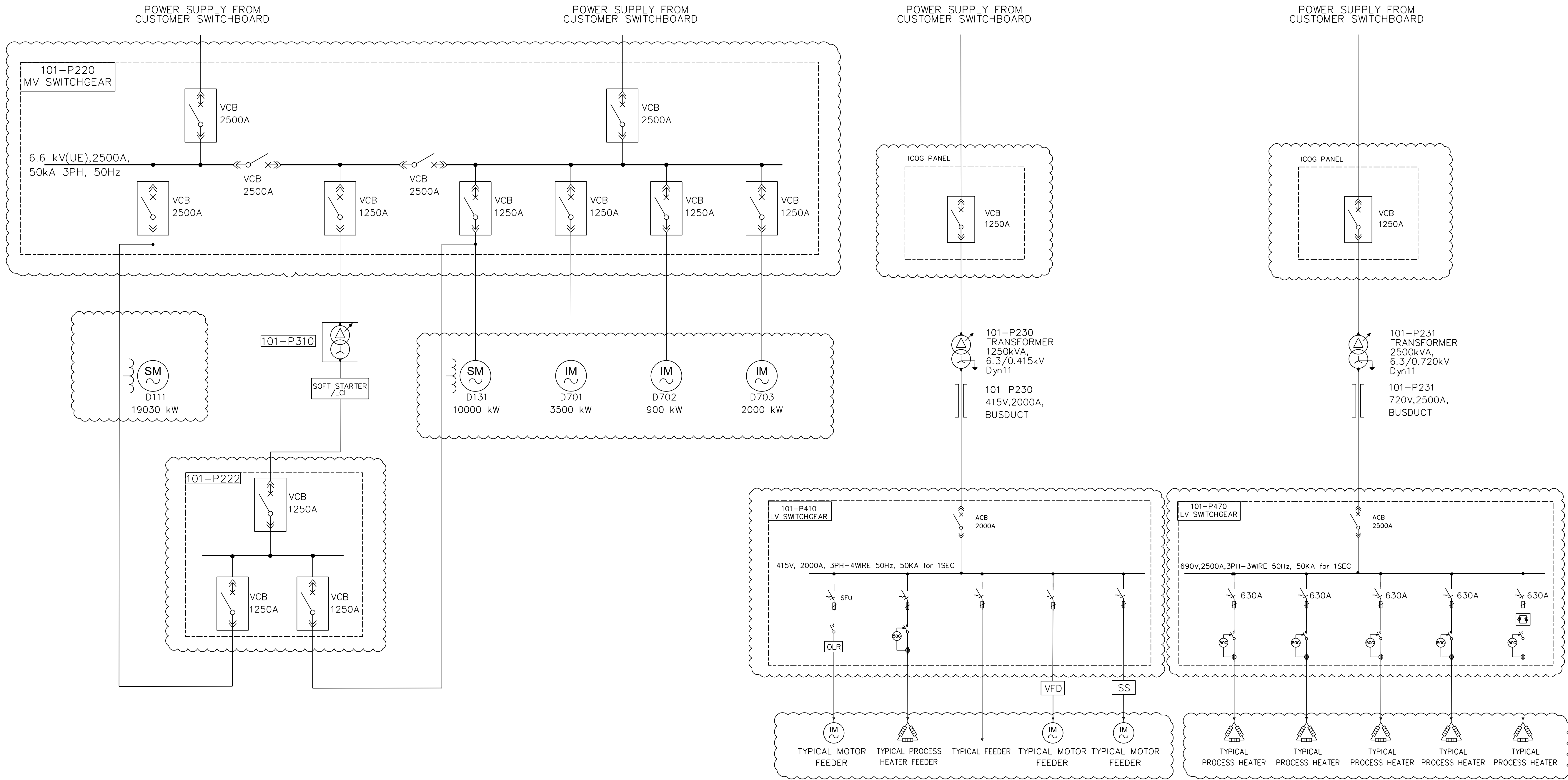


APPENDIX 12



NOTES

01. THIS SINGLE LINE DIAGRAM IS TO DESCRIBE THE POWER DISTRIBUTION PHILOSOPHY.

REFERENCE DRAWINGS/DOCUMENTS

EQUIPMENTS IN AIR PRODUCTS SCOPE

LEGEND

	MINIATURE CIRCUIT BREAKER (MCB)		FUSE WITH FRAME RATING (25A) AND FUSE RATING(16A), NO. OF POLES(3)
	CIRCUIT BREAKER		INDUCTION MOTOR
	LOAD BREAK SWITCH		CORE BALANCE CURRENT TRANSFORMER WITH RATIO (50/1) SHOWN
	CONTACTOR		CURRENT TRANSFORMER WITH RATIO (100/1) & NUMBER OF PHASES (3) SHOWN
	SWITCH FUSE UNIT (SFU)		HEATER
	MOULDED CASE CIRCUIT BREAKER (MCCB)		SPACE HEATER
	TRANSFORMER		CABLE TERMINATION
	GRID		PLUG IN CONTACTS
	SURGE ARRESTOR		SYSTEM EARTH
	BUS DUCT		CAPACITOR
	VARIABLE FEED DRIVE (VFD)		MULTI FUNCTION RELAY
	BATTERY		TRI VECTOR METER
	LV CAPACITOR		MULTI FUNCTION METER
	MV CAPACITOR		OVERLOAD RELAY
	RCBO		AMMETER
	WELDING SOCKET		VOLTMETER
	FULL WAVE THYRISTOR		TIMER
			AMMETER SELECTOR SWITCH
			VOLTMETER SELECTOR SWITCH
			RECTIFIER
			INSTANTANEOUS SENSITIVE EARTHFALT RELAY

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TITLE	OWNER GROUP	USED ON
KEY	ELECTRICAL DESIGN	50034819
SINGLE LINE DIAGRAM	RELEASE PURPOSE	FOR ESTIMATE
PROJECT KENT	REFERENCE	
0A40	DOC No	50034819-ELE-ES601-001
	SCALE	SHEET