

NOTE:-1. Drawings approval subject to valid type test reports,  
to be checked during acceptance tests.  
2. For EPC contractors only.

(ALL DIMENSIONS ARE IN mm)

1. Interlinking Fuses shall be inserted only when a PT fails.

2. PT Secondaries shall not be paralleled.


PTDB PANEL FOR 132KV BUS & 33KV BUS WITH 1 or 2 33KV BUS SECTIONS

END USER : M/s. APTRANSCO  
 CUSTOMER : AS APPLICABLE  
 PURCHASE ORDER No. : AS APPLICABLE  
 QTY : AS APPLICABLE  
 DRAWING NO. : SE / APTRANSCO / 132 / 33KV-PTDB / 03 / 23-24

Drawing approval subject to valid vendor registration

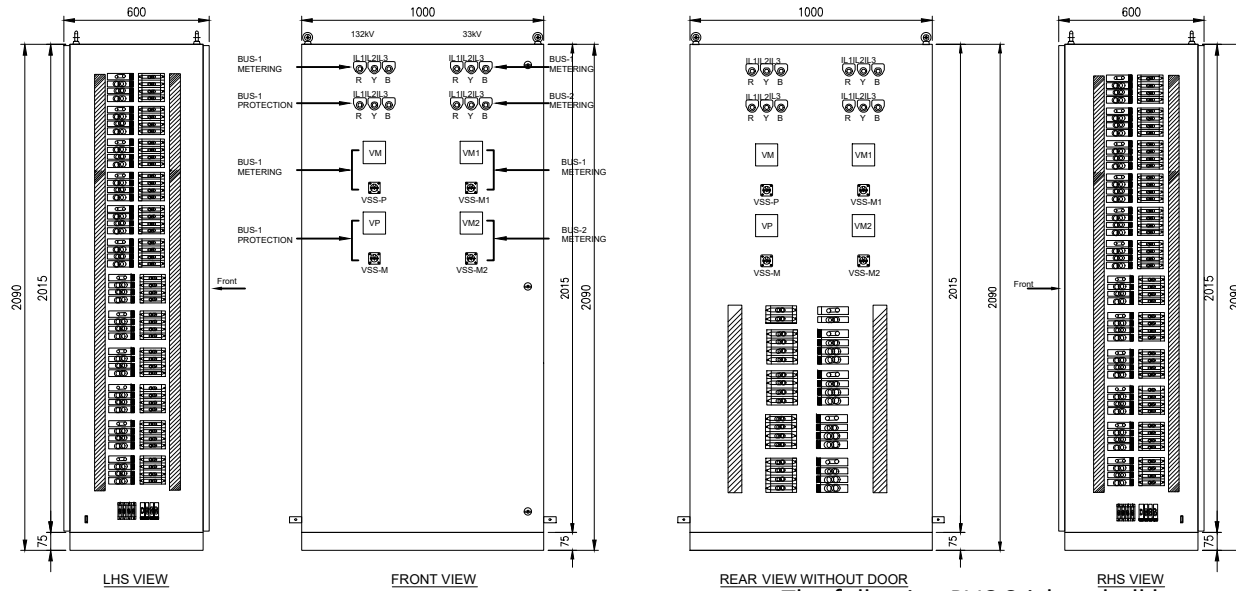
SH.NO.	DESCRIPTION	SHEET NO.	REV. No.
01	COVER & INDEX SHEET	01 OF 15	R2
02	GENERAL ARRANGEMENT	02 OF 15	R2
03	SINGLE LINE DIAGRAM	03 OF 15	R2
04	SINGLE LINE DIAGRAM	04 OF 15	R2
05	INCOMING POWER CIRCUIT	05 OF 15	R2
06	OUTGOING POWER CIRCUIT	06 OF 15	R2
07	INCOMING & OUTGOING POWER CIRCUIT	07 OF 15	R2
08	OUTGOING POWER CIRCUIT	08 OF 15	R2
09	OUTGOING POWER CIRCUIT	09 OF 15	R2
10	INCOMING POWER CIRCUIT	10 OF 15	R2
11	OUTGOING POWER CIRCUIT	11 OF 15	R2
12	INCOMING & OUTGOING POWER CIRCUIT	12 OF 15	R2
13	OUTGOING POWER CIRCUIT	13 OF 15	R2
14	OUTGOING POWER CIRCUIT	14 OF 15	R2
15	BILL OF MATERIAL	15 OF 15	R2

CHIEF ENGINEER/PROJECTS  
 APTRANSCO/VS/Vijayawada

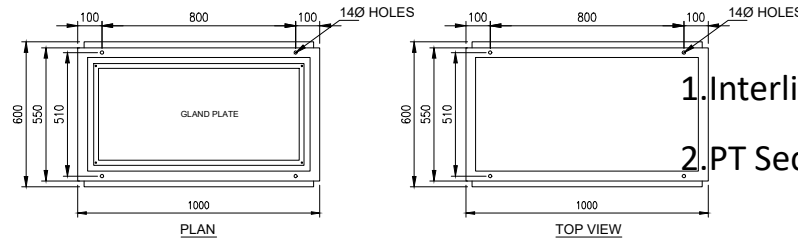
CLIENT : APTRANSCO					
SUPPLIER : M/s. SRINIVASA ENTERPRISES, HYDERABAD					
DESIGN & MFD BY :		NAME	SIGN.	DATE	SCALE
	M/S.SRINIVASA ENTERPRISES B-5, T.I.E. BALANAGAR HYDERABAD-500 037 PH.NO.092463 78045 EMAIL: somana123@yahoo.com	DRN. Bindu		15-04-2023	NTS
		DCN. Thomas		15-04-2023	
		APPD. S.S.Rao		15-04-2023	
TITLE :		DRAWING NO:			
132/33KV PT DB		SE / APTRANSCO / 132 / 33KV-PTDB / 03 / 23-24			
		Sheet No : 01		No. of sheets : 15	

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The following PVC Sticker shall be provided on the front side of the panel




1. Interlinking Fuses shall be inserted only when a PT fails.
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Drawing approval subject to valid vendor registration

