

Lind-Ritzville Cooperative Schools
Regular Board Meeting
November 24, 2025 - 6:30 PM - LRMS Collaboration Room

Flag Salute

LIND

1. Call to Order and Establish a Quorum
 - a. Action to Excuse Absent Members
2. Approval of Agenda

RITZVILLE

1. Call to Order and Establish a Quorum
 - a. Action to Excuse Absent Members
2. Approval of Agenda

JOINT DISCUSSIONS & PRESENTATIONS

3. Public Comment
4. Student Representatives Report
5. Robotics Presentation - Tyson Kimble
6. FFA Travel Opportunity - Andy Williams
7. Zero Emissions Northwest Presentation
8. Second Reading - Policy 6230 Management Support Relations with Vendor
9. Second Reading - Policy 3210 Nondiscrimination
10. First Reading - Policy 4200 Safe and Orderly Learning Environment
11. Review - 2026 LRCS Board Meeting Dates
12. Finance
13. Board Director Reports

14. Joint Consent Agenda (Lind & Ritzville)

- a. Approval of October 27, 2025 Regular Board Meeting Minutes
- b. Personnel Actions
 - New Hires - MS Boys Basketball Assistant Coach - Dallas Killian
MS Boys Assistant Basketball Coach - Dan Crisp
HS Assistant Wrestling Coach - Logan Kennedy (50/50 split
assistant wrestling coaches salary)
- c. Special Out of State Travel for FFA Meats Team

- d. New ASB Student Activity - Robotics Team
- e. Policy Adoptions 6230 & 3210
- f. Approve 2026 Board Meeting Dates

15. Consent Agenda (Lind Only)

- a. General Fund Accounts Payable - \$43,516.59
- b. Transportation Cooperative Accounts Payable - \$38,496.06
- c. Associated Student Body Fund Accounts Payable - \$3,949.15
- d. Payroll for November 28, 2025 - \$365,949.16
- e. Approval of Solar Array Design
- f. Approve OSPI Study and Survey with Architects West

16. Consent Agenda (Ritzville Only)

- a. General Fund Accounts Payable - \$66,456.68
- b. Transportation Cooperative Accounts Payable - \$38,496.06
- c. Associated Student Body Fund Accounts Payable - \$33,169.15
- d. Capital Projects Accounts Payable - \$6,482.56
- e. Payroll for November 28, 2025 - \$485,193.58
- e. Approval of Solar Array Design
- f. Approve OSPI Study and Survey with Architects West
- g. Personnel Actions
 - New Hires - RGS Paraeducator - Deborah Binam (.5 FTE)
RGS Paraeducator - Christina Kruse (1 FTE)

17. Adjournment

Looking Ahead: OSPI Study and Survey - Lind & Ritzville Timeline
Interlocal Agreements Transportation
Early Learning Center Planning
Superintendent Search Community Forums

RITZVILLE SCHOOL DISTRICT #160-67 and LIND SCHOOL DISTRICT #158
JOINT BOARD MEETING
October 27, 2025

The meeting of the Board of Directors of Ritzville School District #160-67 and Lind School District #158 was held in the Lind-Ritzville High School Collaboration Room on October 27, 2025. The following members were in attendance:

Ritzville School Board Members:	Erin Repp	Reid Phillips
	Tia Kubik	Andy Powell

Lind School Board Members:	Adam Labes	Breanne Williamson
	Jim Weidemann	Andy Wahl
	Greg Schmunk	

Ritzville Chair Repp led the Pledge of Allegiance.

Ritzville Chair Repp called the Ritzville School Board meeting to order at 6:30 P.M.

Ritzville Director Kubik moved to excuse Director Carruth. Ritzville Director Phillips seconded the motion. A voice vote was heard with all present members voting aye. The motion carried.

Ritzville Director Phillips moved to approve the agenda. Ritzville Director Powell seconded the motion. A voice vote was heard with all present members voting aye. The motion carried.

Lind Chair Labes called the Lind School Board meeting to order at 6:30 P.M.

Lind Director Schmunk moved to approve the agenda. Lind Director Weidemann seconded the motion. A voice vote was heard with all present members voting aye. The motion carried.

Joint Items

Public Comment - After Ritzville Chair Repp read the rules and regulations for public comment, Jeff Kissler spoke about the district's OSPI Report Card, Travis DeVore spoke about the Cooperative Agreement that the board approved in April, and Jamie DeVore spoke about her concerns regarding the 4-day school week.

Frank Andrus, Rick Daley and Austin Chamberlain from Clear Risk Solutions, the school district property and building insurance managers, gave a presentation on what services they provide. They gave a handout to the boards that listed services that are included in premiums and talked about risk management, which is their main focus. They also spoke about high insurance rates, explaining that national and state issues affect rates.

Lind-Ritzville High School Student Representative Cicely Herrera shared an update on events happening at LRHS, including upcoming dates, a recap of homecoming activities and the Career Showcase. She also spoke about group activities and fall sports.

Superintendent Wargo asked the boards if the district would be interested in hosting the WSSDA Regional meeting on May 19, 2026. Hosting consists of providing a meeting space for area school directors to have dinner, network and discuss issues of local and state concern. WSSDA handles all of the registration, catering coordination, etc. The school board indicated they would be in favor of hosting the meeting.

There was a first reading of First Reading - Policy 6230 Management Support Relations with Vendor and Policy 3210 Nondiscrimination.

Lind Director Schmunk moved to approve Policy 4260 Use of School Facilities. Ritzville Director Phillips seconded the motion. A voice vote was heard with all present members voting aye. The motion carried.

Ritzville Director Kubik moved to approve Resolution # 2025-26 02 - Ritzville EP&O Levy. Ritzville Director Phillips seconded the motion. A roll call vote was heard with all present Ritzville Board members voting aye. The motion carried.

Ritzville Director Kubik moved to approve Resolution # 2025-26 03 - Ritzville Capital Projects Levy. Ritzville Director Powell seconded the motion. A roll call vote was heard with all present Ritzville Board members voting aye. The motion carried.

Lind Director Weidemann moved to approve Resolution # 2025-26 02 - Lind EP&O Levy. Lind Director Wahl seconded the motion. A roll call vote was heard with all present Lind Board members voting aye. The motion carried.

Lind Director Wahl moved to approve Resolution # 2025-26 03 - Lind Capital Projects Levy. Lind Director Williamson seconded the motion. A roll call vote was heard with all present Lind Board members voting aye. The motion carried.

Superintendent Wargo updated the boards on the ongoing Superintendent Search, sharing that information was emailed to all LRCS families and staff with information about an input survey and community forums. There will also be an ad in the Ritzville Journal and flyers have been put up in both communities with the survey and forum information.

Finance Report - Business Manager Kris Robbins gave an update on enrollment numbers, noting that Ritzville is twenty students over budget, Lind is ten students over and LR Academy is fifteen students over. September budget status is in board packets along with current year cash flow. Superintendent Wargo explained that September payables were high due to insurance premiums being paid all at once, in the past they would bill half at the beginning of the year and half due the

following month. Year end reports will be due in the next couple of weeks and noted that both districts ended with more money than anticipated. Solar project is moving forward and should see information coming out in November.

Board Member Reports - There was nothing new to report.

Ritzville Director Phillips moved to approve the Ritzville Consent Agenda as follows: Approval of September 22, 2025 Regular Board Meeting Minutes, Approval of October 15, 2025 Special Board Meeting Minutes, General Fund Accounts Payable - \$157,521.85, Transportation Cooperative Accounts Payable - \$51,635.95, Associated Student Body Fund Accounts Payable - \$16,452.93, Payroll for October 31, 2025 - \$460,641.47, Personnel Actions: New Hires - MS Boys Basketball Head Coach - Morgan Knight. Ritzville Director Powell seconded the motion. A voice vote was heard with all present members voting aye. The motion carried.

Lind Director Schmunk moved to approve the Lind Consent Agenda as follows: Approval of September 22, 2025 Regular Board Meeting Minutes, Approval of October 16, 2025 Special Board Meeting Minutes, General Fund Accounts Payable - \$63,620.63, Transportation Cooperative Accounts Payable - \$51,635.95, Associated Student Body Fund Accounts Payable - \$1797.07, Payroll for October 31, 2025 - \$358,972.09, Personnel Actions: New Hires - MS Boys Basketball Head Coach - Morgan Knight. Lind Director Weidemann seconded the motion. A voice vote was heard with all present members voting aye. The motion carried.

Looking ahead, items discussed were the OSPI study and survey, interlocal transportation agreements and early learning center planning.

At 7:38 P.M. an Executive Session (per - RCW 42.30.110) was called by both board chairs for approximately 25 minutes with no action to follow.

The Lind & Ritzville Boards came out of Executive Session at 8:08 P.M. With no further business before the board, Ritzville Chair Repp and Lind Chair Labes adjourned at 8:08 P.M.

Chairman/Date

Chairman/Date

Secretary to the Board

FIRST ROBOTICS CLUB

The **FIRST Robotics Club** is designed to inspire students to explore science, technology, engineering, and mathematics (STEM) through hands-on, competitive robotics. The club promotes creativity, problem-solving, teamwork, and leadership, while helping students build real-world technical skills that support future academic and career success.

Research shows that students engaged in STEM extracurriculars such as robotics demonstrate higher attendance rates, improved grades, and increased interest in STEM careers. FIRST (For Inspiration and Recognition of Science and Technology) Robotics combines the excitement of sport with the rigor of science and technology — often referred to as “the varsity sport for the mind.”

Types of Participation & Opportunities

The **FIRST Robotics Program** offers multiple levels of participation suitable for both middle and high school students:

- **FIRST Robotics Competition (FRC)** – For high school students interested in large-scale robotics engineering. Teams design industrial-grade robots, often weighing up to 125 pounds, and compete in regional and national events.

Participation provides opportunities for students to earn **college scholarships**, **network with STEM professionals**, and **gain internship and mentorship experiences** with industry partners.

Proposed Budget (Revenue & Expenditures)

Category	Description	Estimated Cost
Registration Fees	FIRST Registration for FTC/FRC (team entry, manuals, competition access)	\$2,500
Robotics Kits & Materials	Robot kits, building parts (metal frames, wheels, motors, sensors)	\$3,000

Tools & Equipment	Basic tools, storage bins, safety gear	\$5,000
Event Travel Costs	Transportation, lodging (if competing regionally)	\$2,000
Fundraising/Revenue Sources	Grants, Student Fundraisers, Donations, Sponsorships	Goal: \$13,000+

Total Estimated Annual Cost: \$12,000-\$13,000

Planned Funding: fundraisers, and STEM grants.

