

East Central Railway

No. No. ECR/S&T/DRG/Policy

Office of
GM (S&T)/HJP
Date-30.10.2024

**CSTE/CON/North & South,
GM/S&T/RVNL/Patna & Ranchi
GM (S&T) IRCON, Patna
Sr.DSTE/DNR, DDU, SEE, DHN & SPJ,
DY.CSTE/Works/DNR, DDU & DHN,
DY.CSTE/Project/HJP & DY.CSTE/RE,**

Sub:- Typical circuit diagram of IBS in single line section between KATKAM - SANDI - KANSAR NAWADA stations.

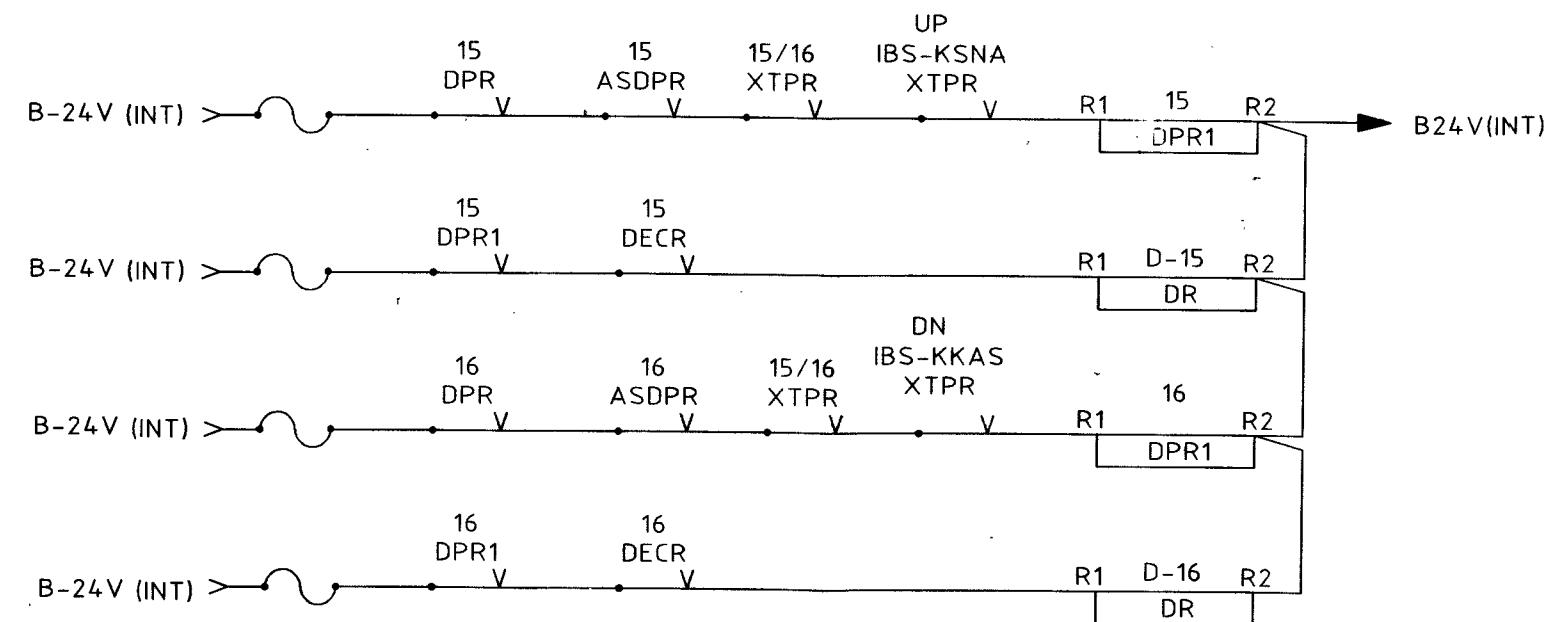
Typical circuit diagram of IBS in single line section has been issued for implementation to maintain uniform circuit with provision of direction setting UFSBI over ECR with immediate effect.

This has the approval of PCSTE/ECR/HJP.

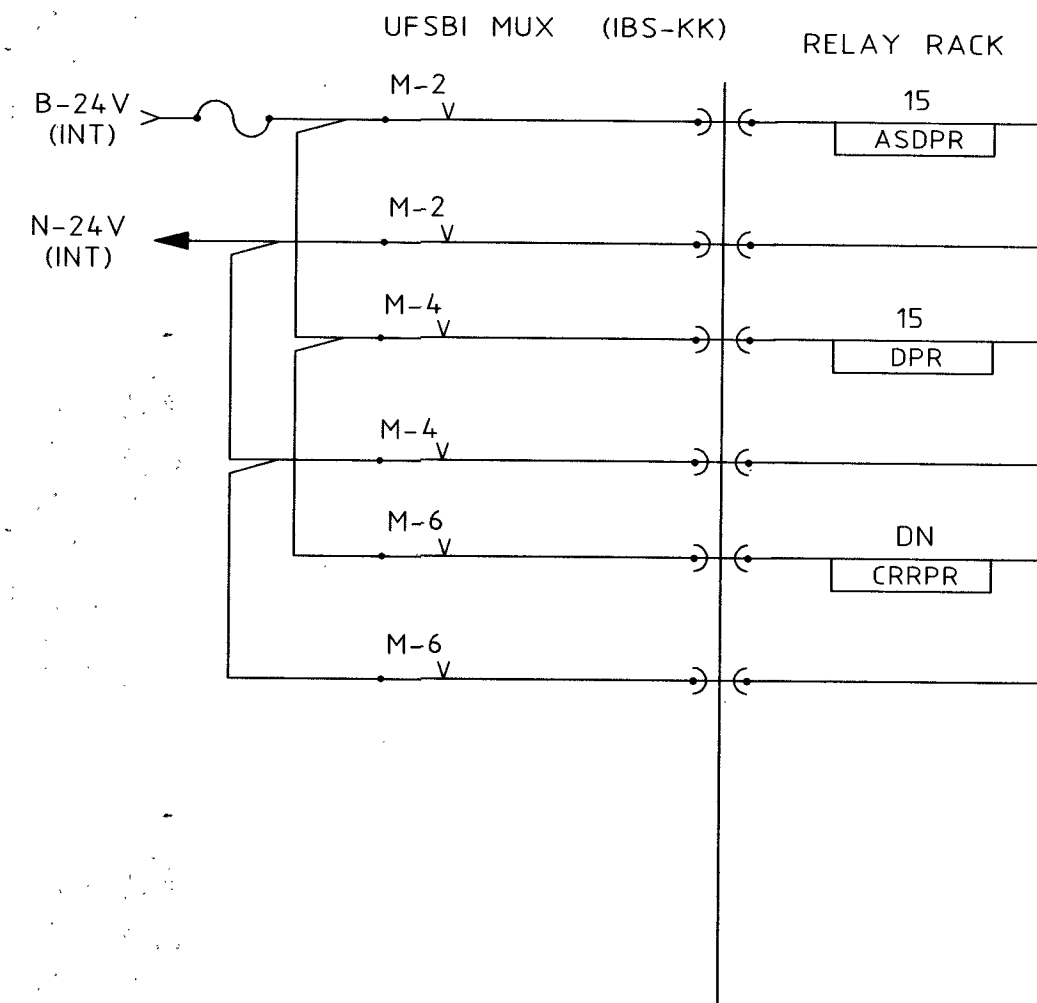
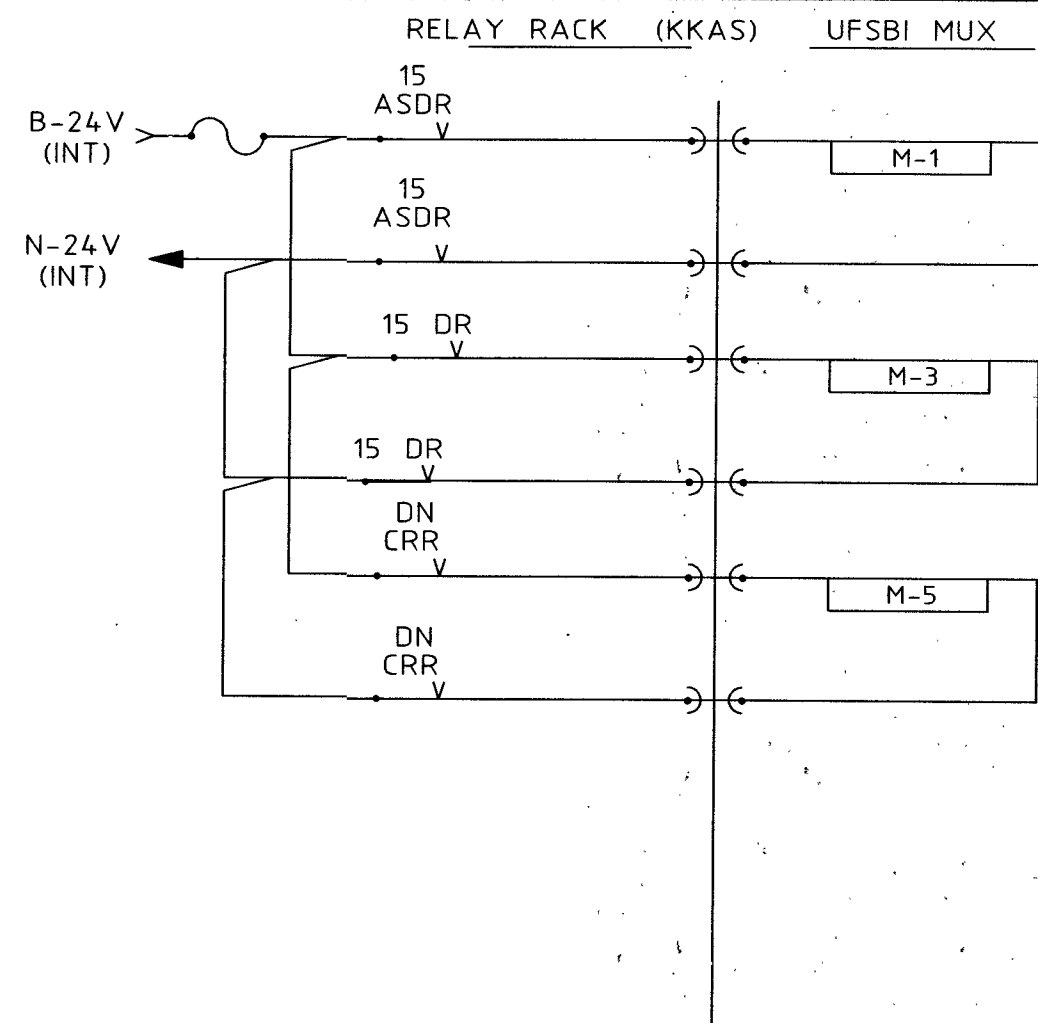

30/10/2024
(B.K.Singh)
Dy. CSTE/D&D/HJP
for GM/S&T/ECR

Copy to:-

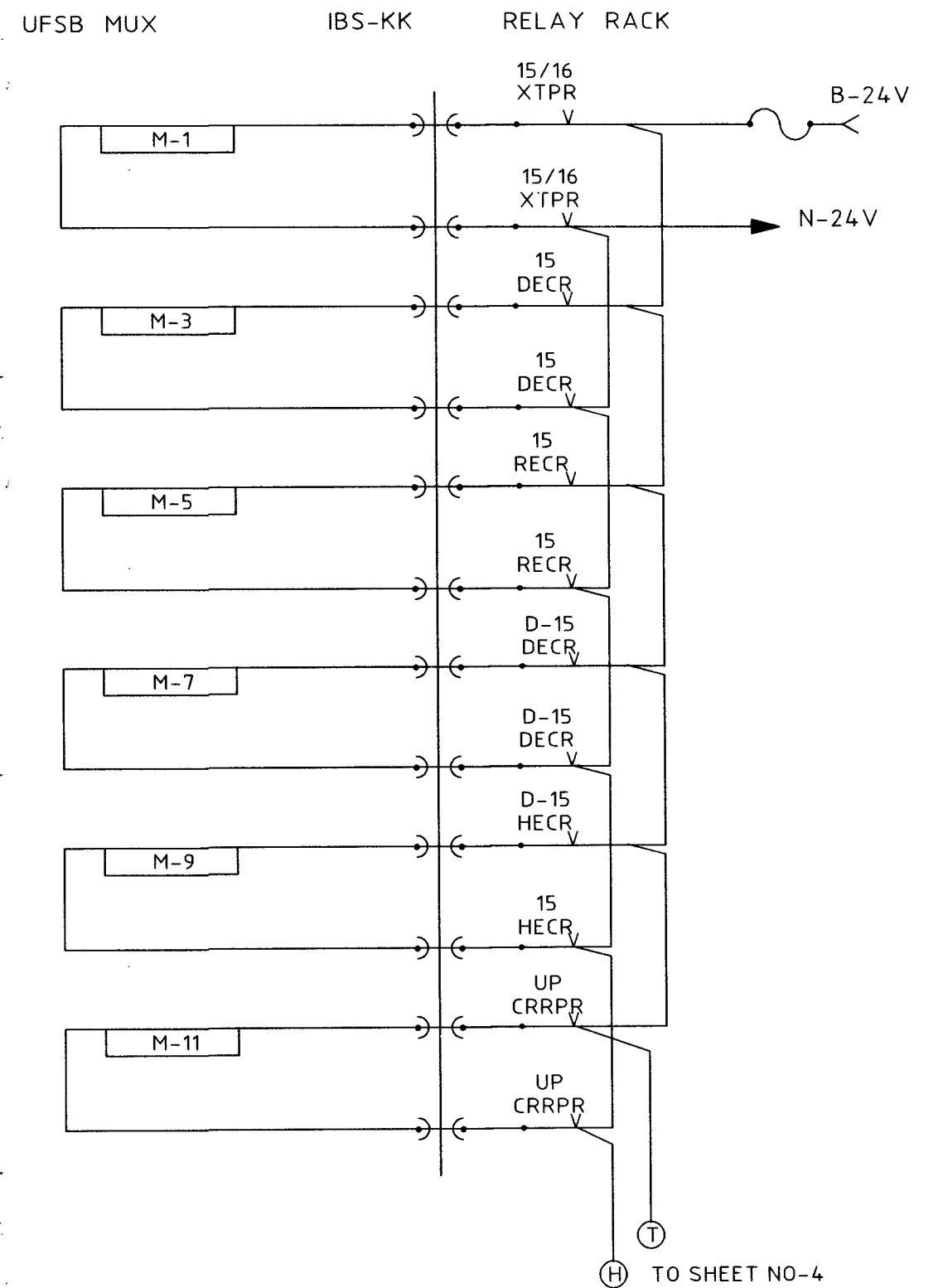
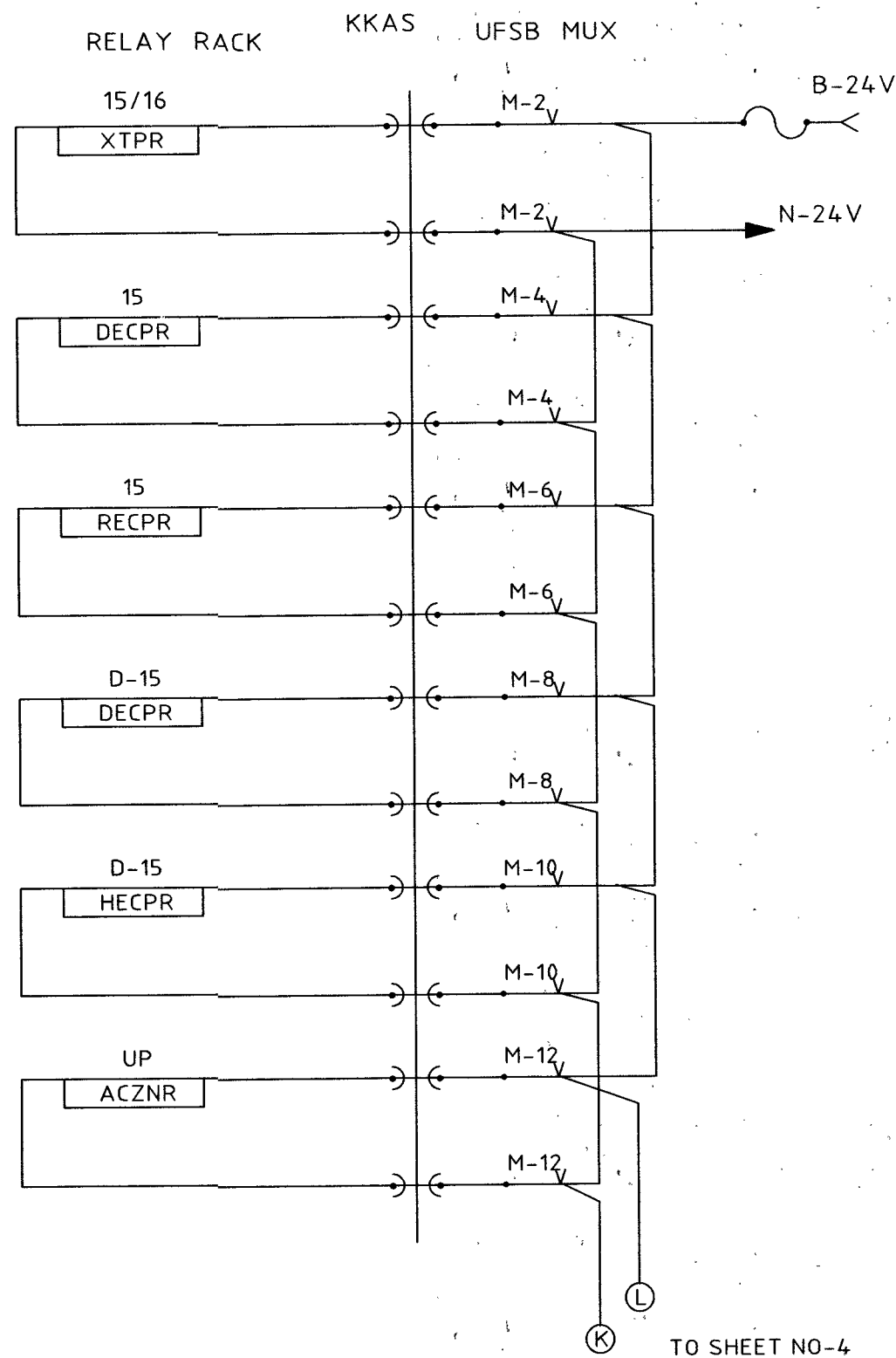
CSTE/Works/HJP for kind information please.



पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D						A P P R O V E D		15,16,DPR1, DR CIRCUITS	TYPICAL CIRCUIT FOR IBS(S/L) IBS-KK	DRAWING No.
												ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP	PCSTE/E.C.R./HJP			SH:-1/11



पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D					A P P R O V E D		UFSBI MUX WITH KKAS CIRCUITS	TYPICAL CIRCUIT FOR IBS(S/L) IBS-KK	DRAWING No.
											ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP			SH:-2/11



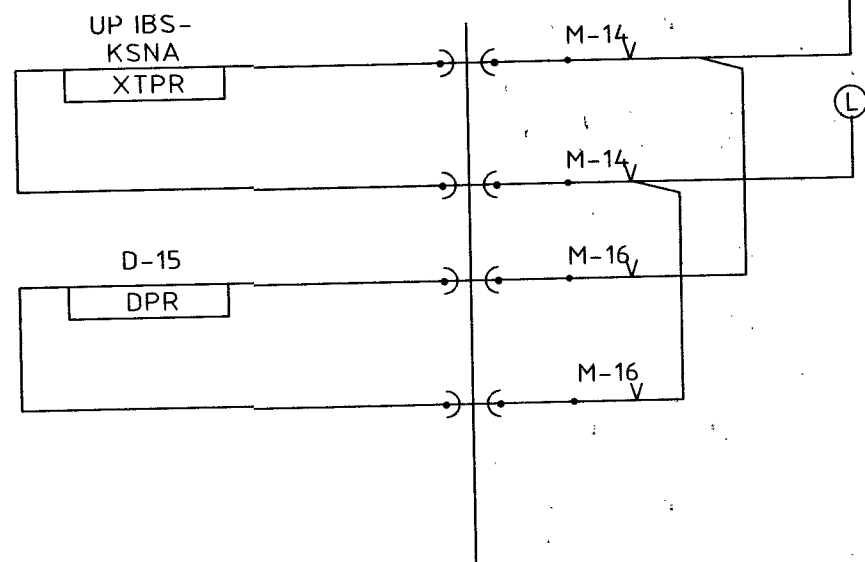
पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D					A P P R O V E D			UFSBI MUX WITH KKAS CIRCUITS	TYPICAL CIRCUIT FOR IBS(S/L) IBS-KK	DRAWING No.
												ECR/WD/TYPICAL/ IBS(S/L)/2024 SH:-3/11
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASSE/PLG	ASSE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP				

RELAY RACK

KKAS

UFSBI MUX.

