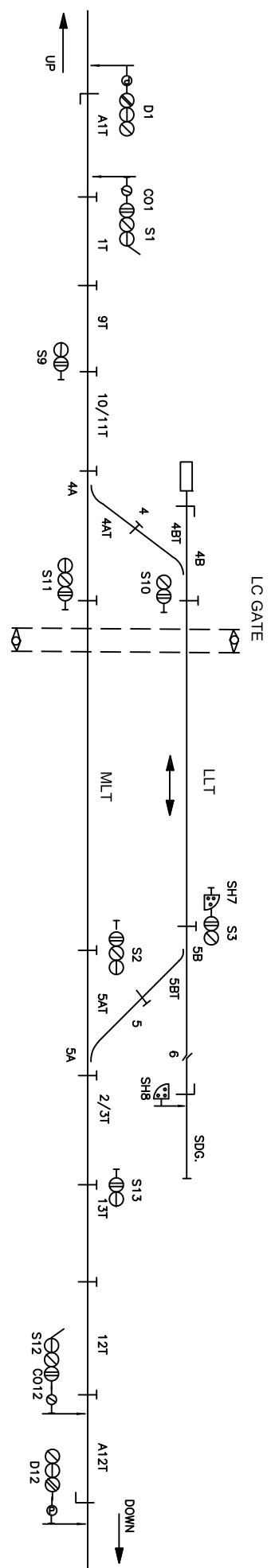
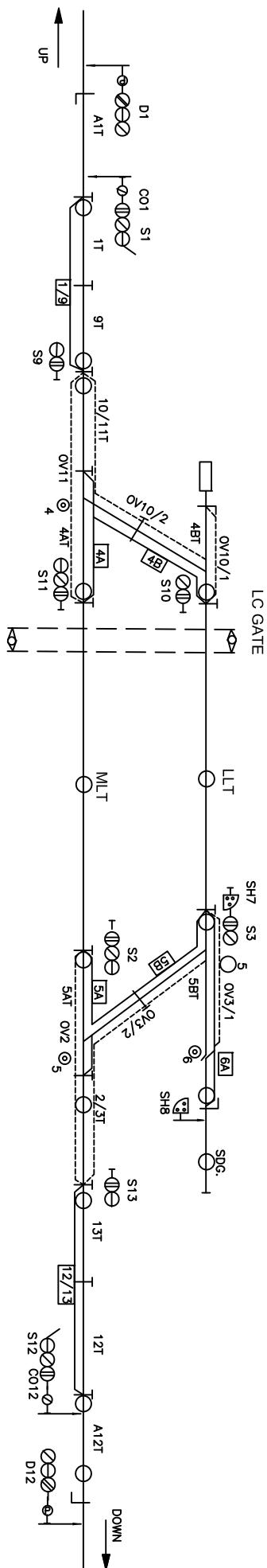


IRISET MODEL

SIGNALING PLAN



ZU(R)R \leftrightarrow ZU(N)R

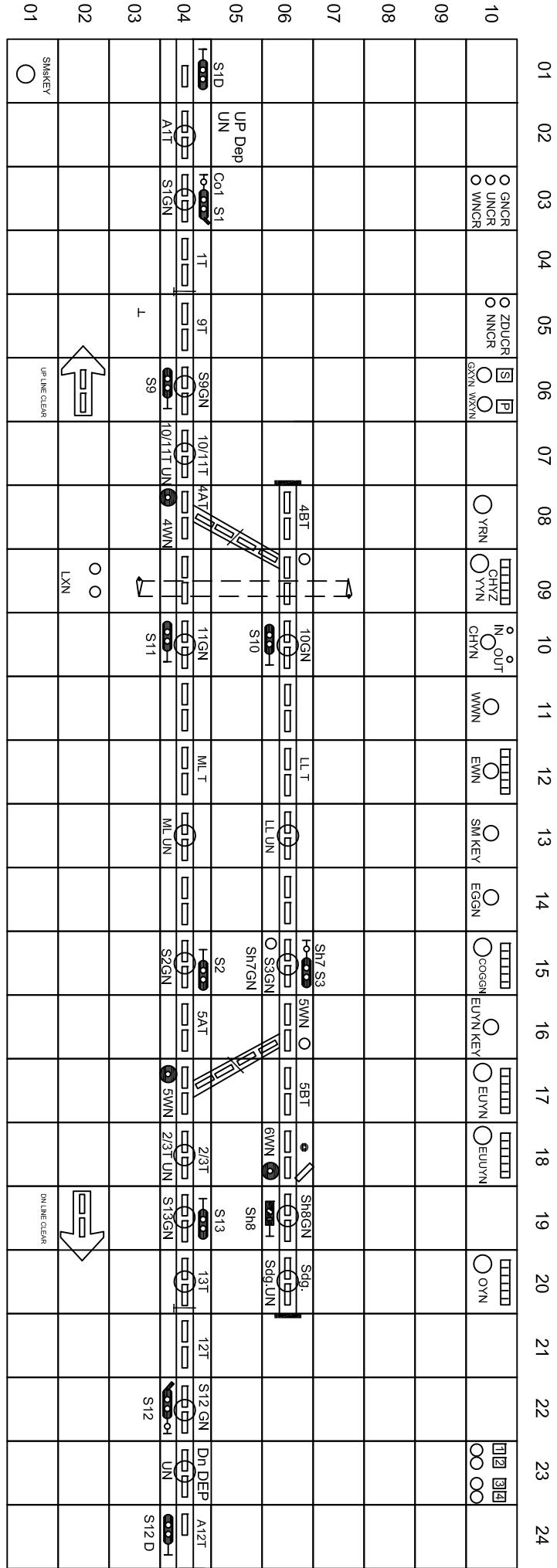


ROUTE SECTION PLAN

IRISET
RRI (SIEMEN'S) SYSTEM IN E.S LAB
DRG.NO. S - 16

IRISET

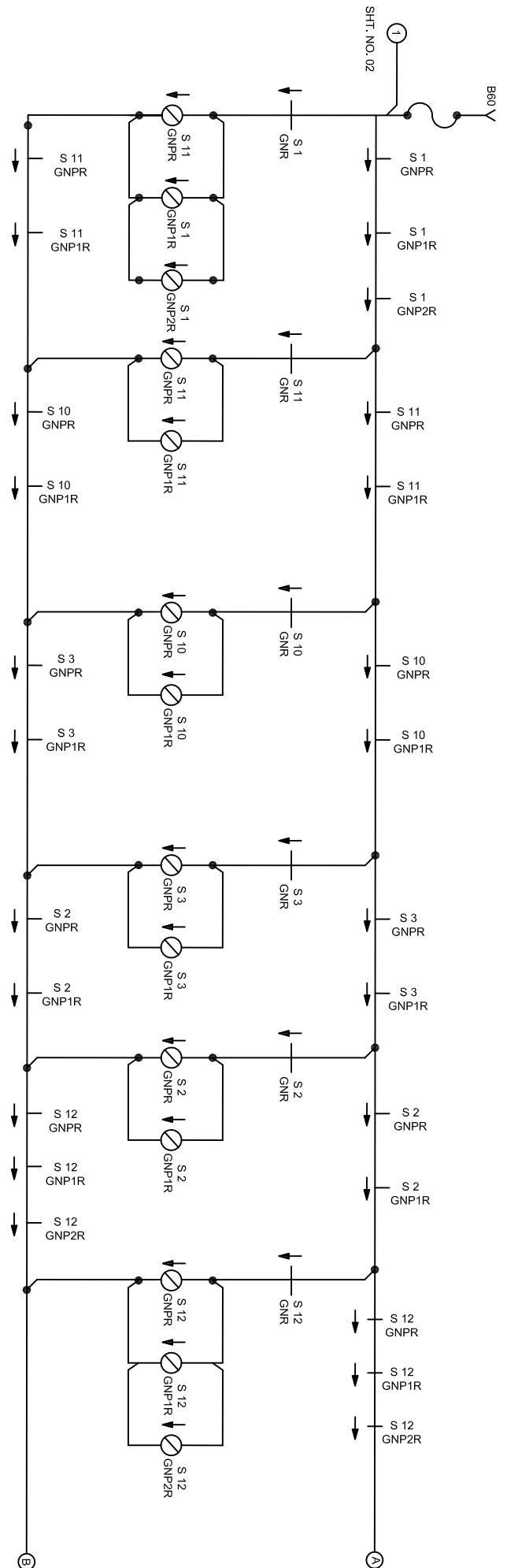
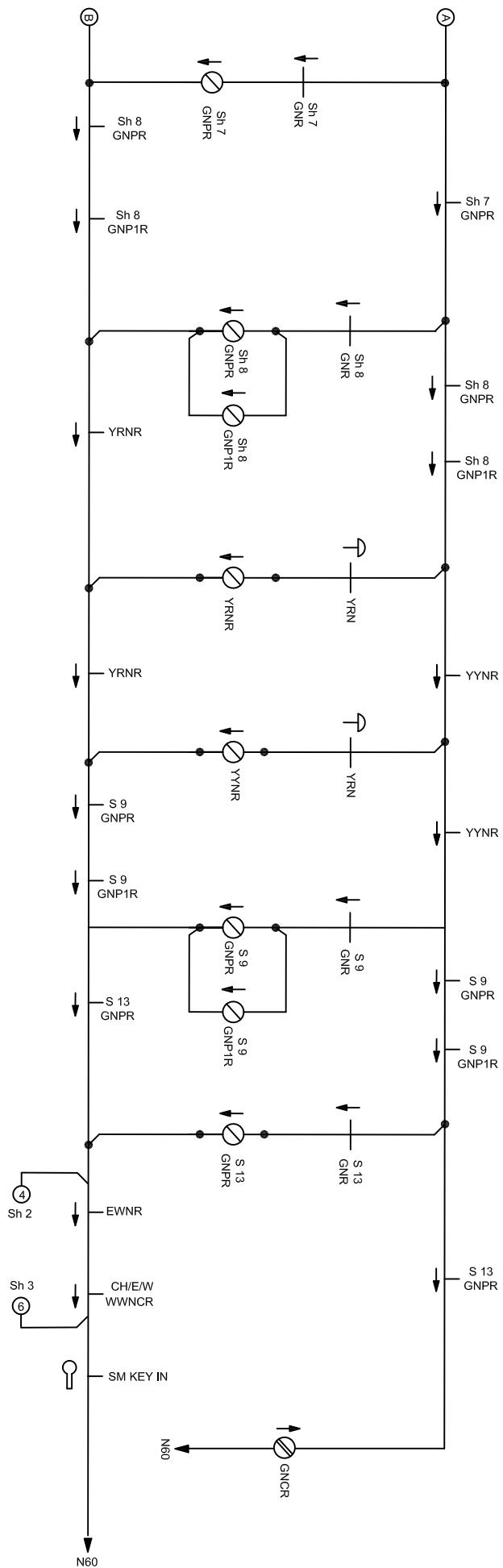
RRI (SIEMENS) SYSTEM-II

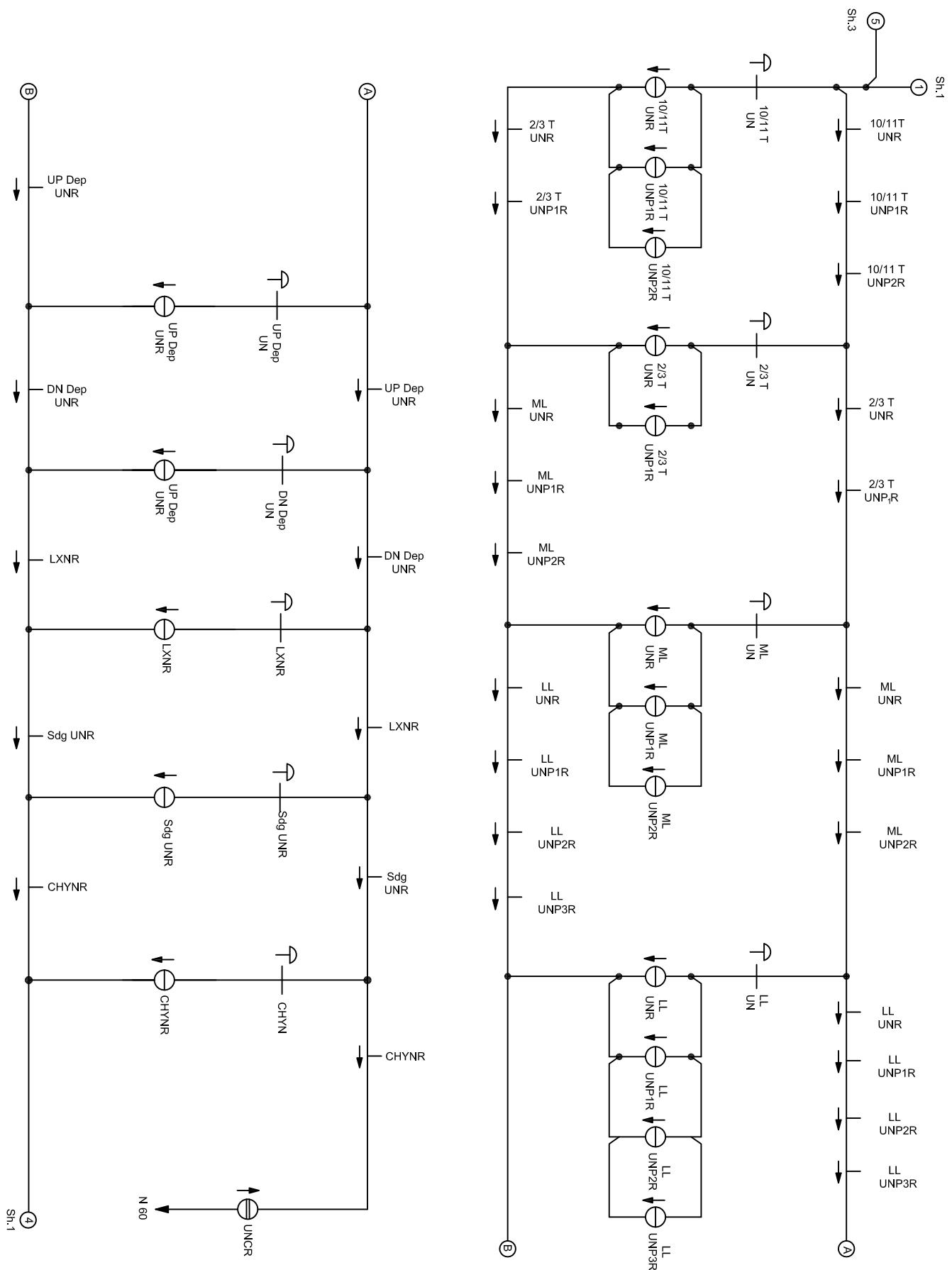


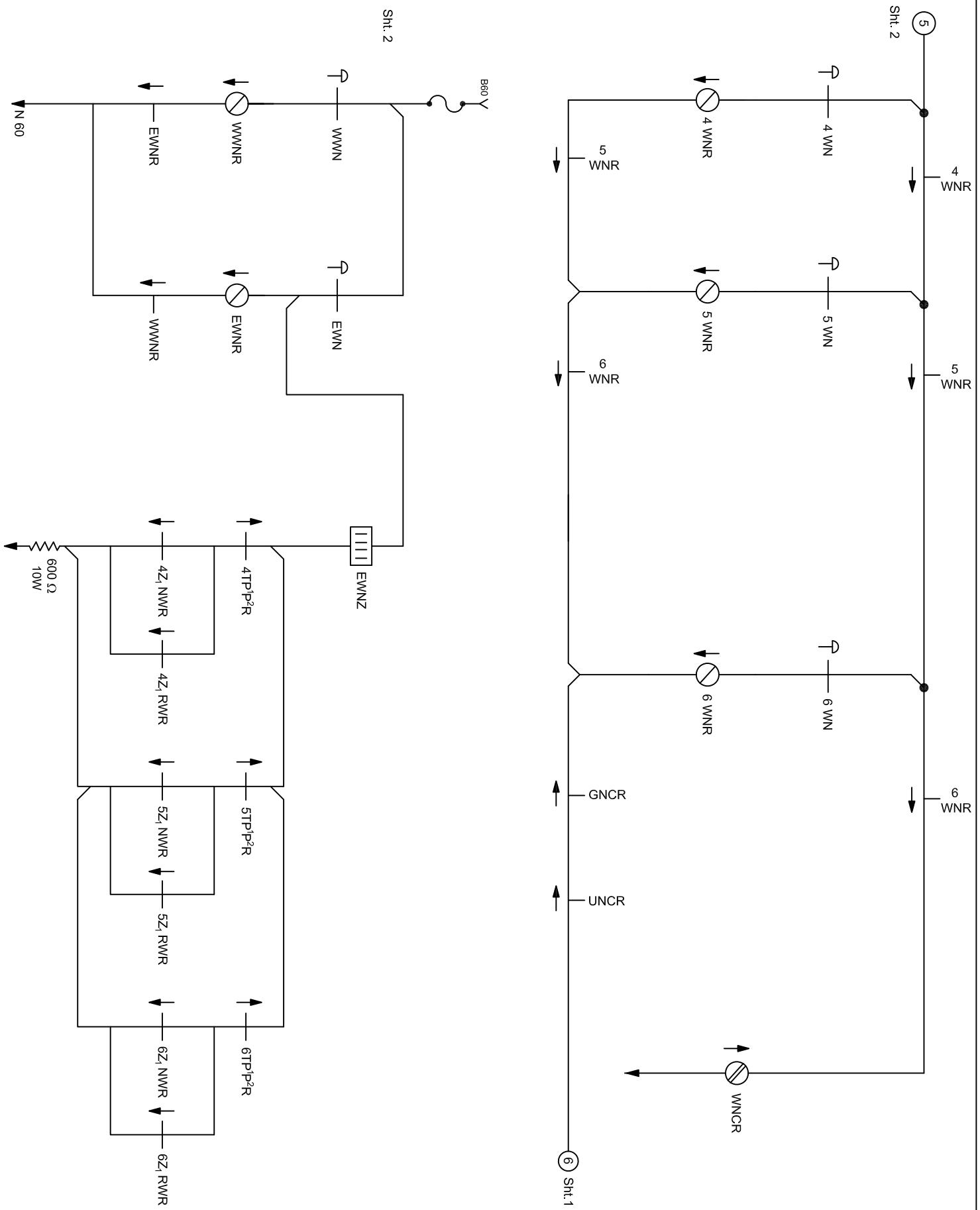
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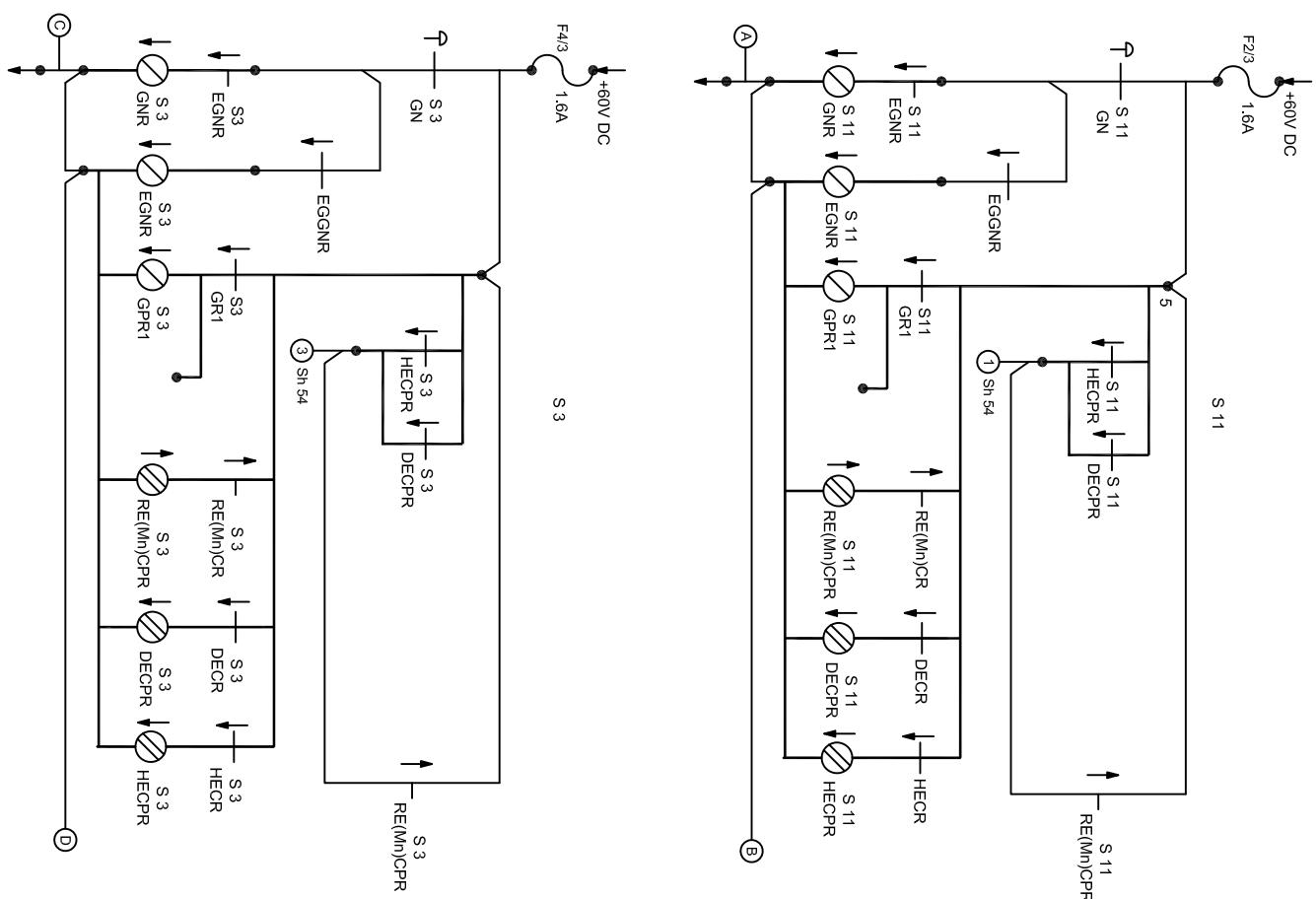
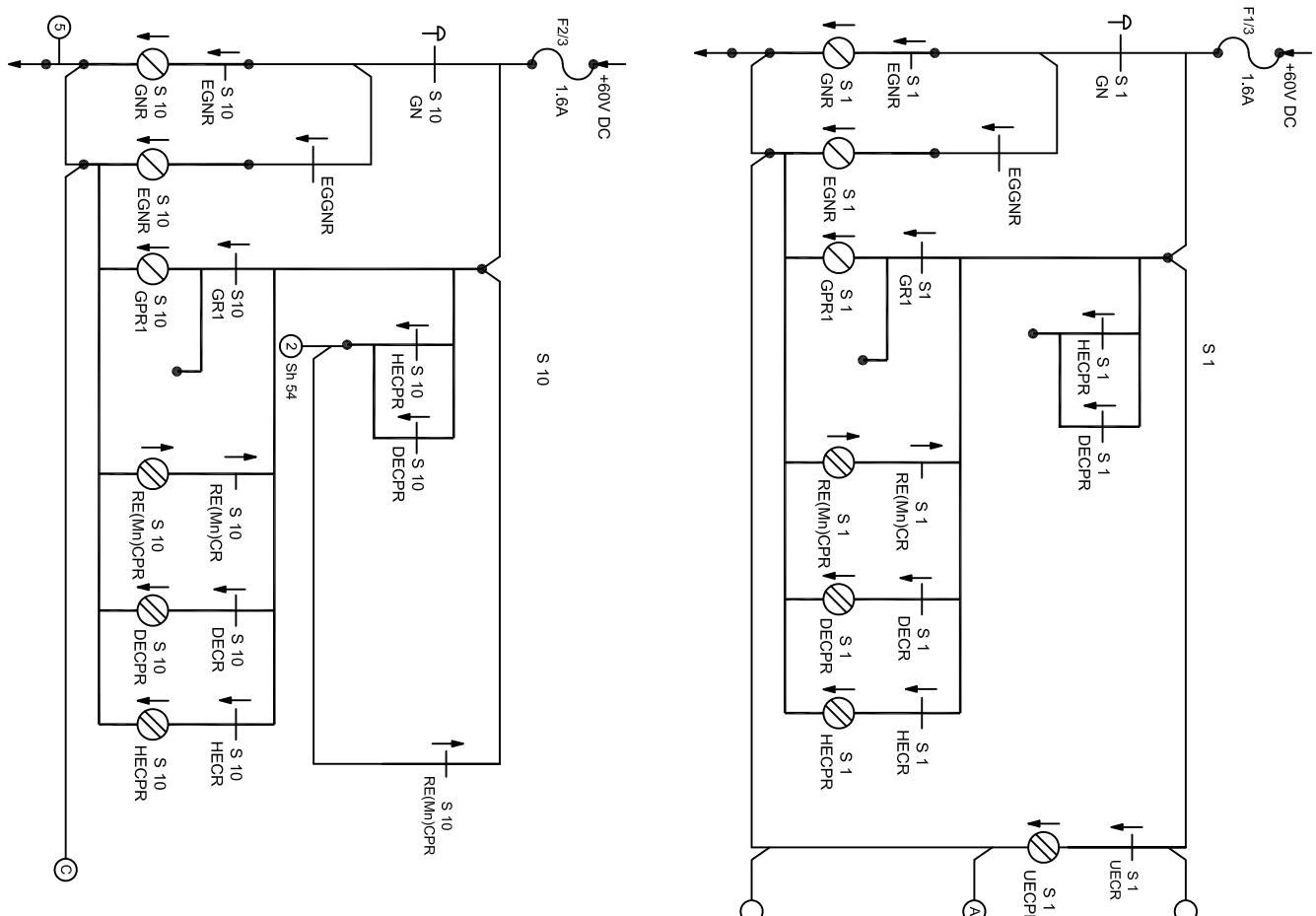
IRISET	
RRI (SIEMEN'S) SYSTEM IN ES LAB	
DRG.NO.	S - 16

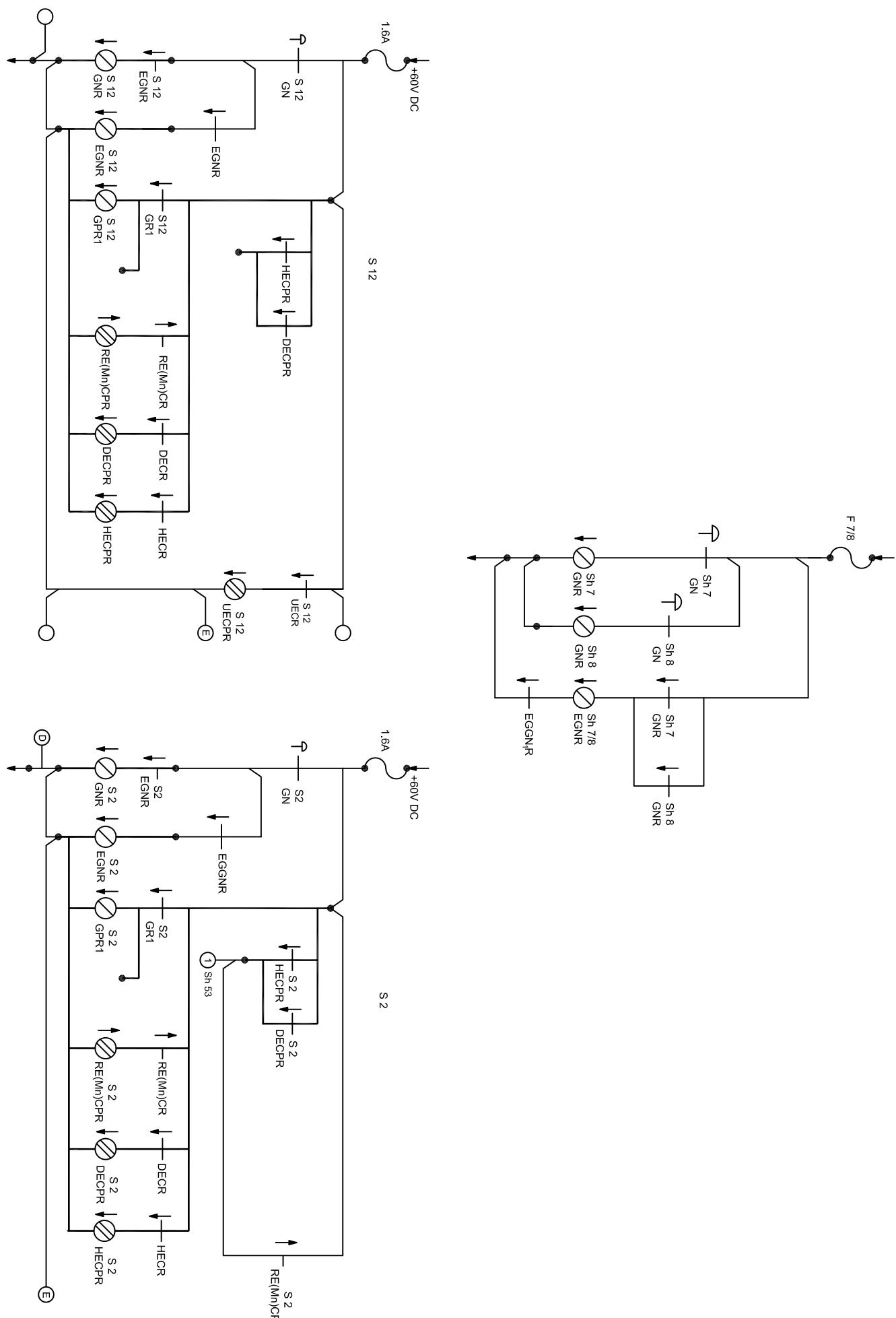
S.NO.	Sig. Route	Push Button	In the Route		In the Overlap		Points set in the		TC Clear in the		Slot/Line Clear Required & Locks Crank Handle	Signal ahead Proved	Position of Route Indicator	Approach Locking TC	'ON' TC	Back Locking TC	REMARKS					
			SIG	ROUTE	Route Section Set	Eliminated	Over lap Set	Route Section	Over lap	Route Section	Over lap											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
01	S1 to ML	1 GN	ML UN	4A	4B	OV 10/2	OV2	5B	OV 3/2	4N	5N	-	1T,9T,10/11T, 4AT,MLT.	5AT, 23T.	CH IN	S-2 RG,HG,DG.	-	A1T	1T	1T,9T, 10/11T, 4AT.	L.C CLOSED.	
02	Co1 to ML	1 GN	COGGN ML UN	4A	4B	OV 10/2	-	5B	OV 3/2	4N	-	-	-	-	CH IN	-	A1T	-	1T,9T, 10/11T, 4AT.	L.C Closed		
03	S1 to LL With OV 3/1	1 GN	LL UN	4B	4A	OV 11	OV 3/1	6A,5B	OV 3/2	4R	5N	6N	1T,9T,10/11T, 4AT,4BT,LLT.	5BT	CH IN	S3 RG	Y	A1T	1T	1T,9T, 10/11T, 4AT,4BT.	L.C CLOSED.	
04	Co1 to LL	1 GN	COGGN LL UN	4B	4A	OV 11	OV 10/1	-	6A,5B	OV 3/2	4R	-	-	-	CH IN	-	A1T	-	1T,9T, 10/11T, 4AT,4BT.	L.C Closed		
05	S1 to LL With OV 3/2	1 GN	LL UN	4B	4A	OV 11	OV 3/2	6A,5A	OV 2	4R	5R	6N	1T,9T,10/11T, 4AT,4BT,LLT. 23T.	5BT, 5AT, S3 HG	CH IN	S3 RG,	Y	A1T	1T	1T,9T, 10/11T, 4AT,4BT.	L.C CLOSED.	
06	Co1 to LL	1 GN	COGGN LL UN	4B	4A	OV 11	OV 10/1	-	6A,5A	OV 2	4R	-	-	-	CH IN	-	A1T	-	1T,9T, 10/11T, 4AT,4BT.	L.C Closed		
07	S-2 to S-13	2 GN	2/3T UN	5A	5B	OV 3/2	-	-	5N	-	-	5N	-	5 AT, 23T	CH IN	S13 RG, S13 DG	-	MLT,(4AT, 10/11T,9T&1T if 4A is set)	5AT	5AT, 23T.	-	
08	S-3 to S-13	3 GN	2/3T UN	5B	6A,5A	OV 3/1	-	-	5R	-	6N	5 AT, 5BT, 2/3T	-	CH IN	S13 RG S13 DG	-	LLT	5BT	5AT, 5BT, 23T.	-		
09	S-10 to S-9	10 GN	10/11T UN	4B	4A	OV 11	OV 10/1	-	-	4R	-	-	4AT,4BT, 10/11T.	-	CH IN	S9 RG, S9 DG	-	LLT	4BT	4BT, 4AT,, 10/11T	L.C CLOSED.	
10	S-11 to S-9	11 GN	10/11T UN	4A	4B	OV 10/2	-	-	4N	-	-	4N	-	4AT,10/11T.	-	CH IN	S9 RG, S9 DG	-	MLT,5AT,23T 13T,12T (if 5A is set)	4AT	4AT, 10/11T.	L.C CLOSED.
11	S-12 to ML	12 GN	ML UN	5A	5B	OV 3/2	OV 11	4B	OV 10/2	5N	4N	-	12T, 13T, 23T,5AT,MLT	4AT, 10/11T	CH IN	S11 RG, S11 HG, S11 DG.	-	A 12T	12T	12T, 13T, 23T, 5AT.	L.C CLOSED.	
12	Co-12 to ML	12 GN	COGGN ML UN	5A	5B	OV 3/2	-	4B	OV 10/1 OV 11	5N	-	-	-	CH IN	-	-	-	-	-	120 Sec.after A12T Down		
13	S-12 to LL With OV 10/1	12 GN	LL UN	5B	5A,6A	OV 2	OV 10/1	4B	OV 10/2	5R	4N	6N	12T, 13T, 23T, 4BT	CH IN	S10 RG	Y	A 12T	12T	12T, 13T, 23T, 5AT,5BT.	Locks Sh-7 LC Closed		
14	Co-12 LL	12 GN	COGGN LL UN	5B	5A,6A	OV 2	-	4B	OV 10/2	5R	4N	6N	-	-	CH IN	-	-	A 12T	-	12T, 13T, 23T, 5AT,5BT.	Locks Sh-7 LC Closed	
15	S-12 to LL With OV 10/2	12 GN	LL UN	5B	5A,6A	OV 2	OV 10/2	4A	OV 10/1	5R	4R	6N	12T, 13T, 23T, 4AT, 5AT,5BT,LLT	4BT, CH IN	S10 RG, S10 HG	Y	A 12T	12T	12T, 13T, 23T, 5AT,5BT.	L.C Closed		
16	Co12 to LL	12 GN	COGGN LL UN	5B	5A,6A	OV 2	-	4A	OV 10/1 OV 11 OV 10/2	5R	4R	6N	-	-	CH IN	-	A 12T	-	12T, 13T, 23T, 5AT,5BT.	120 Sec.after A11 Down L.C Closed		
17	Sh-7 to SDG.	7 GN	SDG.	6A	5B	OV 3/1	-	-	-	5N	-	-	5BT	-	CH IN	-	LLT	5BT	5BT	-		
18	Sh-8 to LL.	8 GN	LL UN	6A	5B	OV 3/1	-	-	-	5N	-	-	5BT	-	CH IN	-	Dead Approach Locking	5BT	5BT	Locks S-10		
19	S-9 to UP Dep.	S9 GN	UP Dep.	1/9	-	-	-	-	-	-	-	-	9T, 1T	-	Line Clear	-	-	9T	-	-		
20	S-13 to Dn Dep.	S-13 GN	DN Dep.	12/13	-	-	-	-	-	-	-	-	13T, 12T	-	Line Clear	-	-	13T	-	-		

