

SHEET No.	DRAWING No.	Rev.	DESCRIPTION
SHEET-01	3-96-186-15784	00	SOOT BLOWER MCC - LIST OF DRAWINGS
SHEET-02	3-96-186-15785	00	SOOT BLOWER SINGLE LINE DIAGRAM-NOTES
SHEET-03	3-96-186-15786	00	SOOT BLOWER SINGLE LINE DIAGRAM
SHEET-04	3-96-186-15787	00	SOOT BLOWER SINGLE LINE DIAGRAM
SHEET-05	3-96-186-15788	00	WALL BLOWER CONTROL SCHEME DIAGRAM
SHEET-06	3-96-186-15789	00	WALL BLOWER INTERCONNECTION DIAGRAM
SHEET-07	3-96-186-15790	00	LR BLOWER CONTROL SCHEME DIAGRAM
SHEET-08	3-96-186-15791	00	LR BLOWER INTERCONNECTION DIAGRAM
SHEET-09	3-96-186-15792	00	AIR HEATER BLOWER CONTROL SCHEME DIAGRAM
SHEET-10	3-96-186-15793	00	AIR HEATER BLOWER INTERCONNECTION DIAGRAM
SHEET-11	- - - - -	-	VOID
SHEET-12	- - - - -	-	VOID
SHEET-13	3-96-186-15794	00	INTER COMPARTMENT WIRING DIAGRAM IN SB MCC
SHEET-14	3-96-186-15795	00	INTER COMPARTMENT WIRING DIAGRAM IN SB MCC
SHEET-15	3-96-186-15796	00	INTER COMPARTMENT WIRING DIAGRAM IN SB MCC

REFERENCE DRAWINGS
1. SOOT BLOWER P&ID : 0-00-047-16155 TO 16156

REV	DATE	ALTERED :
		CHD. / APPD. :
ZONE		

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OWNER :
PROJECT :



TELANGANA STATE POWER GENERATION CORPORATION LTD
TELANGANA STATE, INDIA
5 x 800 MW YADADRI TPS, DAMARACHERLA, Cust. No. 1823 to 1827

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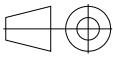
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DEPT.-C & I

CODE - 392

TITLE

SOOT BLOWER MCC
LIST OF DRAWINGS



SCALE
NTS

WEIGHT (Kg)

CARD
CODE
U 01

A. Thambu Raj

SR / KB

A.K.Panda

SIGNATURE

DATE

27-02-18

DATE

27-02-18

NO. OF
VAR

—

REF TO ASSY / OLD DWG

ITEM NO

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DRAWING NO :

3-96-186-15784

REV

00

Sheet 01 of 15

File Name : YADSB501

NOTE

- MCC SHALL BE SUITABLE FOR IP 54 DEGREE OF PROTECTION.
- ALL SB MCC SHALL BE OF COMPARTMENTAL DRAWOUT TYPE AND DOUBLE FRONT EXECUTION SUITABLE FOR BOTTOM CABLE ENTRY. HOWEVER, CONTROL SUPPLY TRANSFORMER INCOMER AND JAMMING RELAY MODULES WILL BE NON-DRAWOUT TYPE (FIXED). MCC SHALL BE DUST & VERMIN PROOF.
- MCC SHALL BE FABRICATED BY CRCA SHEET STEEL OF FOLLOWING THICKNESS
a) LOAD BEARING MEMBER - 2.0 mm
b) GLAND PLATE - 3 mm C) OTHERS - 1.6 mm
- THE BUSBARS SHALL BE OF HIGH CONDUCTIVITY ALUMINIUM ALLOY. BUSBAR SHALL BE PVC SLEEVED COLOUR CODED AT REGULAR INTERVAL.
- POWER CONTACTORS SHALL HAVE 2NO + 2NC AUX. CONTACTS AND UTILISATION CATEGORY AC-3 FOR DOL STARTERS.
- THERMAL OVER LOAD RELAYS SHALL BE MANUAL RESET TYPE WITH TWO CHANGE OVER POTENTIAL FREE CONTACTS. RESETTNG OF RELAYS SHALL BE POSSIBLE WITH COMPARTMENTAL DOOR CLOSED. THE RANGE OF RELAYS MAY DIFFER SLIGHTLY ACCORDING TO THE MAKE USED IN THE MCC. OLR SHALL BE WITH BUILT-IN SINGLE PHASE PREVENTOR.
- MCC SHALL BE PAINTED WITH OPALINE GREEN FOR EXTERIOR & INTERIOR (SEMI GLOSSY FINISH) COMPONENT MOUNTING PLATE SHALL BE ZINC PASSIVATED.
- THE WIRING SHALL BE CARRIED OUT WITH 1100 V GRADE HR PVC INSULATED STRANDED COPPER CONDUCTOR OF SIZE 2.5 SQ. MM FOR POWER, CONTROL, CURRENT CIRCUIT AND CT CIRCUIT AND 1.5 SQ.MM FOR VOLTAGE CIRCUITS WITH T.C. LUGS IN ALL TERMINATIONS.
- CONTROL AND SELECTOR SWITCHES SHALL BE OF ROTARY TYPE.
- UNDRILLED CABLE GLAND PLATES SHALL BE SUPPLIED ALONG WITH THE PANEL.
- SPARES ARE INDICATED ONLY FOR ELECTRICAL FEEDER.
- SEPARATE VERTICAL BUSBARS FOR FRONT AND REAR OF MINIMUM 200A SHALL BE PROVIDED. BUS BARS SHALL BE PVC SLEEVED, COLOUR CODED AT REGULAR INTERVALS.
- TINNED COPPER LUGS FOR EXTERNAL CONNECTION ARE TO BE SUPPLIED ALONG WITH THE PANEL INDICATING LAMPS WILL BE OF CLUSTER LED TYPE.
- MCCB'S AT TWO INCOMER AND ONE BUS COUPLER SHALL BE MECHANICALLY INTERLOCKED USING CASTLE KEYS SO THAT ONLY TWO OF THESE CAN BE TURNED ON AT A TIME.
- DOUBLE COMPRESSION CABLE GLANDS AND TINNED COPPER LUGS FOR ALL POWER AND CONTROL CABLES FOR EXTERNAL CONNECTION ARE TO BE SUPPLIED ALONG WITH THE PANEL
- MINIMUM AIR CLEARANCE IN AIR BETWEEN PHASES SHALL BE 25.4mm AND PHASE-EARTH SHALL BE 19MM FOR BUSBARS AND CABLE TERMINATIONS.
- FOUNDATION BOLTS & NUTS, IF REQUIRED SHALL BE SUPPLIED ALONG WITH SBMCC.
- OPERATING HEIGHT SHALL BE 250mm TO 1900mm FROM THE BOTTOM & BASE FRAME OF MCC.
- ALL MODULES/COMPONENTS SHALL BE IDENTIFIED BY LABELS ENGRAVED IN WHITE COLOUR ON THE BLACK COLOUR BACKGROUND.
- THE WIDTH OF CABLE ALLEY SHALL NOT BE LESS THAN 250mm.
- 12 KV RUBBER MATS SHALL BE PROVIDED BOTH AT FRONT AND REAR OF MCC.
- ADEQUATLY RATIO SPACE HEATER WITH THERMOSTAT SHALL BE PROVIDED IN CABLE ALLEYS OF EACH VERTICAL SECTION OF THE MCC TO PREVENT MOISTURE CONDENSATION.

LEGEND

74	AUXILIARY CONTACTOR FOR OVERLOAD MONITORING
49R	THERMAL OVER LOAD RELAY ROTARY MOTOR
49T	THERMAL OVER LOAD RELAY TRAVERSE MOTOR
A	AMMETER
ASS	AMMETER SELECTOR SWITCH
CF	POWER CONTACTOR FOR FORWARD MOTION
CR	POWER CONTACTOR FOR REVERSE MOTION
CRO	POWER CONTACTOR FOR ROTARY MOTION
CS	CONTROL SUPPLY HEALTHY CONTACTOR
CT	CURRENT TRANSFORMER
CX	AUXILIARY CONTACTOR FOR AHB SV OPERATION
FF	CONTROL FUSE
LRPB	LOCAL RETRACT PUSH BUTTON
LS1	LRB/AHB FORWARD END POSITION LIMIT SWITCH
LS2	LRB/AHB HOME POSITION LIMIT SWITCH
LSPB	LOCAL START PUSH BUTTON
LSTE	WALL BLOWER HOME POSITION LIMITSWITCH
LSTR	WALL BLOWER ROTARY LIMIT SWITCH
LSTS	WALL BLOWER FORWARD END POSITION LIMIT SWITCH
MC	AUX. CONTACTOR FOR CONTROL SUPPLY MONITORING
MCB	MINIATURE CIRCUIT BREAKER
MCCB	MOULDED CASE CIRCUIT BREAKER
MPCB	MOTOR PROTECTION CIRCUIT BREAKER
OCR	OVER CURRENT RELAY
PF	POWER FUSE
PT	VOLTAGE TRANSFORMER
RC	AUXILIARY CONTACTOR FOR BLOWER OPERATION
RR	AUXILIARY CONTACTOR FOR REMOTE RETRACT
SBC	SOOT BLOWER CONTROL
SV	AUX. CONTACTOR FOR AHB - SOLENOID VALVE
V	VOLT METER
VSS	VOLTMETER SELECTOR SWITCH