FROM SHEET NO-3

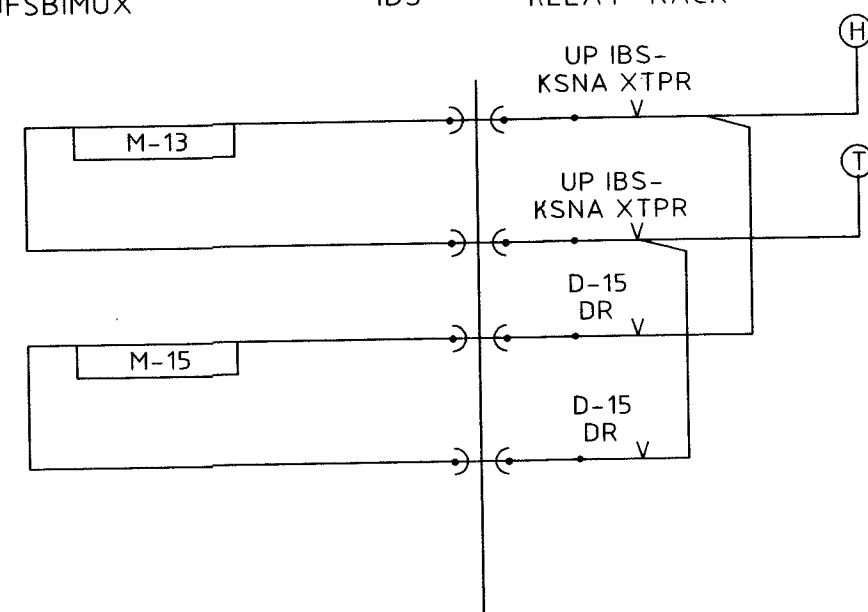


UFSBIMUX

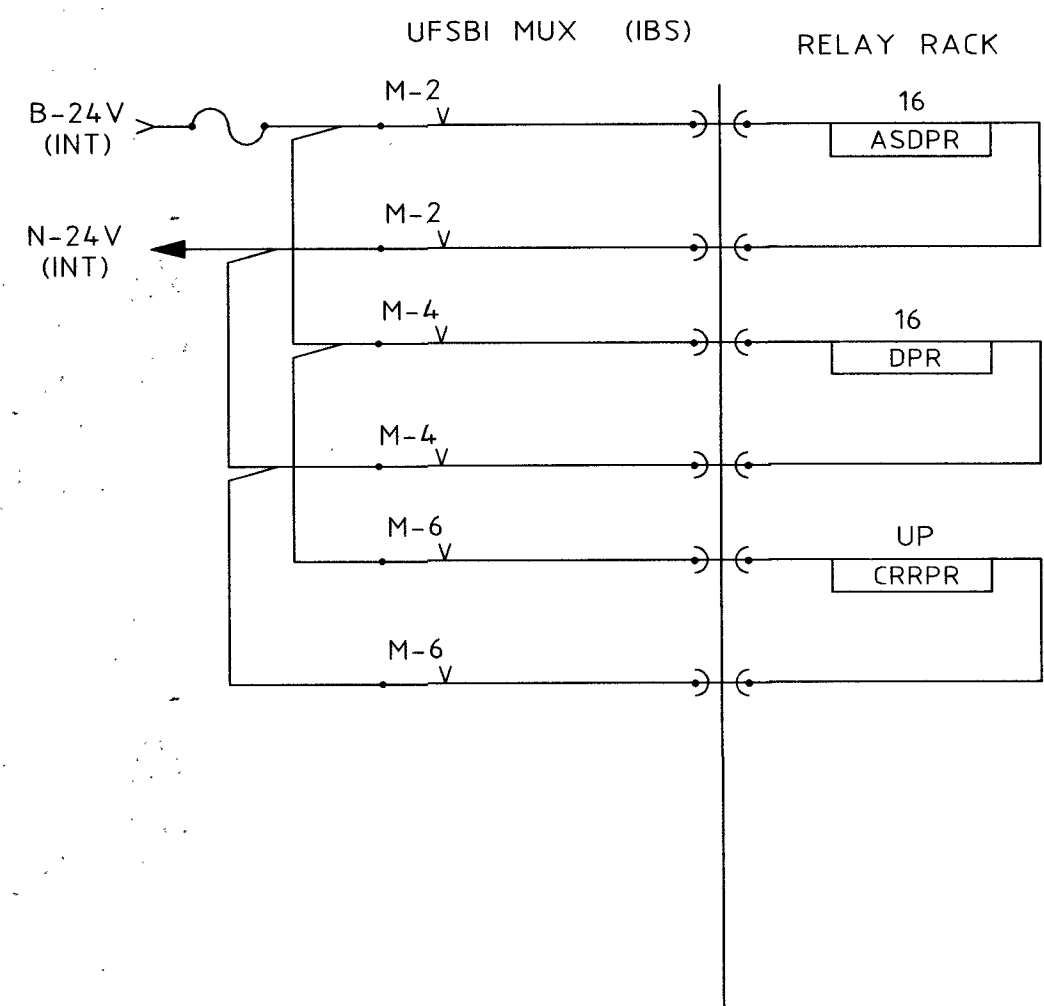
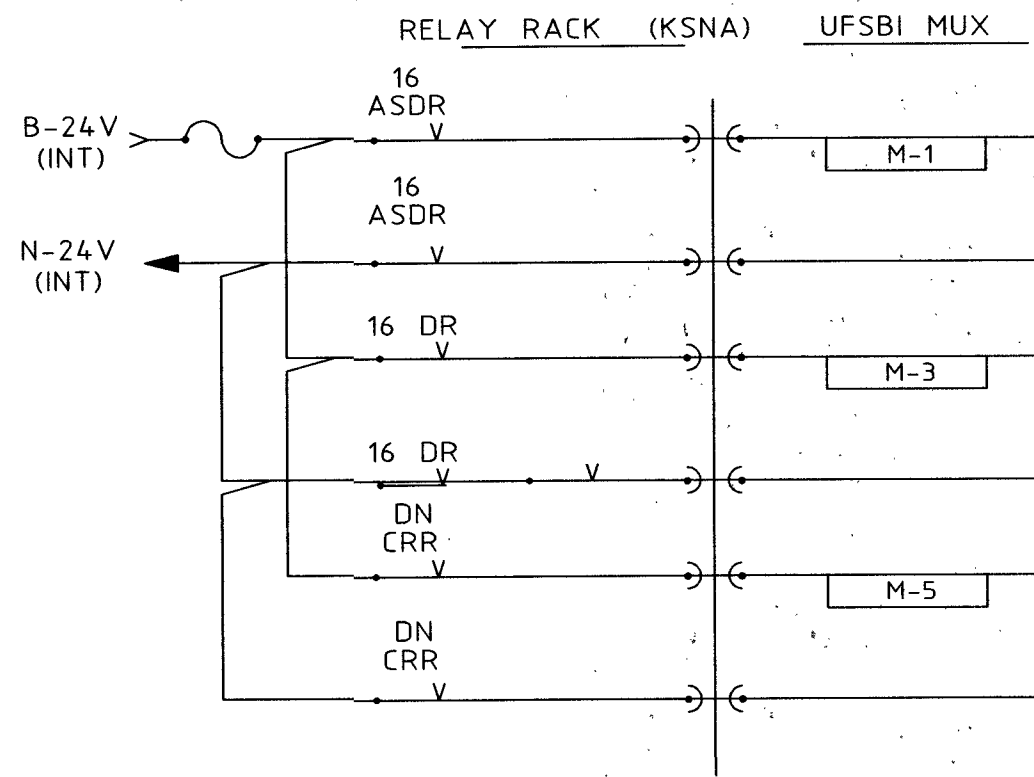
IBS

RELAY RACK

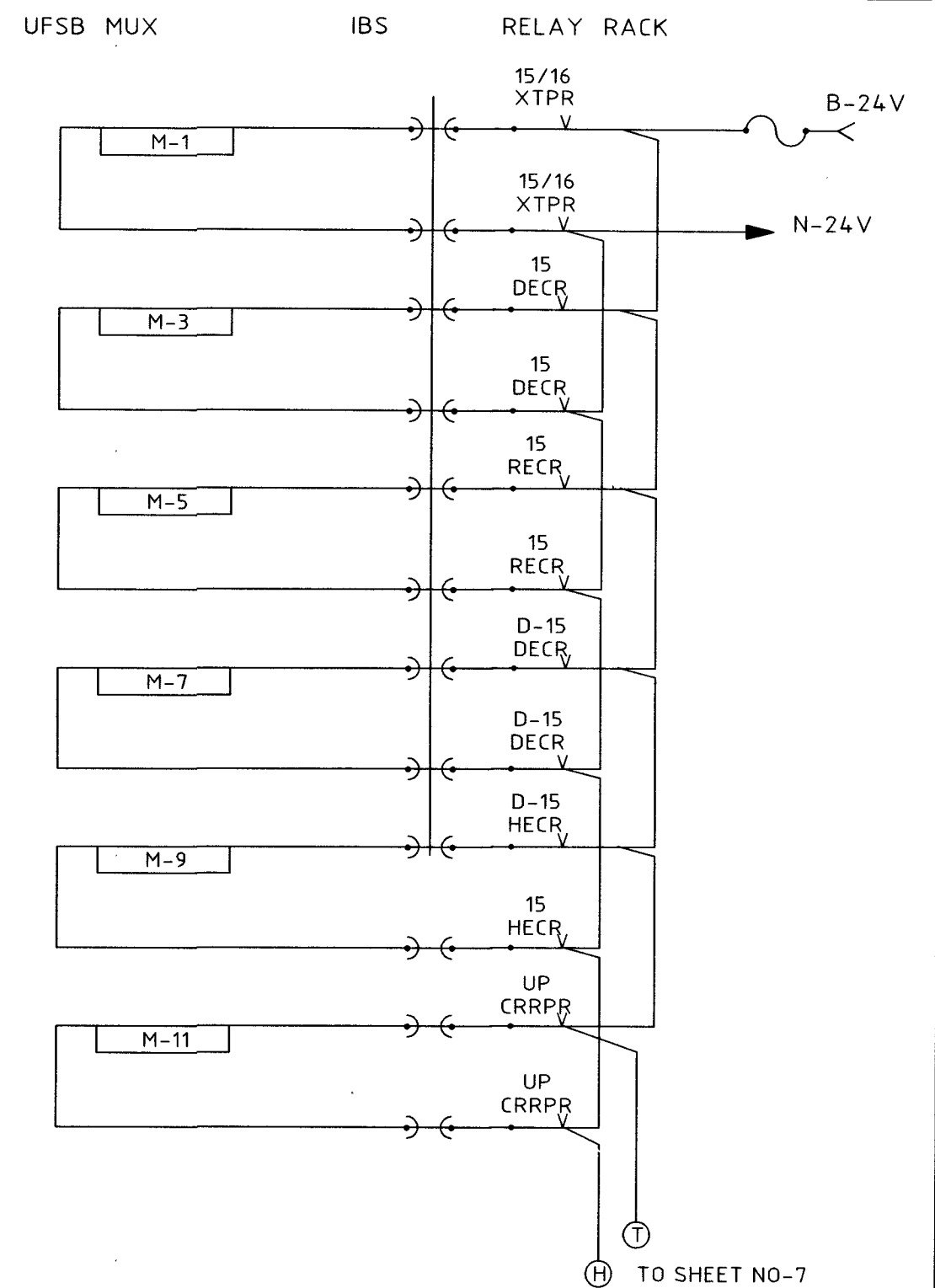
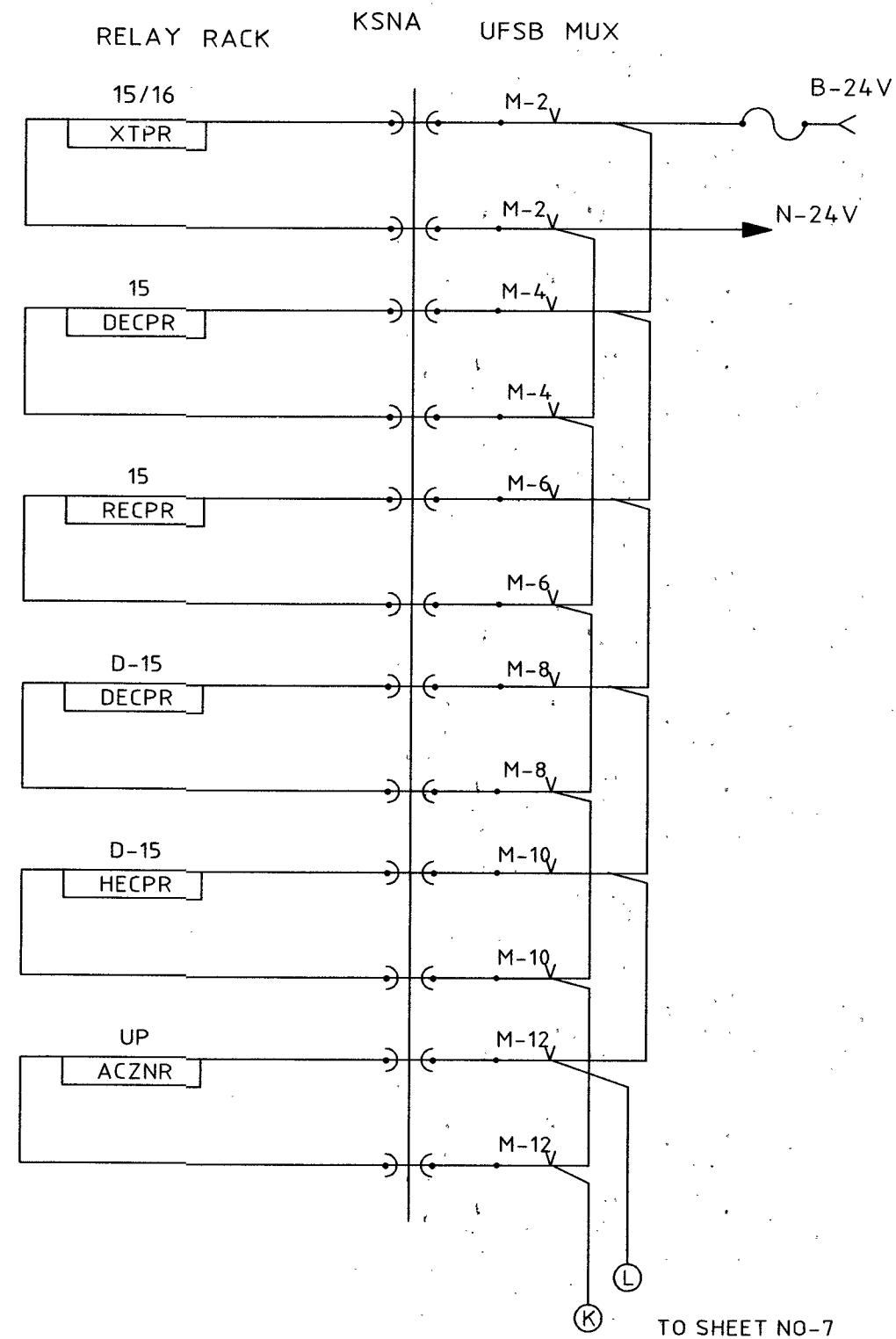
FROM SHEET NO-3



पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	CHECKED					APPROVED		UFSBI MUX WITH KKAS CIRCUITS	TYPICAL CIRCUIT FOR IBS(S/L) IBS-KK	DRAWING No.
		SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP		ECR/WD/TYPICAL/ IBS(S/L)/2024 SH:-4/11



पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.		C H E C K E D					A P P R O V E D		UFSBI MUX WITH KSNA CIRCUITS	TYPICAL CIRCUIT FOR IBS(S/L) IBS-KK	DRAWING No.
									ECR/WD/TYPICAL/ IBS(S/L)/2024			
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP	SH:-5/11			



पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D					A P P R O V E D			UFSBI MUX WITH KSNA CIRCUITS	TYPICAL CIRCUIT FOR IBS(S/L) IBS-KK	DRAWING No.
												ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP				SH:-6/11

RELAY RACK

KKAS

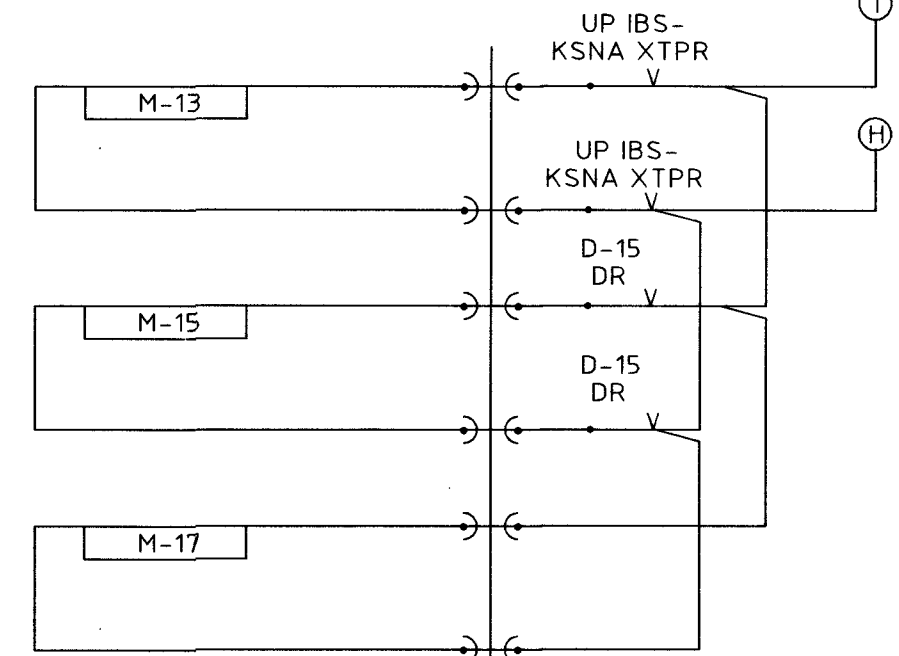
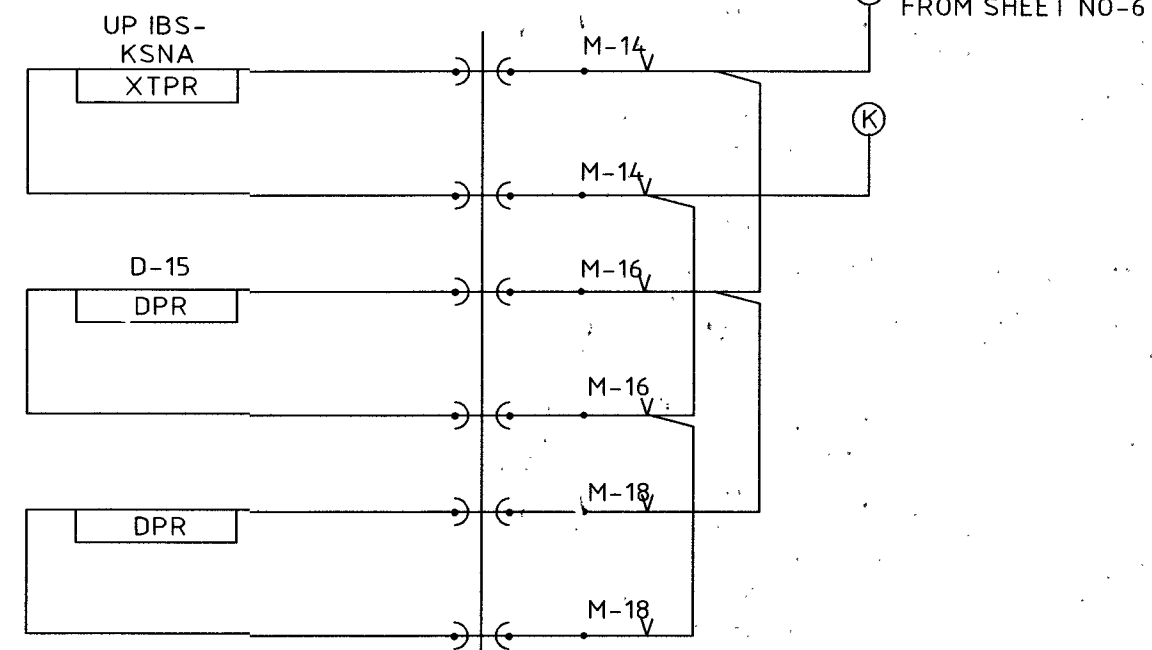
UFSBI MUX

UFSBIMUX

IBS

RELAY RACK

FROM SHEET NO-6



पूर्व मध्य रेल
हाजीपुर
E.C. RAILWAY
HAJIPUR

DRAWN.

SSE/DRG.

C H E C K E D

SSE/DRG.

SSE/SIG.

