

AGENDA
MUNICIPAL PLANNING COMMISSION
COUNTY OF NORTHERN LIGHTS
TUESDAY, APRIL 14, 2026, at 11:00 A.M.

<https://us02web.zoom.us/j/82903818268?pwd=Tbg29BXAWdDT0l38gEol3zQYs1Arko.1>

01.0 CALL TO ORDER

02.0 ADOPTION OF THE AGENDA

A) Tuesday, April 14, 2026, Municipal Planning Commission Meeting Agenda

03.0 ADOPTION OF THE MINUTES

A) Tuesday, March 24, 2026, Municipal Planning Commission Meeting Minutes

04.0 PLANNING AND DEVELOPMENT

A) Development Permits – Issued by the Development Officer

B) Development Permits – To Be Issued or Discussed by MPC

1) DP-26-07 – Discretionary Use – Proposed Ground Mounted Solar Panel System

C) Miscellaneous

05.0 ADJOURNMENT

MINUTES
MUNICIPAL PLANNING COMMISSION
COUNTY OF NORTHERN LIGHTS
TUESDAY, MARCH 24, 2026, at 11:00 A.M.

<https://us02web.zoom.us/j/83229099721?pwd=2YvA3NXbWWSKZos7yZllylcKdqI2Bo.1>

PRESENT:

Gary These	Ward One	Weberville/Stewart
Kayln Schug	Ward Two	Warrensville/Lac Cardinal
Brenda Yasinski	Ward Three	Dixonville/Chinook Valley
Brent Reese	Ward Four	Deadwood/Sunny Valley
Gloria Dechant	Ward Five	North Star/Breaking Point (virtual)
Terry Ungarian	Ward Six	Hotchkiss/Hawk Hills

REGRETS:

Linda Halabisky	Ward Seven	Keg River/Carcajou
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IN ATTENDANCE:

Gerhard Stickling – Chief Administrative Officer
Josh Hunter – Director of Finance
Pearl Luken – Planning & Development Clerk
Gail Long – ISL Engineering (virtual)
Teresa Tupper – Executive Assistant/ Recording Secretary
Dan Archer – Mile Zero Banner Post Reporter

01.0 CALL TO ORDER

Reeve Ungarian called the Tuesday, March 24, 2026, Municipal Planning Commission Meeting to order at 11:00 a.m.

02.0 ADOPTION OF THE AGENDA

A) Tuesday, March 24, 2026, Municipal Planning Commission Meeting Agenda

017/24/03/26MPC **MOVED BY Councillor These to acknowledge receipt of the Tuesday, March 24, 2026, Municipal Planning Commission Agenda and adopt it as presented.**
CARRIED

03.0 ADOPTION OF THE MINUTES

A) Tuesday, March 10, 2026, Municipal Planning Commission Meeting Minutes

018/24/03/26MPC **MOVED BY Councillor Reese to acknowledge receipt of the Tuesday, March 10, 2026, Municipal Planning Commission Meeting Minutes and adopt them as presented.**
CARRIED

04.0 PLANNING AND DEVELOPMENT

A) Development Permits – Issued by the Development Officer

B) Development Permits – To Be Issued or Discussed by MPC

1) DP-26-04 – Accessory Building

019/24/03/26MPC **MOVED BY** Councillor Schug to acknowledge receipt of Development Application DP-26-04 to construct a 1600 square foot accessory building on a portion of NW 2-84-23-W5M and approve a variance to allow the building to be located within the front yard, a reduction in the maximum height of the accessory building, and a reduced front yard setback, subject to the following nine (9) conditions:

- 1. The development proceeds in accordance with the attached plans and site plan to reflect the proposed location on a portion of NW2-84-23-W5M.**
- 2. The applicant shall comply with the uses and regulations of the Agriculture General (A) District.**
- 3. The applicant/owner may be required to enter into and comply with a development agreement with the County to include, but not limited to, the removal of an approach, construction of a new approach, or the upgrading of an approach. When installing approaches or culverts the applicant/owner shall contact the County of Northern Lights Public Works Department to ensure the approaches are constructed in accordance with County standards. Any costs incurred will be the responsibility of the applicant/owner.**
- 4. All debris from the collapsed quonset structure shall be removed from the property to either a metal scrap yard or to the County's landfill site prior to construction of the detached garage.**
- 5. The detached garage shall be situated within the property boundaries a minimum distance of 1.6 m (5.25 ft) from the road right-of-way.**
- 6. The detached garage shall be no more than 7.32 m (24 ft) in height.**
- 7. The owner/developer shall contact an accredited agency contracted by the Alberta Safety Codes Authority to obtain the following permits or approval applicable: Building Permit – Provincial Plumbing Permit – Gas Permit – Electrical Permit. A copy of the approved permits must be submitted to the County of Northern Lights for their files.**
- 8. No further development or construction shall be allowed without an approved Development Permit.**
- 9. The decision being posted on the County website and advertised in a local newspaper and no appeal against said decision being successful.**

CARRIED

2) DP-26-01 – Communications Tower

020/24/03/26MPC **MOVED BY** Councillor These to acknowledge receipt of Development Application DP-26-01 to construct a 45-meter communication tower on the SE 12-86-22-W5M and approve subject to the following seven (7) conditions:

- 1. That the development proceeds in accordance with the attached plans and site plan to reflect the proposed location on SE 12-86-22-W5M.**
- 2. The owner/developer shall comply with the uses and regulations of Agriculture General (A) District.**
- 3. The applicant/owner enter into and comply with a development agreement with the County to include, but not limited to, the removal of an approach, construction of a new approach, or the upgrading of an approach. When installing approaches or culverts the applicant/owner shall contact**

the County of Northern Lights Public Works Department to ensure the approaches are constructed in accordance with County standards. Any costs incurred will be the responsibility of the applicant/owner.

4. This permit approval is issued on the condition that all other approvals, including any Industry Canada approvals or Water Act Approvals and/or Licenses, required by other regulatory jurisdictions be obtained and maintained throughout the course of this development and its operation. A copy of the approved permits must be submitted to the County of Northern Lights.

5. The applicant/owner shall contact an accredited agency contracted by Municipal Affairs to obtain the following applicable permits and inspections, as required: Building Permit, Electrical Permit.

6. Additional development or construction is not allowed without an approved development permit from the County of Northern Lights.

7. The decision being posted on the County website and advertised in a local newspaper and no appeal against said decision being successful.