Tools and equipment costs will carry over from year to year, and certain kits and materials would need to be purchased every year.

Student Participation

- **Student Range:** Open to both **middle school and high school students** with opportunities to mentor younger members (FLL → FRC transition).
- **Current Interest:** Preliminary interest survey shows 8-10 **students** from grades 7–12 eager to participate in the first year.
- **Inclusivity:** Open to all students regardless of prior experience — teamwork and curiosity are the only prerequisites.

Program Impact

The FIRST Robotics Club fosters a collaborative environment that prepares students for college and career success. Through design challenges, competitions, and outreach, students gain valuable STEM skills, confidence, and a sense of belonging. Robotics directly supports the school's mission of **innovation, academic excellence, and community involvement**.

Season

Our season would start January 10th with the challenge kickoff and end in March. Students will work hard to build the robot for the specific challenge that is released in the kickoff event. They will have roughly 2 months to complete the build before they compete in district events.

Parent Access and Safe and Orderly Learning Environment

Contacts with Staff

The learning environment and the staff's time for students will be free from interruption. Except in emergencies, staff will not be unreasonably interrupted in their work. Brief messages will be recorded so as to permit the staff member to return the call when free.

Certificated staff will be available for consultation with students and community members. Students and community members are urged to make appointments with staff to assure an uninterrupted conference.

No one will solicit funds or conduct private business with staff on school time and premises.

Visitors

The board welcomes and encourages visits to school by parents/guardians, community members, and interested educators. Parents are assured access to their child's classroom as well as school sponsored activities for purposes of observing class procedure, teaching material, and class conduct. However, such observation must not disrupt the classroom or learning activity. The superintendent or designee will establish guidelines governing school visits to ensure orderly operation of the educational process and the safety of students and staff.

Disruption of School Operations

The superintendent or staff member in charge will direct a person to leave immediately if any person is:

- A. Under the influence of controlled substances, including marijuana (cannabis) or alcohol; or
- B. Is disrupting or obstructing any school program, activity, or meeting; or
- C. Threatens to do so or is committing, threatening to imminently commit; or
- D. Inciting another to imminently commit any act which would disturb or interfere with or obstruct any lawful task, function, process or procedure (of any student, official, classified or certificated staff member or invitee) of the school district.

If such a person refuses to leave, the superintendent or staff member will immediately call for the assistance of a law enforcement officer.

Cross References: 3510 - Associated Student Bodies
 3124 - Removal-Release of Student During School Hours
 4129 - Family Involvement

Legal References: RCW 28A.605.020 - Parents' access to classroom or school sponsored activities - Limitation
 RCW 28A.635.020 - Wilfully disobeying school administrative personnel or refusing to leave public property, violations, when - Penalty
 RCW 28A.635.030 - Disturbing school, school activities, or meetings - Penalty
 RCW 28A.635.090 - Interference by force or violence - Penalty

RCW 28A.635.100 - Intimidating any administrator, teacher, classified employee, or student by threat of force or violence unlawful - Penalty
20 U.S.C. 7908 - Armed Forces recruiter access to students and student recruiting information

Management Resources: 2022 - March Issue
 2018 - February Policy Issue
 2013 - February Issue

Adoption Date: 05.28.13
Classification: **Critical**
Revised: 12.25

Relations with Vendors

Financial and business transactions of the district will conform to the law and be consistent with sound and ethical business practices. Purchasing decisions will be made on the basis of objectivity and will not be influenced by friendships or other personal relationships. Board members, administrators or staff will not accept a gift or favor from vendors or prospective vendors or other firms or individuals who have had or hope to have transactions with the district. Financial interests of board members, administrators or staff in any district purchase, sale or other transaction will be prohibited.

Third-Party Receipting for Online Fundraising and/or Ticket Sales

If the district contracts with a vendor, firm, individual, or other entity for third-party receipting, the district will include in its contract appropriate provisions establishing the details of the payment remittance process in accordance with the Washington State Auditor's Guidance for Third Party Receipting.

Cross References:

Policy 1610 Conflicts of Interest

Policy 5251 Conflicts of Interest

Legal References:

2 CFR 200.318(c)(1)

RCW 42.23.030 Interest in contract prohibited — Exceptions

RCW 42.23.040 Remote interests

Adoption Date: 08.26.13

Lind-Ritzville Cooperative Schools

Revised:

Book: WSSDA Model Policies
Section: 3000 - Students
Title: Nondiscrimination
Number: 3210

* Revised Policy *

Nondiscrimination

The district is committed to complying with anti-discrimination laws.

Definition

"Protected status" is short for the phrase "sex, race, ethnicity, creed, religion, color, national origin, honorably discharged veteran or military status, sexual orientation, gender expression, gender identity, homelessness, immigration or citizenship status, the presence of any sensory, mental, or physical disability, neurodivergence, or the use of a trained dog guide or service animal by a person with a disability."

Nondiscrimination Statement

The district will adopt a nondiscrimination statement that must include the following:

1. Notice that the district may not discriminate in any programs or activities based on sex, race, ethnicity, creed, religion, color, national origin, honorably discharged veteran or military status, sexual orientation, gender expression, gender identity, homelessness, immigration or citizenship status, the presence of any sensory, mental, or physical disability, neurodivergence, or the use of a trained dog guide or service animal.
2. The name or title, office address, and telephone number of the employee designated as the compliance officer under this policy, the Section 504 Coordinator, and the Title IX Coordinator.
3. Notice that the district provides equal access to the Boy Scouts of America and any other youth group listed in Title 36 of the United States Code as a patriotic society.

The district will include this statement in written announcements, notices, recruitment materials, employment application forms, and other publications made available to all students, parents, or employees.

The district may combine the statement described above with the notice described in Policy 3205.

Model Student Handbook Language

The district will adopt the model student handbook language described in RCW 28A.300.286 and include the language in any student, parent, employee, and volunteer handbook it or its schools publish and on its and its schools' websites.

Discriminatory Harassment

Students have a right to be free from discriminatory harassment. The district violates that right if the following conditions are met:

1. The alleged conduct is based on a student's protected status.

2. The alleged conduct creates a hostile environment. A hostile environment is created if the alleged conduct is sufficiently severe, persistent, or pervasive that it limits or denies a student's ability to participate in or benefit from the district's course offerings, including any educational program or activity. A hostile environment could impact a student's life in many ways. Physical illness, anxiety about going to school, or a decline in grades or attendance could signal a hostile environment.

3. After receiving notice of the alleged conduct, the district fails to take prompt and appropriate action to investigate it or fails to take prompt and effective steps reasonably calculated to end the harassment, eliminate the hostile environment, prevent its recurrence, and remedy its effects as appropriate. The district has notice of discriminatory harassment if a reasonable employee knew or, in the exercise of reasonable care, should have known about the harassment. Employees may have notice of discriminatory harassment if they receive an oral report from a student, parent, or other individual; receive a written complaint; witness harassing conduct; or become aware of harassment by members of the community or the media.

Harassing conduct may include verbal acts and name-calling, graphic and written statements, or other conduct that may be physically threatening, harmful, or humiliating.

When the district receives notice of potential discriminatory harassment, it will take prompt and appropriate action to investigate and, as applicable, take prompt and effective steps reasonably calculated to end the harassment, eliminate the hostile environment, prevent its recurrence, and remedy its effects. Examples of the steps the district might take include imposing discipline, separating individuals, developing a safety plan, offering counseling, and providing additional training and instruction. These steps will not penalize the student who was harassed.

Complaint Procedure

The district will adopt a complaint procedure in accordance with chapter 392-190 WAC.

Annually, the district will publish a notice of the complaint procedure in a way that is reasonably calculated to inform all students, parents, and employees of it. The district will provide the notice in a language each parent can understand, which may require language assistance in accordance with Title VI of the Civil Rights Act of 1964 for those with limited English proficiency.

The district will not adopt any policy, procedure, or practice that would limit a person's right to file a complaint under the complaint procedure.

Compliance Officer

The superintendent will designate an employee who is responsible for monitoring and coordinating the district's compliance with chapter 392-190 WAC and the guidelines the Office of the Superintendent of Public Instruction has adopted under WAC 392-190-005.

The compliance officer is responsible for ensuring that all complaints filed under the complaint procedure are promptly investigated and resolved.

Training

The district will train all administrators, certificated personnel, and classroom personnel regarding their responsibilities under this policy and chapter 392-190 WAC. The training will aim to raise awareness of and eliminate bias based on sex, race, creed, religion, color, national origin, honorably discharged veteran or military status, sexual orientation, gender expression, gender identity, the presence of any sensory, mental or physical disability, or the use of a trained dog guide or service animal.

Retaliation Prohibited

The district will not intimidate, threaten, coerce, or discriminate against any individual who seeks to secure their rights under this policy or chapter 392-190 WAC or because the individual has filed a complaint under the complaint procedure. Further, the district will not tolerate someone else retaliating against another because they sought to secure their rights under this policy or chapter 392-190 WAC or because they have filed a complaint under the complaint procedure.

Any person who retaliates will be subject to appropriate discipline.