NOTE:  
1. PANEL SHALL BE FABRICATED WITH 2mm CRCA SHEET  
2. IP PROTECTION : IP42  
3. PANEL COLOUR : 631 OF IS-5

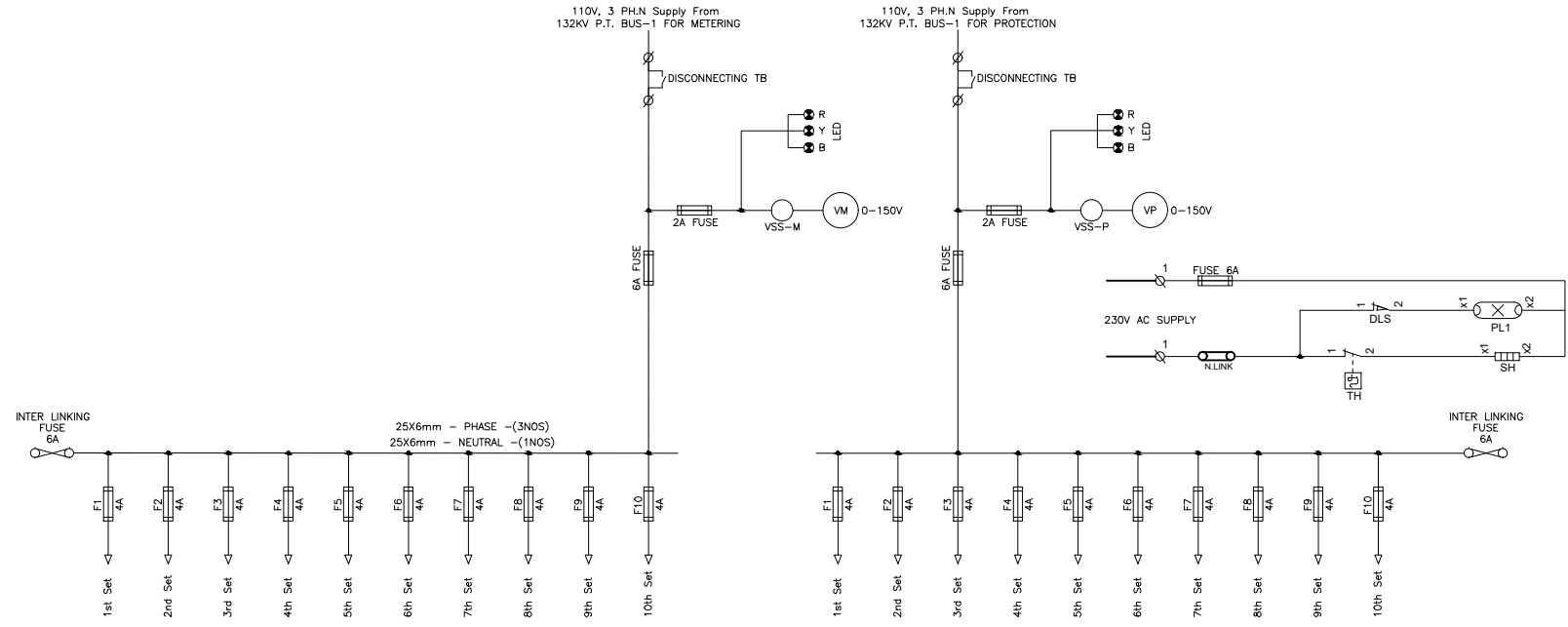
CHIEF ENGINEER/PROJECTS  
APTRANSCO/VS/Vijayawada

CLIENT :		APTRANSCO		
SUPPLIER :		M/s. SRINIVASA ENTERPRISES, HYDERABAD		
DESIGN & MFD BY :		NAME	SIGN.	DATE
	M/S.SRINIVASA ENTERPRISES			
	B-5, T.I.E. BALANAGAR			
	HYDERABAD-500 037			
PH.NO.092463 78045				
EMAIL: somana123@yahoo.com				
TITLE :		SCALE	NTS	
132/33KV PT		DRN.	Bindu	15-04-2023
		DCN.	Thomas	15-04-2023
		APPD.	S.S.Rao	15-04-2023
		DRAWING NO: SE / APTRANSCO / 132 / 33KV-PTDB / 03 / 23-24		
		Sheet No : 02	No. of sheets : 15	


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(ALL DIMENSIONS ARE IN mm)

Drawing approval subject to valid vendor registration



CHIEF ENGINEER/PROJECTS  
APTRANSCO/VS/Vijayawada

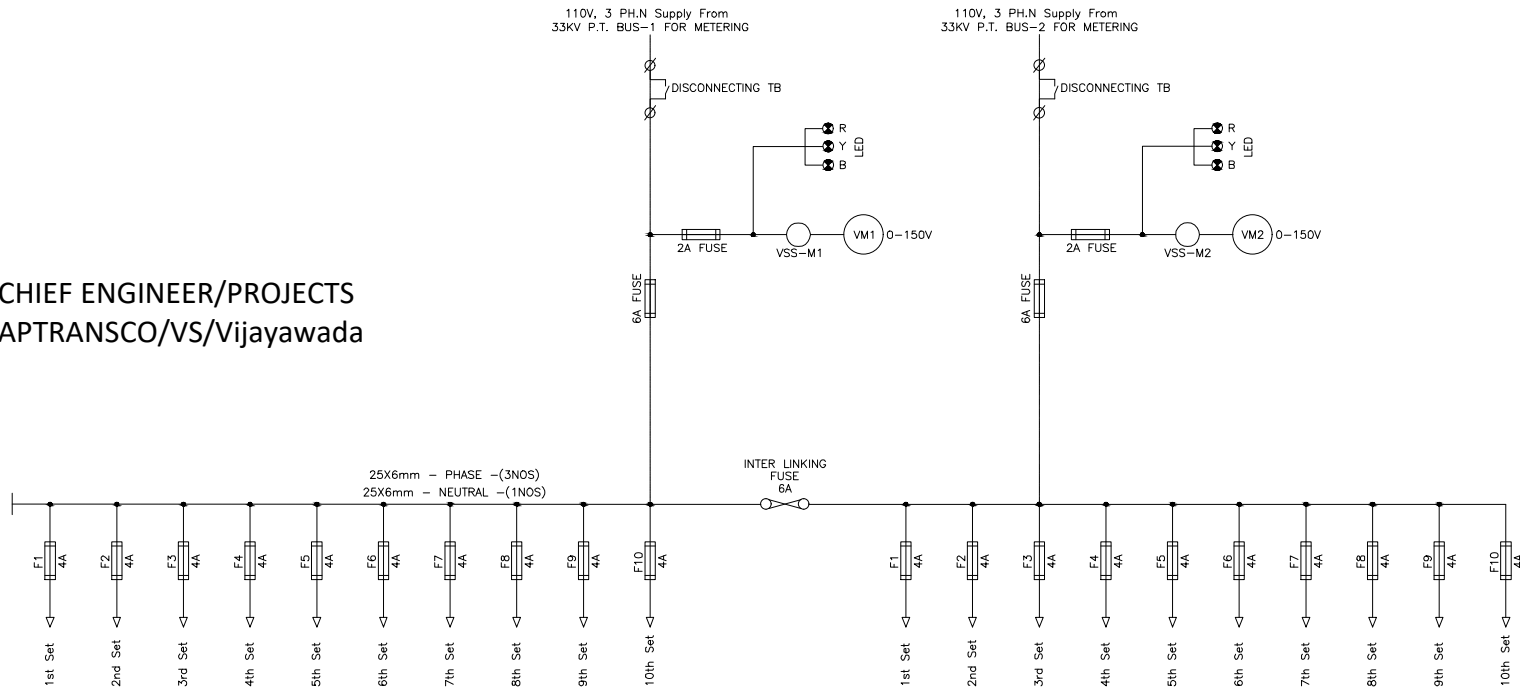
CLIENT : APTRANSCO			
SUPPLIER : M/s. SRINIVASA ENTERPRISES, HYDERABAD			
DESIGN & MFD BY :			
	M/S.SRINIVASA ENTERPRISES		
	B-5, T.I.E. BALANAGAR		
	HYDERABAD-500 037 PH.NO.092463 78045 EMAIL: somana123@yahoo.com		
TITLE :		DRAWING NO:	
132/33KV PT DB		SE / APTRANSCO / 132 / 33KV-PTDB / 03 / 23-24	
Sheet No : 03		No. of sheets : 15	

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(ALL DIMENSIONS ARE IN mm)