CARRIED

3) *DP-26-05 – Timber Harvest & Storage Area*

021/24/03/26MPC **MOVED BY Councillor Reese to acknowledge receipt of the Development Application DP-26-05 to develop a timber harvest and storage area on the west half of SW 28-96-20-W5M and approve subject to the following twelve (12) conditions:**

1. This permit for a timber harvest and storage area, developed in accordance with the site plan, is valid from February 20, 2026, to September 30, 2026.

2. The applicant/owner, if interested in a renewal permit to continue the timber harvest and storage area on the west half of SW28-96-20-W5M, is advised to meet with the County in advance of re-application for a development permit. The County will evaluate the performance of the timber harvest and storage site against its conditions of approval, and any other performance measures that the Development Authority considers relevant.

3. The timber harvest and storage site shall not include any temporary structures or temporary scales and shall proceed in accordance with the approved site plan and proposal details and comply with the development standards of the Agriculture General (A) District of the Land Use Bylaw.

4. No development shall occur on any wetland without prior approval. It is the applicant/owner's responsibility to obtain all necessary environmental approvals required for development. This may include but is not limited to a Water Act approval pursuant to Alberta Environment and Protection's Wetland Policy.

5. The applicant/owner is required to obtain all other approvals required by other regulatory jurisdictions and maintain the approvals.

6. The applicant/owner may be required to enter into and comply with a development agreement with the County to include, but not limited to, the removal of an approach, construction of a new approach, or the upgrading of an approach. When installing approaches or culverts the applicant/owner shall contact the County of Northern Lights Public Works Department to ensure the approaches are constructed in accordance with County standards. Any costs incurred will be the responsibility of the applicant/owner. The applicant/owner shall remove the temporary accesses and restore the County's ditches to their original condition upon completion of the timber haul. Upon removal of the temporary accesses, the County's Public Works Department is to be contacted to inspect and ensure the work has been completed to the satisfaction of the County. Any costs incurred will be the responsibility of the applicant/owner.

7. The applicant/owner shall ensure surface drainage flows released from the subject lands into the County stormwater/ditch system shall be no greater than the pre-existing development flow rate, and erosion control measures shall be implemented to prevent debris and material being conveyed onto County property.

8. No further development or construction be allowed without an approved Development Permit.

9. The applicant shall comply with the conditions of the Road Use Agreement for Township Road 970 and Range Road 204 currently in place with the County's Public Works Department.

10. The applicant shall obtain the necessary Road Use Agreement for summer hauling on Township Road 952 and Range Road 204 from the County's Public Works Department.

11. Additional development or construction is not allowed without an approved development permit from the County of Northern Lights.

12. The decision being posted on the County website and advertised in a local newspaper and no appeal against said decision being successful.

CARRIED

C) Miscellaneous

05.0 ADJOURNMENT

Chair Ungarian adjourned the Tuesday, March 24, 2026, Municipal Planning Commission Meeting at 11:14 a.m.

Reeve, Terry Ungarian

CAO, Gerhard Stickling

Date Signed



7909 51 Avenue NW, Edmonton AB T6E 5L9, T: 780.438.9000 F: 780.438.3700

To: **Reeve and Council – County of Northern Lights** Date: **April 14, 2026**
Attention: **Mr. Gerhard Stickling, Chief Administrative Officer** Project No.: **DP26-07**
Cc: **David Schoor**
Reference: **Applicant/Landowner(s)**
From: **Gail Long**

Application

The applicant, on behalf of the landowner, proposes the installation of a 153.33 m² (1650.43 ft²), 31 kW DC and a 30 kW AC ground mounted photovoltaic solar panel system to be located on a 60.1 ha (148.51 ac) parcel on SE29-90-23-W5M. The parcel is zoned Agriculture General (A) District. A ground mounted solar panel system greater than 56m² is a discretionary use in the A District.

The photovoltaic solar transformer, which is part of the solar panel system, will be pad mounted and connected to an existing farm splitter located in an existing cabinet that will house the main service disconnect. The system does not require a connection to an existing ATCO pole. An Interconnection and Operating Agreement is in place between ATCO Energy Systems and the landowners to allow connection of their system, and specifically the inverter-based generation facility, to ATCO Electric Ltd.'s distribution system.

Site and Surrounding Lands

The parcel, SE29-90-23-W5M, is at the northwest corner of Township Road 904 and Range Road 234, 2 km south of North Star, and 9 km southeast of Manning town limits. Buchanan Creek runs along the southern boundary of the quarter section and is heavily treed on both sides of the creek. A 3.51 ha (8.68 ac) farmstead parcel is located in the southwest corner of the quarter section. A second farmstead site, containing a residence and farm buildings, is located in the northeast portion of the quarter section. The proposed solar system is located within this farmstead. The balance of the quarter section is in agricultural production.

The quarter section and site are not located within a Key Wildlife Biodiversity Zone, an environmentally sensitive area, a historical value (HRV) classified land designation, or the Grimshaw Gravels Aquifer; it is, however, located within an environmentally sensitive wildlife area for grizzly.

Access and Servicing

Access to the residential site in the northeast and to the quarter section are from Range Road 234, which has a residential road classification.

An ATCO overhead 3 phase powerline runs through the eastern portion of the quarter section. There are no well sites, record of spills, or contamination. There is a low-pressure gas line owned by North Peace Gas Co-op running parallel to the powerline, but no high-pressure gas lines. A Pembina Pipeline runs 570m to the west.

Compliance with Approved Plans and Land Use Compatibility

The Land Use Bylaw (LUB) requires development permit approval for all solar panel systems located within the A District which are greater than 56 m² (602.8 ft²).

04.A.1)



The proposed system will contain four panels, have a total height of 4.75 m (15.59 ft), are 32.28 m (105.90 ft) in length, for a total size of 153.33 m² (1650.43 ft²). The base of the solar system will be secured to the ground via helical piers.

The A District requires setbacks of 41 m (131 ft) from the local road (front property boundary) and 15.2 m (50 ft) from both side and rear yard boundaries. The proposed system meets all requirements outlined in the A District.

Circulation Comments

The application was circulated to adjacent landowners and referral agencies. Responses were received from Alberta Energy Regulator, Alberta Forestry and Parks, Pembina Pipeline Corporation, and Telus indicating they had no concerns. The County's Public Works Director has advised that he has no concerns, but requested that a condition be included requiring the applicant to enter into a Road Use Agreement with the County for any industrial traffic generated because of the proposed development. No responses were received from other referral agencies or adjacent landowners.