LEGEND

	DRAWOUT TYPE TERMINALS
	FUSE SWITCH THREE USE LINK
	INDICATING LAMP (A-AMBER, B-BLUE, G-GREEN, R-RED)
	LIMIT SWITCH CONTACT
	MCB
	MCCB / MPCB
	NC CONTACT OF CONTACTOR
	NO CONTACT OF CONTACTOR
	NO CONTACT OF TIMER
	OFF DELAY TIMER
	POWER / AUX. CONTACTOR
	SWITCH
	TERMINALS IN LOCAL
	TERMINALS IN SB CP
	TERMINALS IN SB MCC

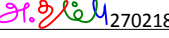
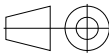
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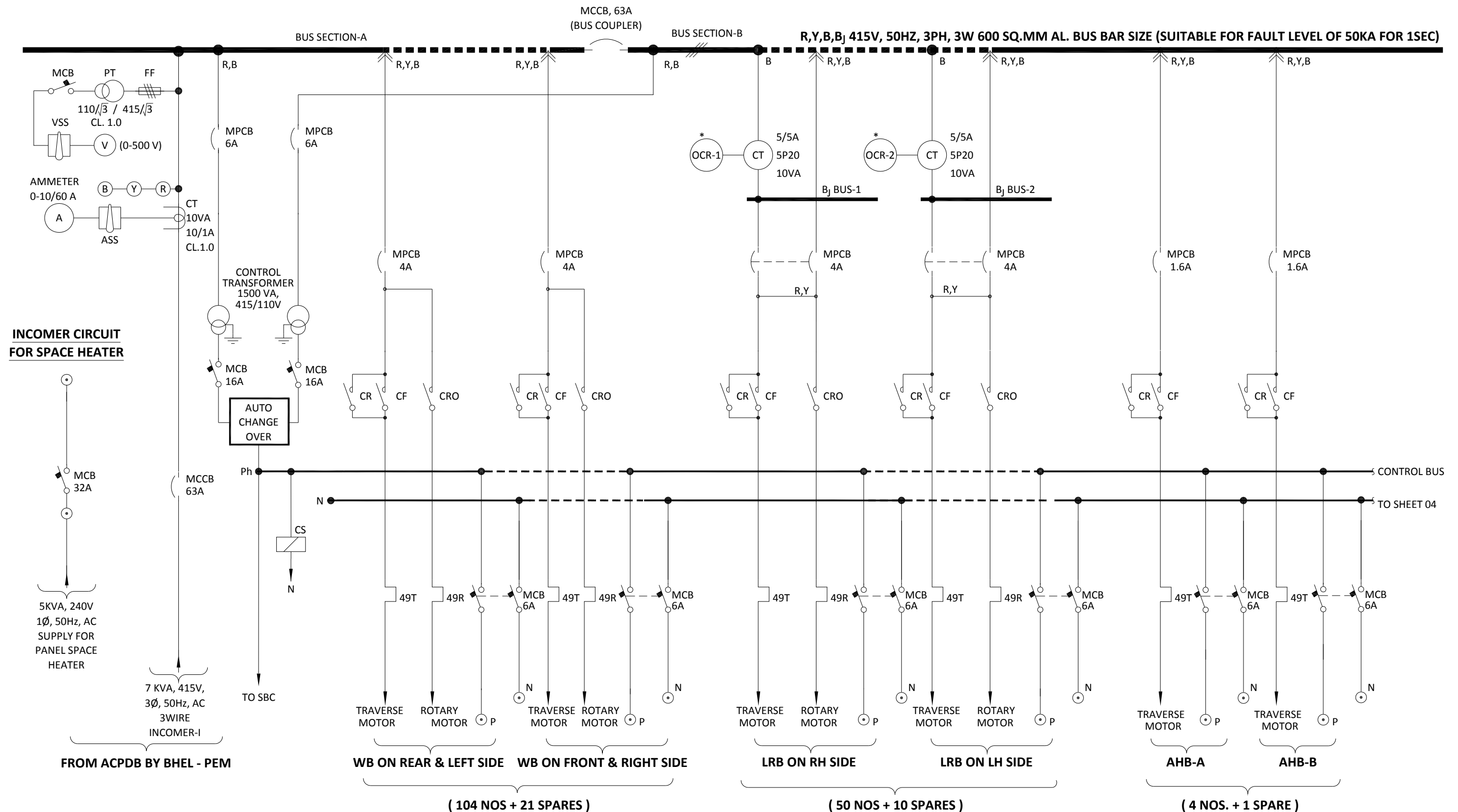
- ALL CONTROL TERMINALS WILL BE SUITABLE FOR RECEIVING ATLEAST 2 NOS. OF 2.5 SQ.MM. COPPER WIRE ON EACH SIDE.
- OUTGOING POWER TERMINALS SHALL BE SUITABLE FOR RECEIVING 6 SQ.MM. COPPER WIRE.
- CIRCUIT IS DRAWN FOR INITIAL CONDITIONS.
- EQUIPMENT SHOWN INSIDE DOTTED LINES ARE AT LOCAL.
- INTER COMPARTMENT LOOPING TO BE DONE BY MCC SUPPLIER
- LOCAL START AND RETRACT PUSH BUTTONS ARE MOUNTED ON THE BLOWER TERMINAL BOX AS AN INTEGRAL PORTION OF WALL, LR & AH BLOWER.
- SBMCC INCOMER CAN RECEIVE MAXIMUM SIZE OF 3C X 10 SQ.MM (AL) POWER CABLE.
- CONTROL SUPPLY TRANSFORMER SHALL BE 2x100% FOR EACH BUS SECTION.

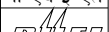
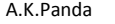
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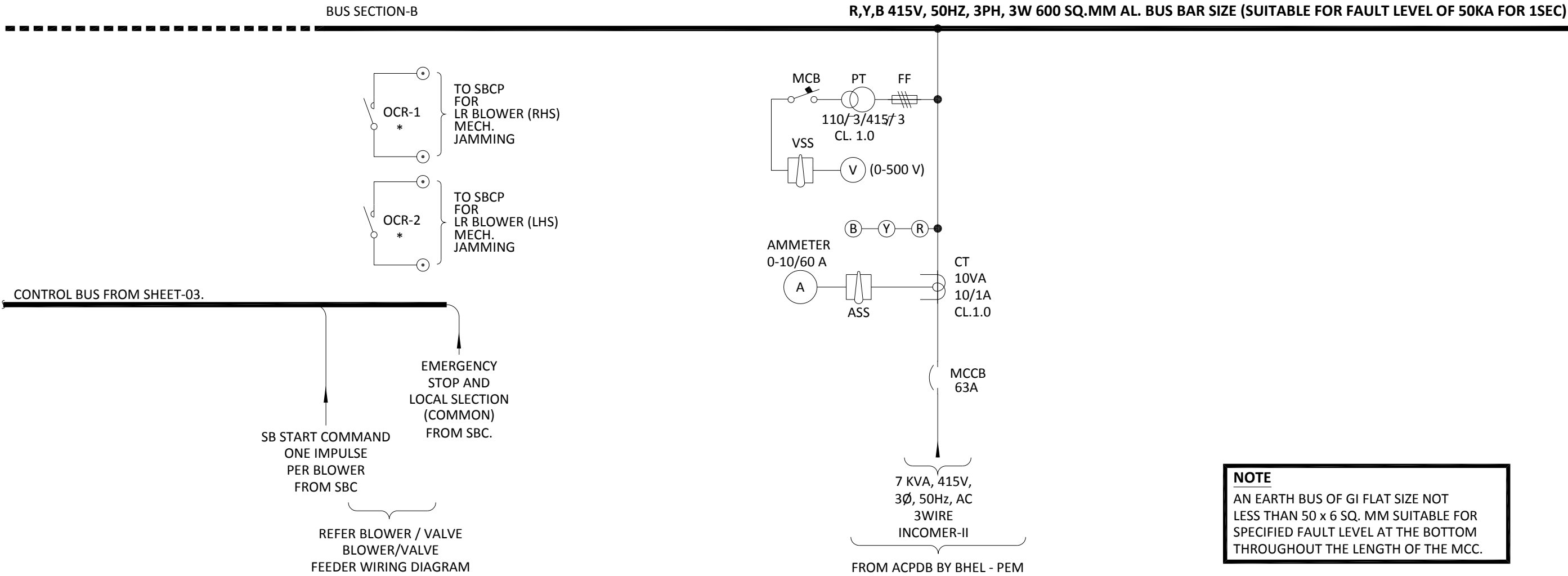

TIRUCHIRAPPALLI
DEPT. : C & I
CODE : 392

TELANGANA STATE POWER GENERATION CORPORATION LTD.
YADADRI THERMAL POWER STATION
5 x 800 MW, NALGONDA, Cust. No. 1823 to 1827
TITLE
SOOT BLOWER
SINGLE LINE DIAGRAM-NOTES

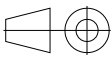
DRN.	NAME	SIGNATURE	DATE	SCALE
CHD.	A.ThambuRaj		27-02-18	
APPD.	SR / KB		27-02-18	NTS
	A.K.Panda		27-02-18	
SHEET NO.	DRAWING NO:		REV	
02/15		3-96-186-15785	00	