Drawing approval subject to valid vendor registration

CHIEF ENGINEER/PROJECTS  
APTRANSCO/VS/Vijayawada



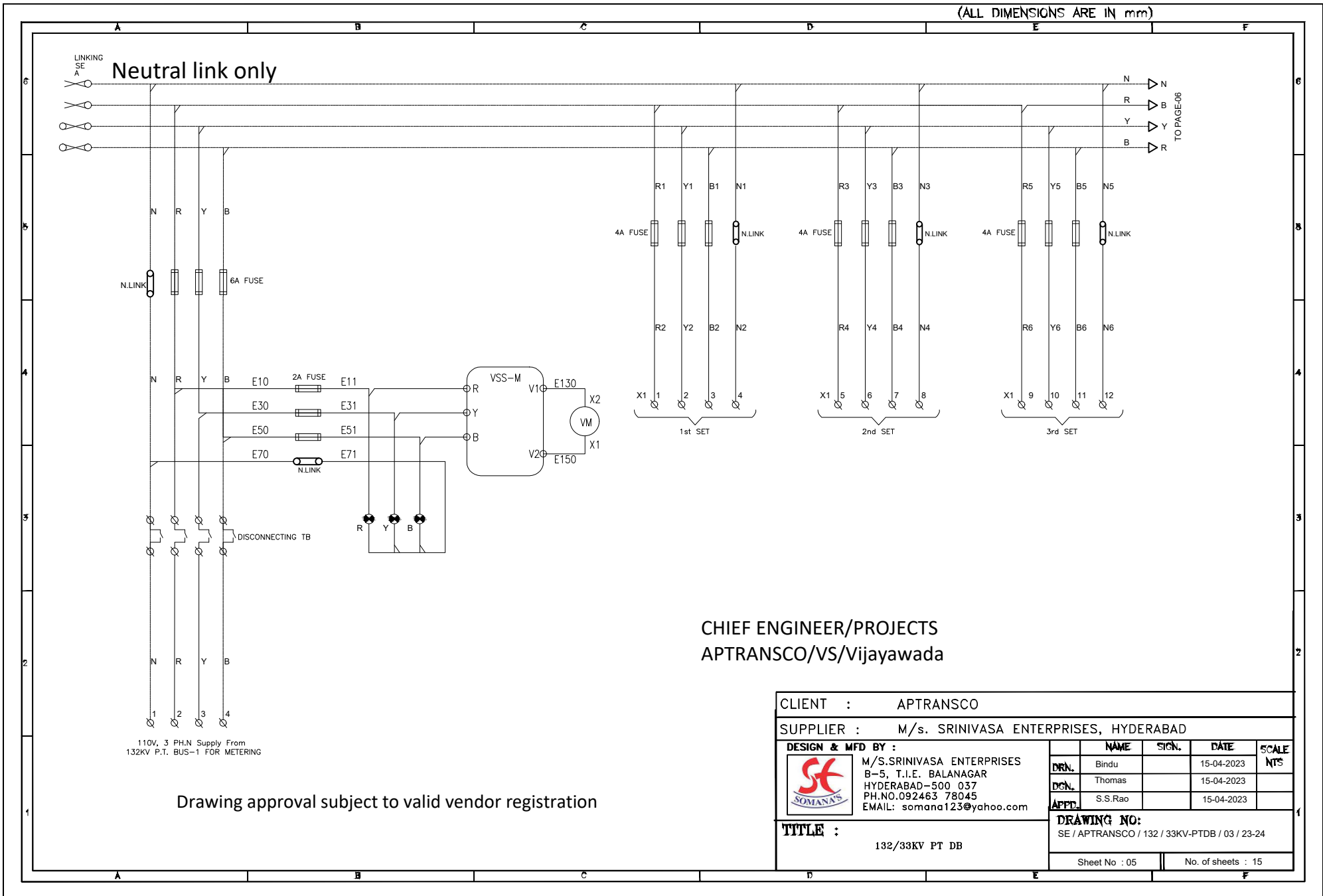
1. Interlinking Fuses shall be inserted only when a PT fails.

2. PT Secondaries shall not be paralleled.

CLIENT : APTRANSCO																				
SUPPLIER : M/s. SRINIVASA ENTERPRISES, HYDERABAD																				
DESIGN & MFD BY :																				
M/S.SRINIVASA ENTERPRISES B-5, T.I.E. BALANAGAR HYDERABAD-500 037 PH.NO.092463 78045 EMAIL: somana123@yahoo.com																				
		<table border="1"> <thead> <tr> <th>NAME</th> <th>SIGN.</th> <th>DATE</th> <th>SCALE</th> </tr> </thead> <tbody> <tr> <td>DRN. Bindu</td> <td></td> <td>15-04-2023</td> <td>NTS</td> </tr> <tr> <td>DCN. Thomas</td> <td></td> <td>15-04-2023</td> <td></td> </tr> <tr> <td>APPR. S.S.Rao</td> <td></td> <td>15-04-2023</td> <td></td> </tr> </tbody> </table>	NAME	SIGN.	DATE	SCALE	DRN. Bindu		15-04-2023	NTS	DCN. Thomas		15-04-2023		APPR. S.S.Rao		15-04-2023		<b>DRAWING NO:</b> SE / APTRANSCO / 132 / 33KV-PTDB / 03 / 23-24	
NAME	SIGN.	DATE	SCALE																	
DRN. Bindu		15-04-2023	NTS																	
DCN. Thomas		15-04-2023																		
APPR. S.S.Rao		15-04-2023																		
<b>TITLE :</b>			132/33KV PT DB																	
Sheet No : 04			No. of sheets : 15																	


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(ALL DIMENSIONS ARE IN mm)



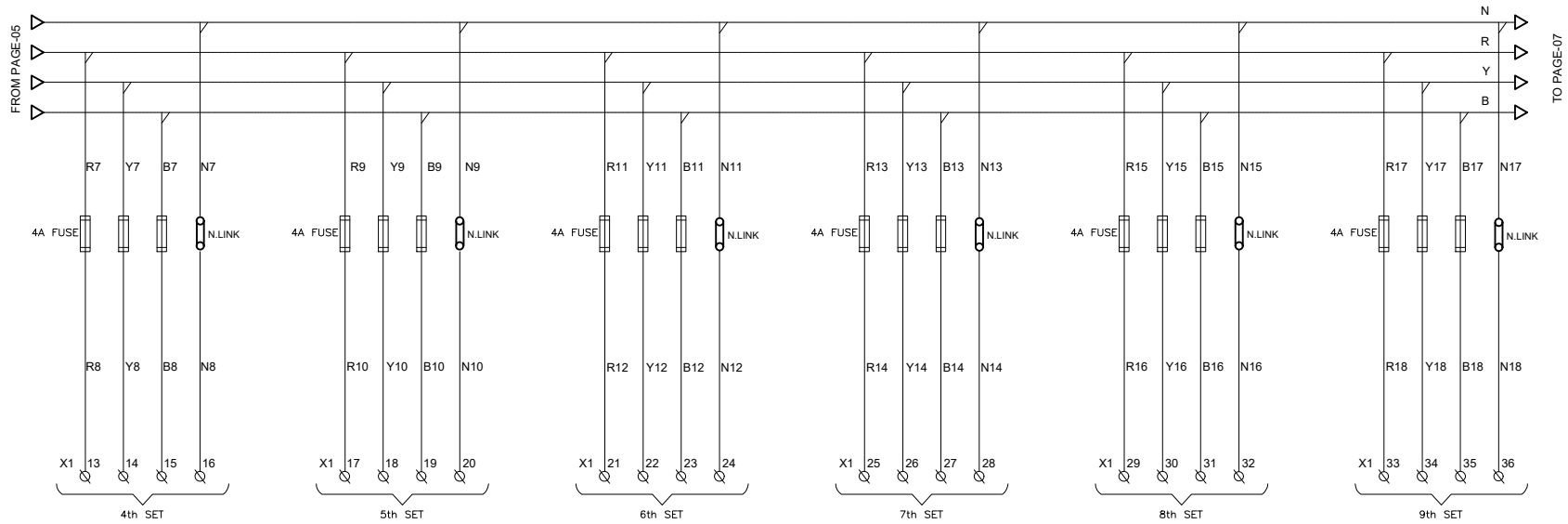
CHIEF ENGINEER/PROJECTS  
APTRANSCO/VIS/Vijayawada

