

**TOWN OF HIGH LEVEL
DEVELOPMENT PERMIT**

PERMIT NO.: DP25-039
PROPOSED USE: Permitted Use – 613.49 ft2 Solar Collector (Solar Collectors)
APPLICANT: Kuby Renewable Energy Ltd.
LANDOWNER: Apex Utilities Inc
LOCATION: Lot 18, Plan 5526NY

A development involving Application No. DP25-039 has been Approved with Conditions.

1. The site shall be developed in accordance with the site drawings and information attached hereto as Schedule A.
2. The Applicant/Registered Owner shall provide the development authority with a copy of the required approvals from the Alberta Utilities Commission (AUC) and any other provincial or federal agency or utility company prior to the operation of any grid-connected solar energy system.
3. Development must be commenced within one (1) year from the Date of Issue. If at the expiry of this period, the development has not commenced, this Permit shall be null and void.
4. The Applicant/Registered Owner shall ensure there is no damage to municipal property resulting from this permit. Costs for repairs of municipal property will be assessed by the Town of High Level and will be charged back to the applicant.


You are hereby authorized to proceed with the development specified, provided that any stated conditions are complied with, that all other applicable permits are obtained, and that the appropriate appeal period has been exhausted. Should an appeal be made against this decision to the Subdivision and Development Appeal Board, this Development Permit shall not come into effect until the appeal has been determined and the Permit upheld, modified or nullified.

DATE OF DECISION OF DEVELOPMENT PERMIT: November 25, 2025

DATE OF ISSUE OF DEVELOPMENT PERMIT: December 17, 2025

DATE OF VALIDITY OF DEVELOPMENT PERMIT: December 17, 2025

SIGNATURE OF DEVELOPMENT AUTHORITY:



Viv Thoss

NOTES:

1. If the development is found to be incorrectly placed, the applicant may be required to move or remove the development at the sole expense of the Applicant/Registered Owner. Any changes to the attached plans will require a new development permit.
2. An appeal can be made by filing a written notice of appeal along with payment to the **Subdivision and Development Appeal Board (10511 103rd Street, High Level, AB, T0H 1Z0)** within 21 days from the date of the receipt of this decision. In the case of an appeal made by a person referred to in section 685(2) of the *Municipal Government Act*, within 21 days after the date on which the notice of the issuance of the permit was given.
3. **This is a Development Permit ONLY.** Issuance of this Permit does not excuse the applicant from satisfying all other applicable municipal, provincial and/or federal requirements.

OTHER PERMITS ARE REQUIRED

In the interest of public safety and as required by the Safety Codes Act construction permits must be obtained before commencing any work. Required permits may include building, electrical, gas, plumbing, and private sewage. Additionally, the Town of High Level requires permits for water & sewer connection, new accesses, and driveways.

PLEASE NOTE

The Applicant and/or Registered Owner are responsible for applying for, and receiving, all necessary permits prior to beginning construction. Ensure that you or your contractors obtain all other required permits related to the development. For more information regarding how to obtain the required permits, contact Superior Safety Codes 1-866-999-4777. If you are unsure which additional municipal permits you may need, please contact development@highlevel.ca.

SCHEDULE A

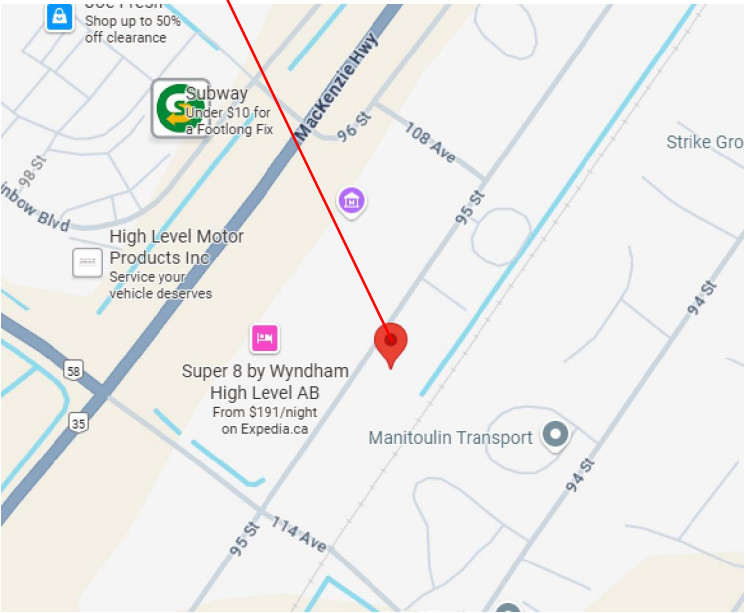
Approved November 25, 2025

A handwritten signature in black ink, appearing to read 'Viv Thoss', is positioned above a horizontal line.