Legal References

RCW 28A.300.286 Discrimination, harassment, intimidation, and bullying...Policies and complaint procedures...Posting of model student handbook language
Chapter 392-190 WAC Equal Educational Opportunity...Unlawful Discrimination Prohibited
Chapter 28A.640 RCW Sexual equality
Chapter 28A.642 RCW Discrimination prohibition
Chapter 49.60 RCW Discrimination ... Human rights commission
WAC 392-190-020 Training...Staff responsibilities...Bias awareness
20 U.S.C. .. 7905 Boy Scouts of American Equal Access Act
42 U.S.C. 12101-12213 Americans with Disabilities Act
20 U.S.C. 1681...1688 Title IX of the Education Amendments of 1972
42 U.S.C. 2000d, et seq. Title VI of the Civil Rights Act of 1964
34 CFR Part 100 Nondiscrimination Under Programs Receiving Federal Assistance Through the Department of Education Effectuation of Title VI of the Civil Rights Act of 1964
34 CFR 104 Nondiscrimination on the basis of handicap in programs or activities receiving federal financial assistance
34 CFR Part 106 Nondiscrimination on the Basis of Sex in Education Programs or Activities Receiving Federal Financial Assistance

Cross References

2020 - Course Design, Selection, and Adoption of Instructional Materials
2030 - Service Animals in Schools
2140 - Guidance and Counseling
2150 - Co-Curricular Program
2151 - Interscholastic Activities
3205 - Sexual Harassment of Students Prohibited
3206 - Pregnant and Parenting Students
3207 - Prohibition of Harassment, Intimidation, and Bullying of Students

3211 - Gender-Inclusive Schools
4217 - Effective Communication
4260 - Use of School Facilities

Management Resources

2016 - March Issue
2014 - December Issue
2013 - April Issue
2012 - December Issue
2011 - June Issue
Policy News, August 2007 Washington's Law Against Discrimination

* Current Policy *

Policy: 3210
Section: 3000 - Students

Nondiscrimination

The district will provide equal educational opportunity and treatment for all students in all aspects of the academic and activities program without discrimination based on race, religion, creed, color, national origin, age, honorably-discharged veteran or military status, sex, sexual orientation, gender expression or identity, marital status, the presence of any sensory, mental or physical disability, or the use of a trained dog guide or service animal by a person with a disability. The district will provide equal access to school facilities to the Boy Scouts of America and all other designated youth groups listed in Title 36 of the United States Code as a patriotic society. District programs will be free from sexual harassment. Auxiliary aids and services will be provided upon request to individuals with disabilities.

Conduct against any student that is based on one of the categories listed above that is sufficiently severe, persistent or pervasive as to limit or deny the student's ability to participate in or benefit from the district's course offerings; educational programming or any activity will not be tolerated. When a district employee knows, or reasonably should know, that such discriminatory harassment is occurring or has occurred, the district will take prompt and effective steps reasonably calculated to end the harassment, prevent its recurrence and remedy its effects.

The district's nondiscrimination statement will be included in all written announcements, notices, recruitment materials, employment applications, and other publications made available to all students, parents, or employees. The statement will include: 1) notice that the district will not discriminate in any programs or activities on the basis of any of the above-listed categories; 2) the name and contact information of the district's compliance officer designated to ensure compliance with this policy; and 3) the names and contact information of the district's Section 504 and Title IX compliance officers.

The district will annually publish notice reasonably calculated to inform students, students' parents/guardians (in a language that they can understand, which may require language assistance), and employees of the district's discrimination complaint procedure.

The superintendent will designate a staff member to serve as the compliance officer for this policy. The compliance officer will be responsible for investigating any discrimination complaints communicated to the district.

The district will provide training to administrators and certificated and classroom personnel regarding their responsibilities under this policy and to raise awareness of and eliminate bias and discrimination based on the protected classes identified in this policy.

Cross References:

2020 - Course Design, Selection and Adoption of Instructional Materials
2030 - Service Animals in Schools
2140 - Guidance and Counseling
2150 - Co-Curricular Program
2151 - Interscholastic Activities
3211 - Gender-Inclusive Schools
4217 - Effective Communication
4260 - Use of School Facilities

Proposed 2026 LRCS Board Meeting Dates

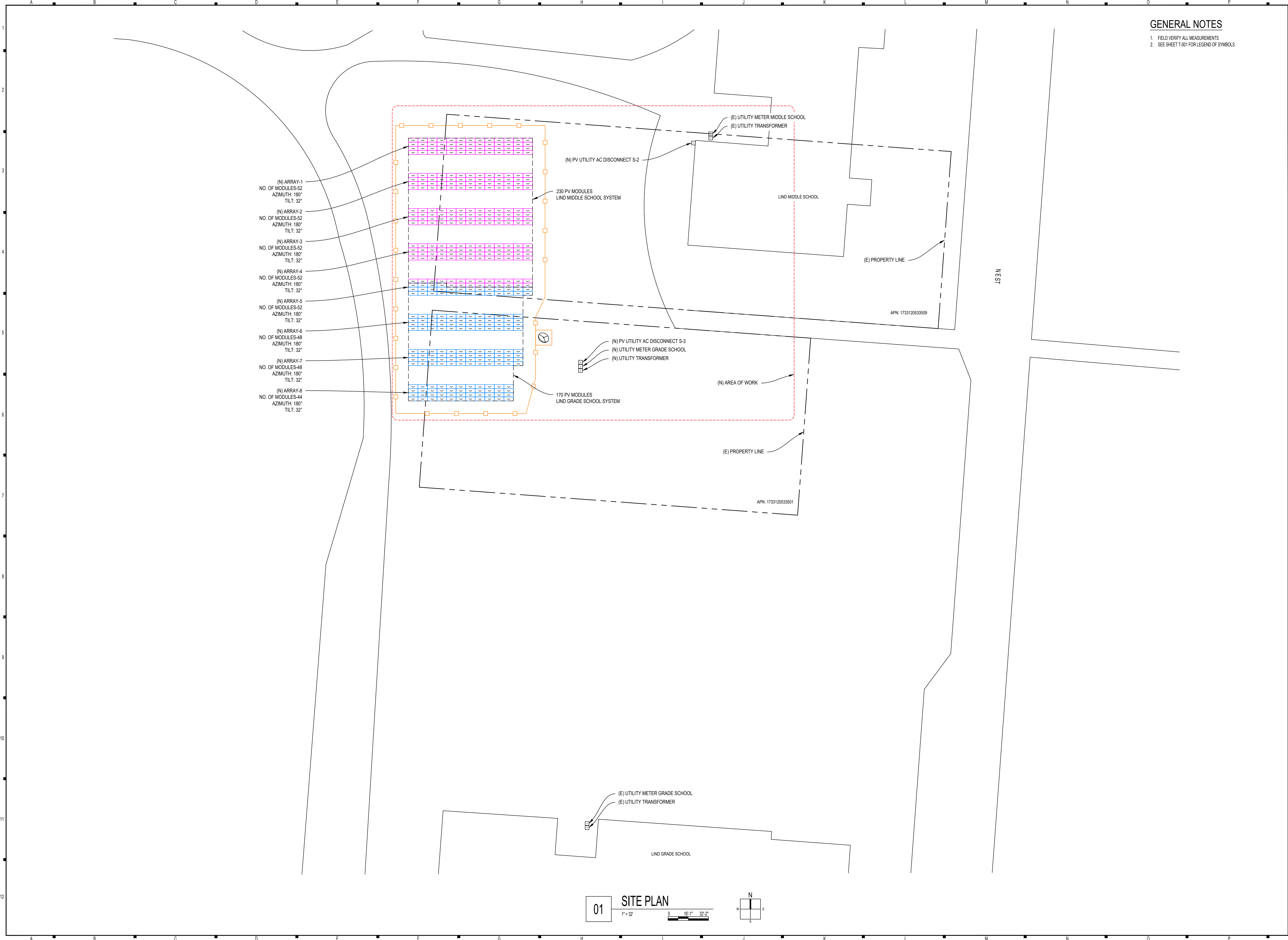
Proposed 2026 LRCS Board Meeting Dates		
Proposed 2026 Dates	2025 Dates	Location
January 26, 2026	January 23, 2025	Lind
February 23, 2026	February 24, 2025	Ritzville
March 23, 2026	March 24, 2025	Lind
April 27, 2026	April 28, 2025	Ritzville
May 26, 2026	May 27, 2025	Lind
June 22, 2026	June 24, 2025	Ritzville
July 27, 2026	July 28, 2025	Lind
August 24, 2026	August 25, 2025	Ritzville
September 28, 2026	September 22, 2025	Lind
October 26, 2026	October 27, 2025	Ritzville
November 23, 2026	November 24, 2025	Lind
December 17, 2026	December 18, 2025	Ritzville

11/4/25

Age	Number of respondents
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12

DISCLAIMER: PLEASE NOTE THAT THE ABBREVIATIONS, ANNOTATIONS, AND SYMBOLS LISTED ARE INTENDED TO ILLUSTRATE THOSE THAT ARE COMMONLY USED; NOT ALL ARE NECESSARILY UTILIZED WITHIN THIS SET OF DRAWINGS.

T-001.00



GENERAL NOTES

- 1. FIELD VERIFY ALL MEASUREMENTS
- 2. SEE SHEET T-001 FOR LEGEND OF SYMBOLS



CONTRACTOR
ELLENSBURG SOLAR LLC
PHONE: (509) 929-2728
LIC. NO.: ELLENSLB64RR
UNAUTHORIZED USE OF THIS
DRAWING SET WITHOUT WRITTEN
PERMISSION FROM CONTRACTOR IS IN
VIOLATION OF U.S. COPYRIGHT LAWS
AND WILL BE SUBJECT TO CIVIL
DAMAGES AND PROSECUTIONS.