Drawing approval subject to valid vendor registration

CLIENT :		APTRANSCO				
SUPPLIER :		M/s. SRINIVASA ENTERPRISES, HYDERABAD				
DESIGN & MFD BY :		NAME	SIGN.	DATE	SCALE	
	M/S.SRINIVASA ENTERPRISES B-5, T.I.E. BALANAGAR HYDERABAD-500 037 PH.NO.092463 78045 EMAIL: somana123@yahoo.com		DRN.	Bindu	15-04-2023	NTS
			DCN.	Thomas	15-04-2023	
			APPD.	S.S.Rao	15-04-2023	
TITLE :		DRAWING NO:				
132/33KV PT DB		SE / APTRANSCO / 132 / 33KV-PTDB / 03 / 23-24				
		Sheet No : 05		No. of sheets : 15		

NOTE:-1. Drawings approval subject to valid type test reports,  
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(ALL DIMENSIONS ARE IN mm)




1. Interlinking Fuses shall be inserted only when a PT fails.

2. PT Secondaries shall not be paralleled.

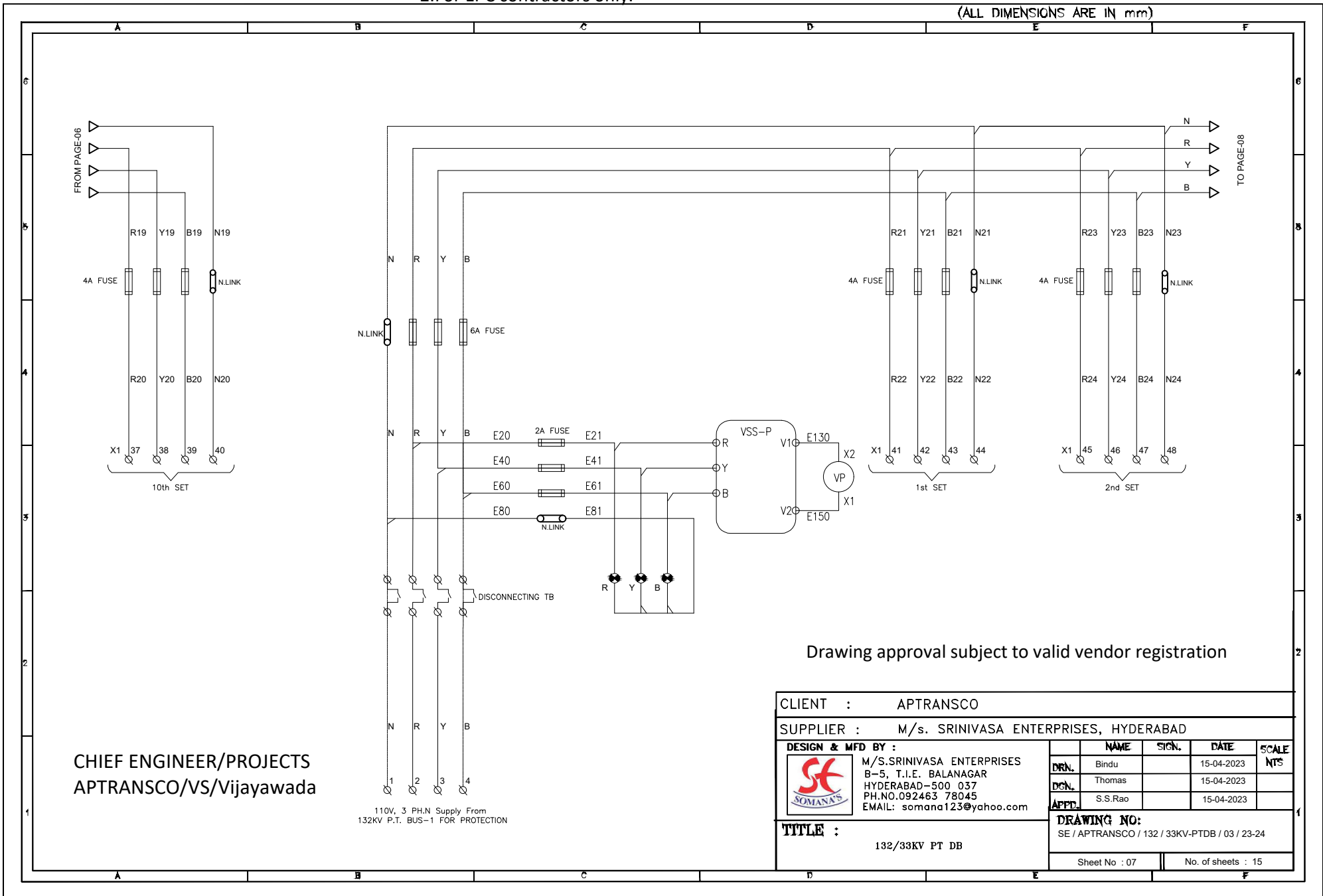
Drawing approval subject to valid vendor registration

CHIEF ENGINEER/PROJECTS  
APTRANSCO/VS/Vijayawada

CLIENT : APTRANSCO					
SUPPLIER : M/s. SRINIVASA ENTERPRISES, HYDERABAD					
DESIGN & MFD BY :		NAME	SIGN.	DATE	SCALE
 M/S. SRINIVASA ENTERPRISES B-5, T.I.E. BALANAGAR HYDERABAD-500 037 PH.NO.092463 78045 EMAIL: somana123@yahoo.com	DRN.	Bindu		15-04-2023	NTS
	DGN.	Thomas		15-04-2023	
	APPD.	S.S.Rao		15-04-2023	
TITLE :		DRAWING NO:			
132/33KV PT DB		SE / APTRANSCO / 132 / 33KV-PTDB / 03 / 23-24			
Sheet No : 06			No. of sheets : 15		

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CHIEF ENGINEER/PROJECTS  
APTRANSCO/VS/Vijayawada

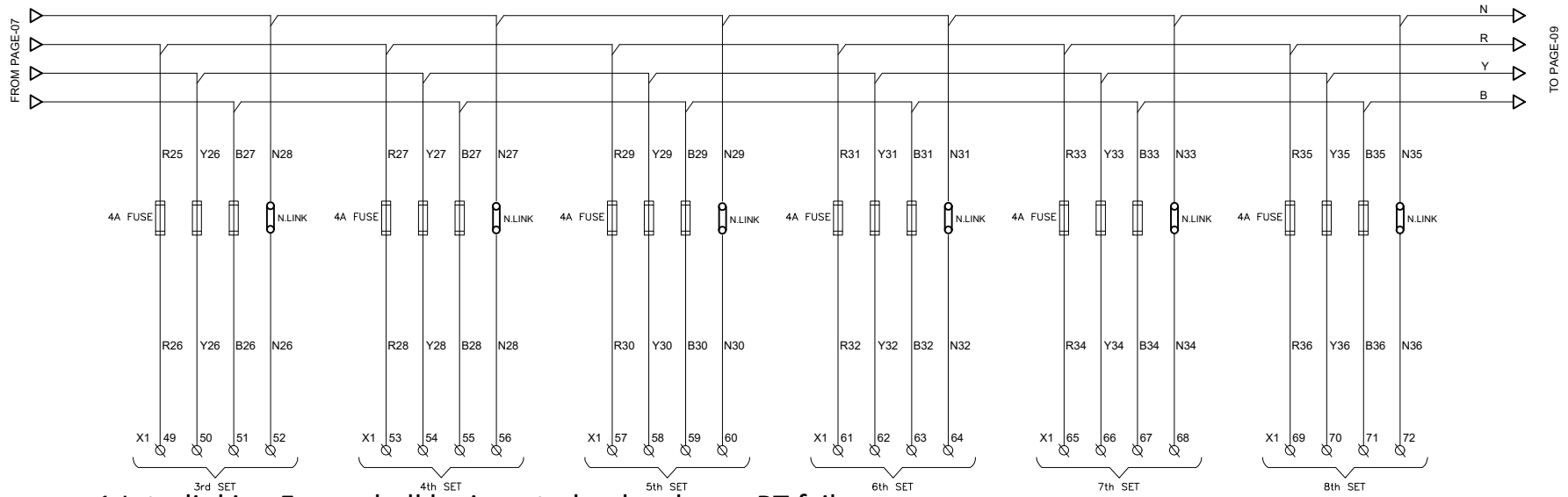
110V, 3 PH, N Supply From  
132KV P.T. BUS-1 FOR PROTECTION