Recommendation

It is recommended that the application for the location of a 153.33 m² (1650.43 ft²), 31 kW DC and a 30 kW AC ground mounted photovoltaic solar panel system on SE29-90-23-W5M, with the base secured to the ground via helical piers, be **APPROVED** subject to the following conditions:

1. That the development proceeds in accordance with the attached plans and site plan to reflect the proposed location on SE29-90-23-W5M.
2. The applicant/owner shall comply with the uses and regulations of the Agriculture General (A) District.
3. The applicant/owner may be required to enter into and comply to a development agreement with the County to include, but not limited to, the removal of an approach, construction of a new approach, or the upgrading of an approach. When installing approaches or culverts the applicant/owner shall contact the County of Northern Lights Public Works Department to ensure the approaches are constructed in accordance with County standards. Any costs incurred will be the responsibility of the applicant/owner.
4. The applicant/owner is required to enter into a Road Use Agreement with the County for any industrial traffic generated because of the proposed development.
5. This permit approval is issued on the condition that all approvals and/or licenses required by other regulatory jurisdictions be obtained and maintained throughout the course of this development and its operation. A copy of the approved permits shall be submitted to the County of Northern Lights.
6. The applicant/owner is to provide documentation to the County confirming that ATCO Electric has granted approval to connect to their power facility.
7. The applicant/owner shall contact an accredited agency contracted by Municipal Affairs to obtain the following applicable permits and inspections, as required: Building Permit (if applicable), Electrical Permit. A copy of the approved permits shall be submitted to the County of Northern Lights.
8. Additional development or construction is not allowed without an approved development permit from the County of Northern Lights.
9. The decision being posted on the County website and advertised in a local newspaper and no appeal against said decision being successful.

04.A.1)



DEVELOPMENT PERMIT APPLICATION FORM A

"An Agriculture Based Community"

FOR ADMINISTRATIVE USE	
APPLICATION NO.	DP26-07
DATE RECEIVED	Feb 6 2026
ROLL NO.	72685

County of Northern Lights, # 600, 7th Ave. NW Box 10, Manning, AB, T0H 2M0
 W: www.countyofnorthernlights.com | E: development@countyofnorthernlights.com | T: (780) 836-3348 | F: (780) 836-3663

I / We hereby make application under the provisions of the Land Use Bylaw for a Development Permit in accordance with the plans and supporting information submitted herewith and form part of this application. I / We understand that this application will not be accepted without the following:

- (a) application fee;
- (b) site plan sketch that includes all relevant detail to the proposed development (e.g.: proposed and existing structures, property lines, creeks/ravines, parking and vehicle access, building plans, etc.)

APPLICANT INFORMATION	COMPLETE IF DIFFERENT FROM APPLICANT				
NAME OF APPLICANT Orizon Energy LTD	NAME OF REGISTERED OWNER				
ADDRESS 6605 82 Ave NW, Edmonton	ADDRESS				
POSTAL CODE T6B 0E8	POSTAL CODE				
EMAIL ADDRESS* permits@orizonenergy.ca	EMAIL ADDRESS*				
*By supplying the County with an email address, you agree to receive correspondence by email.					
PHONE (CELL)	PHONE (RES)	PHONE (BUS) 780-900-3744	PHONE (CELL)	PHONE (RES)	PHONE (BUS)

LAND INFORMATION
Municipal Address (if applicable): <u>904040 RB 234</u>
Legal description (if applicable): Registered Plan: _____ Block: _____ Lot (parcel): _____ QTR/LS: <u>SE</u> Section: <u>29</u> Township: <u>90</u> Range: <u>23</u> Meridian: <u>W5</u>
Size of the Parcel to be developed _____ <input type="checkbox"/> Acres or <input type="checkbox"/> Hectares
Description of the existing use of the land: <u>Residential</u>
Proposed Development: <u>installation of ground mounted photovoltaic solar system</u> <u>31 kW DC and 30 kW AC</u>
Circle any proposed uses(s): <input type="checkbox"/> SIGN(S) <input type="checkbox"/> CULVERT(S)/ ROAD ACCESS POINT(S) <input type="checkbox"/> PUBLIC USE(S)/ UTILITIES <input type="checkbox"/> DWELLING UNIT(S) <input type="checkbox"/> ACCESSORY STRUCTURE(S)/ USE(S) <input type="checkbox"/> SHED/GARAGE/BARN(S) <input type="checkbox"/> HOME BASED BUSINESS <input type="checkbox"/> COMMERCIAL OR INDUSTRIAL STRUCTURE(S)/ USES(S) <input checked="" type="checkbox"/> OTHER (SPECIFY)
Estimated: _____ Date of Commencement: <u>2/5/26</u> Date of Completion: <u>8/5/26</u> Value of Construction: \$ _____

04.A.1)

PROPOSAL INFORMATION

DEVELOPMENT IS: NEW EXISTING ALTERATION TO EXISTING

LAND IS ADJACENT TO: PRIMARY HIGHWAY LOCAL ROAD INTERNAL SUBDIVISION ROAD OTHER

LOT AREA: _____ LOT WIDTH: _____ LOT LENGTH: _____ PERCENTAGE OF LOT OCCUPIED: _____%

PRINCIPAL BUILDING SETBACK: FRONT: 164 m REAR: 605.8 m SIDES: 125.2 / 664 HEIGHT 4.33 m

ACCESSORY BUILDING SETBACK: FRONT: _____ REAR: _____ SIDES: _____ / _____ HEIGHT _____

ADDITIONAL INFORMATION INCLUDED

SITE PLAN FLOOR PLAN LAND TITLE ABANDONED OIL WELL DECLARATION SIGNED

ALBERTA NEW HOME WARRANTY / OR PROOF OF EXEMPTION DISTANCE TO ROAD / HIGHWAY _____

ADDITIONAL INFORMATION AS REQUIRED:

ELEVATIONS SOIL TESTS HOURS OF OPERATION _____

NUMBER OF DWELLING UNITS _____ NUMBER OF EMPLOYEES _____

PROPOSED BUSINESS ACTIVITIES _____

LANDOWNER LETTER OF AUTHORIZATION ADJACENT LANDOWNER LETTERS OF SUPPORT

MANUFACTURED HOME (MOBILE HOME)

SERIAL NUMBER: _____ YEAR BUILT: _____ SIZE: WIDTH _____ LENGTH _____

DECLARATION

I/WE HEREBY AUTHORIZE REPRESENTATIVES OF THE COUNTY TO ENTER MY/OUR LAND FOR THE PURPOSE OF CONDUCTING A SITE INSPECTION IN CONNECTION WITH THIS APPLICATION