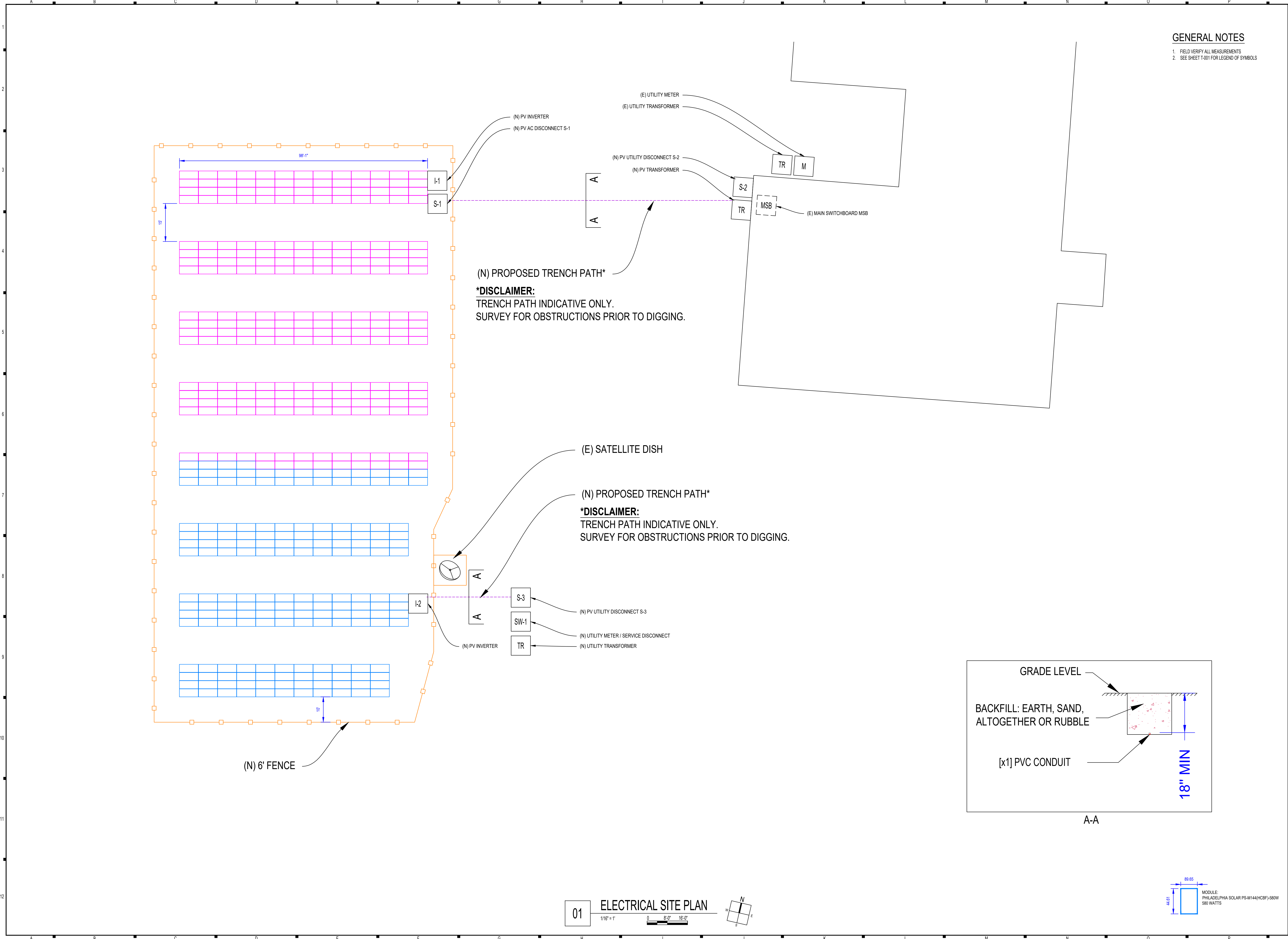
REVISION / RELEASE		
NO.	DESCRIPTION	DATE

PROJECT
NEW PV SYSTEM: 232.00 kWp DC, 200.00 kVA AC
**25-0370 ZEN - LIND
SCHOOL DISTRICT**
507 N E ST,
LIND, WA 99341
APN: 1733120533501, 1733120533509

ENGINEER OF RECORD

PAPER SIZE: 36" x 24" (ARCH D)
SHEET TITLE:
SITE PLAN
(SHEET 2 OF 12)
DATE: 11.11.2025
DESIGN BY: P.P.
CHECKED BY: C.B.
SHEET NUMBER:

A-101.00



CONTRACTOR
ELLENSBURG SOLAR LLC

PHONE: (509) 929-2728

LIC. NO.: ELLENSLB64RR

UNAUTHORIZED USE OF THIS DRAWING SET WITHOUT WRITTEN PERMISSION FROM CONTRACTOR IS IN VIOLATION OF U.S. COPYRIGHT LAWS AND WILL BE SUBJECT TO CIVIL DAMAGES AND PROSECUTIONS.

REVISION / RELEASE		
NO.	DESCRIPTION	DATE

PROJECT

NEW PV SYSTEM: 232.00 kWp DC, 200.00 kVA AC

25-0370 ZEN - LIND SCHOOL DISTRICT

507 N E ST,
LIND, WA 99341

APN: 1733120533501, 1733120533509

ENGINEER OF RECORD

PAPER SIZE: 36" x 24" (ARCH D)

SHEET TITLE:
ELECTRICAL SITE PLAN

(SHEET 3 OF 12)

DATE: 11.11.2025
DESIGN BY: P.P.
CHECKED BY: C.B.

SHEET NUMBER:

A-102.00



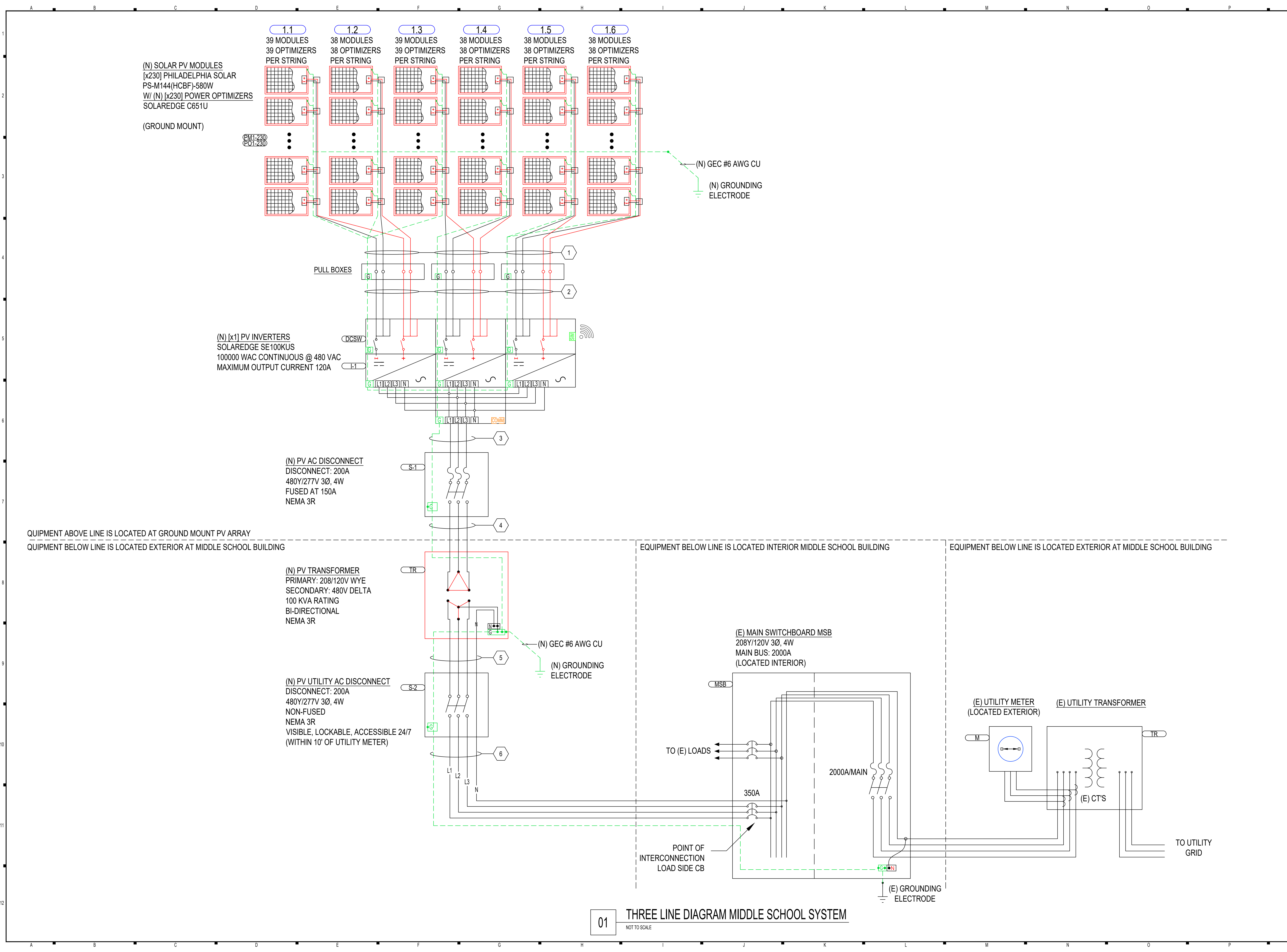
CONTRACTOR	
ELLENSBURG SOLAR LLC	
PHONE:	(509) 929-2728
LIC. NO.:	ELLENSL84RR
UNAUTHORIZED USE OF THIS DRAWING SET WITHOUT WRITTEN PERMISSION FROM CONTRACTOR IS IN VIOLATION OF U.S. COPYRIGHT LAWS AND WILL BE SUBJECT TO CIVIL DAMAGES AND PROSECUTIONS.	

REVISION / RELEASE		
NO.	DESCRIPTION	DATE

PROJECT	
NEW PV SYSTEM: 232.00 kWp DC, 200.00 kVA AC	
25-0370 ZEN - LIND SCHOOL DISTRICT	
507 N E ST. LIND, WA 99341	
APN: 1733120533501, 1733120533509	

ENGINEER OF RECORD	

PAPER SIZE: 36" x 24" (ARCH D)	
SHEET TITLE:	
STRING PLAN	
(SHEET 4 OF 12)	
DATE: 11.11.2025	
DESIGN BY: P.P.	
CHECKED BY: C.B.	
SHEET NUMBER:	
A-103.00	



