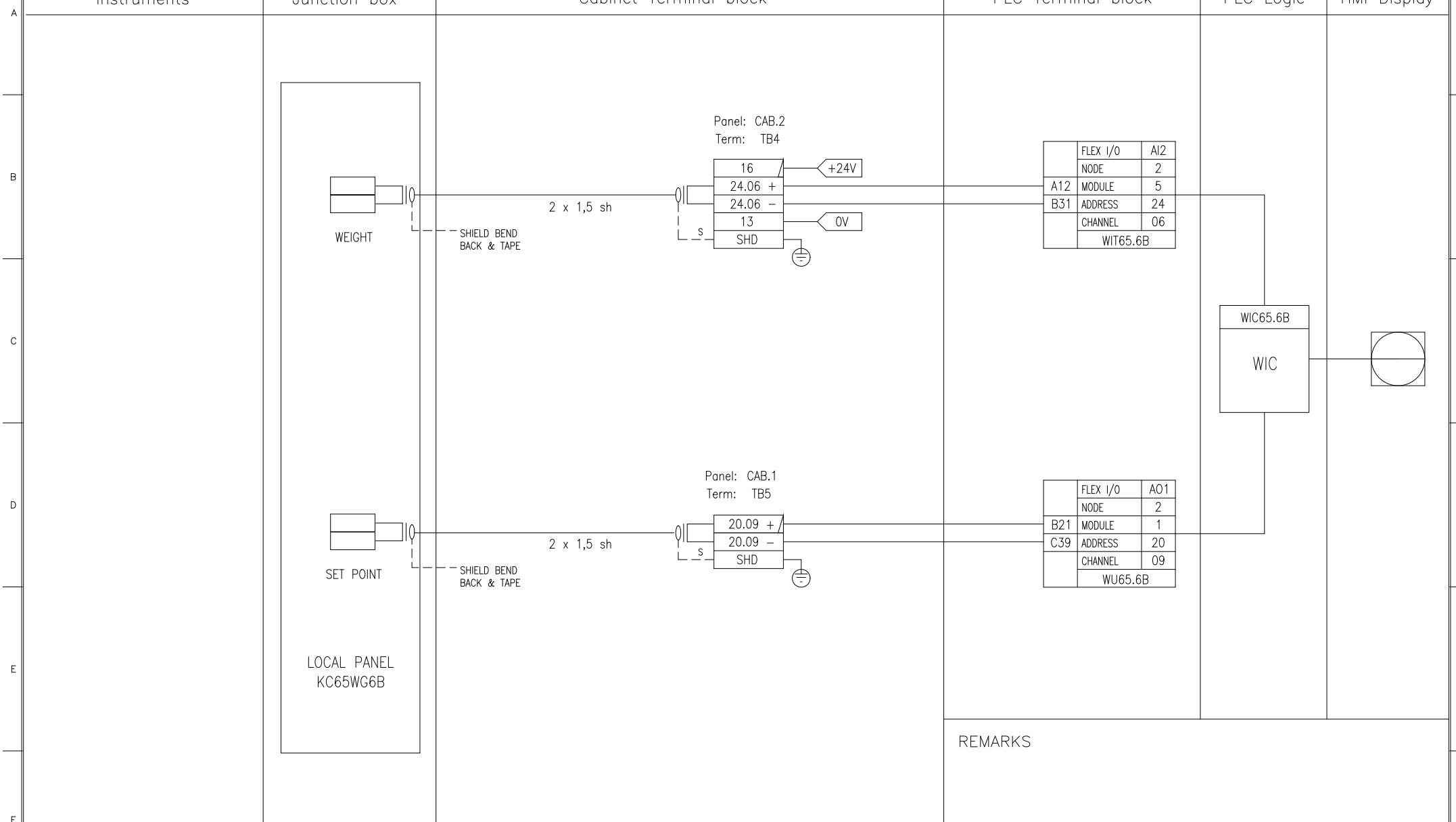
sheet 483
484 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



L.I.W. 65WG6B

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

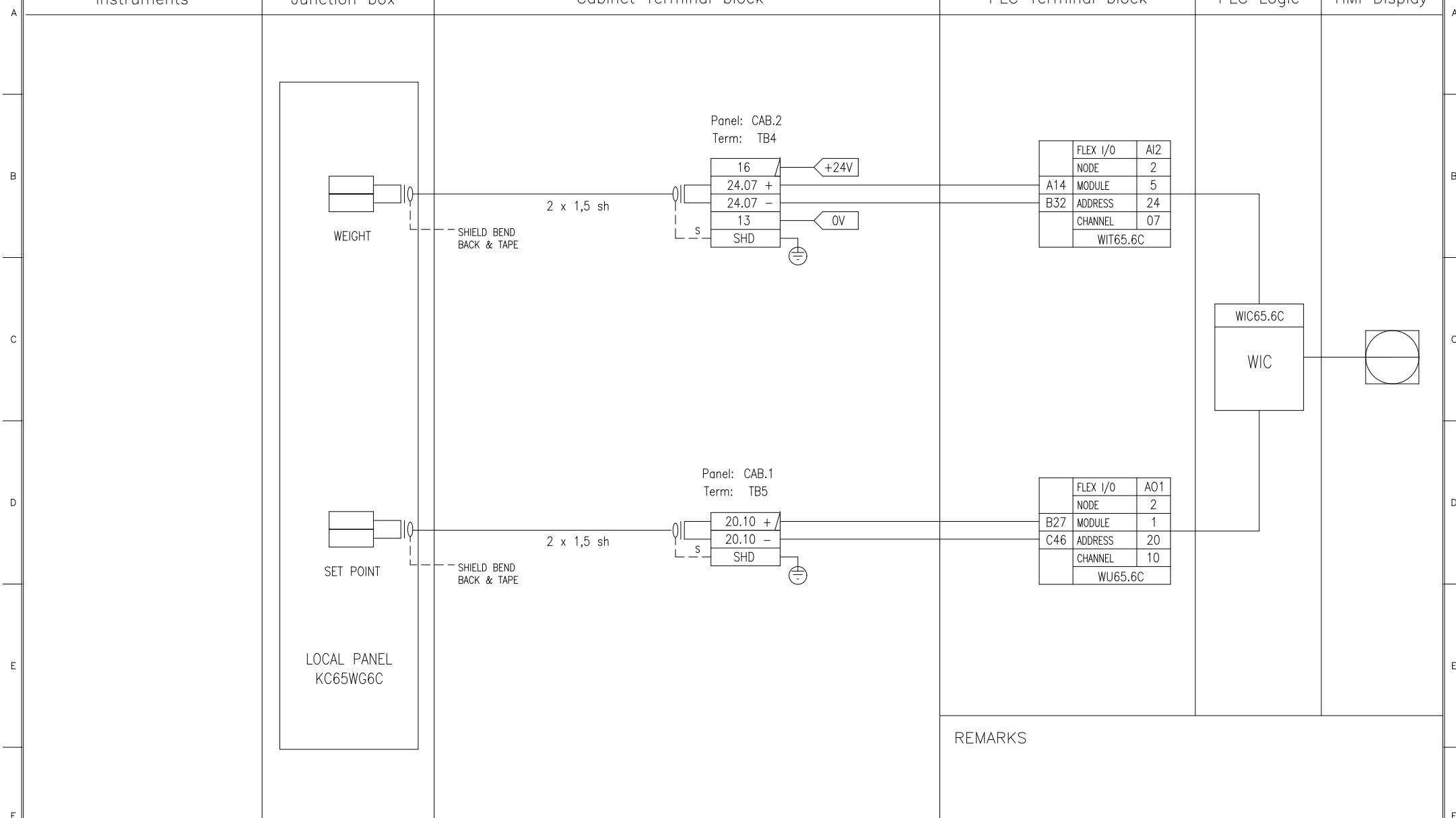
sheet 484
485 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
			desig.	GL	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM

Rev. Revision Date Name stand. SPAC91

SABIZ PLANT



L.I.W. 65WG6C

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 485
486 n.sh

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

Field

Technical room

Control room

Instruments

Junction box

Cabinet

Terminal block

PLC

Terminal block

PLC

Logic

HMI

Display

A

A

B

B

C

C

D

D

E

E

F

F



WEIGHT

SET POINT

LOCAL PANEL
KC65WG6D

2 x 1,5 sh

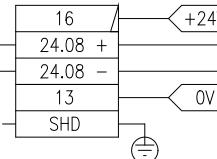
2 x 1,5 sh

SHIELD BEND
BACK & TAPE

SHIELD BEND
BACK & TAPE

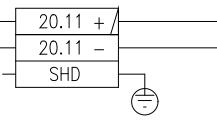
Panel: CAB.2

Term: TB4



Panel: CAB.1

Term: TB5



	FLEX I/O	AI2
B19	NODE	2
C37	MODULE	5
	ADDRESS	24
	CHANNEL	08
		WIT65.6D

	FLEX I/O	A01
B29	NODE	2
C48	MODULE	1
	ADDRESS	20
	CHANNEL	11
		WU65.6D

REMARKS

2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
			desig.	GC	
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM

Rev. Revision Date Name stand. SPAC91

SABIZ PLANT



L.I.W. 65WG6D

drawing's title:

Doc. 08039LD03

=

+

Job: 1E35

dwg. 1E35.85.1002

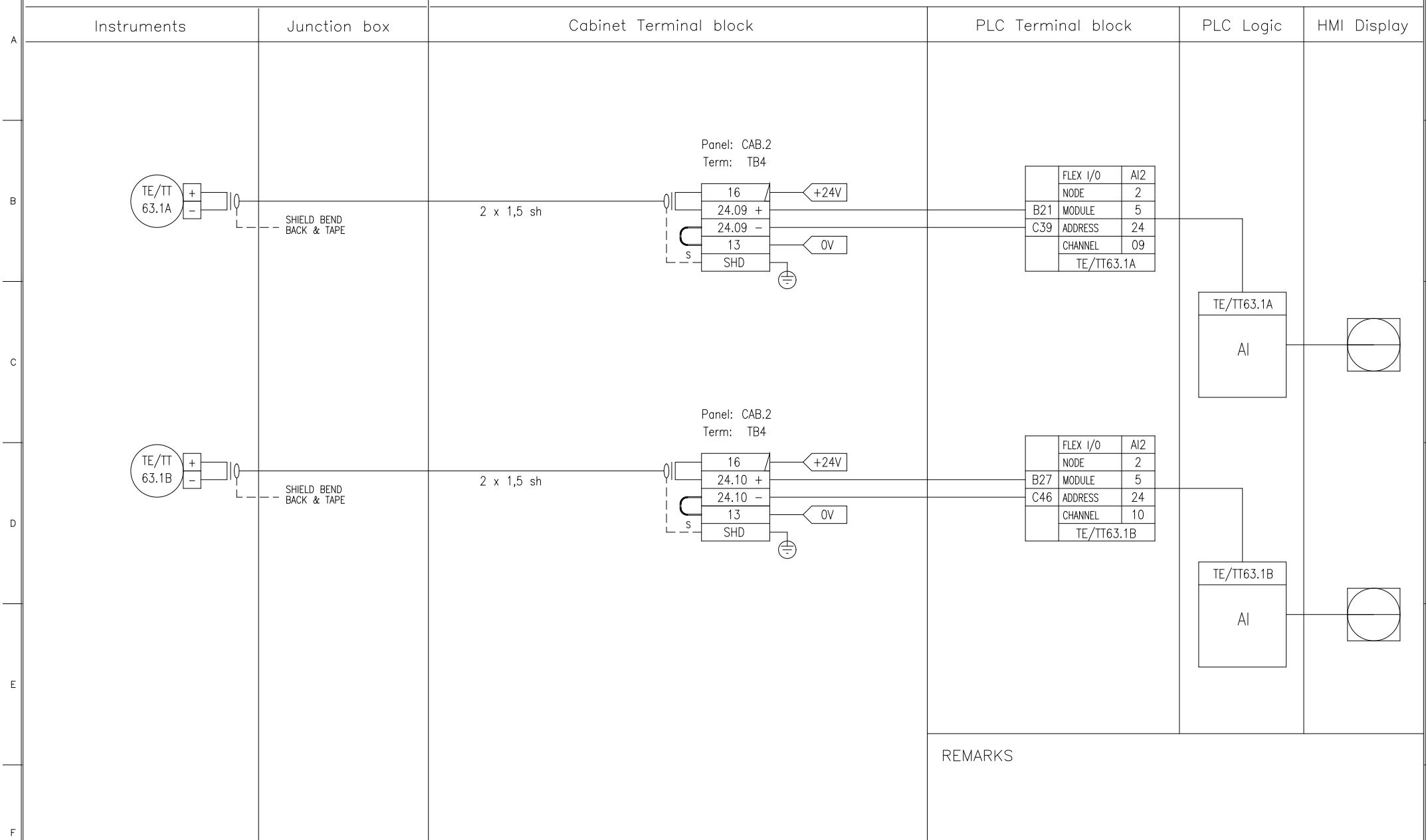
sheet 486
487 n.sh

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

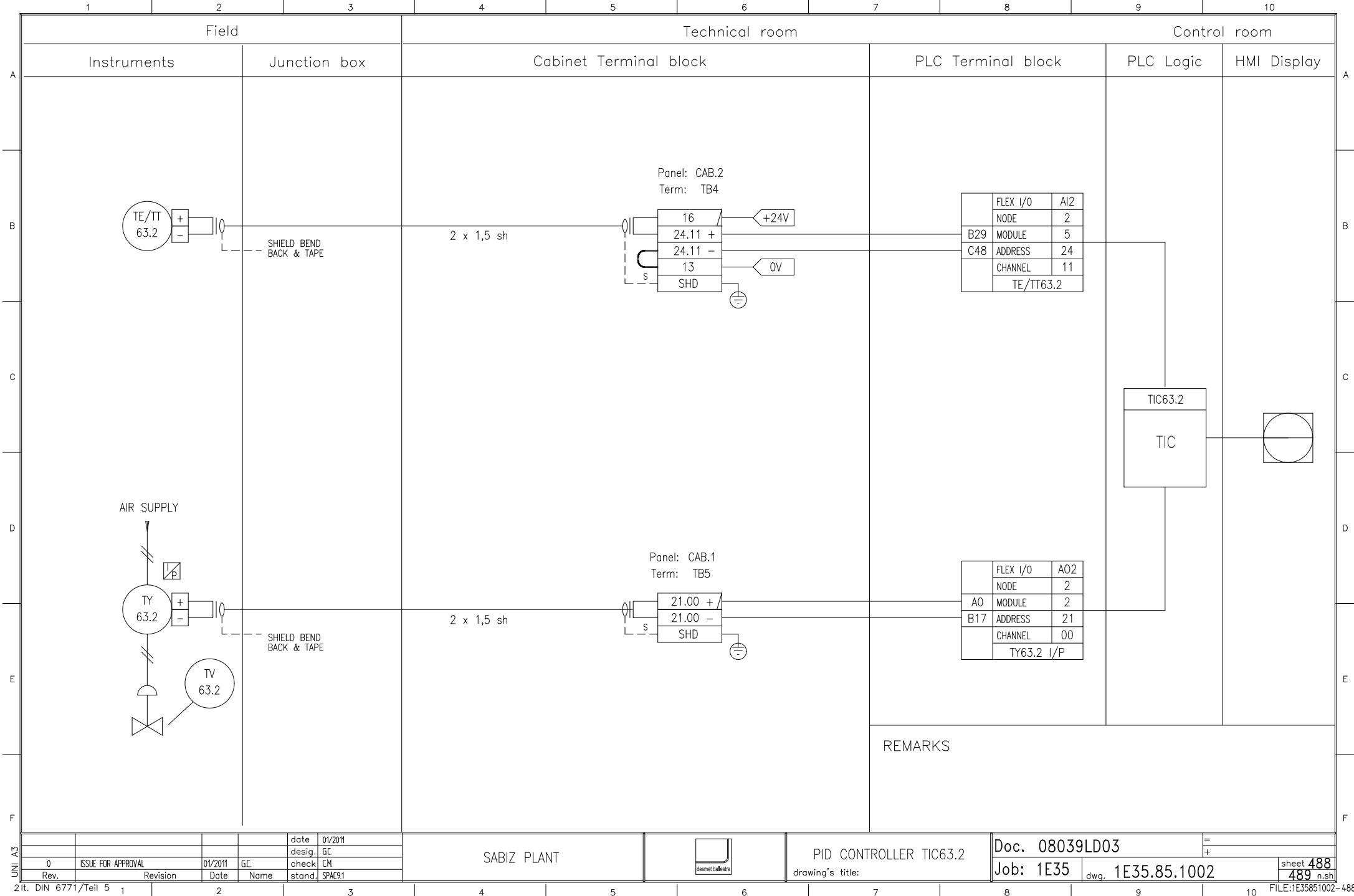
Field

Technical room

Control room



UNI A3				date 01/2011			Doc. 08039LD03	=
				desig. GL				+
0	ISSUE FOR APPROVAL	01/2011	GC	check CM			Job: 1E35	dwg. 1E35.85.1002
Rev.	Revision	Date	Name	stand. SPAC91				sheet 487 488 n.sh

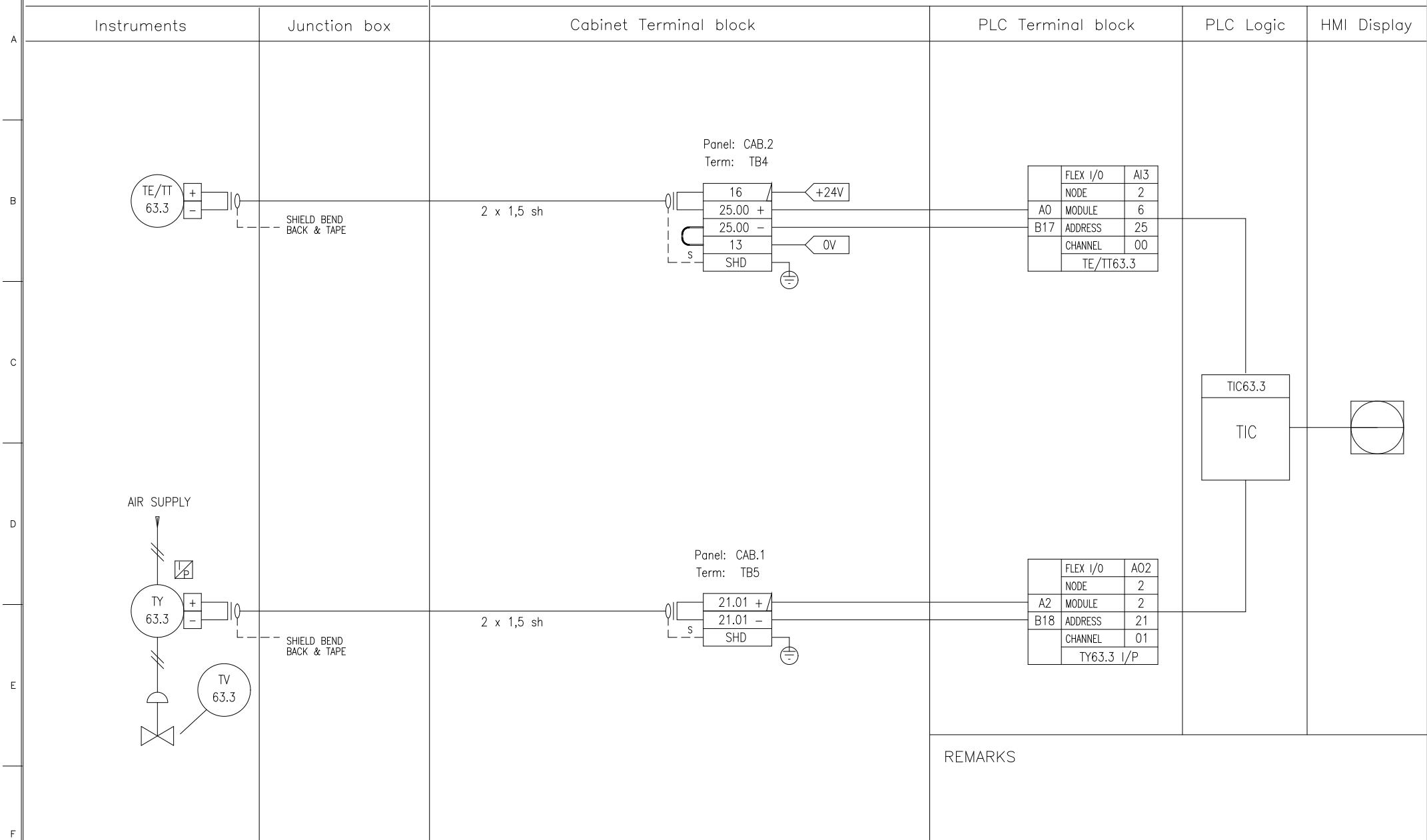


1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Field

Technical room

Control room



UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



PID CONTROLLER TIC63.3
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

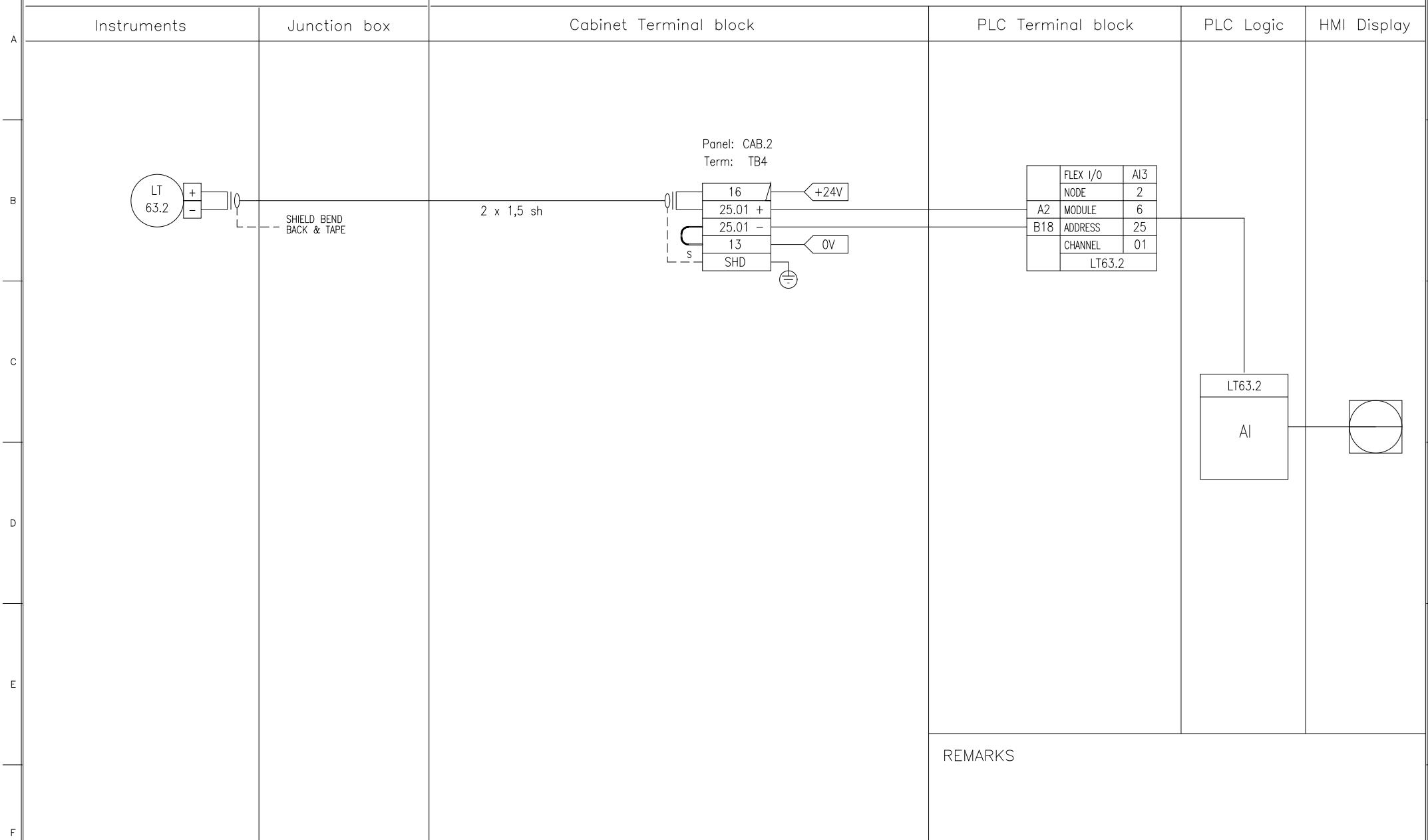
sheet 489
490 n.sh

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

Field

Technical room

Control room



				date	01/2011			Doc. 08039LD03	=
				desig.	GC				+
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM				
Rev.	Revision	Date	Name	stand.	SPAC91			Job: 1E35	sheet 490
2it. DIN 6771/Teil 5 1	2	3	4	5	6	7	8	dwg. 1E35.85.1002	49 n.sh
SABIZ PLANT									



LEVEL TRANSMITTER LT63.2
drawing's title:

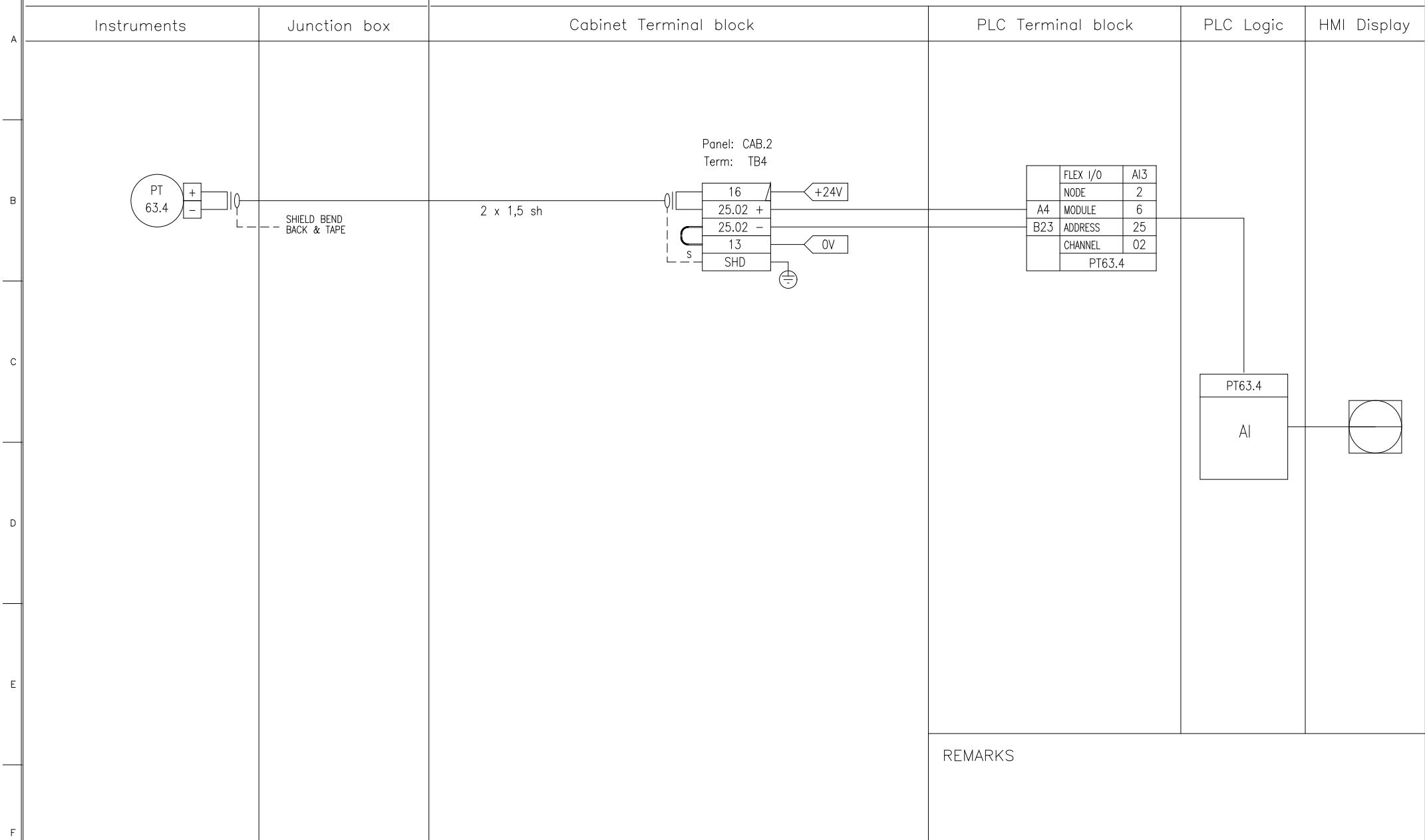
FILE:1E35851002-490

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

Field

Technical room

Control room



SABIZ PLANT



PRESSURE TRANSMITTER PT63.4
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