(6 pages)

Viv Thoss
Development Authority

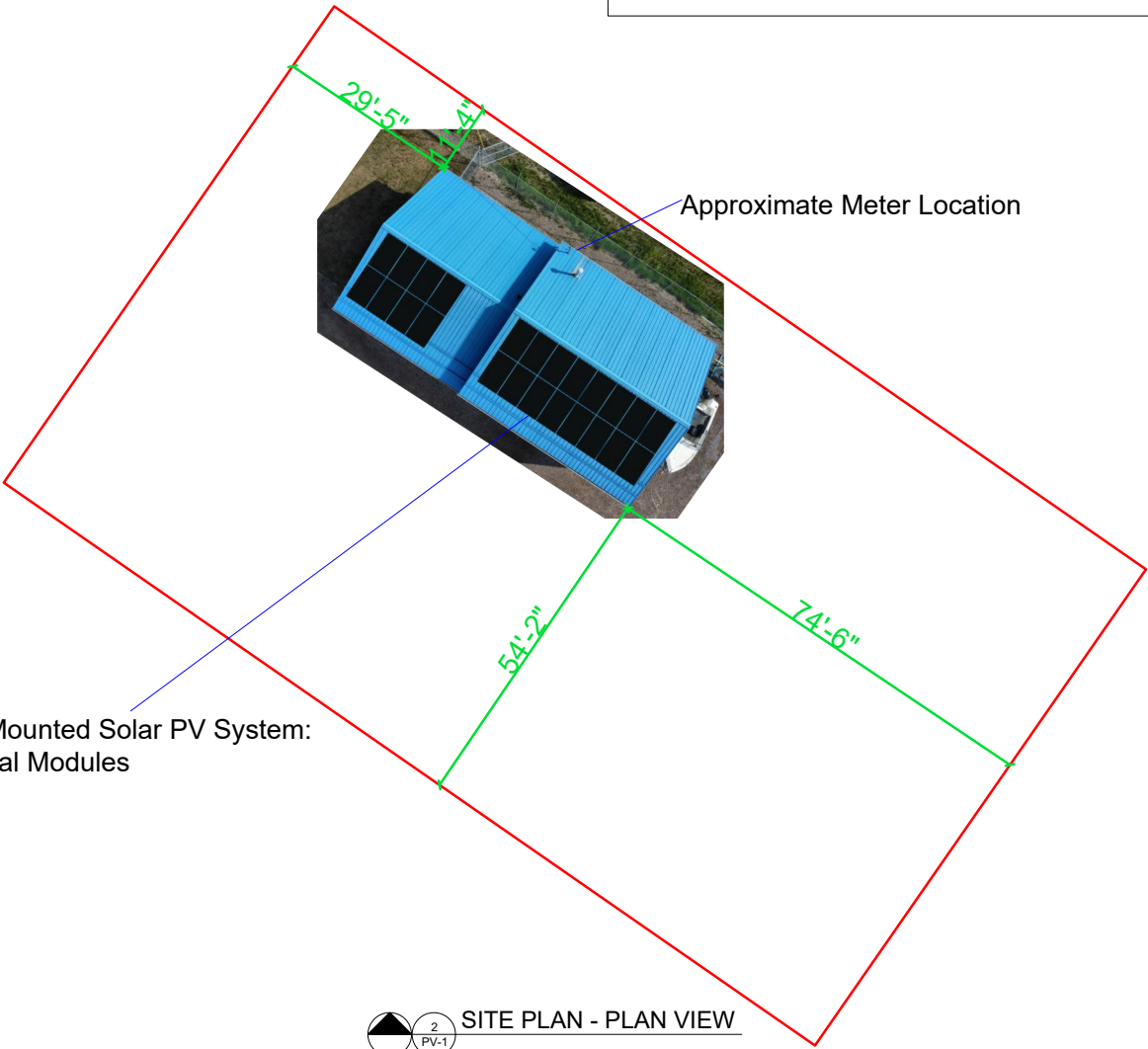
PROJECT SITE



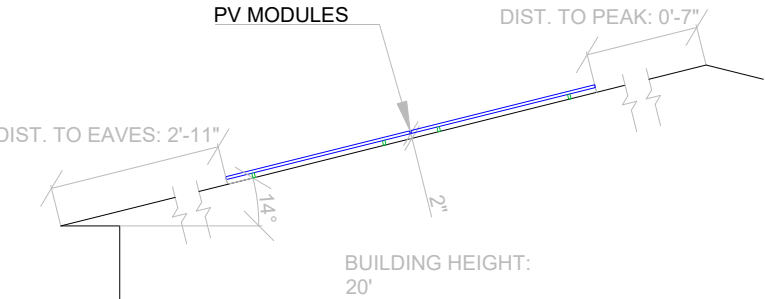
VICINITY MAP

- GENERAL NOTES:
- THIS PROJECT SHALL COMPLY WITH THE FOLLOWING CODES:
1. CANADIAN ELECTRICAL CODE 2024
 2. NATIONAL BUILDING CODE ALBERTA EDITION 2023 OR BC BUILDING CODE 2024
 3. FOLLOW INSTALLATION MANUAL FOR RACKING SYSTEM

- SITE NOTES:
1. TRUSS SPACING: 24"
 2. ATTACHMENT: RT Mini II
 3. ADDITIONAL ITEMS: RODENT GUARD, CONSUMPTION MONITORING



SITE PLAN - PLAN VIEW

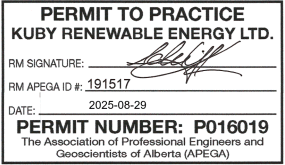


ROOF SECTION VIEW



SYSTEM INFORMATION		REV	DATE	BY	NOTES
MODULES:	24 x 500W	0	Aug/26/2025	DV	/
	THORNOVA TS-BBT54-G11(500)				