01 THREE LINE DIAGRAM MIDDLE SCHOOL SYSTEM
NOT TO SCALE



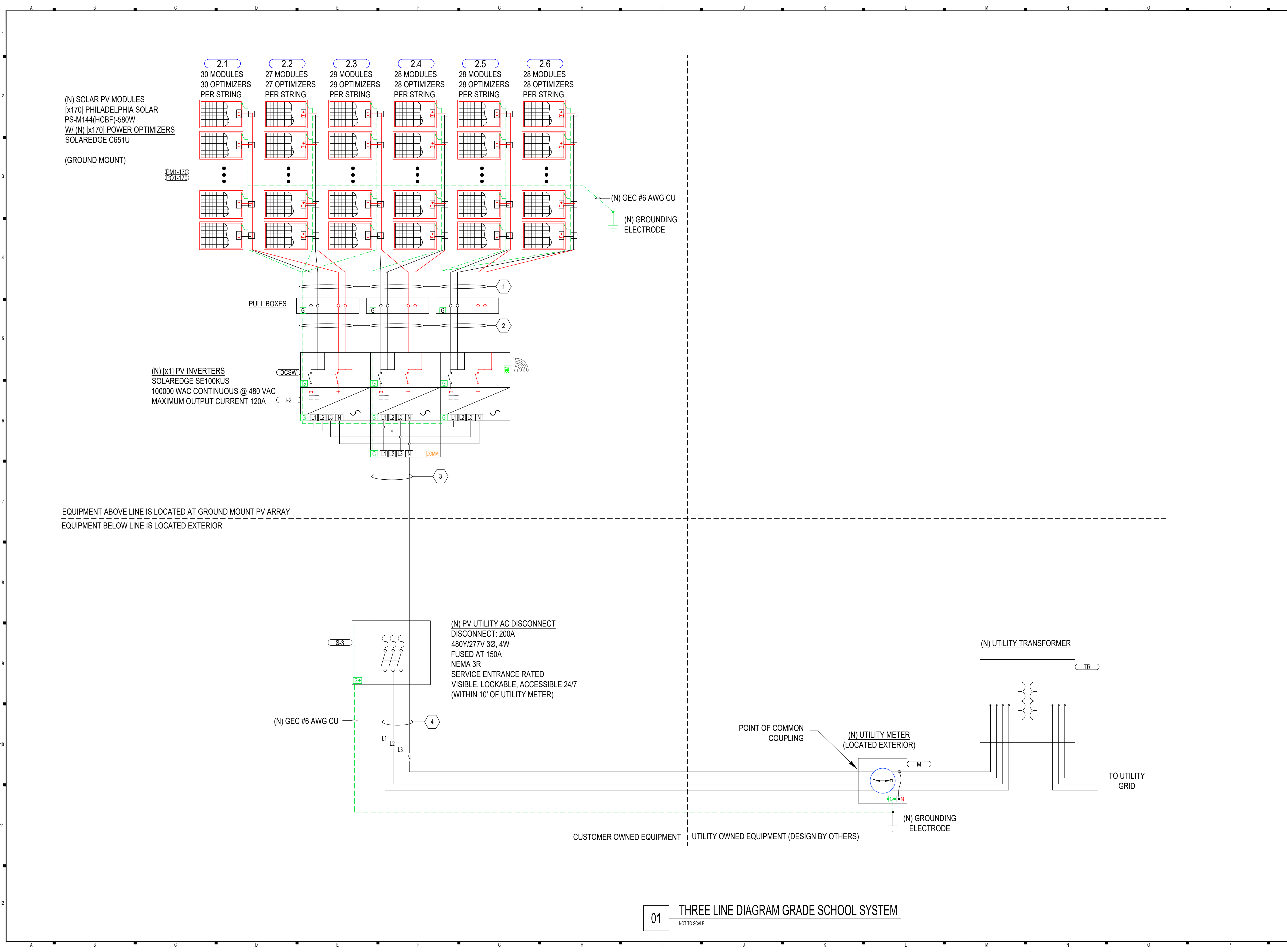
CONTRACTOR
ELLENSBURG SOLAR LLC
PHONE: (509) 929-2728
LIC. NO.: ELLENSLB64RR
UNAUTHORIZED USE OF THIS
DRAWING SET WITHOUT WRITTEN
PERMISSION FROM CONTRACTOR IS IN
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AND WILL BE SUBJECT TO CIVIL
DAMAGES AND PROSECUTIONS.

REVISION / RELEASE		
NO.	DESCRIPTION	DATE

PROJECT
NEW PV SYSTEM: 232.00 kWp DC, 200.00 kVA AC

25-0370 ZEN - LIND
SCHOOL DISTRICT
507 N E ST,
LIND, WA 99341
APN: 1733120533501, 1733120533509
ENGINEER OF RECORD

PAPER SIZE: 36" x 24" (ARCH D)
SHEET TITLE:
THREE LINE DIAGRAM MIDDLE
SCHOOL SYSTEM
(SHEET 6 OF 12)
DATE: 11.11.2025
DESIGN BY: P.P.
CHECKED BY: C.B.
SHEET NUMBER:
E-601.00



01 THREE LINE DIAGRAM GRADE SCHOOL SYSTEM
NOT TO SCALE



CONTRACTOR
ELLENSBURG SOLAR LLC
PHONE: (509) 929-2728
LIC. NO.: ELLENSL86ARR
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DAMAGES AND PROSECUTIONS.

REVISION / RELEASE		
NO.	DESCRIPTION	DATE

PROJECT
NEW PV SYSTEM: 232.00 kWp DC, 200.00 kVA AC
**25-0370 ZEN - LIND
SCHOOL DISTRICT**
507 N E ST.
LIND, WA 99341
APN: 1733120533501, 1733120533509
ENGINEER OF RECORD

PAPER SIZE: 36" x 24" (ARCH D)
SHEET TITLE:
THREE LINE DIAGRAM GRADE
SCHOOL SYSTEM
(SHEET 8 OF 12)
DATE: 11.11.2025
DESIGN BY: P.P.
CHECKED BY: C.B.
SHEET NUMBER:
E-603.00

AIA[®] Document B105[®] – 2017

Standard Short Form of Agreement Between Owner and Architect

AGREEMENT made as of the Twenty-fourth day of November in the year Two Thousand Twenty-Five
(In words, indicate day, month and year.)

BETWEEN the Owner:
(Name, legal status, address and other information)

Lind School District
N. 507 E. Street
Lind, WA 99341
Telephone: (509) 659-1660

and the Architect:
(Name, legal status, address and other information)

Architects West, Inc.
210 E. Lakeside Avenue
Coeur d'Alene, ID 83814
Telephone: (208) 667-9402

for the following Project:
(Name, location and detailed description)

Lind School District Study and Survey
Lind, WA

The Owner and Architect agree as follows.

ADDITIONS AND DELETIONS:
The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

ARTICLE 1 ARCHITECT'S RESPONSIBILITIES

The Architect shall provide architectural services for the Project as described in this Agreement. The Architect shall perform its services consistent with the professional skill and care ordinarily provided by architects practicing in the same or similar locality under the same or similar circumstances. The Architect shall perform its services as expeditiously as is consistent with such professional skill and care and the orderly progress of the Project. The Architect shall assist the Owner in determining consulting services required for the Project. The Architect's services include the following consulting services, if any:

Preparation of the Study and Survey Report and related information for ICOS.

(Paragraph Deleted)

ARTICLE 2 OWNER'S RESPONSIBILITIES

The Owner shall provide full information about the District's facilities. The Owner shall provide information as expeditiously as necessary for the orderly progress of the Project. The Architect shall be entitled to rely on the accuracy and completeness of the Owner's information.

ARTICLE 3 USE OF DOCUMENTS

The Study & Survey Report prepared by the Architect is the Architect's Instruments of Service, and for OSPI and the Owner's use. The Owner agrees to indemnify the Architect from all costs and expenses related to claims arising from the Owner's use of the Instruments of Service without retaining the Architect. When transmitting copyright-protected information for use on the Project, the transmitting party represents that it is either the copyright owner of the information, or has permission from the copyright owner to transmit the information for its use on the Project.

ARTICLE 4 TERMINATION, SUSPENSION OR ABANDONMENT

In the event of termination, suspension or abandonment of the Project by the Owner, the Architect shall be compensated for services performed. The Owner's failure to make payments in accordance with this Agreement shall be considered substantial nonperformance and sufficient cause for the Architect to suspend or terminate services. Either the Architect or the Owner may terminate this Agreement after giving no less than seven days' written notice if the Project is suspended for more than 90 days, or if the other party substantially fails to perform in accordance with the terms of this Agreement. Except as otherwise expressly provided herein, this Agreement shall terminate one year from the date of Substantial Completion.

ARTICLE 5 MISCELLANEOUS PROVISIONS

This Agreement shall be governed by the law of the place where the Project is located. Terms in this Agreement shall have the same meaning as those in AIA Document A105-2017, Standard Short Form of Agreement Between Owner and Contractor. Neither party to this Agreement shall assign the contract as a whole without written consent of the other.

Nothing contained in this Agreement shall create a contractual relationship with, or a cause of action in favor of, a third party against either the Owner or the Architect.

The Architect shall have no responsibility for the discovery, presence, handling, removal or disposal of, or exposure of persons to, hazardous materials or toxic substances in any form at the Project site.

EXTENT OF AGREEMENT. This Agreement represents the entire and integrated agreement between the Client and Architect and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement may be amended only by written instrument signed by both the Client and the Architect.

MEDIATION. It is understood and agreed that in the event any dispute, controversy, or conflict should arise during the design and construction of the project or following its completion, the parties hereto will cooperate in good faith and, if possible, resolve the issues without resort to arbitration or litigation. Should the parties be unable to reach agreement, an independent mediator will be selected to assist in a further effort to resolve the dispute prior to any arbitration or litigation.

ARTICLE 6 PAYMENTS AND COMPENSATION TO THE ARCHITECT

The Architect's Compensation shall be:

Architects West proposes a lump sum not-to-exceed fee the amount of the Study and Survey Grant, which is anticipated to be \$6,322.00.

The Owner shall pay the Architect an initial payment of Zero (\$ 0.00) as a minimum payment under this Agreement. The initial payment shall be credited to the final invoice.

The Owner shall reimburse the Architect for expenses incurred in the interest of the Project, plus ten percent (10 %).

Payments are due and payable upon receipt of the Architect's monthly invoice. Amounts unpaid thirty (30) days after the invoice date shall bear interest from the date payment is due at the rate of ten percent (10 %) per annum , or in the absence thereof, at the legal rate prevailing at the principal place of business of the Architect.

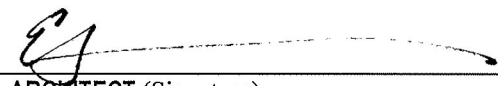
At the request of the Owner, the Architect shall provide additional services not included in Article 1 for additional compensation. Such additional services may include, but not be limited to, providing or coordinating services of consultants not identified in Article 1; revisions due to changes in the Project scope, quality or budget, or due to Owner-requested changes in the approved design; evaluating changes in the Work and Contractors' requests for substitutions of materials or systems; providing services necessitated by the Contractor's failure to perform; and the extension of the Architect's Article 1 services beyond twelve (12) months of the date of the grant award letter through no fault of the Architect.

(Paragraphs Deleted)

This Agreement entered into as of the day and year first written above.

OWNER (Signature)

(Printed name and title)



ARCHITECT (Signature)

Ed Champagne, Principal

(Printed name, title, and license number, if required)

NEW PV SYSTEM: 285.360 kW DC, 200.000 kW AC

PROPERTY OWNER: 25-0343 LIND-RITZVILLE HIGH SCHOOL & GRADE SCHOOL

401 E 6TH AVE, RITZVILLE, WA 99169



CONTRACTOR

ELLENSBURG SOLAR LLC

PHONE: 509-929-2728

ADDRESS: PO BOX 1681

ELLENSBURG, WA 98926

LIC. NO.: ELLENSL864RR

UNAUTHORIZED USE OF THIS

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AND WILL BE SUBJECT TO CIVIL

DAMAGES AND PROSECUTIONS.

