



LEGEND:	
	PROJECT AREA
	FENCE
	PV AREA
	INTERNAL ROAD
	SUBSTATION
	PV TRACKER UNITS
	TRANSFORMER
	WETLAND CLASS III & BUFFER (20M)
	WETLAND CLASS IV & BUFFER (20M)
	OPEN WATER AREAS
	ACTIVE RAPTOR NEST BUFFER (100M)
	SHARP TAILED GROUSE LEK (500M)
	BOTTOM & SURFACE HOLE WELL
	WATER WELL
	PETROLEUM WELL
	ROAD & SETBACK (15M)
	ROAD ALLOWANCE & SETBACK (40M)
	REGISTERED RIGHT OF WAY
	ALBERTA TOWNSHIP SYSTEM

NOTES:

WETLANDS:

- CLASS I & II WETLANDS ARE NOT AVOIDED.
- CLASS III & IV WETLANDS HAVE A 20M SETBACK.

RAPTOR NESTS:

- A 100M SETBACK WAS CONSIDERED FROM ACTIVE RAPTOR NESTS, AS PER THE WILDLIFE DIRECTIVE FOR SOLAR ENERGY PROJECTS.

SHARP-TAILED GROUSE:

- A 500M SETBACK WAS CONSIDERED FROM ACTIVE SHARP-TAILED GROUSE LEKS, AS PER THE WILDLIFE DIRECTIVE FOR SOLAR ENERGY PROJECTS.

PROJECT SPECIFICATIONS:	
LOCATION	51.482101°, -110.551084°
AC CAPACITY	410.6 MW (LIMITED TO 400 MW)
DC CAPACITY	473.7 MWp
MODULE	CANADIAN SOLAR CS7N-705TB-AG (BI-FACIAL 705W)
CONFIGURATION	SINGLE AXIS TRACKING SYSTEM WITH BACKTRACKING
NUMBER OF MODULES	671 918 UNITS
NUMBER OF TRACKER UNITS	13 931 UNITS
TRACKER CONFIGURATION	2 MODULES IN PORTRAIT


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*** NOT FOR CONSTRUCTION ***

PROJECT: OYEN 1	
DRAWING	PV PLANT LAYOUT
DESIGNED BY	EID, I.
CHECKED	NÖBREGA, G.
APPROVED	MANN, A.
SCALE:	1: 25 000
ISSUED: 2023-10-30	SHEET: 1 of 1
	REVISION: 02