INVERTER:	12 x APS - DS3-L				
RACKING:	FLUSH				
DC POWER:	12.000 kW				
AC POWER:	9.216 kW				
AZIMUTH:	215°				
TILT:	3:12				

PERMITS AND SEALS



Authentication applies to electrical only

TITLE
Apex Utilities
11101 95 St
High Level, AB

JOB NO. 2025-1351	DWG PV-1
DWG DESC. SITE PLAN	REV 0

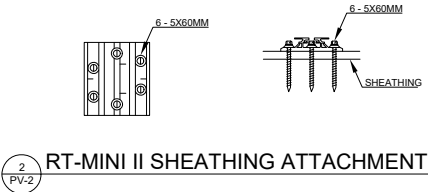
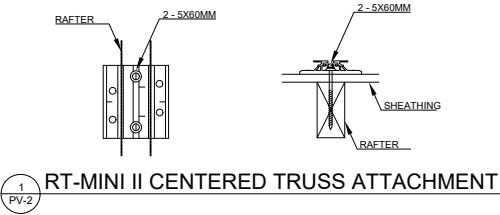
TABLE PL1. RT MINI MAXIMUM ATTACHMENT SPAN, IN (ALBERTA)					
	ZONE R	ZONE S 5+ MODS	ZONE S <5 MODS	ZONE C 5+ MODS	ZONE C <5 MODS
EDMONTON ¹	48	48	24	24	24
CALGARY	48	24	24	24	24
BANFF & CANMORE	48	48	48	24	24
PINCHER CREEK & COWLEY	48	24	12	12	12
LETHBRIDGE	48	24	24	24	12
KAMLOOPS & KELOWNA	48	48	24	24	24