ASSTE/PLG

ASSTE/D & D

Dy.CSTE/D & D

A P P R O V E D

NIR. YADAV

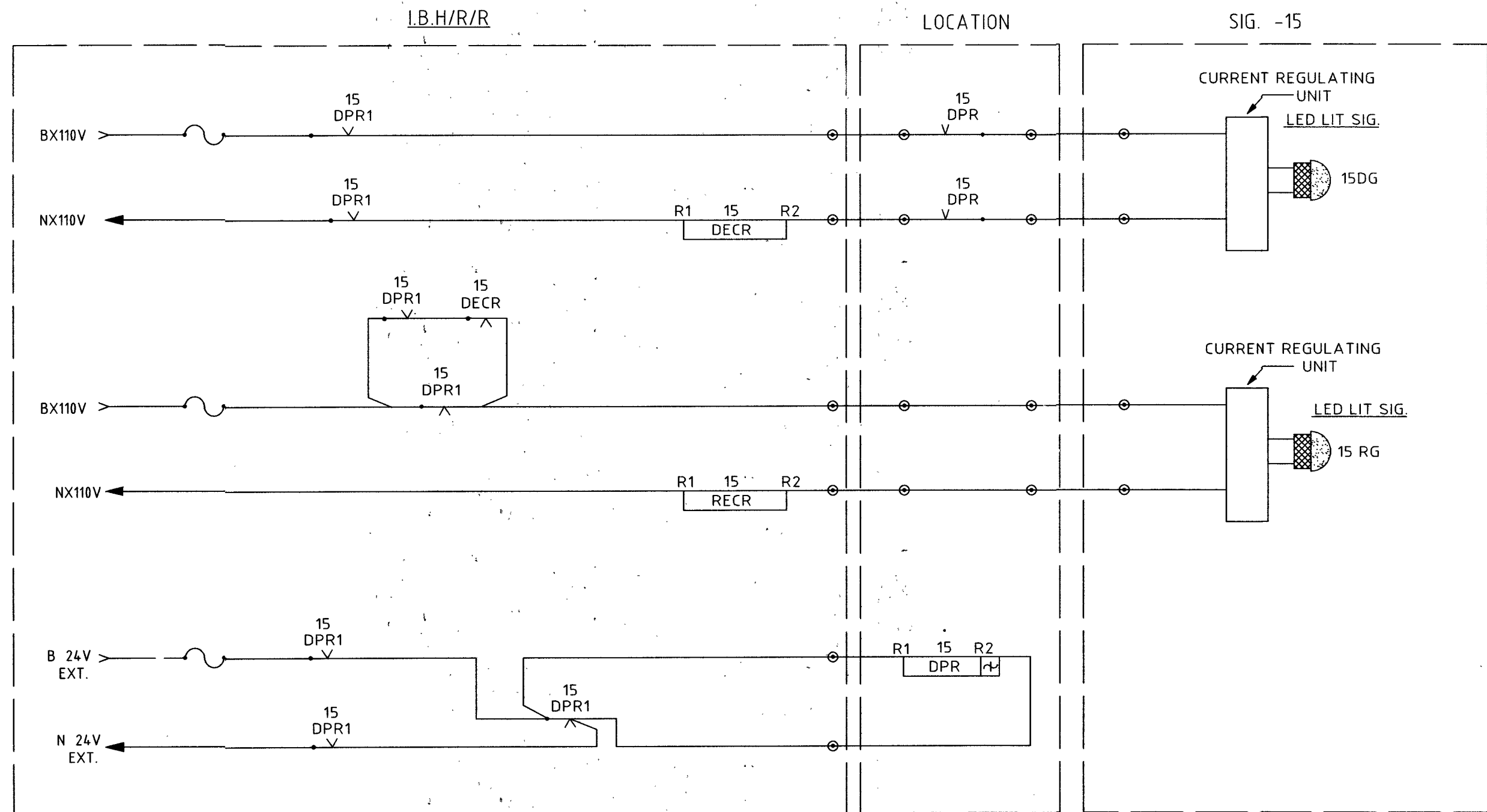
SAVITA GEDAM

UFSBI MUX WITH
KSNA CIRCUITSTYPICAL CIRCUIT FOR
IBS(S/L)
IBS-KK

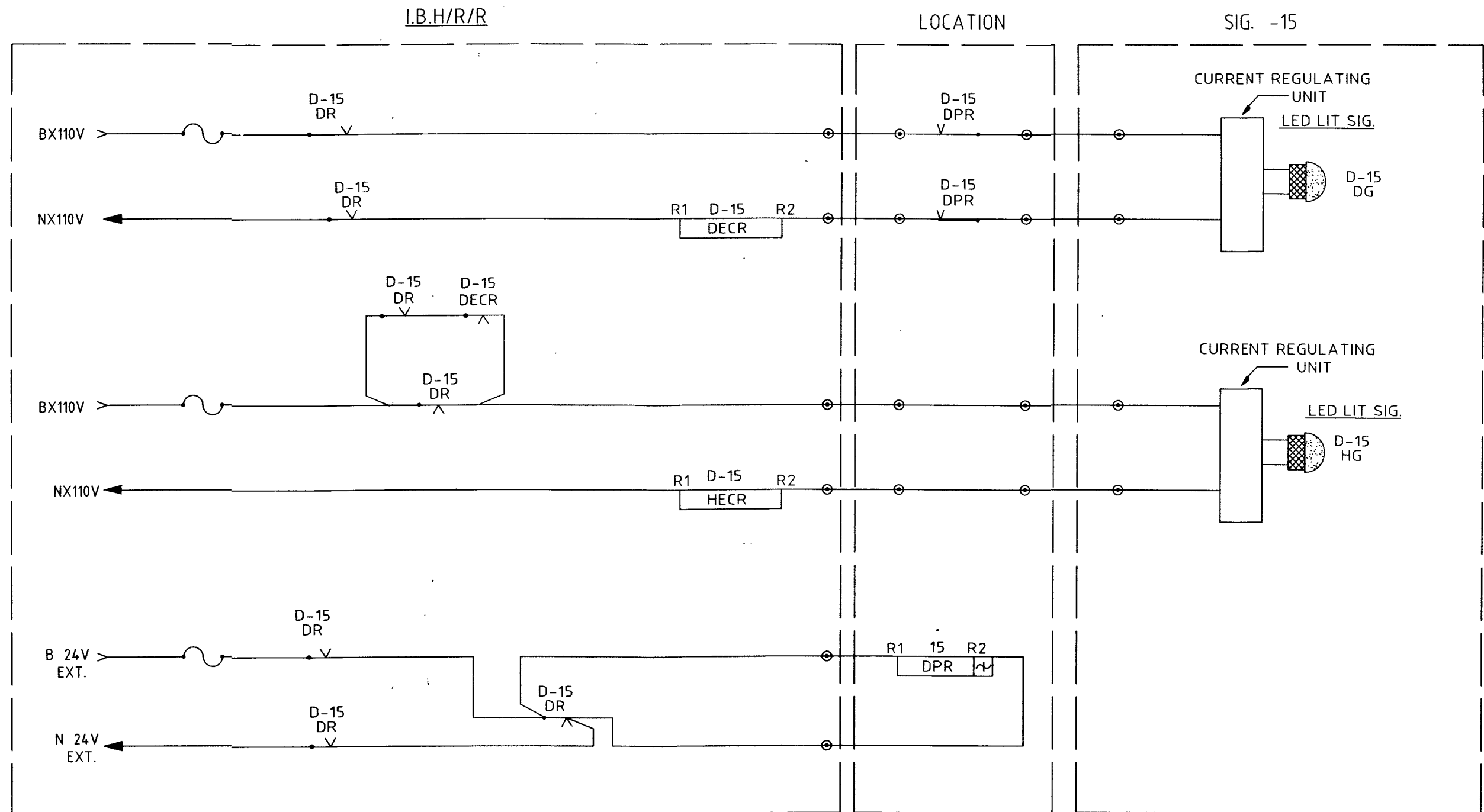
DRAWING No.

ECR/WD/TYPICAL/
IBS(S/L)/2024

SH:-7/11

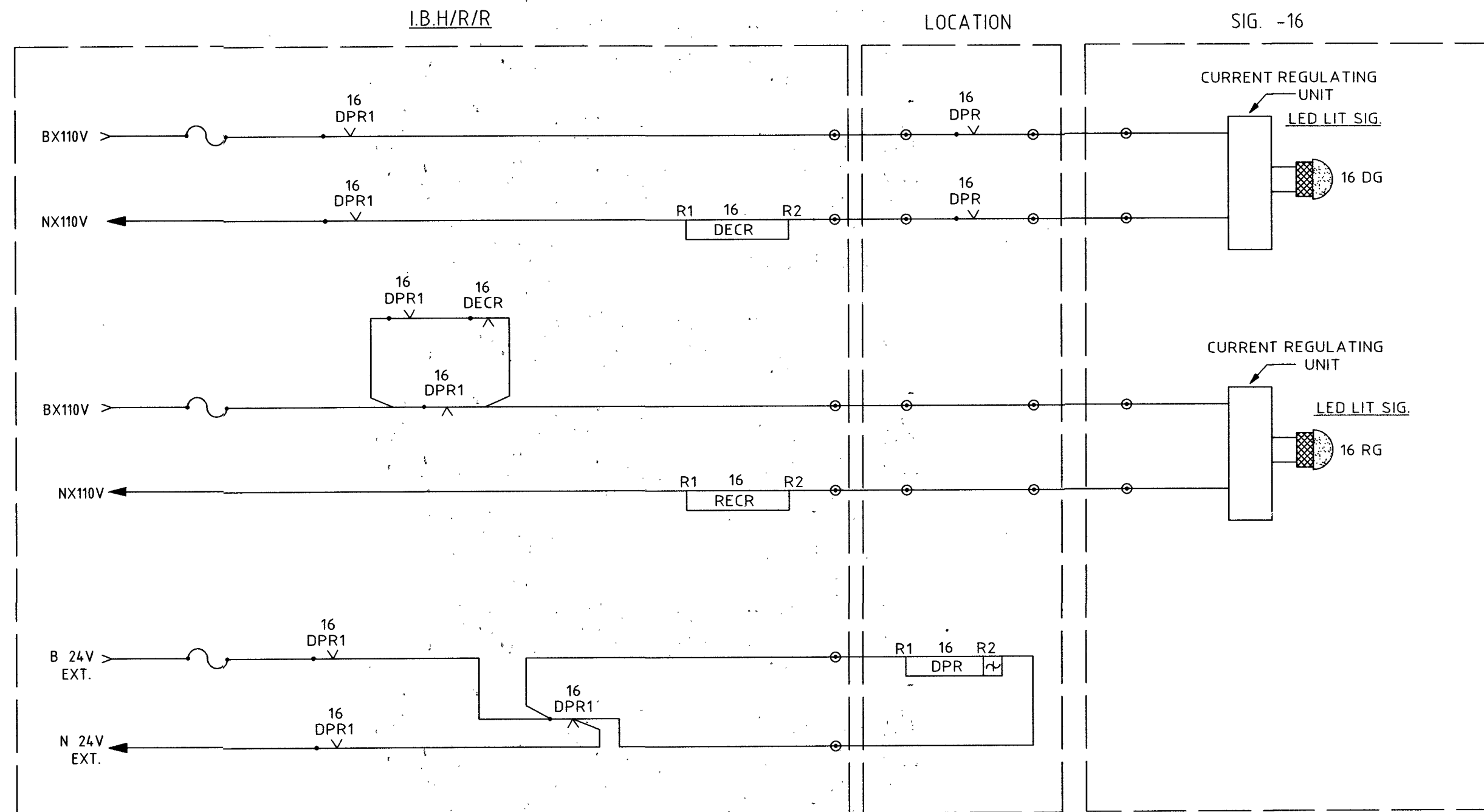


पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D					A P P R O V E D		LAMP CONTROL CIRCUITS S-15	TYPICAL CIRCUIT FOR IBS(S/L) IBS-KK	DRAWING No.
											ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP			SH:-8/11

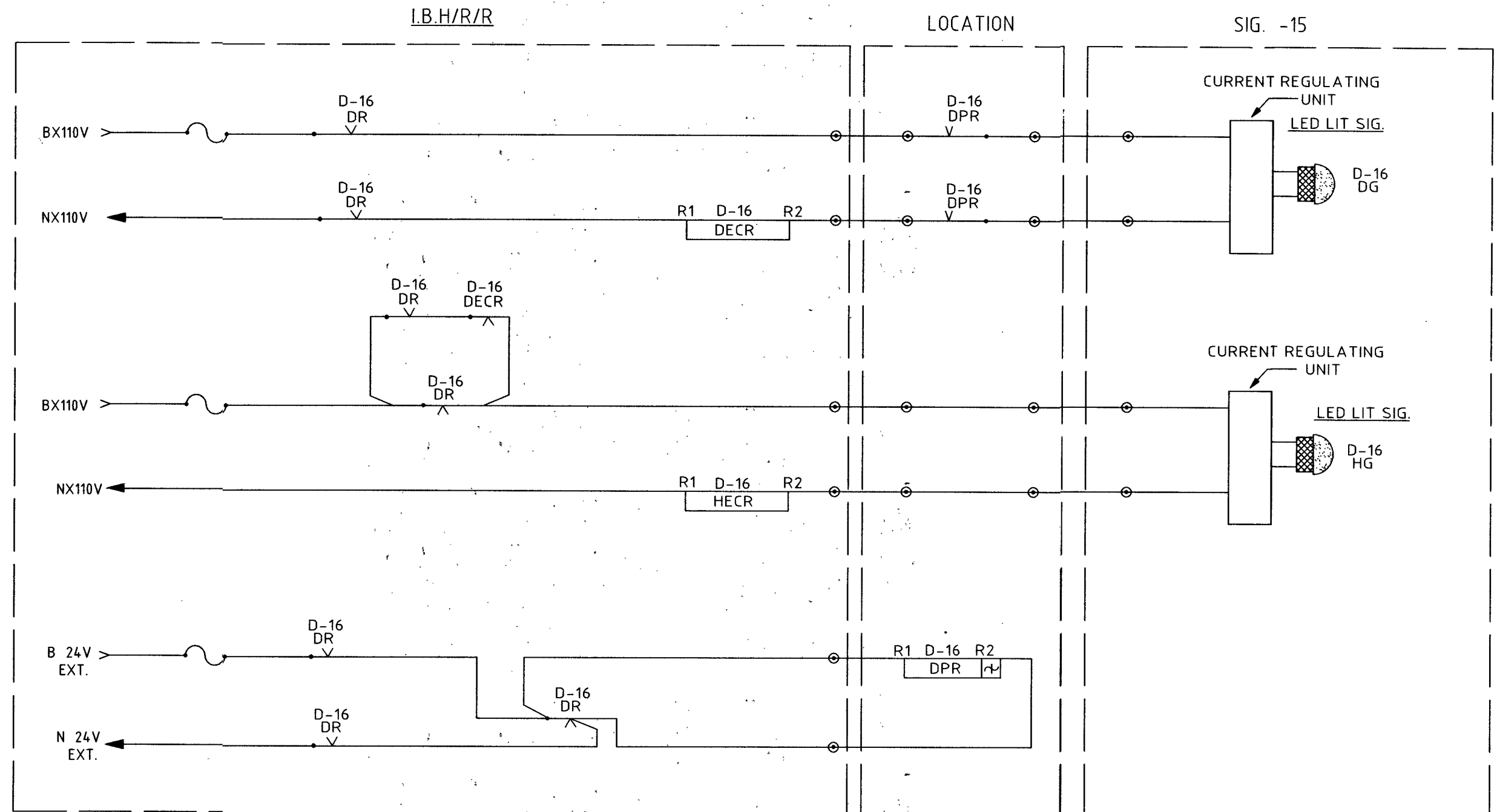


पूर्व मध्य रेल
हाजीपुर
E.C. RAILWAY
HAJIPUR

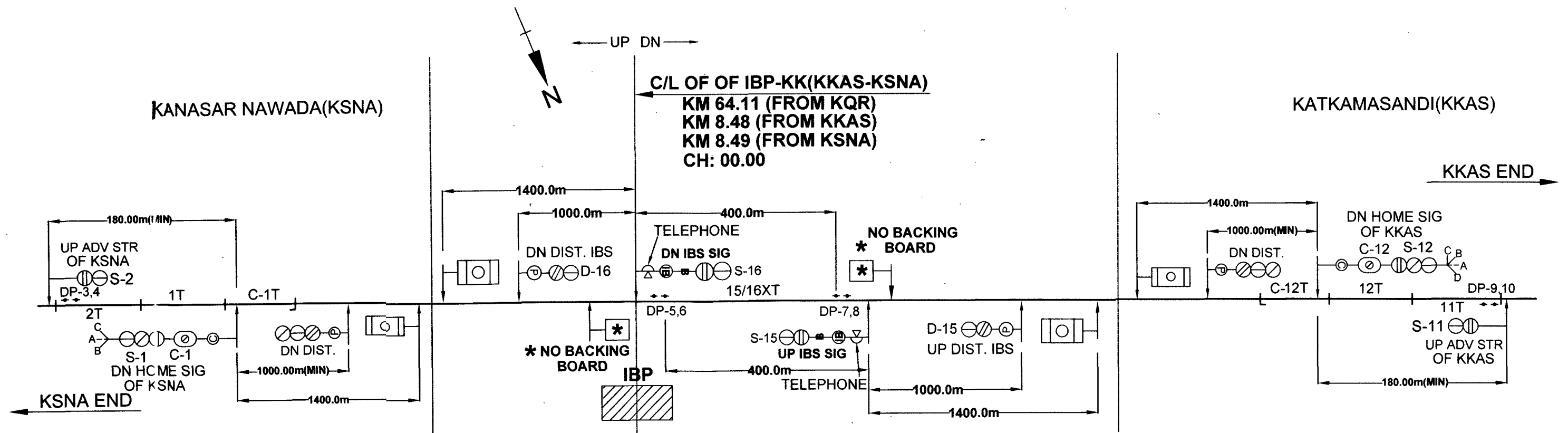
DRAWN.	C H E C K E D				A P P R O V E D		LAMP CONTROL CIRCUITS D-15	TYPICAL CIRCUIT FOR IBS(S/L) IBS-KK	DRAWING No.
									ECR/WD/TYPICAL/ IBS(S/L)/2024 SH:-9/11
SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP		



पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.		C H E C K E D				A P P R O V E D		LAMP CONTROL CIRCUITS S-16	TYPICAL CIRCUIT FOR IBS(S/L) IBS-KK	DRAWING No.
											ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP			SH:-10/11



पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D					A P P R O V E D		LAMP CONTROL CIRCUITS D-16	TYPICAL CIRCUIT FOR IBS(S/L) IBS-KK	DRAWING No.
											ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP			SH:-11/11



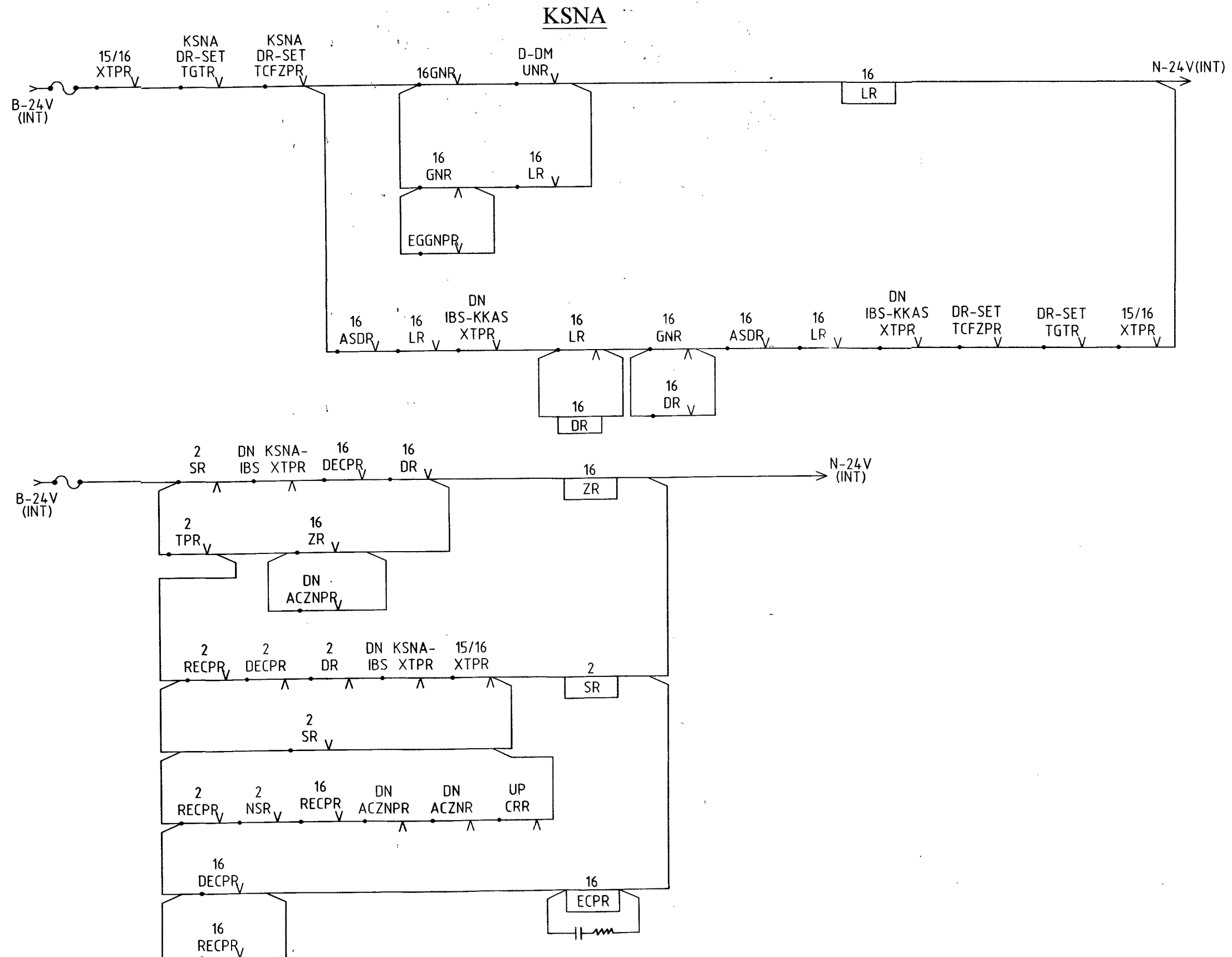
FOR DN DIRECTION
TRACK SECTION

SL No.	COMBINED TRACK CIRCUIT	PARALLEL DUAL TRACK SECTION	FROM	TO
1	DN KSNA -IBS XT	DN KSNA -IBS AXT	DP-3	DP-7
		DN KSNA -IBS BXT	DP-4	DP-8
2	15/16XT	15/16AXT	DP-5	DP-7
		15/16BXT	DP-6	DP-8
3	DN IBS - KKAS XT(BPAC)	DN IBS - KKAS AXT	DP-5	DP-9
		DN IBS - KKAS BXT	DP-6	DP-10
4	DN KSNA - KKAS XT(SUP)	DN KSNA - KKAS AXT(SUP)	DP-3	DP-9
		DN KSNA - KKAS BXT(SUP)	DP-4	DP-10