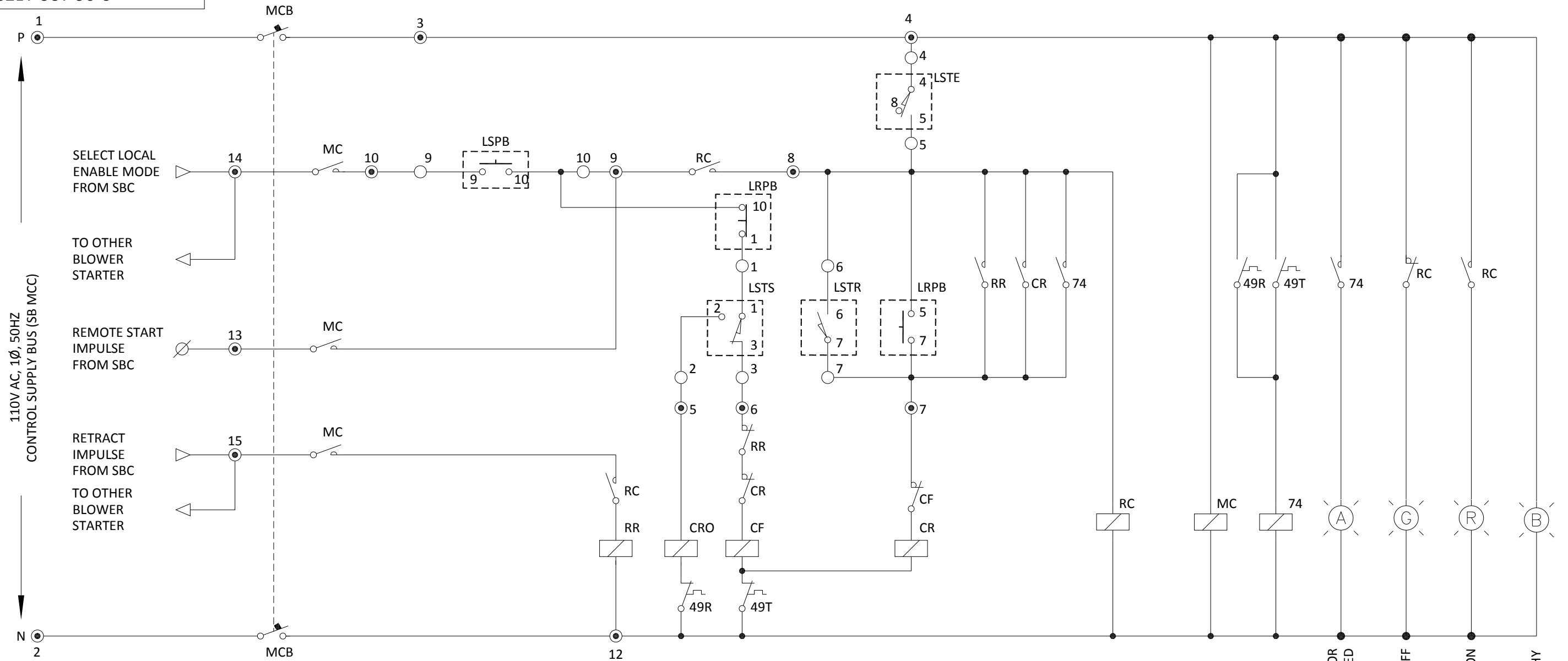


REV	DATE	ALTERED :	बी एच ई एल 	TELANGANA STATE POWER GENERATION CORPORATION LTD.	DRN.	NAME A. ThambuRaj	SIGNATURE 	DATE 27-02-18	SCALE	
		CHD./APPD. :			CHD.	SR / KB		27-02-18		NTS
					APPD.	A.K.Panda		27-02-18		
			TIRUCHIRAPPALLI	5 x 800 MW, NALGONDA, Cust. No. 1823 to 1827	SHEET NO.		DRAWING NO:		REV	
			DEPT. : C & I		03/15		3-96-186-15786			00
			CODE : 392				TITLE SOOT BLOWER SINGLE LINE DIAGRAM			



DESCRIPTION	INCOMER FOR SPACE HEATER	INCOMER-I	INCOMER-II	WALL BLOWERS		LR BLOWERS		AH BLOWER
FEEDER NO. DETAILS	1	1	1	104 + 20 SPARES		50 + 10 SPARES		4 NOS. + 1 SPARE
DRIVE DETAILS	-	-	-	TRAVERSE	ROTARY	TRAVERSE	ROTARY	
MOTOR CAPACITY IN KW	5.0 KVA	7.0 KVA	7.0 KVA	0.56	0.09	0.56	0.736	0.18
FULL LOAD CURRENT IN AMPS	-	-	-	1.36	0.64	1.4	1.65	0.56
O/L RELAY RANGE IN AMPS	-	-	-	0.9-1.5	0.45-0.75	0.9-1.5	1.0-2.0	0.45-0.75
MCCB/MPCB IN AMPS	32A	63A	63A	4A	4A	4A	4A	1.6A
POWER CONTACTOR	-	-	-	16	16	16	16	16
FUSE RATING IN AMPS PF/FF	-	-	-	-	-	-	-	-
CABLE SIZE	3CX6SQ.MM(AL) PC	3CX10SQ.MM(AL) PC	3CX10SQ.MM(AL) PC	3CX2.5SQ.MM(CU) PC (FROM SBMCC TO BLOWER INTEGRAL JB) 9CX2.5SQMM(CU) CC (FROM SBMCC TO BLOWER INTEGRAL JB) 8PX0.5SQ.MM MSC (FROM SBMCC TO SBCP)		3CX2.5SQ.MM(CU) PC (FROM SBMCC TO BLOWER INTEGRAL JB) 7CX2.5SQMM(CU) CC (FROM SBMCC TO BLOWER INTEGRAL JB) 8PX0.5SQ.MM MSC (FROM SBMCC TO SBCP)		3CX2.5SQ.MM(CU) PC (FROM SBMCC TO BLOWER INTEGRAL JB) 9CX2.5SQMM(CU) CC (FROM SBMCC TO BLOWER INTEGRAL JB) 8PX0.5SQ.MM MSC (FROM SBMCC TO SBCP)

REV DATE ALTERED : CHD./APPD. :			बी एच ई एल BHEL TIRUCHIRAPPALLI DEPT. : C & I CODE : 392	TELANGANA STATE POWER GENERATION CORPORATION LTD. YADADRI THERMAL POWER STATION 5 x 800 MW, NALGONDA, Cust. No. 1823 to 1827 TITLE SOOT BLOWER SINGLE LINE DIAGRAM		DRN.	NAME	SIGNATURE	DATE	SCALE	
						CHD.	SR / KB		27-02-18		NTS
						APPD.	A.K.Panda		27-02-18		
						SHEET NO.		DRAWING NO:		REV	
						04/15		3-96-186-15787		00	



WRITE UP ON OPERATION OF WALL BLOWERS

There are 3 limit switches (LSTS, LSTE & LSTR) and two motors (traverse & rotory). At a time only one motion will take place. When an impulse is given for the blower start, the forward motion Starts. LSTE contact (4, 5) gets closed when the blower leaves home position and this extends the 110V control supply voltage to forward contactor. When the blower reaches its full forward position , it actuates limit switch LSTS to position (1, 2). This stops the traverse motor and energise the rotary motor. When the blower completes its rotary motion, it actuates limit switch LSTR position (6, 7). This gives an impulse for the blower to retract by energising the reverse contactor in the starter. As soon as the blower leaves the forward end position, LSTS resets to position (1, 3) and rotary motor is tripped. Reverse contactor seals through its own contact after LSTR is reset and blower continues to retract. When it reaches its home position, it resets limit switch LSTE and blower stops.

NOTE

- LIMIT SWITCHES & PUSH BUTTONS ARE PART OF BLOWER.
- CONTROL SCHEME DIAGRAM SHOWN FOR ONE WALL BLOWER TYPICAL FOR OTHER WALL BLOWERS.

LIMIT SWITCH CONTACT DEVELOPMENT

CONTACT	POSITION	HOME	INTER MEDIATE	FORWARD END
LSTS	1-2	-	-	X
	1-3	X	X	-
LSTE	4-5	-	X	X
	4-8	X	-	-
LSTR	6-7	-	-	MAKES AFTER 1 Rev.

X CONTACT CLOSED, - CONTACT OPEN

REV	DATE	ALTERED :
		CHD./APPD. :



TIRUCHIRAPPALLI

DEPT. : C & I

CODE : 392

TELANGANA STATE POWER GENERATION CORPORATION LTD.
YADADRI THERMAL POWER STATION
5 x 800 MW, NALGONDA, Cust. No. 1823 to 1827

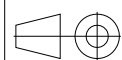
TITLE

WALL BLOWER
CONTROL SCHEME DIAGRAM

DRN.	NAME	SIGNATURE	DATE	SCALE
CHD.	A.ThambuRaj		27-02-18	NTS
APPD.	A.K.Panda		27-02-18	

SHEET
NO.