GENERAL STRUCTURAL/MECHANICAL NOTES
Authentication applies to PV1, PV2, and PV4

- TABLE PL1 NOTES:
- 1 - APPLICABLE FOR RED DEER, LAC LA BICHE, ATHABASCA, BARRHEAD, BLACKFALDS
 - USE LOWER VALUE FOR ROWS WITH 4 OR FEWER MODULES
 - Spans assume RAFTER CENTERED WITH 15/32 PLYWOOD
 - If installation location is not shown in Table PL1 above, please call design team for clarification
 - A sheathing connection with 6 – 5x60 mm screws is permitted for end rail support only with a maximum overhang of 12". Installation team to confirm that sheathing is continuously supported over trusses
- ZONE R - GENERAL
ZONE S - WITHIN 1.5M OF EDGE
ZONE C - WITHIN 1.5M OF CORNER
- GENERAL NOTES:
1. FOLLOW RT-MINI INSTALLATION MANUAL FOR RACKING SYSTEM INSTALLATION. USE MIN. TWO (2) - 5X60MM SCREWS INTO TRUSS

SITE NOTES:
1. ATTACHMENT DEVICE: RT-MINI II

- SITE NOTES:
- TRUSS SPACING: 24"
 - ATTACHMENT: RT Mini II
 - ADDITIONAL ITEMS: RODENT GUARD, CONSUMPTION MONITORING



3 PV-2 PV SITE PLAN WITH MODULE LAYOUT & ATTACHMENT ZONES



SYSTEM INFORMATION		REV	DATE	BY	NOTES
MODULES:	24 x 500W	0	Aug/26/2025	DV	/
	THORNOVA TS-BBT54-G11(500)				
INVERTER:	12 x APS - DS3-L				
RACKING:	FLUSH				
DC POWER:	12.000 kW				
AC POWER:	9.216 kW				
AZIMUTH:	215°				
TILT:	3:12				

PERMITS AND SEALS

TITLE
Apex Utilities
11101 95 St
High Level, AB

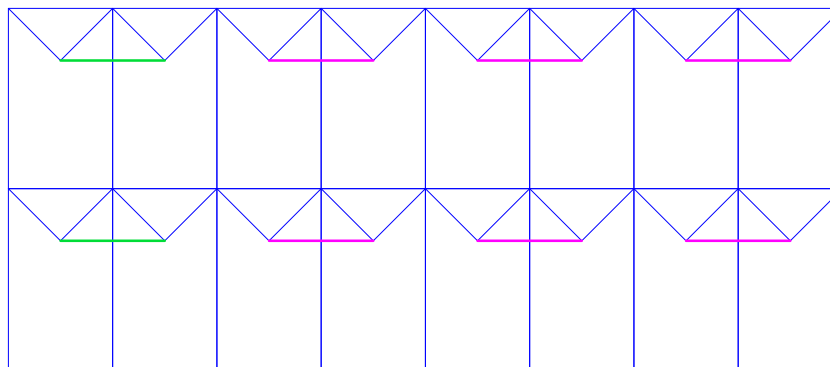
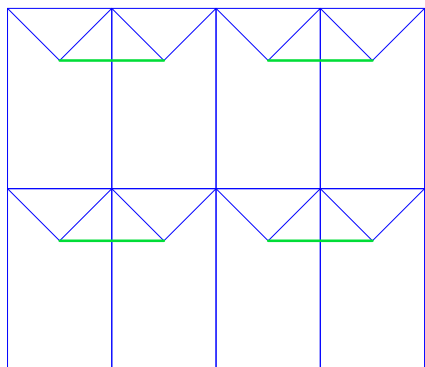
JOB NO. 2025-1351	DWG PV-2
DWG DESC. ATTACHMENTS	REV 0

www.KubyEnergy.ca

1. STRINGS MAY BE ALTERED ON SITE, PLEASE MARKUP AS-BUILT MAP.
2. NO PV OUTPUT CIRCUIT TO EXTEND MORE THAN 1M BEYOND ANY ARRAY

ECU #

1. TRUSS SPACING: 24"
2. ATTACHMENT: RT Mini II
3. ADDITIONAL ITEMS: RODENT GUARD,
CONSUMPTION MONITORING

[illegible]


1 STRING MAP
PV-3



SYSTEM INFORMATION		REV	DATE	BY	NOTES
MODULES:	24 x 500W	0	Aug/26/2025	DV	/
	THORNOVA TS-BBT54-G11(500)				
INVERTER:	12 x APS - DS3-L				
RACKING:	FLUSH				
DC POWER:	12.000 kW				
AC POWER:	9.216 kW				
AZIMUTH:	215°				
TILT:	3:12				