FOR UP DIRECTION
TRACK SECTION

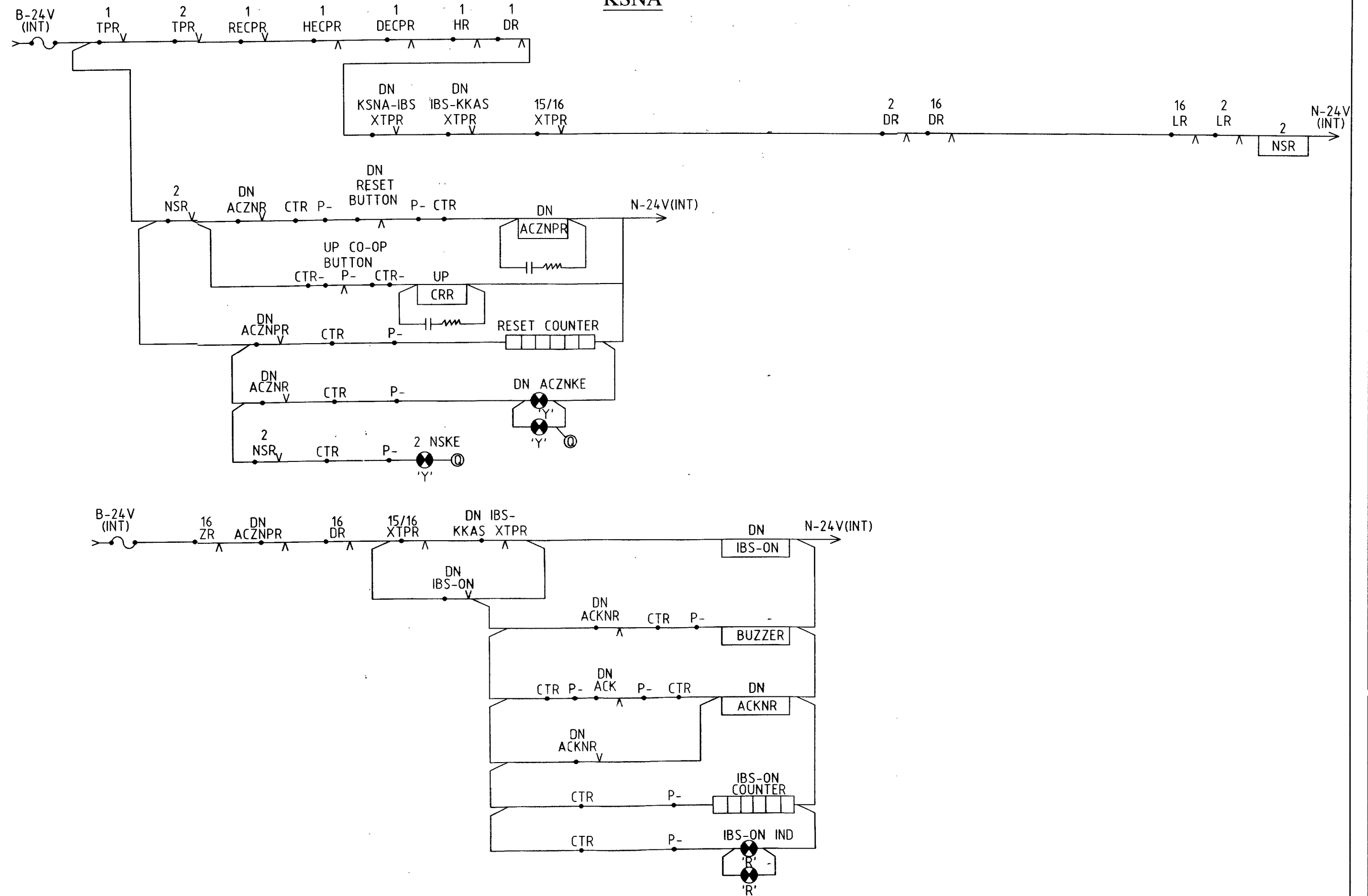
SL No.	COMBINED TRACK CIRCUIT	PARALLEL DUAL TRACK SECTION	FROM	TO
1	UP KKAS -IBS XT	UP KKAS -IBS AXT	DP-9	DP-5
		UP KKAS -IBS BXT	DP-10	DP-6
2	15/16XT	15/16AXT	DP-7	DP-5
		15/16BXT	DP-8	DP-6
3	UP IBS - KSNA XT(BPAC)	UP IBS - KSNA AXT	DP-7	DP-3
		UP IBS - KSNA BXT	DP-8	DP-4
4	UP KKAS -KSNA XT(SUP)	UP KKAS -KSNA AXT(SUP)	DP-9	DP-3
		UP KKAS -KSNA BXT(SUP)	DP-10	DP-4

पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D				A P P R O V E D			SKETCH DIAGRAM FOR IBS(S/L) IBS-KK	DRAWING No.
										ECR/SIP/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP		SH:-1/1



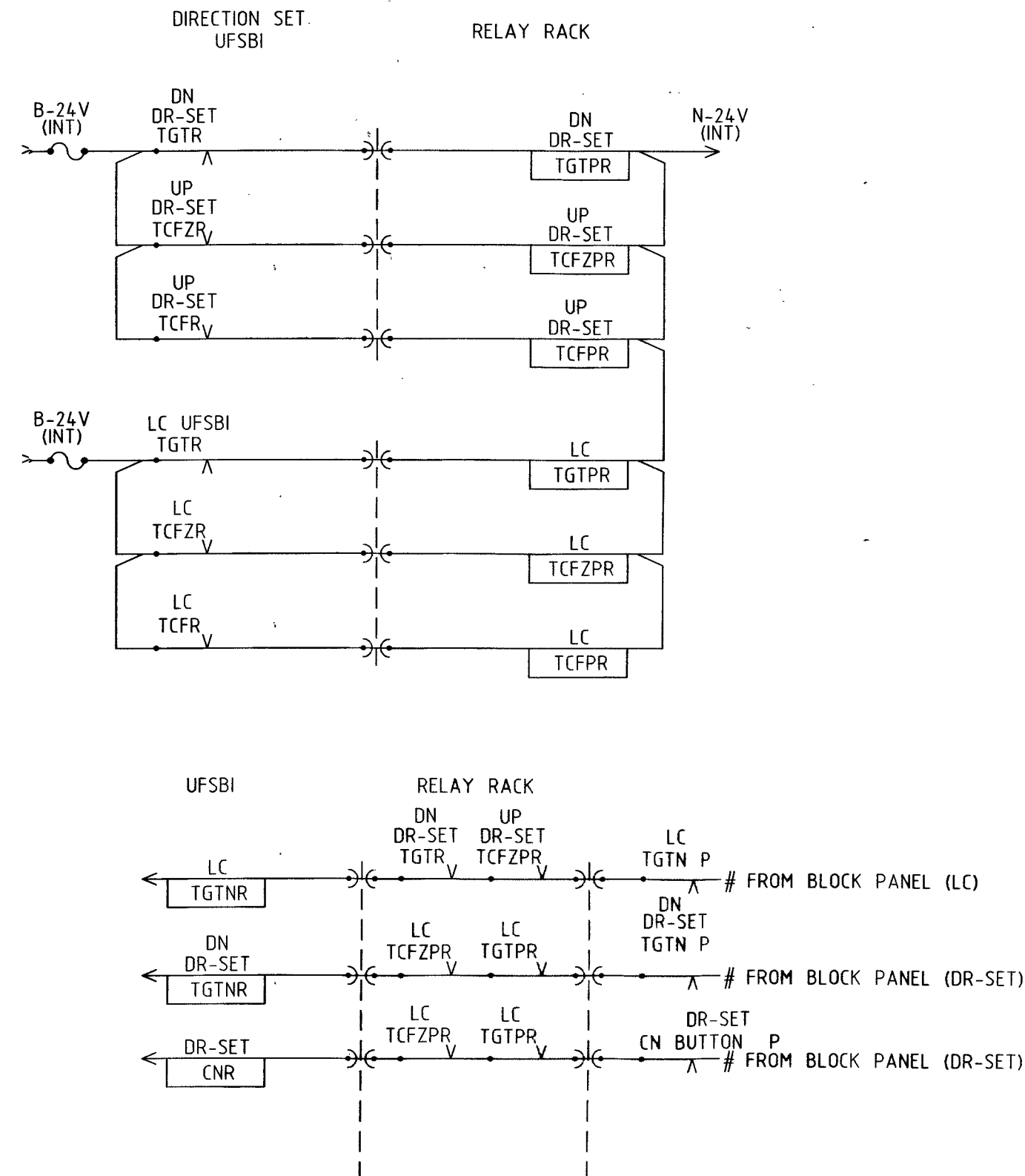
पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D					A P P R O V E D			16LR,16ZR,2SR,16DR 16ECPR CIRCUITS	TYPICAL CIRCUIT FOR IBS(S/L) KANASAR NAWADA	DRAWING No.
												ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP	PCSTE/E.C.R./HJP			SH:-1/12

KSNA



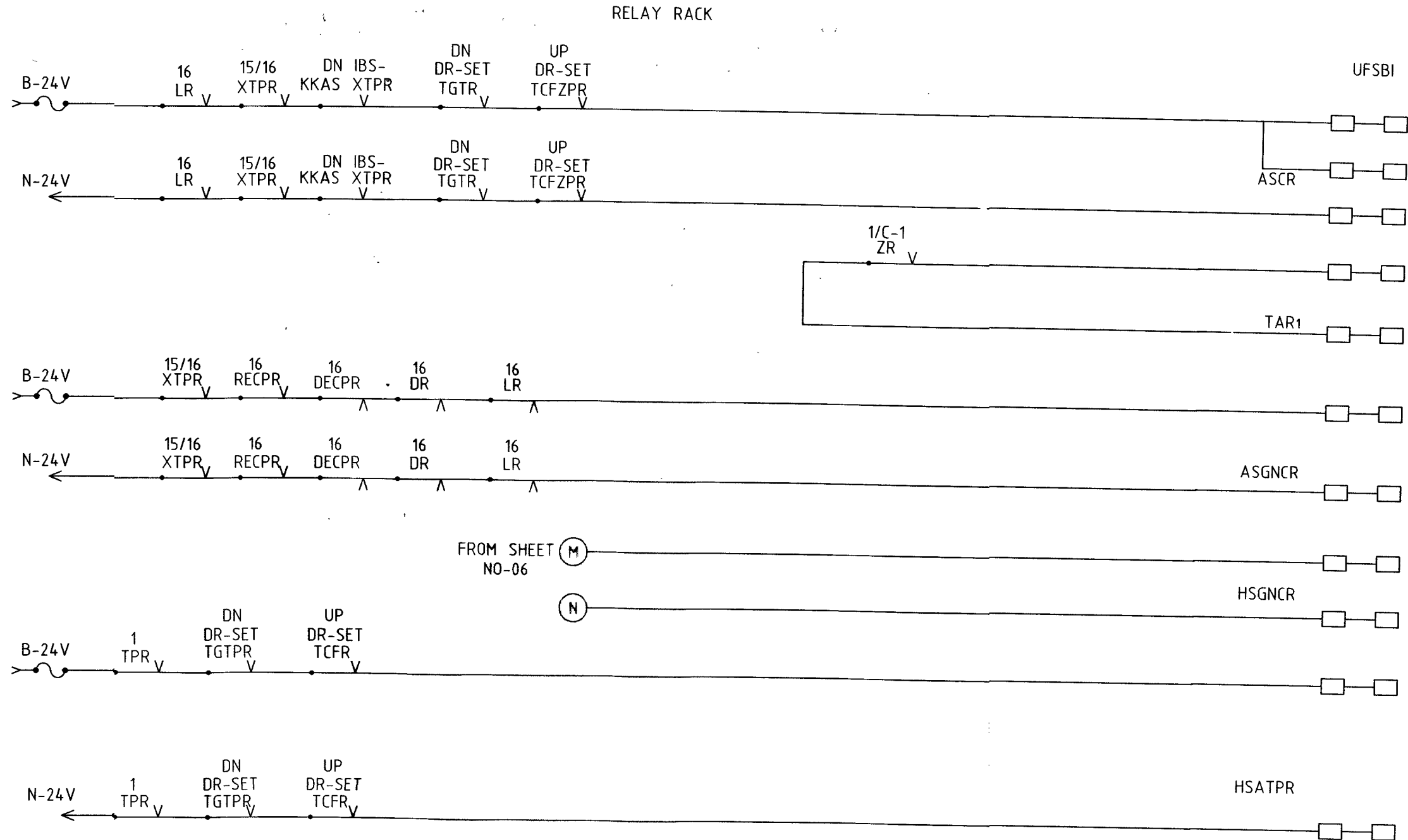
पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D				A P P R O V E D		2NSR, DN IBS ON CIRCUITS	TYPICAL CIRCUIT FOR IBS(S/L) KANASAR NAWADA	DRAWING No.
										ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.			SH:-2/12

KSNA



पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D					A P P R O V E D		UFSBI REPEATER CIRCUITS KKAS SIDE	TYPICAL CIRCUIT FOR IBS(S/L) KANASAR NAWADA	DRAWING No.
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP			ECR/WD/TYPICAL/ IBS(S/L)/2024 SH:-3/12

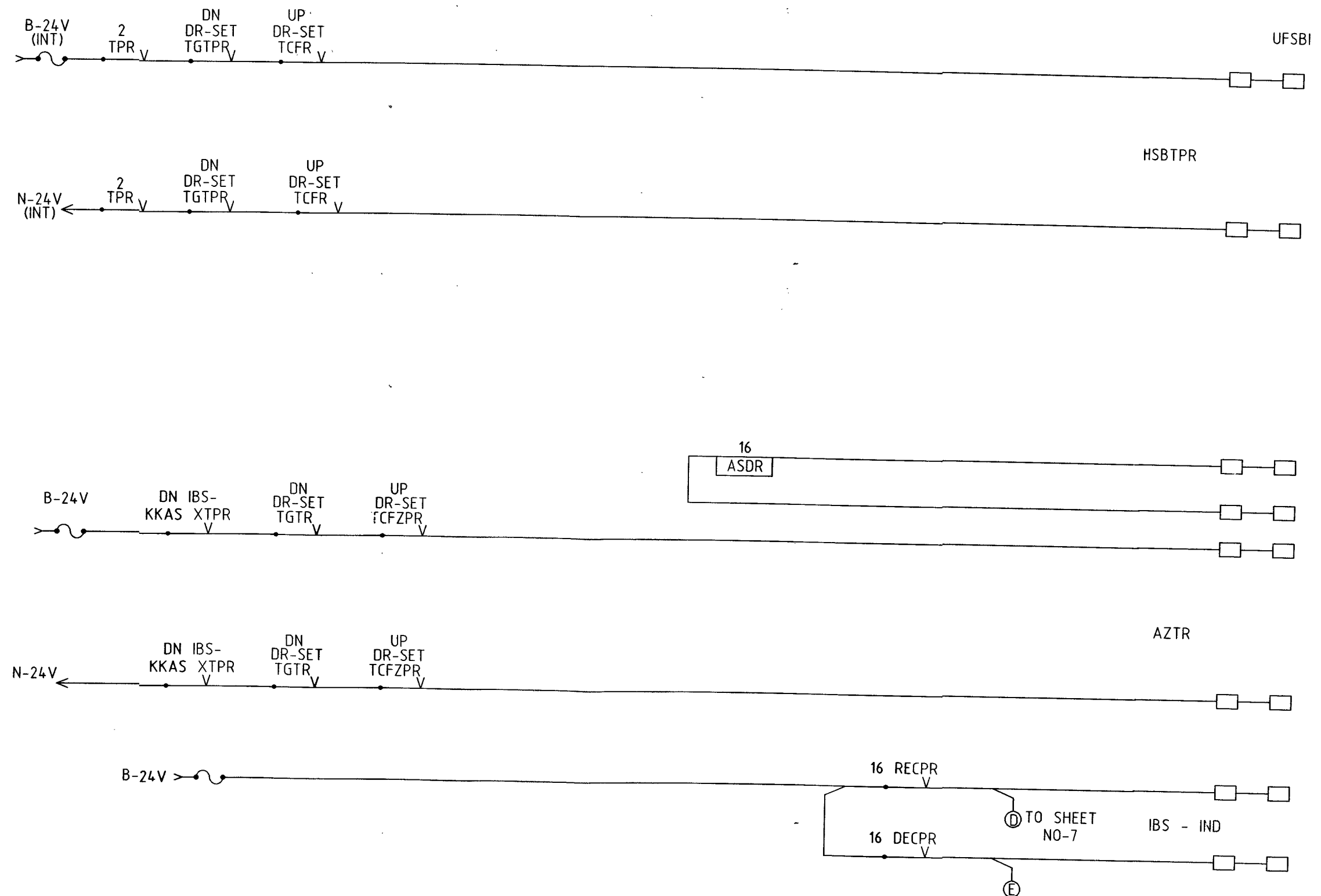
LINE CLEAR UFSBI CIRCUIT (KKAS SIDE)



पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D					A P P R O V E D		LINE CLEAR UFSBI CIRCUITS (KKAS SIDE)	TYPICAL CIRCUIT FOR IBS(S/L) KANASAR NAWADA	DRAWING No.
											ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP			SH:-4/12

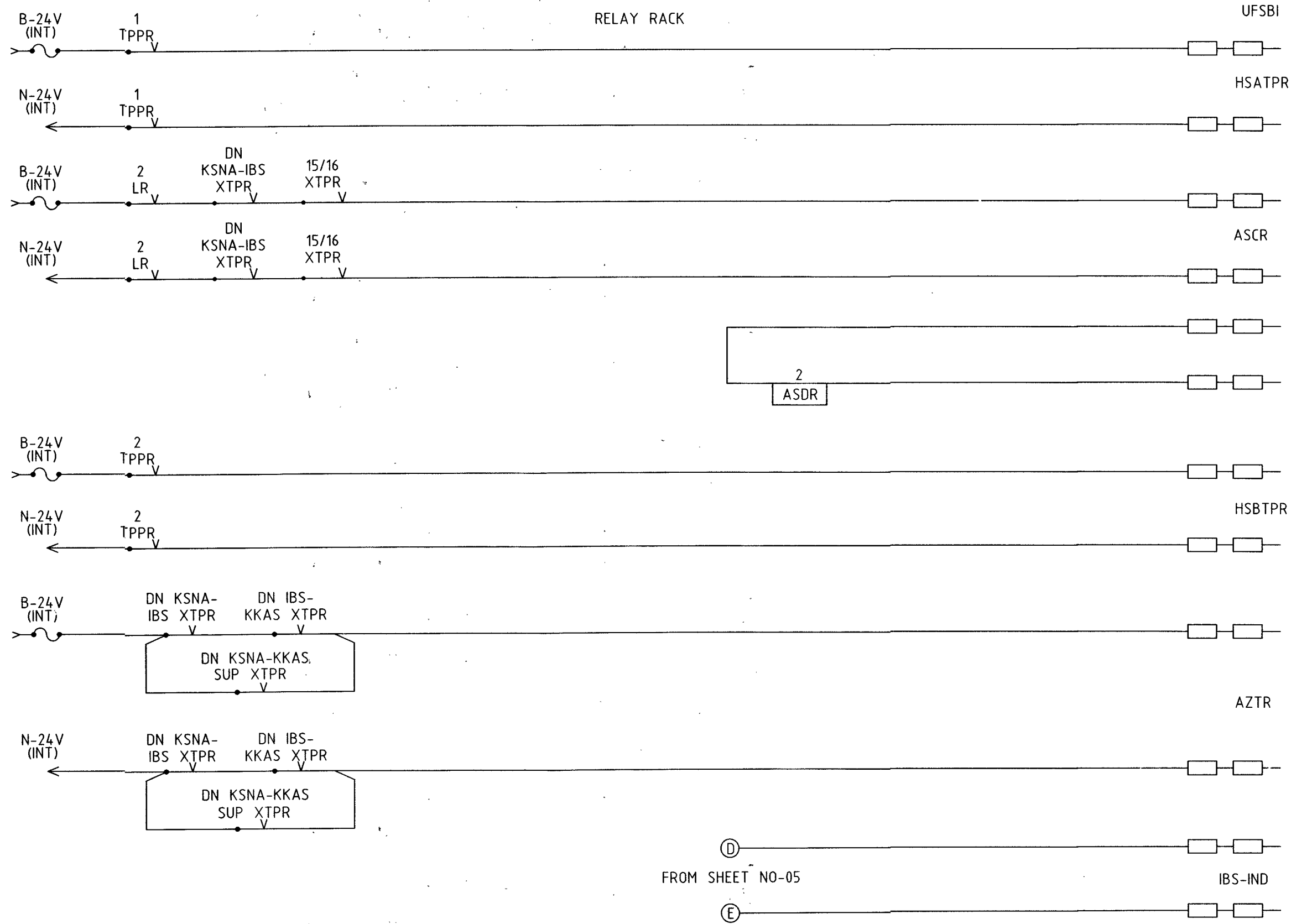
LINE CLEAR UFSBI CIRCUIT (KKAS SIDE)