05/15

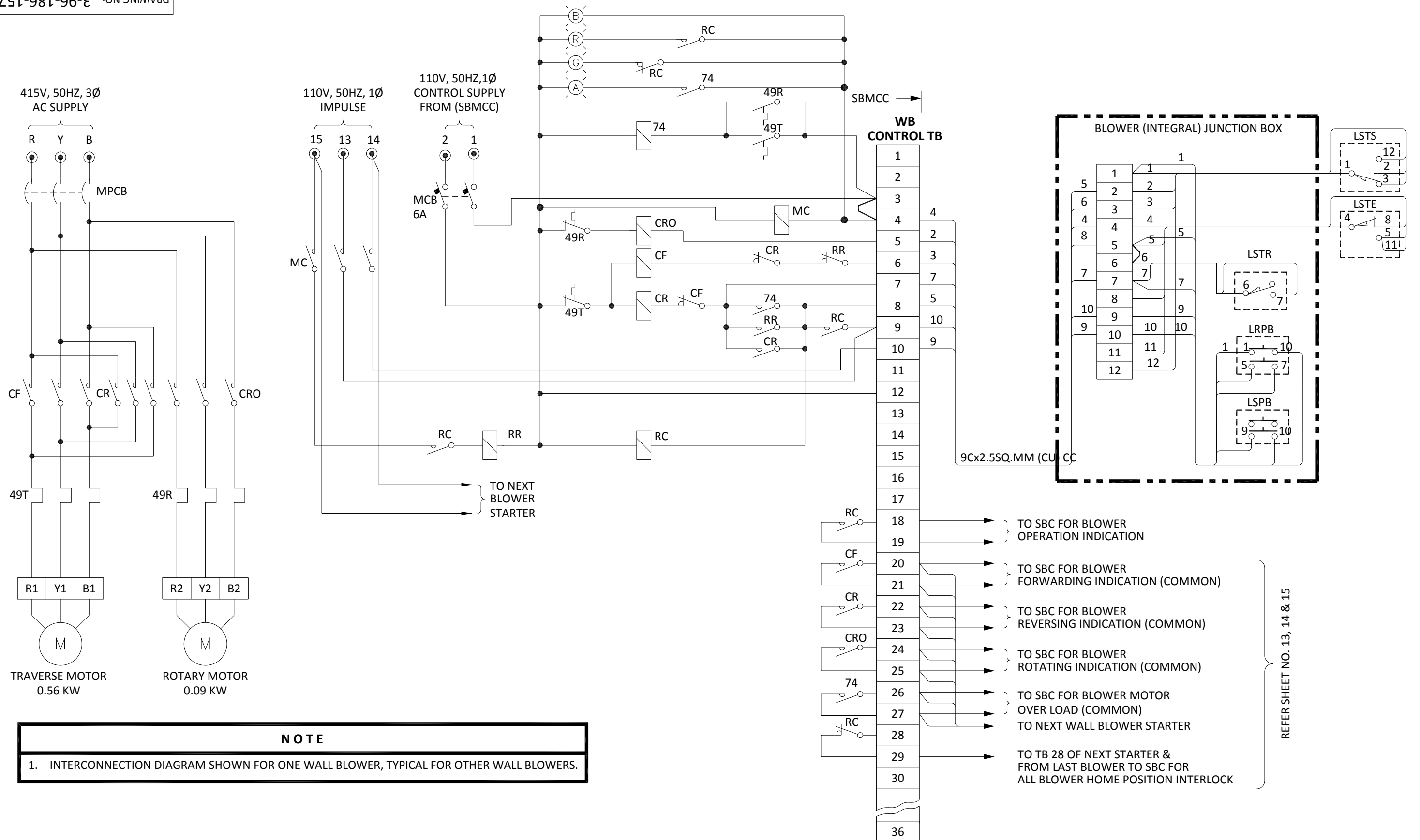


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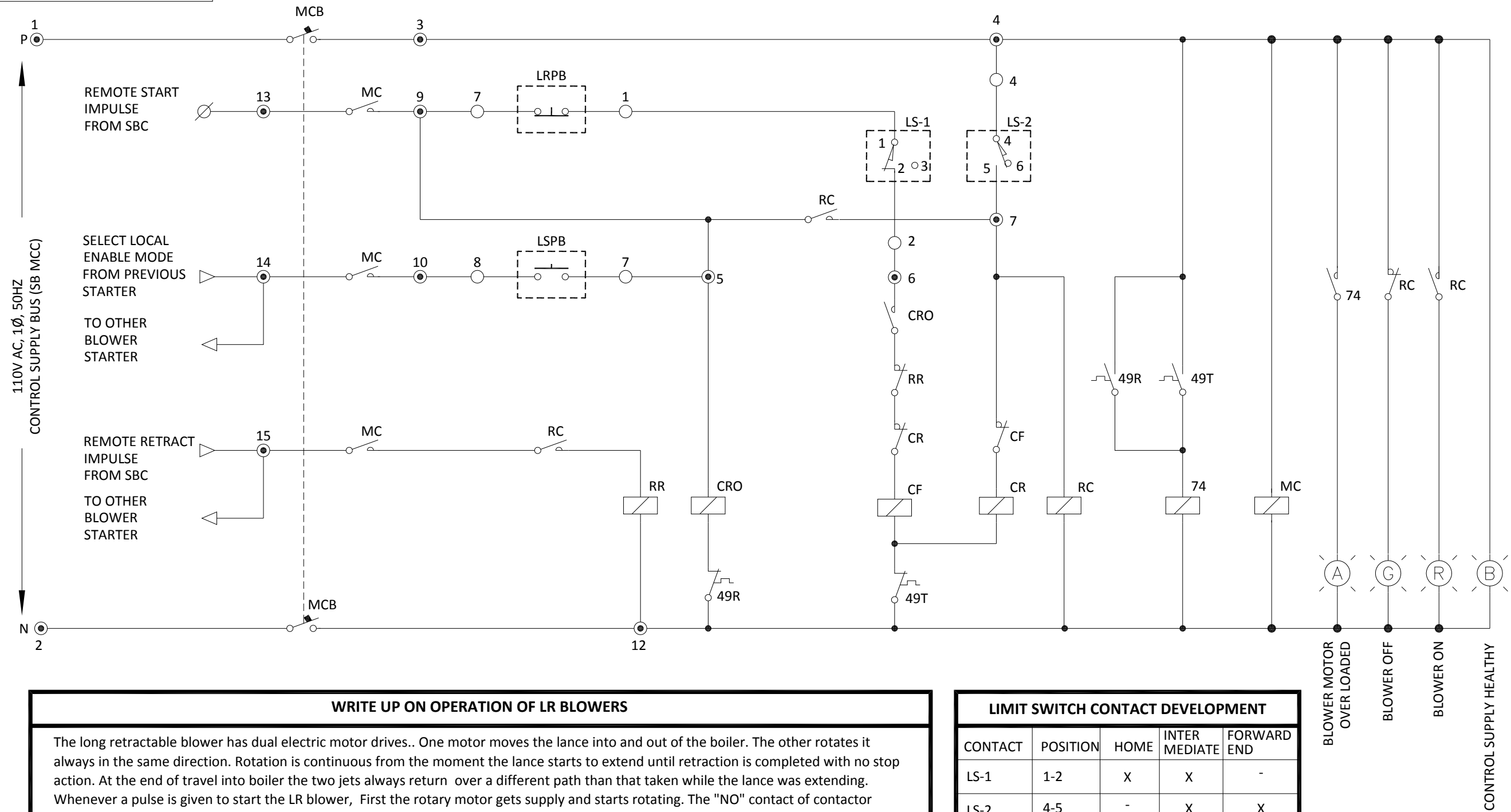
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			बी एच ई एल BHEL	TELANGANA STATE POWER GENERATION CORPORATION LTD. YADADRI THERMAL POWER STATION 5 x 800 MW, NALGONDA, Cust. No. 1823 to 1827	DRN.	NAME A. Thambu Raj	SIGNATURE  270218	DATE 27-02-18	SCALE	
REV	DATE	ALTERED : CHD./APPD. :			CHD.	SR / KB		27-02-18		NTS
					APPD.	A.K.Panda		27-02-18		
				TIRUCHIRAPPALLI	SHEET NO. 06/15		DRAWING NO:		REV	
				DEPT. : C & I			3-96-186-15789			
				CODE : 392				00		



WRITE UP ON OPERATION OF LR BLOWERS

The long retractable blower has dual electric motor drives.. One motor moves the lance into and out of the boiler. The other rotates it always in the same direction. Rotation is continuous from the moment the lance starts to extend until retraction is completed with no stop action. At the end of travel into boiler the two jets always return over a different path than that taken while the lance was extending. Whenever a pulse is given to start the LR blower, First the rotary motor gets supply and starts rotating. The "NO" contact of contactor "CRO" for rotary motor closes and the traverse motor starts and holds through limit switches LS-2 (4,5). The blower moves forward. At the end of the forward motion limit switch LS-1 opens (contacts 1,2) and the blower retracts. When the blower reaches the home position limit switch LS-2 (contact 4,5) opens and the blower stops.