I/WE HEREBY DECLARE THAT THE ABOVE INFORMATION IS, TO THE BEST OF MY/OUR KNOWLEDGE, FACTUAL AND CORRECT

2/5/2026
Date
SIGNATURE OF APPLICANT: _____

NOTE: Signature of Registered Landowner required if different from Applicant 2/5/2026
Date
SIGNATURE OF REGISTERED LANDOWNER / LEASEHOLDER _____

FOR ADMINISTRATIVE USE

LAND USE DISTRICT: agriculture general

FEE ENCLOSED: YES NO AMOUNT: \$ 50.00 RECEIPT NO.: 228971

DEFINED USE: solar panels ground mount >56m²

PERMITTED/DISCRETIONARY: Discretionary

VARIANCE: _____

04.A.1)

AERIAL SITE VIEW



SCOPE OF WORK

INSTALLATION OF UTILITY INTERACTIVE PHOTOVOLTAIC SOLAR SYSTEM

NEW:31 KW DC & 30 KW AC

NEW: PV MODULES: (62) LR8-54HGBB-500M

NEW: INVERTER(S): (1) SE30KUS

NEW OPTIMIZER: (62) C651U

ROOF TYPE: GROUND MOUNT

NEW: PV MOUNTING HARDWARE: AZGUARD SUNRANGER SEASONAL TILT XL

NEW: CONNECTION TYPE: LOAD SIDE CONNECTION- FARM SPLITTER

SHEET LIST

PV-1	COVER SHEET
PV-2	SITE PLAN
PV-3	ROOF LAYOUT
PV-4	STRUCTURAL DETAILS
PV-5	ELECTRICAL DETAILS (LINE DIAGRAM)
PV-6	ELECTRICAL CALCULATIONS & NOTES
PV-7	ELECTRICAL LABELS & LOCATIONS
PV-8	ELECTRICAL DIRECTORY
PV-9	STRING MAP
1-N1	INSTALL DETAILS

JURISDICTION CODES AND STANDARDS

GOVERNING CODES

- ALL WORK SHALL COMPLY WITH:
2021 CANADIAN ELECTRIC CODE (CEC)
NATIONAL BUILDING CODE - 2023 ALBERTA EDITION
2021 INTERNATIONAL RESIDENTIAL CODE (IRC)

2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC), 2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2021 INTERNATIONAL PROPERTY MAINTENANCE CODE (IPMC), ALL APPLICABLE CITY, STATE, OR JURISDICTIONAL CODES AND ALL STATE AND LOCAL BUILDING, ELECTRICAL, AND PLUMBING CODES.

COUNTY OF NORTHERN LIGHTS
SITE CLASSIFICATION NOTES, OSHA REGULATION
OCCUPANCY CLASS: SFR
CONSTRUCTION CLASS: V-B
ZONING TYPE: COMMERCIAL

- A LADDER SHALL BE IN PLACE FOR INSPECTION IN COMPLIANCE WITH OSHA REGULATIONS.
- THIS PROJECT HAS BEEN REVIEWED AND WILL NOT DIRECT CONCENTRATED SOLAR RADIATION OR GLARE ONTO NEARBY PROPERTIES OR ROADWAYS.

ELECTRICAL CRITERIA, NOTES

TEMPERATURE SOURCE: ASHRAE
WEATHER STATION: MANNING AGDM
EXTREME MIN. TEMPERATURE: -40.4
ASHRAE 2% HIGH TEMP: 31.3

DESIGNED BY



CONFIDENTIAL - THE INFORMATION HEREIN CONTAINED SHALL NOT BE USED FOR THE BENEFIT OF ANYONE EXCEPT Orion Energy NOR SHALL IT BE DISCLOSED IN WHOLE OR IN PART TO OTHERS OUTSIDE RECIPIENTS ORGANIZATION, EXCEPT IN CONNECTION WITH THE SALE AND USE OF THE RESPECTIVE EQUIPMENT, WITHOUT THE WRITTEN PERMISSION OF Orion Energy.



Orizon Energy

4004 97 St NW, Unit 24, Edmonton AB

Orizon Energy

587.404.8316

SITE INFORMATION:

BENJAMIN DECHANT
SE 29 90 23 W5, S4 NORTH STAR
NORTHERN LIGHTS, ALBERTA T0H 2M0
(62) LR8-54HGBB-500M
NEW: INVERTER(S): (1) SE30KUS, NEW
OPTIMIZER: (62) C651U
NEW:31 KW DC & 30 KW AC