RELAY RACK



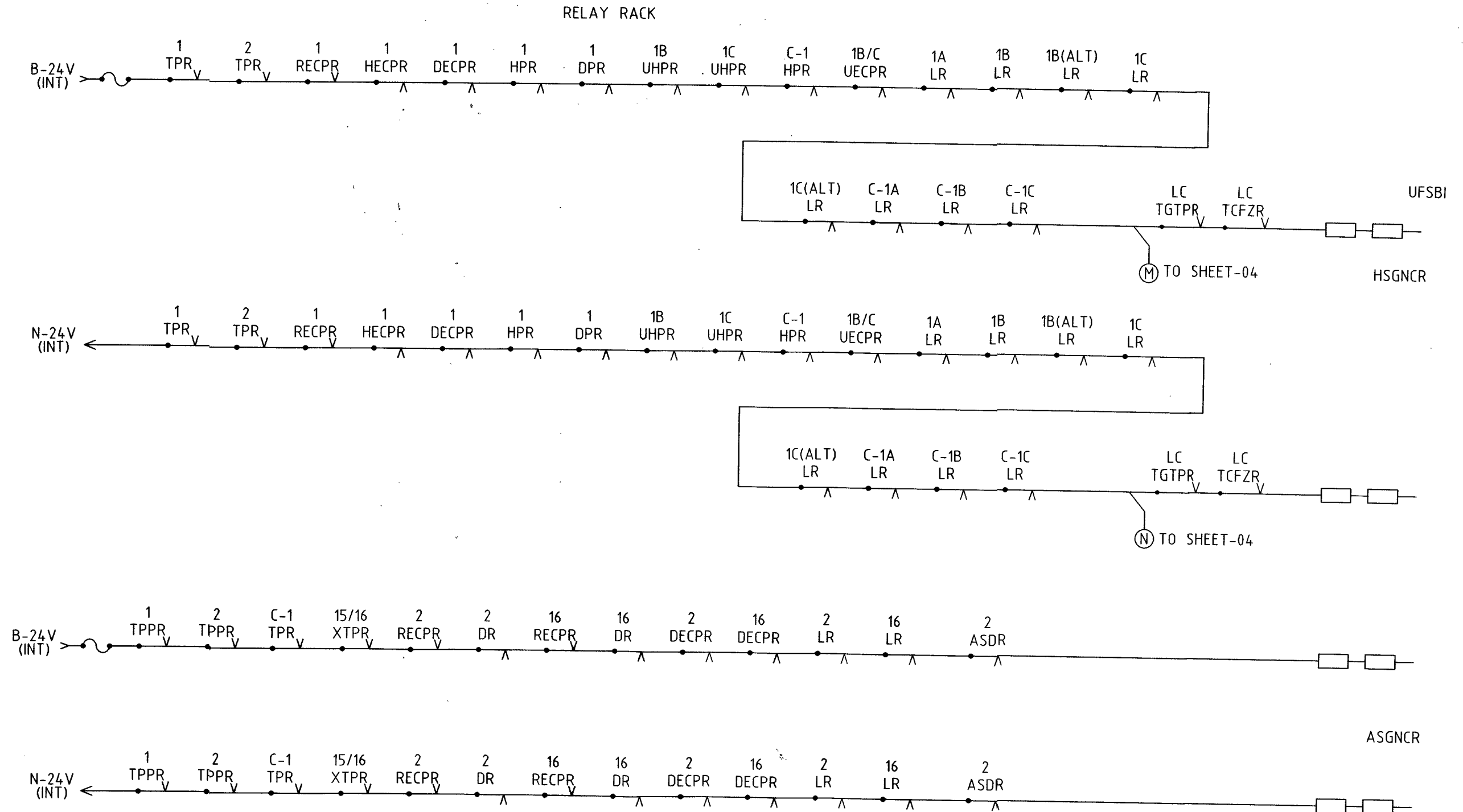
पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	CHECKED					APPROVED		LINE CLEAR UFSBI CIRCUITS (KKAS SIDE)	TYPICAL CIRCUIT FOR IBS(S/L) KANASAR NAWADA	DRAWING No.
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP			ECR/WD/TYPICAL/ IBS(S/L)/2024 SH:-5/12

DIRECTION SETTING UFSBI CIRCUIT (KKAS SIDE)



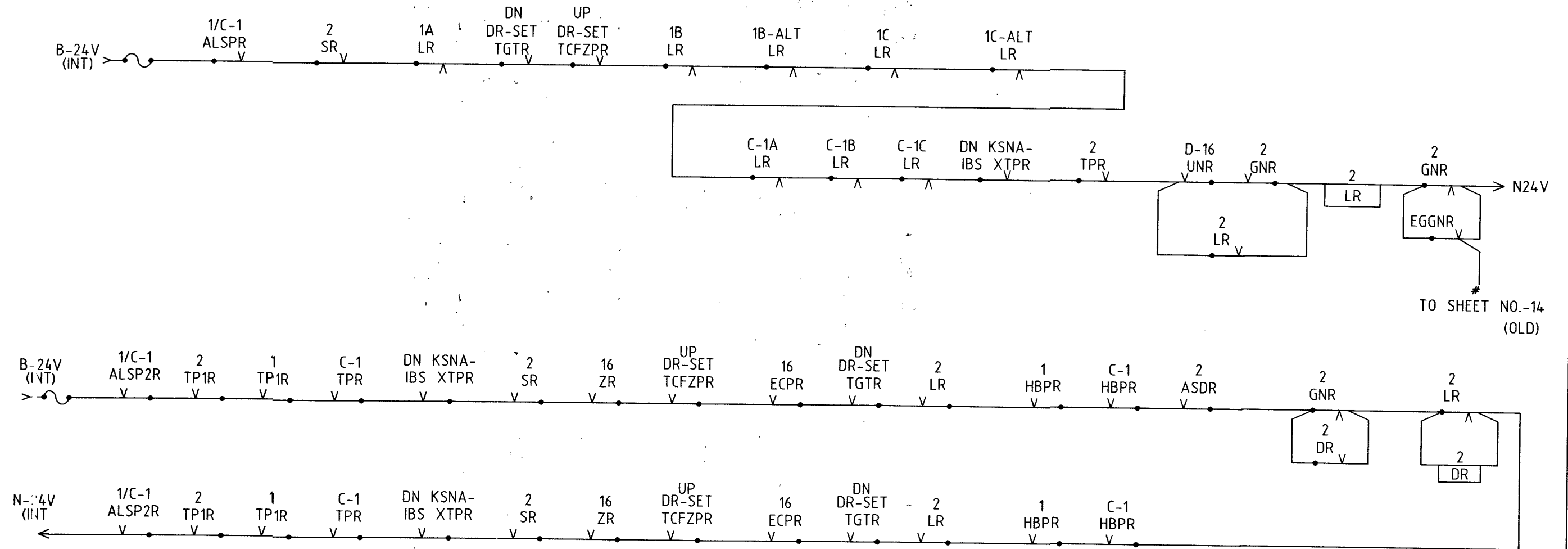
पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D					A P P R O V E D		DIRECTION SETTING UFSBI CIRCUIT (KKAS SIDE)	TYPICAL CIRCUIT FOR IBS(S/L) KANASAR NAWADA	DRAWING No.
											ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP			SH:-7/12

DIRECTION SETTING UFSBI CIRCUIT (KKAS SIDE)

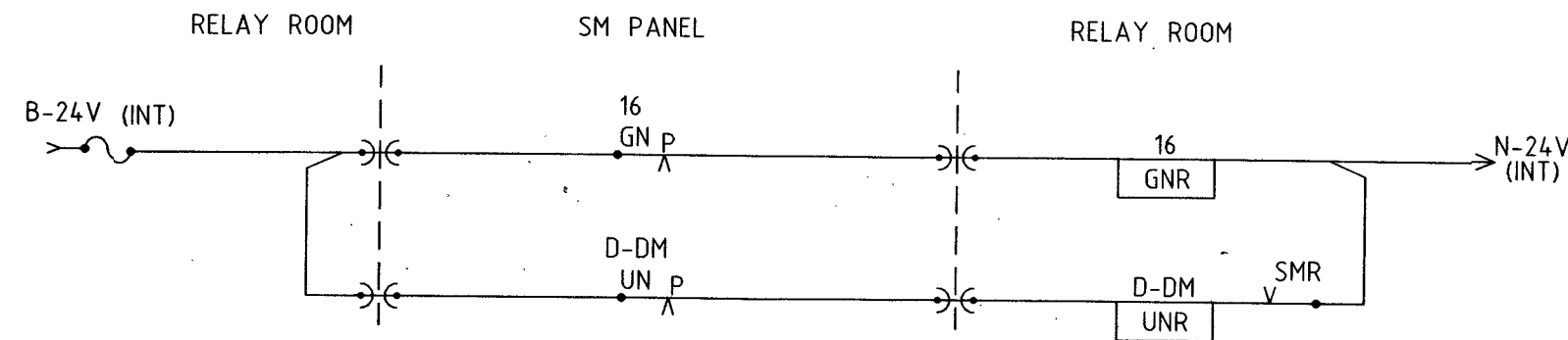


पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D					A P P R O V E D		DIRECTION SETTING UFSBI CIRCUIT (KKAS SIDE)	TYPICAL CIRCUIT FOR IBS(S/L) KANASAR NAWADA	DRAWING No.
											ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP			SH:-6/12

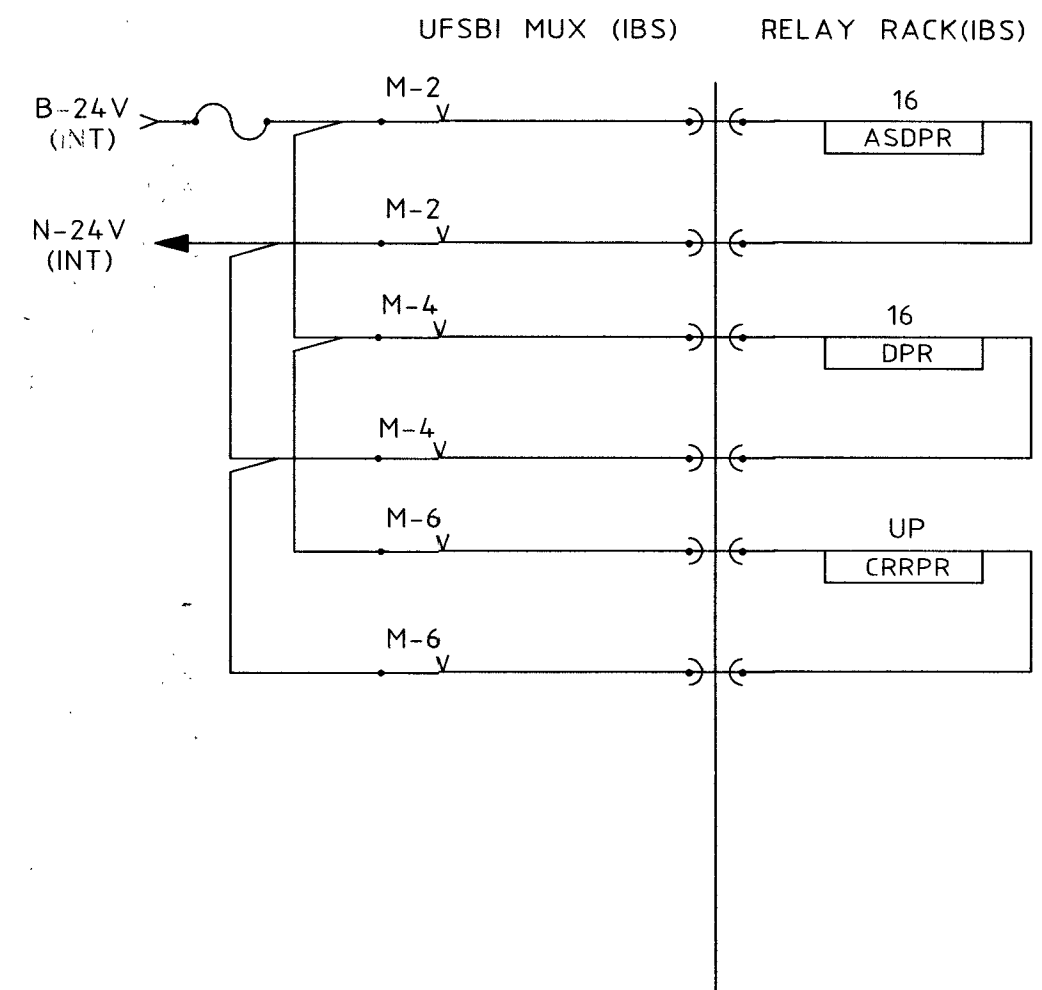
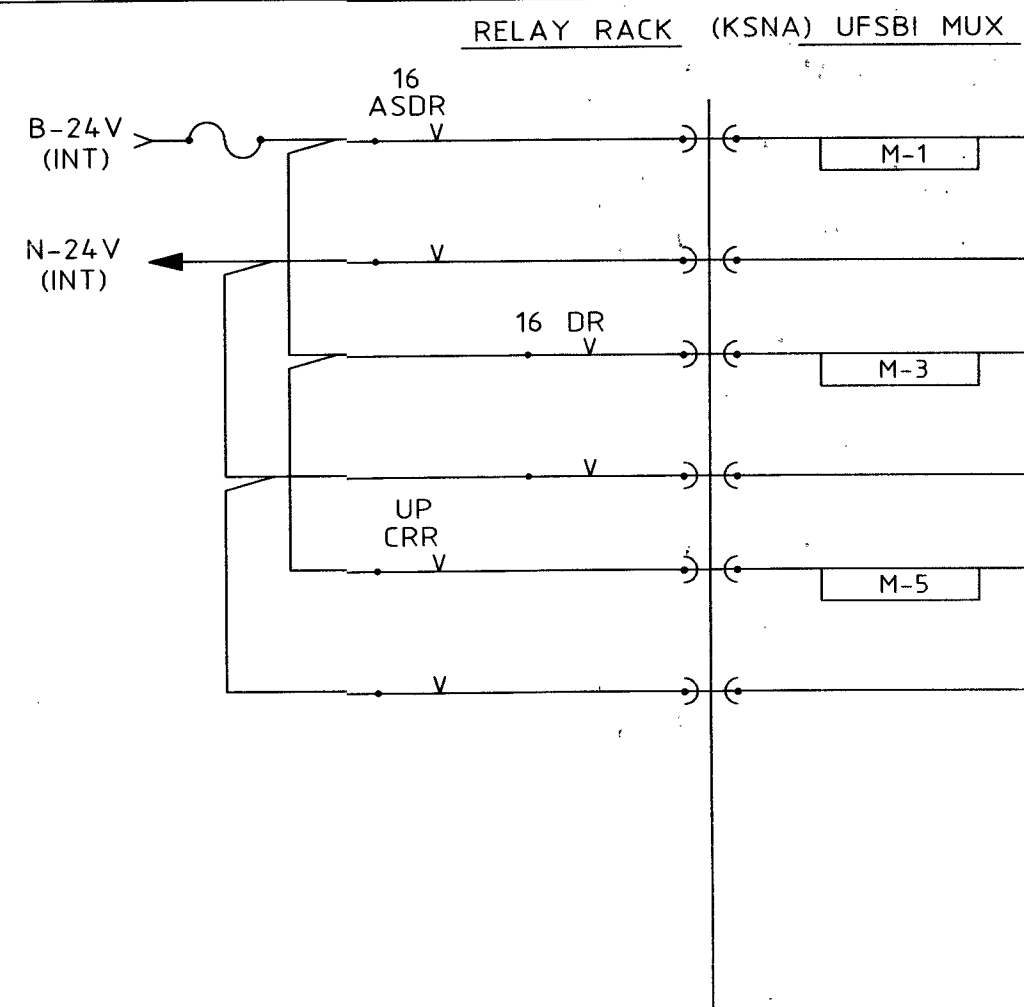
KSNA



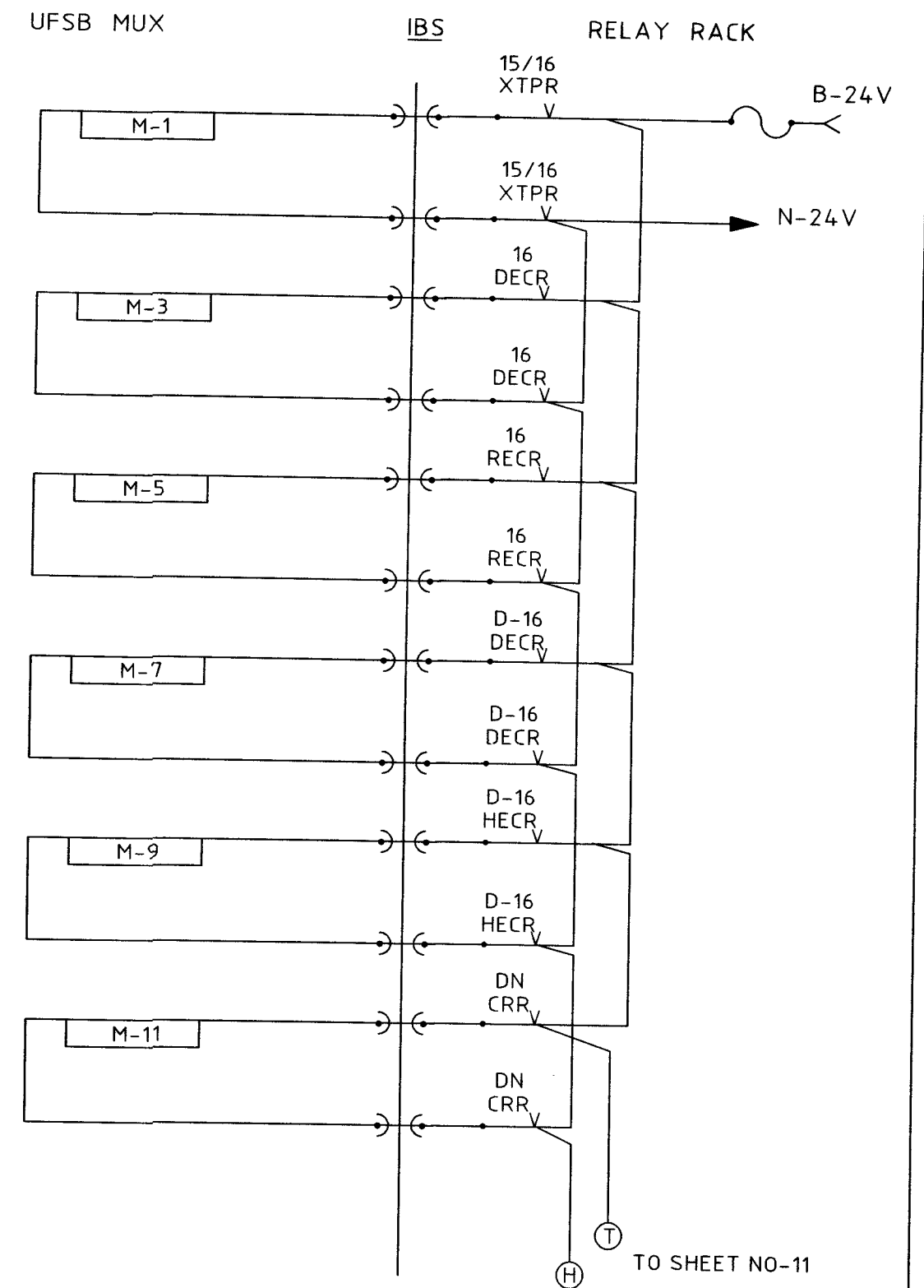
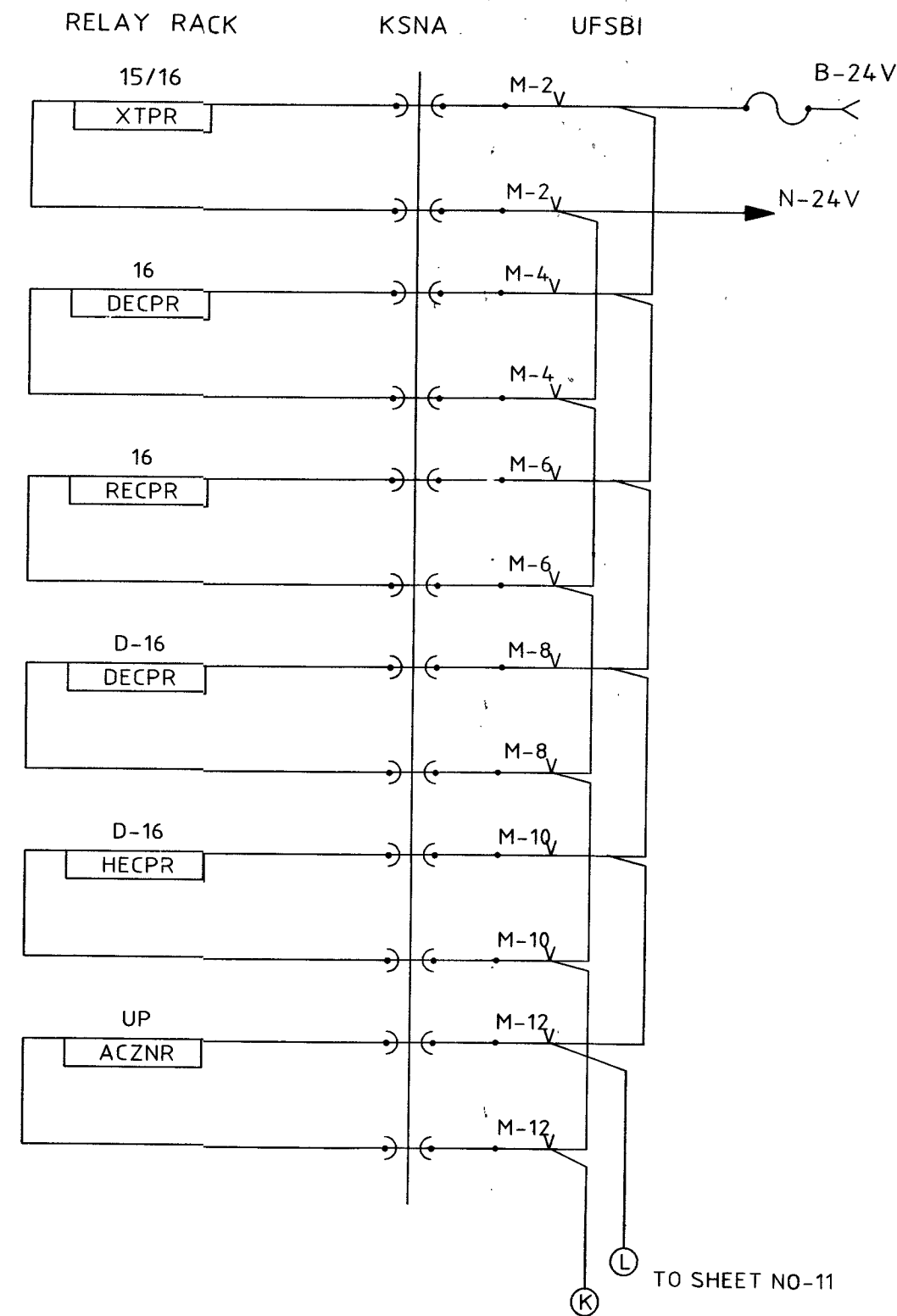
TO SHEET NO.-14
(OLD)



पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.		CHECKED				APPROVED		2LR,2DR,16GNR CIRCUITS	TYPICAL CIRCUIT FOR IBS(S/L) KANASAR NAWADA	DRAWING No.
											ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP			SH:-8/12



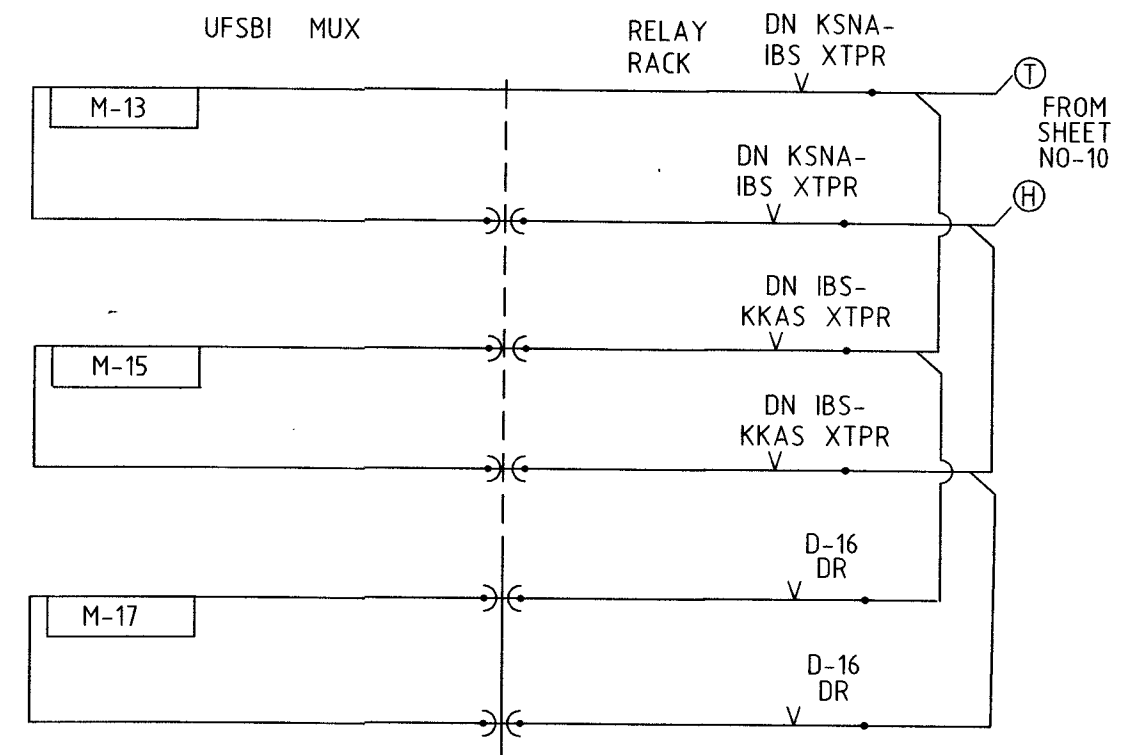
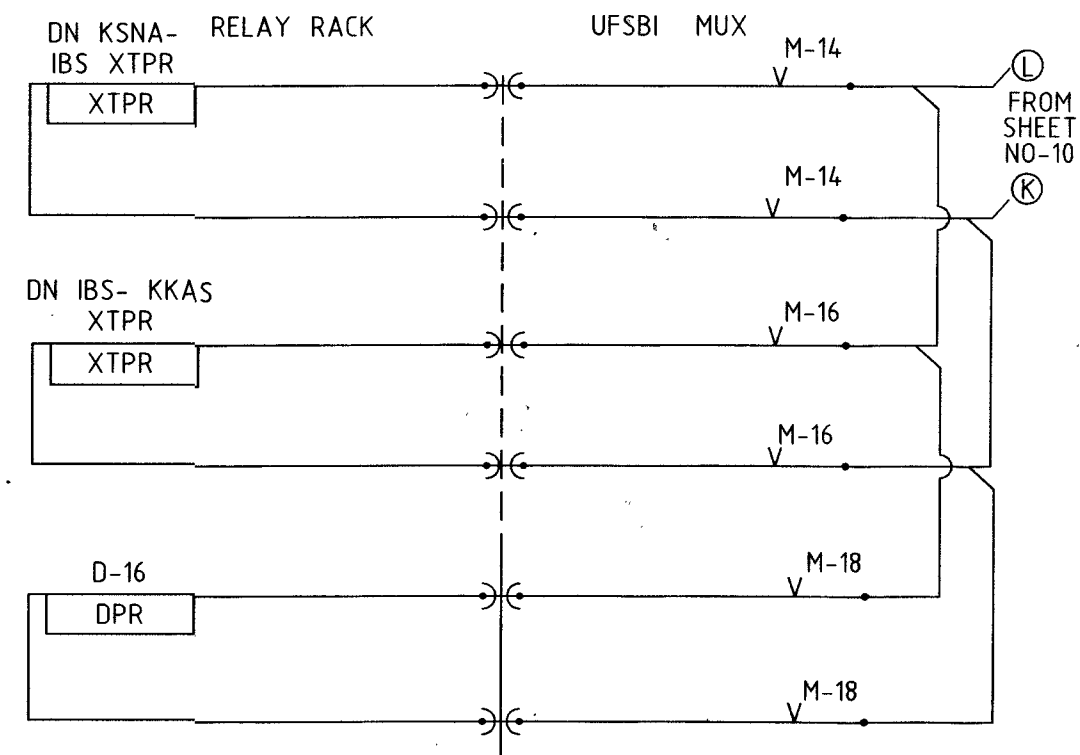
पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D					A P P R O V E D		UFSBI MUX CIRCUITS WITH IBS-KK	TYPICAL CIRCUIT FOR IBS(S/L) KANASAR NAWADA	DRAWING No.
		SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP		ECR/WD/TYPICAL/ IBS(S/L)/2024 SH:-9/12



पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D				A P P R O V E D		UFSBI MUX CIRCUITS	TYPICAL CIRCUIT FOR IBS(S/L) KANASAR NAWADA	DRAWING No.
										ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.			SH:-10/12

KSNA

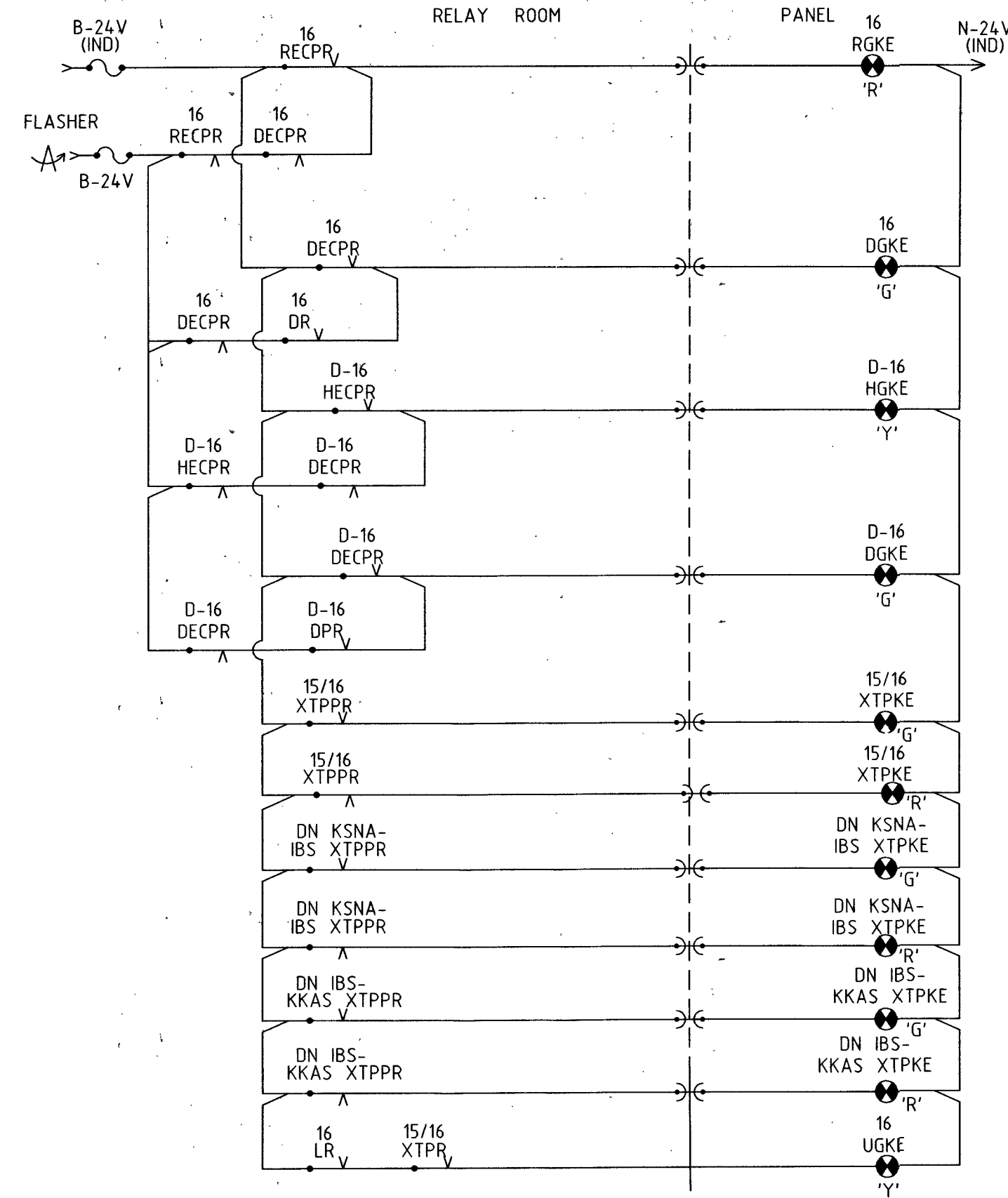
IBS



पूर्व मध्य रेल
हाजीपुर
E.C. RAILWAY
HAJIPUR

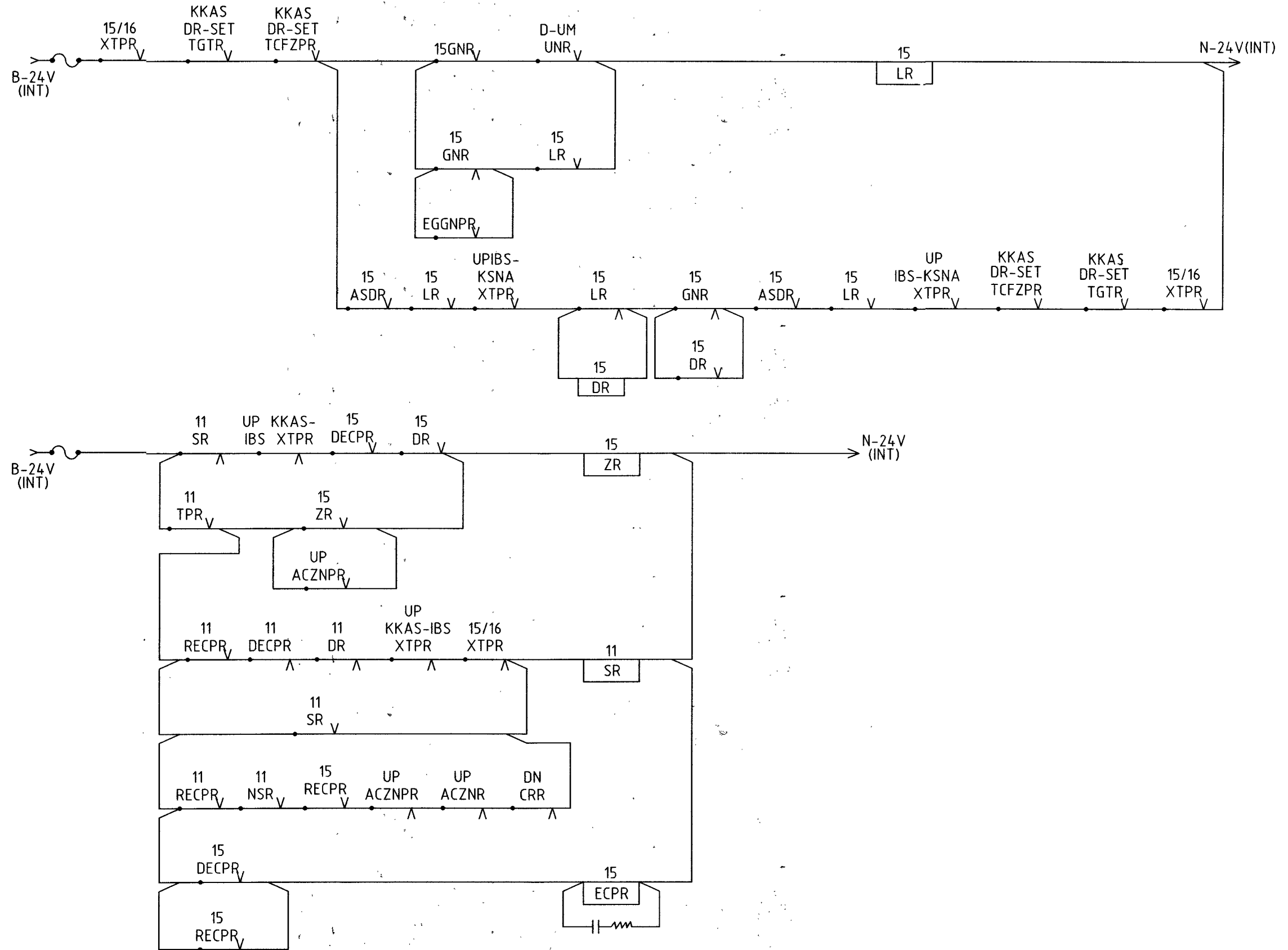
DRAWN.	CHECKED					APPROVED		RELAY UFSBI CIRCUITS WITH IBS-KK	TYPICAL CIRCUIT FOR IBS(S/L) KANASAR NAWADA	DRAWING No.
										ECR/WD/TYPICAL/ IBS(S/L)/2024 SH:-11/12
SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP			

KSNA



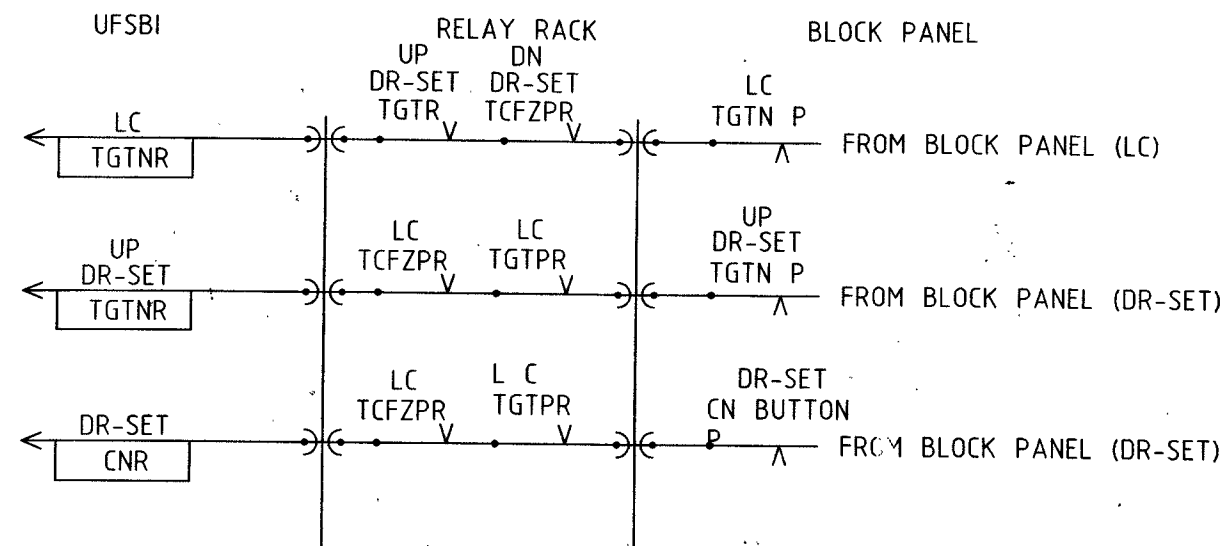
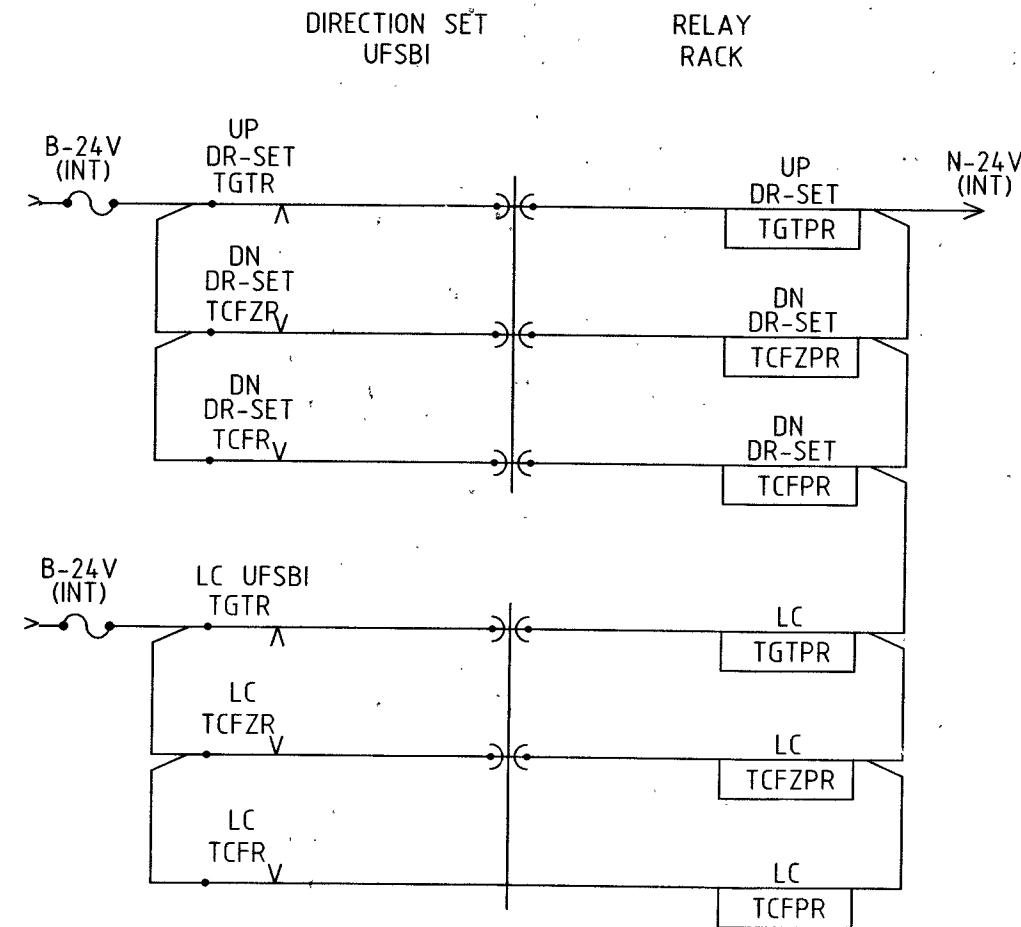
पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D					A P P R O V E D		RELAY RACK CIRCUITS PANEL IND.	TYPICAL CIRCUIT FOR IBS(S/L) KANASAR NAWADA	DRAWING No.
											ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASSE/PLG	ASSE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP			SH:-12/12