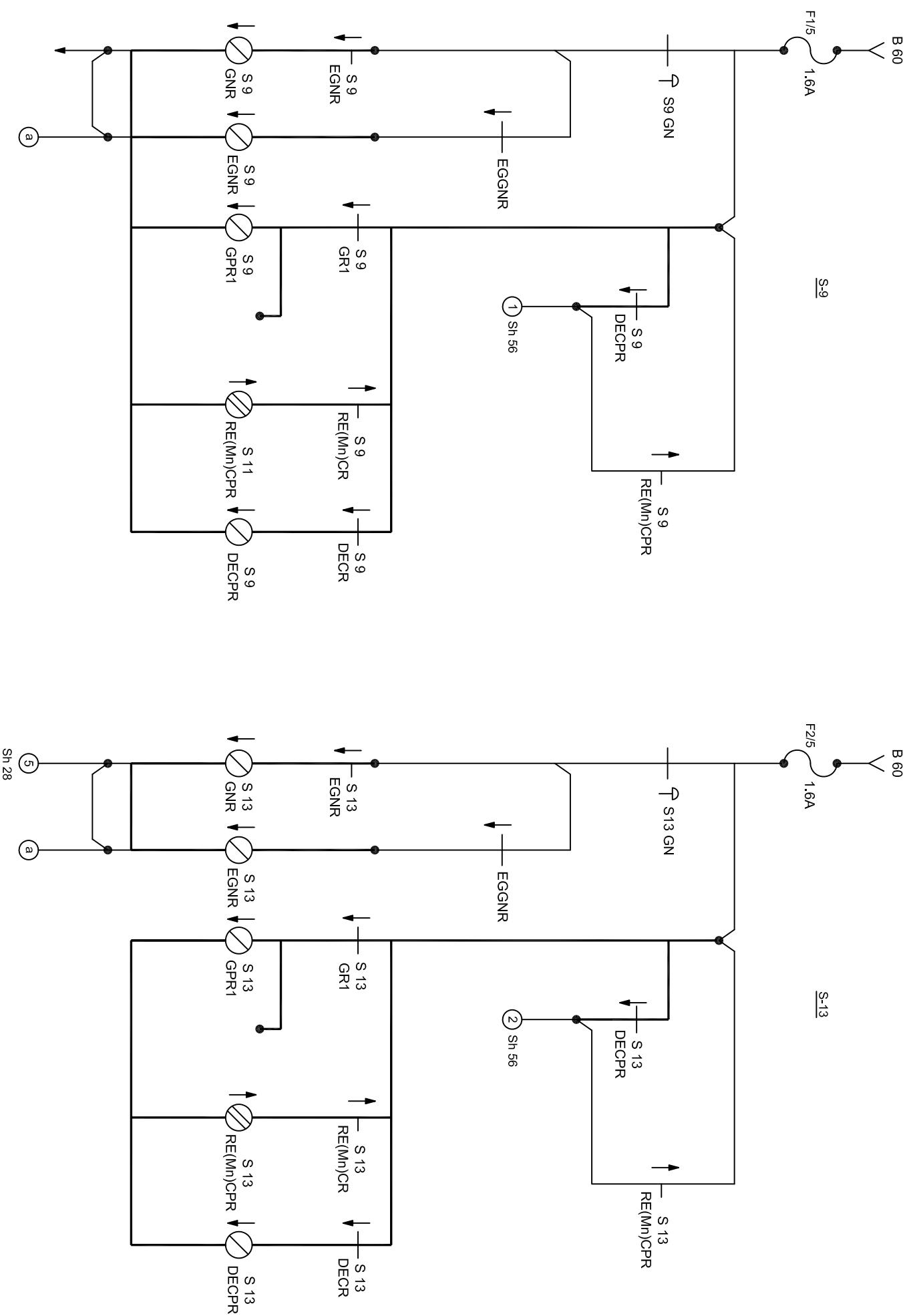


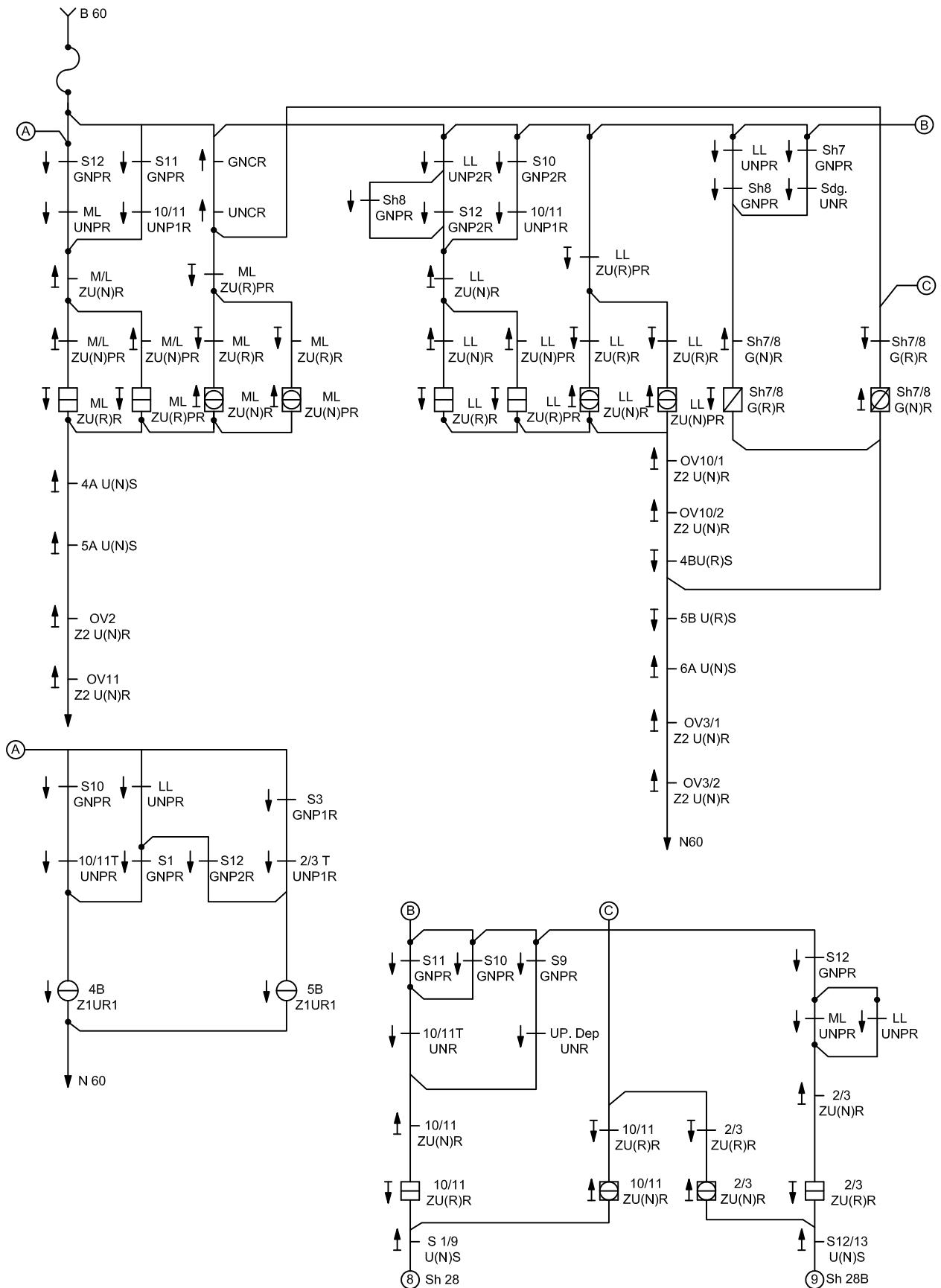


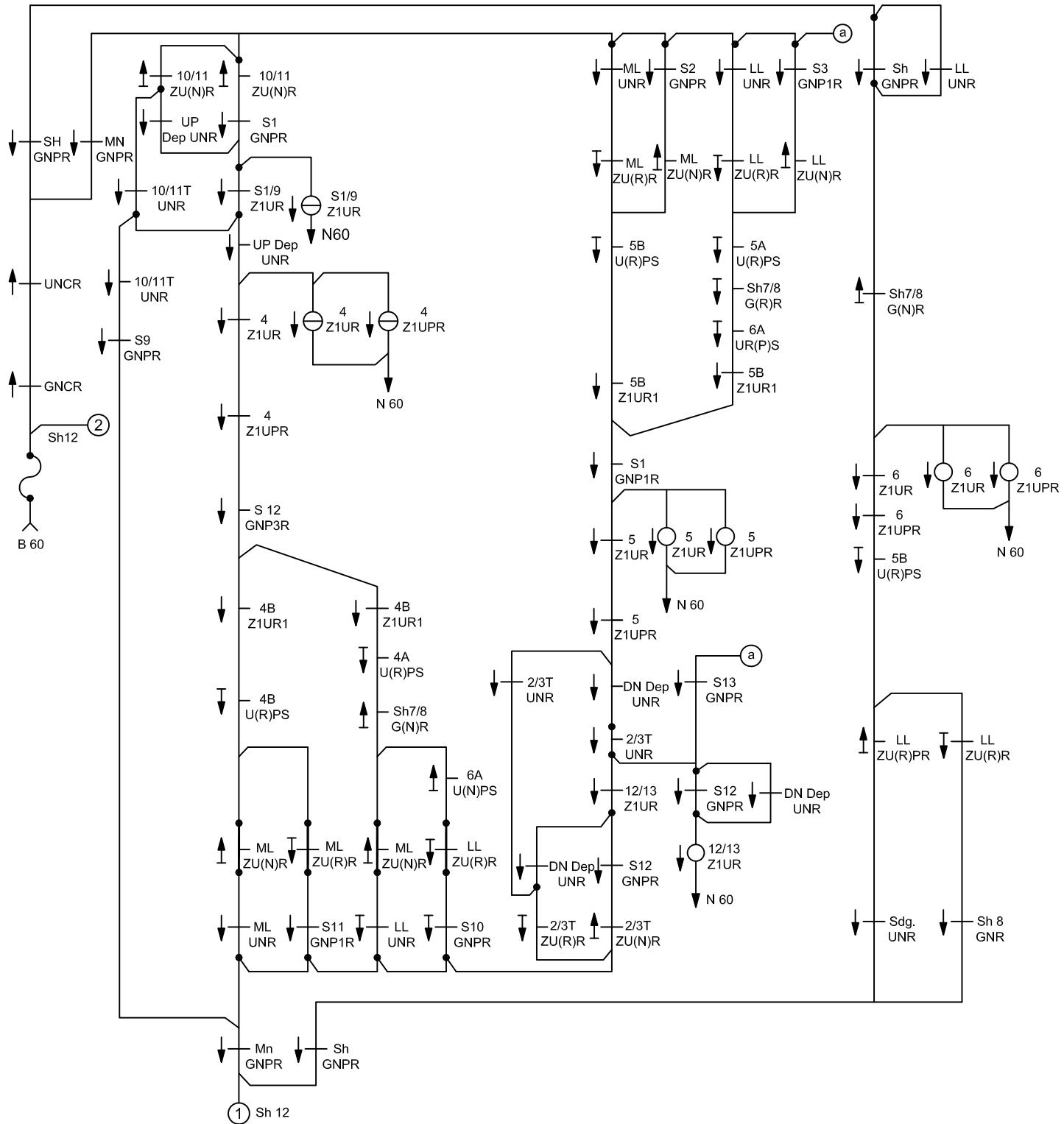


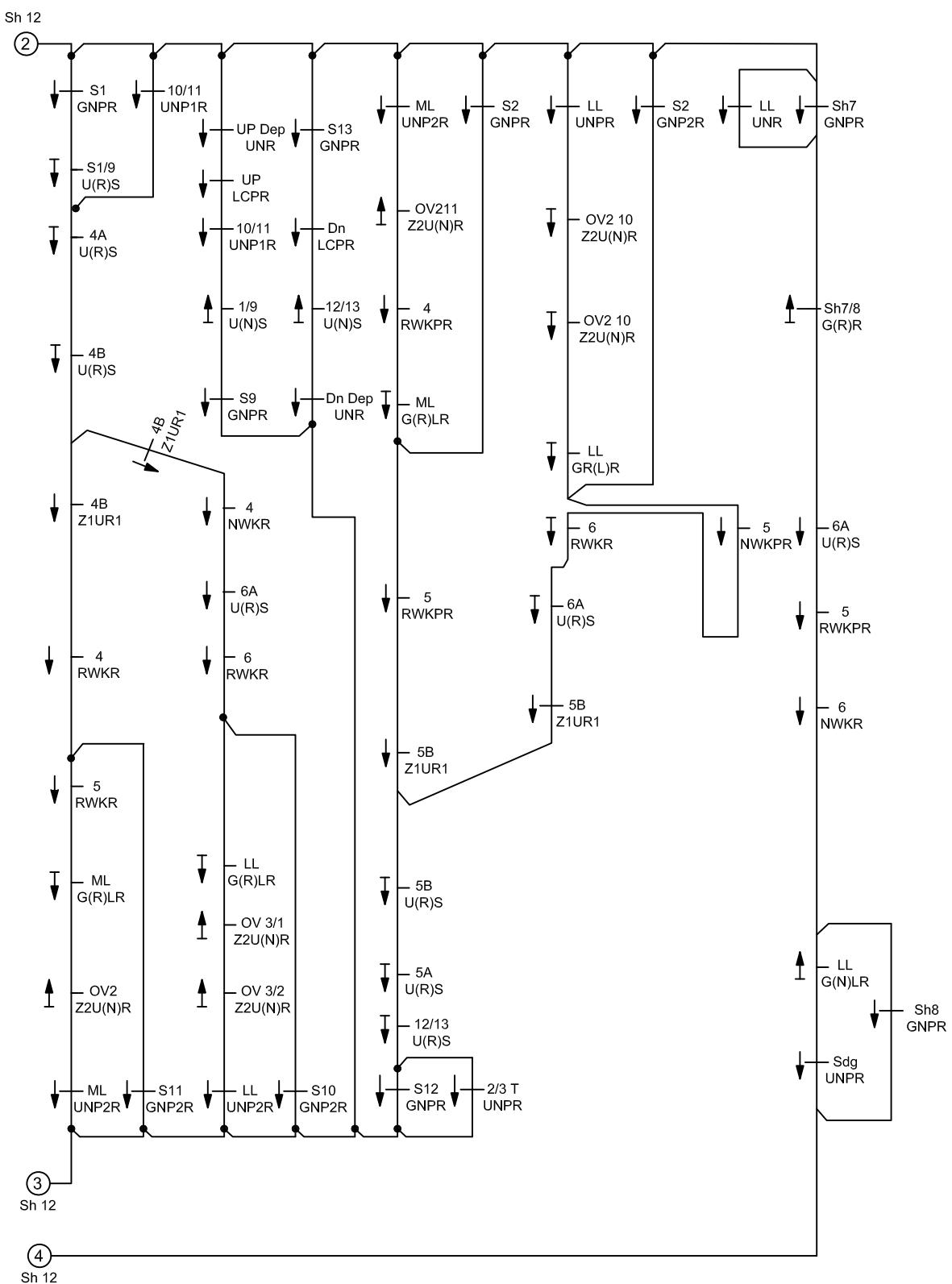


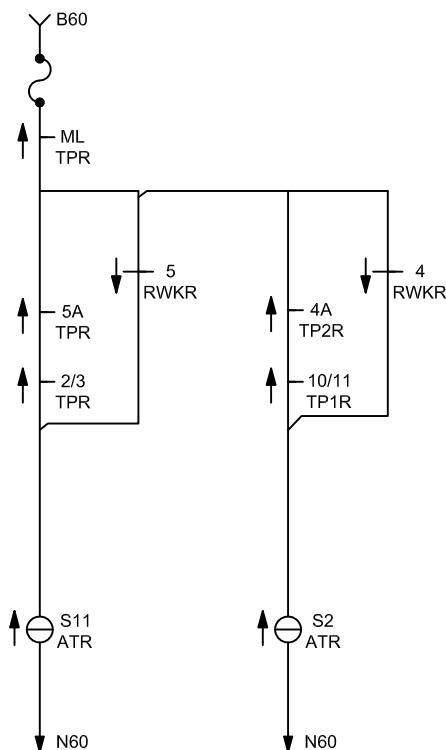
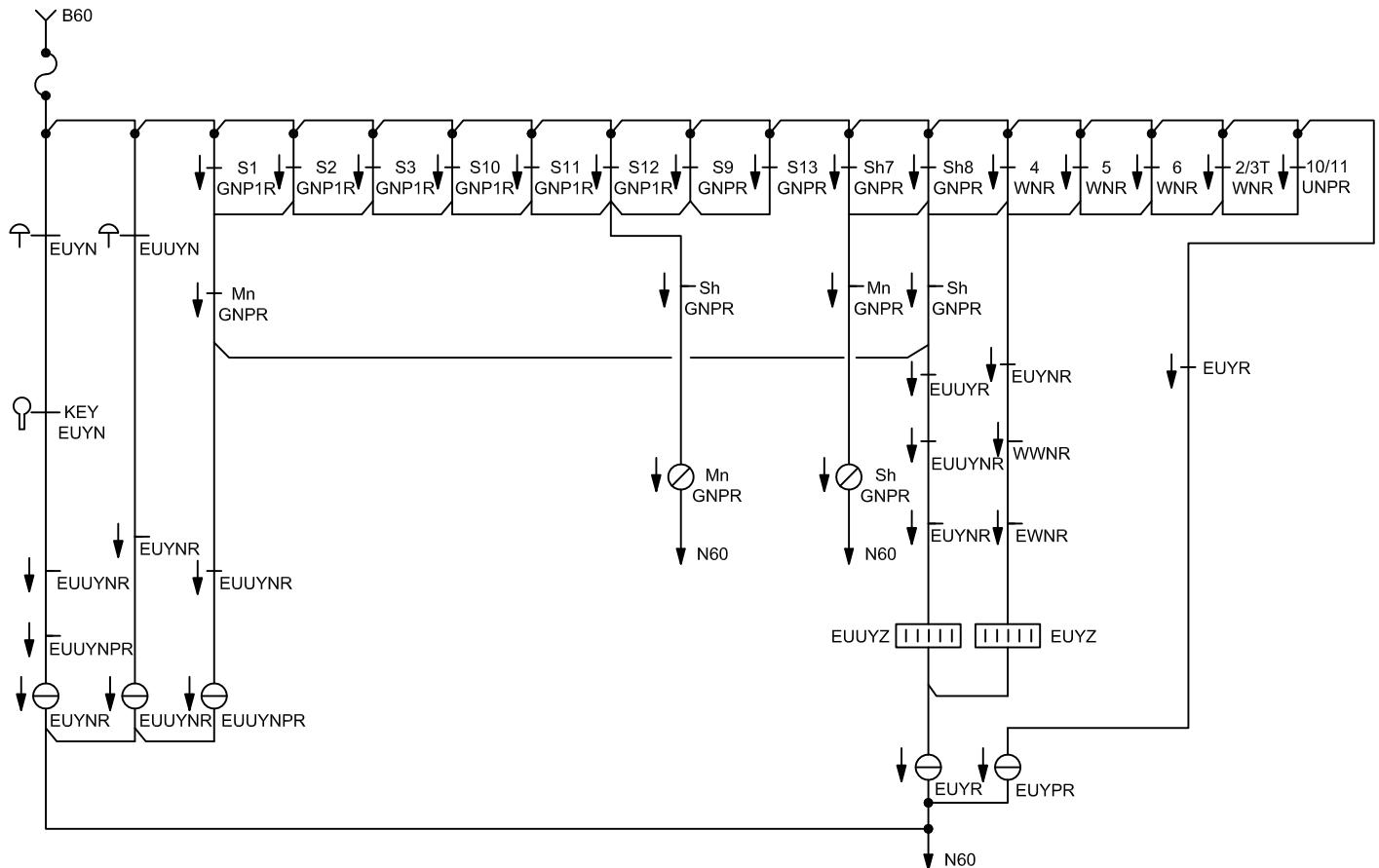