PERMITS AND SEALS



PERMIT TO PRACTICE KUBY RENEWABLE ENERGY LTD	
RM SIGNATURE: _____	
RM APEGA ID #: 191517	
DATE: _____	2025-08-29
PERMIT NUMBER: P016019	
The Association of Professional Engineers and Geoscientists of Alberta (APEGA)	

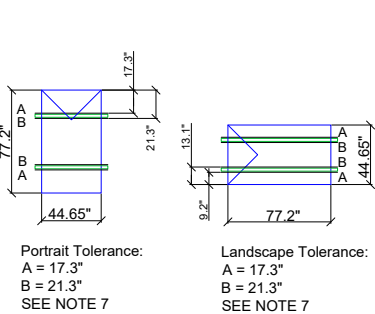
TITLE	Apex Utilities 11101 95 St High Level, AB
-------	---

JOB NO. 2025-1351	DWG PV-3
DWG DESC. STRING MAP	REV 0

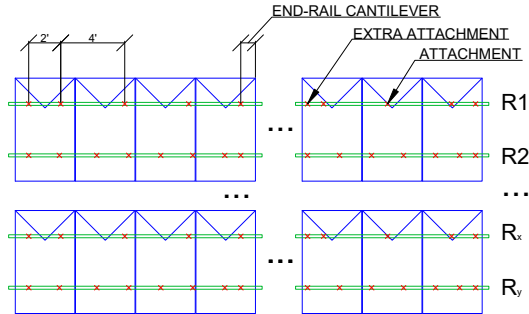
www.KubyEnergy.ca

- NOTES
- 1. VERIFY ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION
 - 2. VERIFY RACKING COUNT IS ACCURATE PRIOR TO LEAVING SHOP
 - 3. RAIL/ANCHOR SPAN TO BE LOWER OF 48" OR VALUE IN PV-2 TABLE PL1
 - 4. RAILS TO BE FASTENED USING STAGGERED PATTERN AS SHOWN IN PV-4 (2); ROW EDGE TO HAVE ATTACHMENT POINTS ON BOTH UPPER AND LOWER ROWS
 - 5. END-RAIL CANTILEVER TO BE MAXIMUM 12" (OR 40% OF MAX. SPAN); ATTACHMENT POINT NOT TO SIT OUTSIDE OF MODULE FRAME; USE RT-MINI FOR EXTRA ATTACHMENT IF REQUIRED
 - 6. RAIL TO EXCEED END-CLAMP EDGE BY 0.5"
 - 7. RAIL TO SIT WITHIN MODULE TOLERANCE RANGE, AS MEASURED FROM THE NEAREST SHORT SIDE
 - 8. SHORT SIDE CLAMPING IS NOT ALLOWED; VERTICAL RAILS OR 'SHARED RAIL' WITH LONG-SIDE CLAMPING ONLY
 - 9. SEE DETAIL PV-4 (1), (2) AND PV-2 (TABLE PL1), (1), FOR RT MINI SPACING PARAMETERS
 - 10. S-5! PROTEABRACKET AND RT MINI II COMBINATION; ADJUSTMENT MAY BE REQUIRED TO ACCOUNT FOR HEIGHT DIFFERENCE