KKAS



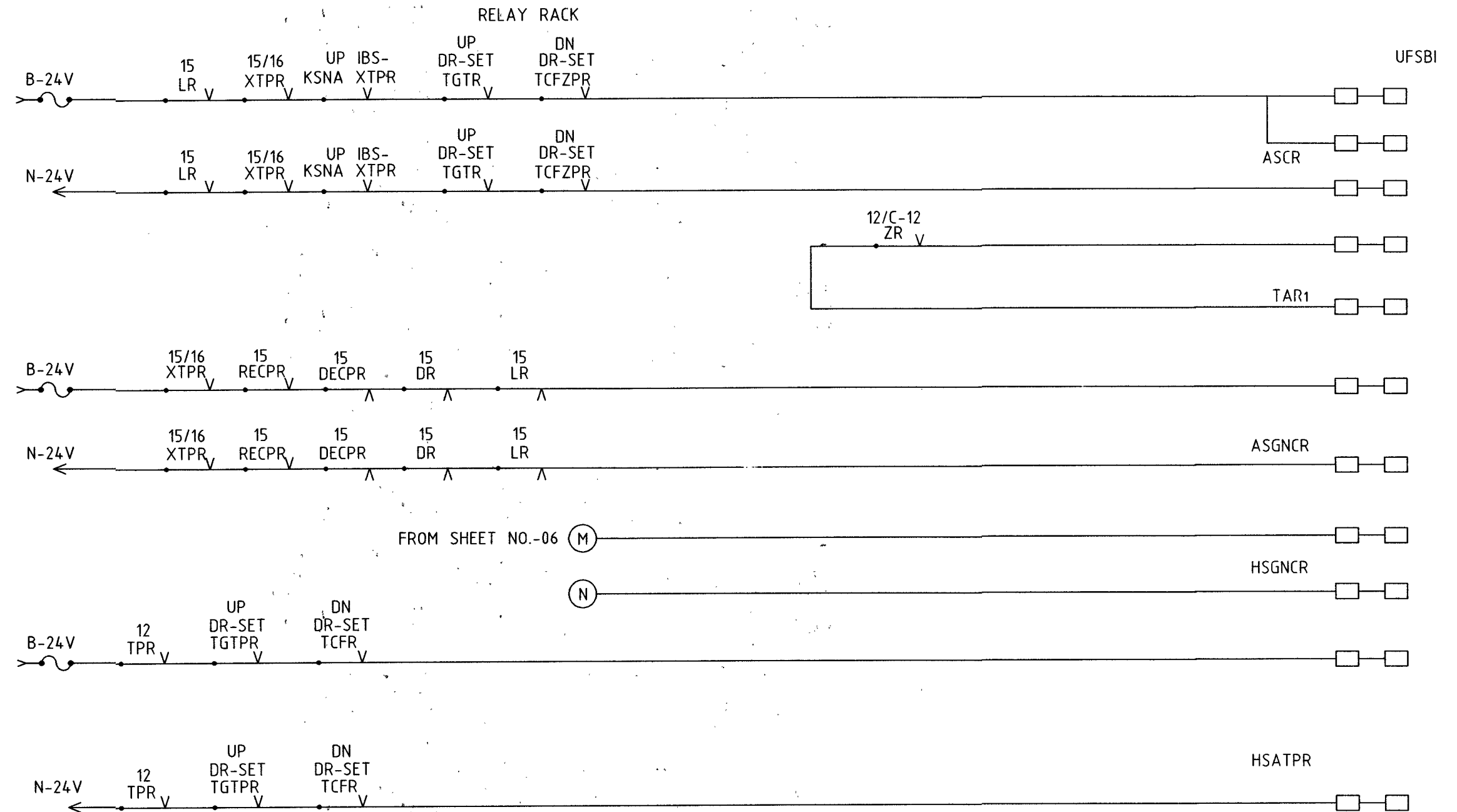
पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D					A P P R O V E D		15LR, 15ZR, 15DR 11SR, 15ECPR CIRCUITS	TYPICAL CIRCUIT FOR IBS(S/L) KATKAMASANDI	DRAWING No.
											ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP			SH:-1/12

KKAS



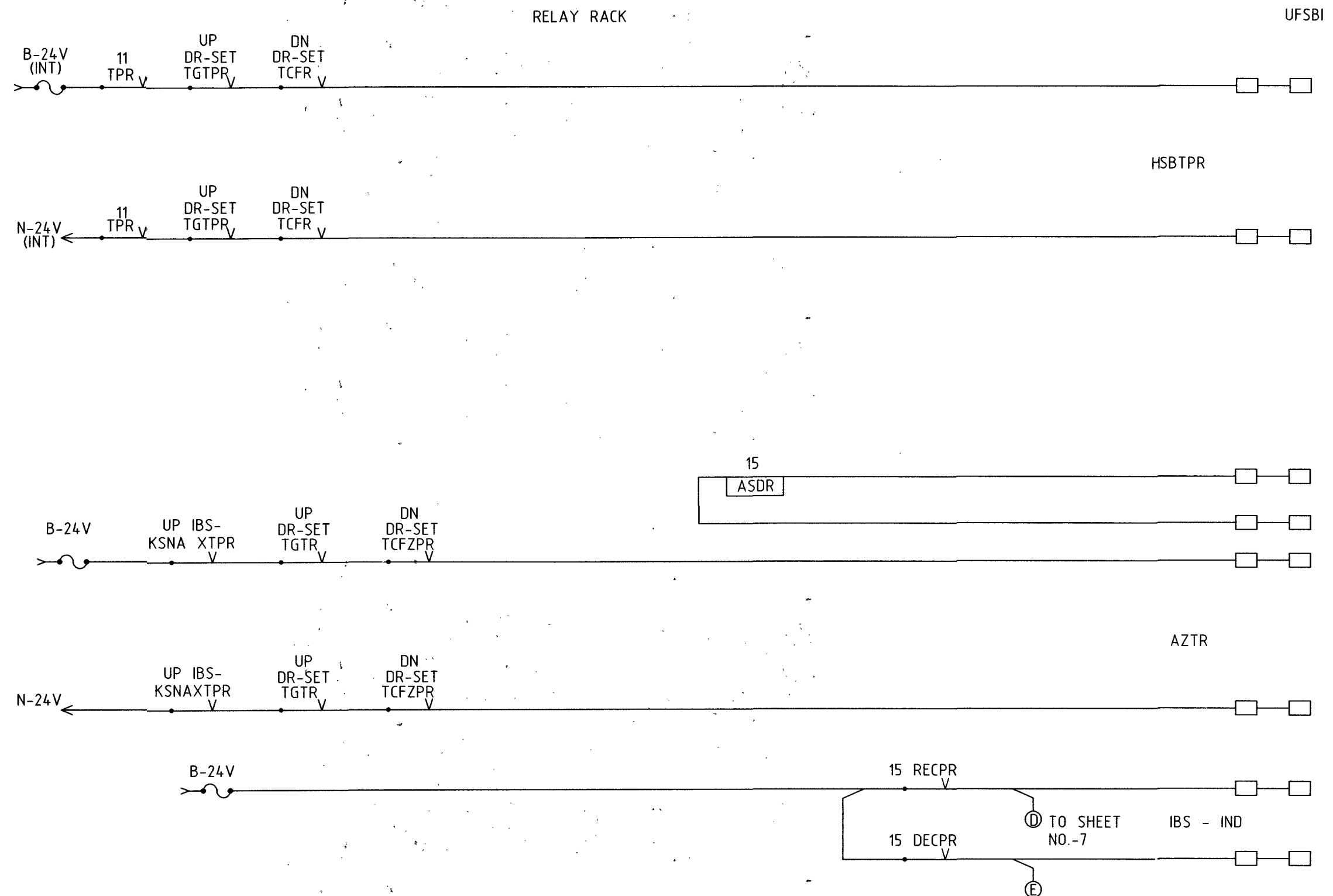
पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.		CHECKED				APPROVED		UFSBI REPEATER TGTNRS CIRCUITS	TYPICAL CIRCUIT FOR IBS(S/L) KATKAMASANDI	DRAWING No.
											ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP			SH:-3/12

LINE CLEAR UFSBI CIRCUIT (KSNA SIDE)



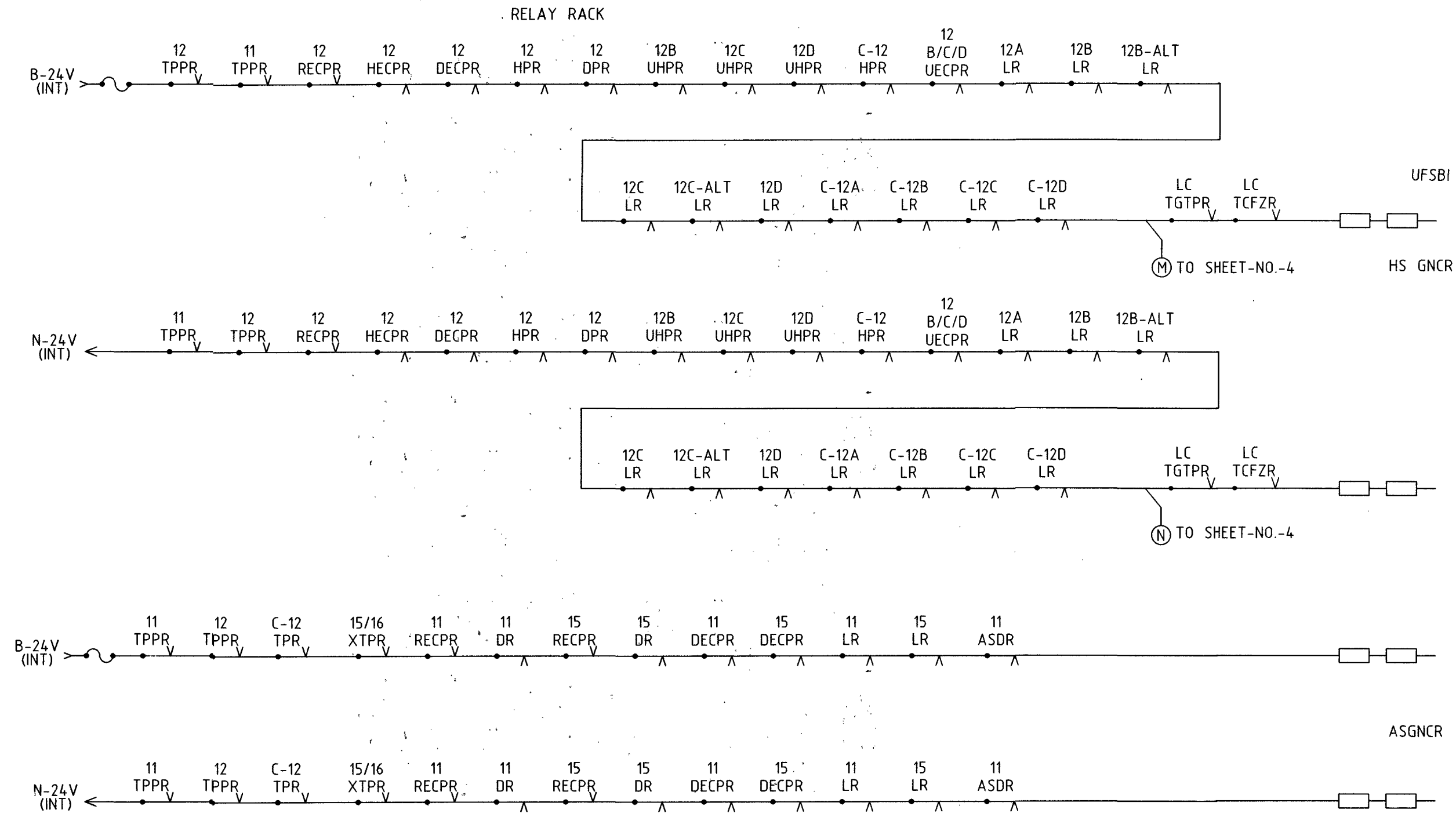
पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D					A P P R O V E D			UFSBI (LC) CIRCUITS	TYPICAL CIRCUIT FOR IBS(S/L) KATKAMASANDI	DRAWING No.
												ECR/WD/TYPICAL/ IBS(S/L)/2024 SH:-4/12
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP				

LINE CLEAR UFSBI CIRCUIT (KSNA SIDE)



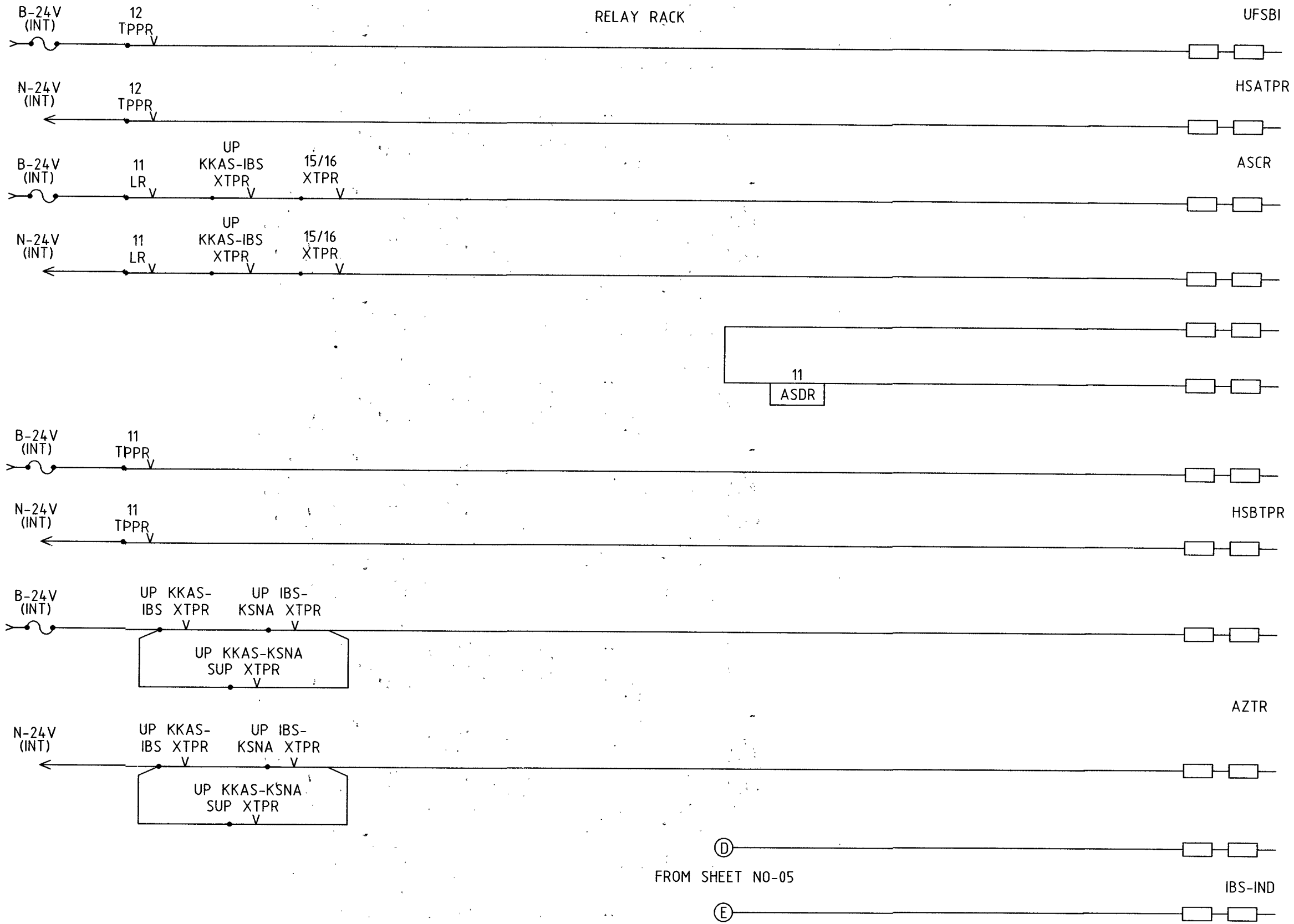
पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D					A P P R O V E D		UFSBI (LC) CIRCUITS	TYPICAL CIRCUIT FOR IBS(S/L) KATKAMASANDI	DRAWING No.
											ECR/WD/TYPICAL/ IBS(S/L)/2024 SH:-5/12

DIRECTION SETTING UFSBI CIRCUIT (KSNA SIDE)



पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D					A P P R O V E D		UFSBI (DR-SET) CIRCUITS	TYPICAL CIRCUIT FOR IBS(S/L) KATKAMASANDI	DRAWING No.
											ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP			SH:-6/12

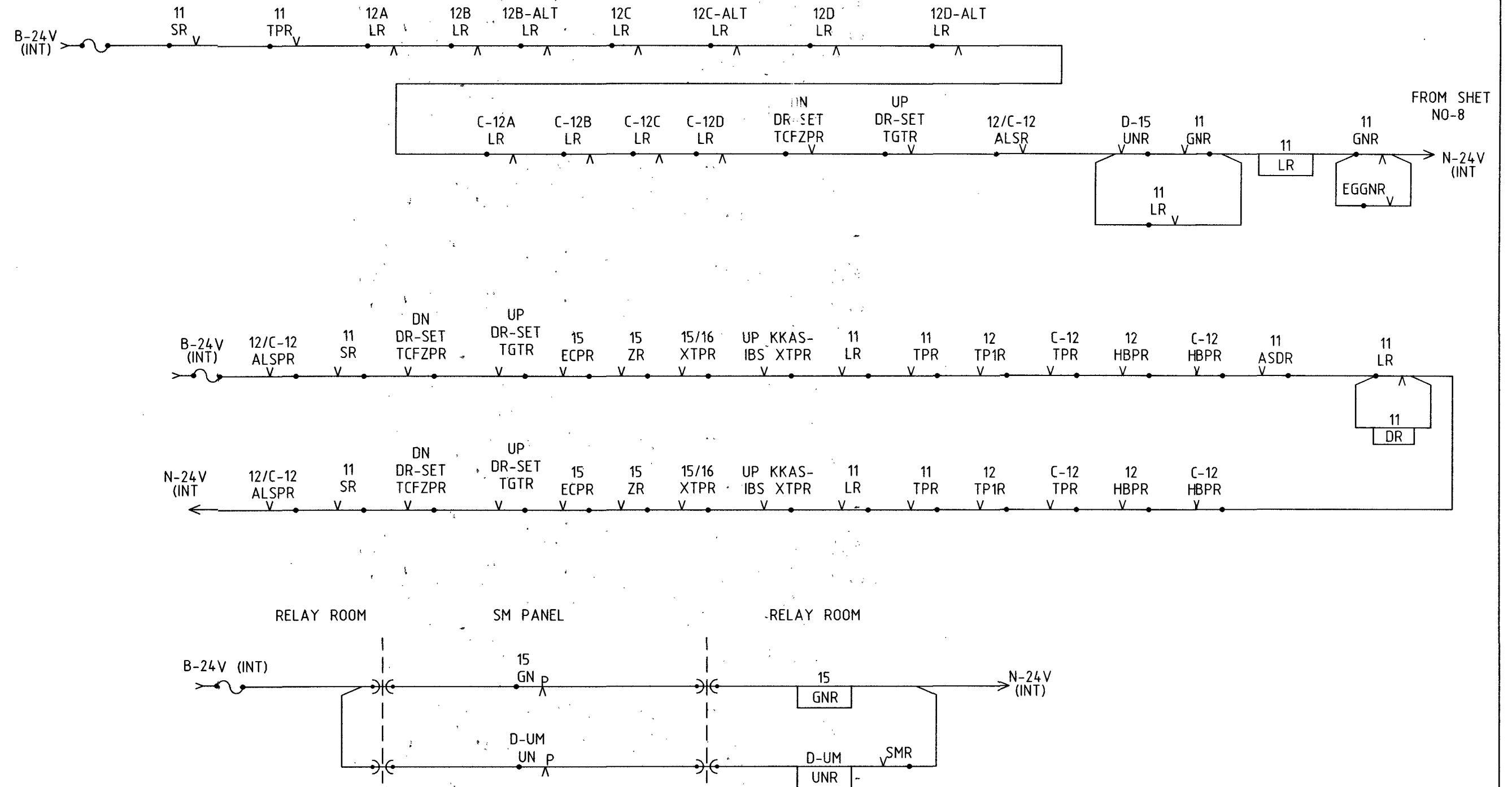
DIRECTION SETTING UFSBI CIRCUIT (KSNA SIDE)