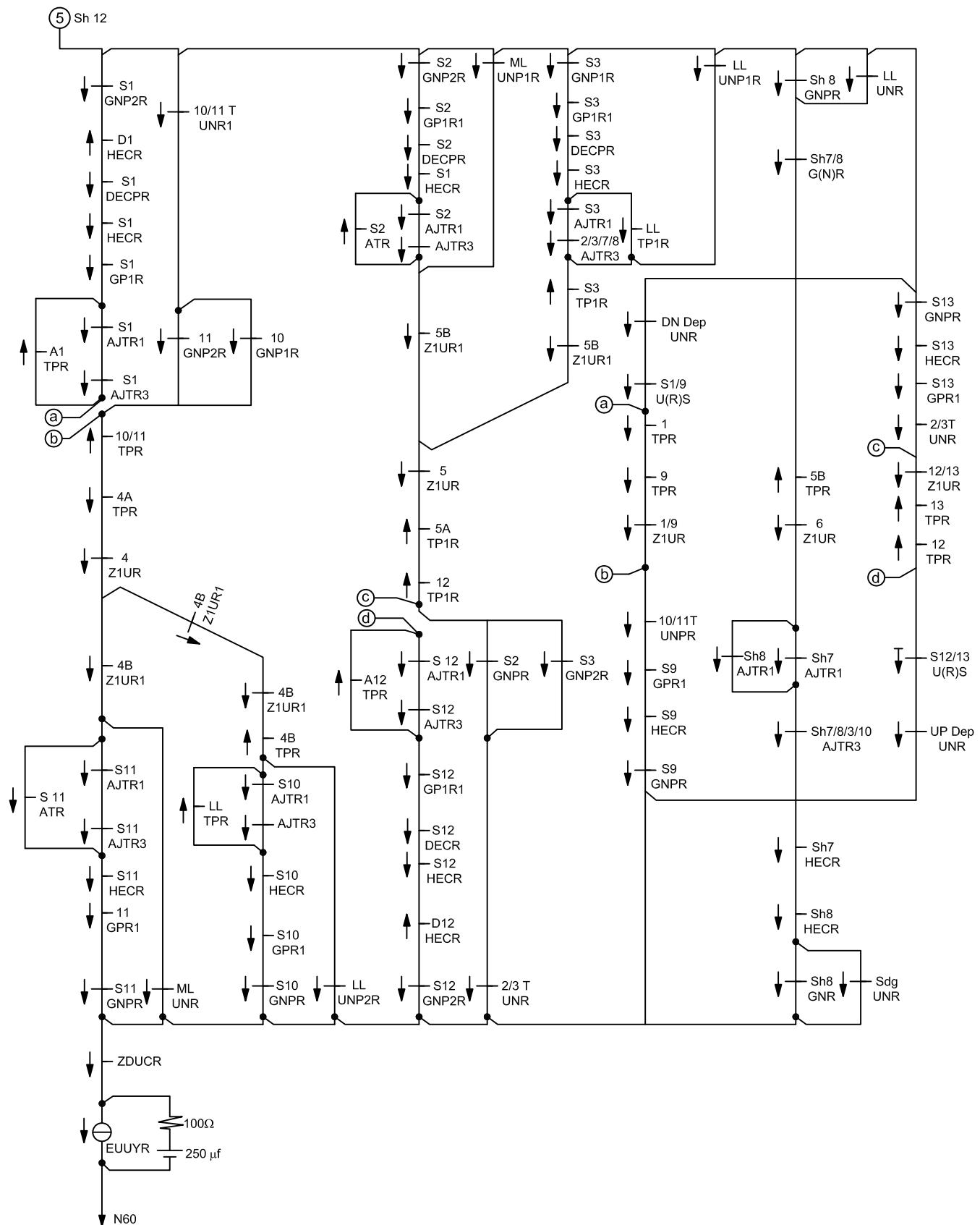


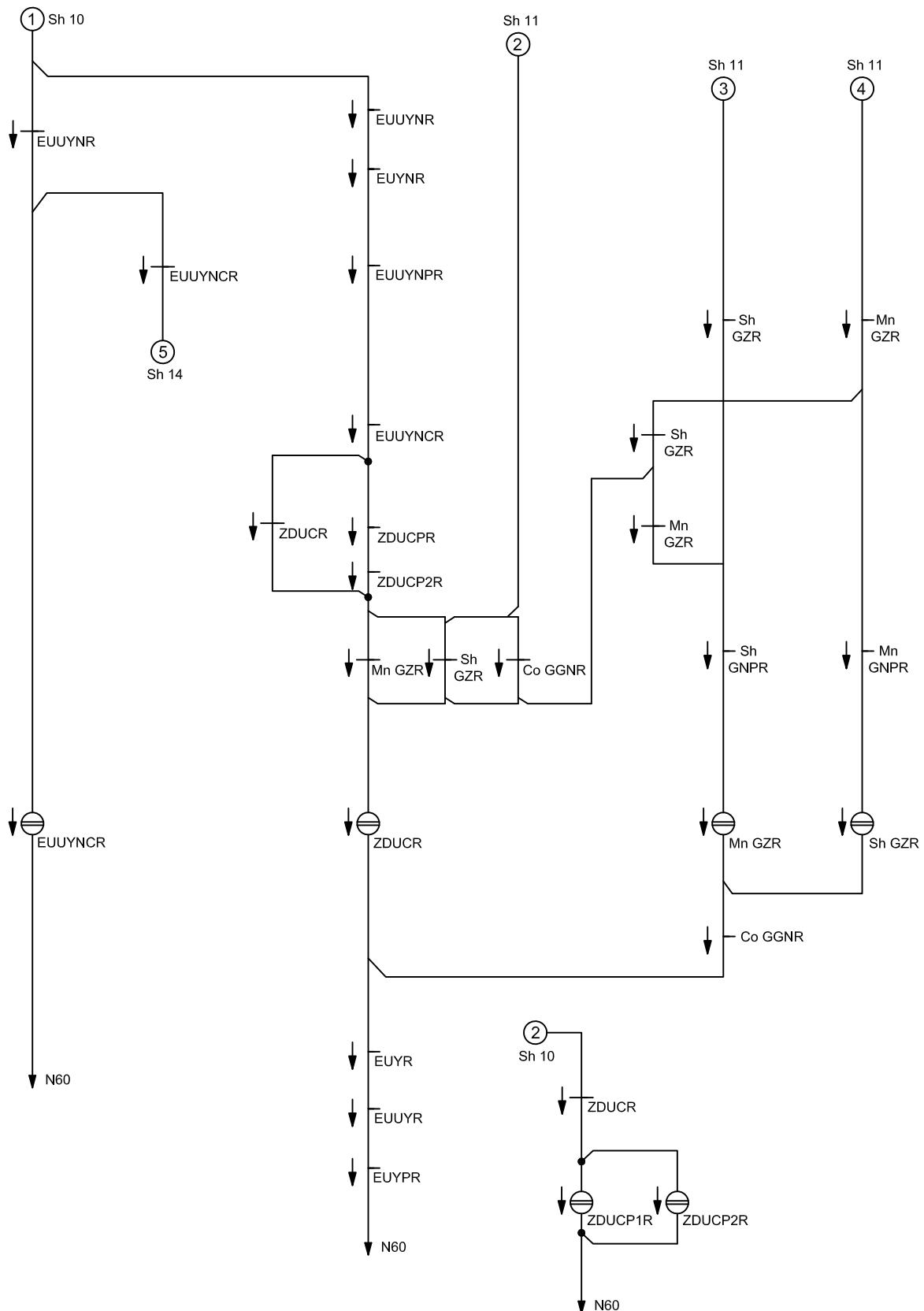


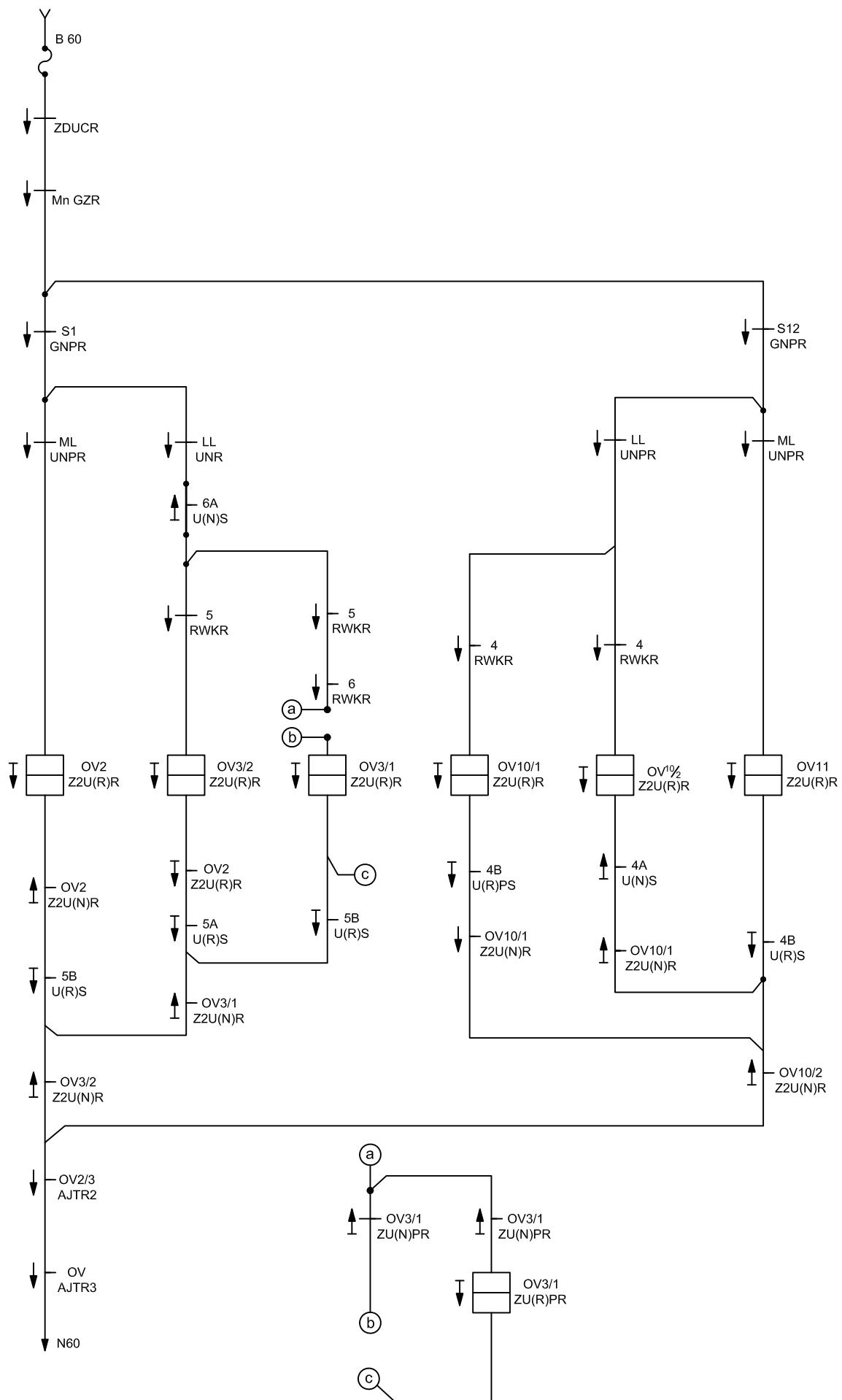


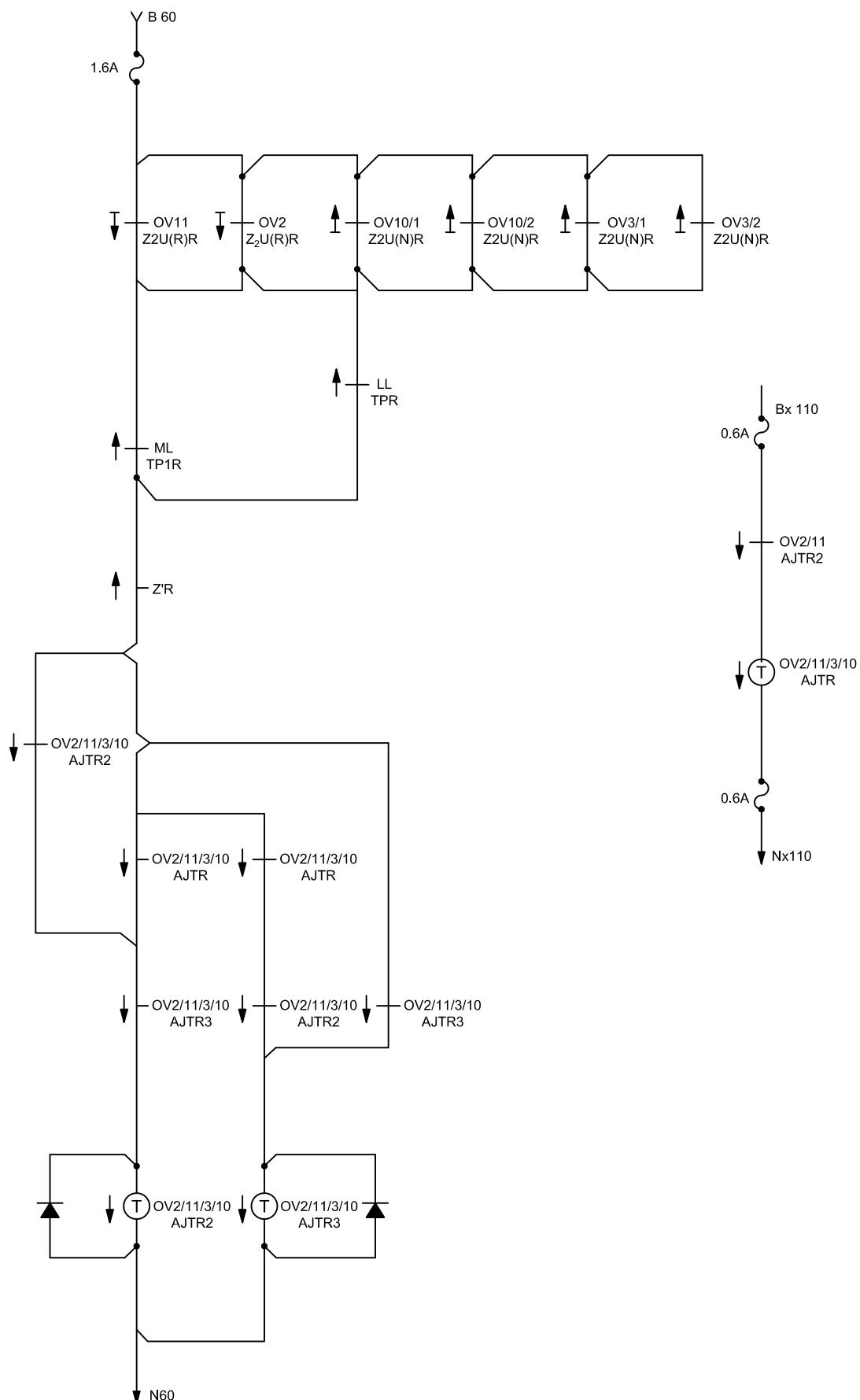


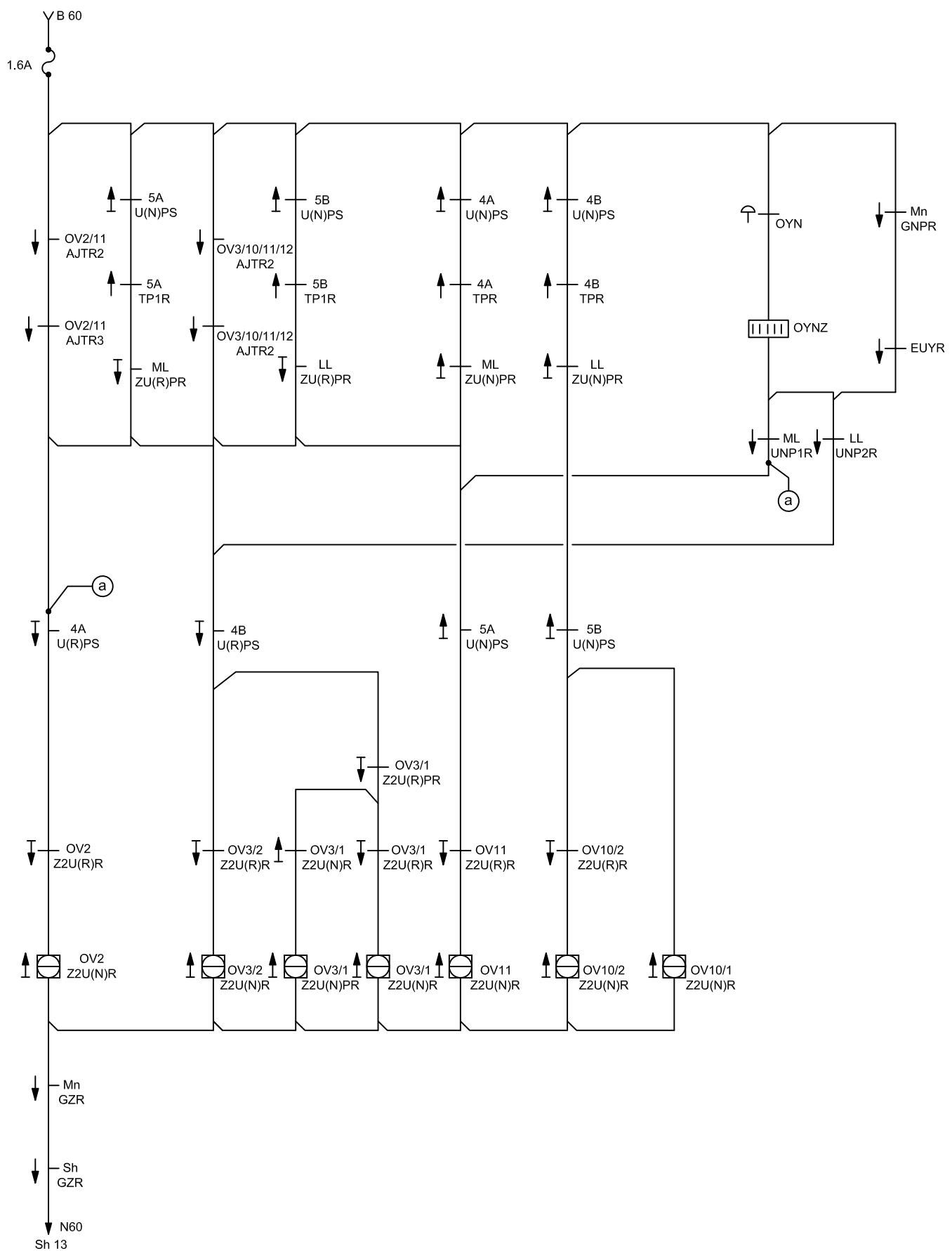


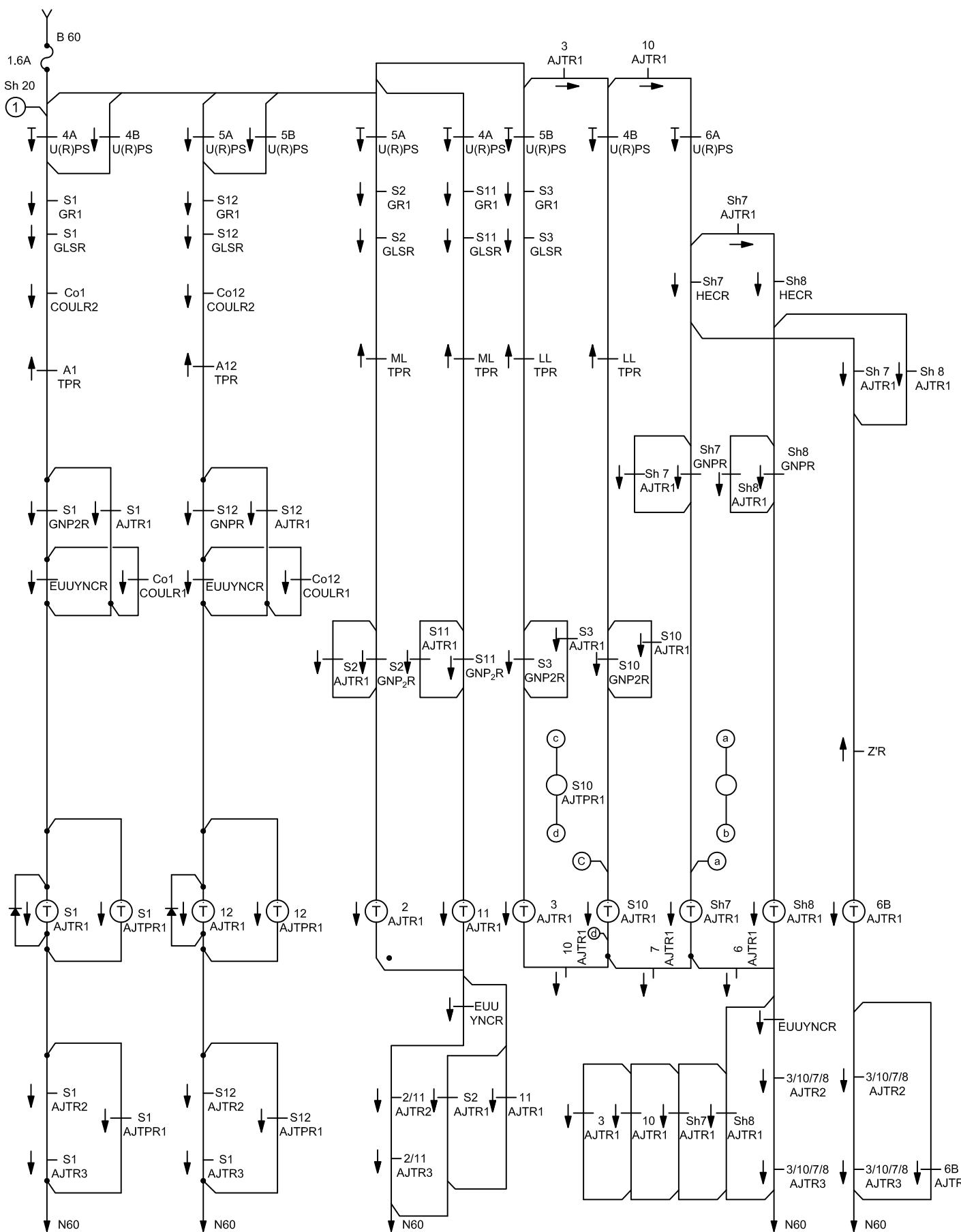


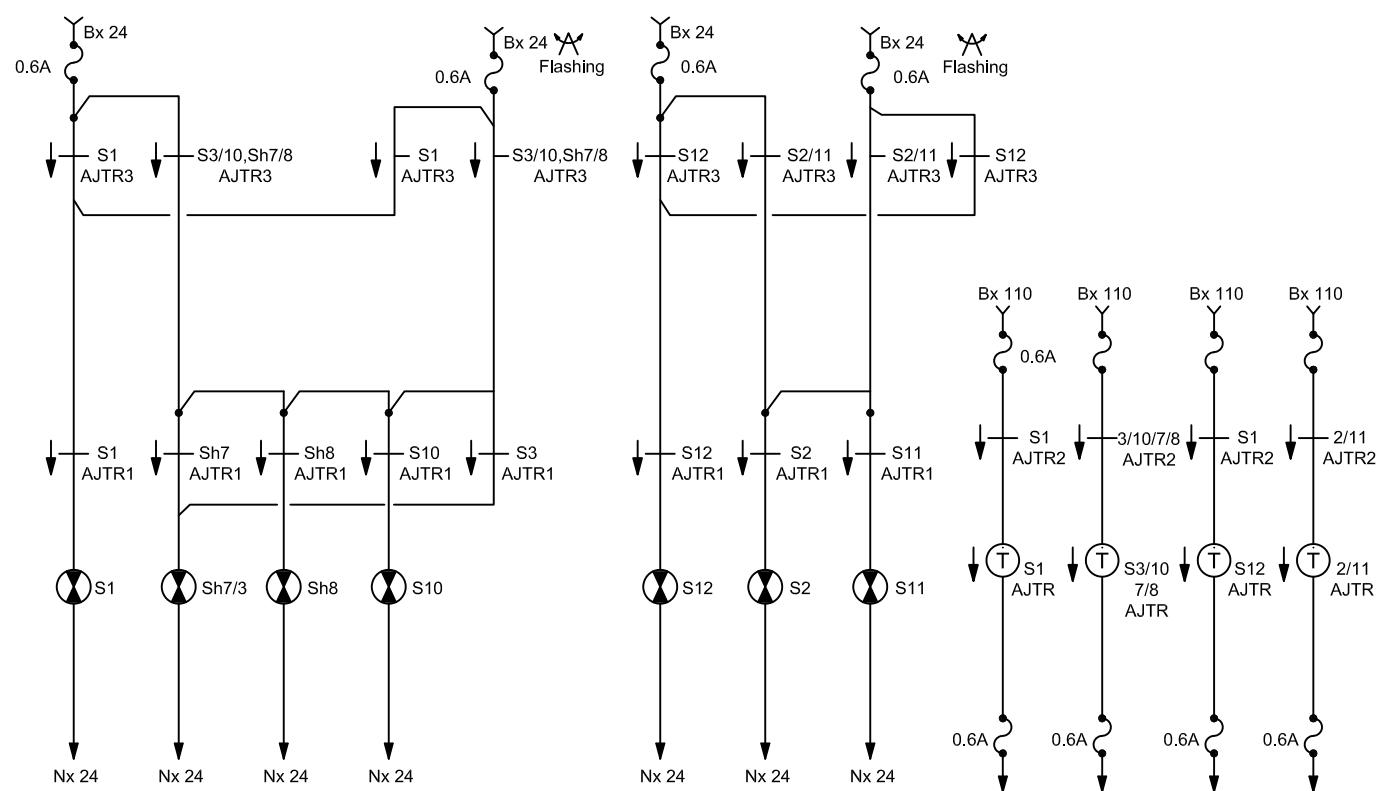
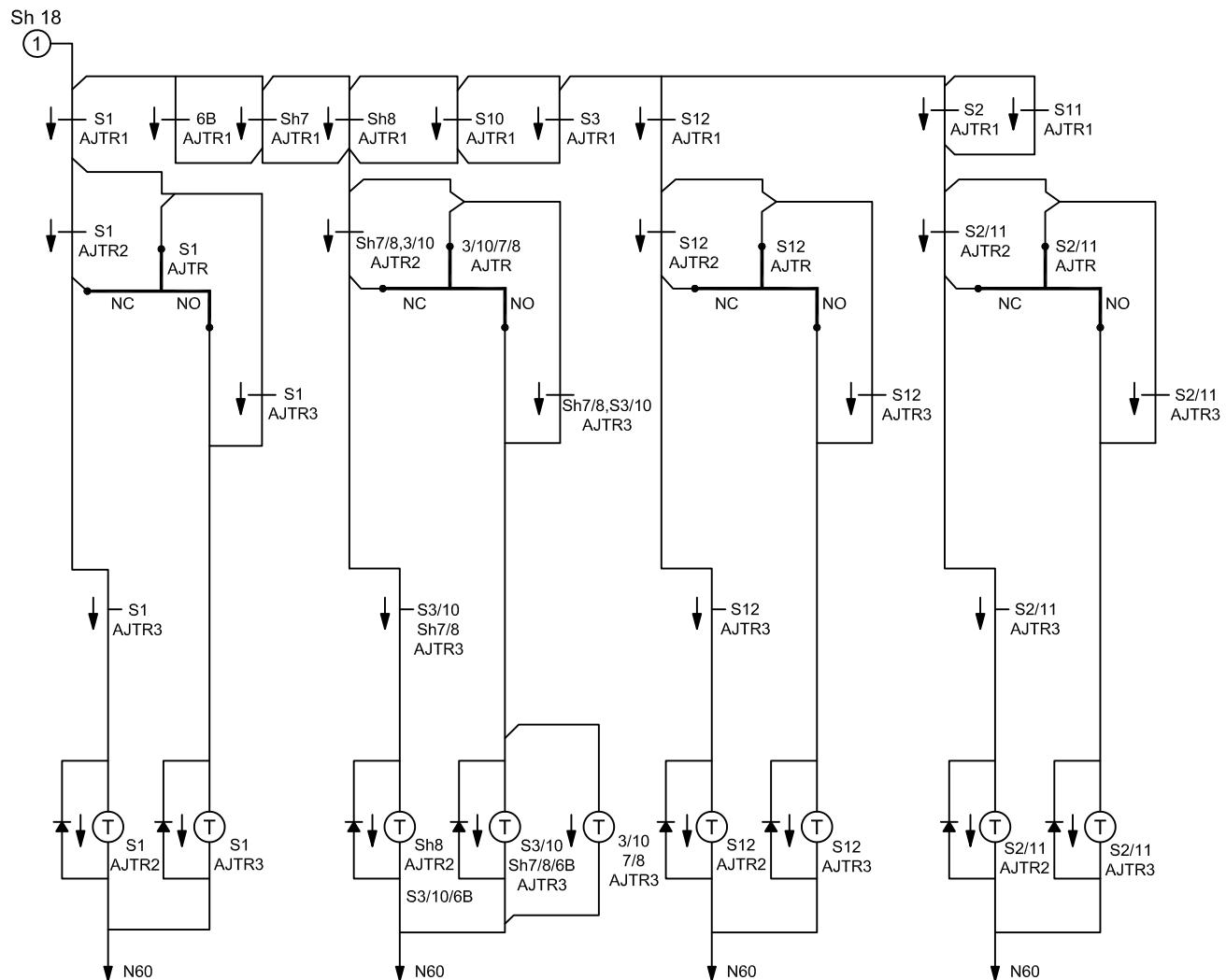