NOTE

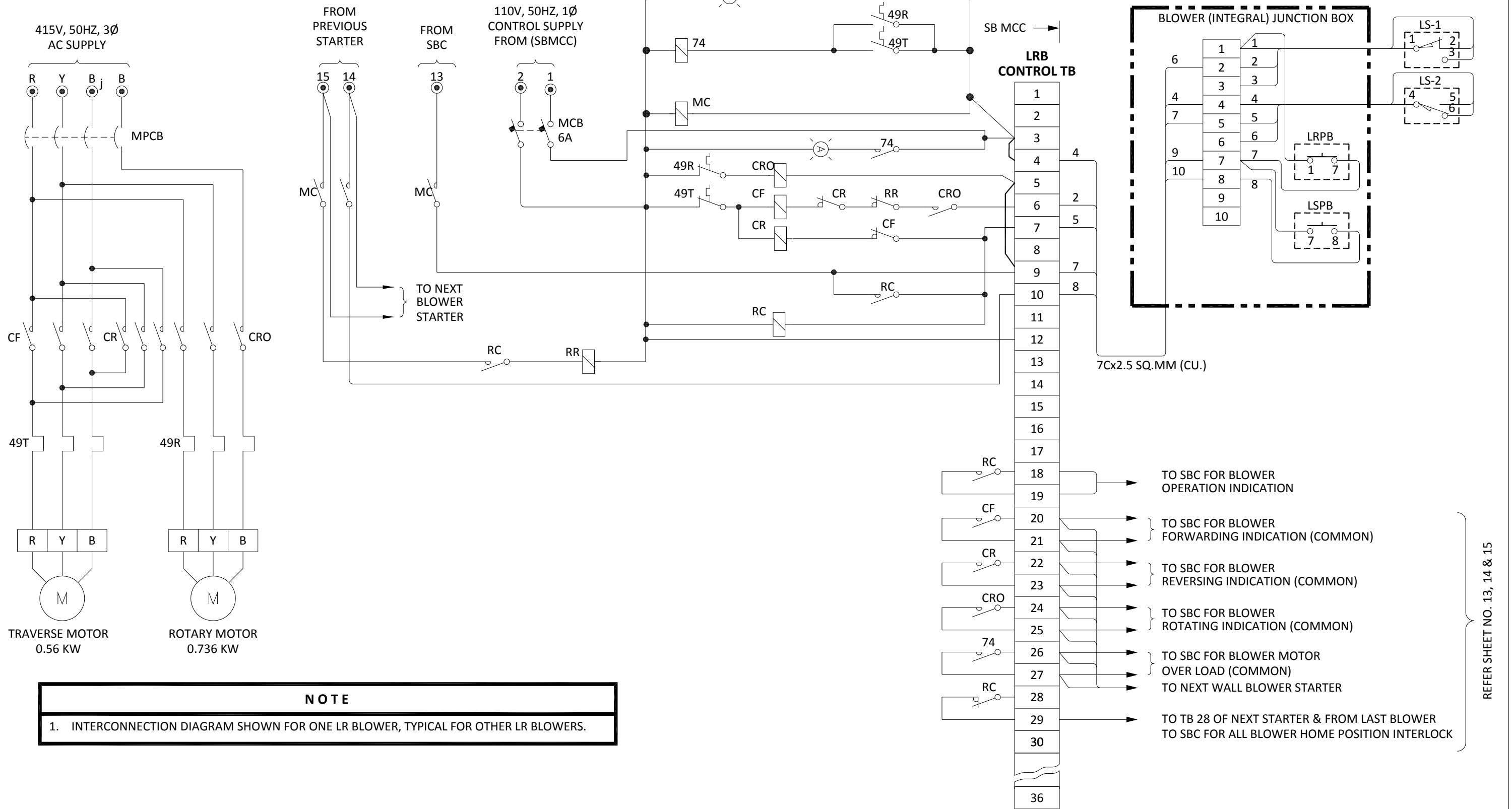
1. LIMIT SWITCHES & PUSH BUTTONS ARE PART OF BLOWER.
2. CONTROL SCHEME DIAGRAM SHOWN FOR ONE LR BLOWER, TYPICAL FOR OTHER LR BLOWERS.

LIMIT SWITCH CONTACT DEVELOPMENT

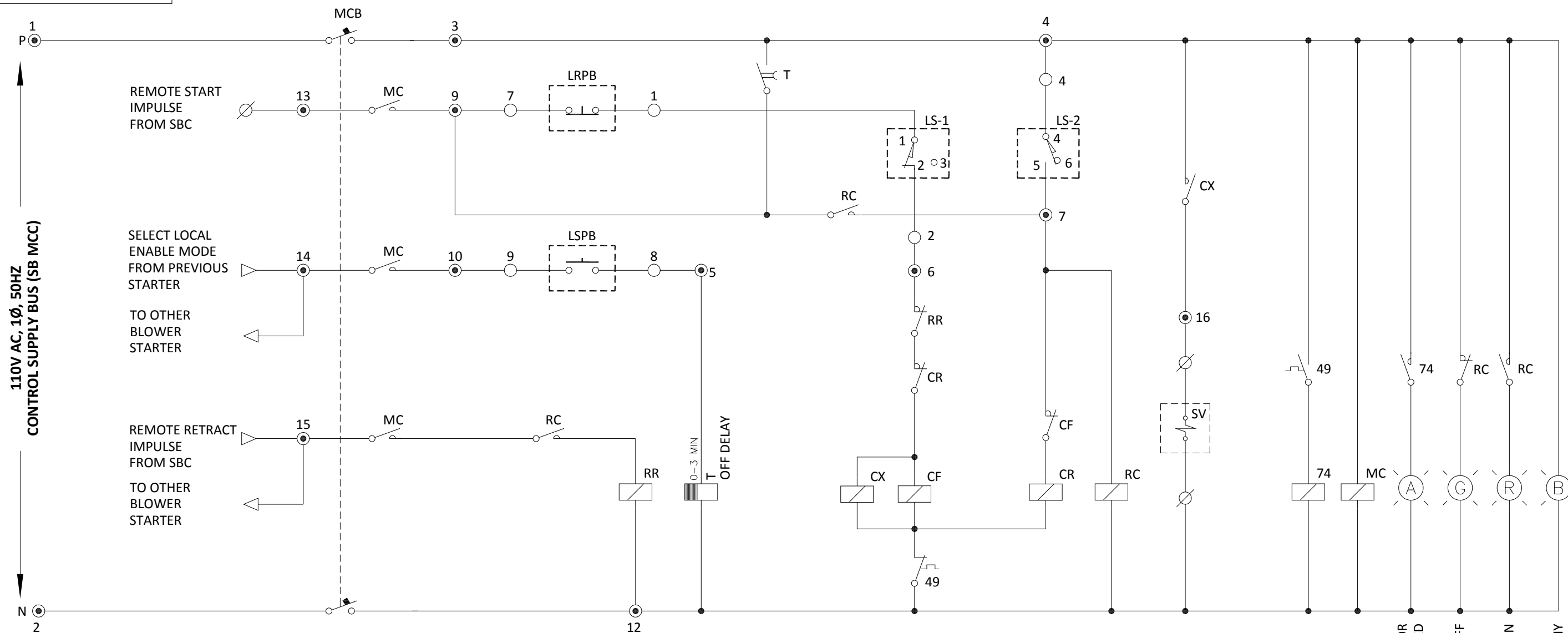
CONTACT	POSITION	HOME	INTER MEDIATE	FORWARD END
LS-1	1-2	X	X	-
LS-2	4-5	-	X	X
	4-6	X	-	-

X CONTACT CLOSED, - CONTACT OPEN

REV	DATE	ALTERED : CHD./APPD. :	 TIRUCHIRAPPALLI	TELANGANA STATE POWER GENERATION CORPORATION LTD. YADADRI THERMAL POWER STATION 5 x 800 MW, NALGONDA, Cust. No. 1823 to 1827	DRN.	NAME A.ThambuRaj	SIGNATURE 	DATE 27-02-18	SCALE NTS
					CHD.	SR / KB		27-02-18	
					APPD.	A.K.Panda		27-02-18	
					SHEET NO.	DRAWING NO: 3-96-186-15790		07/15	REV 00



REV	DATE	ALTERED : CHD./APPD. :	वी एच ई एल BL/EL TIRUCHIRAPPALLI DEPT. : C & I CODE : 392	TELANGANA STATE POWER GENERATION CORPORATION LTD. YADADRI THERMAL POWER STATION 5 x 800 MW, NALGONDA, Cust. No. 1823 to 1827 TITLE LONG RETRACTABLE BLOWER INTERCONNECTION DIAGRAM	DRN.	NAME A.ThambuRaj	SIGNATURE 	DATE 27-02-18	SCALE
					CHD.	SR / KB		27-02-18	NTS
					APPD.	A.K.Panda		27-02-18	
					SHEET NO.	DRAWING NO: 3-96-186-15791		08/15	REV 00



WRITE UP ON OPERATION OF AH BLOWERS.

The retractable Air heater blower has an electric motor drive. The motor moves the lance into and out of the boiler whenever a pulse is given to start the AH blower, the blower moves forward. The limit switch LS-2 (contact 4,5) closes as soon as the blower starts moving, at the end of the forward motion, limit switch LS-1 opens (contacts 1,2) and the blower retracts. When the blower reaches the home position, the limit switch LS-2 (contact 4,5) opens and (4,6) closes and the blower stops, At any time blower can be retracted by pressing retract push button from remote pushbutton or local retract push button from the field. Steam blowing is enabled through solenoid operated valve. Solenoid is operated during the forward motion only. There is no blowing during reverse motion. Off delay timer (0-3min) is envisaged to ensure the availability of start command during local enable mode operation from LSPB. The limit switch LS-2 takes longer time to make after the start command is provided to the blower because of the inertia of AH blower. Hence a timer is required to hold the control supply till LS-2 actuates.