DRAWING BY
TREY PYLE

DATE
3/31/2026

PROJECT ID
0

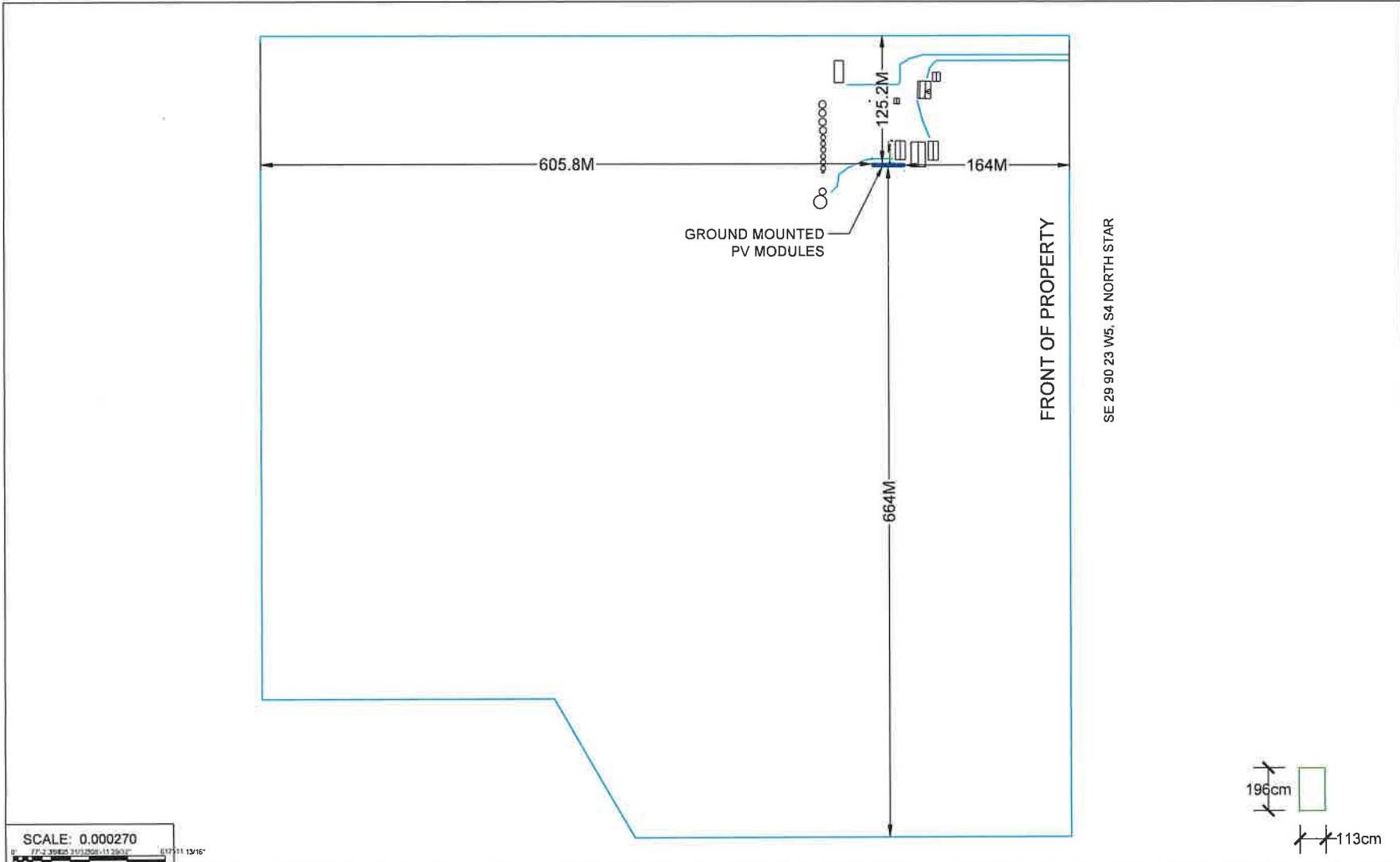
SHEET NAME
COVER SHEET

SHEET NUMBER PV-1	REVISION 2
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SITE INFORMATION:
BENJAMIN DECHANT
SE 29 90 23 W5, S4 NORTH STAR
NORTHERN LIGHTS,ALBERTA T0H 2M0
County of Northern Lights
North Parkland Power

SITE ID: 0010759331016

04.A.1)




DESIGNED BY



Radiant Engineering
QUALITY SOLAR DESIGN AT A FRACTION OF THE COST

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Orizon Energy
4004 97 St NW, Unit 24, Edmonton AB
Orizon Energy
587.424.8316

SITE INFORMATION:
 BENJAMIN DECHANT
 SE 29 90 23 W5, S4 NORTH STAR
 NORTHERN LIGHTS, ALBERTA TOH 2M0
 (62) LRB-54-HGBB-500M
 NEW: INVERTER(S): (1) SE30KUS-NEW
 OPTIMIZER: (62) C651U
 NEW: 31 KW DC & 30 KW AC

DRAWING BY
 TREY PYLE

DATE
 3/31/2026

PROJECT ID
 0

SHEET NAME
 PROPERTY MAP

SHEET NUMBER
 PV-2B














REVISION
 2

ROOF SECTION CRITERIA AND SPECIFICATIONS

ROOF SECTION	PV MODULE QTY	AZIMUTH	PITCH	LUMBER SIZE
PS1	14	180	ADJ	
PS2	16	180	ADJ	
PS3	16	180	ADJ	
PS4	16	180	ADJ	



SYSTEM LEGEND

- | | | | |
|--|---|---|--|
|  (E) UTILITY METER / MAIN SERVICE PANEL |  (N) PV COMBINER PANEL |  (N) JUNCTION BOX |  3' FIRE ACCESS PATHWAY |
|  (E) MAIN SERVICE PANEL |  (N) PV LOAD CENTER |  (N) NJAC DISCONNECT |  (N) PV MODULE |
|  (E) SUBPANEL |  (N) PV PRODUCTION METER |  (N) MICROINVERTER | |
| |  (N) AC DISCONNECT |  (N) DC DISCONNECT | |

04.A.1)



111 / C:\MID\WORK\CD\SECURITY\SECURITY\111-0001 - County of Northern Lights\DP-26-07 - Development Permit Application - February 23, 2026

DEVELOPMENT PERMIT APPLICATION

COUNTY OF NORTHERN LIGHTS

LEGAL: SE29, Twp 90, Rge 23, W5M

FILE No. DP-26-07



LEGEND

- Proposed Location of Solar Buildings/Structures
- Existing Access
- Low Pressure Natural Gas Servicing
- - - High Pressure Natural Gas Servicing
- ATCO Powerlines
- Edge of Treeline
- Creek/Drainage