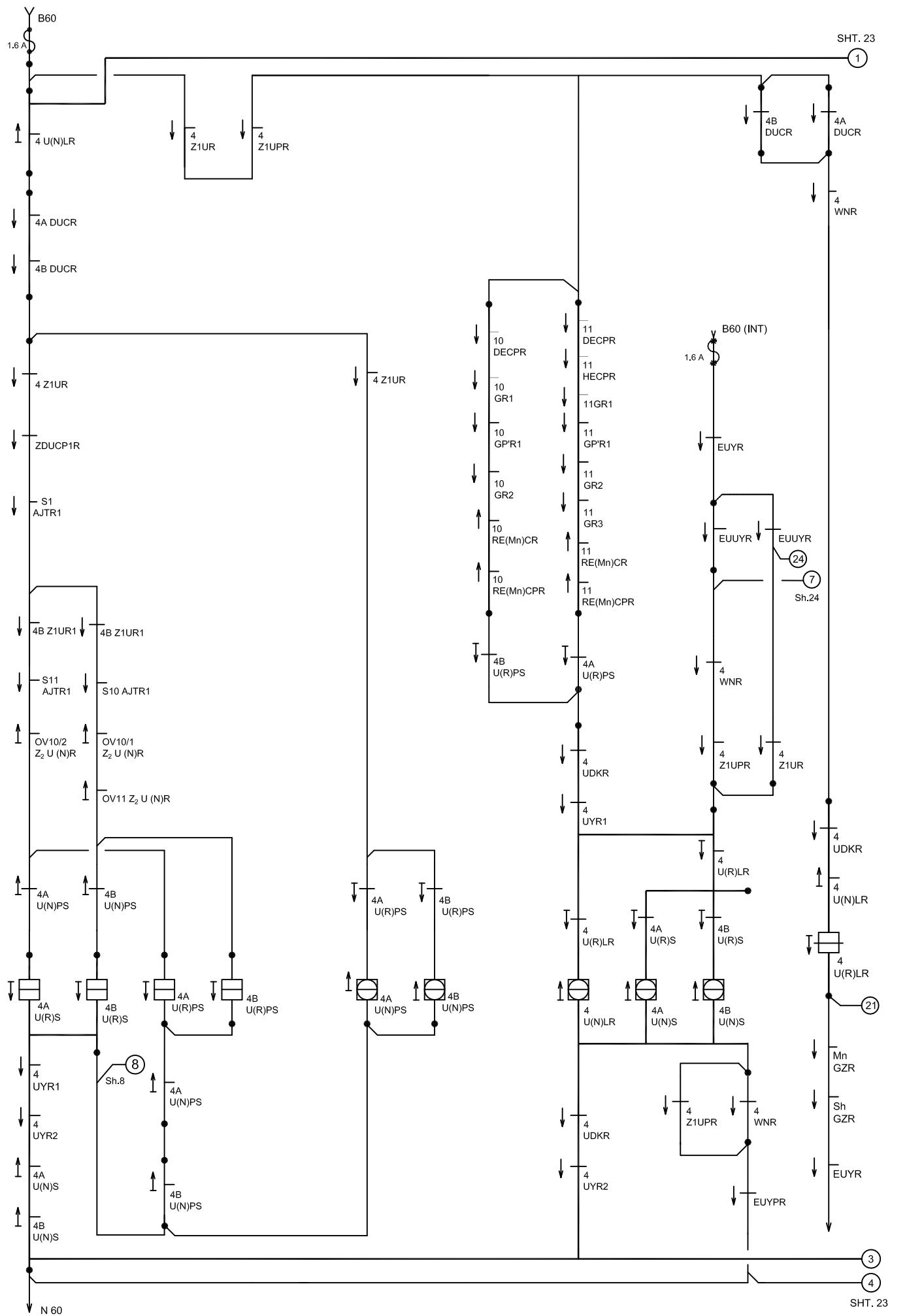


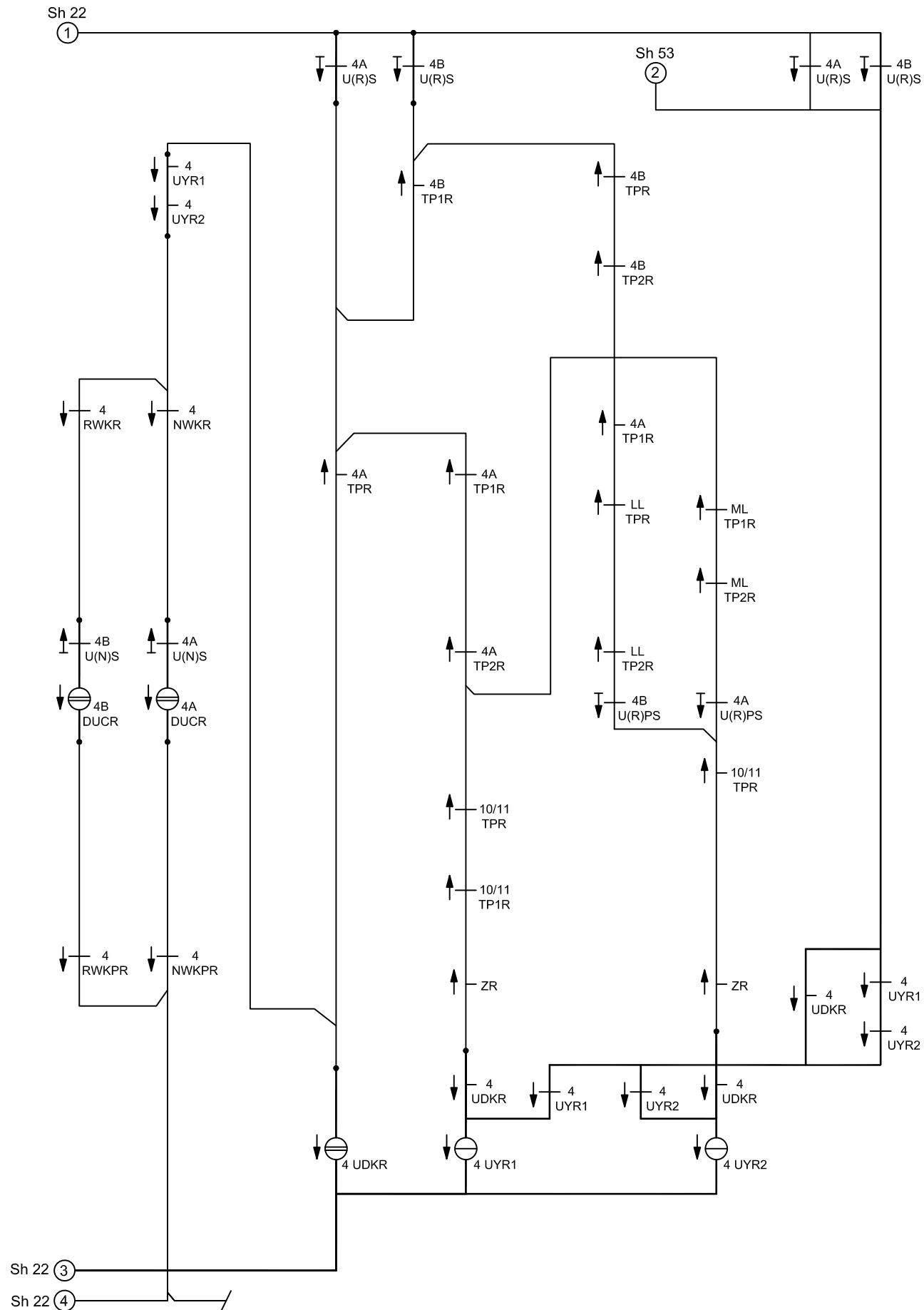


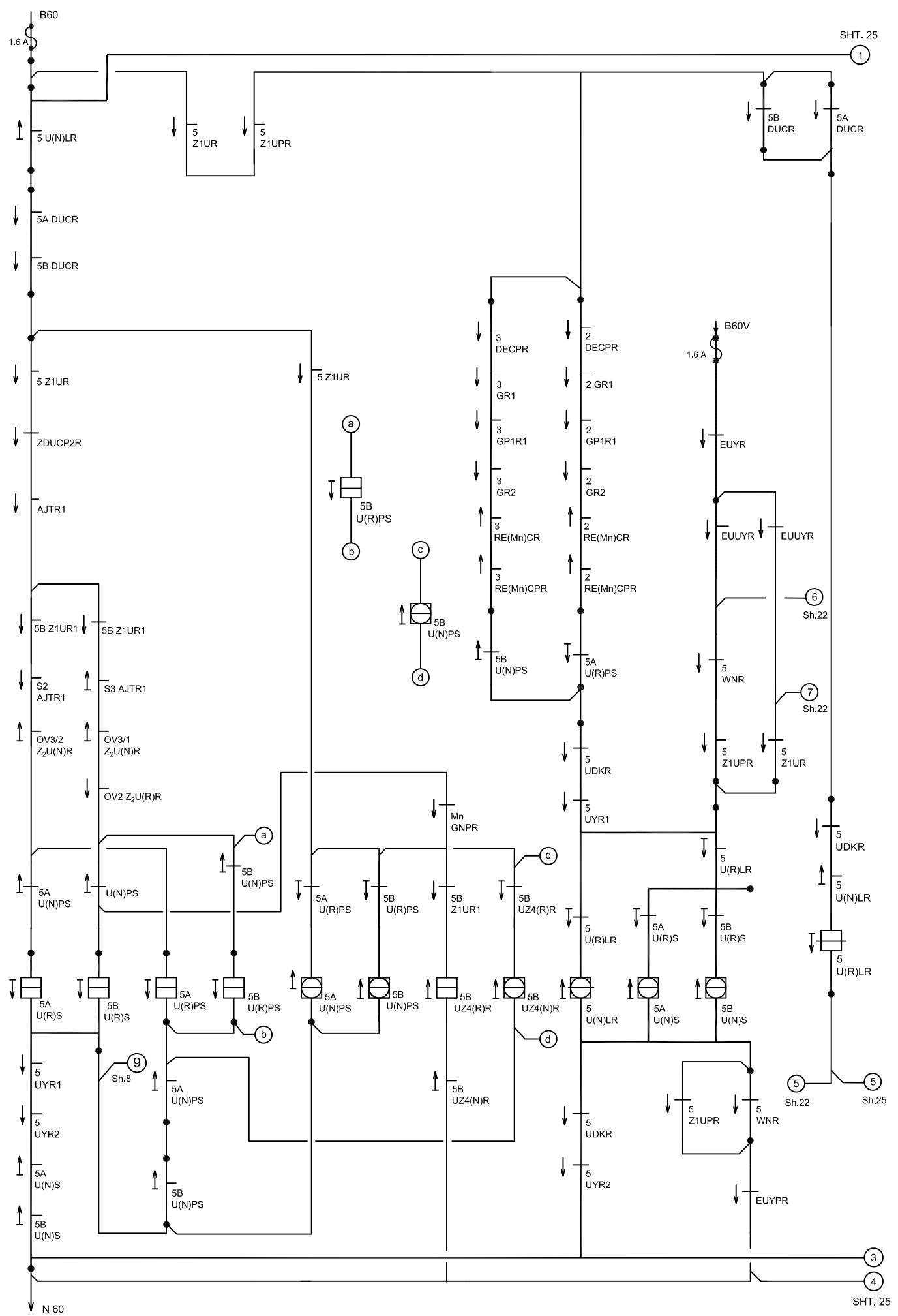




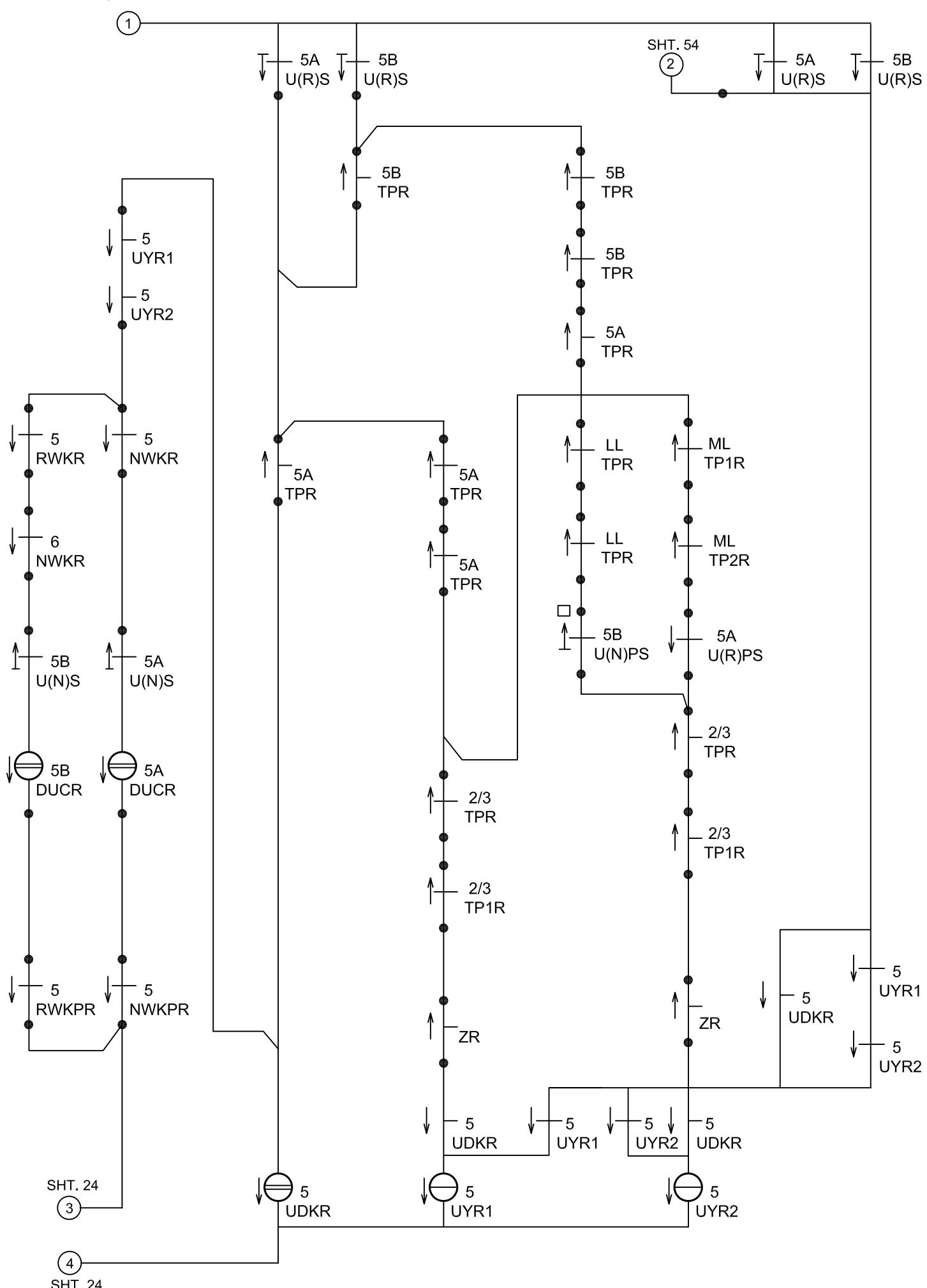


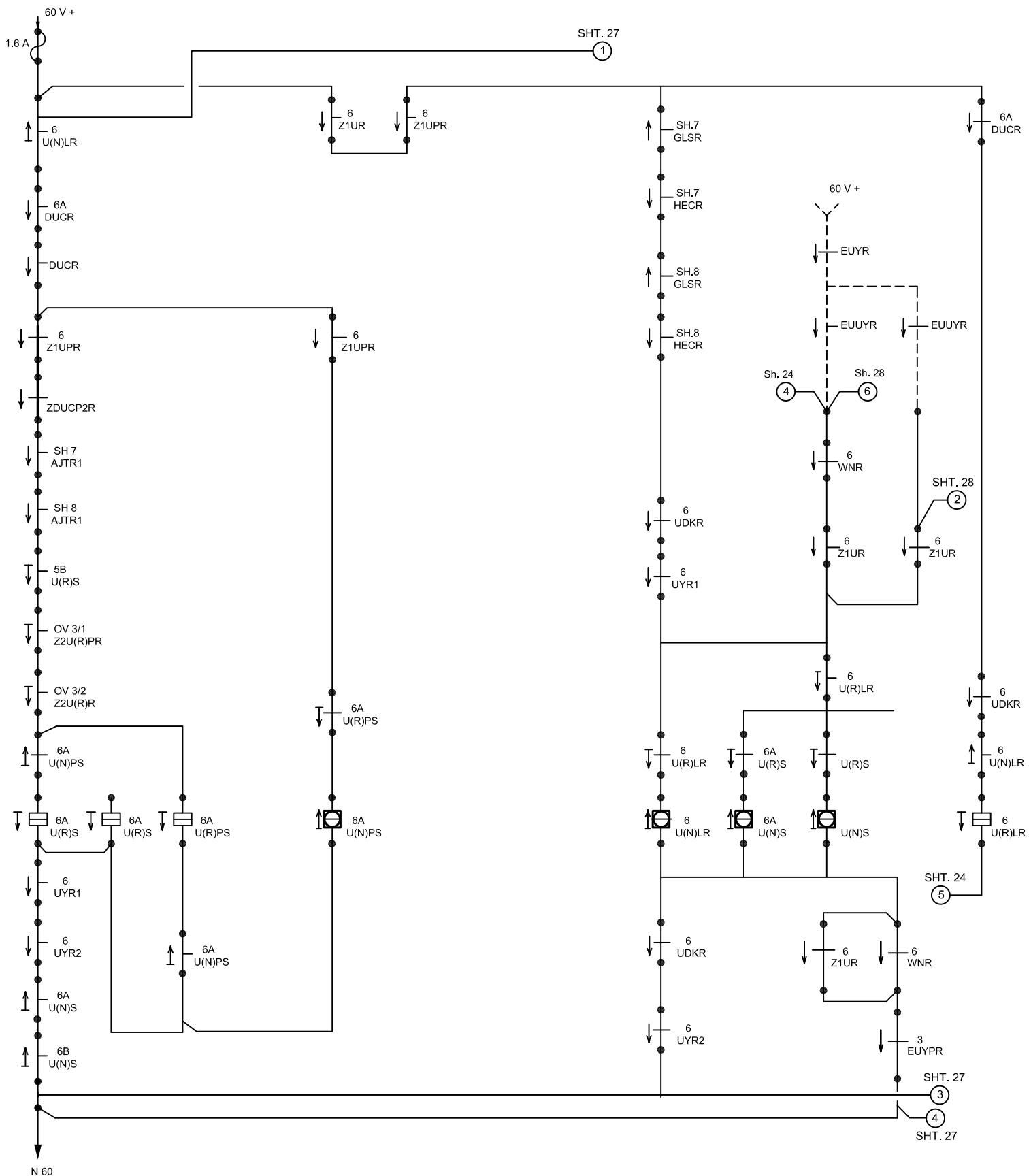




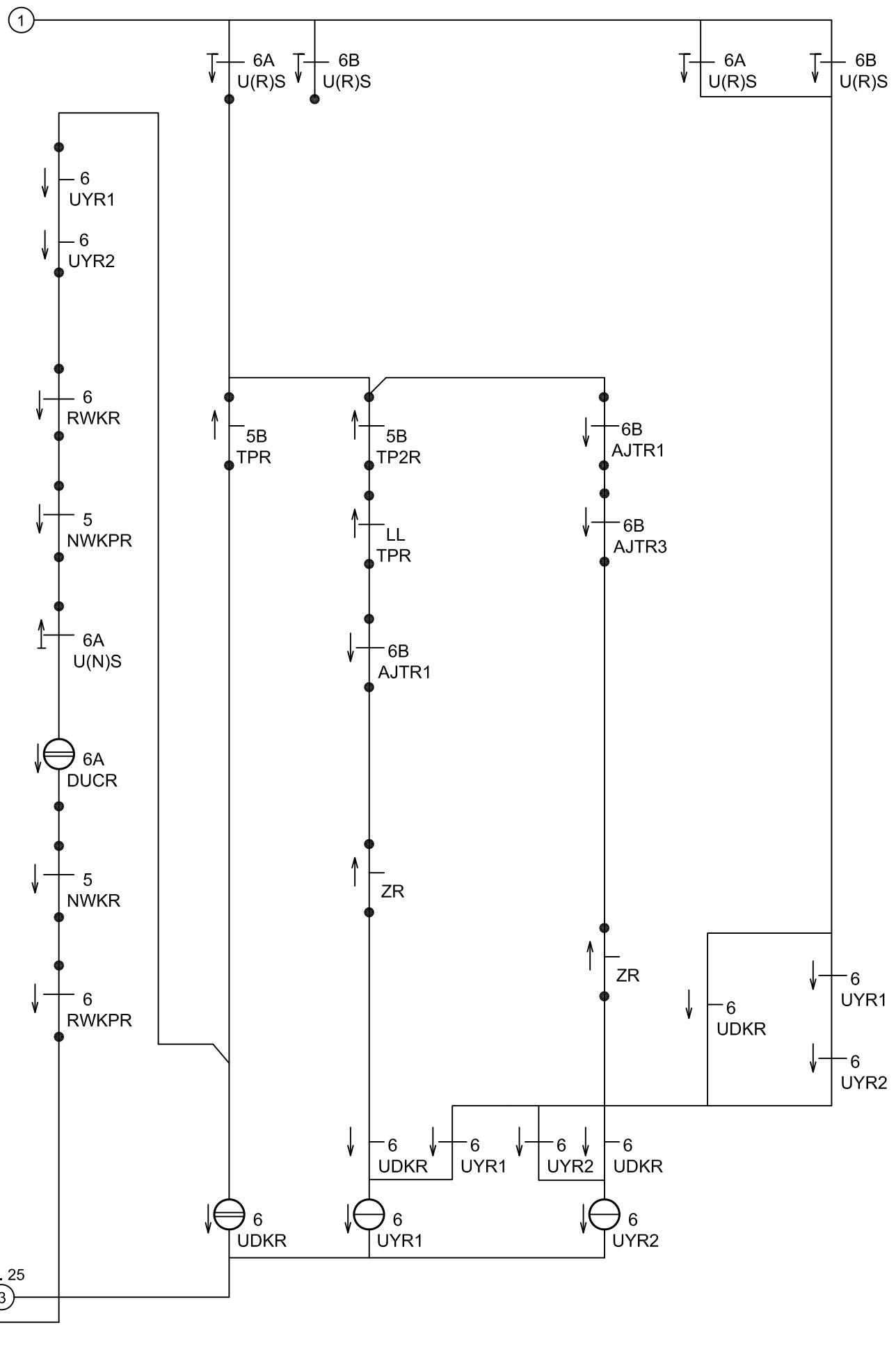


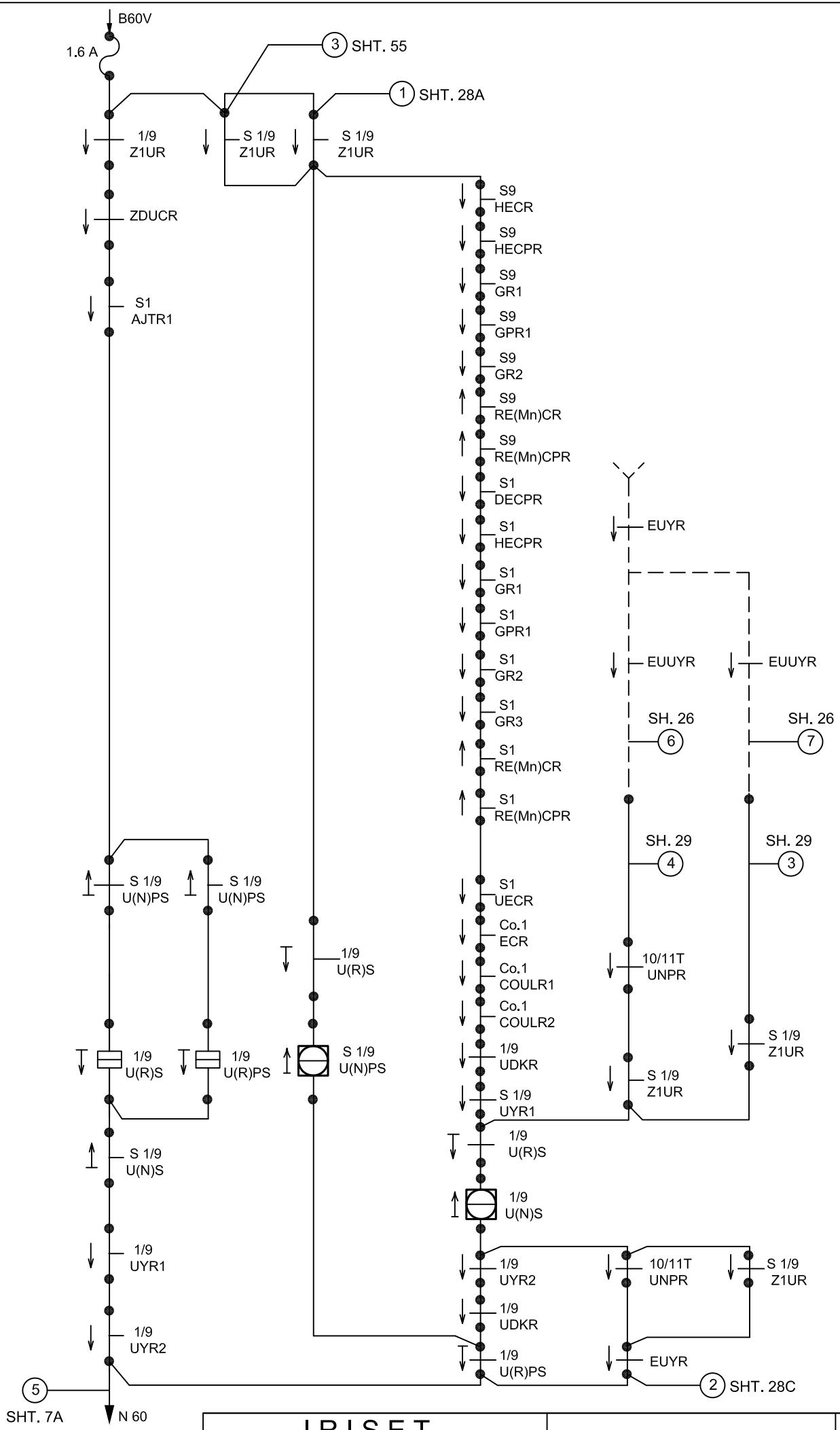
SHT. 24

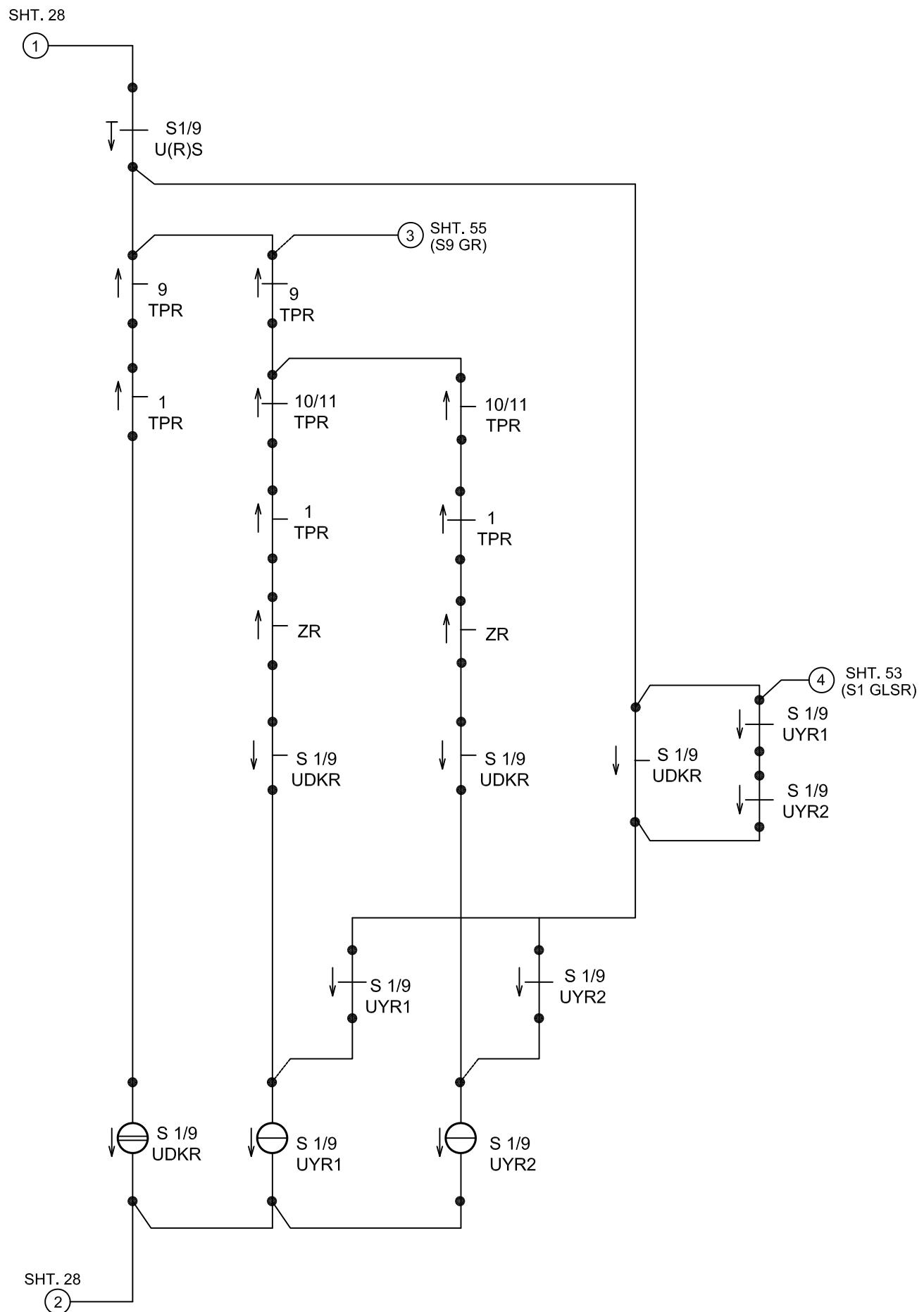


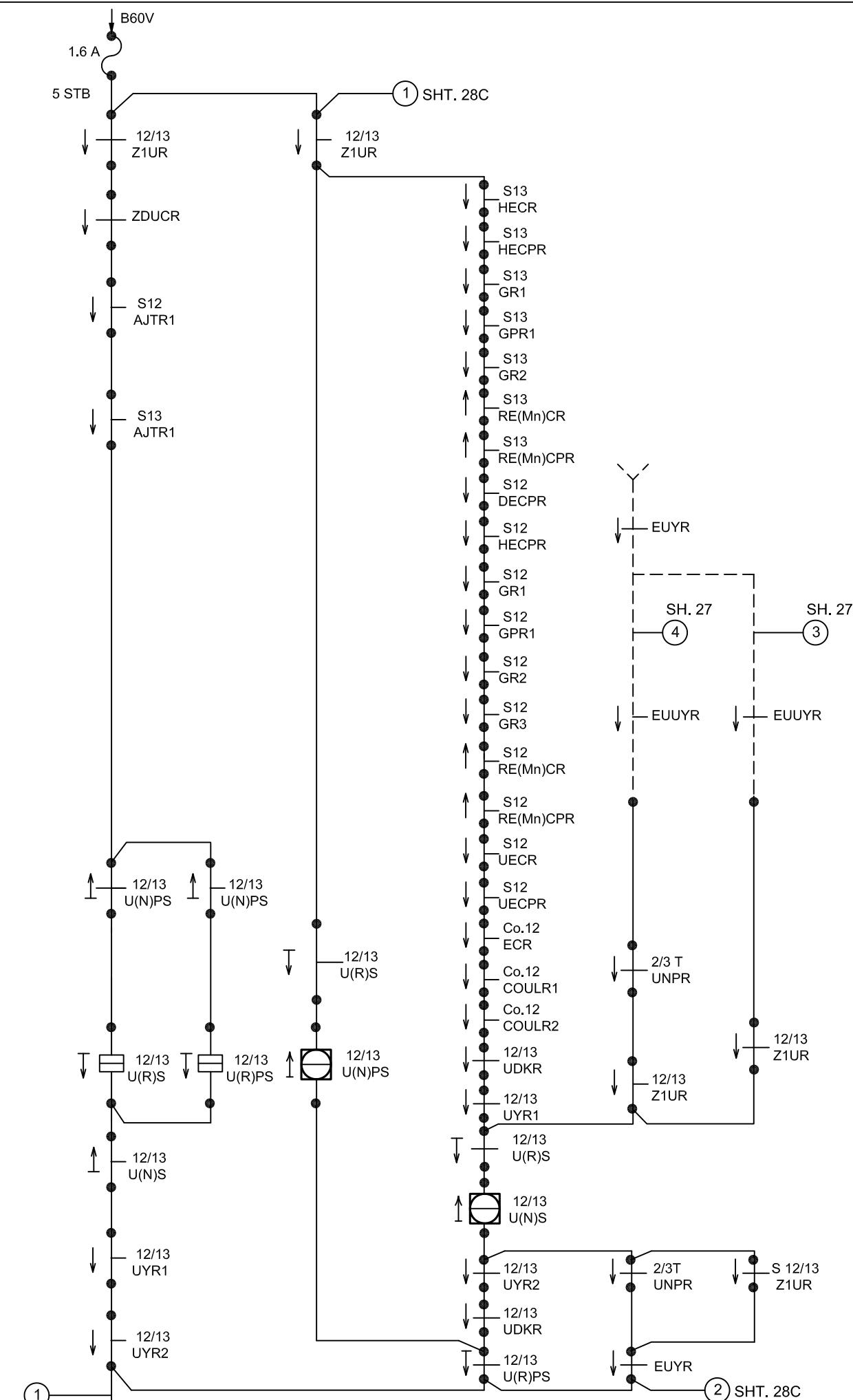


SHT. 26

SHT. 25
SHT. 25







SHT. 45

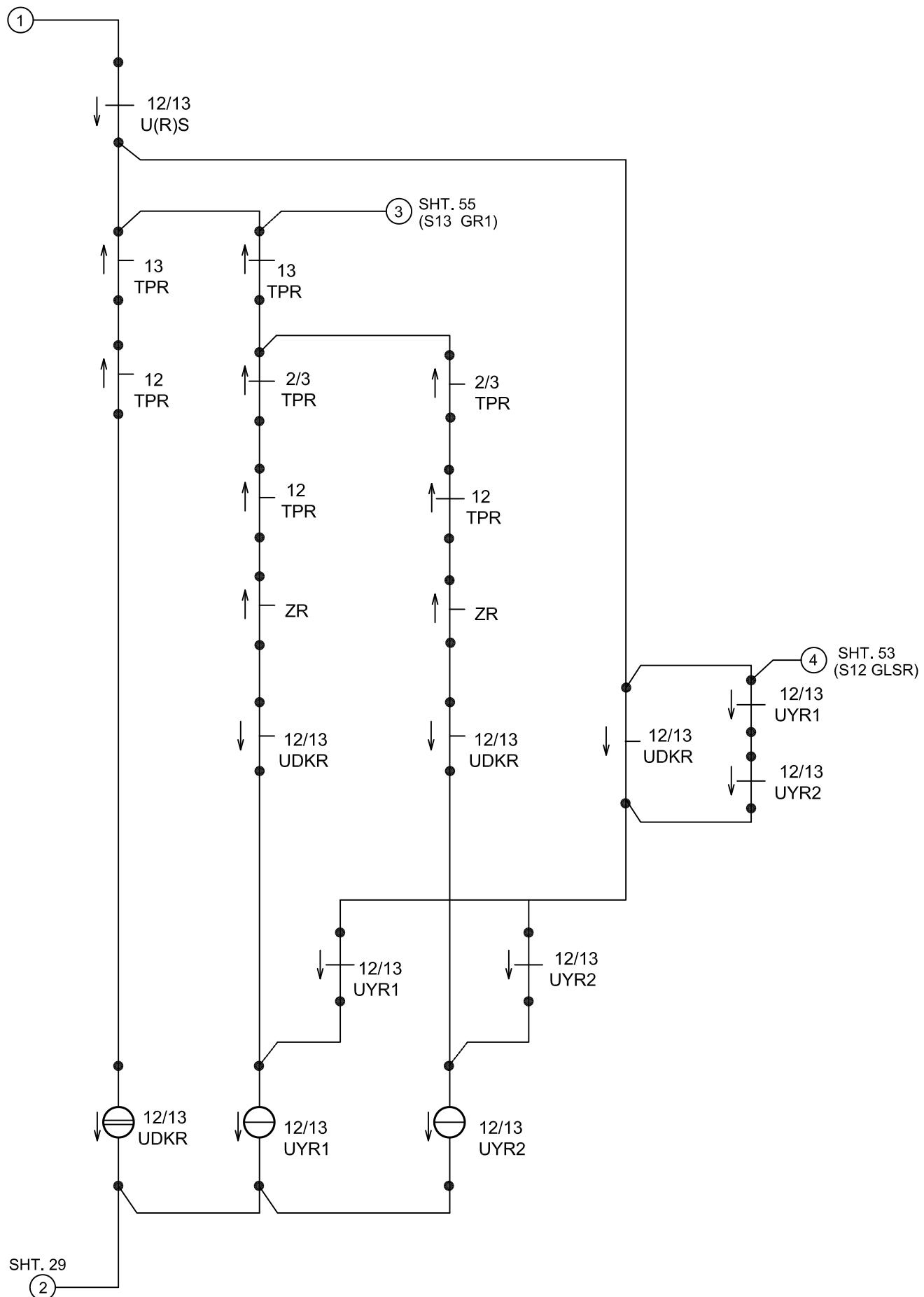
Page No:29

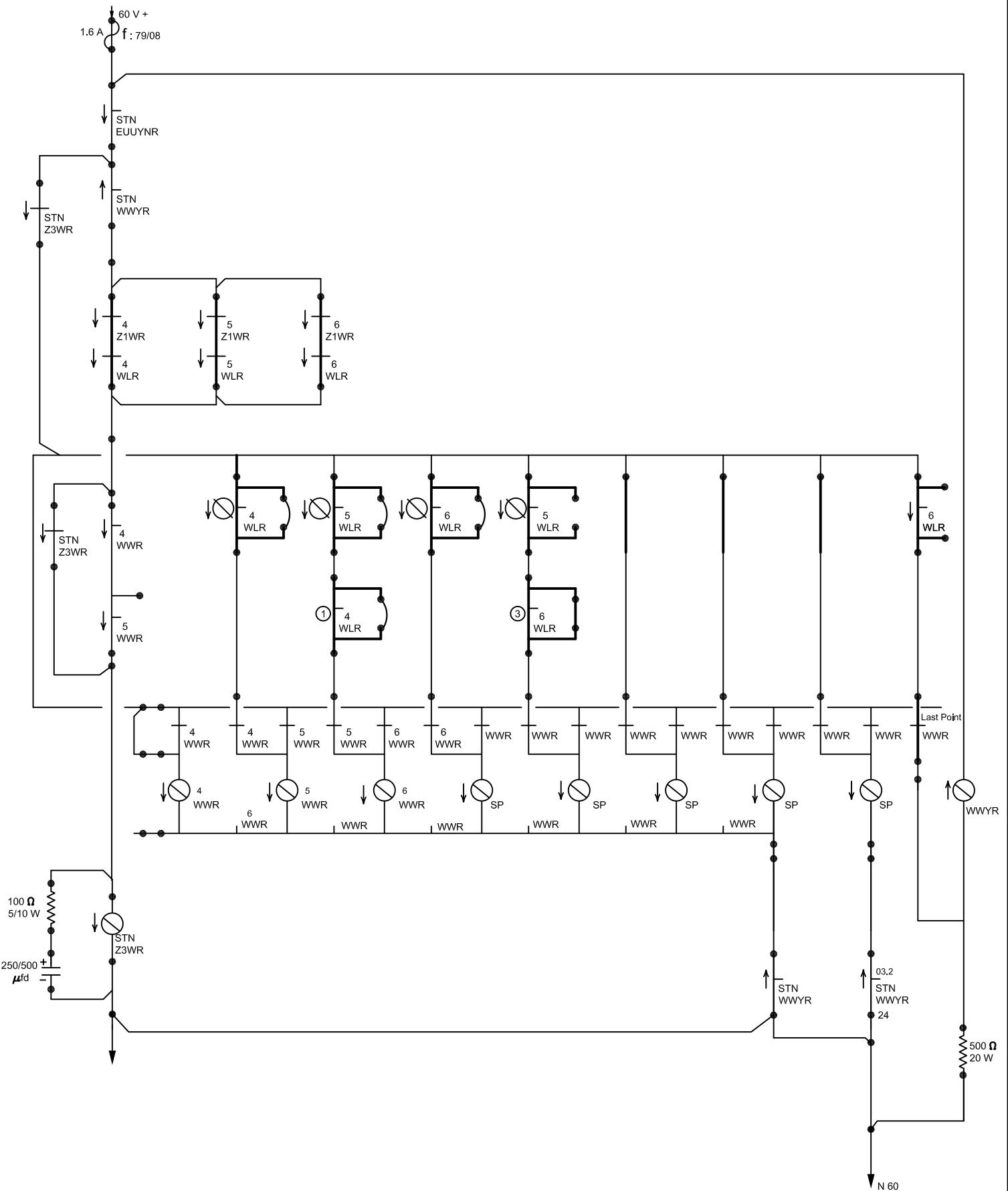
IRISET

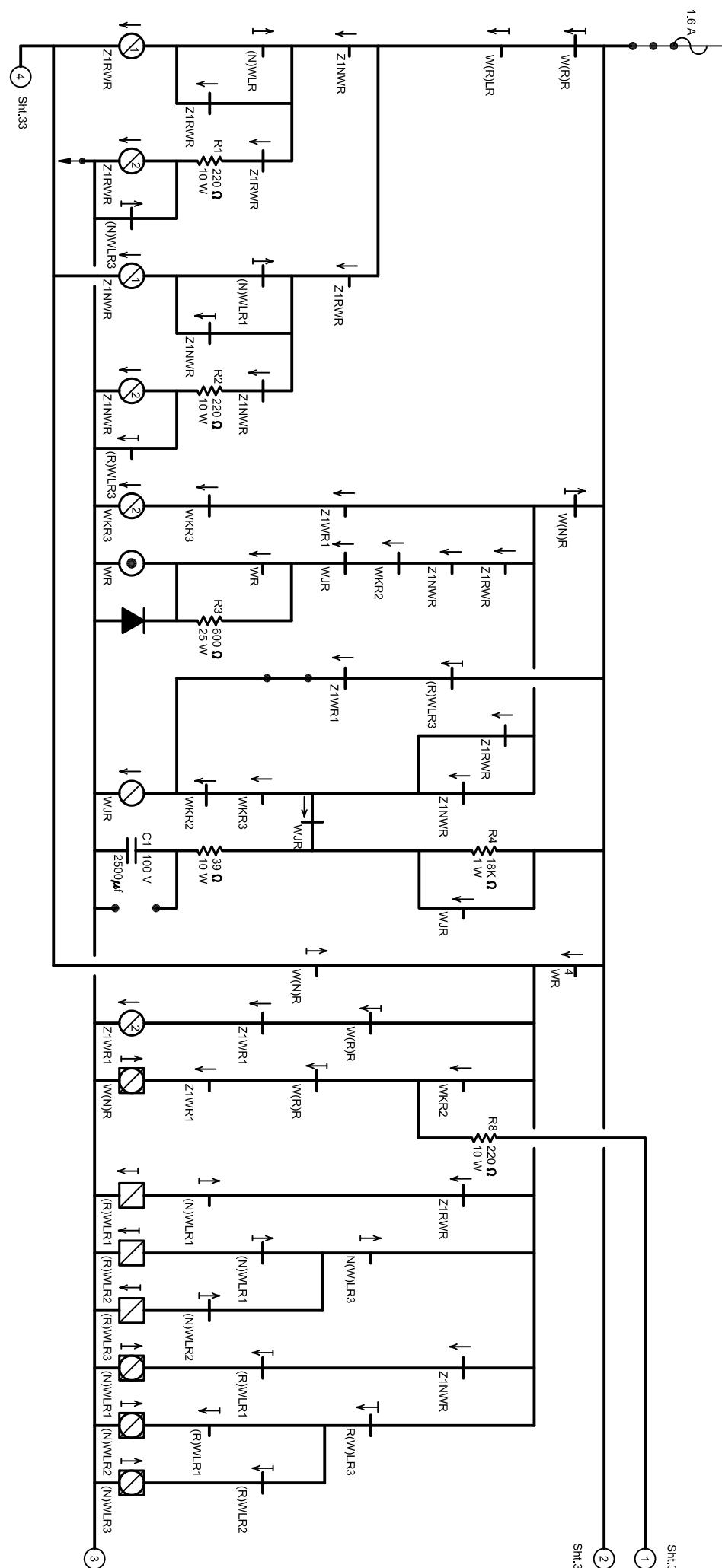
SUB ROUTE 12/13

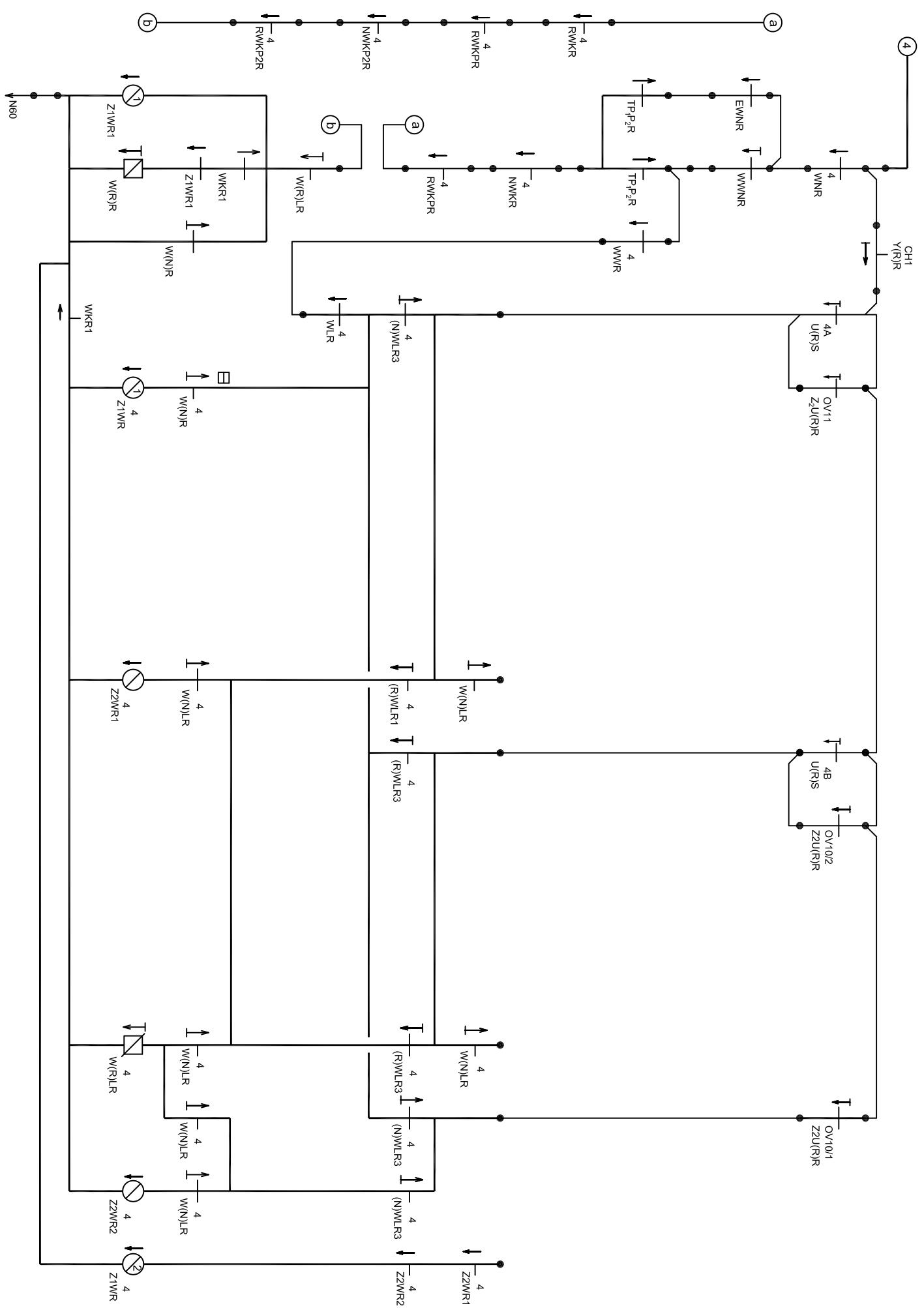
**SHT NO.
28B**

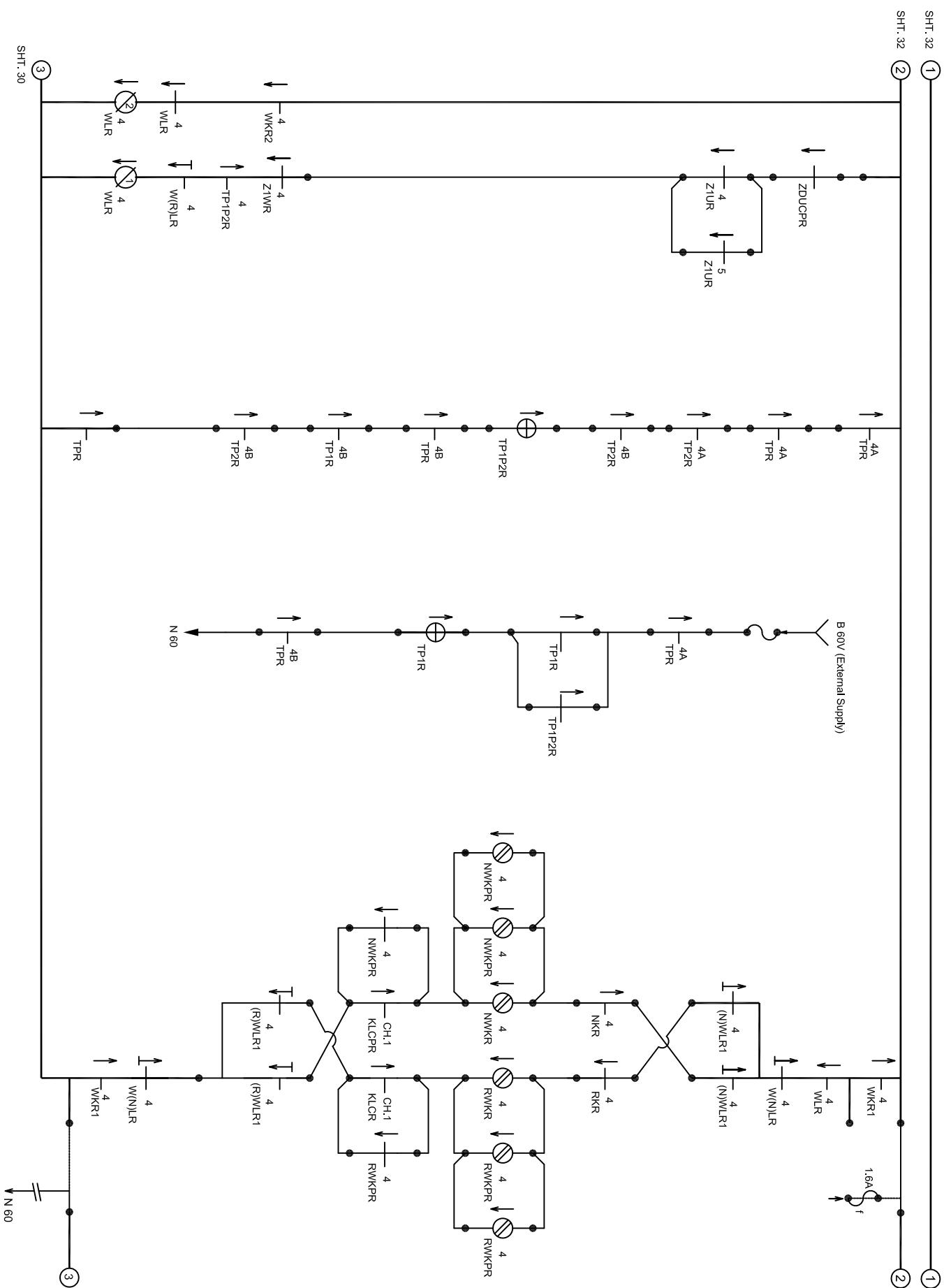
SHT. 28B

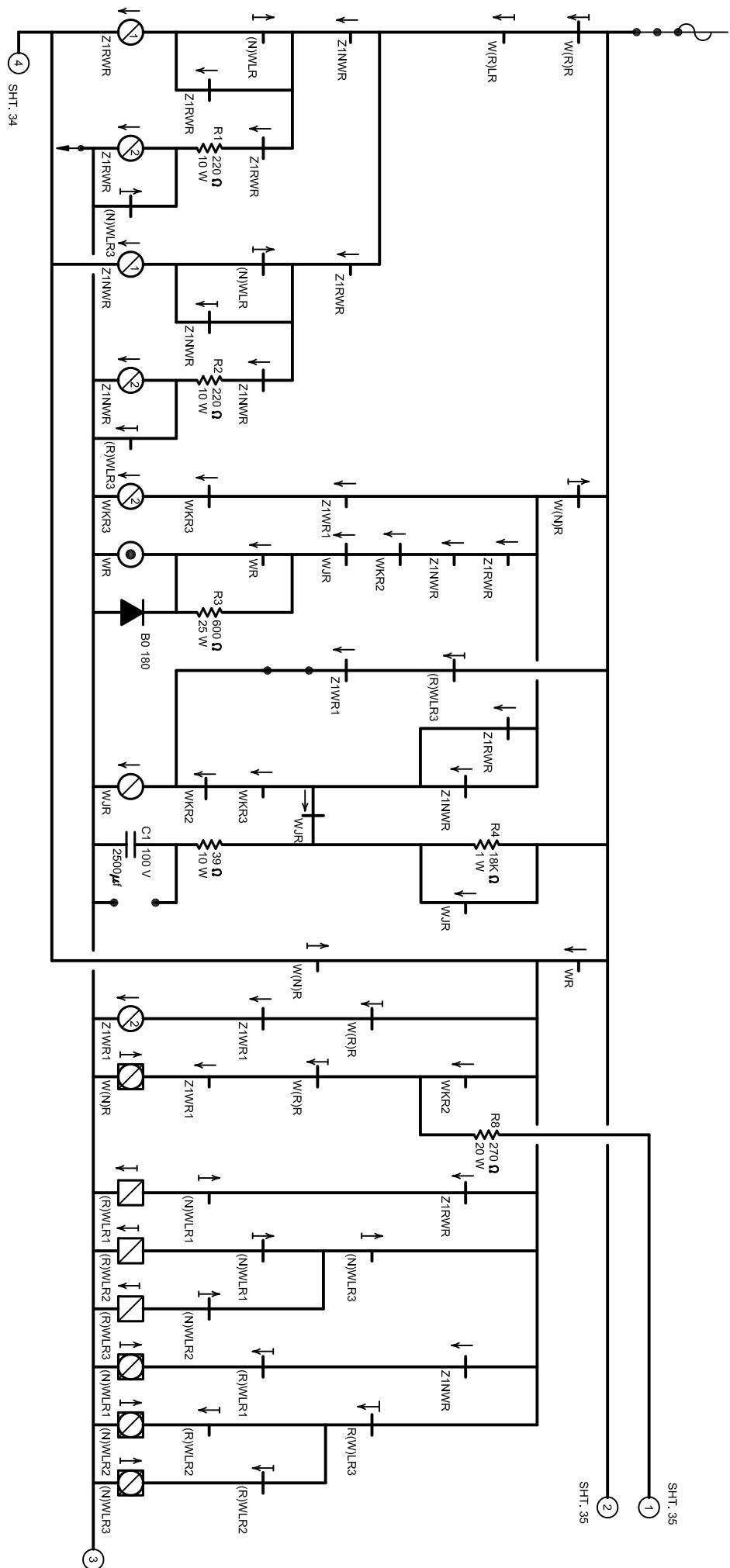