LIMIT SWITCH CONTACT DEVELOPMENT

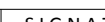
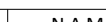
CONTACT	POSITION	HOME	INTER MEDIATE	FORWARD
LS-1	1-2	X	X	-
LS-2	4-5	-	X	X
	4-6	X	-	-
X CONTACT CLOSED, - CONTACT OPEN				

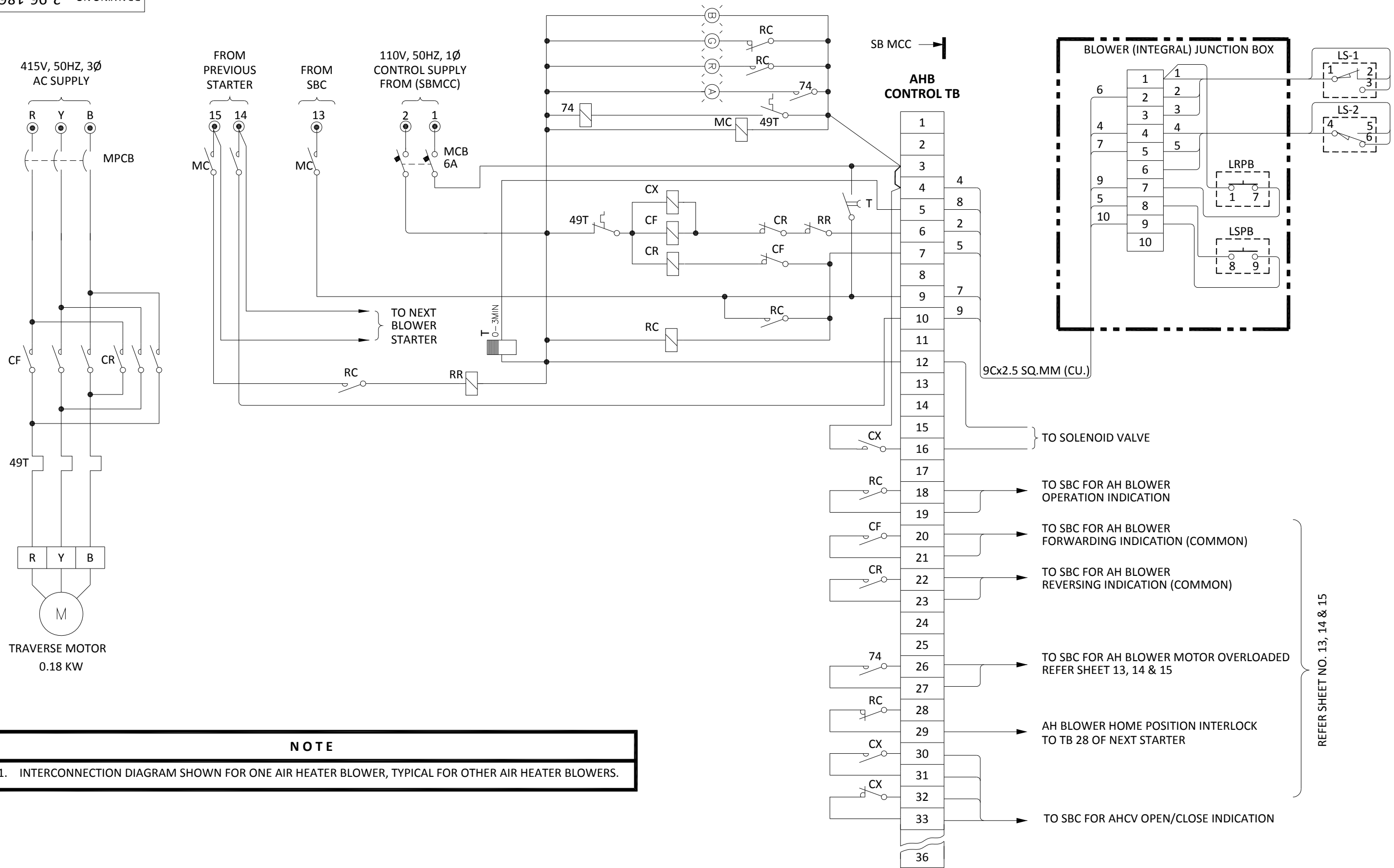
X CONTACT CLOSED, - CONTACT OPEN

NOTE

1. SOLENOID VALVE (SV) IS SUPPLIED BY BHEL AT FIELD.
2. LIMIT SWITCHES & PUSHBUTTONS ARE PART OF BLOWER.
3. CONTROL SCHEME DIAGRAM SHOWN FOR ONE AH BLOWER, TYPICAL FOR OTHER AH BLOWERS.

REV	DATE	ALTERED :
		CHD./APPD. :

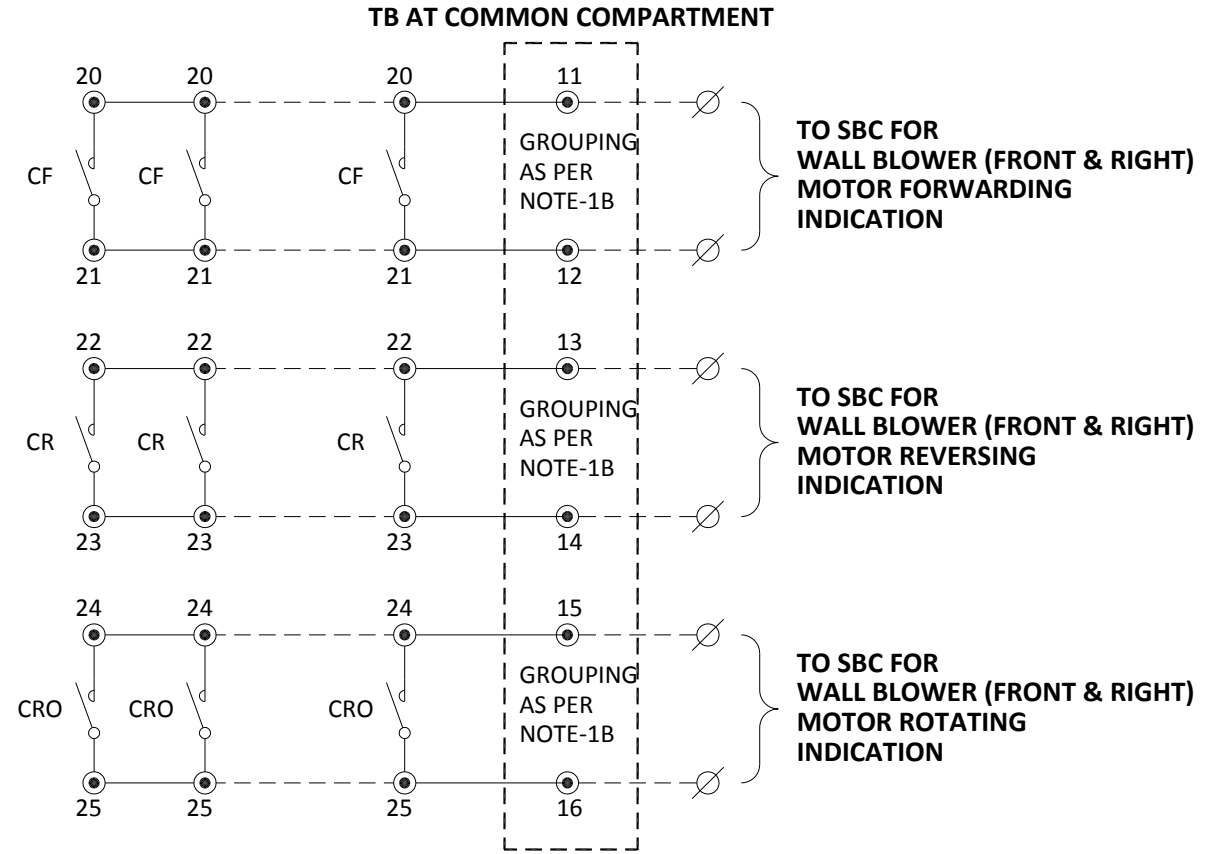
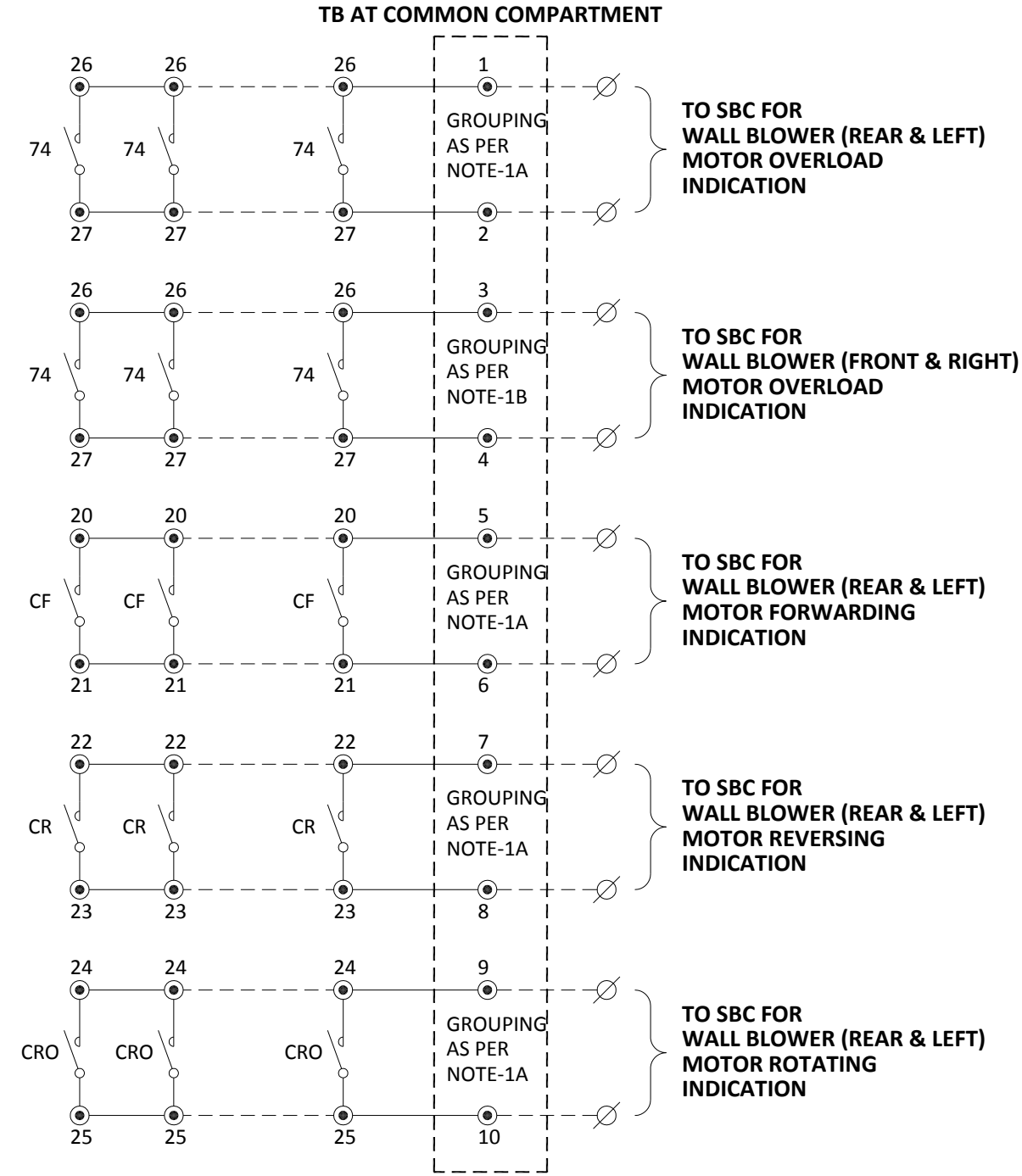
 TIRUCHIRAPPALLI	TELANGANA STATE POWER GENERATION CORPORATION LTD. YADADRI THERMAL POWER STATION 5 x 800 MW, NALGONDA, Cust. No. 1823 to 1827		D R N. A. Thambu Raj	NAME A. Thambu Raj	SIGNATURE  270218	DATE 27-02-18	SCALE
			C H D. SR / KB			27-02-18	NTS
			A P P D. A.K.Panda			27-02-18	
DEPT. : C & I CODE : 392	TITLE AIR HEATER BLOWER CONTROL SCHEME DIAGRAM		SHEET NO. 09/15		DRAWING NO: 3-96-186-15792		REV 00