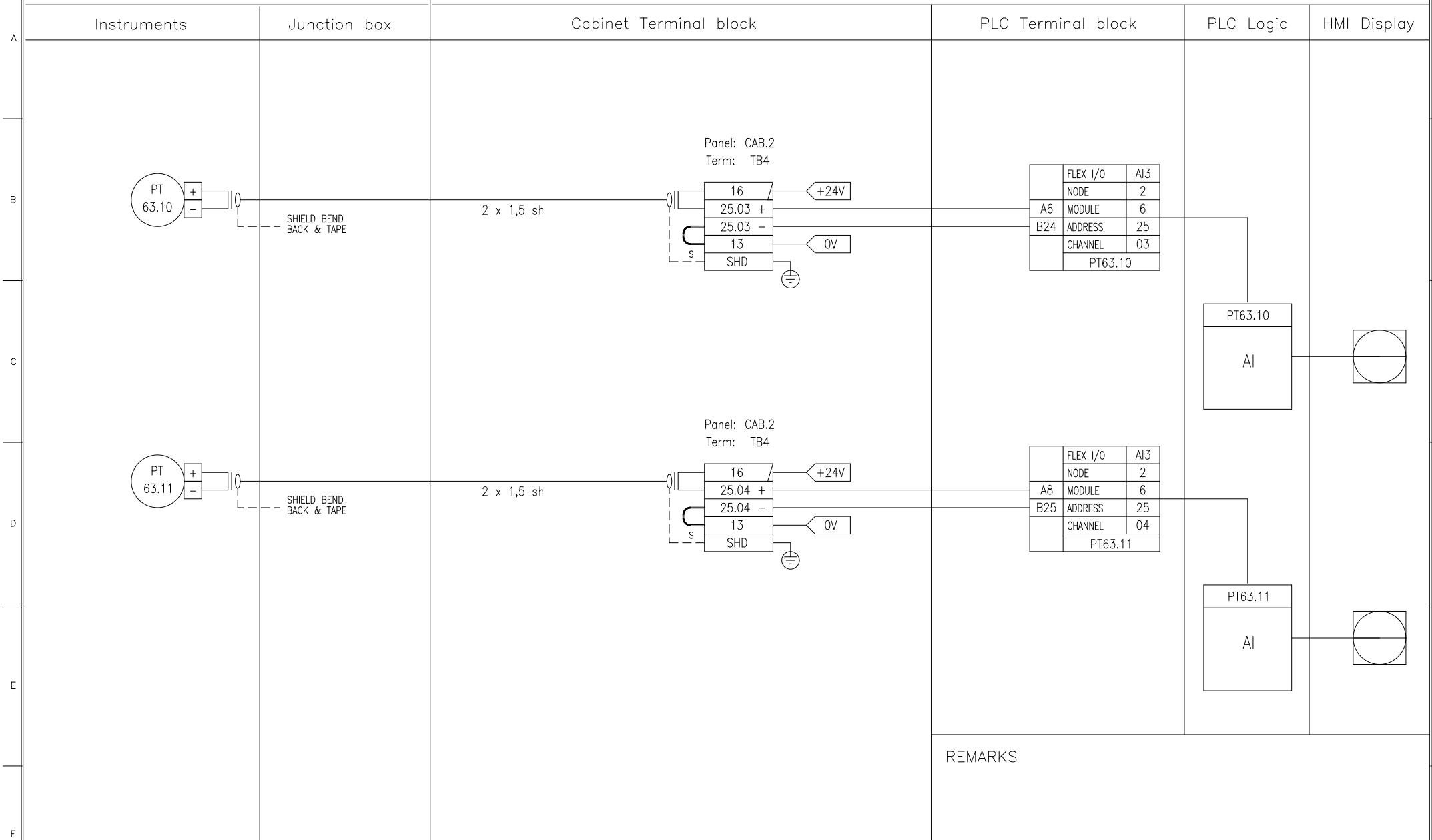
sheet 491
492 n.sh

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

Field

Technical room

Control room



UNI				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



PRESS. TRANSMITT. PT63.10, 11
drawing's title:

Doc. 08039LD03

=
+
Job: 1E35 dwg. 1E35.85.1002

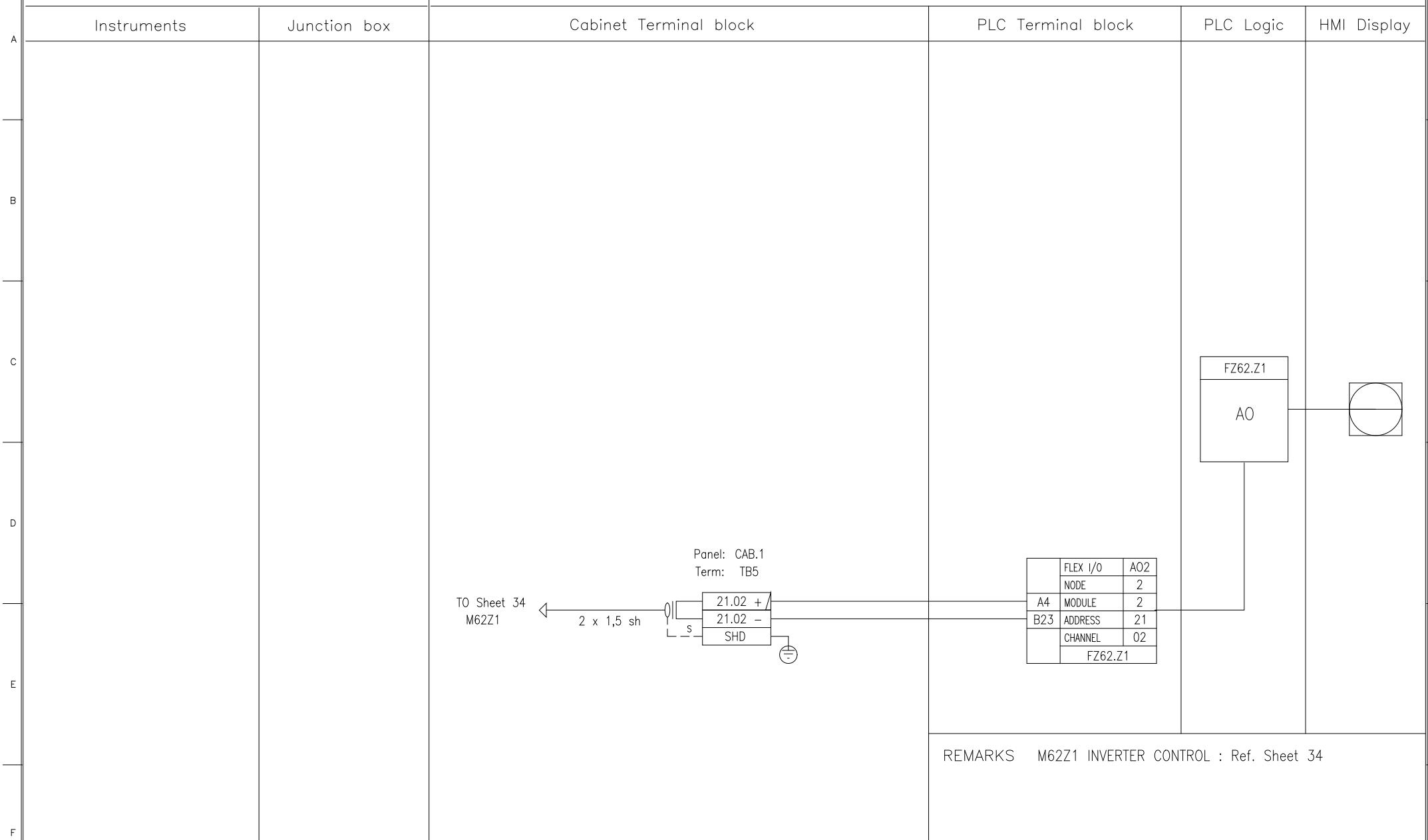
sheet 492
493 n.sh

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

Field

Technical room

Control room



UNI A3					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL		01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT



MOTOR CONTROL FZ62.Z1

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

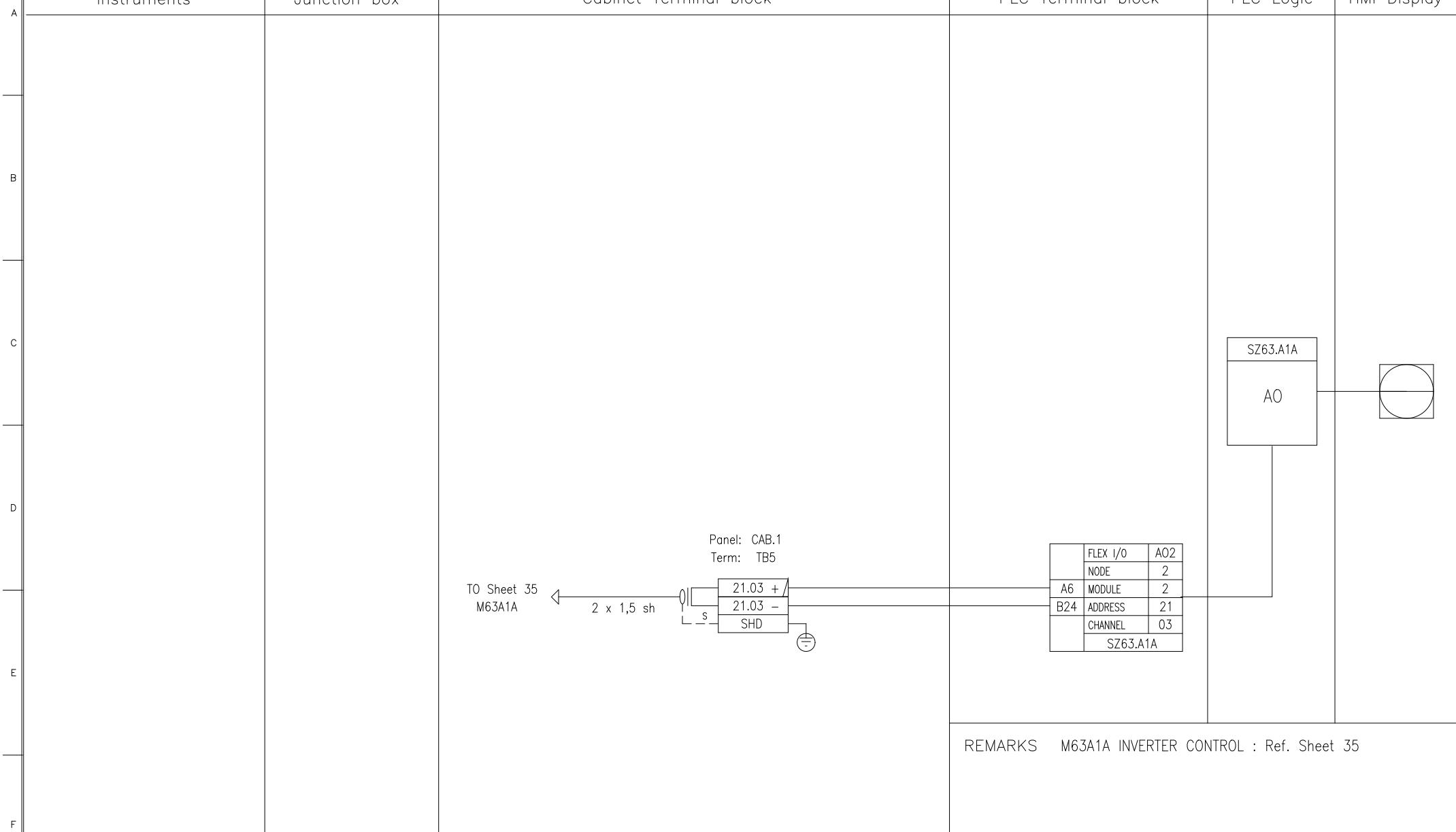
sheet 493
494 n.sh

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

Field

Technical room

Control room



UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



MOTOR CONTROL SZ63.A1A
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

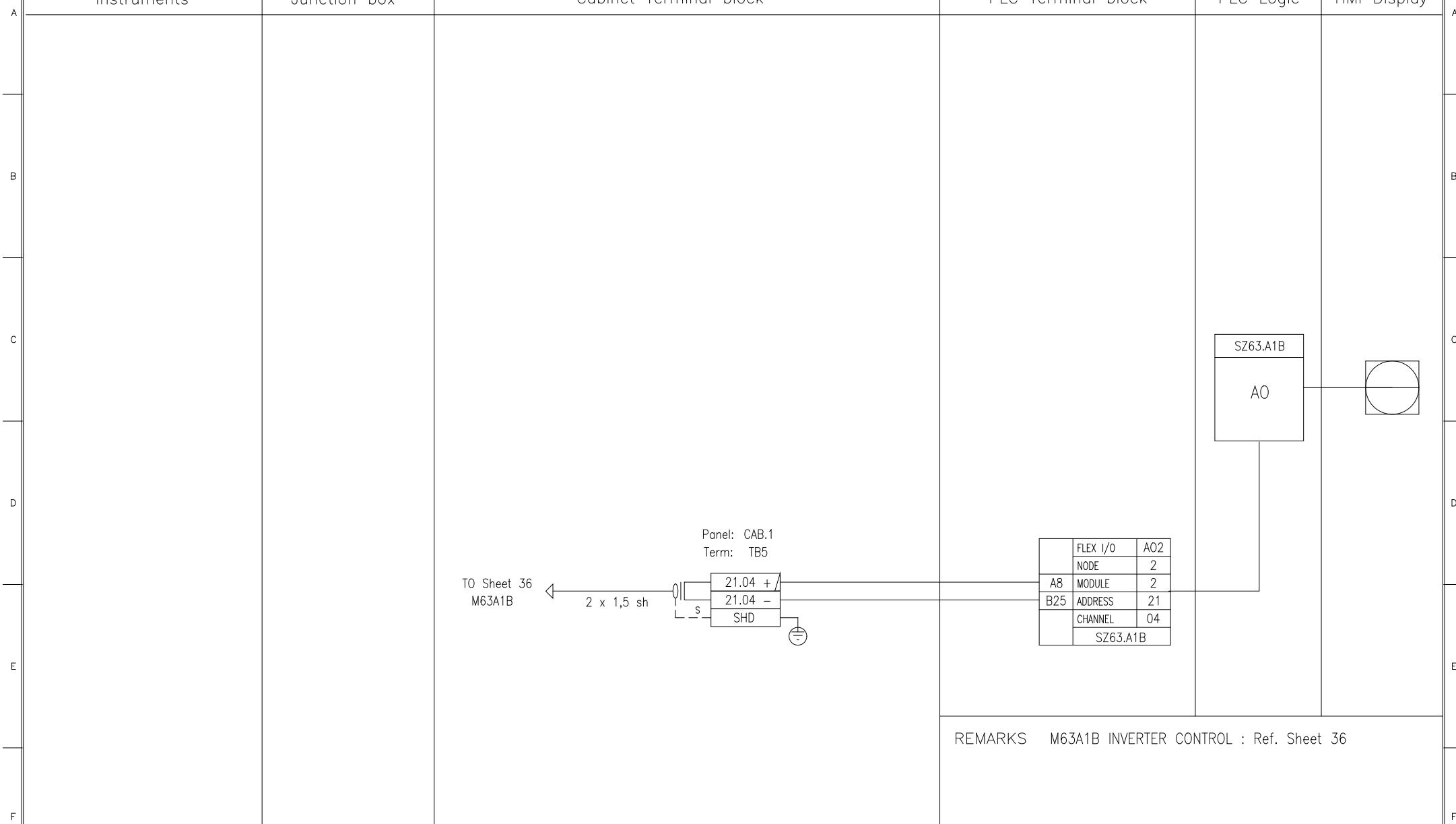
sheet 494
495 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT

MOTOR CONTROL SZ63.A1B
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

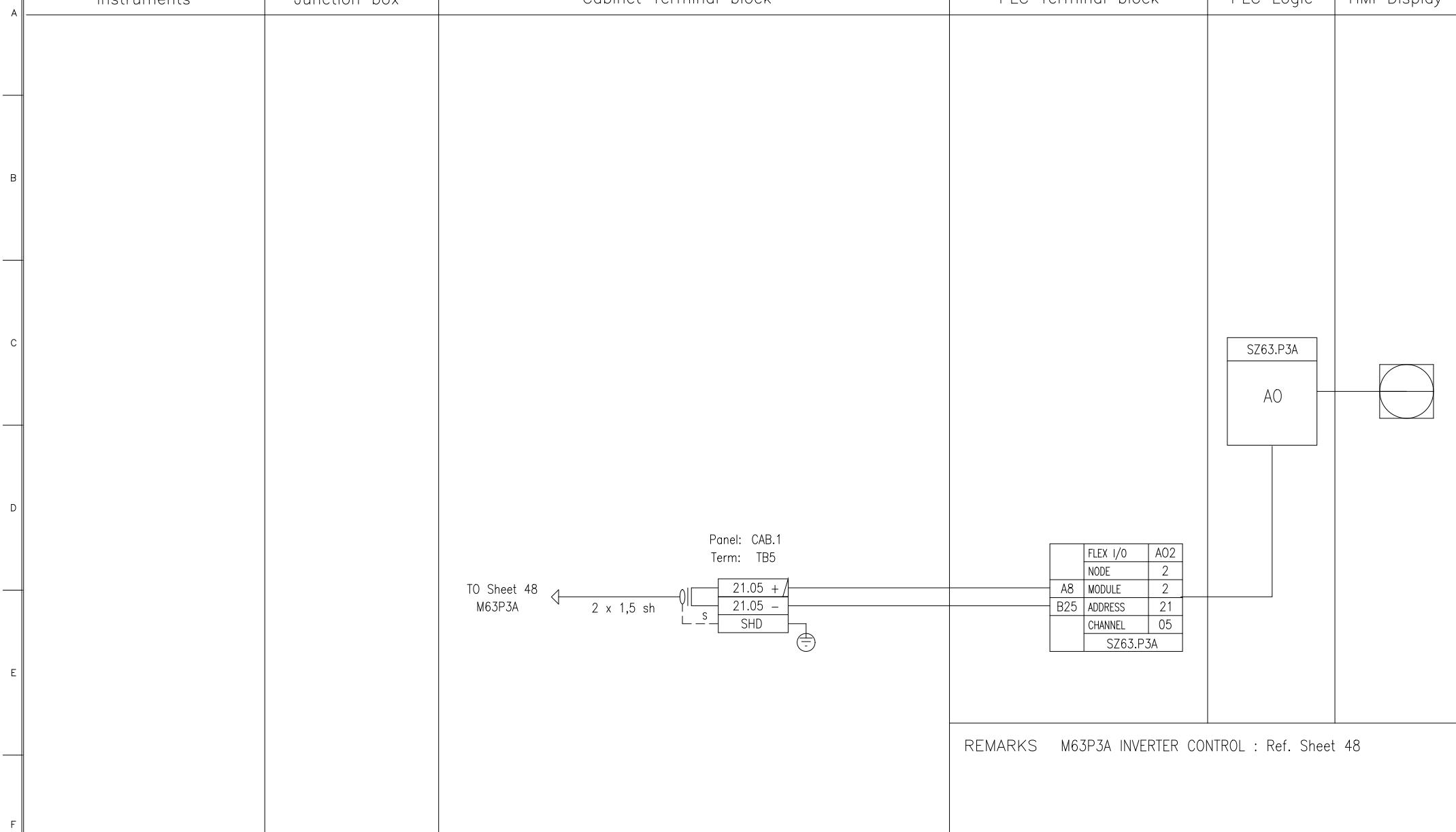
sheet 495
496 n.sh

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

Field

Technical room

Control room



UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



MOTOR CONTROL SZ63.P3A
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

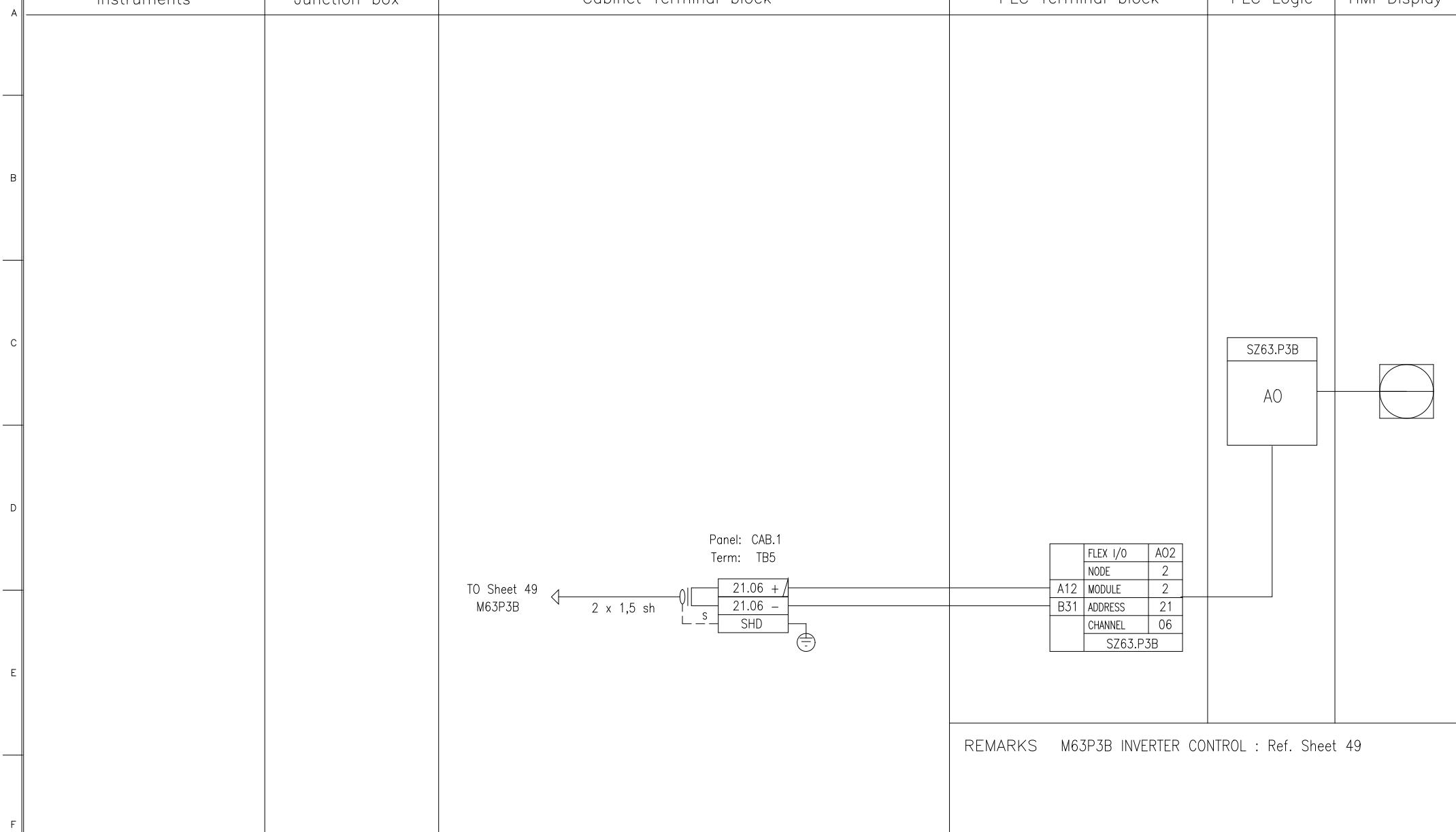
sheet 496
497 n.sh

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

Field

Technical room

Control room



UNI A3					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL		01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT



MOTOR CONTROL SZ63.P3B
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

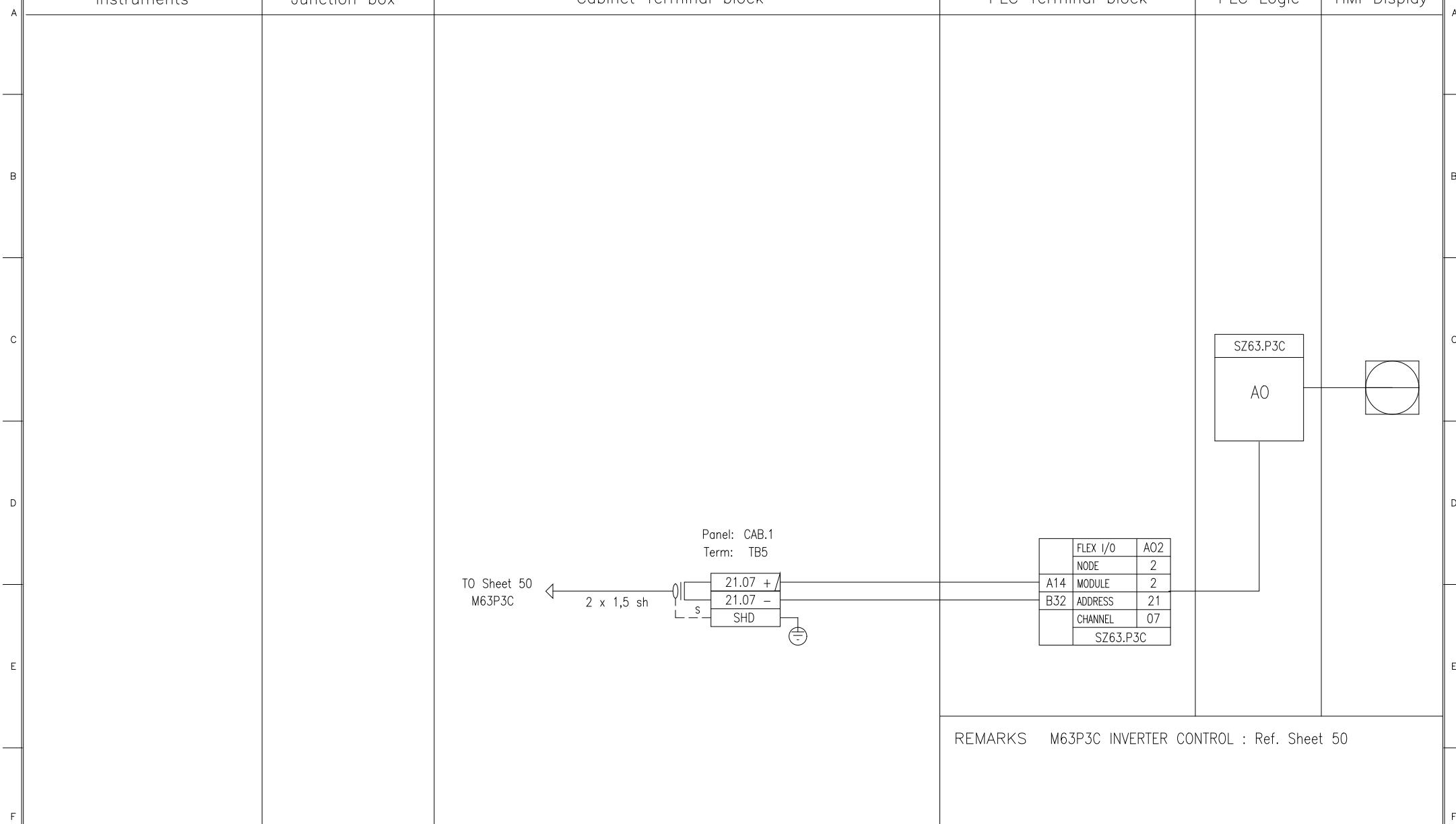
sheet 497
498 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



UNI A3					date 01/2011
					desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM	
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