Drawing approval subject to valid vendor registration

CLIENT :		APTRANSCO				
SUPPLIER :		M/s. SRINIVASA ENTERPRISES, HYDERABAD				
DESIGN & MFD BY :		NAME	SIGN.	DATE	SCALE	
	M/S.SRINIVASA ENTERPRISES B-5, T.I.E. BALANAGAR HYDERABAD-500 037 PH.NO.092463 78045 EMAIL: somana123@yahoo.com		DRN.	Bindu	15-04-2023	NTS
			DGN.	Thomas	15-04-2023	
			APPT.	S.S.Rao	15-04-2023	
TITLE :		DRAWING NO:				
132/33KV PT DB		SE / APTRANSCO / 132 / 33KV-PTDB / 03 / 23-24				
		Sheet No : 07		No. of sheets : 15		

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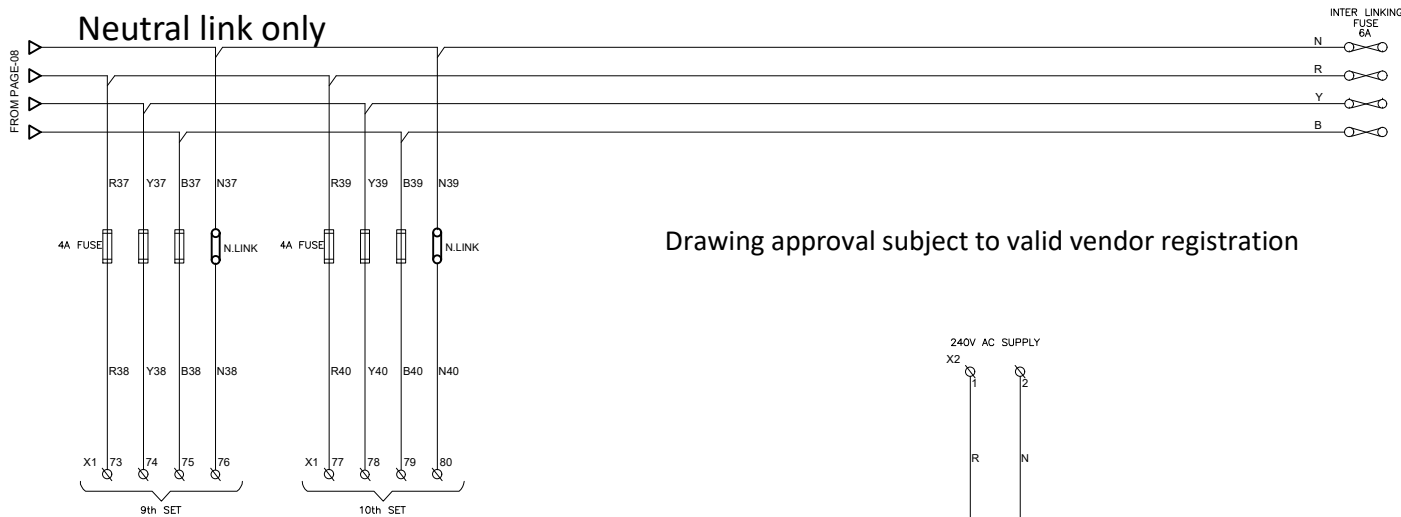
Drawing approval subject to valid vendor registration

CHIEF ENGINEER/PROJECTS  
APTRANSCO/VS/Vijayawada

CLIENT : APTRANSCO						
SUPPLIER : M/s. SRINIVASA ENTERPRISES, HYDERABAD						
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	M/S.SRINIVASA ENTERPRISES B-5, T.I.E. BALANAGAR HYDERABAD-500 037 PH.NO.092463 78045 EMAIL: somana123@yahoo.com		DRN.	Bindu	15-04-2023	NTS
			DGN.	Thomas	15-04-2023	
			APPT.	S.S.Rao	15-04-2023	
TITLE :		DRAWING NO:				
132/33KV PT DB		SE / APTRANSCO / 132 / 33KV-PTDB / 03 / 23-24				
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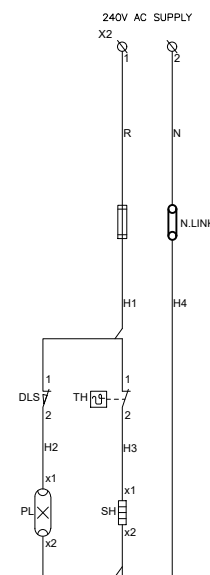
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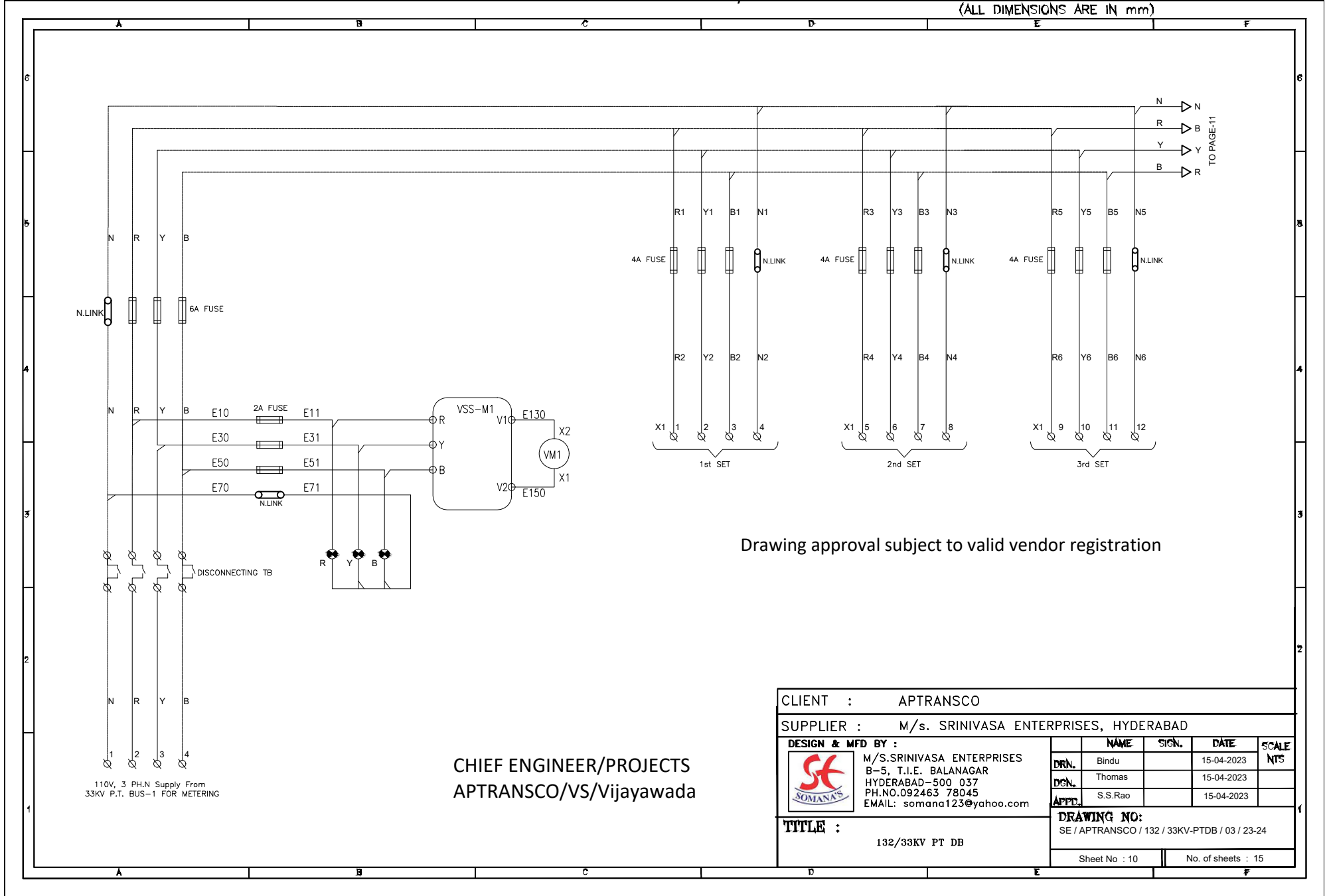
CHIEF ENGINEER/PROJECTS  
APTRANSCO/Vs/Vijayawada