NOTE

1. INTERCONNECTION DIAGRAM SHOWN FOR ONE AIR HEATER BLOWER, TYPICAL FOR OTHER AIR HEATER BLOWERS.

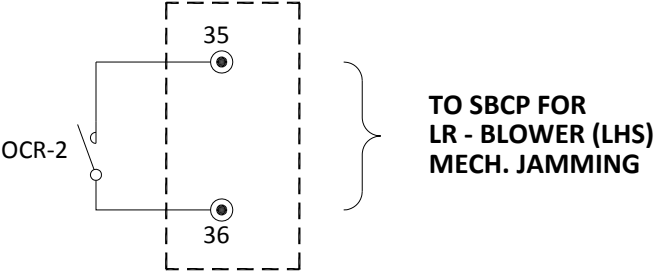
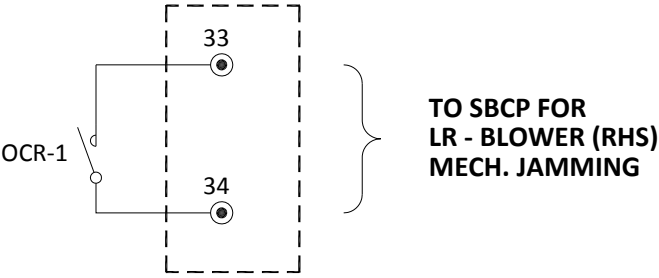
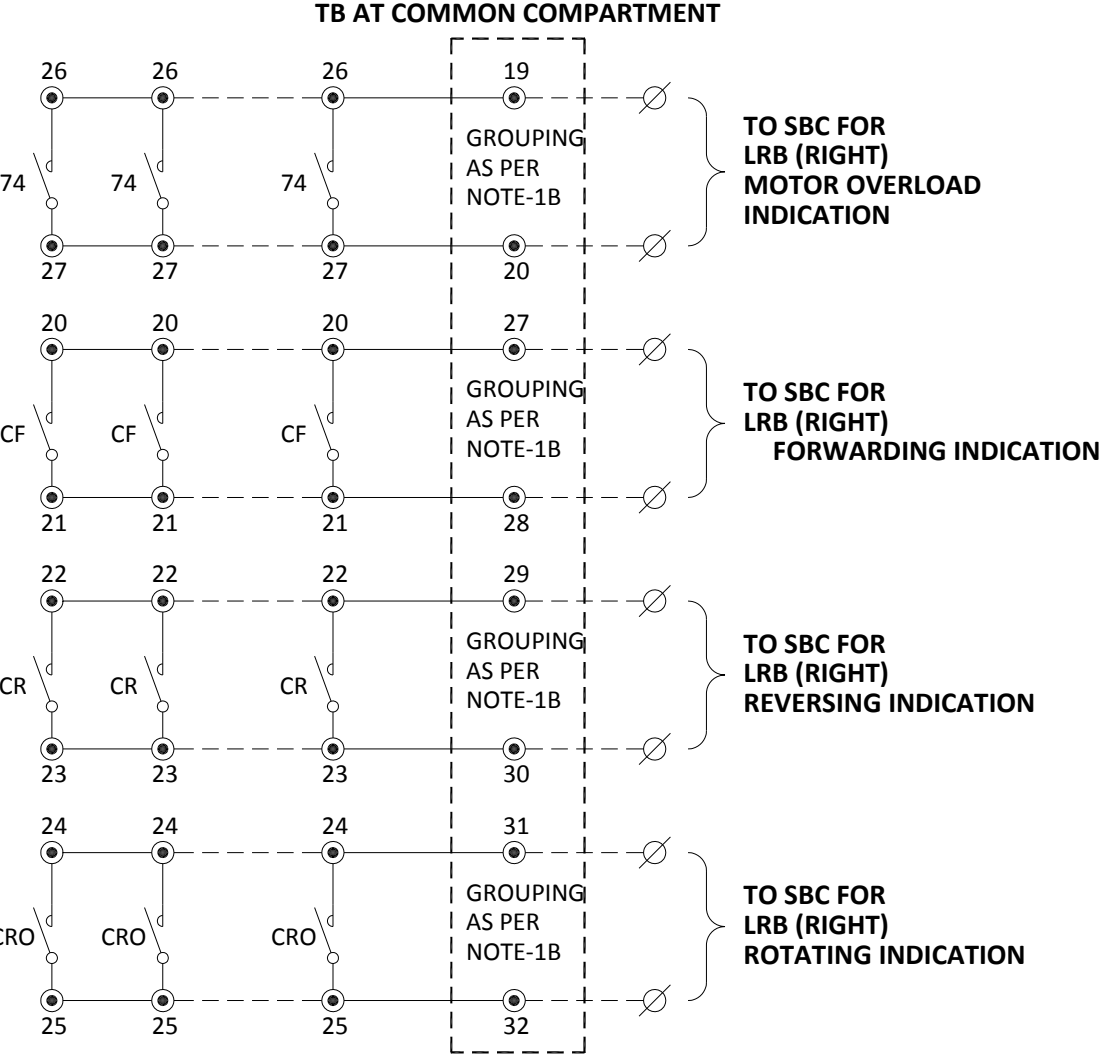
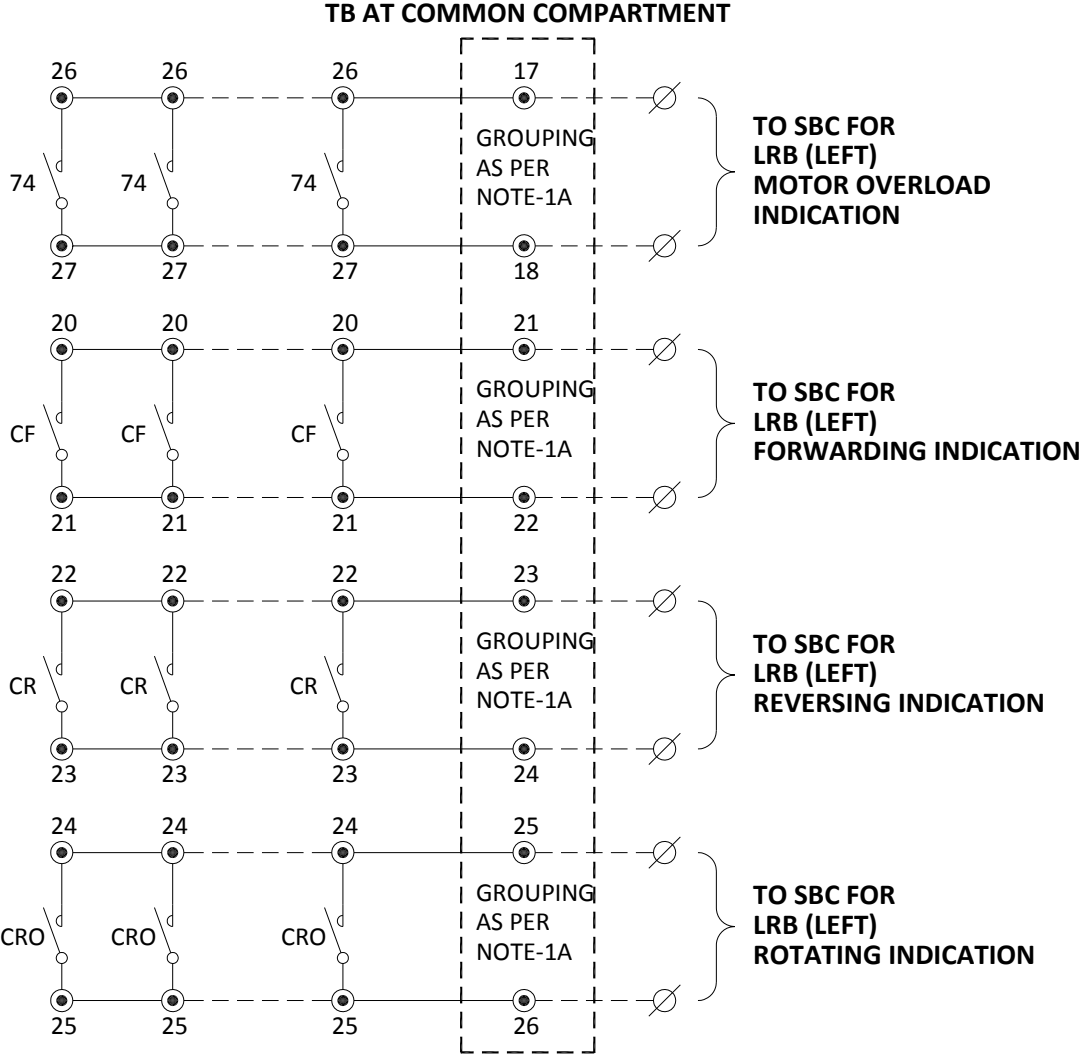
REV	DATE	ALTERED :	बी एच ई एल 	TELANGANA STATE POWER GENERATION CORPORATION LTD. YADADRI THERMAL POWER STATION 5 x 800 MW, NALGONDA, Cust. No. 1823 to 1827	DRN.	NAME A.ThambuRaj	SIGNATURE  270218	DATE 27-02-18	SCALE
		CHD./APPD. :			CH D.	SR / KB		27-02-18	
			TIRUCHIRAPPALLI		APPD.	A.K.Panda		27-02-18	
				DEPT. : C & I	TITLE AIR HEATER BLOWER INTERCONNECTION DIAGRAM	SHEET NO. 	DRAWING NO:		REV
				CODE : 392			3-96-186-15793		