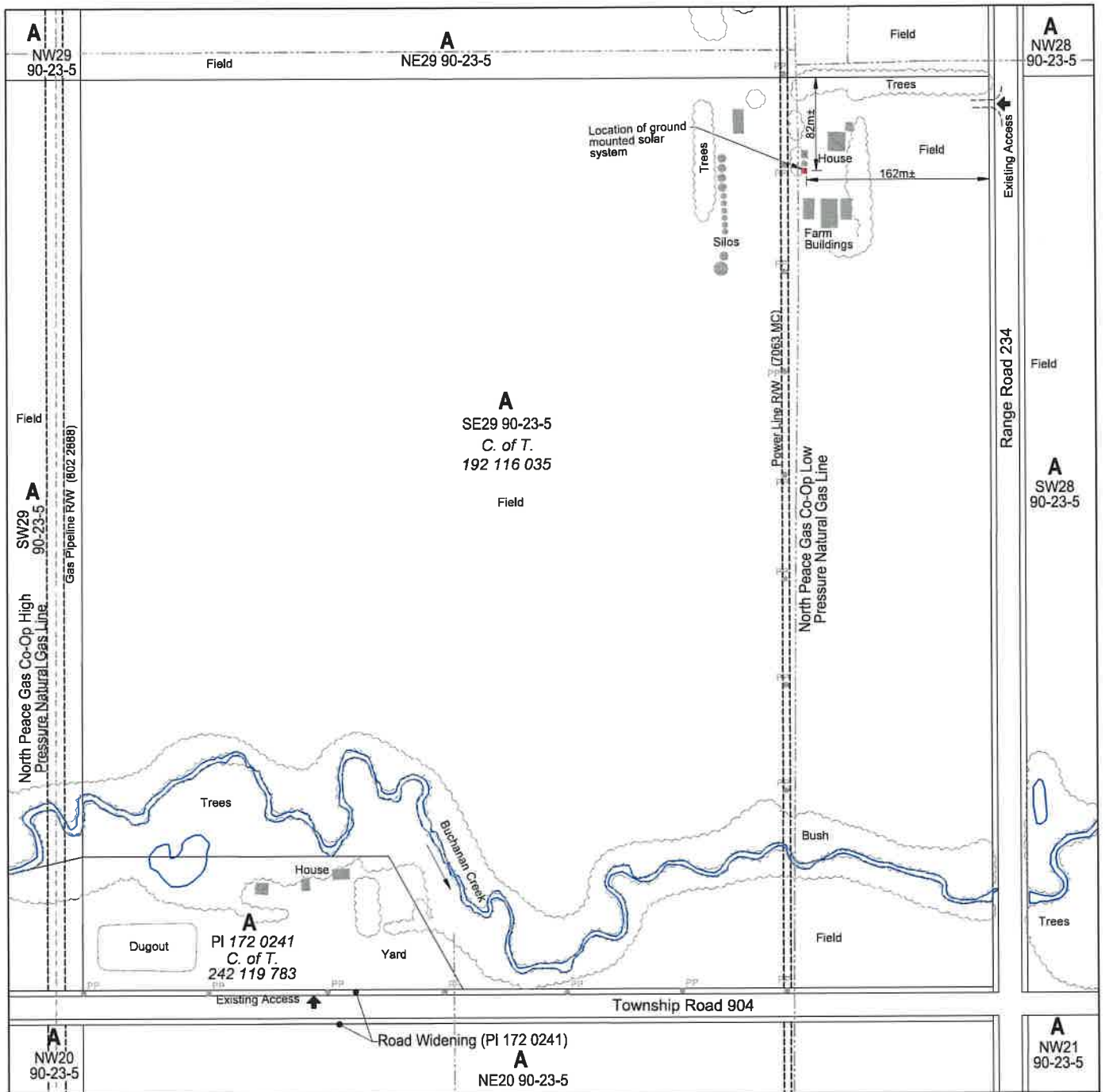
NOTE: Improvements located as per data supplied by owner and Abadata measurements.



February 23, 2026

04.A.1)

Pl. / C:\MSK\KAC\CC\cas\SL\16613\Project\16613_B.07_Orizon Energy Ltd (Solar - Ground Mounted)\DP-26-07_Orizon.dwg / February 23, 2026



DEVELOPMENT PERMIT APPLICATION

COUNTY OF NORTHERN LIGHTS

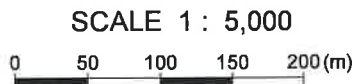
LEGAL: SE29, Twp 90, Rge 23, W5M

FILE No. DP-26-07



LEGEND

- Proposed Location of Solar Buildings/Structures
- ← Existing Access
- Low Pressure Natural Gas Servicing
- High Pressure Natural Gas Servicing
- ATCO Powerlines
- Edge of Treeline
- Creek/Drainage



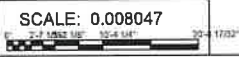
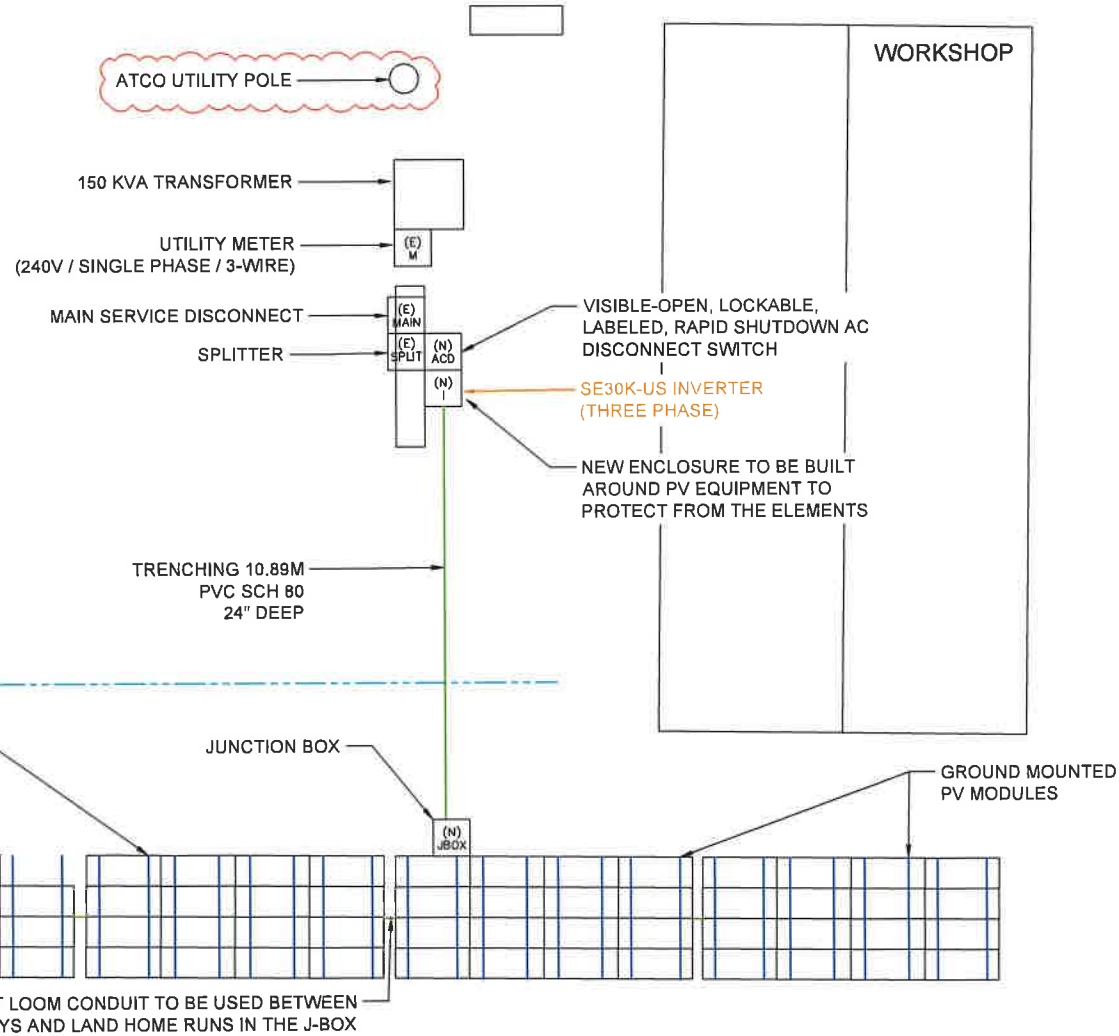
NOTE: Improvements located as per data supplied by owner and Abadata measurements.