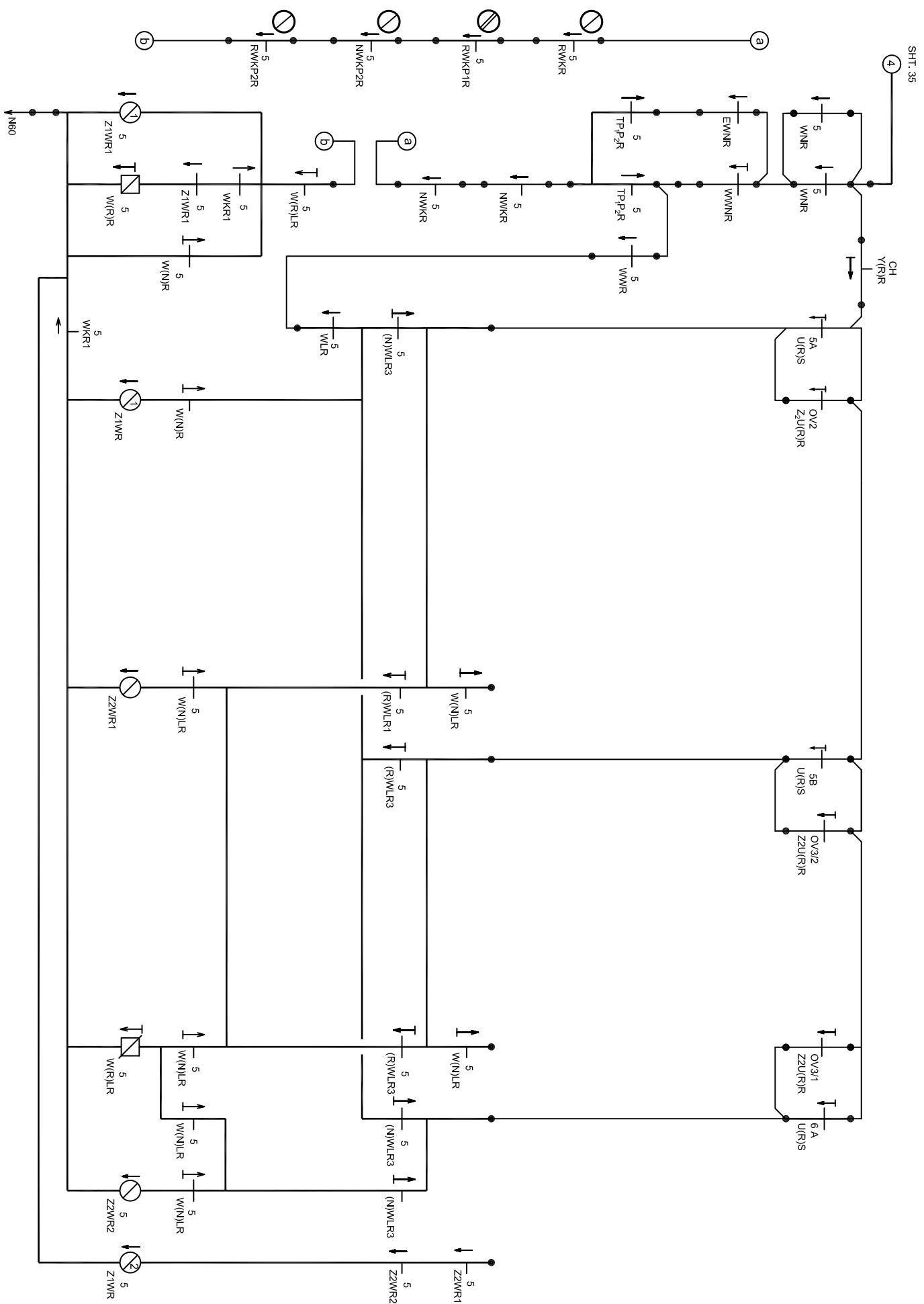


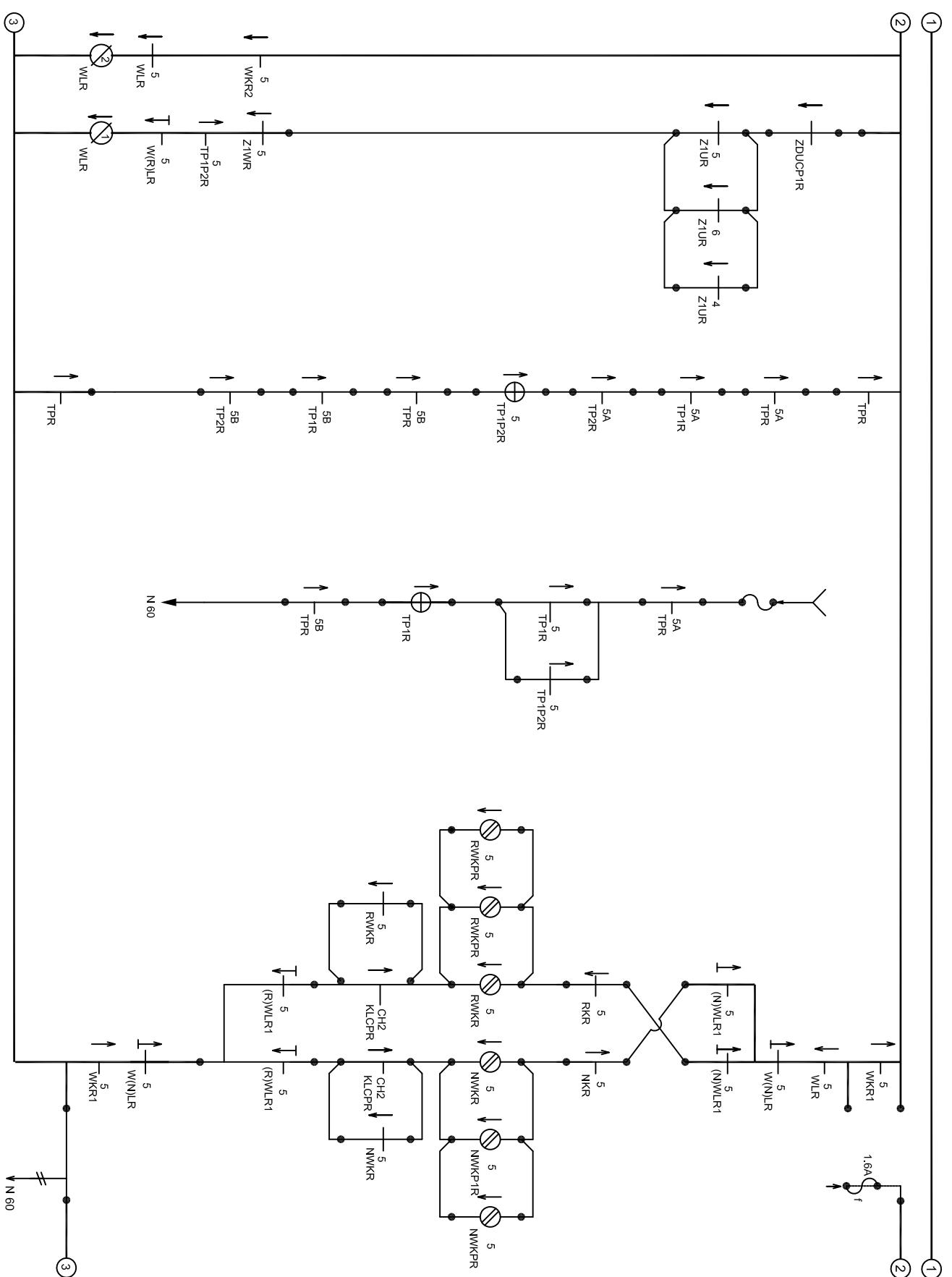


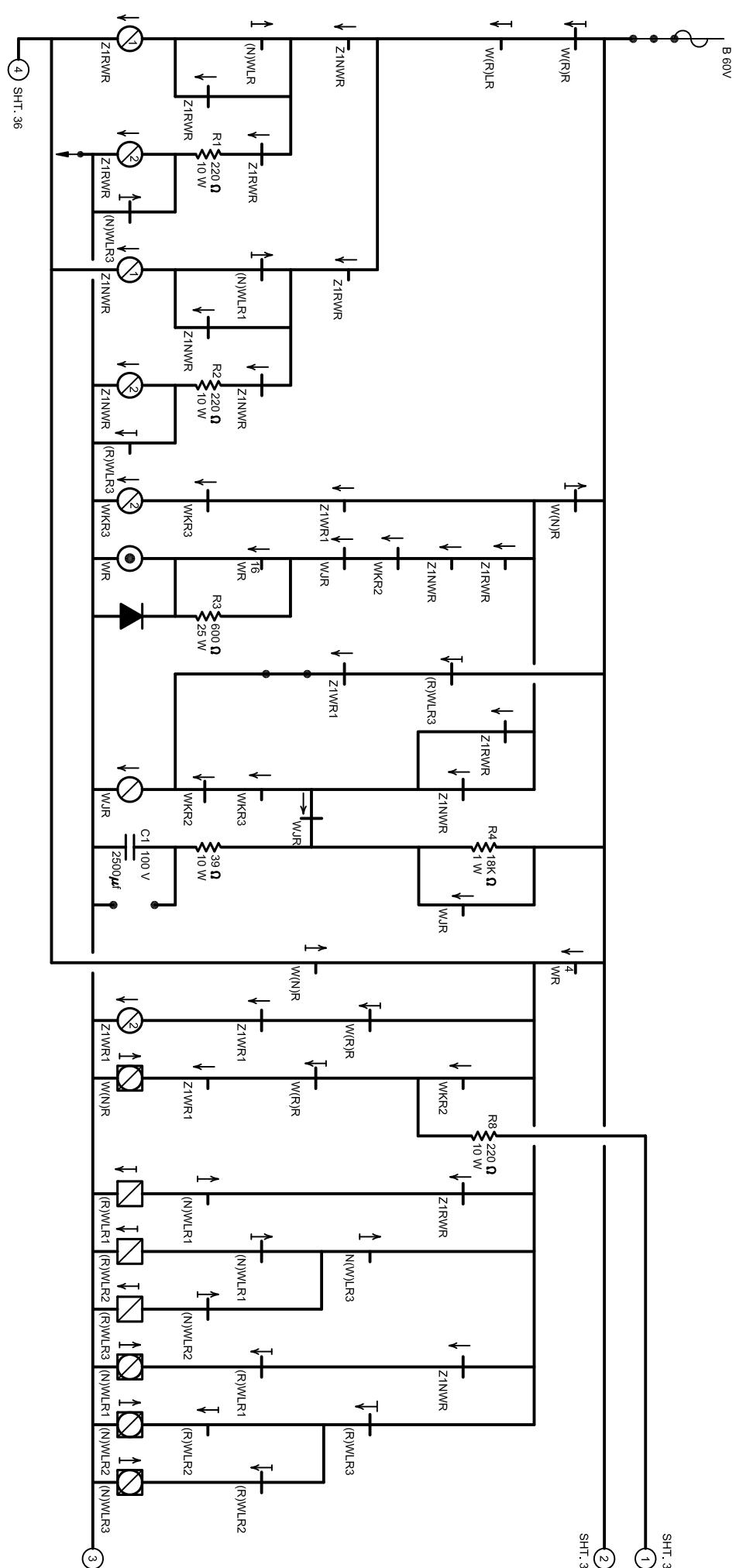


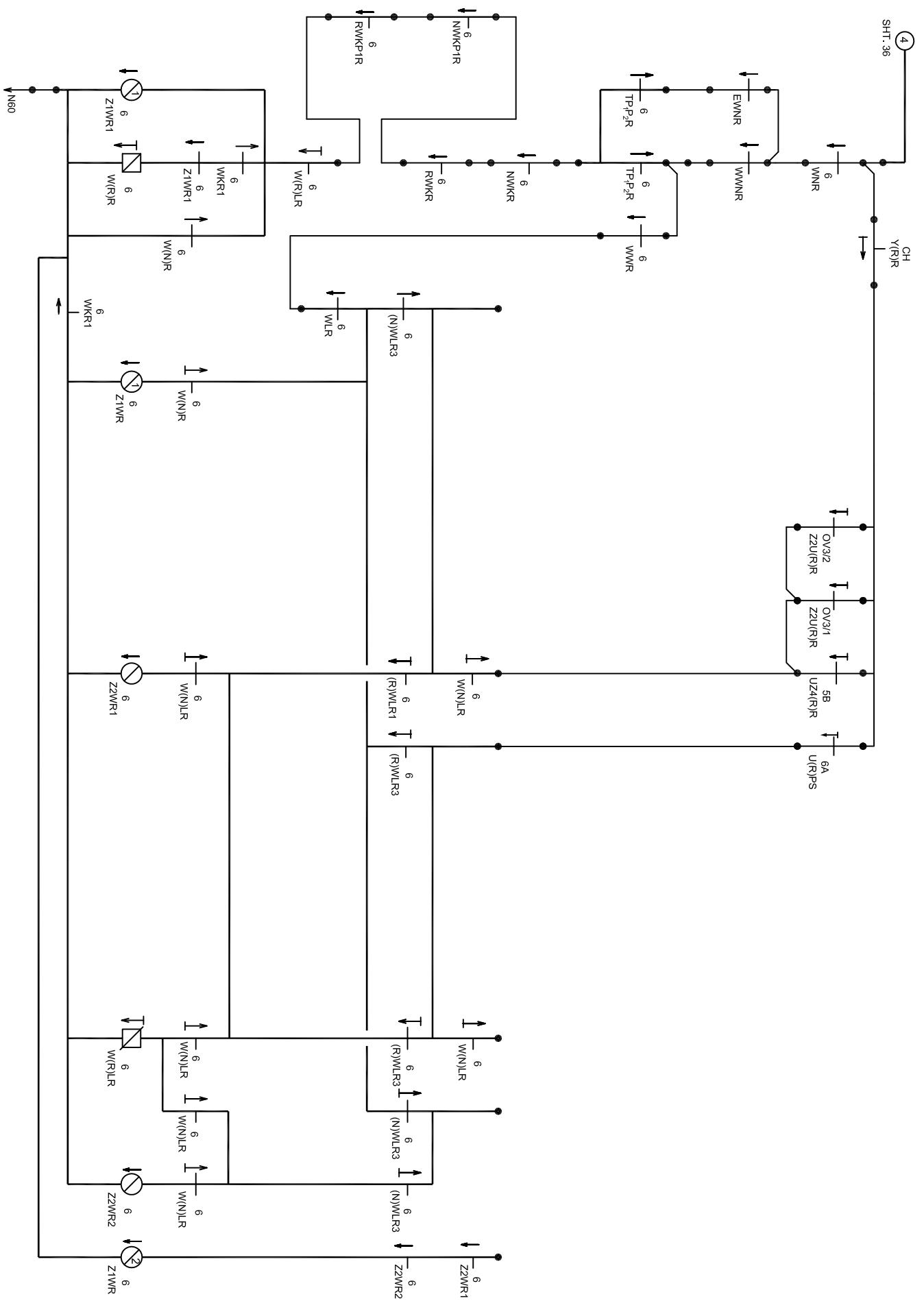


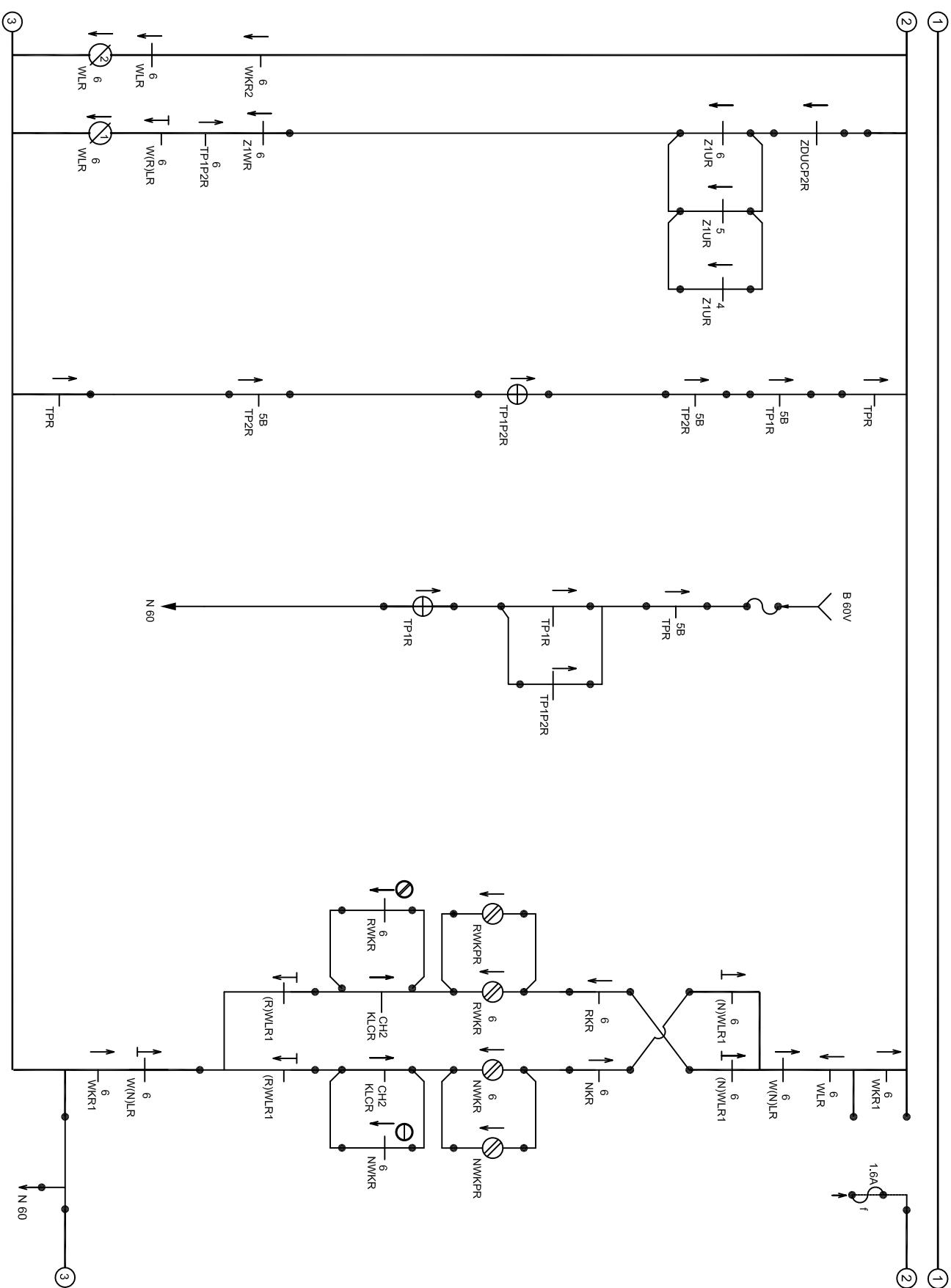
N TO R → WKR3 ↑ W(N)R → DURING DETECTION
 R TO N → WJR ↑ W(R)R → INITIATION AND OPERATION

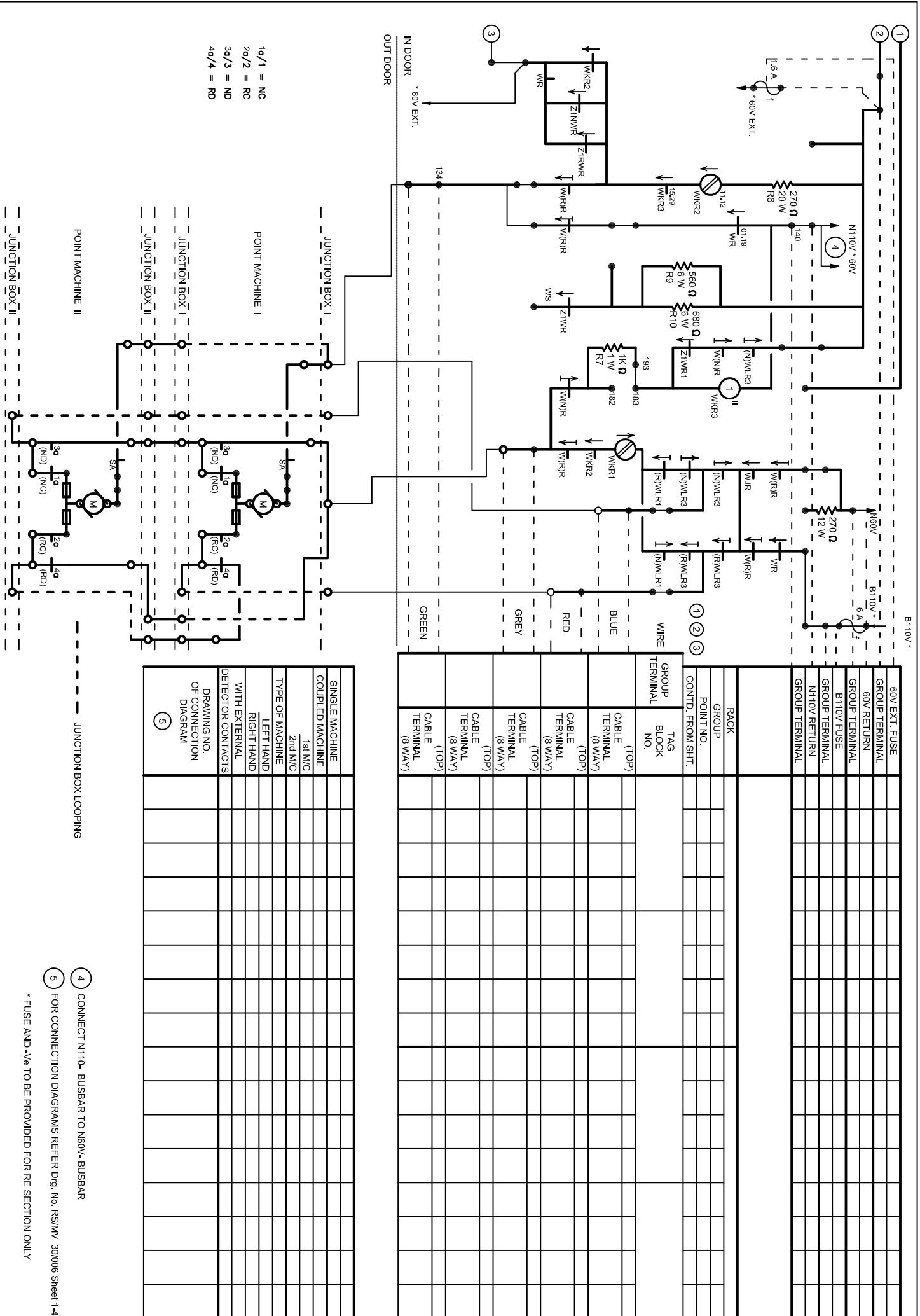


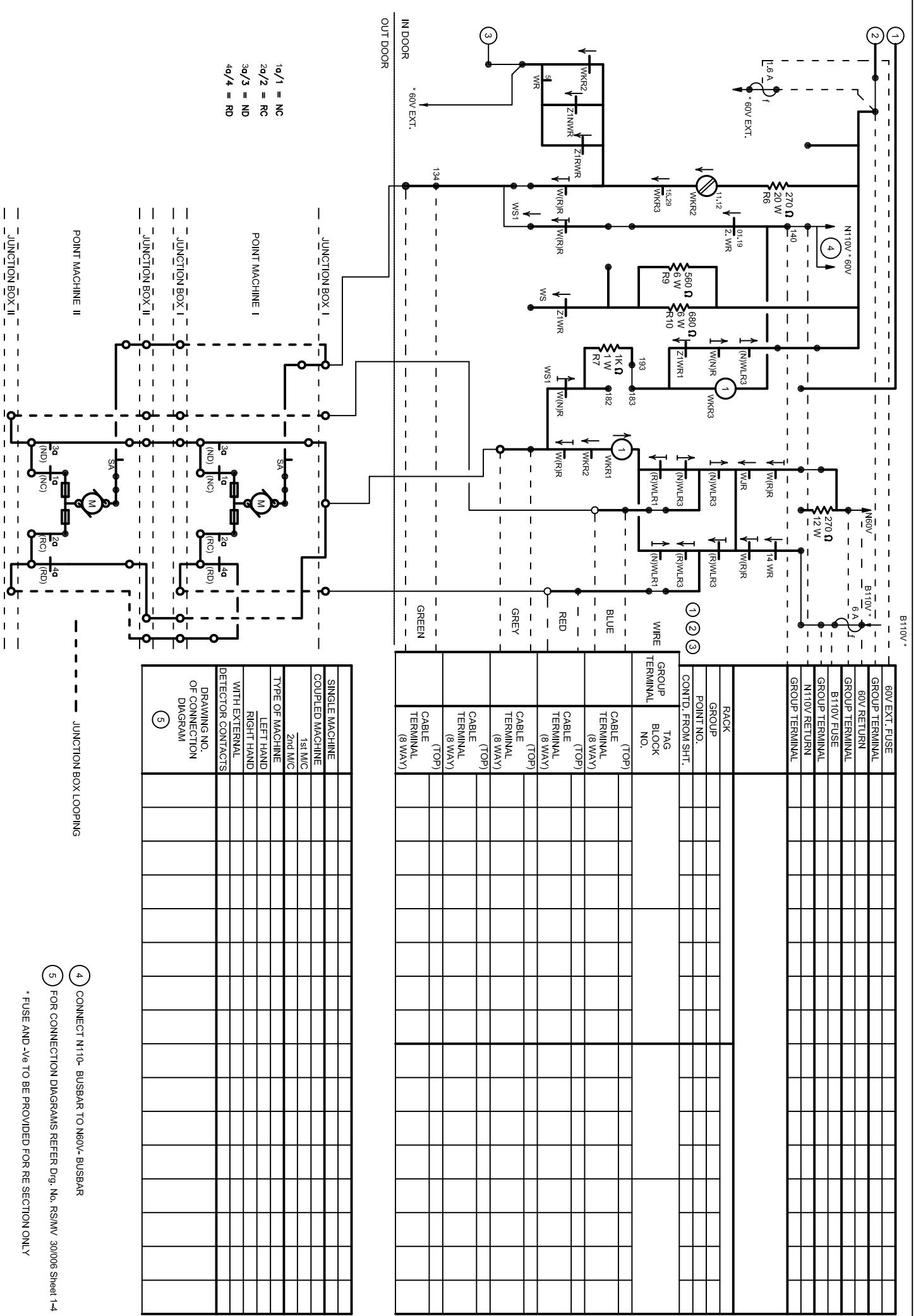


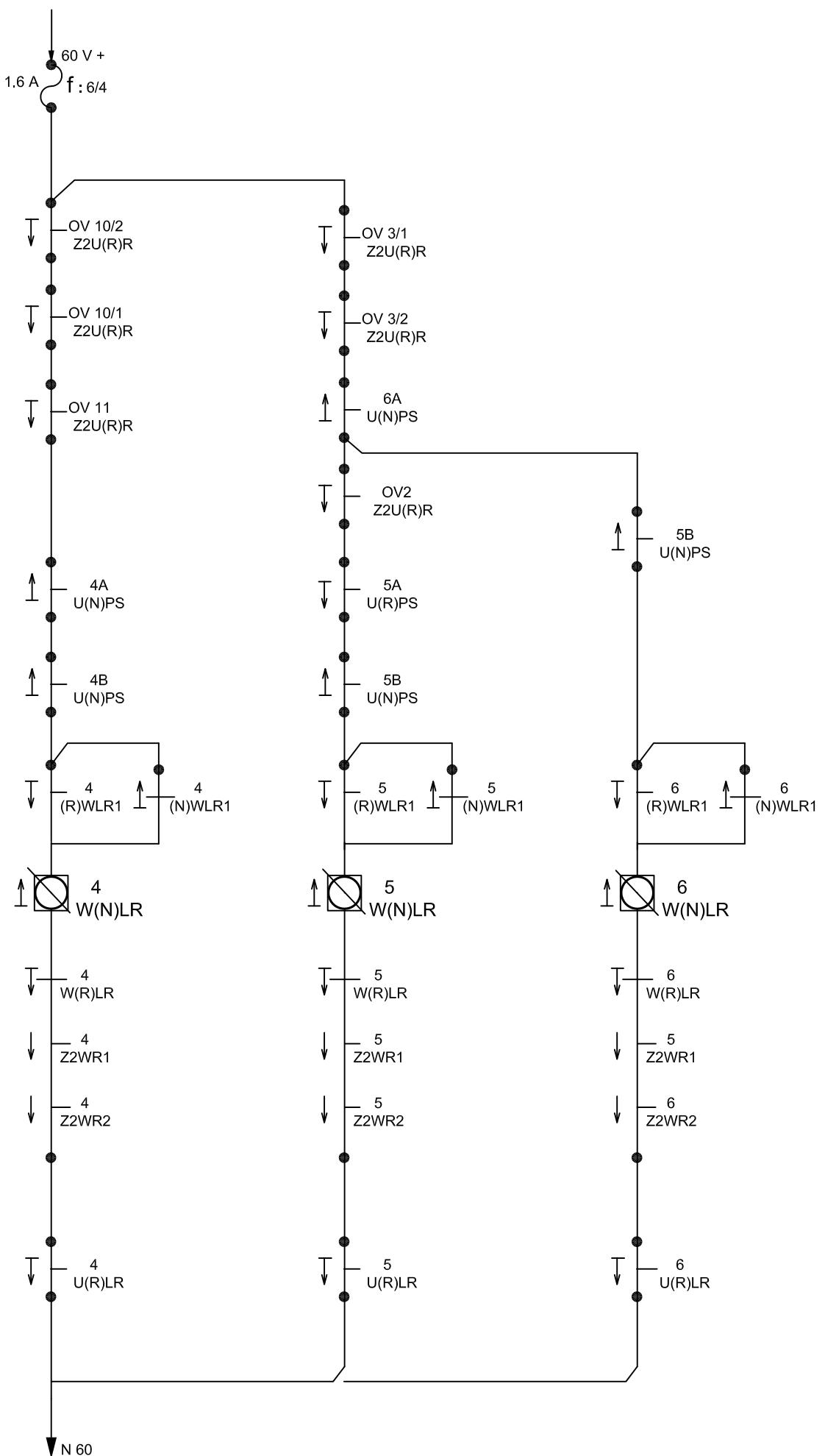


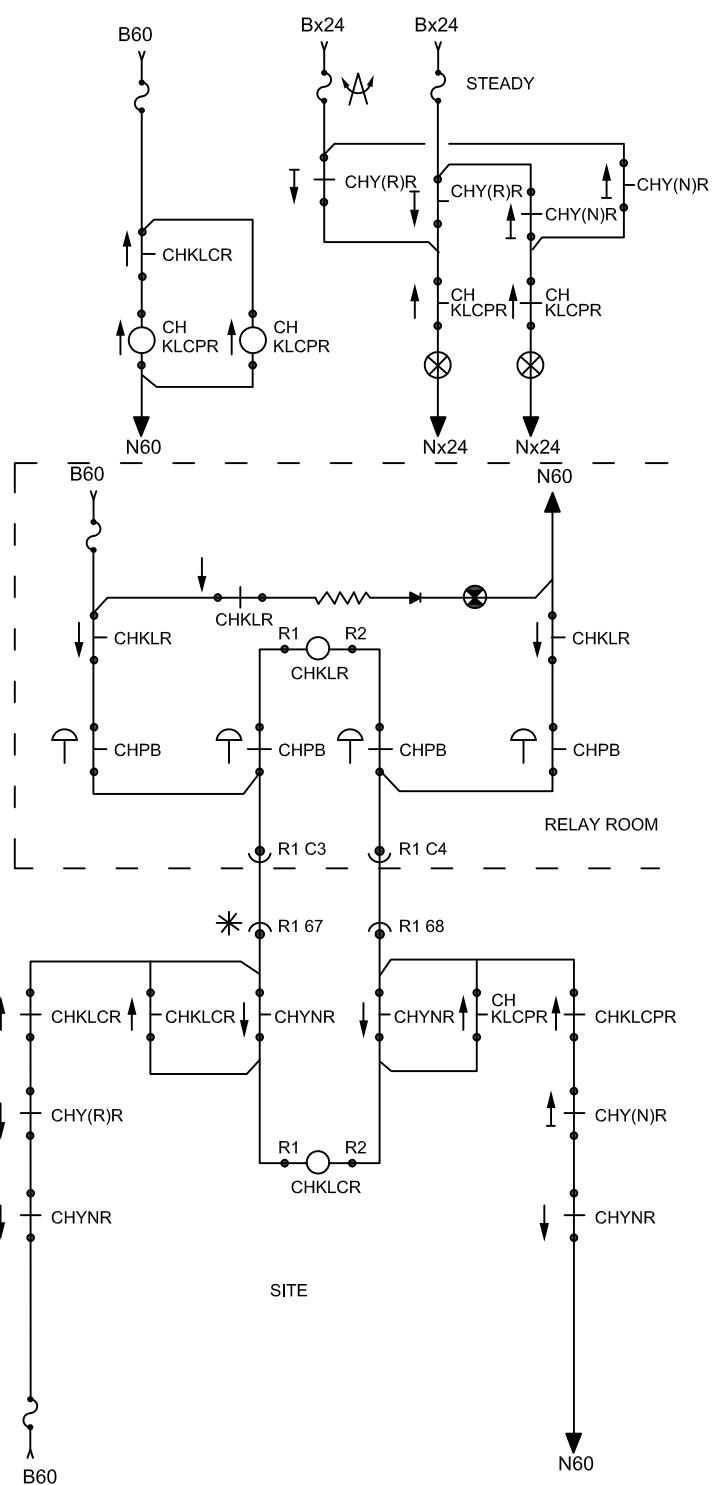
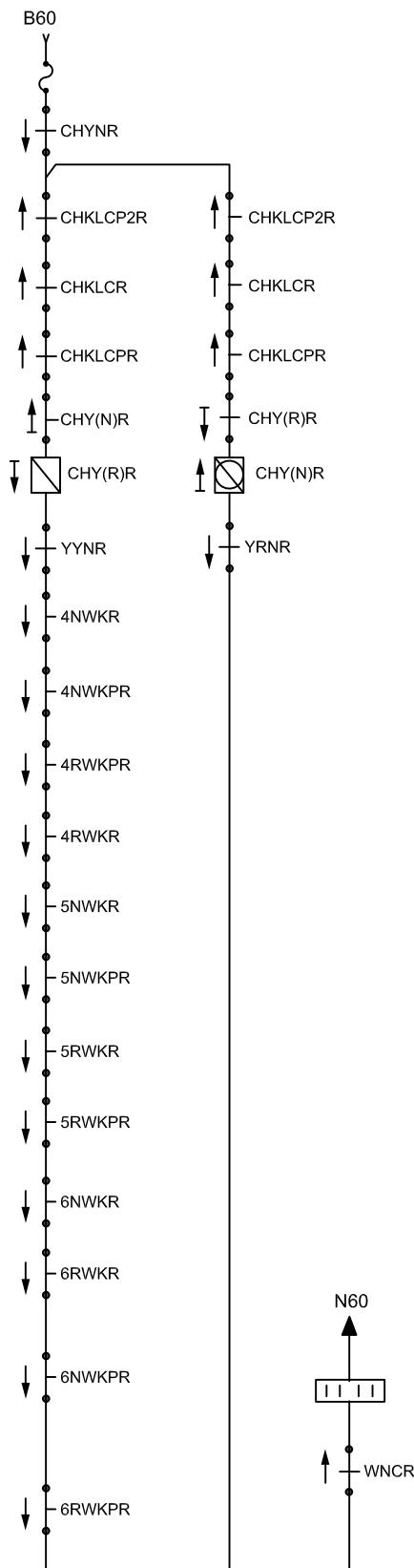






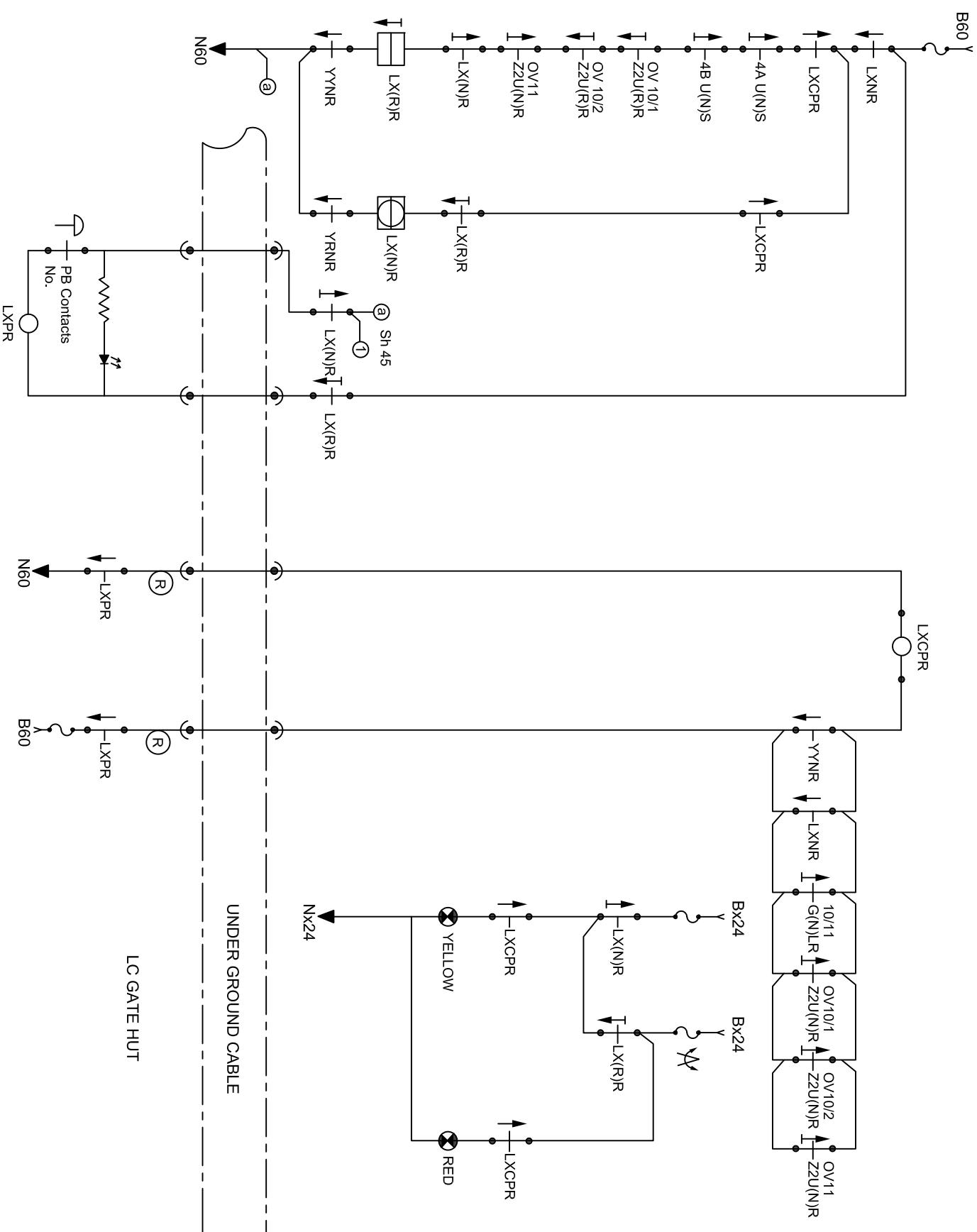






* R1 . 67 Means Rack 1 , 67 Terminal

CRANK HANDLE CIRCUIT

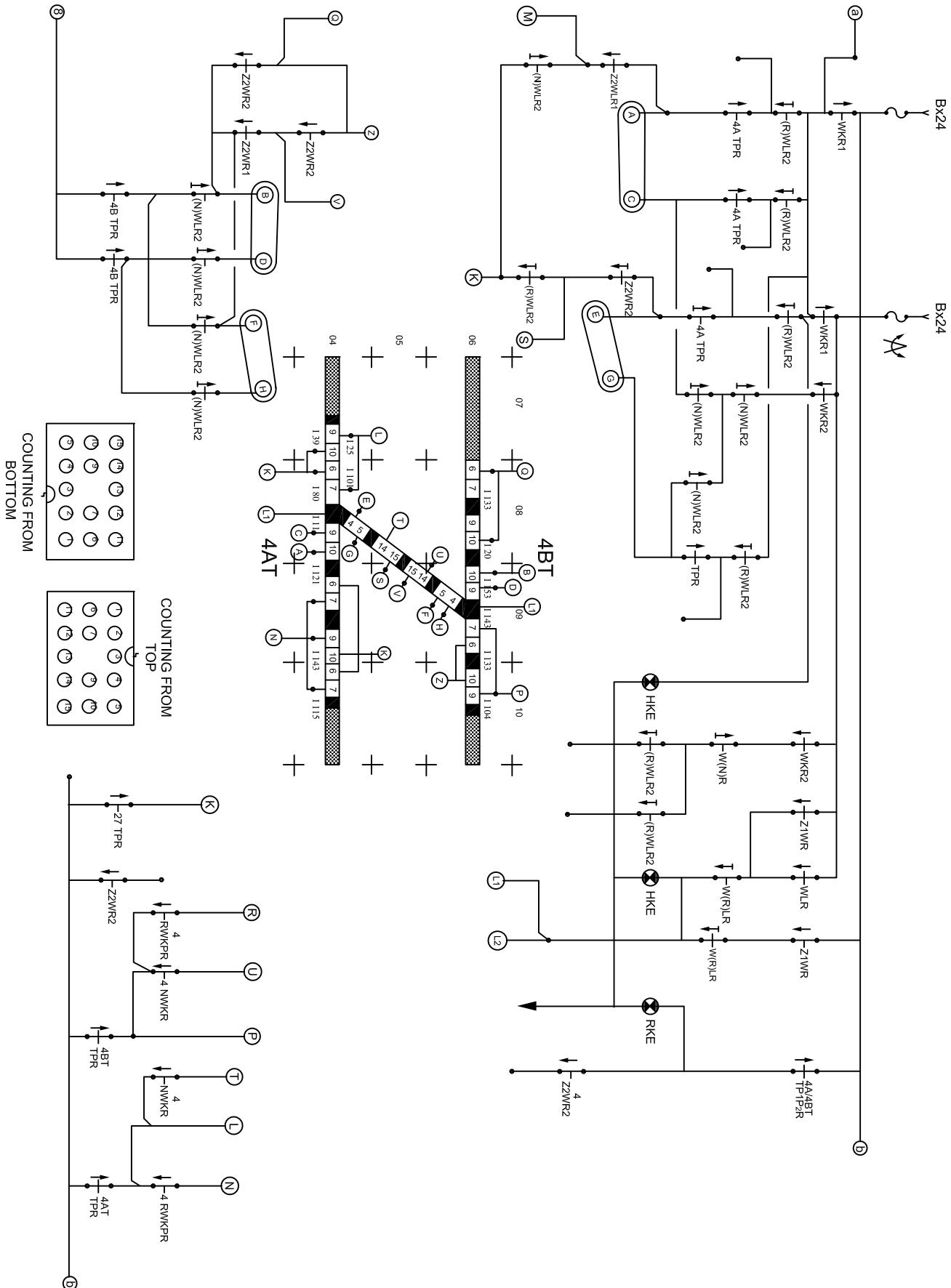


LC GATE CIRCUIT

Page 45

IR ISET	L C GATE CIRCUIT	SHT NO.
S16 - SIEMENS		45

POINT ILLUMINATION CIRCUIT (P- 4)