NEW PV SYSTEM:

285.360 kW DC

200.000 kW AC

PROPERTY OWNER:

25-0343 LIND-RITZVILLE

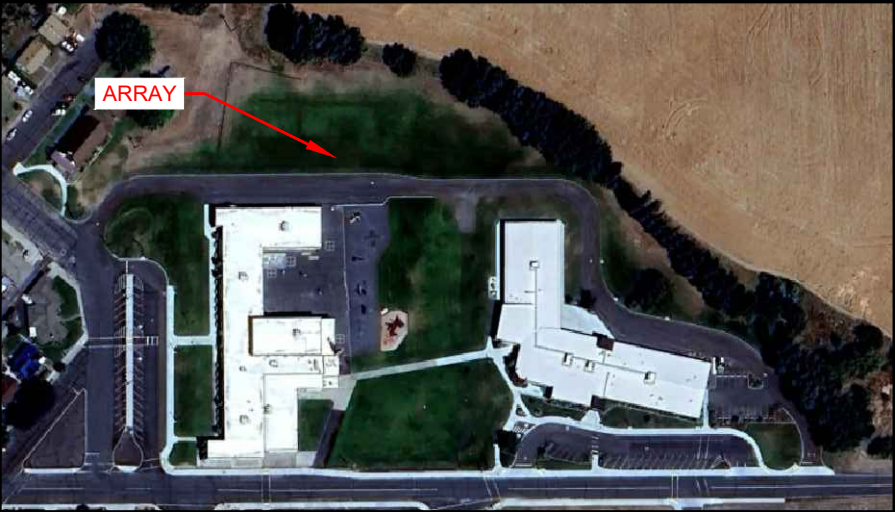
HIGH SCHOOL & GRADE SCHOOL

401 E 6TH AVE

RITZVILLE, WA 99169

APN: 1935230880001

ENGINEER OF RECORD



SHEET CATALOG

PAGE NO.	DESCRIPTION
T - 001	COVER SHEET
A - 100	PROPERTY PLAN
A - 101	ELECTRICAL PLAN
A - 102	STRINGING PLAN
E - 601	LINE DIAGRAM GRADE SCHOOL
E - 601.1	LINE DIAGRAM HIGH SCHOOL
E - 602	PLACARDS
RD - 00	RESOURCE DOCUMENTS

- 1.1.1 **PROJECT NOTES:**
- 1.1.2 THIS PHOTOVOLTAIC (PV) SYSTEM SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE (NEC) ARTICLE 690, ALL MANUFACTURERS'S LISTING AND INSTALLATION INSTRUCTIONS, AND THE RELEVANT CODES AS SPECIFIED BY THE AUTHORITY HAVING JURISDICTION'S (AHJ) APPLICABLE CODES.
- 1.1.3 THE UTILITY INTERCONNECTION APPLICATION MUST BE APPROVED AND PV SYSTEM INSPECTED PRIOR TO PARALLEL OPERATION
- 1.1.4 ALL PV SYSTEM COMPONENTS; MODULES, UTILITY-INTERACTIVE INVERTERS, AND SOURCE CIRCUIT COMBINER BOXES ARE IDENTIFIED AND LISTED FOR USE IN PHOTOVOLTAIC SYSTEMS AS REQUIRED BY NEC 690.4: **PV MODULES:** UL1703, IEC61730, AND IEC61215, AND NFPA 70 CLASS C FIRE **INVERTERS:** UL 1741 CERTIFIED, IEEE 1547, 929, 519 **COMBINER BOX(ES):** UL 1703 OR UL 1741 ACCESSORY
- 1.1.5 MAX DC VOLTAGE CALCULATED USING MANUFACTURER PROVIDED TEMP COEFFICIENT FOR VOC. IF UNAVAILABLE, MAX DC VOLTAGE CALCULATED ACCORDING TO NEC 690.7.
- 1.1.6 ALL INVERTERS, PHOTOVOLTAIC MODULES, PHOTOVOLTAIC PANELS, AND SOURCE CIRCUIT COMBINERS INTENDED FOR USE IN A PHOTOVOLTAIC POWER SYSTEM WILL BE IDENTIFIED AND LISTED FOR THE APPLICATION PER 690.4 (D). SHALL BE INSTALLED ACCORDING TO ANY INSTRUCTIONS FROM LISTING OR LABELING [NEC 110.3].
- 1.1.7 ALL SIGNAGE TO BE PLACED IN ACCORDANCE WITH LOCAL BUILDING CODE. IF EXPOSED TO SUNLIGHT, IT SHALL BE UV RESISTANT. ALL PLAQUES AND SIGNAGE WILL BE INSTALLED AS REQUIRED BY THE NEC AND AHJ.
- 1.2.1 **SCOPE OF WORK:**
- 1.2.2 PRIME CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND SPECIFICATIONS OF THE GRID-TIED PHOTOVOLTAIC SYSTEM RETROFIT. PRIME CONTRACTOR WILL BE RESPONSIBLE FOR COLLECTING EXISTING ONSITE REQUIREMENTS TO DESIGN, SPECIFY, AND INSTALL THE EXTERIOR GROUND-MOUNTED PORTION OF THE PHOTOVOLTAIC SYSTEMS DETAILED IN THIS DOCUMENT.
- 1.3.1 **WORK INCLUDES:**
- 1.3.2 PV ATTACHMENTS - SUNMOD0: SUNTURF
- 1.3.3 PV RACKING SYSTEM INSTALLATION - SUNMOD0: SMR300
- 1.3.4 PV MODULE AND INVERTER INSTALLATION - PS-M144(HCBF)-580W/SOLAREEDGE SE100KUS & (2) SOLAREEDGE SE50KUS 50.000 kW INVERTER
- 1.3.5 PV EQUIPMENT GROUNDING - EXISTING GROUND ROD, ARRAY FRAME TO #6 AWG SOLID CU
- 1.3.6 PV SYSTEM WIRING
- 1.3.7 PV LOAD CENTERS (IF INCLUDED)
- 1.3.8 PV METERING/MONITORING (IF INCLUDED)
- 1.3.9 PV DISCONNECTS (IF INCLUDED)
- 1.3.10 PV FINAL COMMISSIONING
- 1.3.11 (E) ELECTRICAL EQUIPMENT RETROFIT FOR PV
- 1.3.12 SIGNAGE PLACED IN ACCORDANCE WITH LOCAL BUILDING CODE

SYSTEM SPECIFICATIONS

SYSTEM SIZE:

139.200 kW DC, 100.000 kW AC - GRADE SCHOOL

146.160 kW DC, 100.000 kW AC - HIGH SCHOOL

(492) PHILADELPHIA SOLAR: PS-M144(HCBF)-580W, 580W

(1) SOLAREEDGE: SOLAREEDGE SE100KUS 100.000 kW INVERTER

& (2) SOLAREEDGE SE50KUS 50.000 kW INVERTER

(246) SOLAREEDGE S1200 OPTIMIZER

ATTACHMENT TYPE: SUNMOD0: SUNTURF

MSP UPGRADE: NO

MCB DOWNSIZE: NO

CUSTOMER INFO

PROPERTY OWNER:

25-0343 LIND-RITZVILLE

HIGH SCHOOL & GRADE SCHOOL

ACCOUNT HOLDER:

25-0343 LIND-RITZVILLE HIGH

SCHOOL & GRADE SCHOOL

PROJECT MANAGER

NAME:

COLBY PEONE

PHONE:

253-359-0349

CONTRACTOR

NAME:

ELLENSBURG SOLAR LLC

PHONE:

509-929-2728

AUTHORITIES HAVING JURISDICTION

BUILDING:

WA STATE L&I

ZONING:

WA STATE L&I

DESIGN SPECIFICATIONS

RISK CATEGORY:

III

CONSTRUCTION:

COMMERCIAL

ZONING:

COMMERCIAL

GROUND SNOW LOAD:

30 PSF

WIND EXPOSURE:

B

WIND SPEED:

100 MPH

APPLICABLE CODES & STANDARDS

BUILDING:

2021 IBC

ELECTRICAL:

NEC 2020

REVISIONS		
REV	DESCRIPTION	DATE

PAPER SIZE: 11" x 17" (ANSI B)

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COVER SHEET

(PAGE T-001)