February 23, 2026

04.A.1)

SITE NOTES:



SYSTEM LEGEND			
	(E) UTILITY METER / MAIN SERVICE PANEL		(N) JUNCTION BOX
	(E) MAIN SERVICE PANEL		(N) AC DISCONNECT
	(E) SUBPANEL		(N) MICROINVERTER
	(N) PV COMBINER PANEL		(N) DC DISCONNECT
	(N) PV LOAD CENTER		(N) PV MODULE
	(N) PV PRODUCTION METER		3' FIRE ACCESS PATHWAY

ROOF SECTION CRITERIA AND SPECIFICATIONS

ROOF SECTION	PV MODULE QTY	AZIMUTH	PITCH	LUMBER SIZE
PS1	14	180	ADJ	
PS2	16	180	ADJ	
PS3	16	180	ADJ	
PS4	16	180	ADJ	



DESIGNED BY

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Orion Energy
4004 97 61 NW, Unit 24, Edmonton AB
Orion Energy
587.404.831E

SITE INFORMATION:
BENJAMIN DECHANT
SE 29 90 23 W5, S4 NORTH STAR
NORTHERN LIGHTS, ALBERTA T0H 2M0
(62) LRB-54-HGBB-500M
NEW: INVERTER(S): (1) SE30KUS, NEW OPTIMIZER: (62) C651U
NEW: 31 KW DC & 30 KW AC

DRAWING BY
TREY PYLE

DATE
3/31/2026

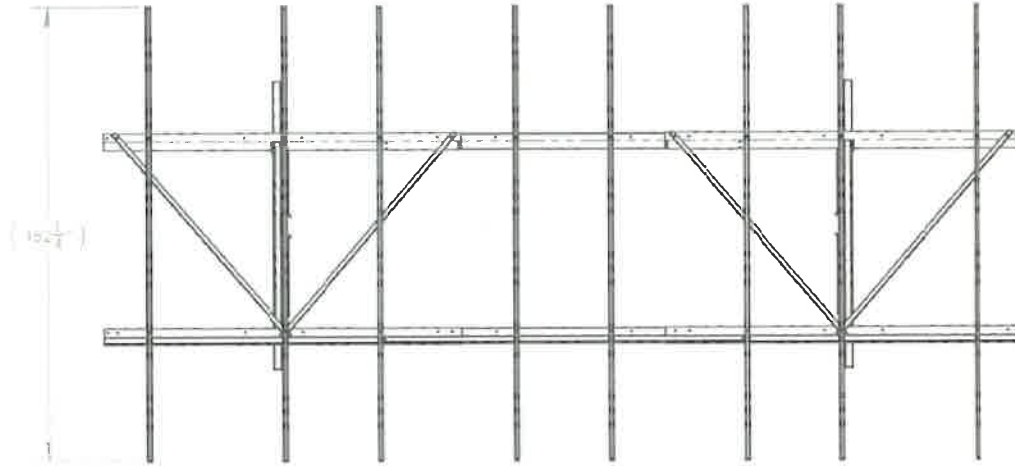
PROJECT ID
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SHEET NAME
SITE PLAN

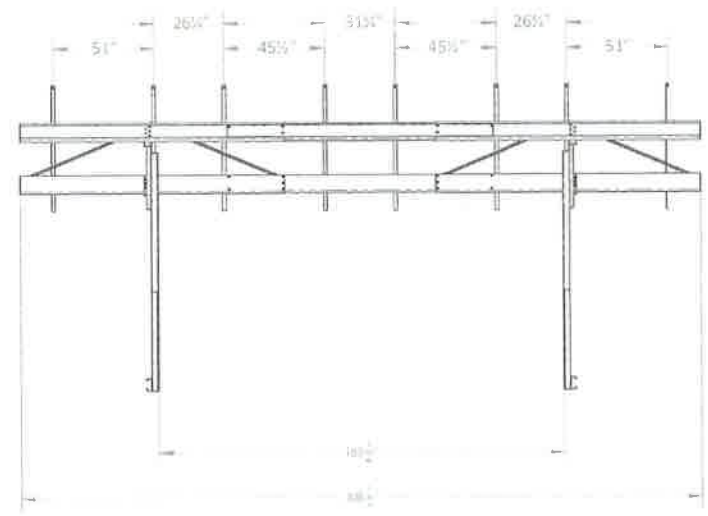
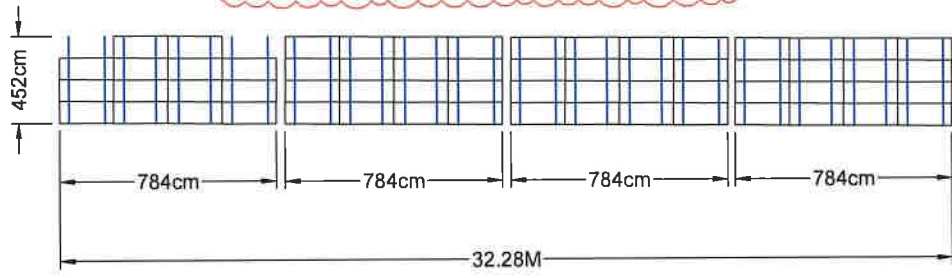
SHEET NUMBER PV-2	REVISION 2
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04. A.1)

ATTACHMENT PLAN:



MAX HEIGHT AT MAX TILT: 4.75M



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Orizon Energy

4004 97 51 NW, Unit 24, Edmonton AB

Orizon Energy

527.404.8316

SITE INFORMATION:

BENJAMIN DECHANT
SE 28 90 23 W5, S4 NORTH STAR
NORTHERN LIGHTS, ALBERTA TOH 2M0
(62) LRB-54-HBB-500M
NEW INVERTER(S): (1) SE30KUS, NEW
OPTIMIZER: (62) C651U
NEW: 31 KW DC & 30 KW AC