CLIENT : APTRANSCO				
SUPPLIER : M/s. SRINIVASA ENTERPRISES, HYDERABAD				
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DRN.	NAME	SIGN.	DATE	SCALE
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DCN.	Thomas		15-04-2023	
APPD.	S.S.Rao		15-04-2023	
DRAWING NO: SE / APTRANSCO / 132 / 33KV-PTDB / 03 / 23-24				
Sheet No : 09			No. of sheets : 15	

TITLE :  
132/33KV PT DB

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(ALL DIMENSIONS ARE IN mm)



110V, 3 PH.N Supply From  
33KV P.T. BUS-1 FOR METERING

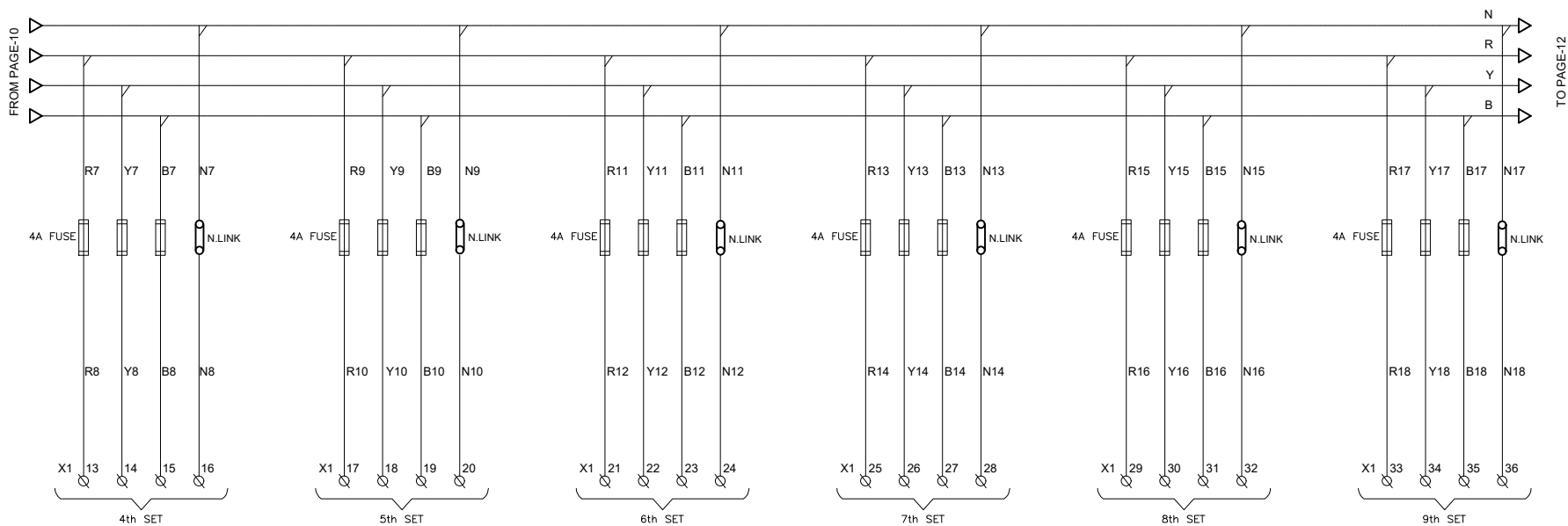
CHIEF ENGINEER/PROJECTS  
APTRANSCO/Vs/Vijayawada

Drawing approval subject to valid vendor registration

CLIENT :		APTRANSCO		
SUPPLIER :		M/s. SRINIVASA ENTERPRISES, HYDERABAD		
DESIGN & MFD BY :		NAME	SIGN.	DATE
 M/S.SRINIVASA ENTERPRISES B-5, T.I.E. BALANAGAR HYDERABAD-500 037 PH.NO.092463 78045 EMAIL: somana123@yahoo.com	DRN.	Bindu		15-04-2023
	DGN.	Thomas		15-04-2023
	APPT.	S.S.Rao		15-04-2023
TITLE :		DRAWING NO:		
132/33KV PT DB		SE / APTRANSCO / 132 / 33KV-PTDB / 03 / 23-24		
		Sheet No : 10		No. of sheets : 15