NOTE

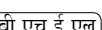
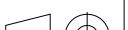
- N/O CONTACT OF CONTACTOR "74"/CF/CR/CRO OF ALL WALL BLOWER SHALL BE PARALLELED AS FOLLOWS.
 - REAR & LEFT WALL BLOWER (14 TO 26, 40 TO 52, 66 TO 78, 92 TO 104)
 - FRONT & RIGHT WALL BLOWER (1 TO 13, 27 TO 39, 53 TO 65, 79 TO 91)

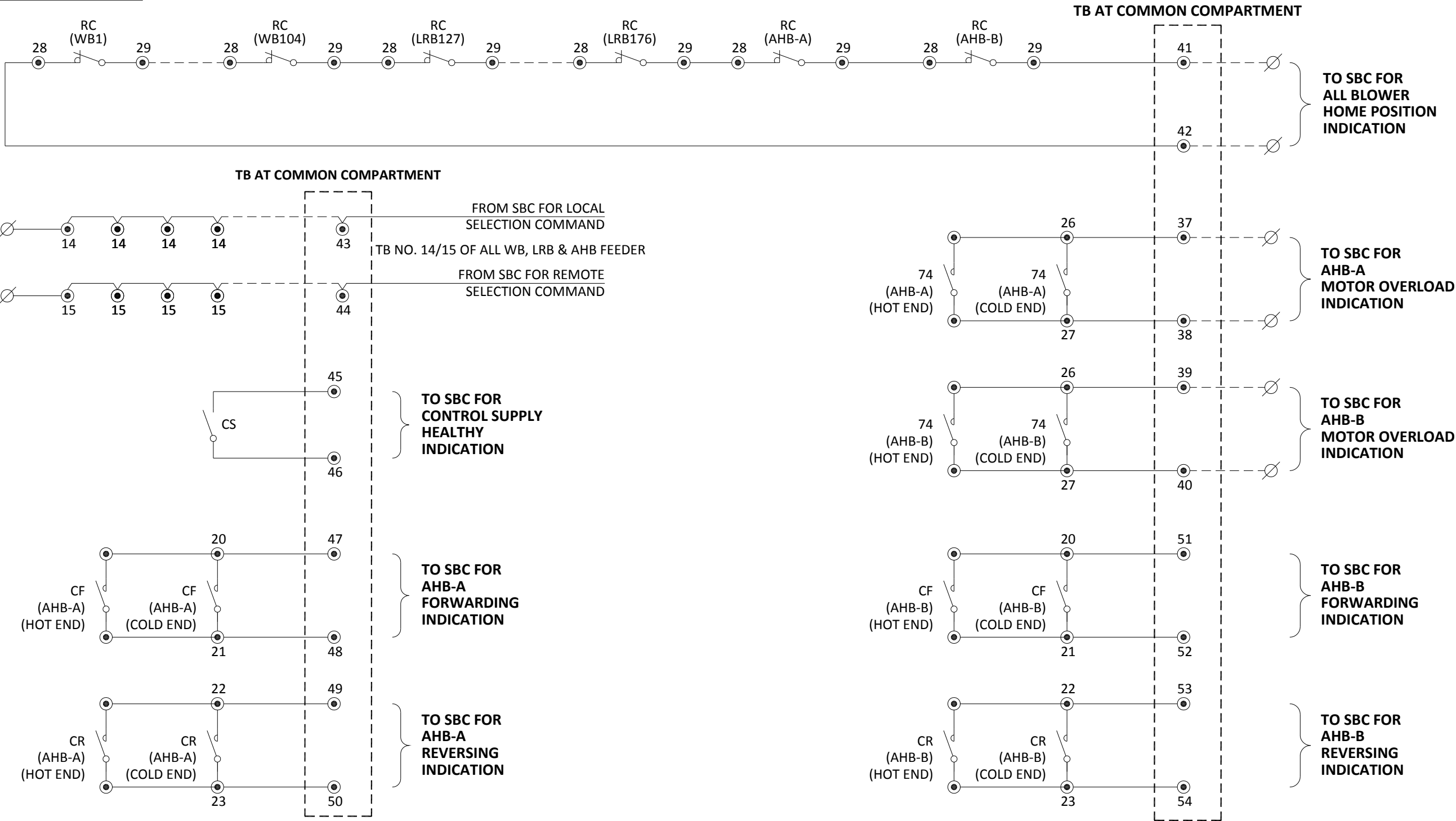
वी एच ई एल  TIRUCHIRAPPALLI			TELANGANA STATE POWER GENERATION CORPORATION LTD. YADADRI THERMAL POWER STATION 5 x 800 MW, NALGONDA, Cust. No. 1823 to 1827			DRN.	NAME A.ThambuRaj	SIGNATURE 270218	DATE 27-02-18	SCALE
REV DATE ALTERED : CHD./APPD. :						CH D.	SR / KB		27-02-18	NTS
						A P P D.	A.K.Panda		27-02-18	
			TITLE INTER COMPARTMENT WIRING DIAGRAM IN SB MCC			SHEET NO. 13/15		DRAWING NO: 3-96-186-15794		REV 00
			DEPT. : C & I CODE : 392							



NOTE

1. N/O CONTACT OF CONTACTOR "74"/CF/CR/CRO OF ALL LR BLOWER SHALL BE PARALLELED AS FOLLOWS.
A. LEFT LR BLOWER (128, 130, 132, 134, 136, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158, 160, 162, 164, 166, 168, 170, 172, 174, 176)
B. RIGHT LR BLOWER (127, 129, 131, 133, 135, 137, 139, 141, 143, 145, 147, 149, 151, 153, 155, 157, 159, 161, 163, 165, 167, 169, 171, 173, 175)

				TELANGANA STATE POWER GENERATION CORPORATION LTD. YADADRI THERMAL POWER STATION 5 x 800 MW, NALGONDA, Cust. No. 1823 to 1827	DRN.	A. ThambuRaj		DATE 27-02-18	SCALE
REV	DATE	ALTERED :	CHD.		SR / KB		27-02-18	NTS	
		CHD./APPD. :	APPD.		A.K.Panda		27-02-18		
			TIRUCHIRAPPALLI		TITLE INTER COMPARTMENT WIRING DIAGRAM IN SB MCC	SHEET NO. 14/15		DRAWING NO: 3-96-186-15795	REV 00
			DEPT. : C & I						
			CODE : 392						



NOTE

- N/O CONTACT OF CONTACTOR "74" FOR AHB STARTER SHALL BE PARALLELED AS FOLLOWS
 - AHB-A
 - AHB-B
- TB NO. 14/15 OF ALL WB, LRB & AHB SHALL BE LOOPED.
- N/C CONTACT OF "RC" CONTACTOR OF ALL WB, LRB & AHB FEEDERS SHALL BE CONNECTED IN SERIES.

REV	DATE	ALTERED :
		CHD./APPD. :



TIRUCHIRAPPALLI

DEPT. : C & I

CODE : 392

TELANGANA STATE POWER GENERATION CORPORATION LTD.
YADADRI THERMAL POWER STATION
5 x 800 MW, NALGONDA, Cust. No. 1823 to 1827

TITLE
INTER COMPARTMENT WIRING
DIAGRAM IN SB MCC

	NAME		SIGNATURE		DATE	SCALE	
DRN.	A. Thambu Raj		 270218		27-02-18		
CHD.	SR / KB				27-02-18		NTS
APPD.	A.K.Panda				27-02-18		
SHEET NO.		DRAWING NO:				REV	
15/15			3-96-186-15796				00