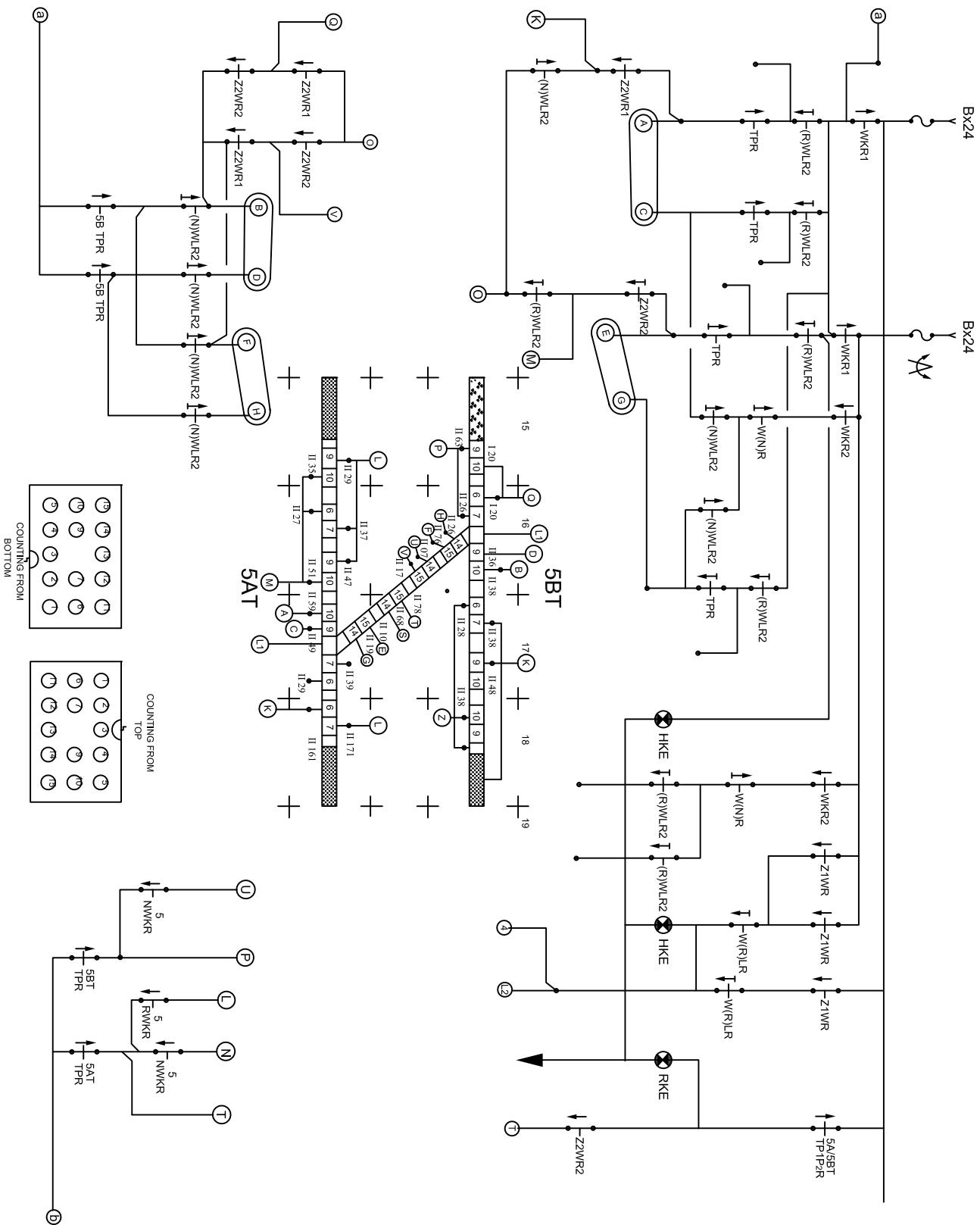
IRISET
S16 - SIEMENS

Page 46

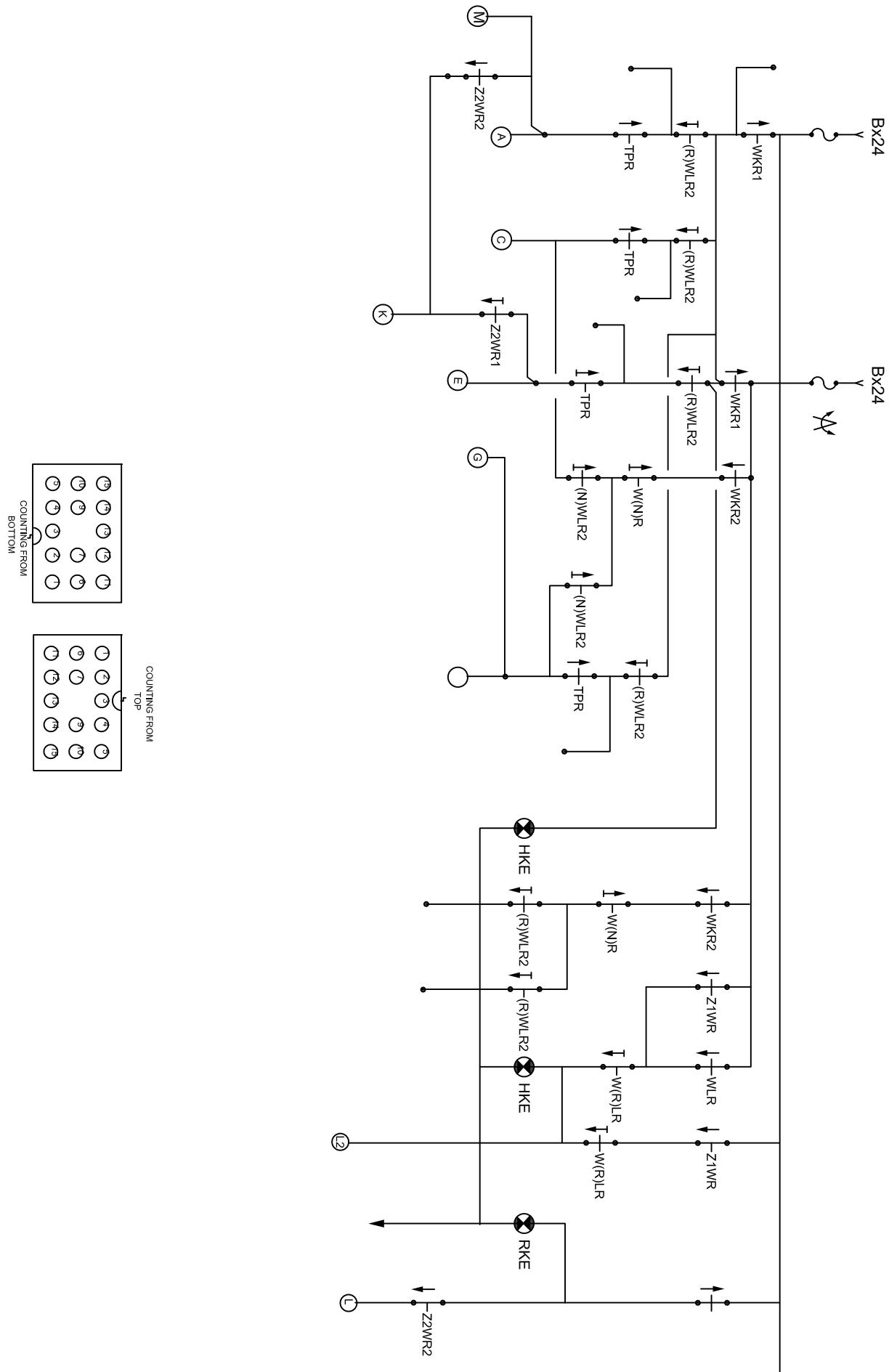
SHT NO.
46

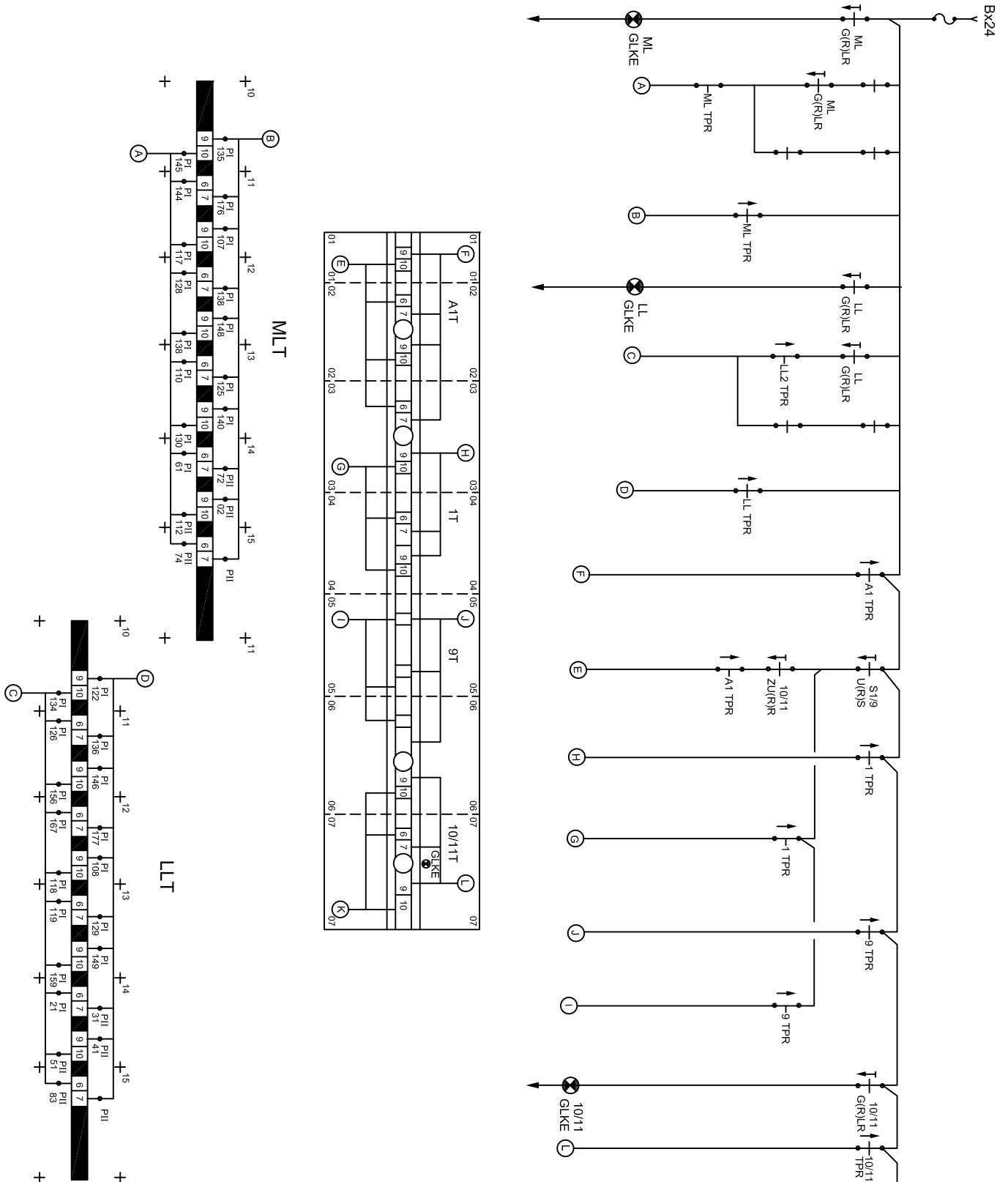
POINT ILLUMINATION CIRCUIT

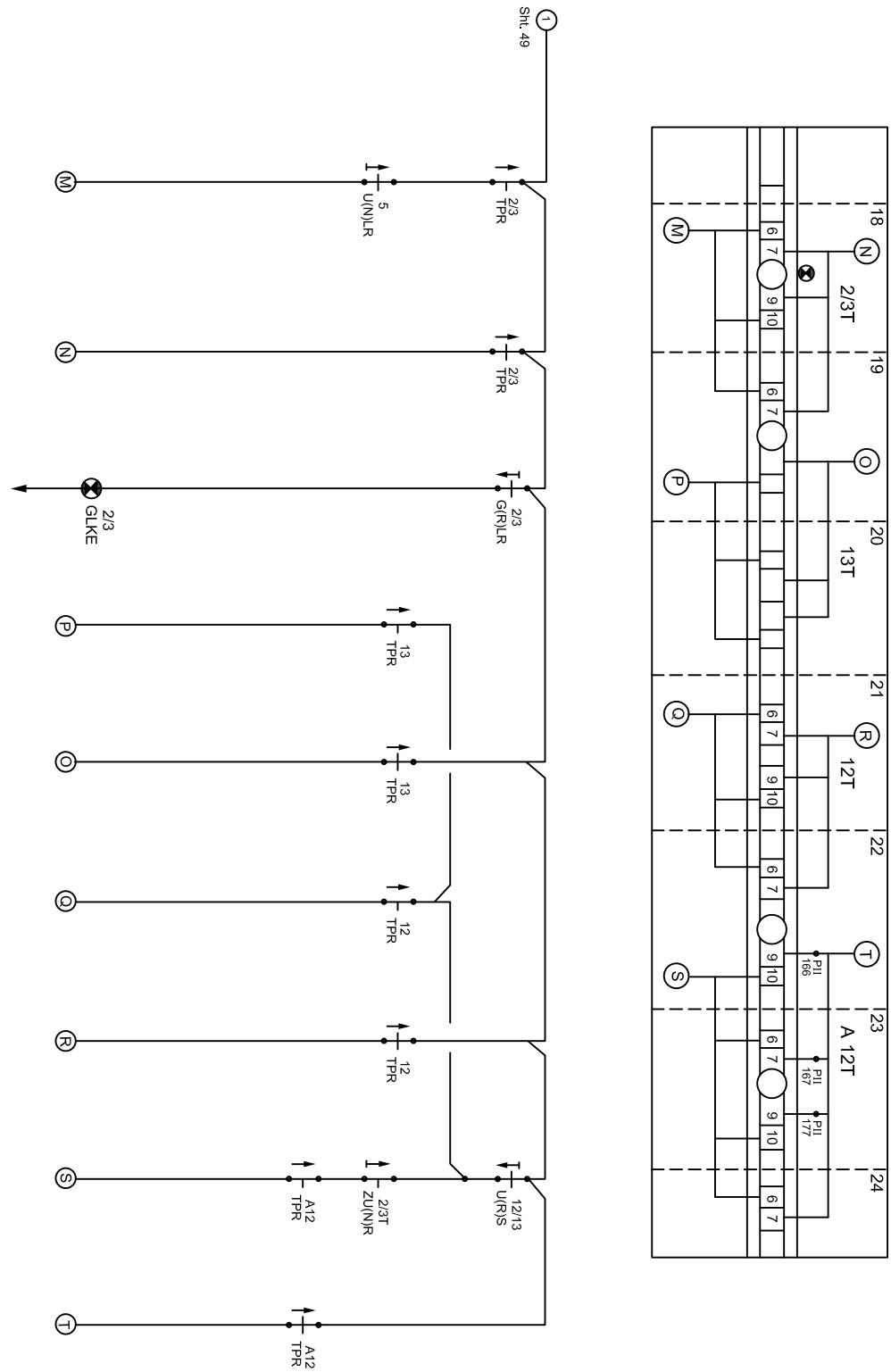
POINT ILLUMINATION CIRCUIT (P-5)

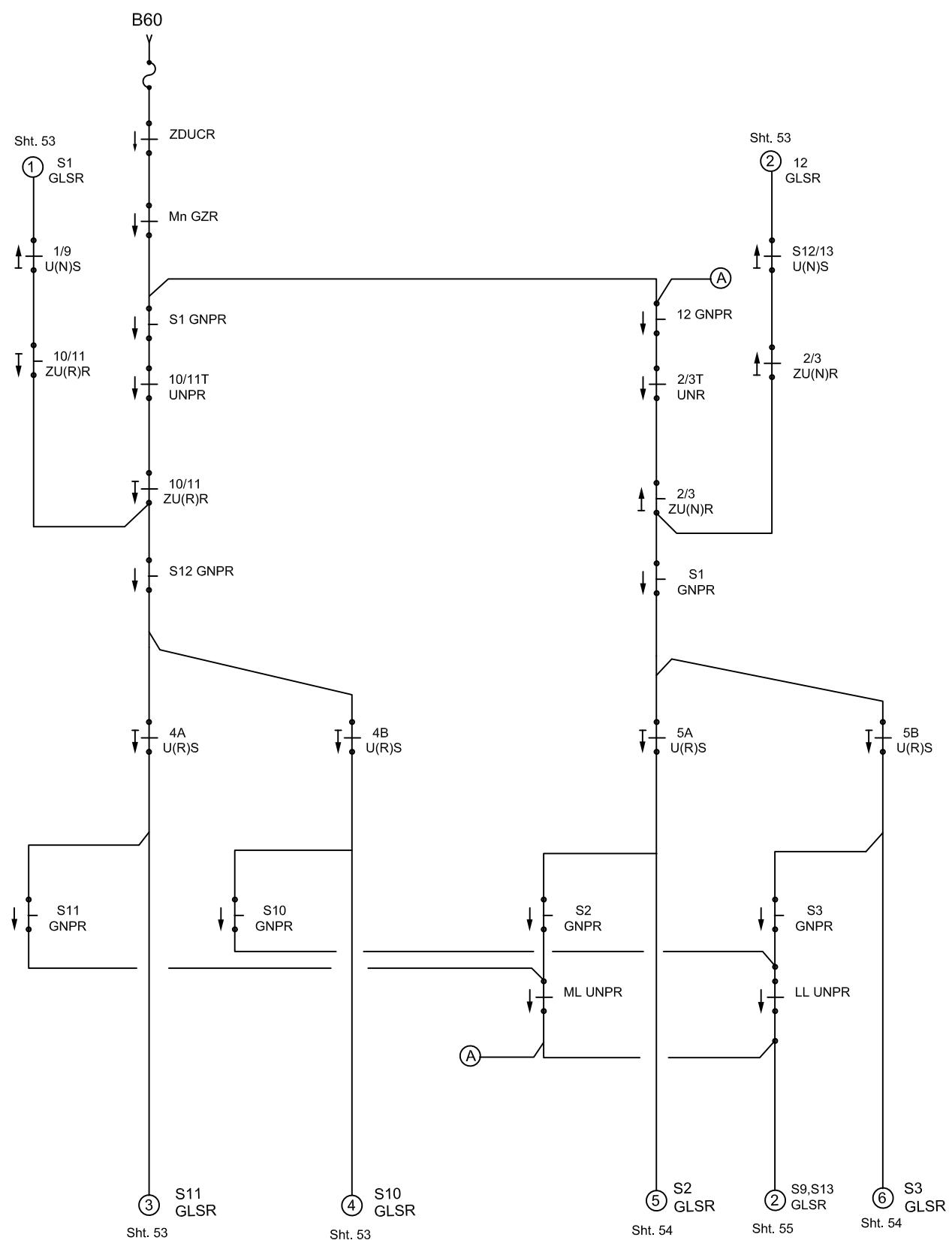


POINT ILLUMINATION CIRCUIT (P-6)

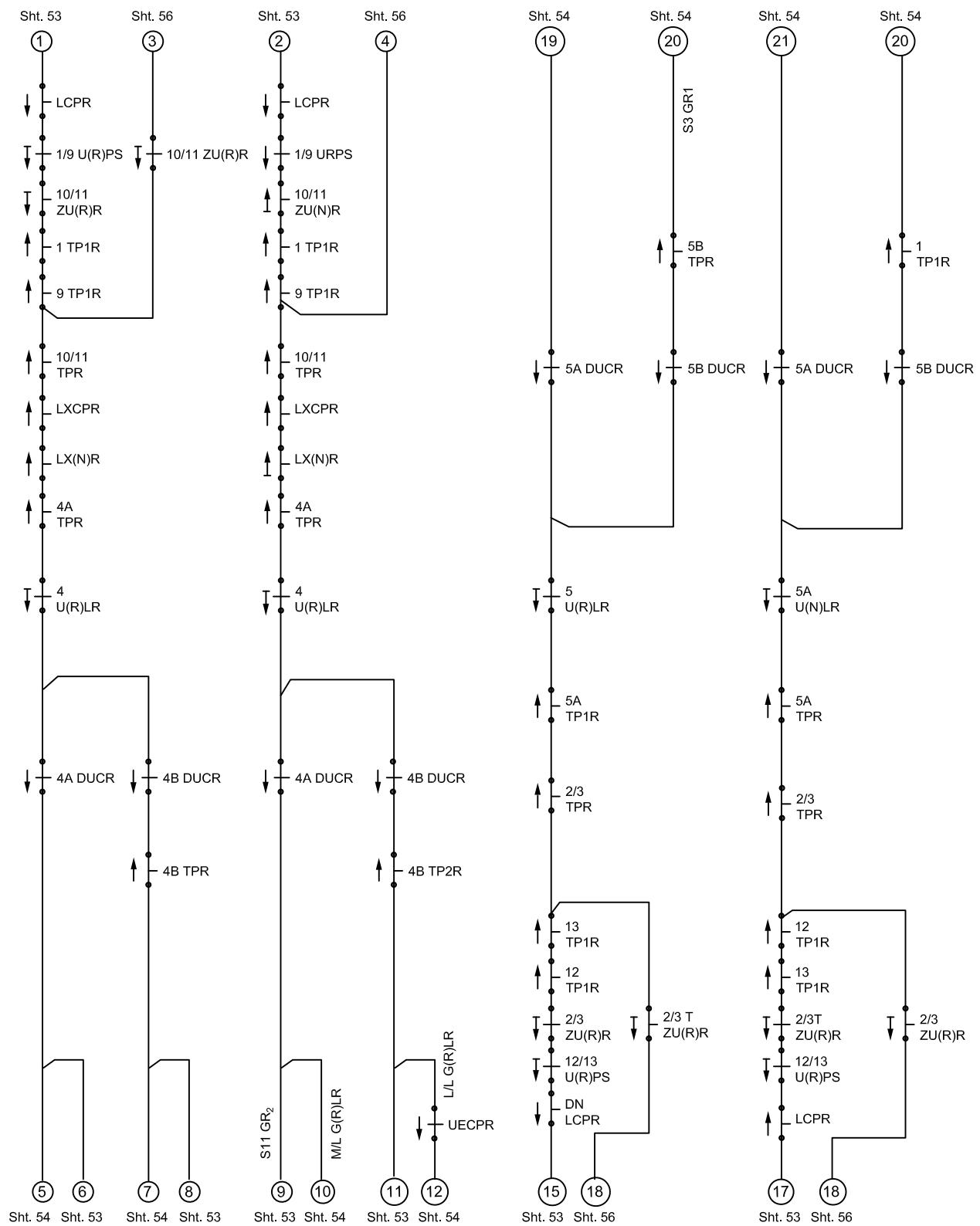




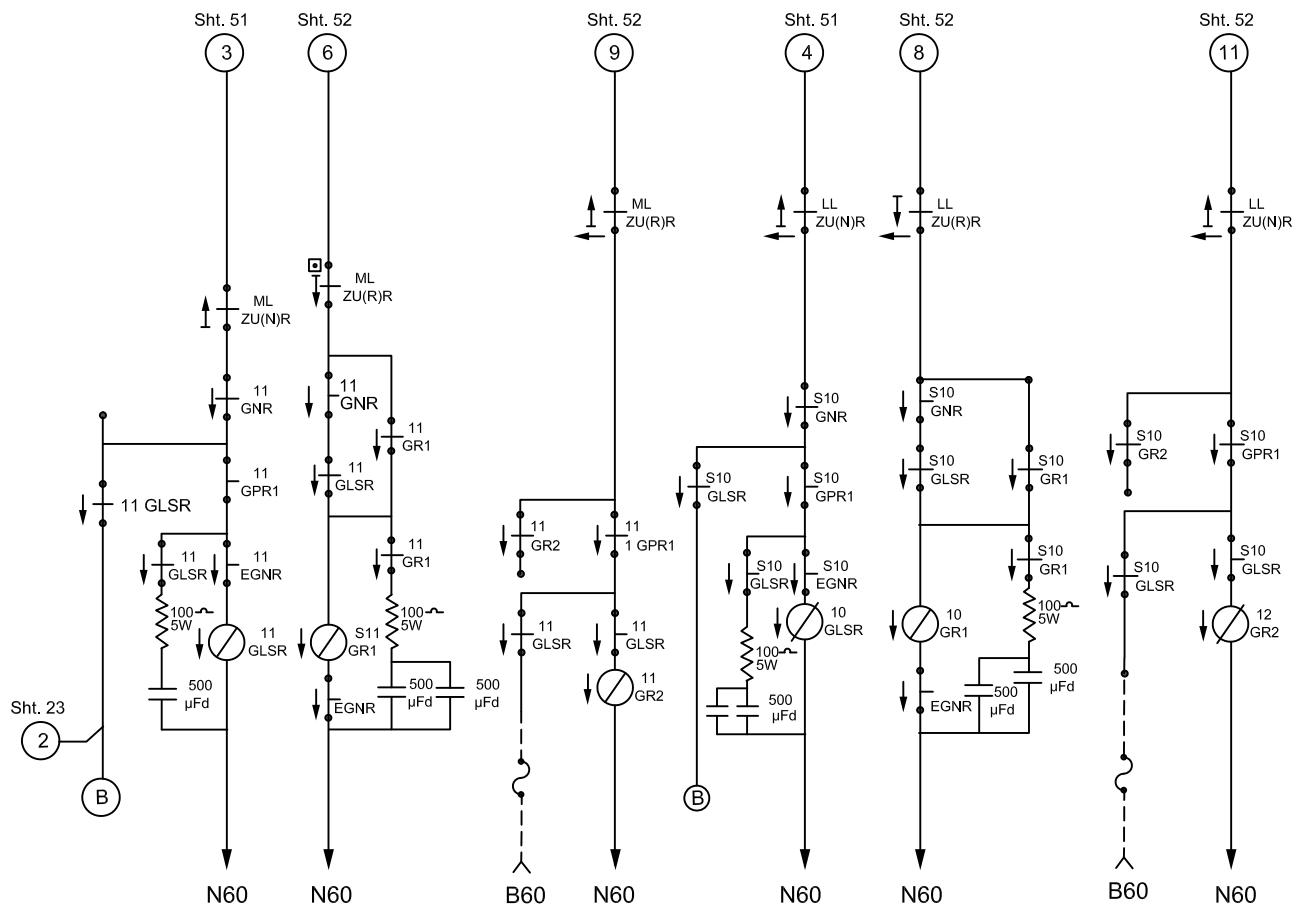
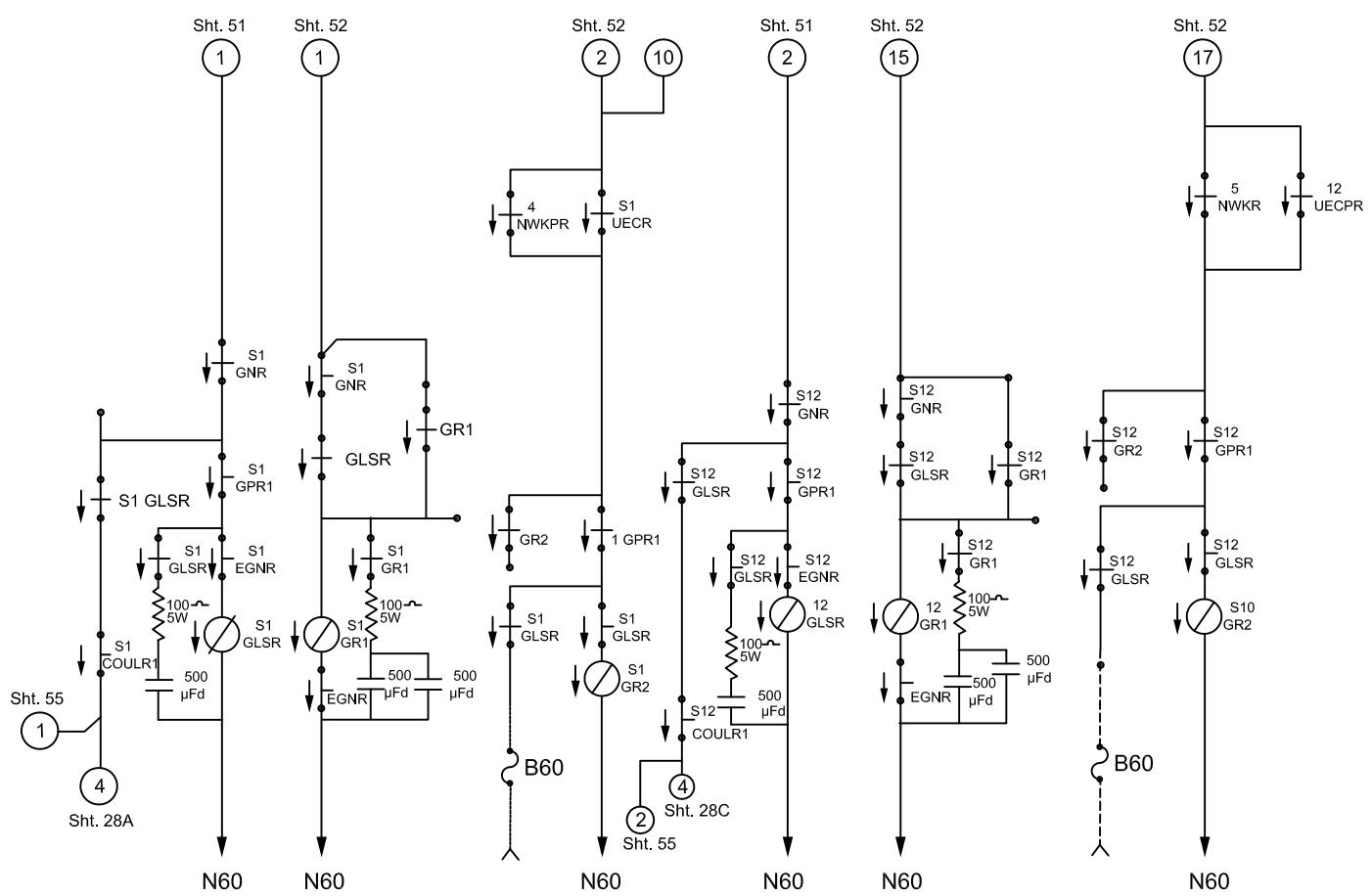




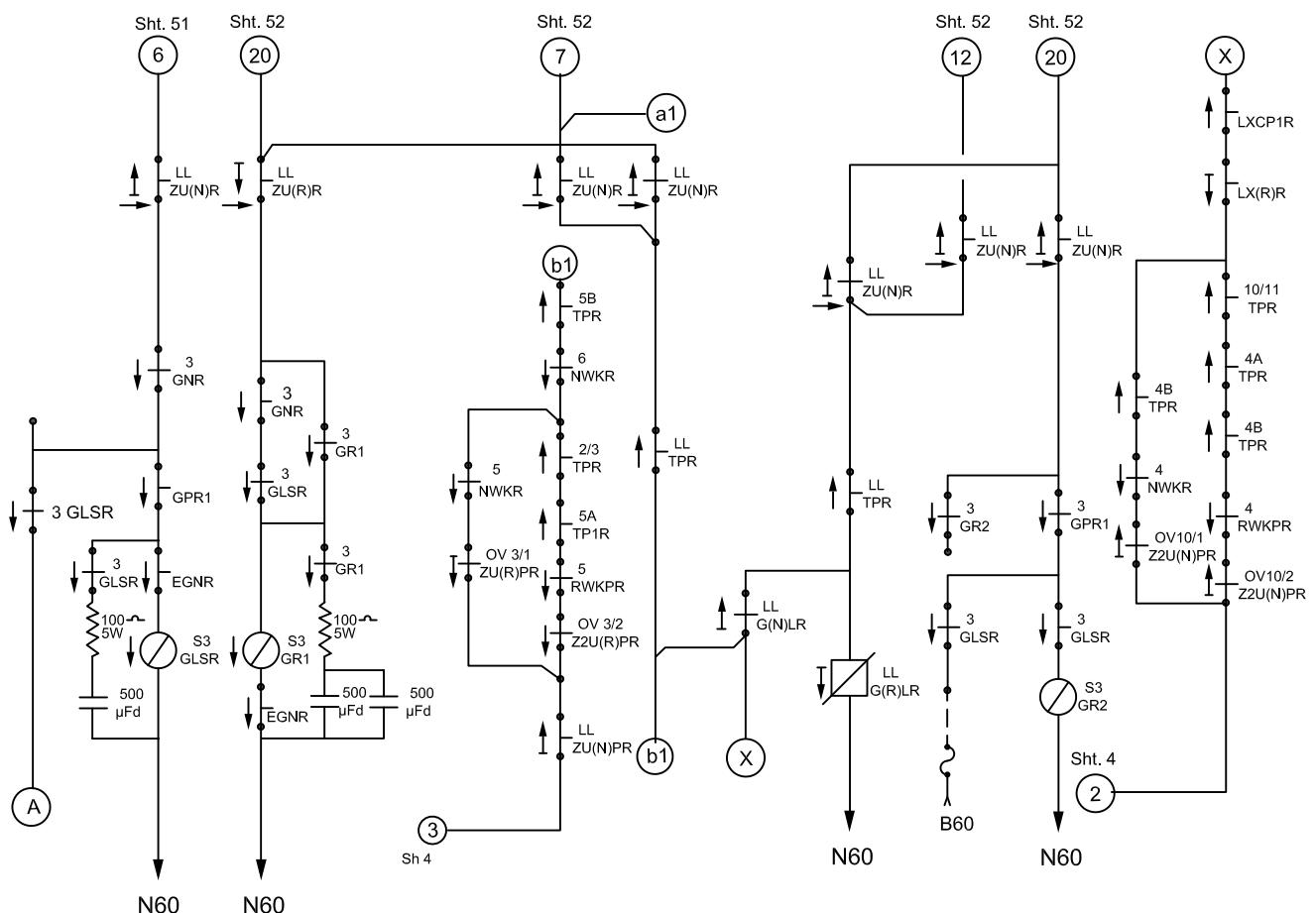
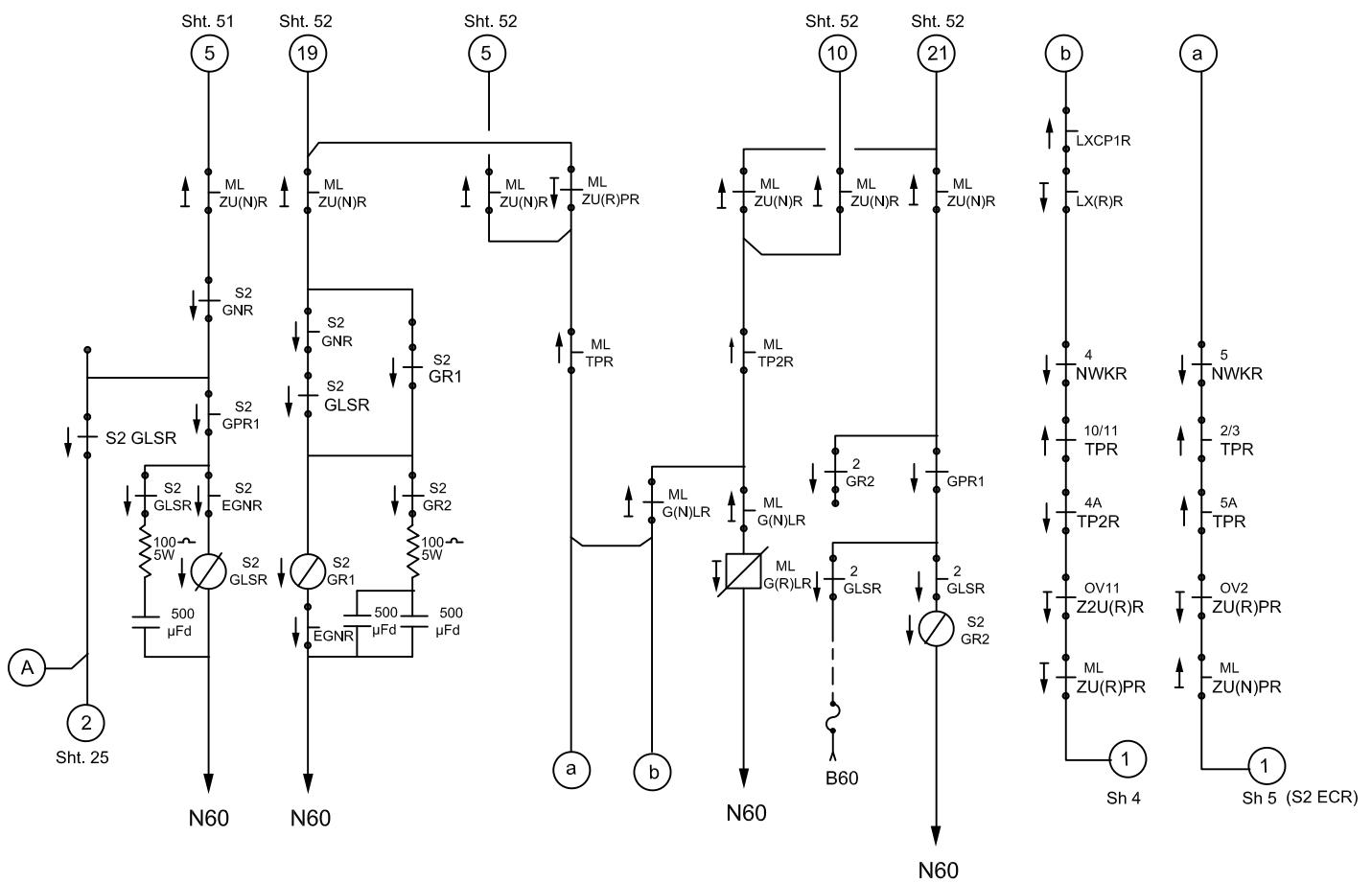
GLSR CIRCUIT



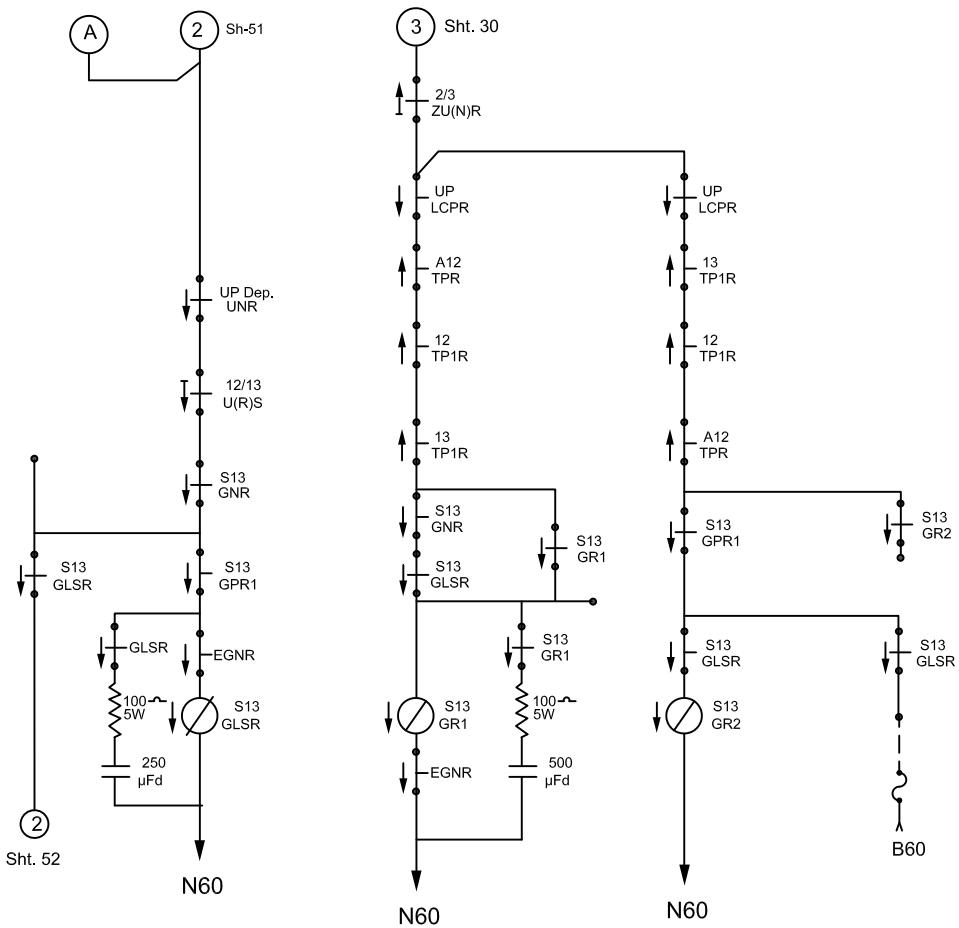
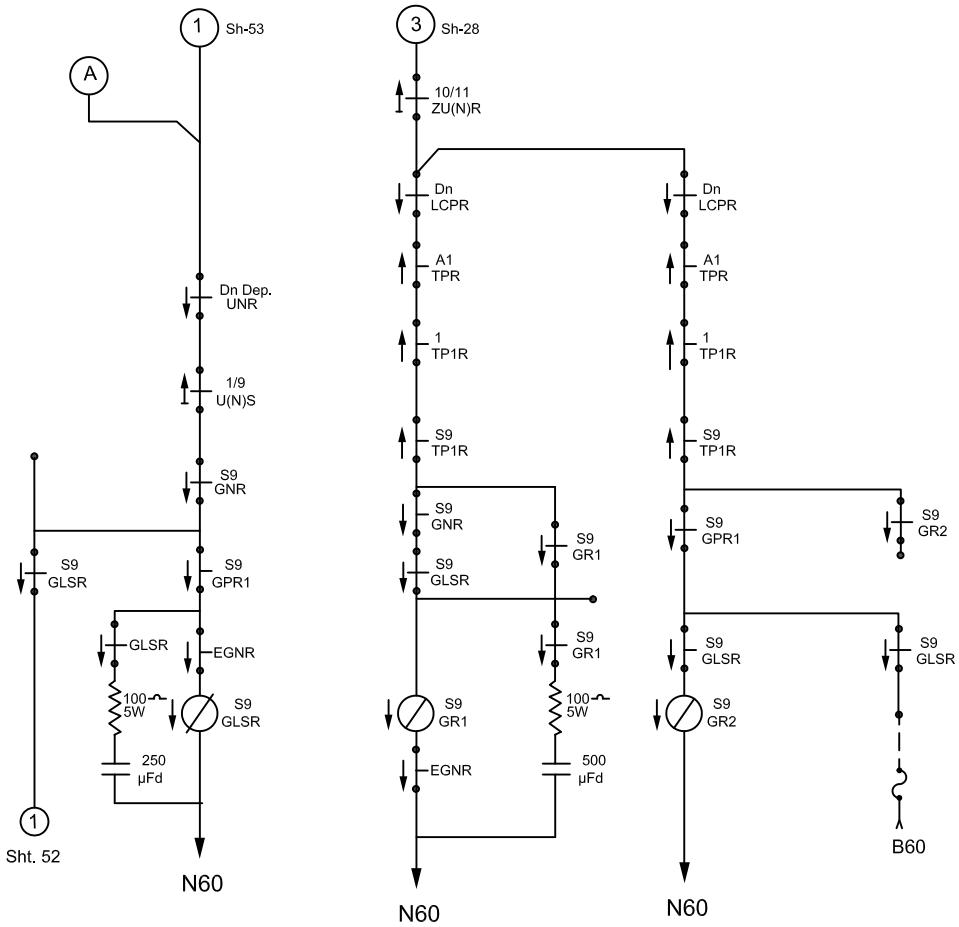
GR1 GR2 CIRCUIT