MOTOR CONTROL SZ63.P3C
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

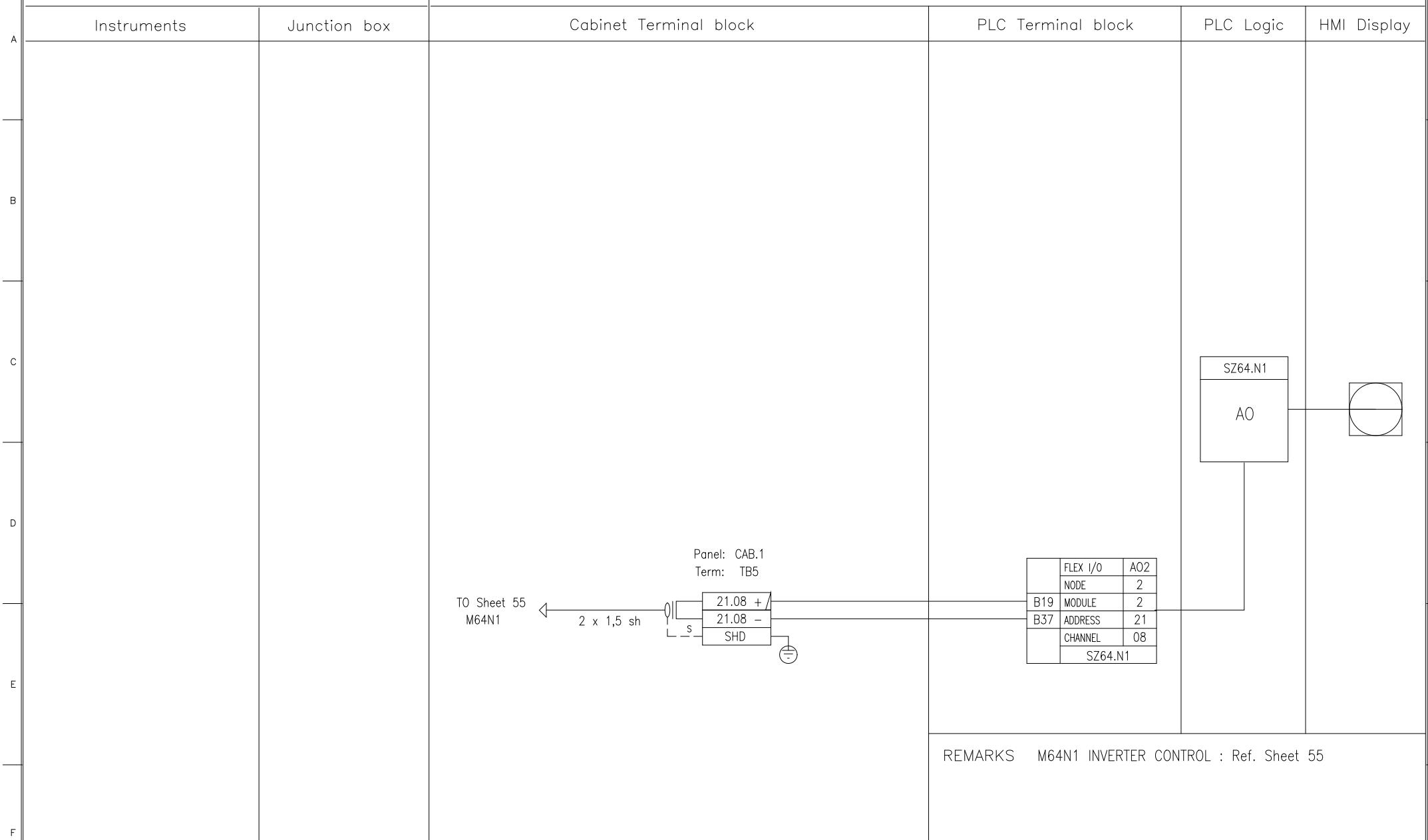
sheet 498
499 n.sh

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

Field

Technical room

Control room



UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



MOTOR CONTROL SZ64.N1

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

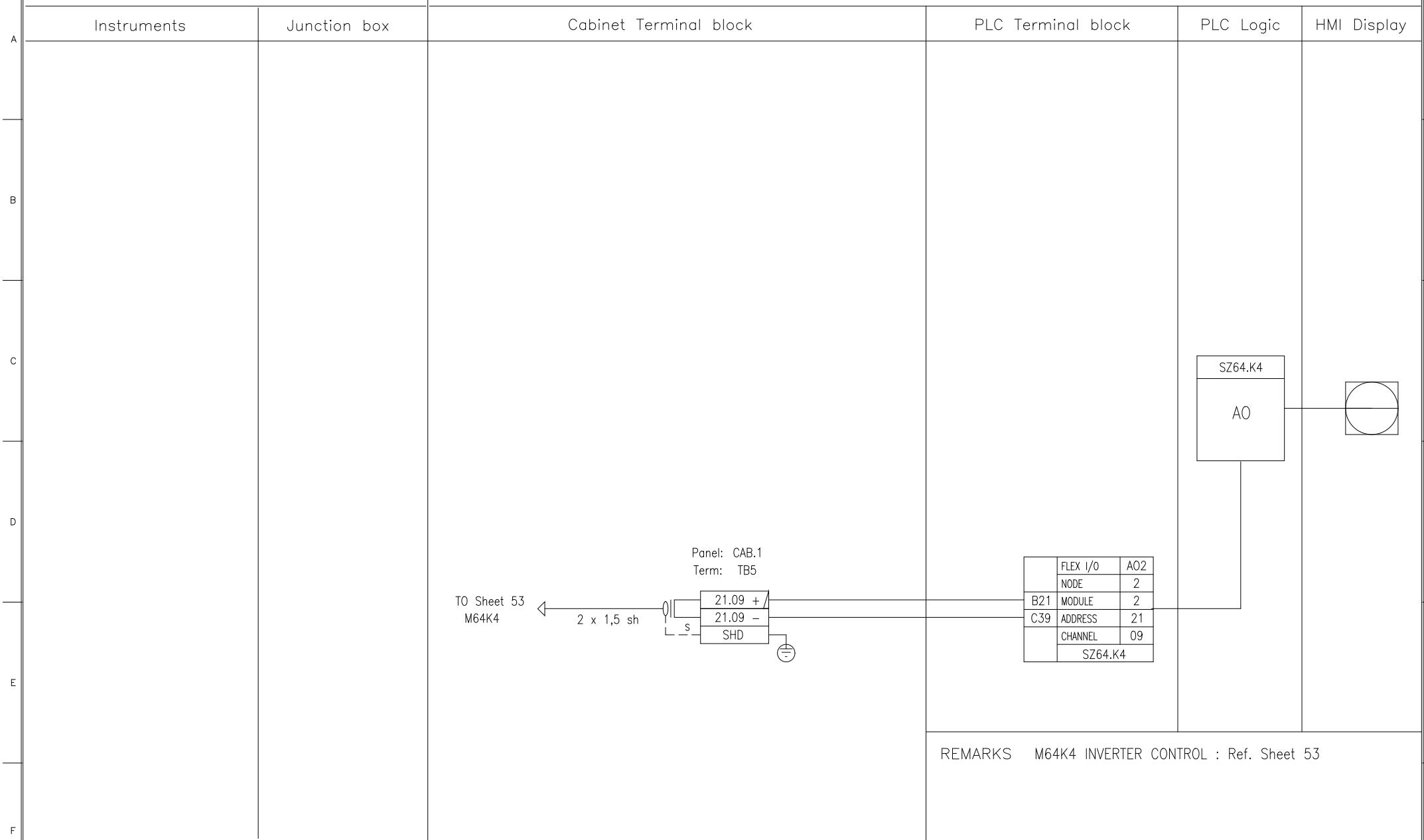
sheet 499
500 n.sh

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

Field

Technical room

Control room



UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

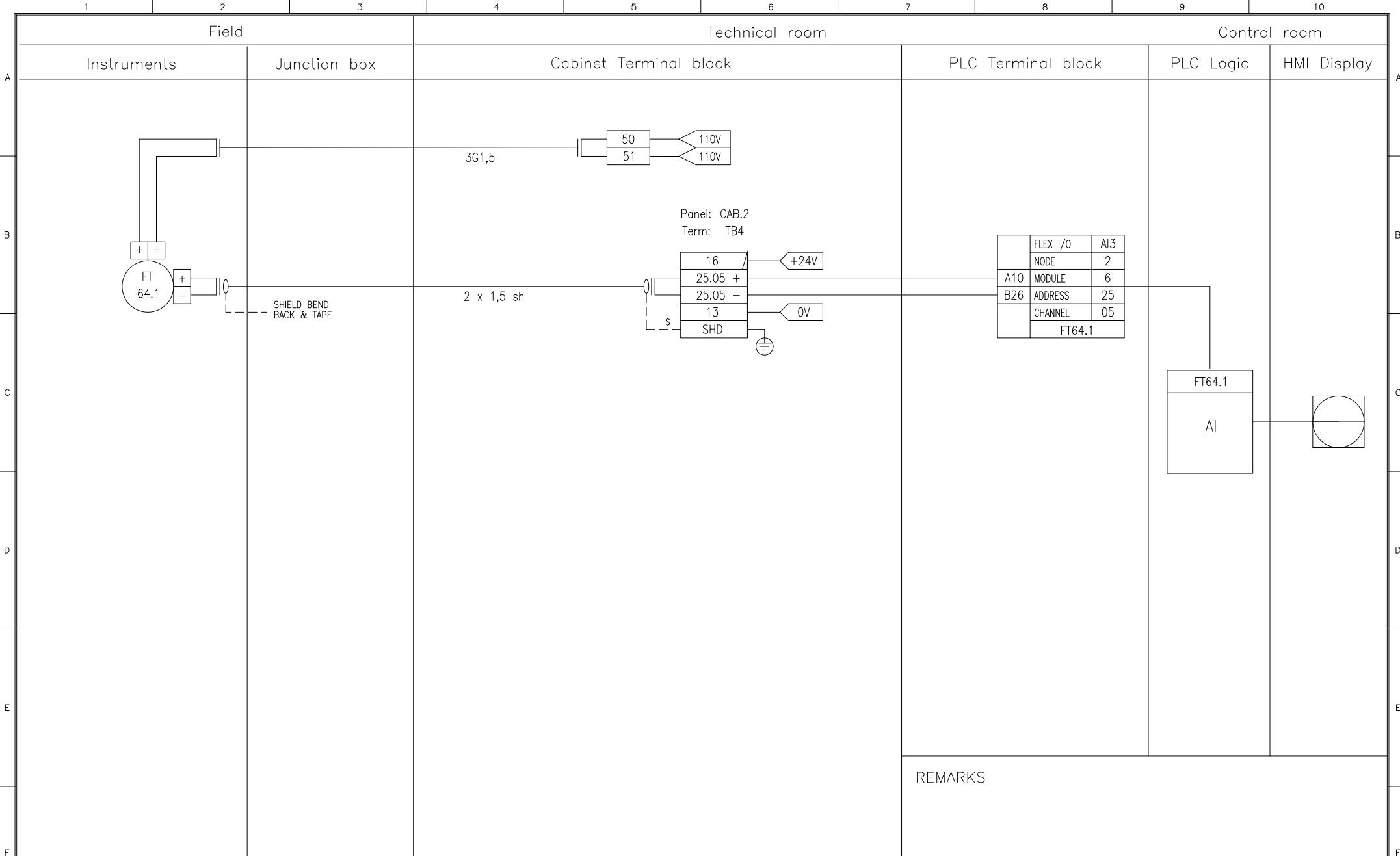


MOTOR CONTROL SZ64.K4
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 500
501 n.sh



UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



FLOW TRANSMITTER FT64.1
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

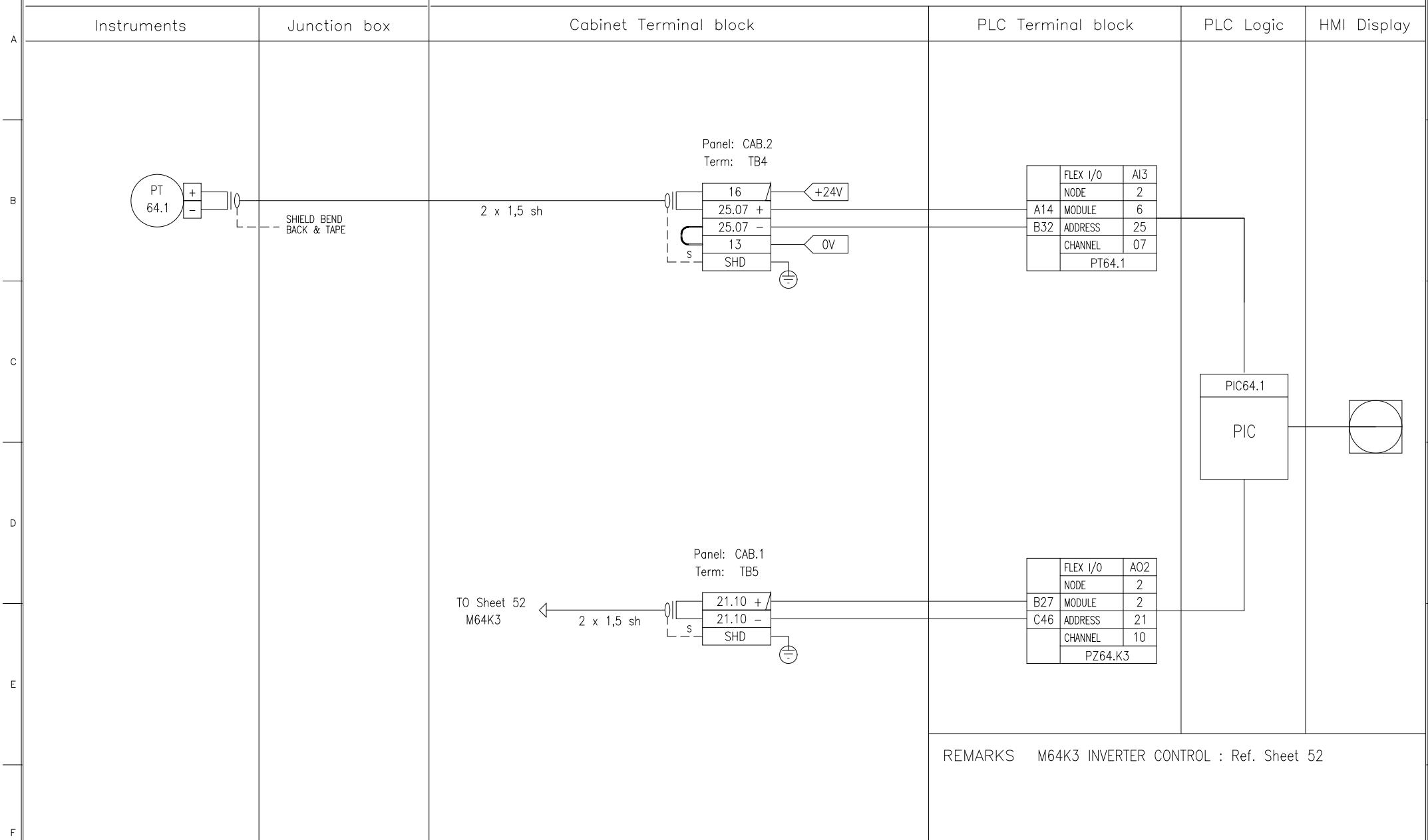
sheet 501
502 n.sh

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

Field

Technical room

Control room



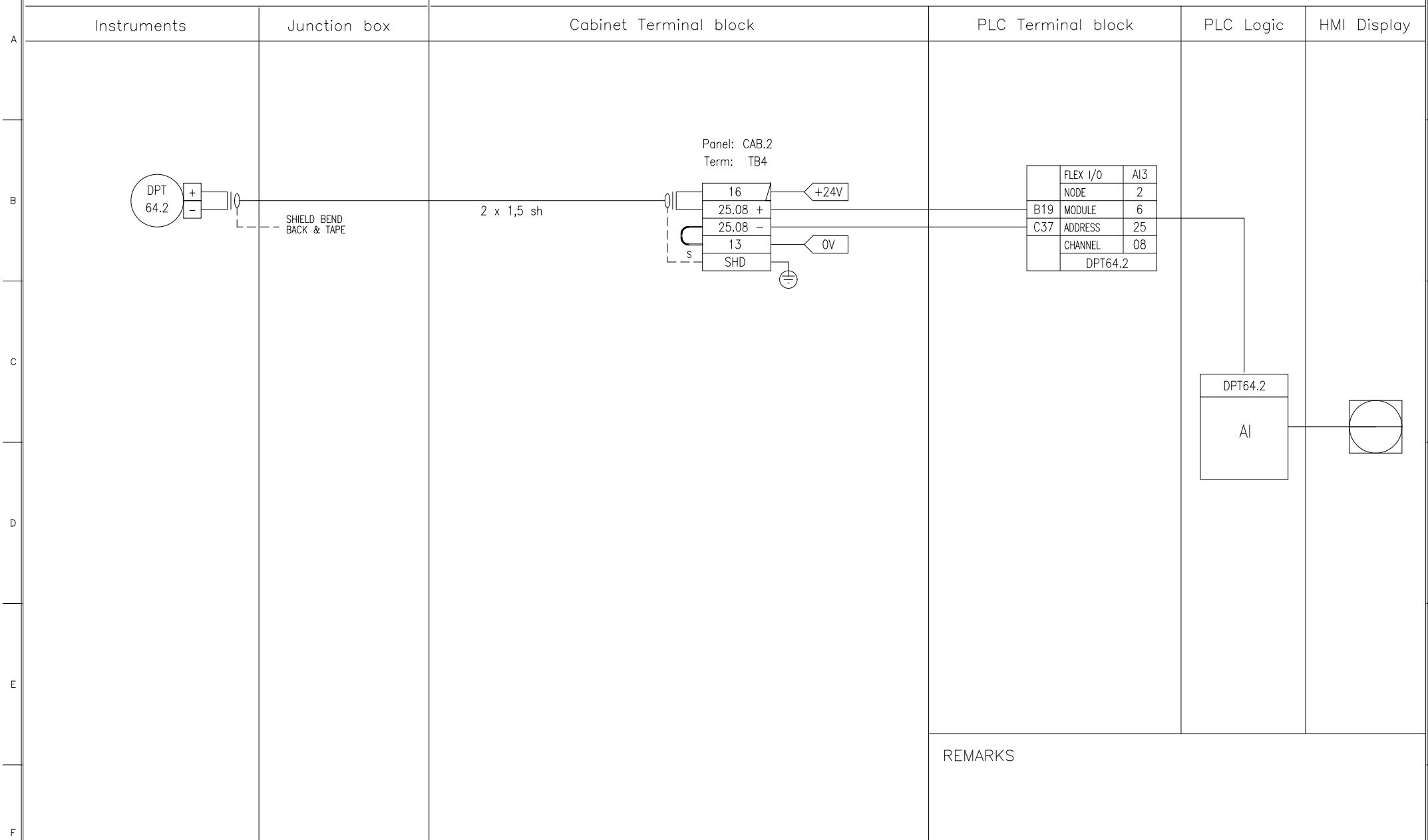
date	01/2011	desig.	GC	SABIZ PLANT	desmet ballstra	PID CONTROLLER PIC64.1	Doc. 08039LD03	=
0	ISSUE FOR APPROVAL	01/2011	GC	check CM			Job: 1E35	+
Rev.	Revision	Date	Name	stand. SPAC91		drawing's title:	dwg. 1E35.85.1002	sheet 502

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

Field

Technical room

Control room



date	01/2011
desig.	GC
0	ISSUE FOR APPROVAL
Rev.	01/2011
Revision	GC
Date	check CM
Name	stand. SPAC91

SABIZ PLANT



DELTA PRESSURE DPT64.2
drawing's title:

Doc. 08039LD03

=
+
Job: 1E35

sheet 503
504 n.sh

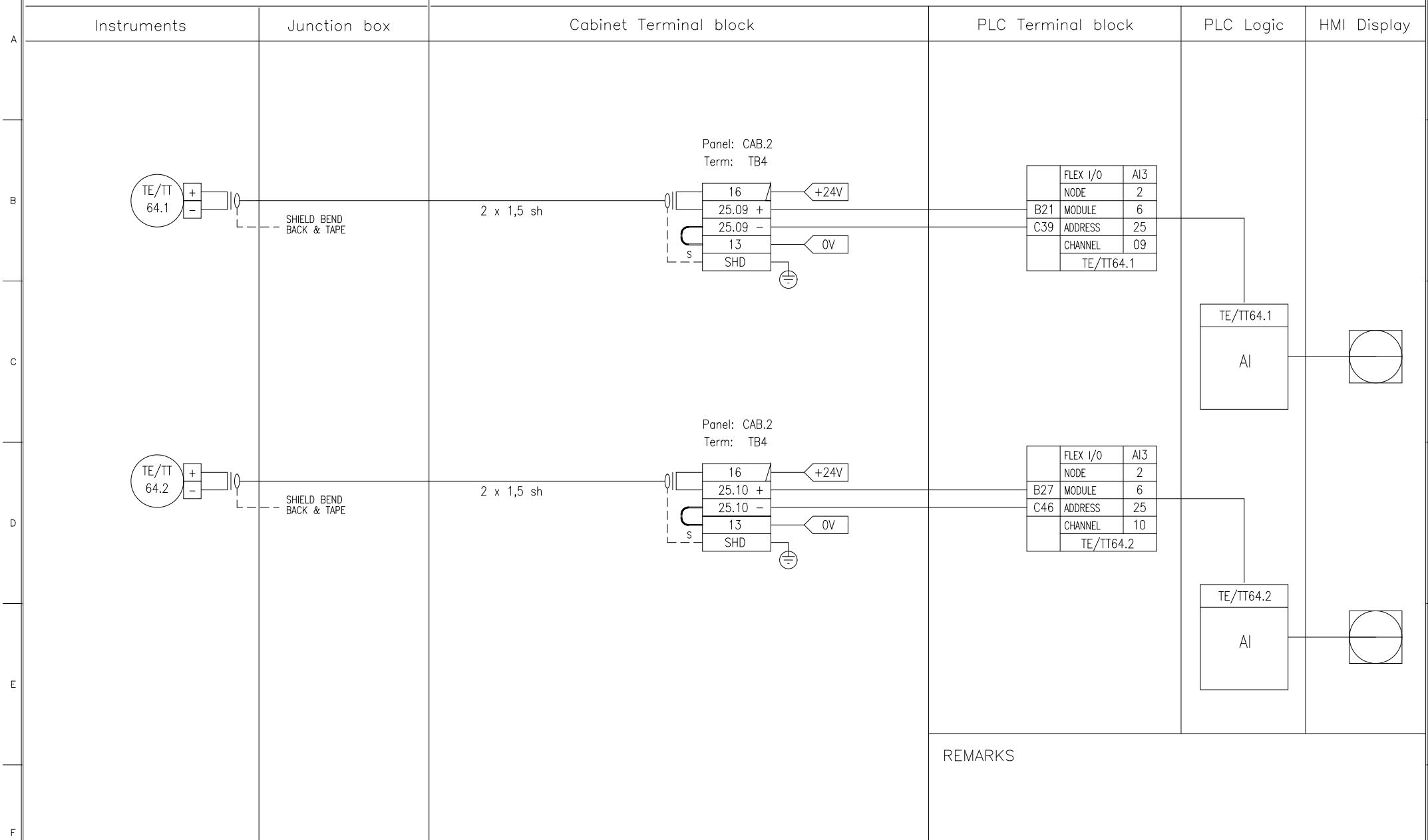
dwg. 1E35.85.1002

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

Field

Technical room

Control room



UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT



TE/TT64.1, TE/TT64.2
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

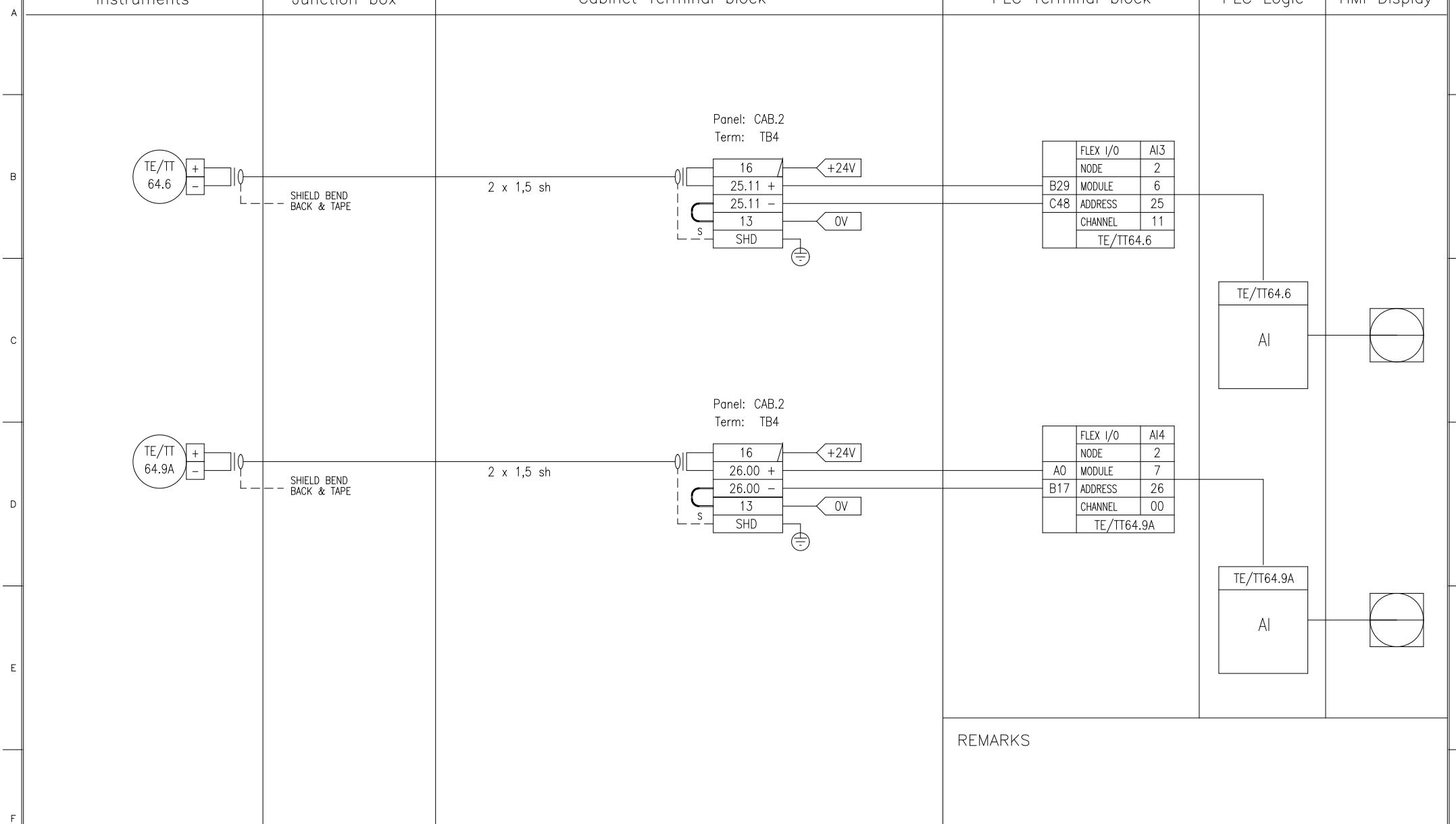
sheet 504
505 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT

TE/TT64.6, TE/TT64.9A
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

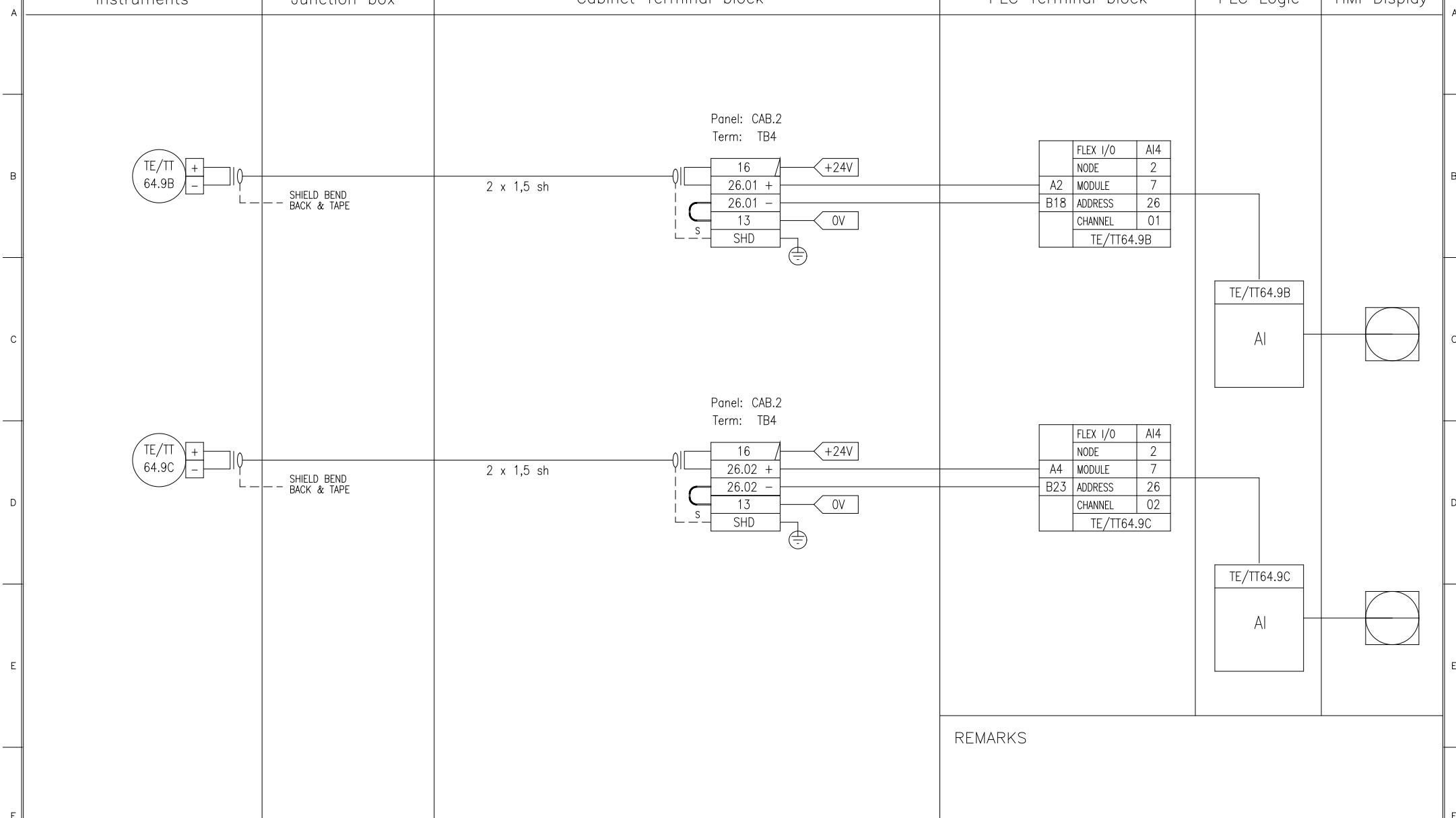
sheet 505
506 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



