



- NOTES:
- ARC WILL USE A MINIMUM OF TWO (2) INCOMING/OUTPUTTING TRANSMISSION LINES AS OFFSITE POWER CIRCUITS. THE SWITCHYARD WILL BE CAPABLE OF HANDLING THE 100 MWE/125 MVA PLANT OUTPUT.
  - THE SWITCHYARD VOLTAGE RATING WILL BE CUSTOMER SPECIFIC. THE SWITCHYARD MAY HAVE ANY NUMBER OF TRANSMISSION LINES AT ANY VOLTAGES AT THE UTILITY'S DISCRETION; THE ARC MAIN TRANSFORMER RATED VOLTAGES WILL BE APPROPRIATELY CHANGED. A ONE AND A HALF BREAKER SCHEME IS ASSUMED BUT NOT REQUIRED.
  - RELAY HOUSE BATTERY CHARGERS AND SUPPORT POWER CAN COME FROM LOCAL SWITCHYARD TRANSFORMER, IN SWITCHYARD DIESEL GENERATOR OR AN ARC POWER FEED FROM ASSET PROTECTION DIESEL GENERATOR BUT MUST BE REDUNDANT. IF THE BREAKERS REQUIRE SUPPORT POWER, THAT POWER MUST BE REDUNDANT.

TYPICAL ARC SWITCHYARD INTERFACE

USER: \$USER\$  
PLOT: \$PLOT\$  
FILE: \$FILE\$

INCHES  
1  
2  
3  
4  
5  
6  
CENTIMETERS

REVISION APPROVAL RECORD						REVISIONS						DRAWING STATUS					
DISCIPLINE	BY	DATE	DISCIPLINE	BY	DATE	REV	DATE	CV	RY	ISSUED	REV	DATE	SDE	PEM			
ARCH.			MECHANICAL			A	12/22/22			ISSUED FOR CONCEPTUAL DESIGN							
BLDG SERVICES			PIPING			B	9/21/23			ISSUED FOR REVIEW							
CIVIL			PROCESS														
ELECTRICAL			QA / QC														
ENVIRON.			STRUCTURAL														
GEN. ARRANG.																	
I & C																	
NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED AND DATED. DESTROY ALL PRINTS BEARING EARLIER DATE AND/OR REVNO.																	

OPDD Figure No: 6.8-3



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