



Core 1:500/1A, 5P20, -VA
 Core 2:500/1A, 5P20(0.2),-VA
 Core 3:500/1A, 0.2S, -VA
 Core 4:500/1A, 5P20, -VA

66/0.11/0.11kV
 S3 S3 S3
 0.2/3P(0.5)
 -/-VA

LEGEND:
 FF: FUSE FAILURE
 MCB: MINIATURE CIRCUIT BREAKER

NOTES
 1. THIS DRAWING IS FOR BIDDING PURPOSES ONLY
 2. FINAL EQUIPMENT NOMENCLATURE WILL BE PROVIDED AT A LATER STAGE
 3. THE BURDEN OF CTs AND CVT/VTs SHALL BE FINALIZED DURING DETAILED DESIGN
 4. THE MAIN AND AUXILIARY TRANSFORMERS SHALL HAVE BUSHING CTs AS PER THE SLD
 5. THE NUMBER OF HIGH SPEED, FLAG AND MECHANICAL RELAYS SHALL BE FINALIZED AT DETAILED DESIGN STAGE
 6. ALL RELAYS SHALL SUPPORT REDUNDANT PROTOCOL

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|----|---------------------------------|
| 94 | Self Reset Trip Relay |
| 74 | Trip Circuit Supervision, R,Y,B |
| 86 | Lockout Relay |
| 80 | DC Supervision |

DESIGNED BY: TSP	CONSULTANT/CONTRACTOR:	REVISION		PROJECT 220/66 kV BAY EXTENSION AT WERU SUBSTATION SLD	SCALE NOT TO SCALE	UNITS:	--	
		NO	DATE			DESCRIPTION	DATE:	12/05/2023
		2	20/11/23			CHANGE OF TX RATING	DRAWING NO:	XX/XXX/XXX
		PRESENTED BY:	TSP				SHEET NO:	000