GENERAL NOTES

- 1. FIELD VERIFY ALL MEASUREMENTS
- 2. ITEMS BELOW MAY NOT BE ON THIS PAGE

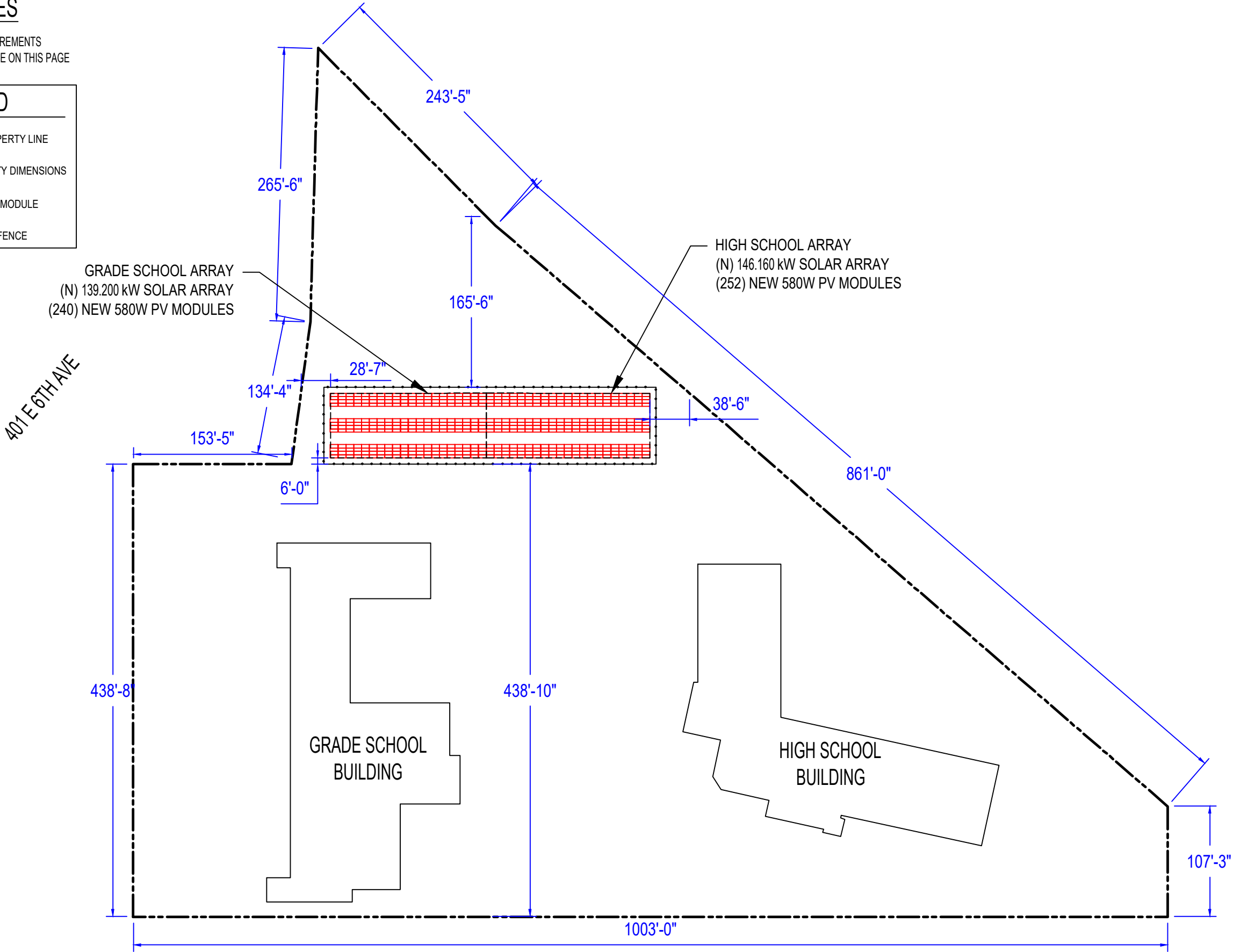
LEGEND

PROPERTY LINE

PROPERTY DIMENSIONS

PV MODULE

FENCE



01

PROPERTY PLAN

SCALE: 1/100" = 1'

N

W

E

S

NOTE: ADDITIONAL NEIGHBORING PARCELS NOT DEPICTED



CONTRACTOR
ELLENSBURG SOLAR LLC

PHONE: 509-929-2728
ADDRESS: PO BOX 1681
ELLENSBURG, WA 98926

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NEW PV SYSTEM:
285.360 kW DC
200.000 kW AC
PROPERTY OWNER:
25-0343 LIND-RITZVILLE
HIGH SCHOOL & GRADE SCHOOL
401 E 6TH AVE
RITZVILLE, WA 99169
APN: 1935230880001

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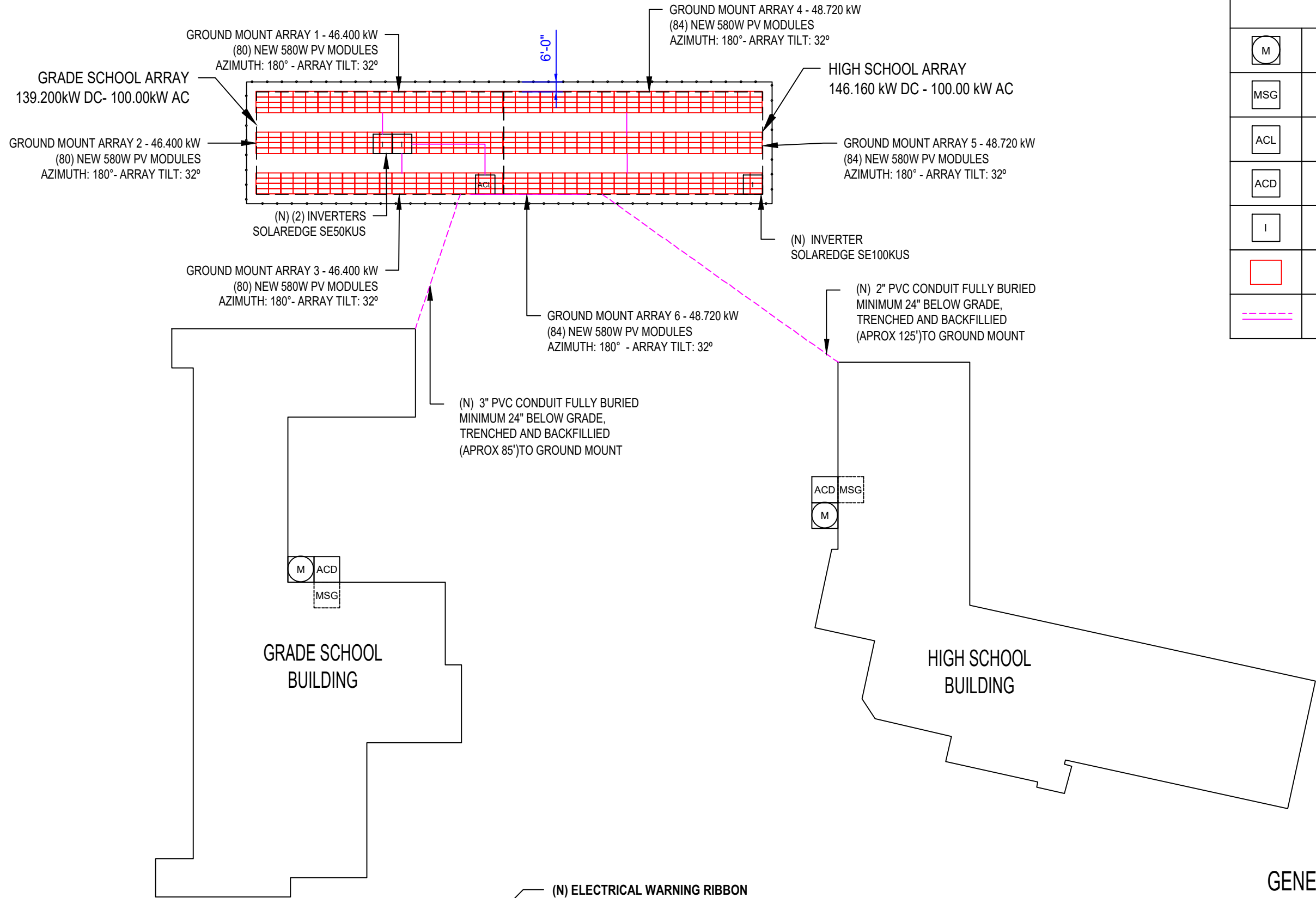
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PROPERTY PLAN
(PAGE A-100)



LEGEND	
	UTILITY METER
	MAIN SWITCH GEAR
	AC LOAD CENTER
	AC DISCONNECT
	INVERTER
	PV MODULE AND S1200 OPTIMIZER
	CONDUIT



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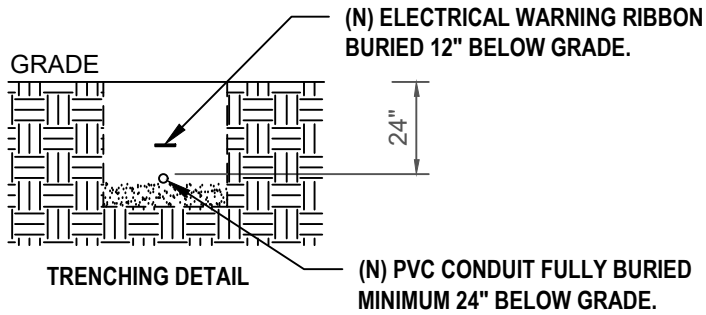
PROPERTY OWNER:
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HIGH SCHOOL & GRADE SCHOOL
401 E 6TH AVE
RITZVILLE, WA 99169
APN: 1935230880001

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01

ELECTRICAL PLAN

SCALE: 1/64" = '1'-0"



GENERAL NOTES

1. FIELD VERIFY ALL MEASUREMENTS
2. ITEMS BELOW MAY NOT BE ON THIS PAGE

	MODULE TYPE & QTY.	(492) PHILADELPHIA SOLAR PS-M144(HCBF)-580W 580W
	INVERTER TYPE & QTY.	(1) SOLAREEDGE SOLAREEDGE SE100KUS (480V) (2) SOLAREEDGE SE50KUS (208V)

REVISIONS		
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DATE: 11/11/2025 DESIGN BY: OM		
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ELECTRICAL PLAN (PAGE A-101)		



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LIC. NO.: ELLENSL864RR

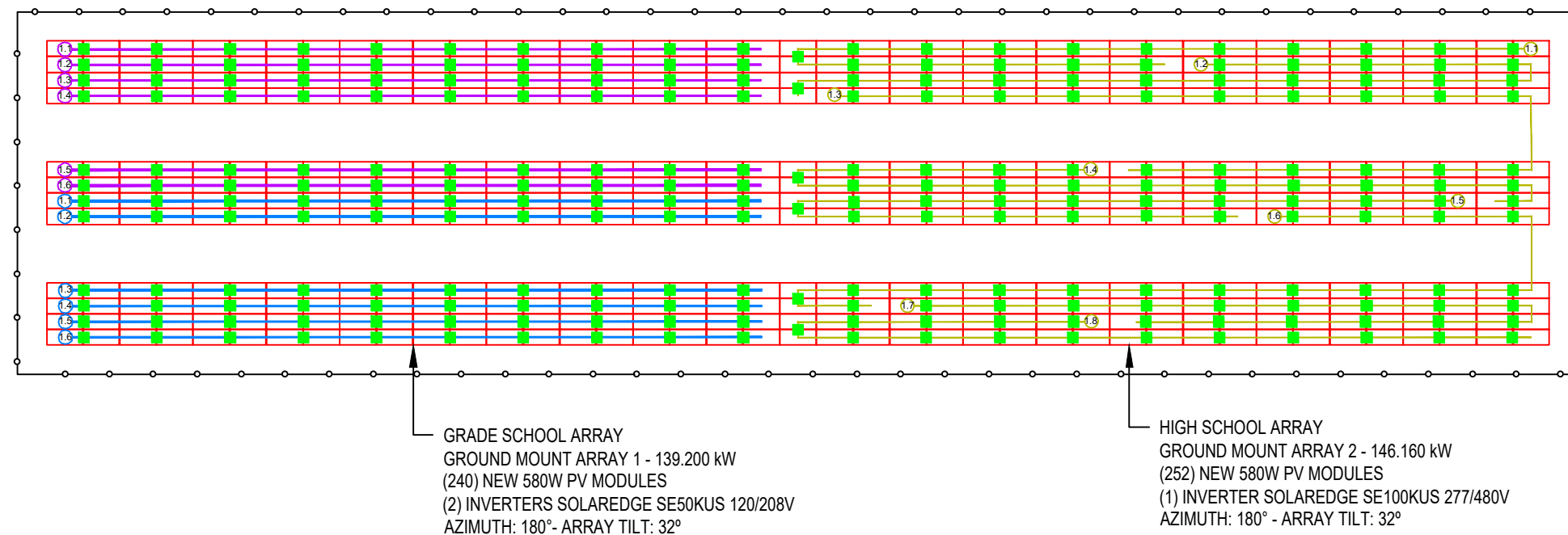
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NEW PV SYSTEM:
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200.000 kW AC
PROPERTY OWNER:
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HIGH SCHOOL & GRADE SCHOOL
401 E 6TH AVE
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APN: 1935230880001