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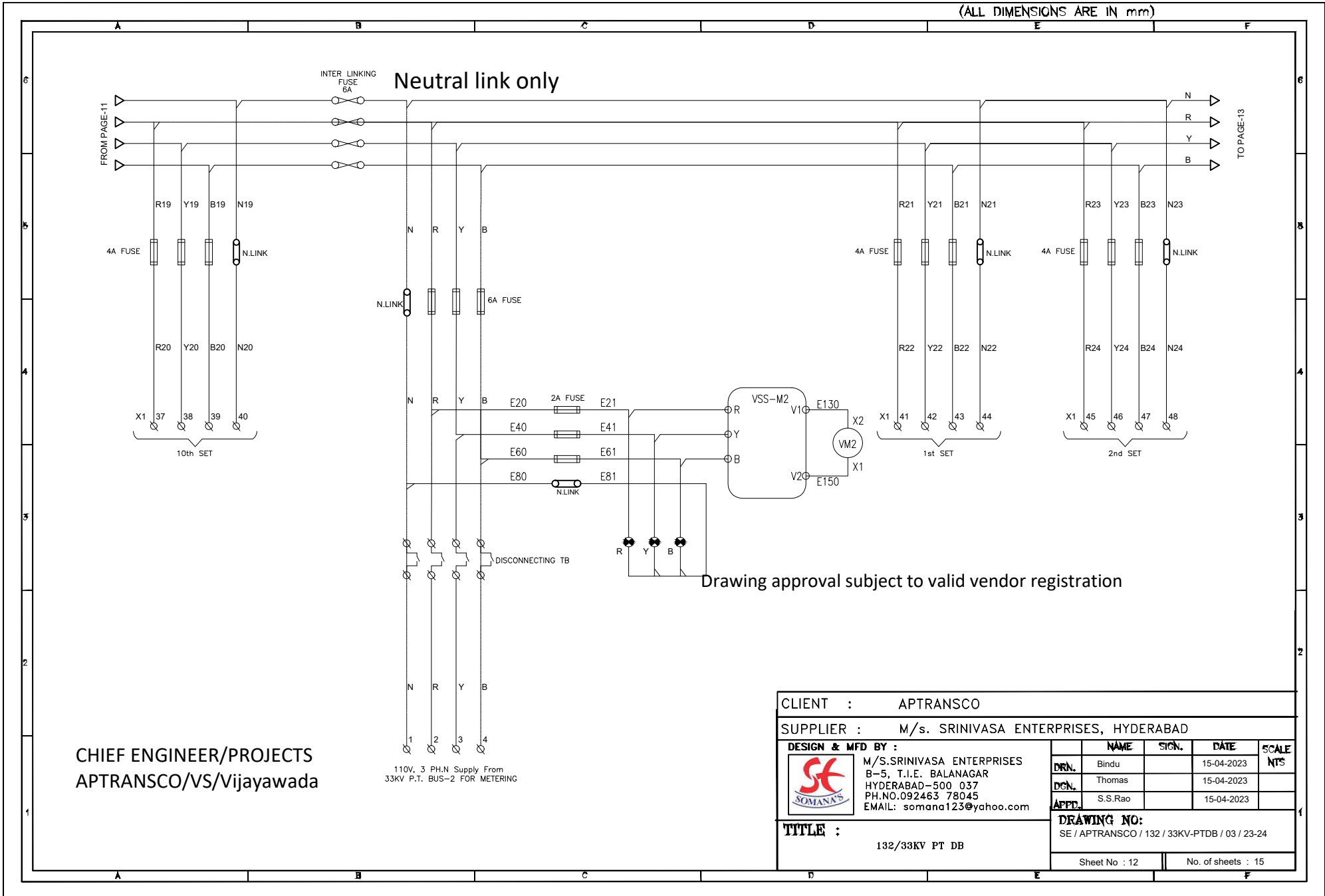
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CHIEF ENGINEER/PROJECTS  
APTRANSCO/VS/Vijayawada

CLIENT : APTRANSCO				
SUPPLIER : M/s. SRINIVASA ENTERPRISES, HYDERABAD				
DESIGN & MFD BY :				
 M/S.SRINIVASA ENTERPRISES B-5, T.I.E. BALANAGAR HYDERABAD-500 037 PH.NO.092463 78045 EMAIL: somana123@yahoo.com	NAME	SIGN.	DATE	
	DRN.	Bindu		15-04-2023
	DGN.	Thomas		15-04-2023
APPT.	S.S.Rao		15-04-2023	
TITLE :		DRAWING NO:		
132/33KV PT DB		SE / APTRANSCO / 132 / 33KV-PTDB / 03 / 23-24		
Sheet No : 11		No. of sheets : 15		

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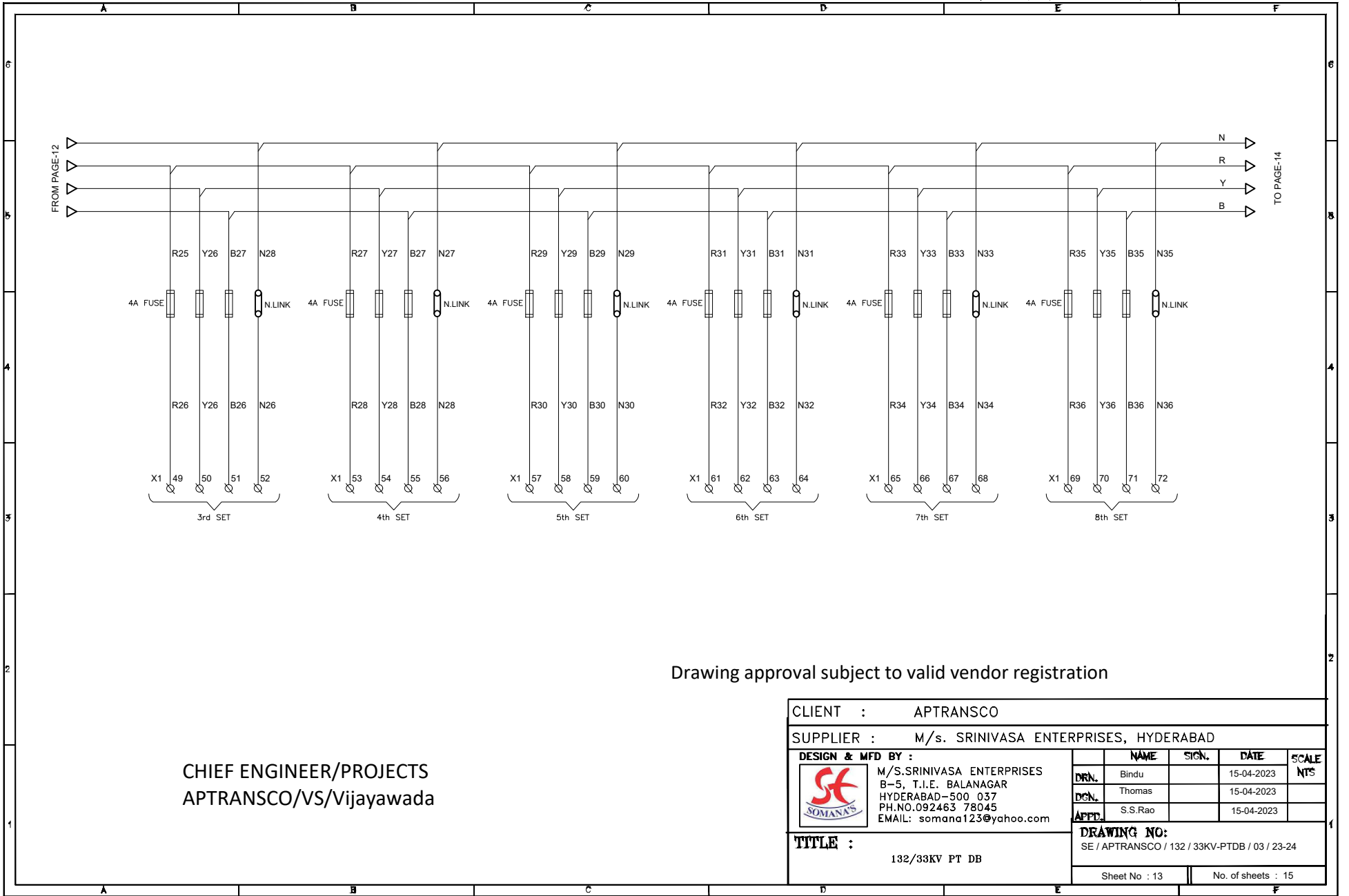


CHIEF ENGINEER/PROJECTS  
APTRANSCO/VS/Vijayawada

CLIENT : APTRANSCO					
SUPPLIER : M/s. SRINIVASA ENTERPRISES, HYDERABAD					
DESIGN & MFD BY :					
M/S.SRINIVASA ENTERPRISES B-5, T.I.E. BALANAGAR HYDERABAD-500 037 PH.NO.092463 78045 EMAIL: somana123@yahoo.com					
DRN.		NAME	SIGN.	DATE	SCALE
DCN.		Thomas		15-04-2023	NTS
APPD.		S.S.Rao		15-04-2023	
DRAWING NO:					
SE / APTRANSCO / 132 / 33KV-PTDB / 03 / 23-24					
Sheet No : 12			No. of sheets : 15		