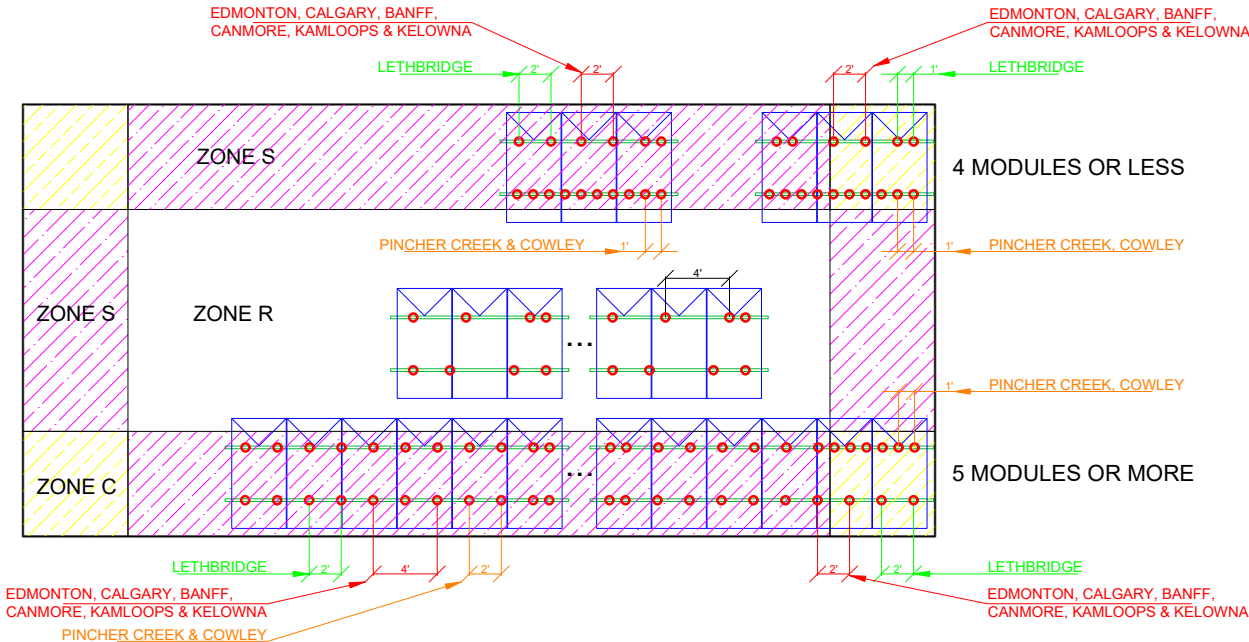
- SITE NOTES:
- 1. ATTACHMENT DEVICE: RT-MINI II



1 MODULE DETAIL
PV-4 THORNOVA TS-BBT54-G11 (495-510)



2 STANDARD RACKING/ATTACHMENT DETAIL
PV-4



3 EXAMPLE ATTACHMENT DETAIL/LOADING ZONES
PV-4 RT-MINI GABLE ROOF

MODS PER ROW	11'-6" PER ROW	15'-3" PER ROW
1	1	0
2	2	0
3	2	0
4	0	2
5	2	1
6	2	2
7	2	2
8	0	4
9	4	2
10	2	4
11	2	4
12	0	6
13	4	4
14	4	4
15	2	6
16	0	8
17	4	6
18	4	6

RACKING SPACING		
Thornova TS-BBT54-G11(495-510W)		
TOP OF PANEL	SPACING	
	IN	FT-IN
0.00	"	0' 0"
R1	19.3	1' 7"
R2	57.9	4' 10"
R3	97.0	8' 1"
R4	135.6	11' 4"
R5	174.7	14' 7"
R6	213.3	17' 9"
R7	252.4	21' 0"
R8	291.0	24' 3"
R9	330.1	27' 6"
R10	368.7	30' 9"
R11	407.8	33' 12"
R12	446.4	37' 2"
R13	485.5	40' 6"
R14	524.1	43' 8"
R15	563.2	46' 11"
R16	601.8	50' 2"
R17	640.9	53' 5"
R18	679.5	56' 8"

4 RACKING TABLES
PV-4 THORNOVA TS-BBT54-G11 (495-510)



SYSTEM INFORMATION		REV	DATE	BY	NOTES
MODULES:	24 x 500W	0	Aug/26/2025	DV	/
THORNOVA TS-BBT54-G11(500)					
INVERTER:	12 x APS - DS3-L				
RACKING:	FLUSH				
DC POWER:	12.000 kW				
AC POWER:	9.216 kW				
AZIMUTH:	215°				
TILT:	3:12				

PERMITS AND SEALS

TITLE Apex Utilities 11101 95 St High Level, AB	
JOB NO. 2025-1351	DWG PV-4
DWG DESC. RACKING DETAILS	REV 0
www.KubyEnergy.ca	

1.3. ROOFTOP CONDITIONS

The High Level site features a gabled roof with southwest and northeast facing slopes, clad in corrugated metal. The southwest face is best suited for solar, with no obstructions and good sun exposure.



Figure 4 – Satellite View



Figure 5 – Southwest Roof



Figure 7 – Corrugated Metal Trapezoid Dimensions



Figure 6 – Building Exterior, Southeast Elevation