TE/TT64.9B, TE/TT64.9C

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

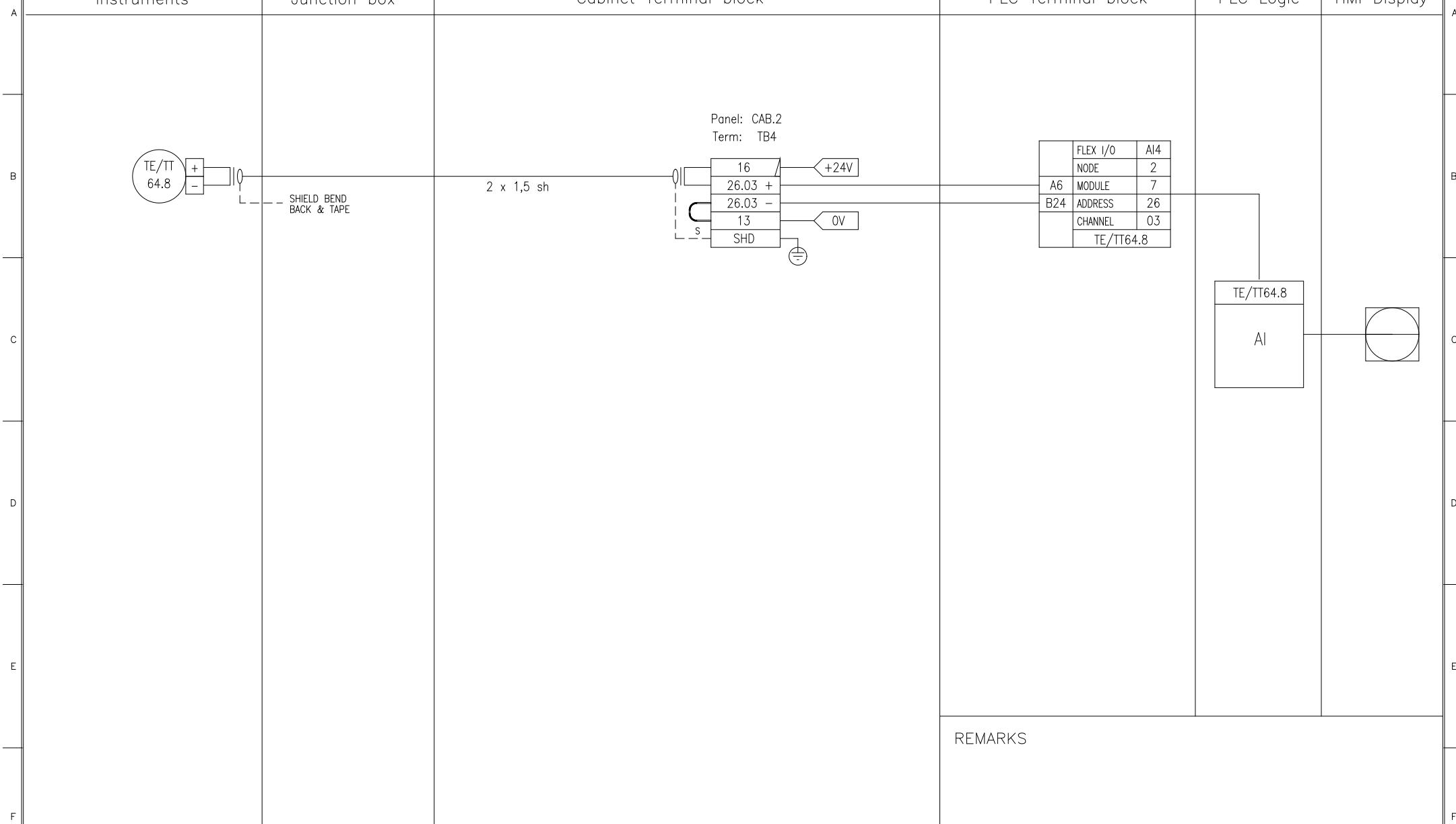
sheet 506
507 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT

THERMORESISTENCE TE/TT64.8
drawing's title:

Doc. 08039LD03

= +

Job: 1E35 dwg. 1E35.85.1002

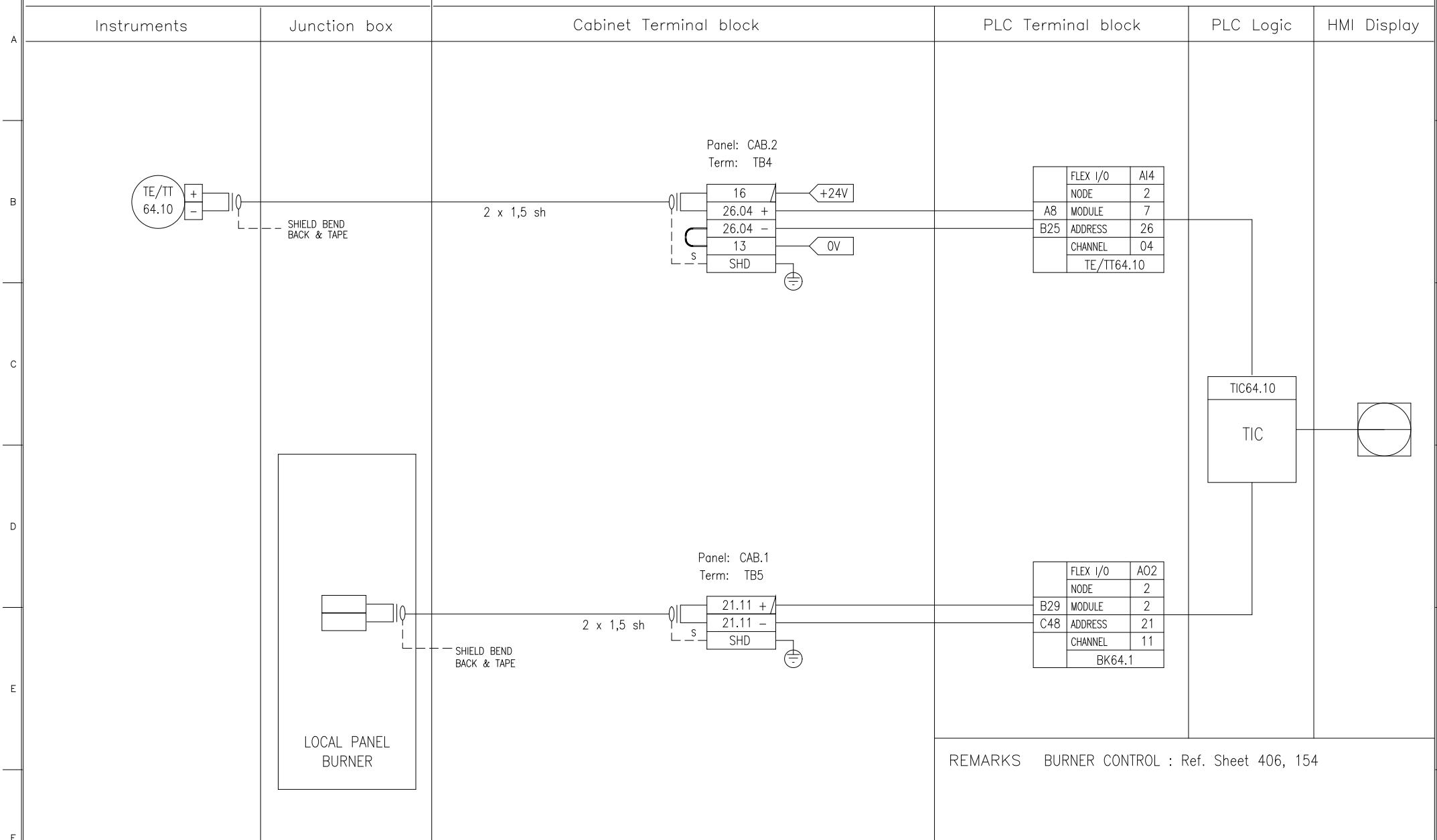
sheet 507
508 n.sh

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

Field

Technical room

Control room



UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT



PID CONTROLLER TIC64.10

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

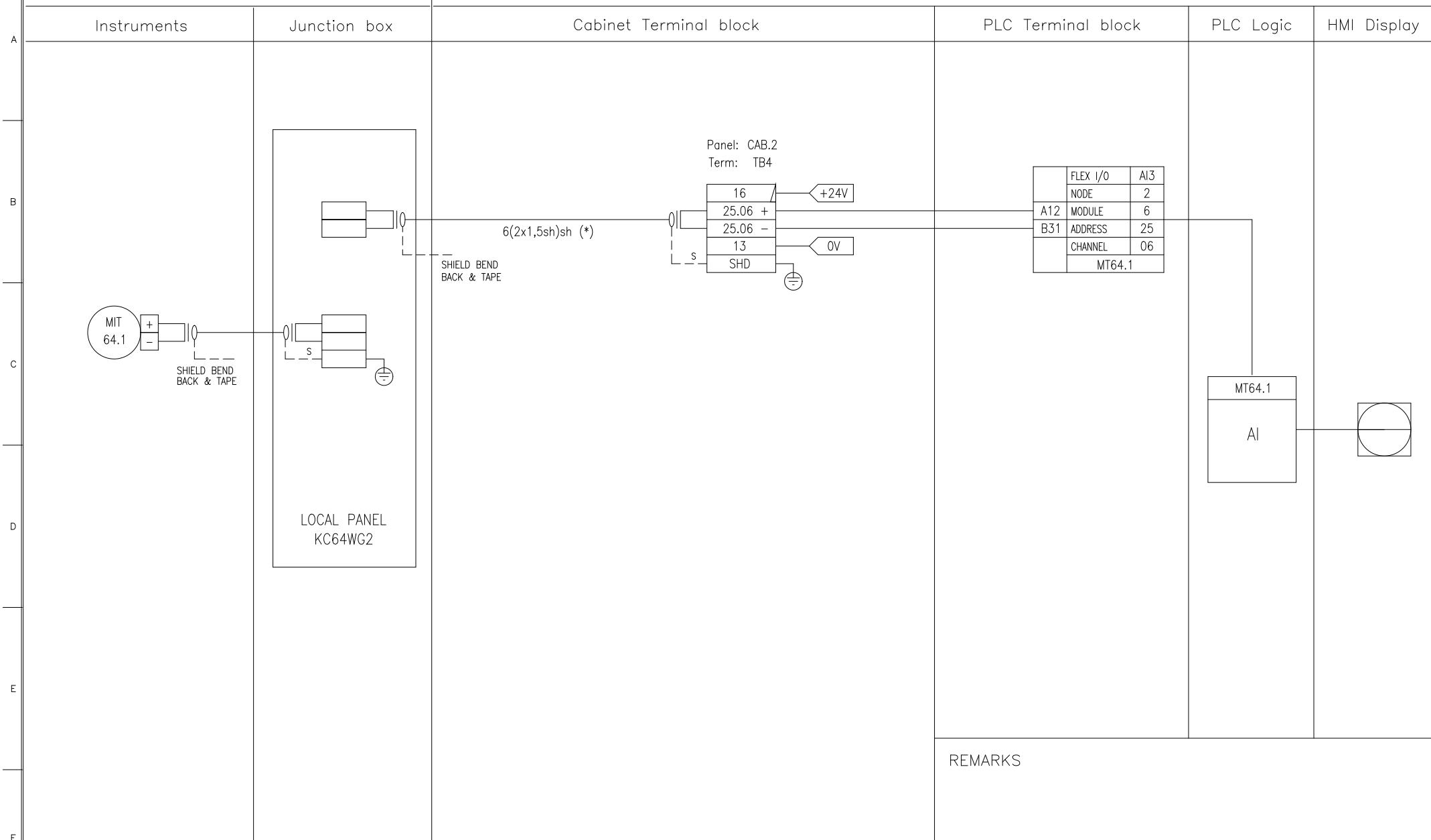
sheet 508
509 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room



2	ISSUE AFTER TEST	03/2011	GC	date	01/2011
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



MOISTURE TRANSMITTER MT64.1
drawing's title:

Doc. 08039LD03

=

+

Job: 1E35 dwg. 1E35.85.1002

sheet 509

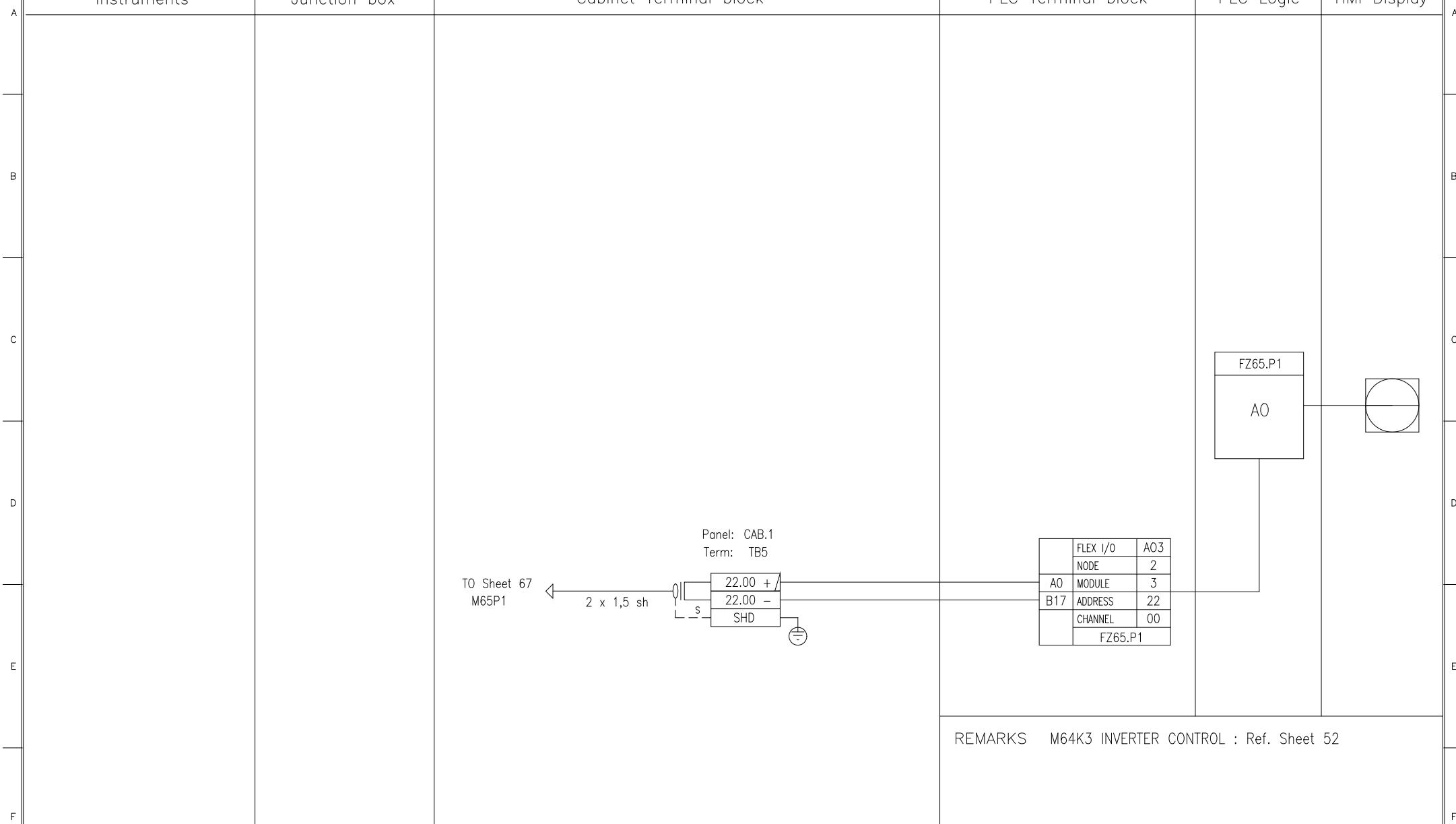
510 n.sh

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

Field

Technical room

Control room



UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



MOTOR CONTROL FZ65.P1
drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 510
511 n.sh

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

Field

Technical room

Control room

Instruments

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

A

B

B

C

C

D

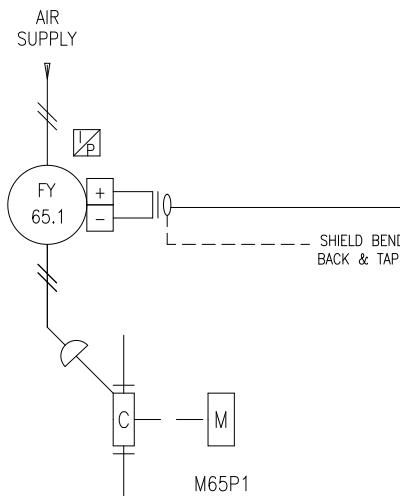
D

E

E

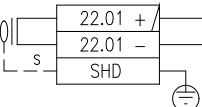
F

F

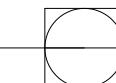
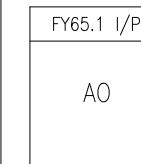


2 x 1,5 sh

Panel: CAB.1
Term: TB5



	FLEX I/O	A0.3
	NODE	2
A2	MODULE	3
B18	ADDRESS	22
	CHANNEL	01
	FY65.1 I/P	



REMARKS

UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



VALVE CONTROL FY65.1

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 511
512 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 FILE:1E35851002-511

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

Field

Technical room

Control room

Instruments

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

A

B

B

C

C

D

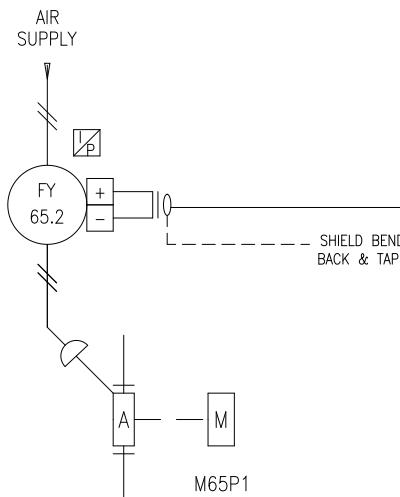
D

E

E

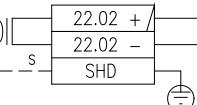
F

F

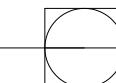
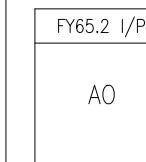


2 x 1,5 sh

Panel: CAB.1
Term: TB5



	FLEX I/O	A0.3
	NODE	2
A4	MODULE	3
B23	ADDRESS	22
	CHANNEL	02
	FY65.2 I/P	



REMARKS

UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



VALVE CONTROL FY65.2

drawing's title:

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 512
513 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E35851002-512

1 2 3 4 5 6 7 8 9 10

Field

Technical room

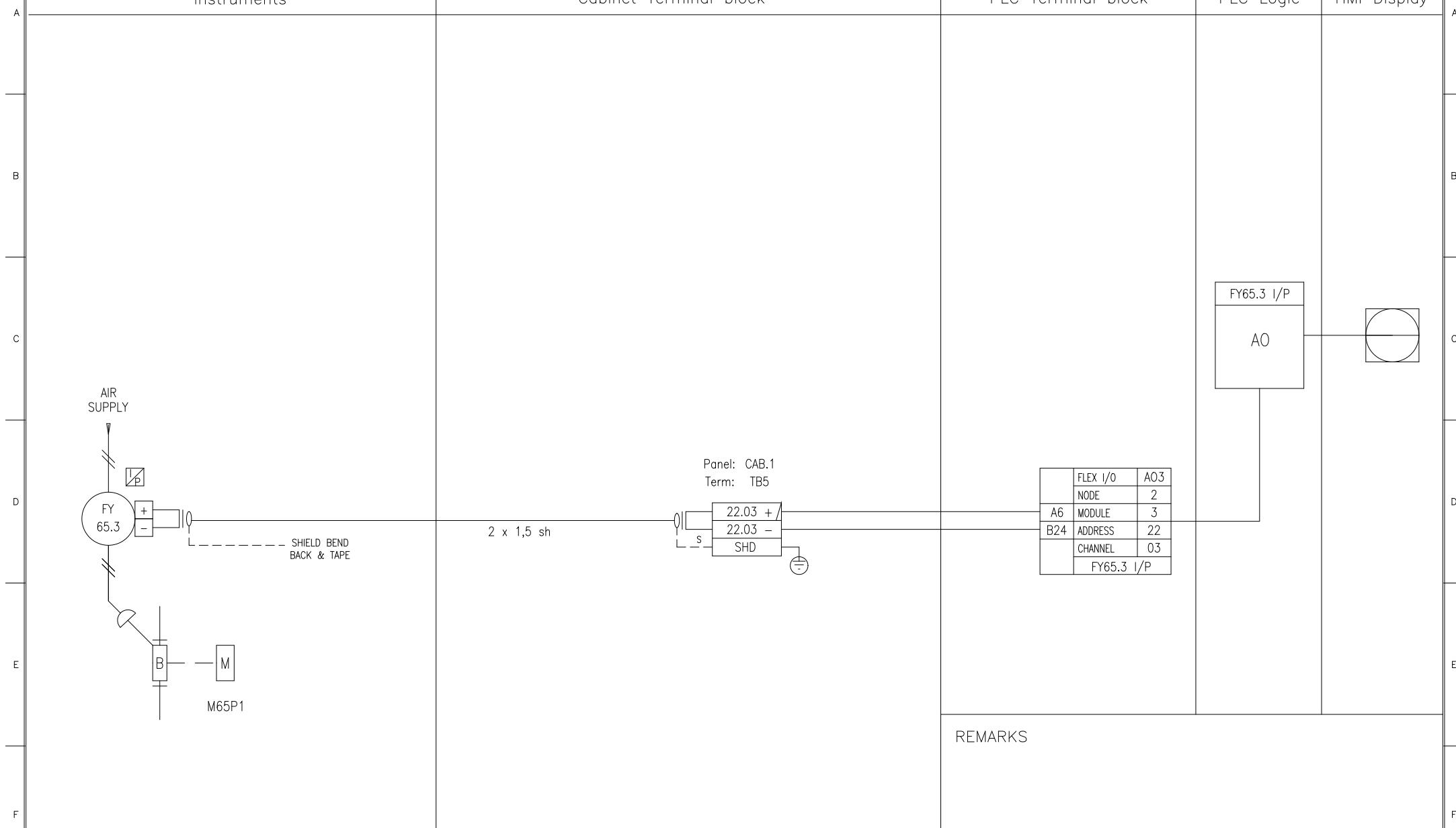
Control room

Instruments

Cabinet Terminal block

PLC Terminal block

PLC Logic HMI Display



UNI A3				date 01/2011
				desig. GL
0	ISSUE FOR APPROVAL	01/2011	GC	check CM
Rev.	Revision	Date	Name	stand. SPAC91

SABIZ PLANT



VALVE CONTROL FY65.3

Doc. 08039LD03

Job: 1E35 dwg. 1E35.85.1002

sheet 513
514 n.sh

2it. DIN 6771/Teil 5 1 2 3 4 5 6 7 8 9 10 FILE:1E35851002-513

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room

Instruments

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

B

C

D

E

F

A

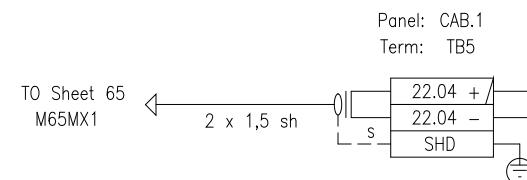
B

C

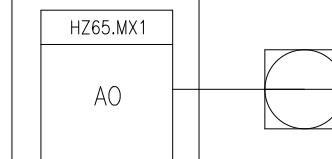
D

E

F



	FLEX I/O	A0.3
	NODE	2
A8	MODULE	3
B25	ADDRESS	22
	CHANNEL	04
		HZ65.MX1



REMARKS M65MX1 INVERTER CONTROL : Ref. Sheet 65

UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT

MOTOR CONTROL HZ65.MX1
drawing's title:

Doc. 08039LD03

=

+

sheet 514

Job: 1E35 dwg. 1E35.85.1002

515 n.sh

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room

Instruments

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

A

B

B

C

C

D

D

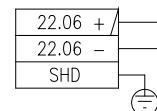
E

E

F

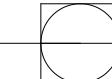
F

Panel: CAB.1
Term: TB5



	FLEX I/O	A0.3
	NODE	2
A12	MODULE	3
B31	ADDRESS	22
	CHANNEL	06

AO



REMARKS

NEXT SHEET : 520

UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



SPARE ANALOG OUTPUT

Doc. 08039LD03

Job: 1E35

dwg. 1E35.85.1002

sheet 515

520 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E35851002-515

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room

Instruments

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

A

B

B

C

C

D

D

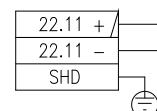
E

E

F

F

Panel: CAB.1
Term: TB5



	FLEX I/O	A0.3
	NODE	2
B29	MODULE	3
C48	ADDRESS	22
	CHANNEL	11

REMARKS

UNI A3					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT



SPARE ANALOG OUTPUT

drawing's title:

Doc. 08039LD03

=

Job: 1E35

+

dwg. 1E35.85.1002

sheet 520
521 n.sh

2it. DIN 6771/Teil 5 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | FILE:1E35851002-520

1 2 3 4 5 6 7 8 9 10

Field

Technical room

Control room

Instruments

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

A

B

B

C

C

D

D

E

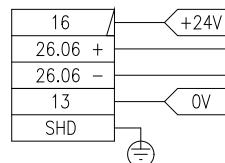
E

F

F

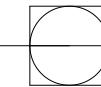
Panel: CAB.2

Term: TB4



	FLEX I/O	AI4
A12	NODE	2
B31	MODULE	7
	ADDRESS	26
	CHANNEL	06

AI



REMARKS

NEXT SHEET : 538

UNI A3				date	01/2011
				desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM
Rev.	Revision	Date	Name	stand.	SPAC91

SABIZ PLANT



SPARE ANALOG INPUT

drawing's title:

Doc. 08039LD03

=

Job: 1E35

+ sheet 521

dwg. 1E35.85.1002

538 n.sh

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

Field

Technical room

Control room

Instruments

Cabinet Terminal block

PLC Terminal block

PLC Logic

HMI Display

A

A

B

B

C

C

D

D

E

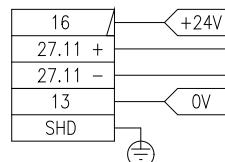
E

F

F

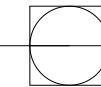
Panel: CAB.2

Term: TB4



	FLEX I/O	AI5
	NODE	2
B29	MODULE	8
	ADDRESS	27
	CHANNEL	11

AI



REMARKS

UNI A3					date	01/2011
					desig.	GC
0	ISSUE FOR APPROVAL	01/2011	GC	check	CM	
Rev.	Revision	Date	Name	stand.	SPAC91	

SABIZ PLANT



SPARE ANALOG INPUT

drawing's title:

Doc. 08039LD03

=

Job: 1E35

+

dwg. 1E35.85.1002

sheet 538
— n.sh