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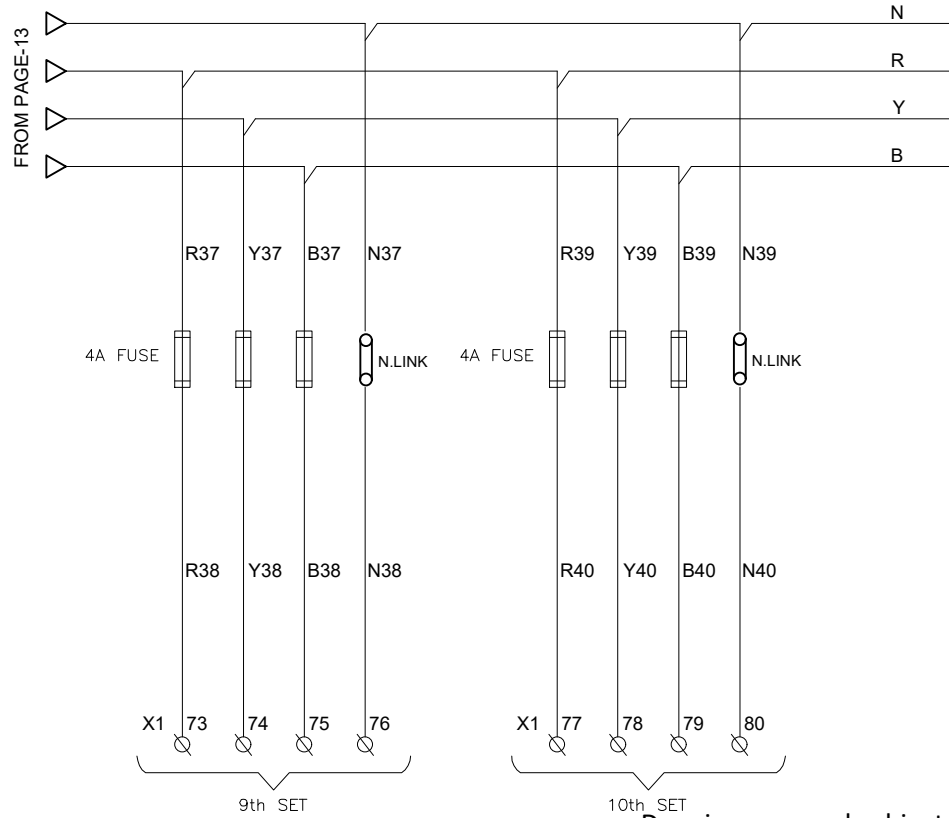
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CHIEF ENGINEER/PROJECTS  
APTRANSCO/VS/Vijayawada

CLIENT : APTRANSCO				
SUPPLIER : M/s. SRINIVASA ENTERPRISES, HYDERABAD				
DESIGN & MFD BY :				
	M/S.SRINIVASA ENTERPRISES			
	B-5, T.I.E. BALANAGAR			
	HYDERABAD-500 037 PH.NO.092463 78045 EMAIL: somana123@yahoo.com			
DRN.	Bindu	SIGN.	DATE	SCALE
DCN.	Thomas		15-04-2023	NTS
APPT.	S.S.Rao		15-04-2023	
DRAWING NO:				
SE / APTRANSCO / 132 / 33KV-PTDB / 03 / 23-24				
Sheet No : 13			No. of sheets : 15	


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CHIEF ENGINEER/PROJECTS  
APTRANSCO/VS/Vijayawada

CLIENT : APTRANSCO				
SUPPLIER : M/s. SRINIVASA ENTERPRISES, HYDERABAD				
DESIGN & MFD BY :				
	M/S.SRINIVASA ENTERPRISES			
	B-5, T.I.E. BALANAGAR			
	HYDERABAD-500 037 PH.NO.092463 78045 EMAIL: somana123@yahoo.com			
DRN.	Bindu	SIGN.	DATE	SCALE
DCN.	Thomas		15-04-2023	NTS
APPD.	S.S.Rao		15-04-2023	
DRAWING NO:				
SE / APTRANSCO / 132 / 33KV-PTDB / 03 / 23-24				
Sheet No : 14			No. of sheets : 15	

NOTE:-1. Drawings approval subject to valid type test reports,  
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**BILL OF MATERIALS**

Drawing approval subject to valid vendor registration

INCOMER :

Sl. No.	Tag	Specification	Make	UOM	Quantity
1	FUSE	6A FUSE	L&T/C&S/GE	Nos	21
2	FUSE	2A FUSE	L&T/C&S/GE	Nos	12
3	VP	ANALOG VOLTMETER, 96Sq.mm, CLASS:1, 0-150V	AE/ELMEASURE/L&T	Nos	2
4	VM	ANALOG VOLTMETER, 96Sq.mm, CLASS:1, 0-150V	AE/ELMEASURE/L&T	Nos	2
5	VSS-P	VOLTMETER SELECTOR SWITCH 6 POSITION 10A	SALZER/KAYCEE	Nos	1
6	VSS-M	VOLTMETER SELECTOR SWITCH 6 POSITION 10A	SALZER/KAYCEE	Nos	3
7	L1-L3	AC INDICATION LAMP, 63.5V AC, 22.5Ø	ESBEE/C&S	Nos	12
8	N.LINK	NEUTRAL LINK <b>11 only</b>	REPUTED	Nos	10


OUTGOING-1-40

1	SFU	CONTROL FUSES 4A	L&T/C&S/GE	Nos	120
2	N.LINK	NEUTRAL LINK	REPUTED	Nos	40

PANEL ACCESSORIES

1	FUSE	6A FUSE	L&T/C&S/GE	Nos	1
2	SH	Space heater 80W, 230V AC	GIRISH/REPUTED	Nos	1
3	TS	Thermostat 30-85 Deg C, 230V AC	GIRISH/REPUTED	Nos	1
4	PL	Panel Lamp 5W, 230V AC, LED Light with mounting Holder	PHILIPS	Nos	1
5	DLS	DOOR LIMIT SWITCH	SURAJ/REPUTED	Nos	1
6	PS	Socket 6A, 230V AC Utility Socket, Universal type	ANCHOR	Nos	1
7	TB	STUD TYPE NON DISCONNECTING TYPE TERMINAL BLOCKS	ELMEX/JAINSON	Nos	170
8	TB	DISCONNECTING TYPE TERMINAL BLOCKS	ELMEX/JAINSON	Nos	18
9	N.LINK	NEUTRAL LINK	REPUTED	Nos	1

CHIEF ENGINEER/PROJECTS  
APTRANSCO/Vs/Vijayawada

CLIENT : APTRANSCO					
SUPPLIER : M/s. SRINIVASA ENTERPRISES, HYDERABAD					
<b>DESIGN &amp; MFD BY :</b>		<b>NAME</b>	<b>SIGN.</b>	<b>DATE</b>	<b>SCALE</b>
	M/S.SRINIVASA ENTERPRISES	Bindu		15-04-2023	NTS
	B-5, T.I.E. BALANAGAR	Thomas		15-04-2023	
	HYDERABAD-500 037	S.S.Rao		15-04-2023	
PH.NO.092463 78045		<b>APPR.</b>			
EMAIL: somana123@yahoo.com		<b>DRAWING NO:</b>			
<b>TITLE :</b>		SE / APTRANSCO / 132 / 33KV-PTDB / 03 / 23-24			
132/33KV PT DB		Sheet No : 15			No. of sheets : 15