DRAWING BY

TREY PYLE

DATE

3/31/2026

PROJECT ID

0

SHEET NAME

ROOF LAYOUT

SHEET NUMBER

PV-3

REVISION

2

SYSTEM LEGEND

- (N) PV COMBINER PANEL
- (N) JUNCTION BOX
- FIRE ACCESS PATHWAY
- (E) UTILITY METER / MAIN SERVICE PANEL
- (N) PV LOAD CENTER
- (N) PV MODULE
- (E) MAIN SERVICE PANEL
- (N) PV PRODUCTION METER
- (N) MICROINVERTER
- (N) AC DISCONNECT
- (N) DC DISCONNECT
- (E) SUBPANEL
- (N) AC DISCONNECT
- (N) DC DISCONNECT

ROOF SECTION CRITERIA AND SPECIFICATIONS

ROOF SECTION	PV MODULE QTY	AZIMUTH	PITCH	LUMBER SIZE
PS1	14	180	ADJ	
PS2	16	180	ADJ	
PS3	16	180	ADJ	
PS4	16	180	ADJ	



04.A.1)

RACKING INSTALLATION SCHEDULE AND STRUCTURAL CRITERIA

STRUCTURAL INSTALLATION SCHEDULE AND CRITERIA

METRIC BASE

PV RACKING

RACKING: AZGUARD SUNRANGER
SEASONAL TILT XL
RACKING TYPE: GROUND MOUNT
STANDOFF:
STANDOFF TYPE
FASTENER:

STRUCTURAL

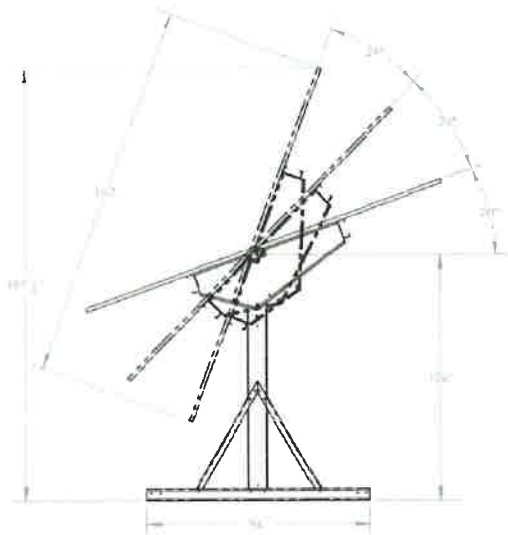
ROOF TYPE: GROUND MOUNT
ROOF SHEATHING TYPE:
STRUCTURE TYPE:
RAFTER /TC SIZE
RAFTER /TC SPACING

ARRAY PARAMETERS

TOTAL ROOF AREA (SQ. Mtr.)

TOTAL PV MODULE AREA (SQ. Mtr.) 138

% PV MODULE ROOF COVERAGE



**BASE OF AZGARD SUNRANGER
STRUCTURE WILL BE SECURED
TO THE GROUND VIA HELICAL PIERS**

FULL RACKING DETAILS COMPILED BY AZGARD SOLAR

DESIGNED BY



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Orion Energy

4004 87 St NW, Unit 24, Edmonton AB

Orion Energy

587-404-5316

SITE INFORMATION:
BENJAMIN DECHANT
SE 29 90 23 W5, S4 NORTH STAR
NORTHERN LIGHTS, ALBERTA, T0H 2M0
(62) LR6-54HG8B-500M
NEW: INVERTER(S): (1) SE30KUS, NEW
OPTIMIZER: (62) C651U
NEW: 31 KW DC & 30 KW AC

DRAWING BY
TREY PYLE

DATE
3/31/2026

PROJECT ID
0

SHEET NAME
STRUCTURAL DETAILS

SHEET NUMBER PV-4 REVISION 2

04.A.1)



APPLICANT STATEMENT REGARDING ABANDONED WELLS

In accordance with the Municipal Government Act Subdivision and Development Regulation

Orizon Energy LTD

registered owner (or

(Please Print)

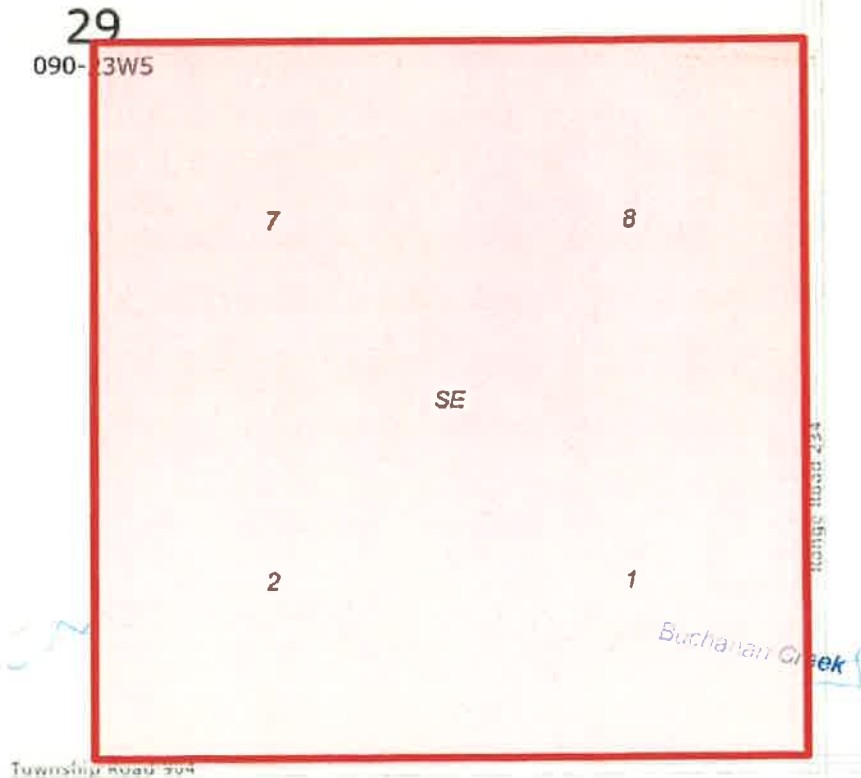
their agent) of SE 29 90 23 W5, have consulted the Energy (Legal Land Description)

Resources Conservation Board (ERCB) Abandoned Well Map Viewer, and verified that there are no abandoned wells located the property subject to this application. A copy of the ERCB map showing the subject property is attached.

Signature of registered owner (or agent)

8/5/26

Date



04.A.1)