

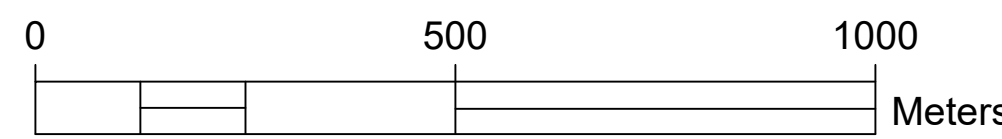
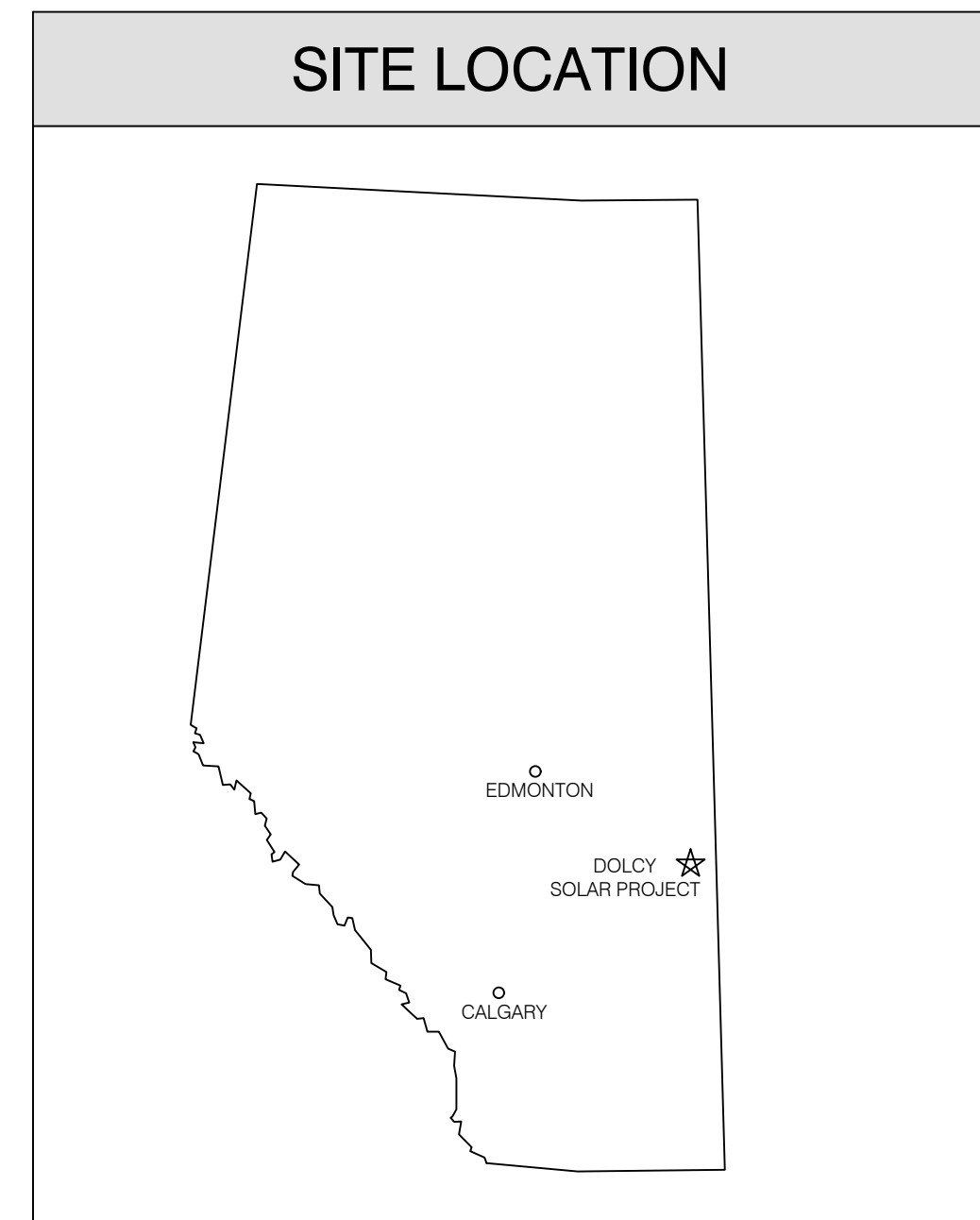
NOTES:

- TOTAL FENCED AREA: 511.1 ha
- TOTAL FENCE LENGTH: 24.7 km
- TOTAL SITE ROAD LENGTH: 21.7 km
- TOTAL AC COLLECTOR SYSTEM LENGTH: 31.0 km
- BESS SIZE: 100 MW / 200 MWh
- FOR THE PURPOSE OF THIS LAYOUT, THE GROUND COVERAGE RATIO (GCR) HAS BEEN CALCULATED AS:  

$$GCR = \frac{\text{MODULE LENGTH}}{\text{PITCH}}$$
- DIMENSIONS:
  - SUBSTATION: 150 x 150 m
  - BESS: 100 x 100 m
  - BESS O&M FACILITY: 25 x 30 m
  - TEMPORARY LAYDOWN AREAS: 100 x 100 m
- THIS LAYOUT HAS BEEN DEVELOPED BASED ON GEO-REFERENCED WETLAND AND TOPOGRAPHIC FILES PROVIDED BY THE CLIENT, ALONG WITH DEFINED BUILDABLE AREAS.
- ALL AREAS WITH > 4° SLOPE HAVE BEEN REMOVED FROM BUILDABLE AREA.
- ALL CLASS I AND II WETLANDS ARE ASSUMED BUILDABLE AREA. ALL CLASS III AND ABOVE ARE ASSUMED NON-BUILDABLE AREA.
- WETLAND SETBACK ON DAVID LAKE IS 1000 m.

PV SYSTEM	
PARAMETER	DESCRIPTION
PITCH SPACING	8.7 m
RACKING TYPE	FIXED TILT
NO. OF TABLES (2 x 25)	12,500
MODULE QUANTITY (600W)	625,000
MODULE TYPE (BIFACIAL)	LR7-72HGD (600W)
MODULE ORIENTATION	PORTRAIT
AC COLLECTOR SYSTEM (kV)	34.5
NO. OF AC COLLECTOR FEEDERS	11
INVERTER TYPE	SMA SC4000
INVERTER QUANTITY	76
STRING LENGTH	25 MODULES
DC CAPACITY (MWdc)	375
AC INVERTER CAPACITY (MWac)	304 (+1.3% AC OVERBUILD)
AC GRID LIMIT (MWac)	300
DC/AC RATIO	1.25
GROUND COVERAGE RATIO	55.0%

LEGEND	
DETAIL	DESCRIPTION
	PV TABLE
	AC COLLECTOR SYSTEM (U/G)
	BATTERY ENERGY STORAGE SYSTEM (BESS)
	BESS O&M FACILITIES
	FENCELINE
	OIL & GAS FACILITIES
	INVERTER / TRANSFORMER SKID
	LAYDOWN AREAS
	MUNICIPAL ROADS + HIGHWAY ROW
	PIPELINE
	RESIDENCE SETBACK
	SITE ROADS (NEW)
	SUBSTATION
	UTILITY - DISTRIBUTION LINE (EXISTING)
	UTILITY - TRANSMISSION LINE (EXISTING)
	WATERCOURSES + WETLANDS
	WATERCOURSE + WETLAND SETBACKS
	WELL HEAD SETBACK
	SENSITIVE SPECIES SETBACK



**DOLCY SITE OVERVIEW - PLAN**  
 SCALE: 1:9000  
 SUBSTATION COORDINATES: 52.565940, -110.582523

**FOR INFORMATION**  
 NOT TO BE USED FOR CONSTRUCTION

REV	DESCRIPTION	VERIFIED BY	APPROVED BY	DATE
AG	FOR INFORMATION	R. GRAMS	Y. BÉTOURNAY	2023-08-22
AE	FOR INFORMATION	H. YAZDANPANAHI	Y. BÉTOURNAY	2023-05-25
AD	FOR INFORMATION	H. YAZDANPANAHI	Y. BÉTOURNAY	2022-11-21
AC	FOR INFORMATION	H. YAZDANPANAHI	Y. BÉTOURNAY	2022-11-18
AB	PRELIMINARY	H. YAZDANPANAHI	Y. BÉTOURNAY	2022-10-27
AA	PRELIMINARY	H. YAZDANPANAHI	Y. BÉTOURNAY	2022-09-27
REV	DESCRIPTION	VERIFIED BY	APPROVED BY	DATE

SEAL:		PROJECT: <b>DOLCY SOLAR PROJECT</b>
		TITLE: <b>SOLAR PV PLANT GENERAL ARRANGEMENT PRELIMINARY SITE PLAN</b>
CLIENT: <b>WESTBRIDGE ENERGY CORP</b>		DESIGNED BY: R. GRAMS
		DRAFTED BY: R. GRAMS
		VERIFIED BY: H. YAZDANPANAHI
		APPROVED BY: Y. BÉTOURNAY
		SCALE: 1:9000
		DATE: 2022-09-27
DRAWING No.: <b>7431002-000000-47-D20-0001</b>		SHEET: <b>01</b>
		SIZE: <b>A1</b>
		REV: <b>AG</b>