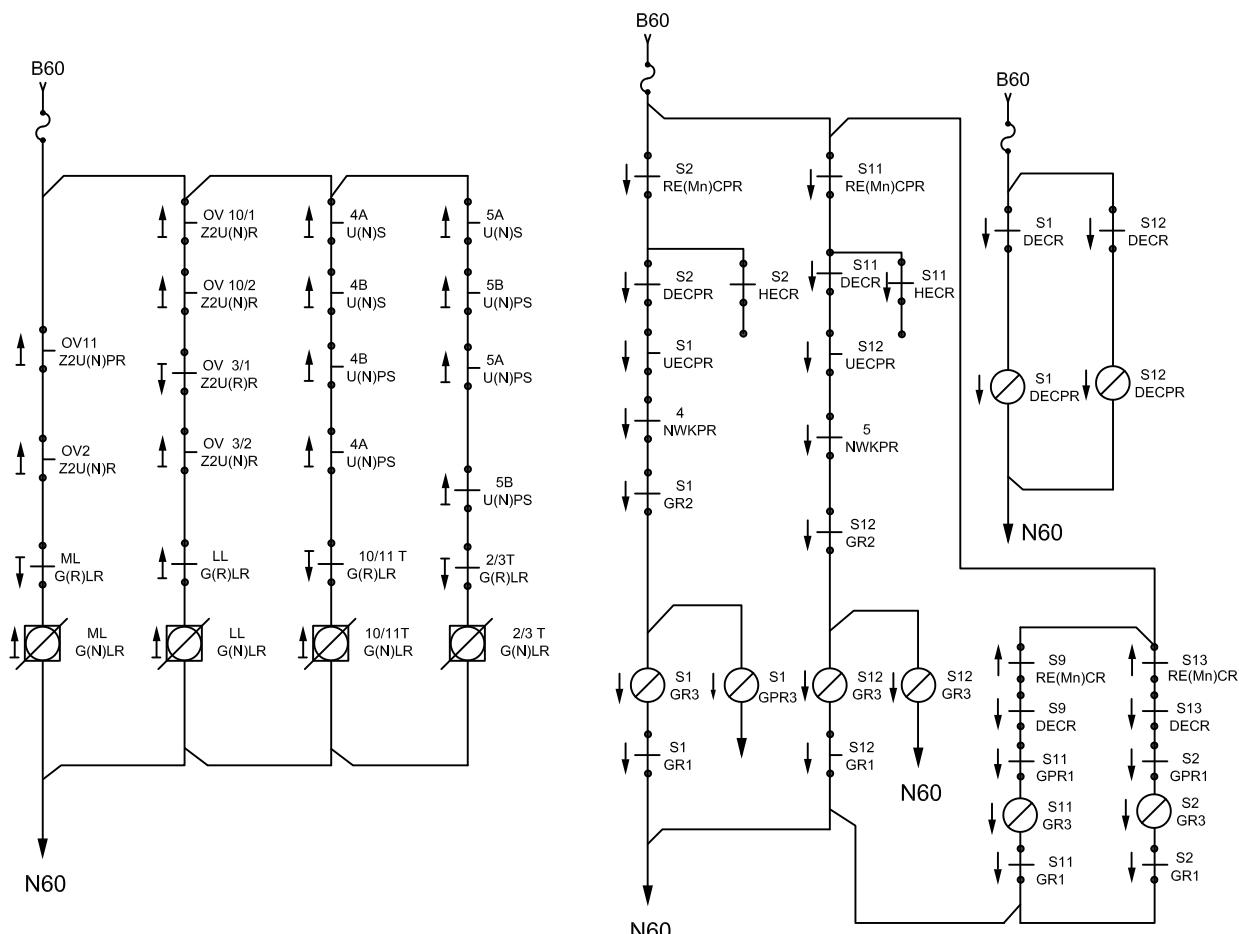
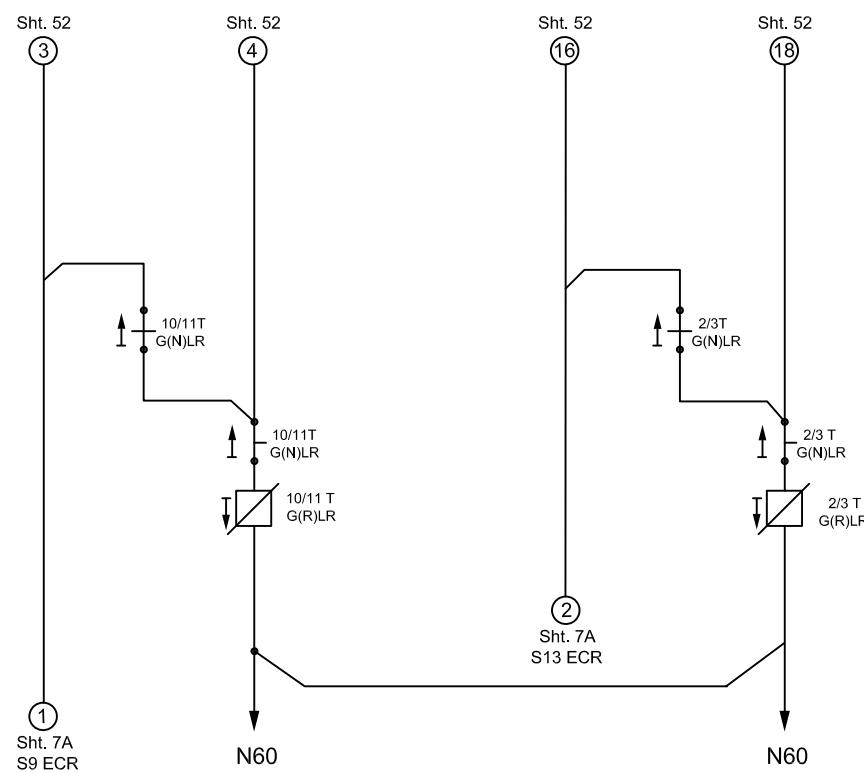
GR1,GR2,GLSR CIRCUIT



GR1,GR2,G(R)LR CIRCUIT

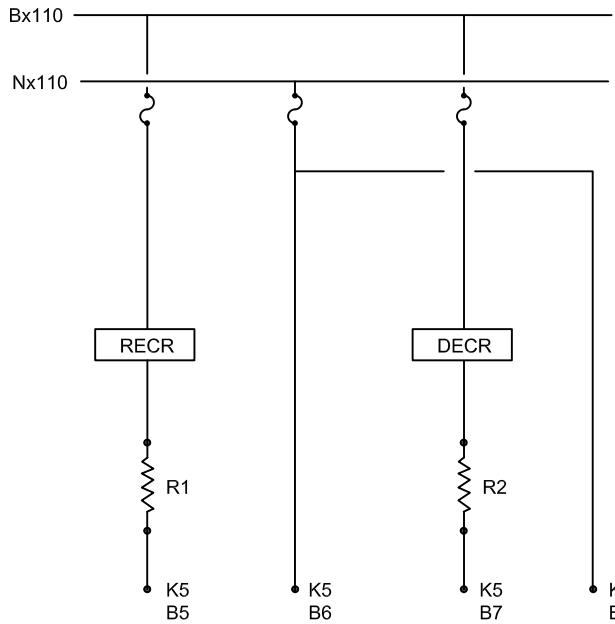


GR1,GR2,GLSR CIRCUIT

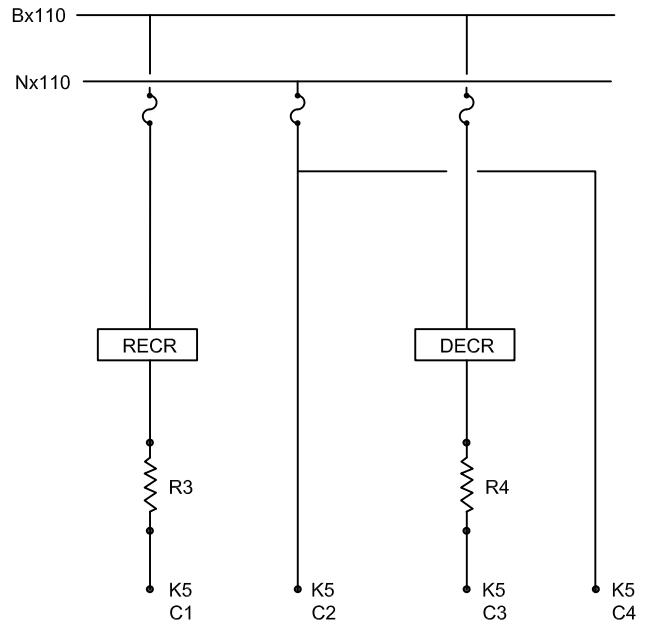


G(N)LR CIRCUIT

SIGNAL GROUP No:9

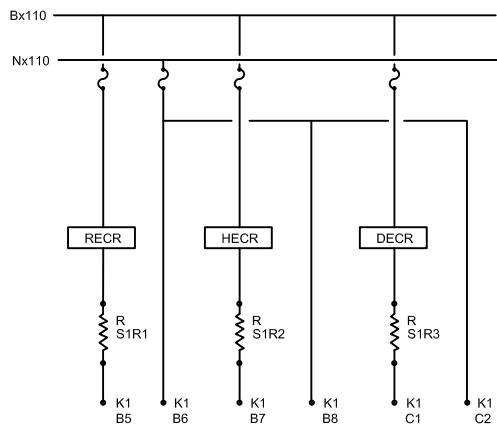


SIGNAL GROUP No:9

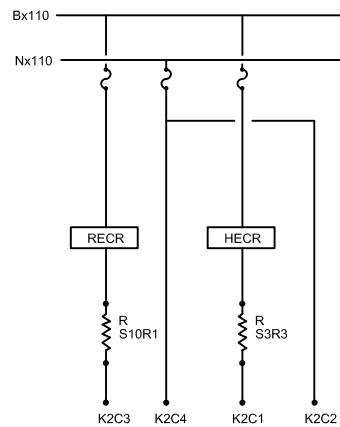


MAIN SIGNAL LAMP CONTROL ECR AND ILLUMINATION CIRCUIT

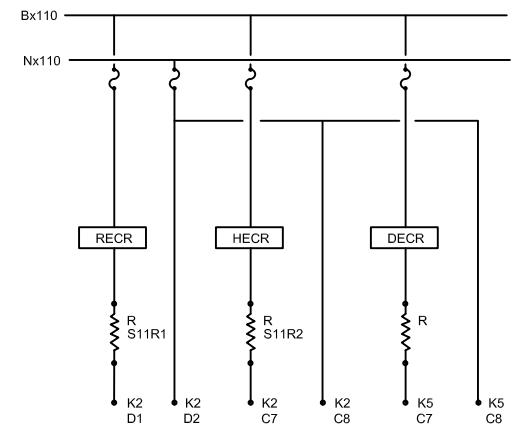
SIGNAL S1



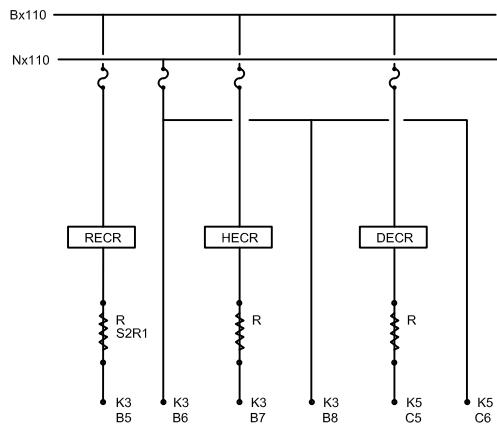
SIGNAL S10



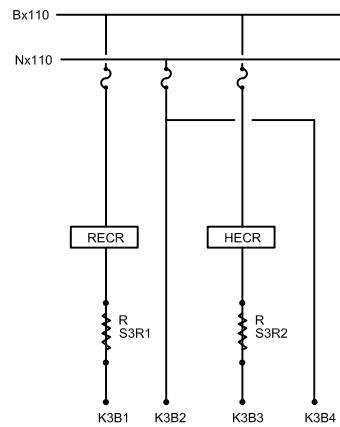
SIGNAL S11



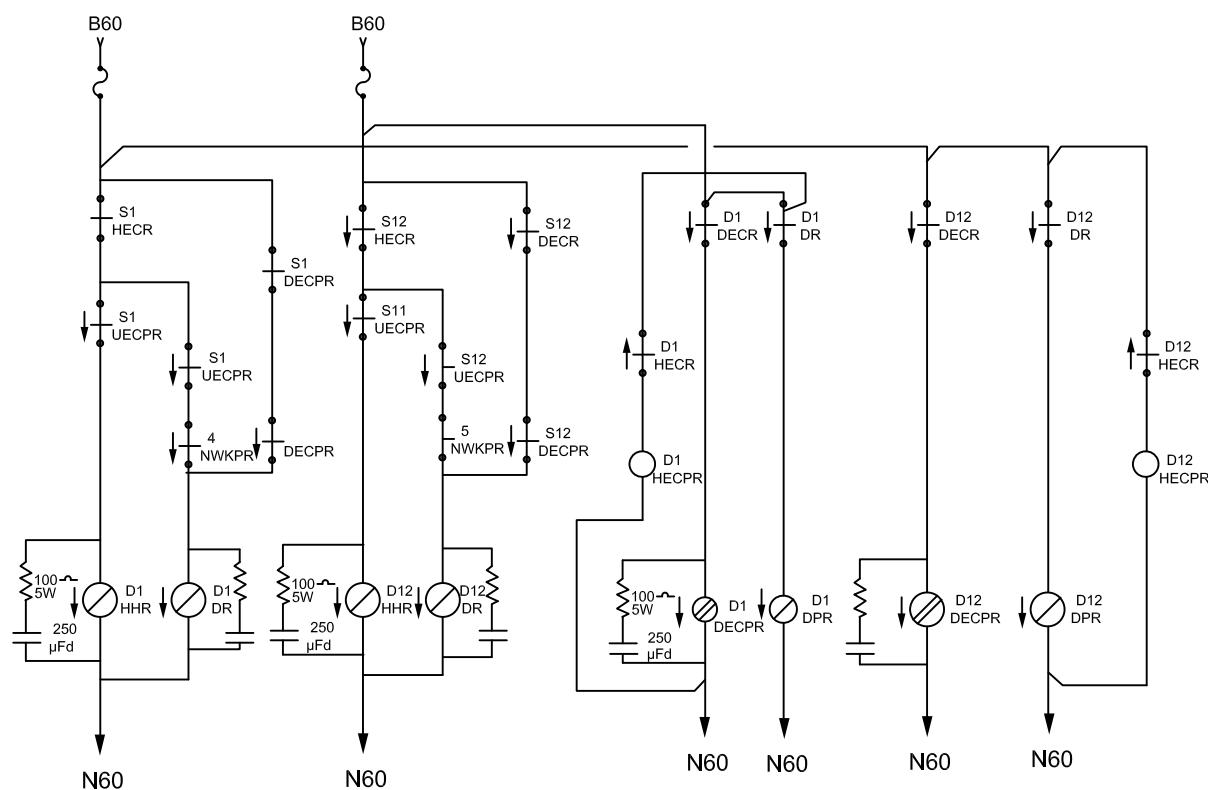
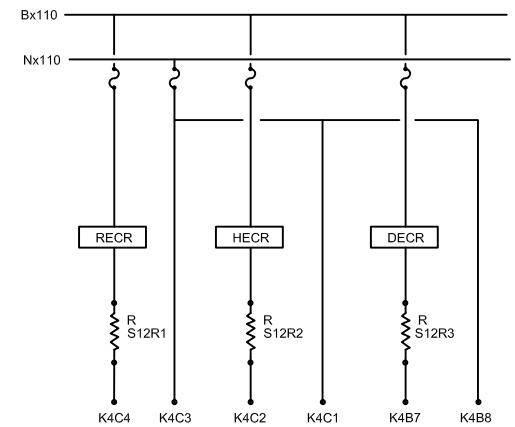
SIGNAL S2



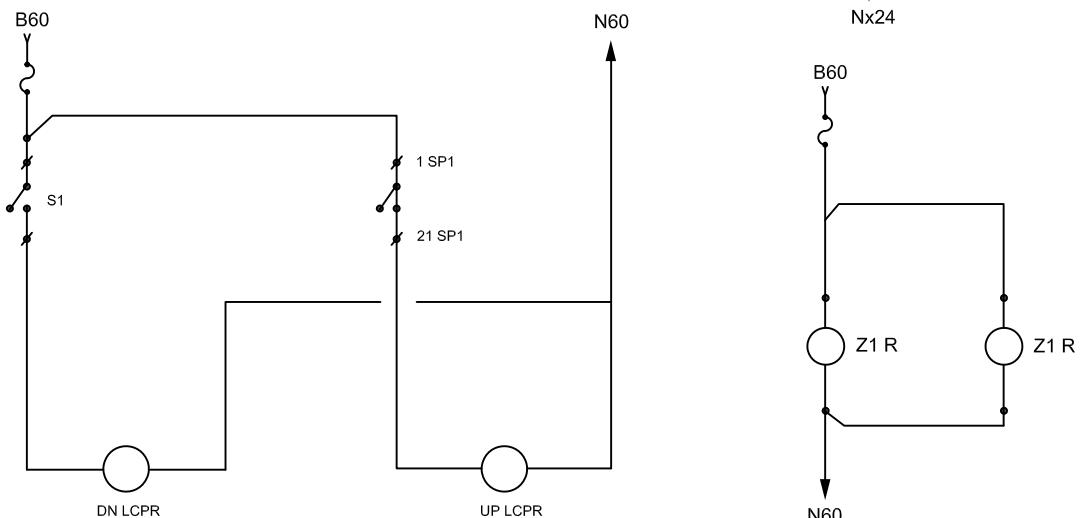
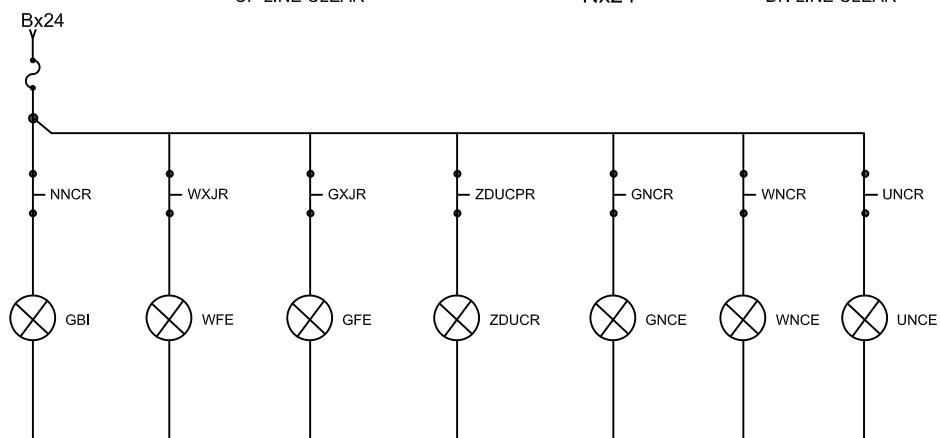
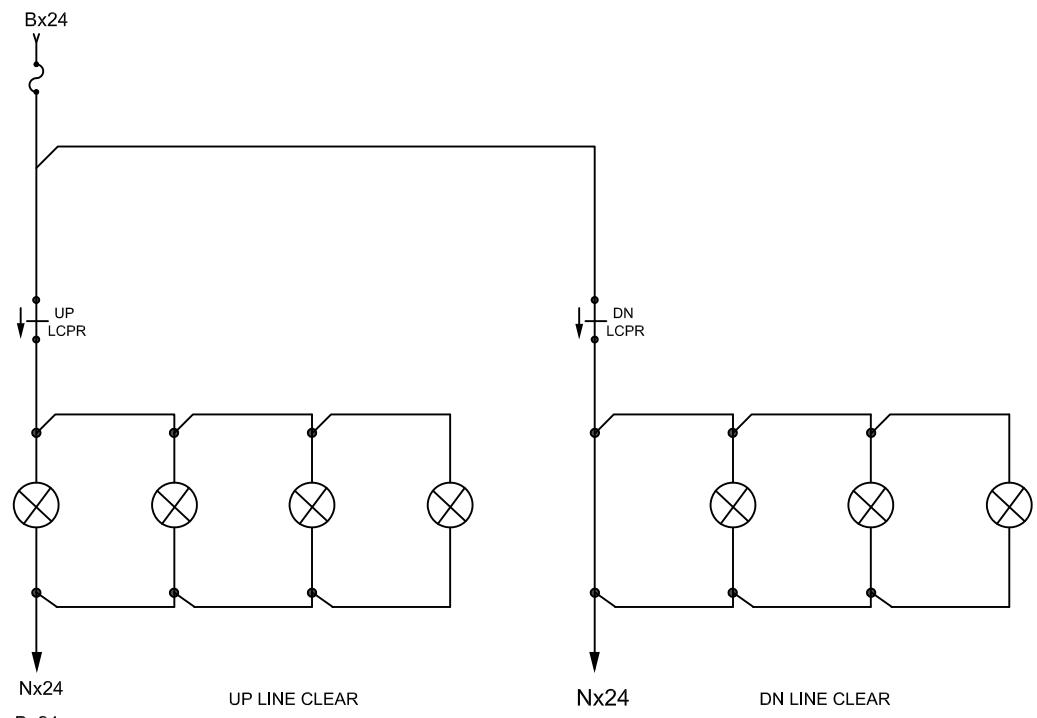
SIGNAL S3



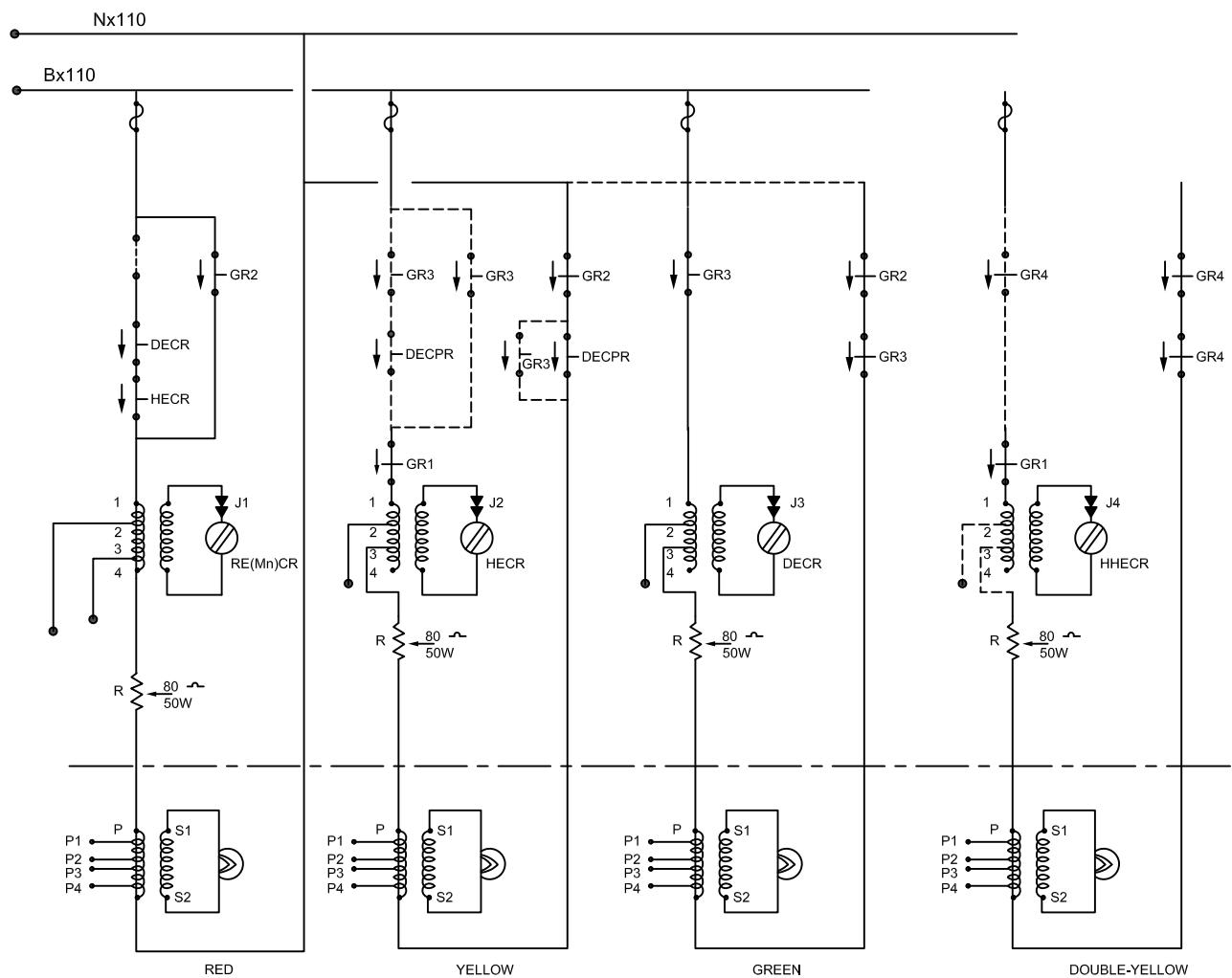
SIGNAL S12



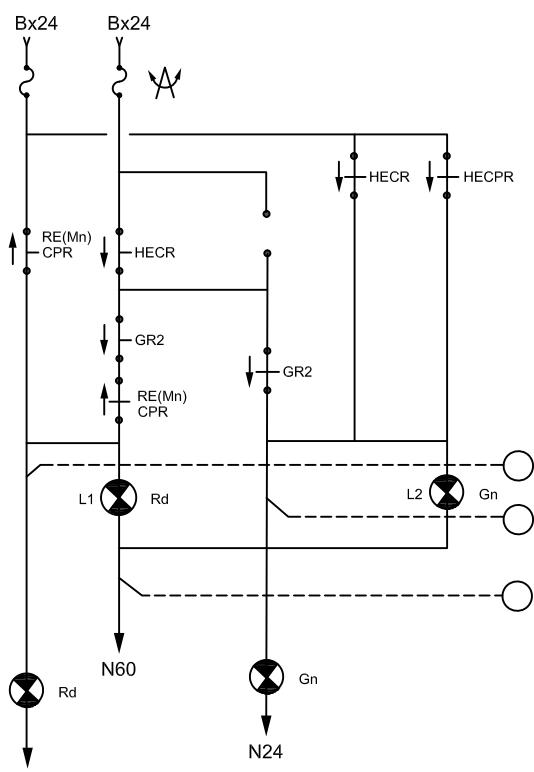
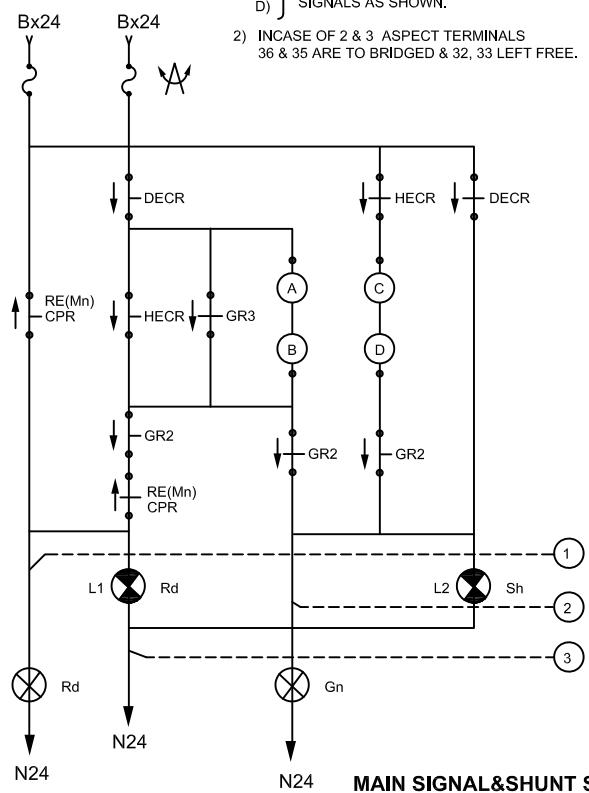
MAIN SIGNAL LAMP CONTROL ECR AND ILLUMINATION CIRCUIT



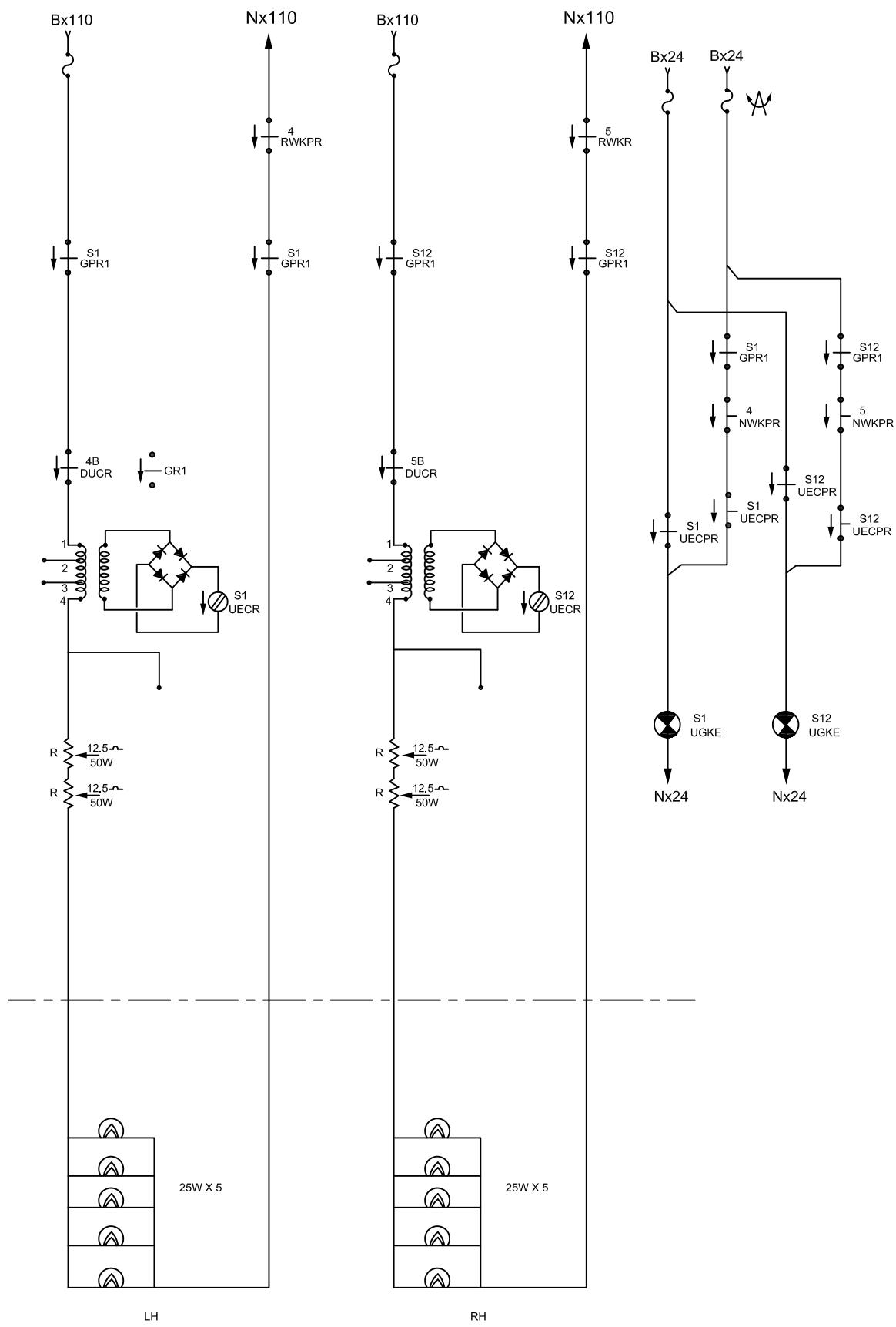
**DN LINE CLEAR, UP LINE CLEAR
INDICATION CIRCUIT**



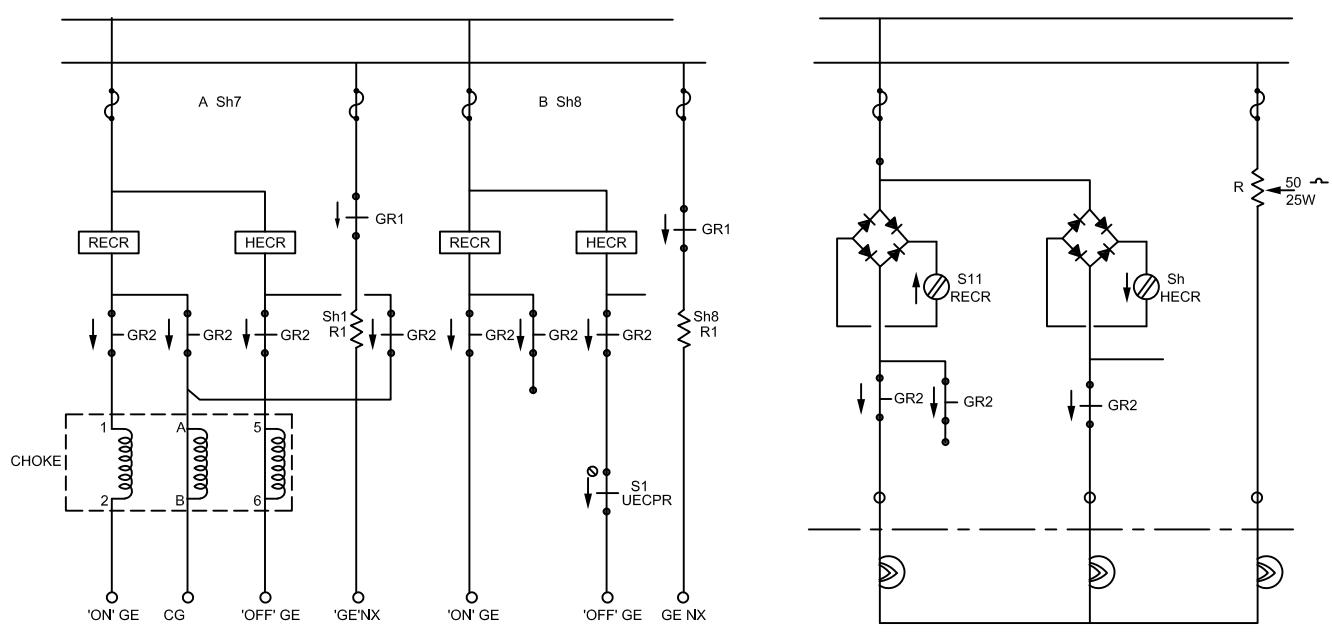
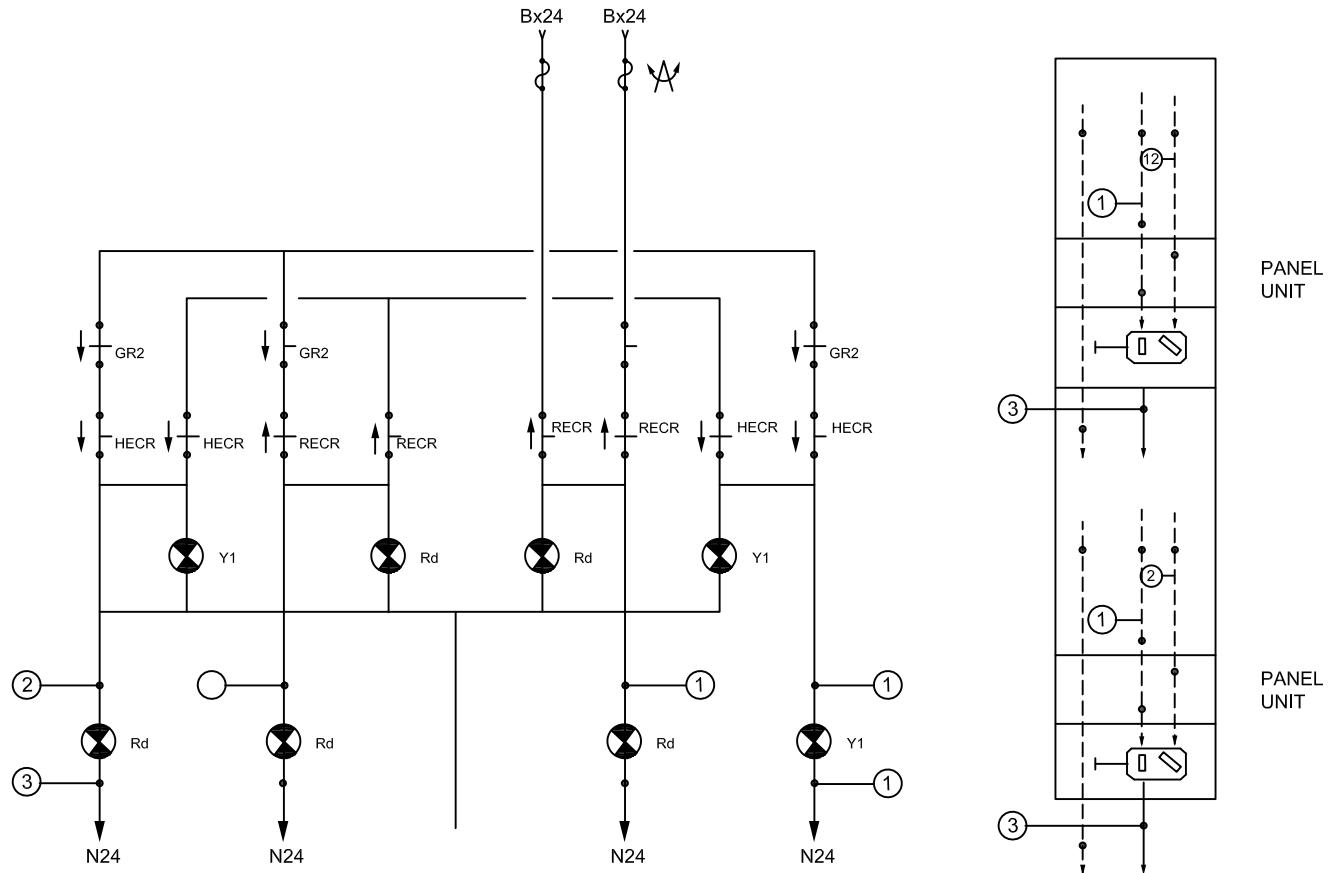
NOTE : 1) A) }
 B) } CONTACTS INSERTED
 C) } FOR 4 ASPECT
 D) } SIGNALS AS SHOWN.
 2) IN CASE OF 2 & 3 ASPECT TERMINALS
 36 & 35 ARE TO BRIDGED & 32, 33 LEFT FREE.