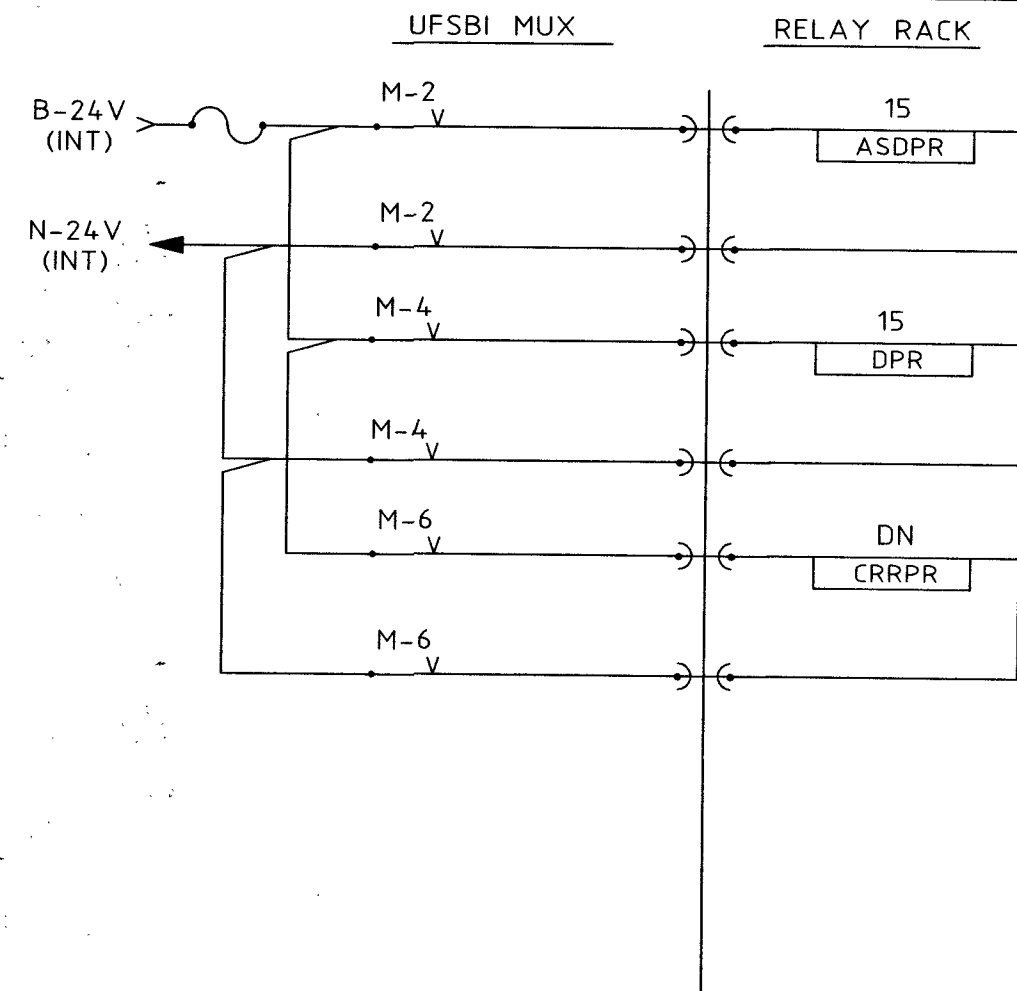
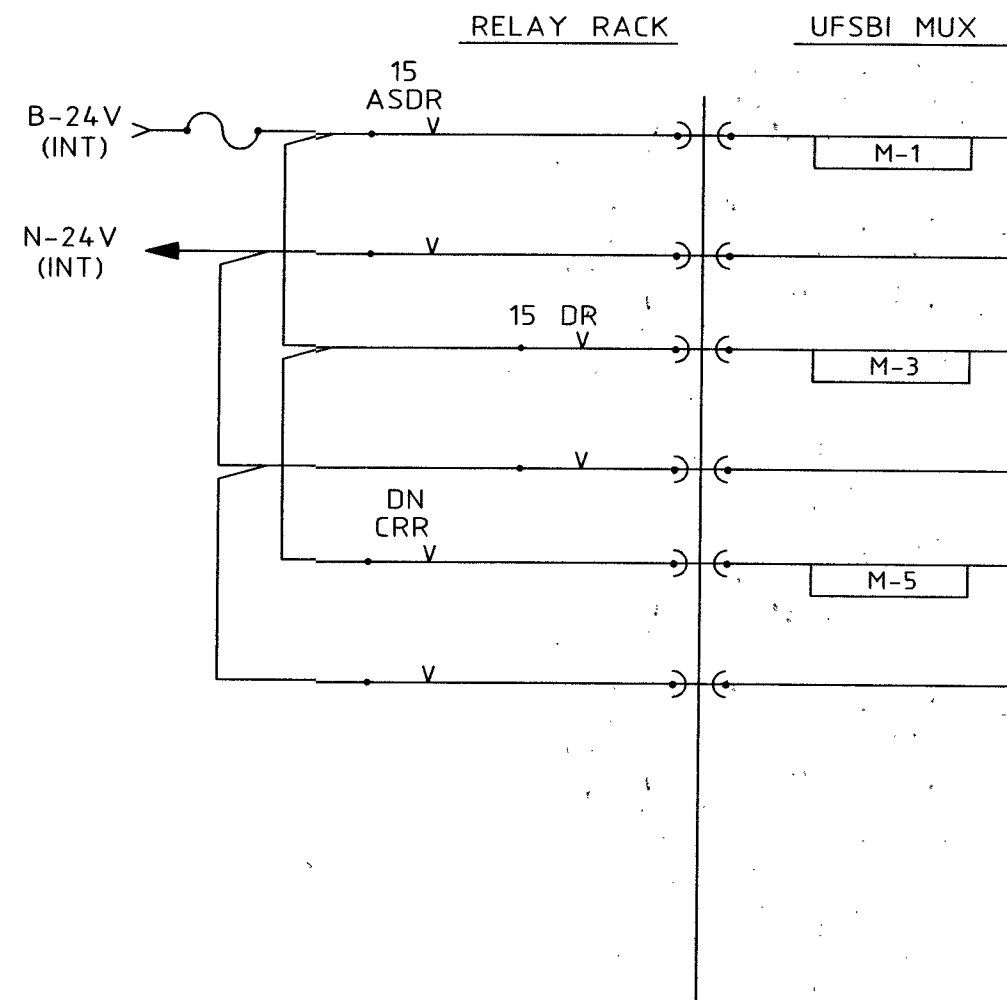
FROM SHEET NO-05

पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D					A P P R O V E D		UFSBI (DR-SET) CIRCUITS	TYPICAL CIRCUIT FOR IBS(S/L) KATKAMASANDI	DRAWING No.
											ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/E & D/E.C.R.	PCSTE/E.C.R./HJP			SH:-7/12

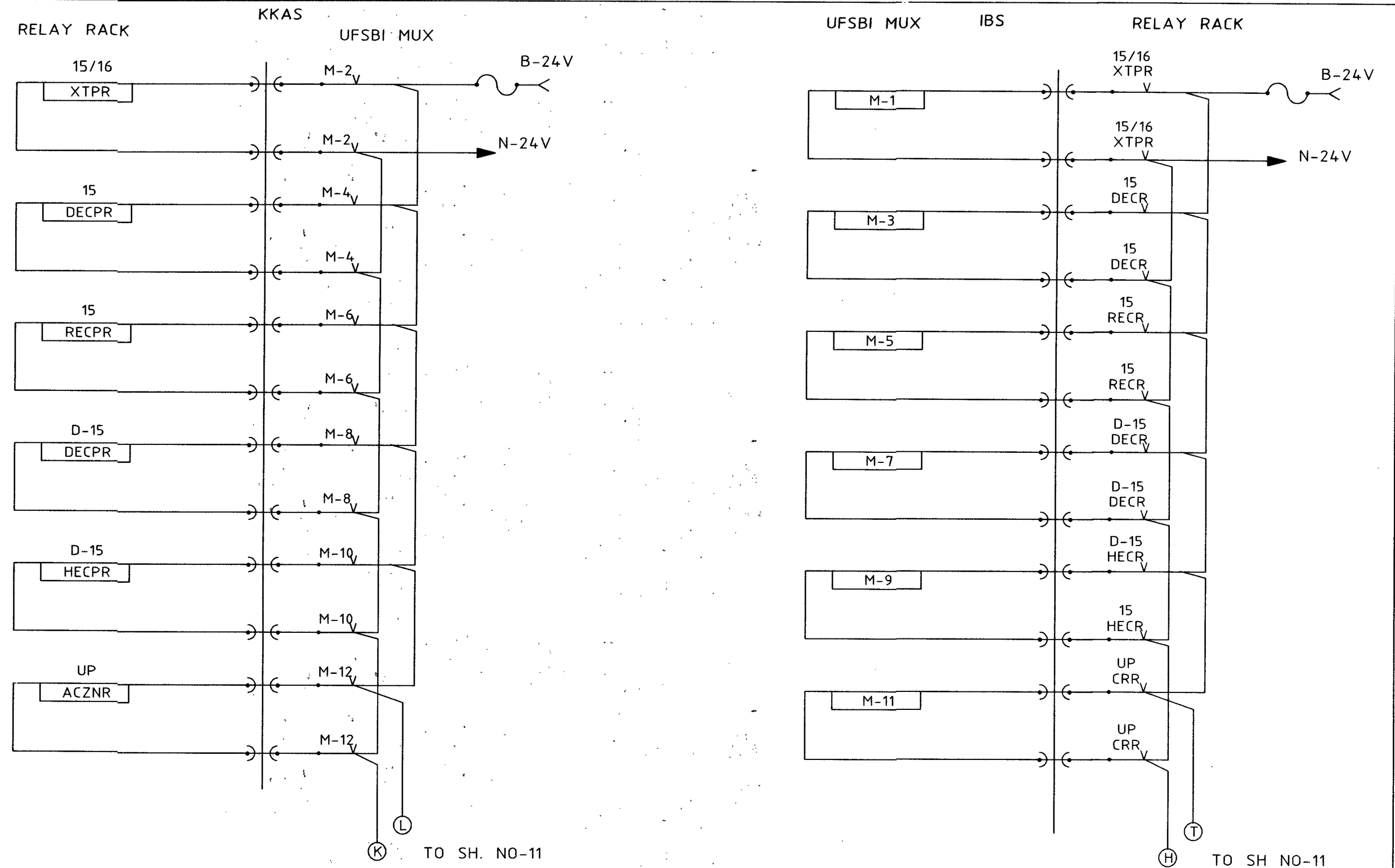
KKAS



पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	CHECKED					APPROVED		11LR, 11L 15GNR D-UM UNR CIRCUITS	TYPICAL CIRCUIT FOR (S/L) KATKAMASANDI	DRAWING No.
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP			ECR/WD/TYPICAL/ IBS(S/L)/2024 SH:-8/12

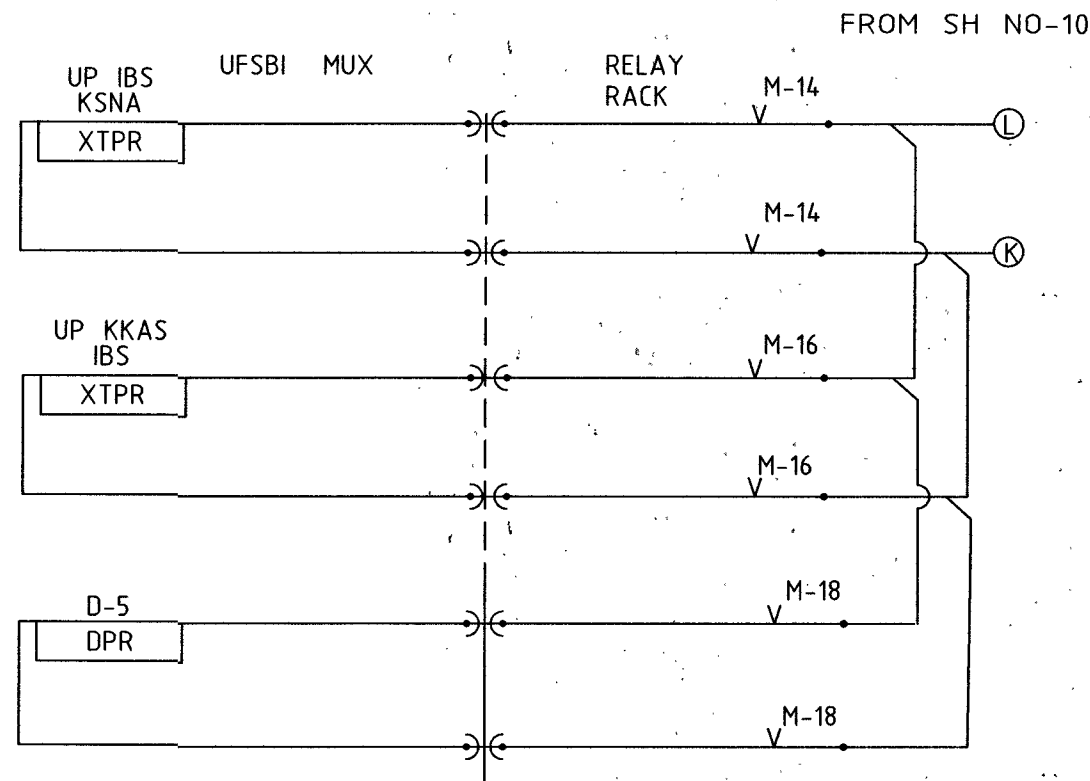


पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.		C H E C K E D				A P P R O V E D		UFSBI MUX CIRCUITS WITH KKAS	TYPICAL CIRCUIT FOR IBS(S/L) KATKAMASANDI	DRAWING No.
											ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP			SH:-9/12

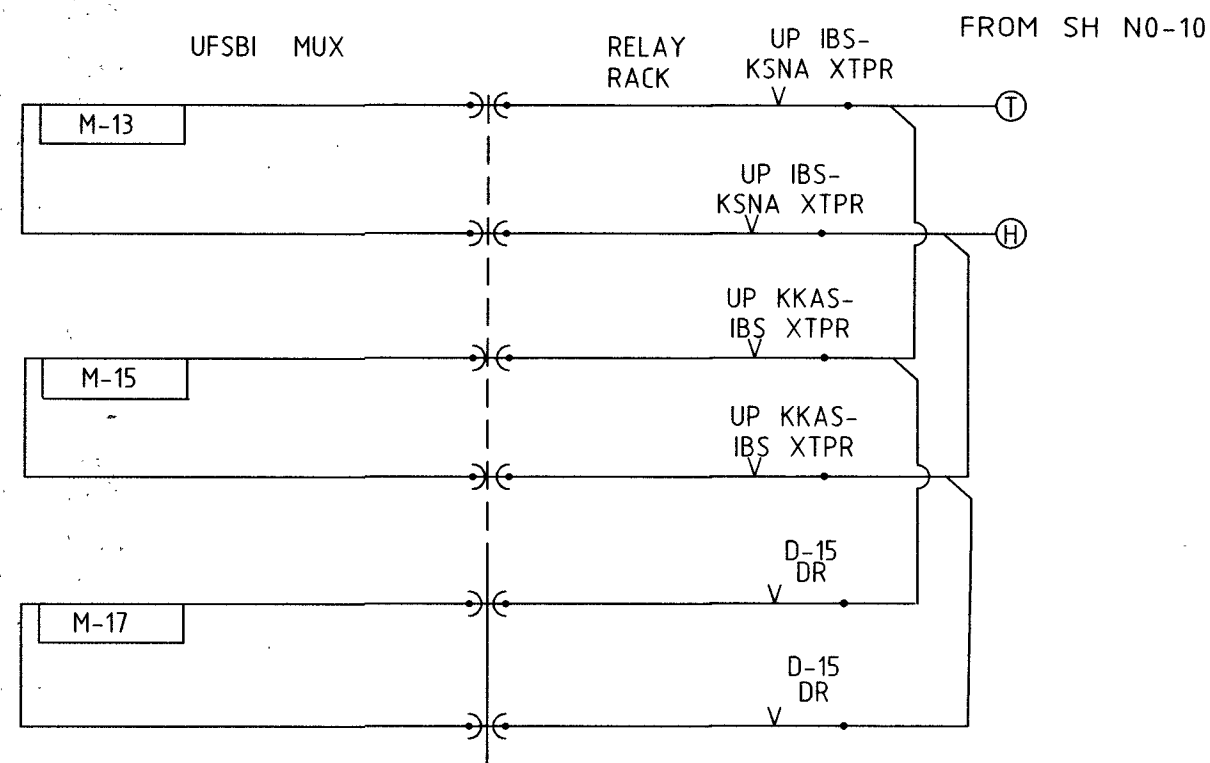


पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.		CHECKED				APPROVED		UFSBI MUX CIRCUITS (KSNA SIDE)	TYPICAL CIRCUIT FOR IBS(S/L) KATKAMASANDI	DRAWING No. ECR/WD/TYPICAL/ IBS(S/L)/2024 SH:-10/12
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP			

KKAS

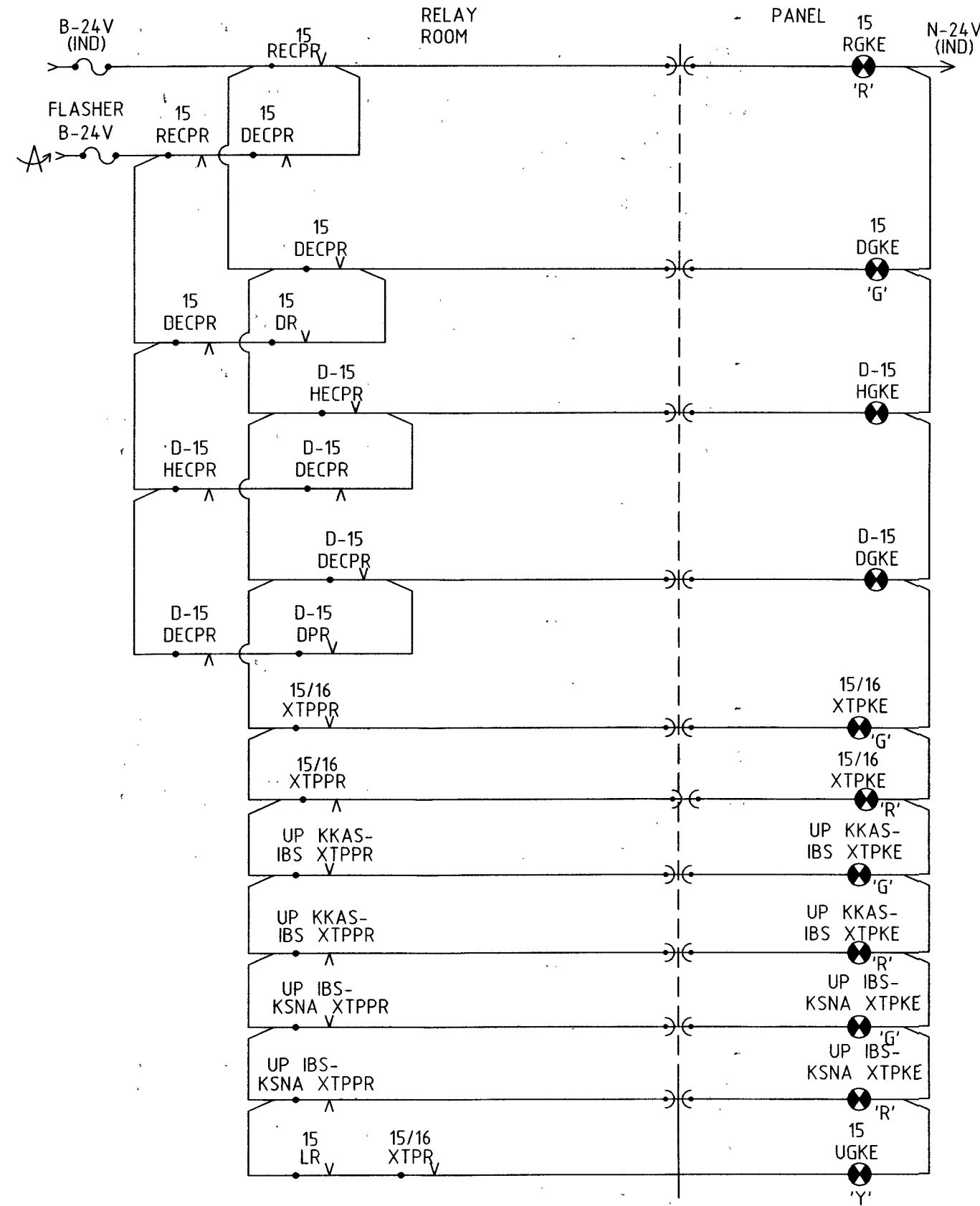


IBS



पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	CHECKED					APPROVED		UFSB MUX CIRCUITS (KSNA SIDE)	TYPICAL CIRCUIT FOR IBS(S/L) KATKAMASANDI	DRAWING No.
											ECR/WD/TYPICAL/ IBS(S/L)/2024 SH:-11/12

KKAS



पूर्व मध्य रेल हाजीपुर E.C. RAILWAY HAJIPUR	DRAWN.	C H E C K E D					A P P R O V E D		PANEL IND CIRCUITS	TYPICAL CIRCUIT FOR IBS(S/L) KATKAMASANDI	DRAWING No.
											ECR/WD/TYPICAL/ IBS(S/L)/2024
	SSE/DRG.	SSE/DRG.	SSE/SIG.	ASTE/PLG	ASTE/D & D	Dy.CSTE/D & D	CSTE/D & D/E.C.R.	PCSTE/E.C.R./HJP			SH:-12/12