

Appendix 2-6

Substation and Radar Tower Drawings



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1. ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE
2. LAYOUT IS PRELIMINARY. FINAL LOCATIONS AND SELECTION OF EQUIPMENT TO BE CONFIRMED.
3. THE REQUIREMENT FOR ADDITIONAL REACTIVE POWER COMPENSATION VIA CAPACITOR BANKS IS ON-HOLD PENDING A DETAILED REACTIVE POWER STUDY.
4. ADDITIONAL SPACE HAS BEEN RESERVED ON THE WIND FARM KEY PLAN FOR THE DETAILED DESIGN PHASE OF THE PROJECT.
5. PROJECT KEY PLAN HAS ALLOCATED A SPACE OF 150m X 150m. THIS LAYOUT IS LOCATED WITHIN THAT AREA SHARING THE SAME NW CORNER.

BY: MAZE. ETHAN

SEAL:		PROJECT: SEVEN STARS ENERGY PROJECT				
		TITLE: 34.5-230 kV SUBSTATION ELECTRICAL LAYOUT PRELIMINARY				
		DESIGNED BY: E MAZE		DRAFTED BY: E MAZE		
		VERIFIED BY: A HO		APPROVED BY: Y. BETOURNAY		
		SCALE: 1:300		DATE: 2025-01-22		
		DRAWING No.: 7431003-000000-47-D20-0004		SHEET: 01	SIZE: A1	REV. AA

SITE LAYOUT
WITH BACKUP GENERATOR

NOTES:

1. DENOTES EQUIPMENT GROUNDING

2. DIMENSIONS THIS SHEET ARE METERS [FEET-INCHES]

3. THE SITE LAYOUT ON THIS SHEET INCLUDES THE OPTIONAL BACK-UP POWER GEN-SET.

4. SKID WEIGHT - 750 LBS

5. ROAD ACCESS TO ADLS SITE (BY CLIENT) IS REQUIRED.

6. TOWER DETAIL AS SHOWN ON THIS SHEET IS FOR REFERENCE ONLY AND SUBJECT TO CHANGE BASED ON SOIL SAMPLES ON SITE. TOWER VENDOR WILL PROVIDE ALL TOWER FOUNDATION, GROUNDING AND ERECTION DETAILS.

7. CLIENT PROVIDED FENCING TO BE INSTALLED AFTER SYSTEM INSTALLATION. *SEE SHEET 6 FOR AN EXAMPLE FENCING TYPE.

8. FENCING CONTRACTOR TO ENSURE MINIMUM CLEARANCE DIMENSIONS SHOWN ABOVE ARE MAINTAINED.

9. GROUNDING GRID PROVIDED BY CLIENT