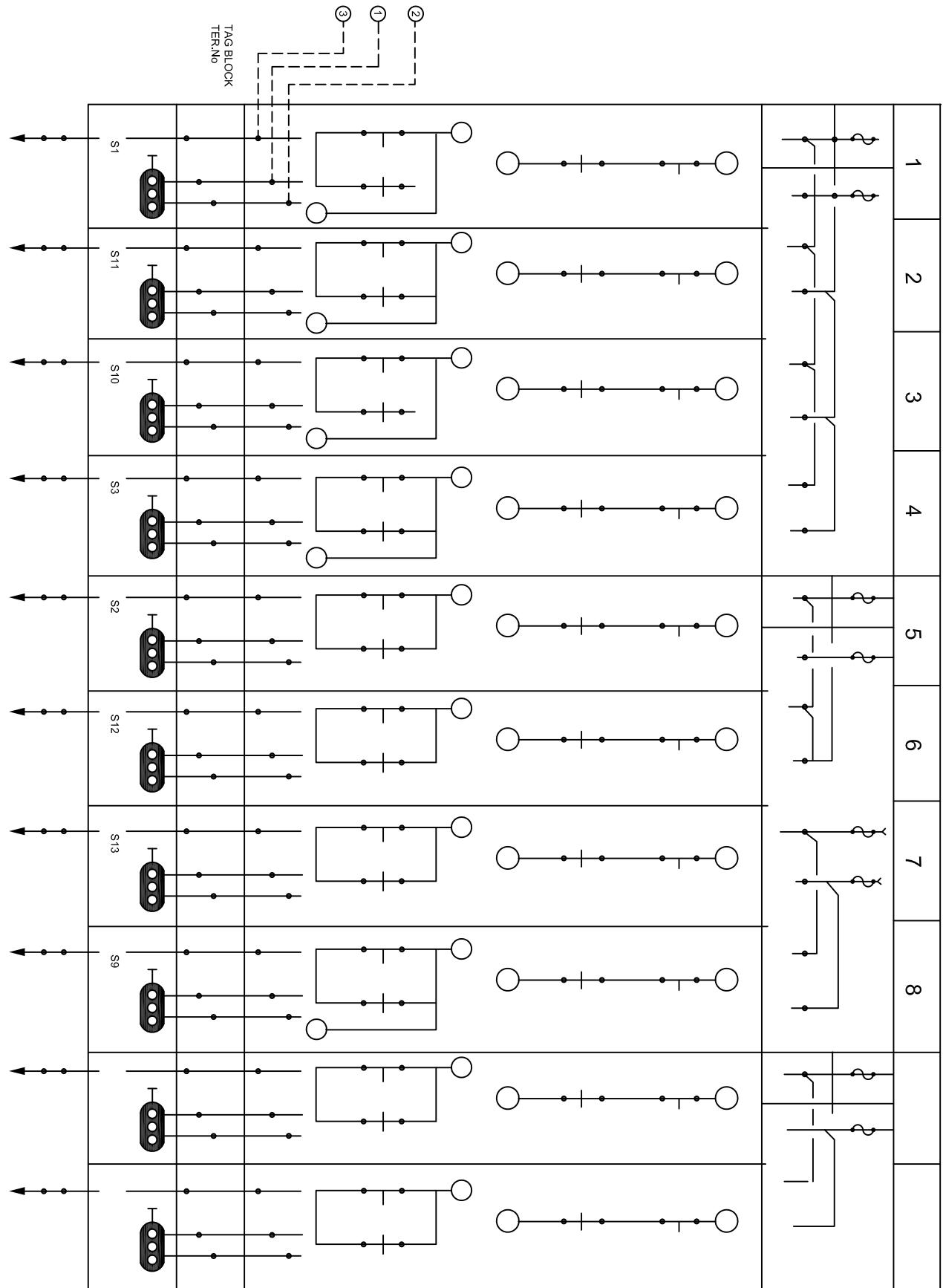
**MAIN SIGNAL&SHUNT SIGNAL LAMP CIRCUITS
AND LAMP MOVING RELAYS**

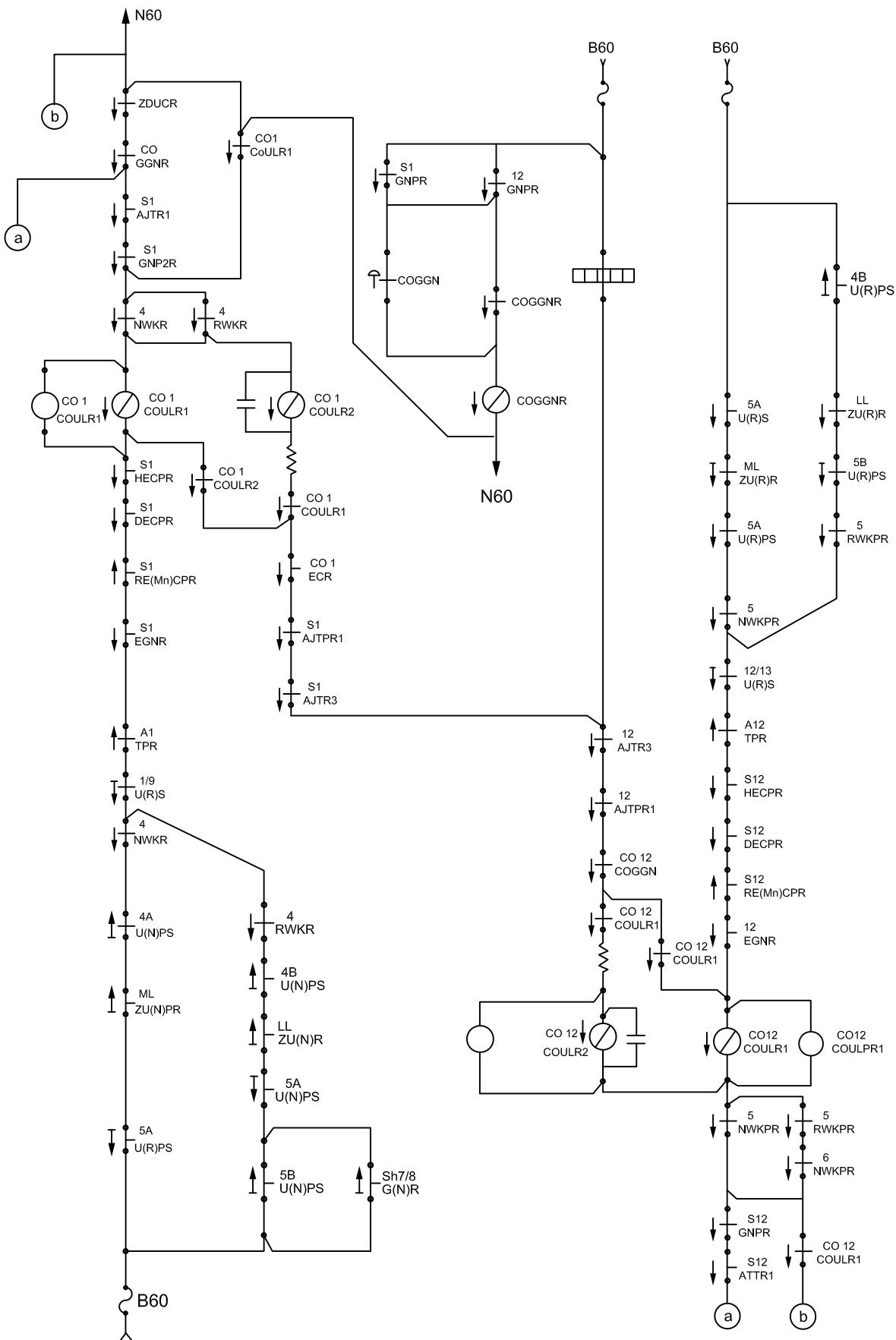


ROUTE INDICATION LAMP CIRCUIT

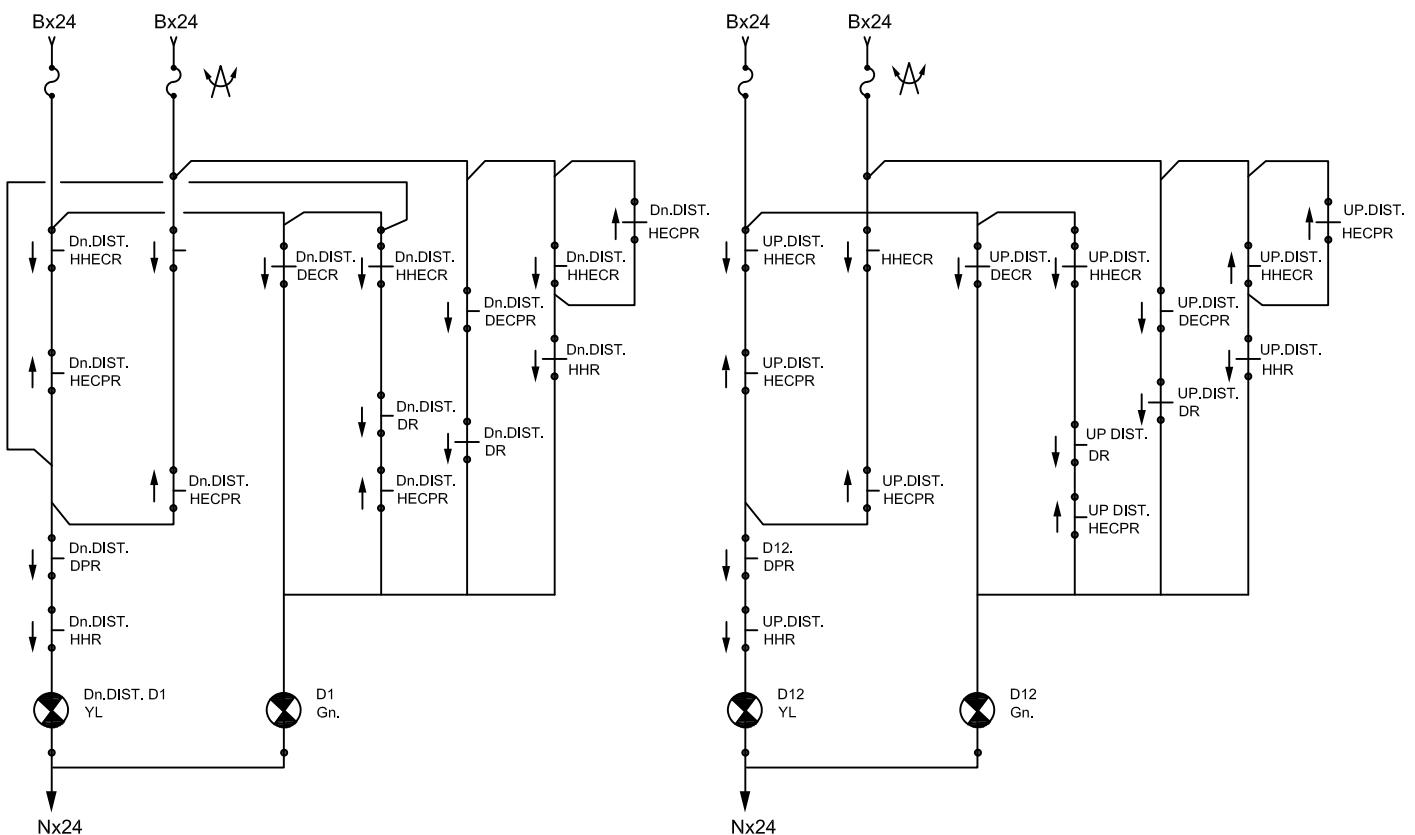
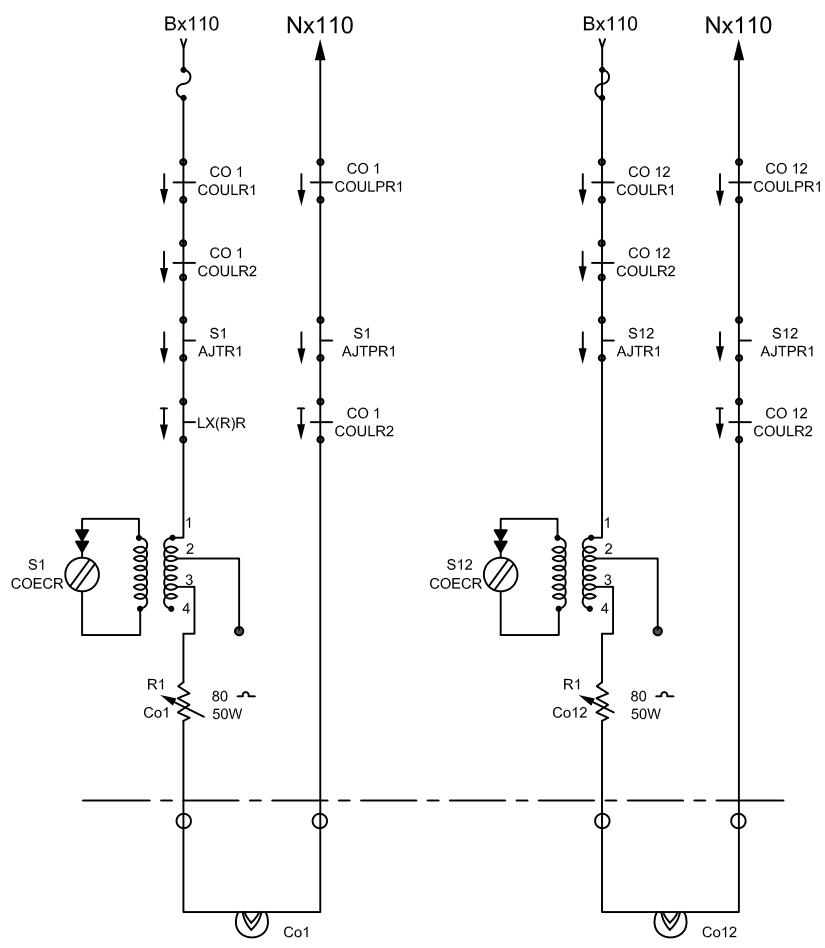


MAIN SIGNAL PANEL INDICATION.

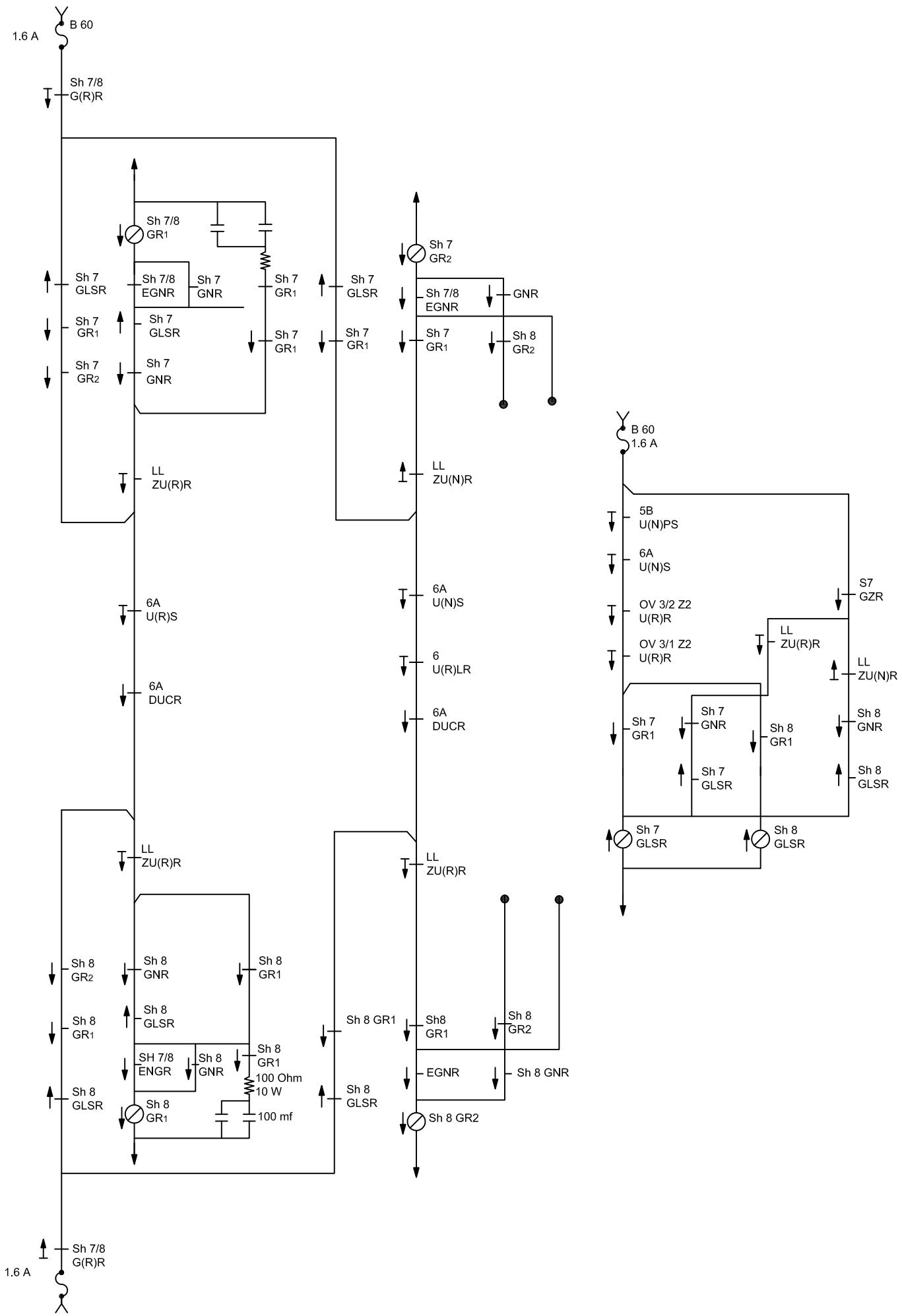


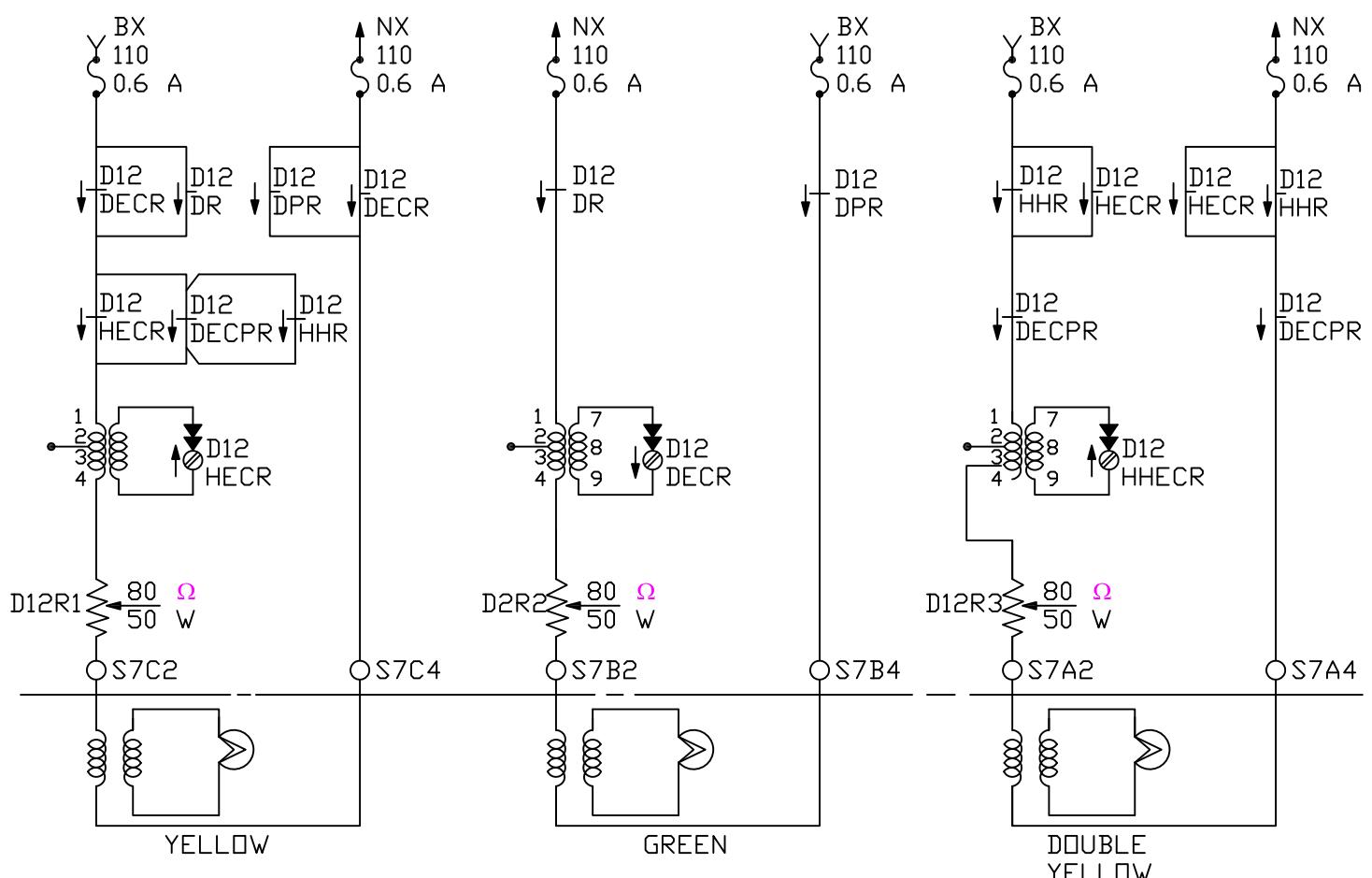
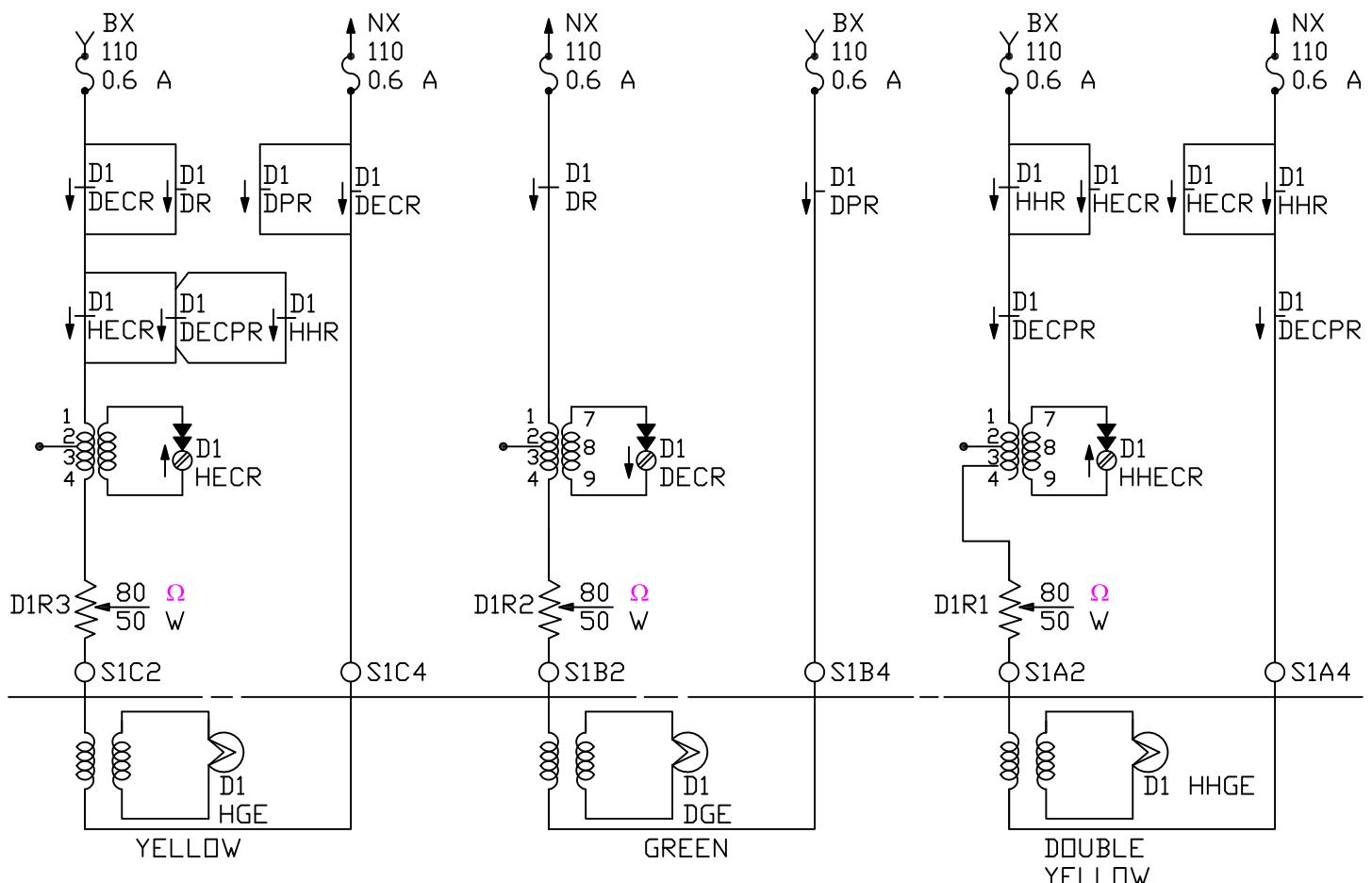


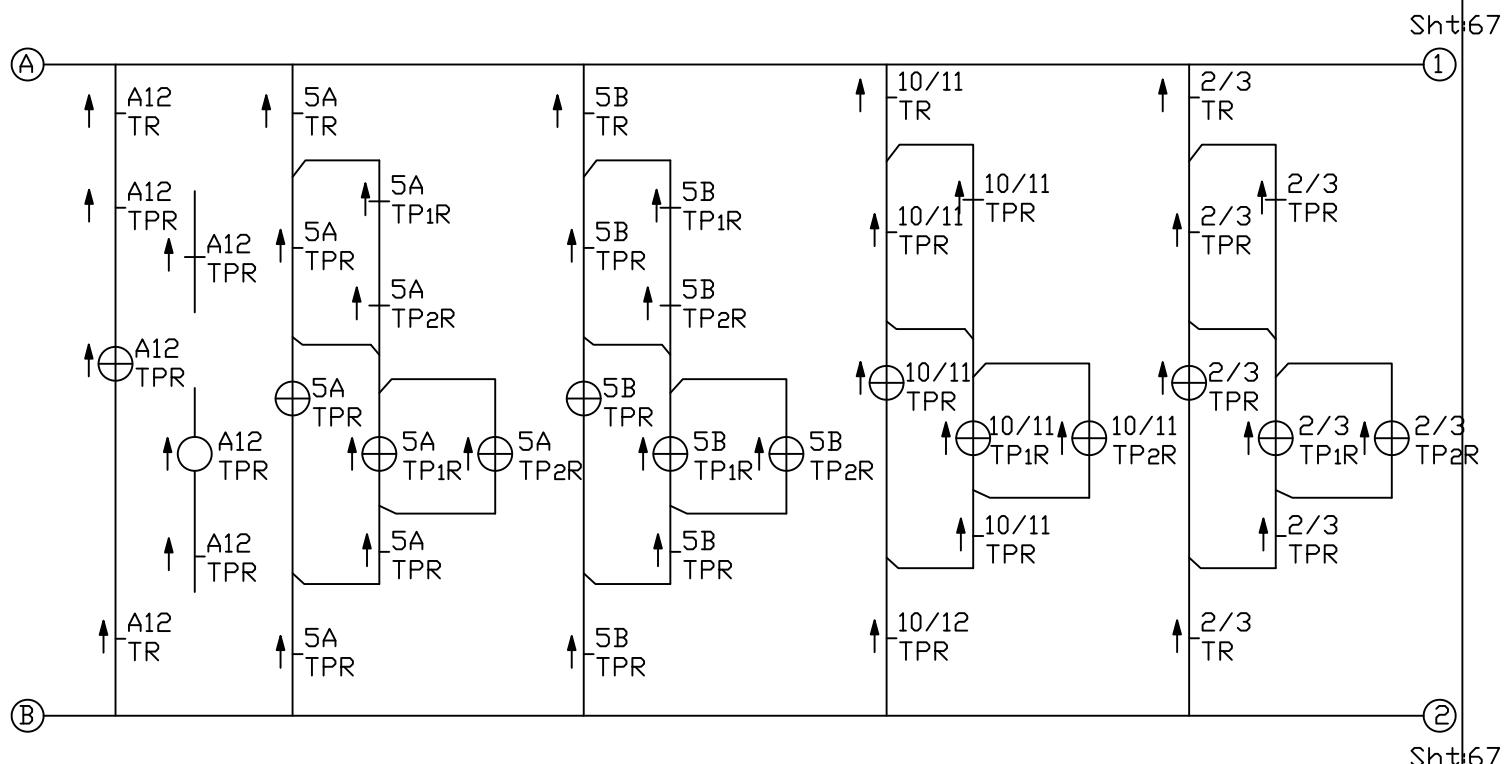
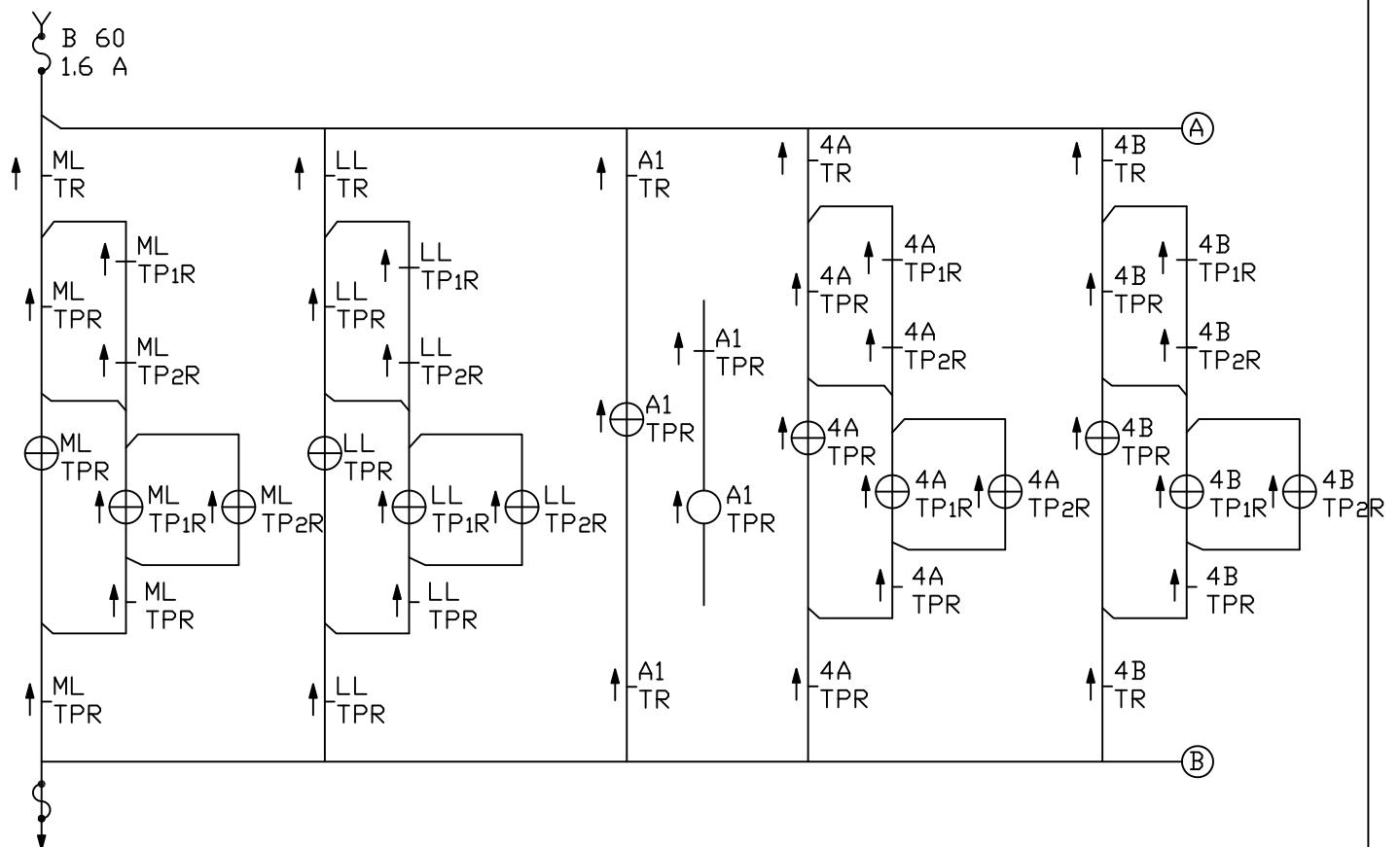
CALLING ON RELAYS CIRCUIT

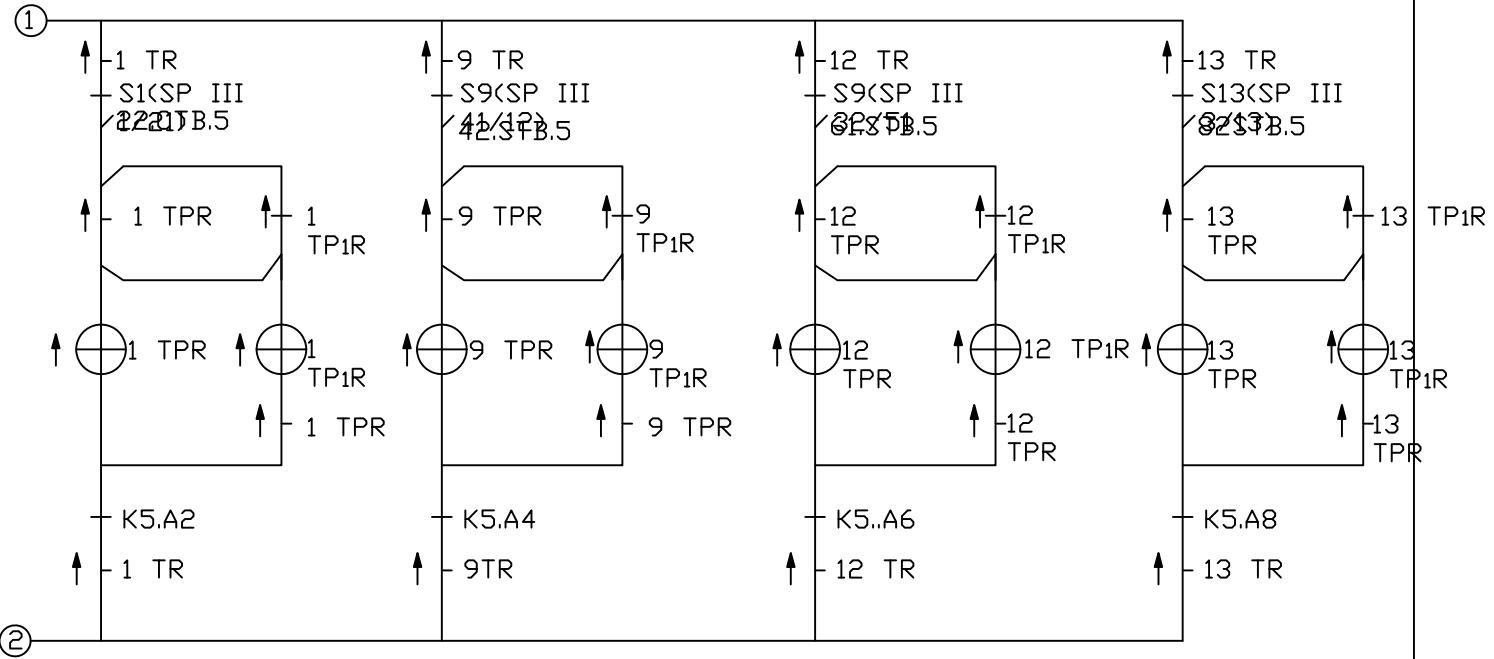


CALLING ON SIGNAL LAMP & INDICATION CIRCUIT









Sht:66