ENGINEER OF RECORD

LEGEND

	PV STRING INDICATOR
	PV MODULE
	OPTIMIZER S1200



GRADE SCHOOL ARRAY
GROUND MOUNT ARRAY 1 - 139.200 kW
(240) NEW 580W PV MODULES
(2) INVERTERS SOLAREEDGE SE50KUS 120/208V
AZIMUTH: 180° - ARRAY TILT: 32°

HIGH SCHOOL ARRAY
GROUND MOUNT ARRAY 2 - 146.160 kW
(252) NEW 580W PV MODULES
(1) INVERTER SOLAREEDGE SE100KUS 277/480V
AZIMUTH: 180° - ARRAY TILT: 32°

GRADE SCHOOL ARRAY

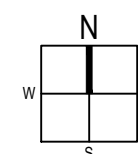
1 SE50KUS (SE-TRI) 139%	2 SE50KUS (SE-TRI) 139%
Center:	Center:
1.1 10 x S1200 20 580W	2.1 10 x S1200 20 580W
1.2 10 x S1200 20 580W	2.2 10 x S1200 20 580W
Left:	Left:
1.3 10 x S1200 20 580W	2.3 10 x S1200 20 580W
1.4 10 x S1200 20 580W	2.4 10 x S1200 20 580W
Right:	Right:
1.5 10 x S1200 20 580W	2.5 10 x S1200 20 580W
1.6 10 x S1200 20 580W	2.6 10 x S1200 20 580W

HIGH SCHOOL ARRAY

3 SE100KUS (SE-TRI) 142%
Center:
1.1 16 x S1200 32 580W
1.2 16 x S1200 32 580W
Left:
1.3 16 x S1200 32 580W
1.4 16 x S1200 32 580W
1.5 16 x S1200 32 580W
Right:
1.6 16 x S1200 32 580W
1.7 15 x S1200 30 580W
1.8 15 x S1200 30 580W

GENERAL NOTES

- FIELD VERIFY ALL MEASUREMENTS
- ITEMS BELOW MAY NOT BE ON THIS PAGE



MODULE TYPE & QTY.	(492) PHILADELPHIA SOLAR PS-M144(HCBF)-580W 580W
INVERTER TYPE & QTY.	(1) SOLAREEDGE SOLAREEDGE SE100KUS (2) SOLAREEDGE SE50KUS

01

STRINGING PLAN

SCALE: SCALE: 1/32" = '1'-0"

REVISIONS

REV	DESCRIPTION	DATE

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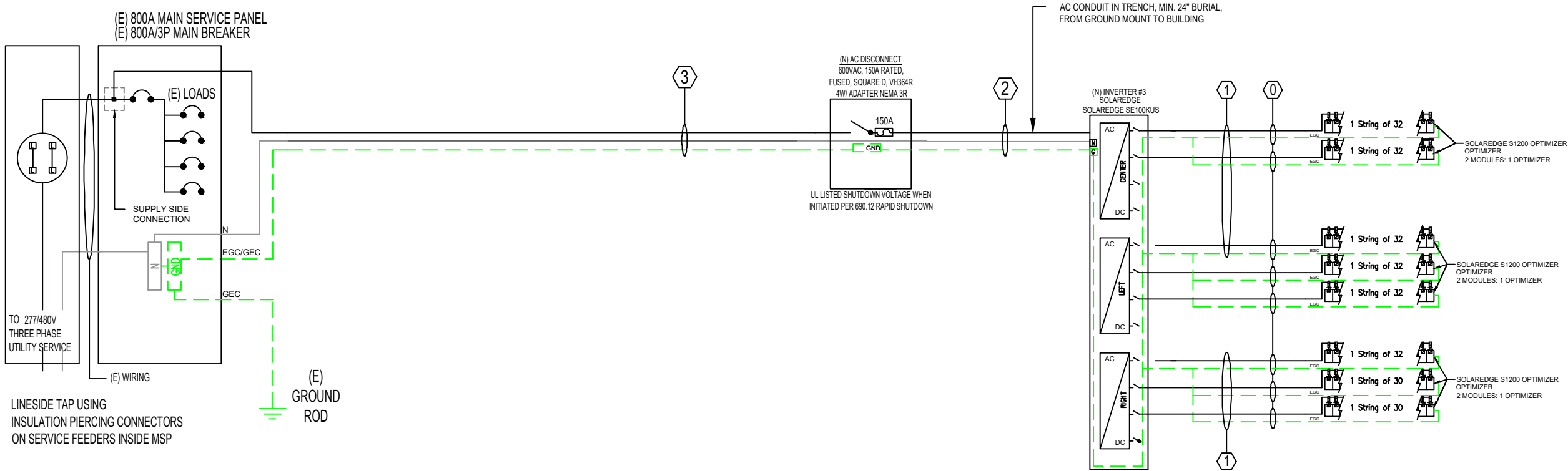
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STRINGING PLAN
(PAGE A-102)

PV EQUIPMENTS		ADDITIONAL NOTES	
NEW 146.160 KW DC, 100.00 KW AC PV SYSTEM (252) PS-M144(HCBF)-580W, 580W PV MODULES (1) INVERTER SE100KUS (126) SOLAREEDGE S1200 OPTIMIZER	HIGH SCHOOL	1. SEE RESOURCE SHEETS FOR COMPONENT TECHNICAL DATA	



Voc* = MAX VOC AT MIN. TEMP.

CONDUCTOR AND CONDUIT SCHEDULE W/ELECTRICAL CALCULATIONS																
TAG NO.	QTY	CONDUCTOR	CONDUIT	CURRENT CARRYING CONDUCTORS	OCPD	NEUTRAL	EGC	TEMP. CORR. FACTOR	CONDUIT FILL FACTOR	CONT. CURRENT	MAX. CURRENT (125%)	BASE AMP.	DERATED AMP.	TERM. TEMP. RATING	AMP. @ TERMINAL	CIRCUIT LENGTH IN Ft
0	8	10 AWG PV WIRE, COPPER	FREE AIR	N/A	N/A	N/A	6 AWG BARE, COPPER	0.71 (56°C)	1.0	18A	22.5A	55A	39.05A	90°C	50A	N/A
1	2	10 AWG THWN-2, COPPER	1-1/4" PVC SCH40	6	N/A	N/A	10 AWG THWN-2, COPPER	0.96 (34°C)	0.8	18A	22.5A	40A	22.72A	75°C	35A	N/A
2	1	1/0 AWG THWN-2, COPPER	2" PVC SCH40	3	150A	1/0 AWG THWN-2, COPPER	6 AWG THWN-2, COPPER	0.96 (34°C)	1.0	120A	150A	170A	163.20A	75°C	150A	N/A
3	1	1/0 AWG THWN-2, COPPER	2" EMT	3	N/A	1/0 AWG THWN-2, COPPER	6 AWG THWN-2, COPPER	0.96 (34°C)	1.0	120A	150A	170A	163.20A	75°C	150A	N/A



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BARUN CORP
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DATE: 11/11/2025

DESIGN BY: OM

CHECKED BY: JA

LINE DIAGRAM
(PAGE E-601 .1)

SOLAR PV SYSTEM EQUIPPED WITH RAPID SHUTDOWN

TURN RAPID SHUTDOWN SWITCH TO THE "OFF" POSITION TO SHUTDOWN PV SYSTEM AND REDUCE SHOCK HAZARD IN ARRAY

SOLAR ELECTRIC PV PANELS

LABEL 1
LABEL LOCATION: AT MAIN SERVICE DISCONNECT
[NEC 690.56 (C)]

RAPID SHUTDOWN FOR SOLAR PV SYSTEM

LABEL 2
ON OR NO MORE THAN 3FT FROM RAPID SHUTDOWN SWITCH
[NEC 690.56 (C)(2)]

! WARNING !

POWER SOURCE OUTPUT CONNECTION. DO NOT RELOCATE THIS OVERCURRENT DEVICE

LABEL 3
AT POINT OF INTERCONNECTION OVERCURRENT DEVICE
[NEC 705.12(B)(3)(2)]

! WARNING !

THIS EQUIPMENT FED BY MULTIPLE SOURCES. TOTAL RATING OF ALL OVERCURRENT DEVICES EXCLUDING MAIN SUPPLY OVERCURRENT DEVICE SHALL NOT EXCEED AMPACITY OF BUSBAR

LABEL 4
LABEL LOCATION MAIN SERVICE PANEL
[NEC 705.12(B)(3)(3)]

PHOTOVOLTAIC

AC DISCONNECT

LABEL 5
LABEL LOCATION: AC DISCONNECT
[NEC 690.13(B)]

! WARNING !

DUAL POWER SOURCE SECOND SOURCE IS PHOTOVOLTAIC SYSTEM

LABEL 7
LABEL LOCATION: MAIN SERVICE PANEL
[NEC 690.59, 705.12(C)]

! WARNING !

ELECTRIC SHOCK HAZARD

TERMINALS ON THE LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION.

LABEL 7
AT POINT OF INTERCONNECTION
[NEC 690.13(B), NEC 706.15(C)(4)]

PHOTOVOLTAIC AC DISCONNECT

MAX. AC OPERATING CURRENT: 279A AC

MAX. AC OPERATING VOLTAGE: 208V AC

LABEL 8
LABEL LOCATION: AC DISCONNECT
[NEC 690.54]

PHOTOVOLTAIC AC DISCONNECT

MAX. AC OPERATING CURRENT: 120A AC

MAX. AC OPERATING VOLTAGE: 480V AC

MAXIMUM DC VOLTAGE

600V

OF PV SYSTEM

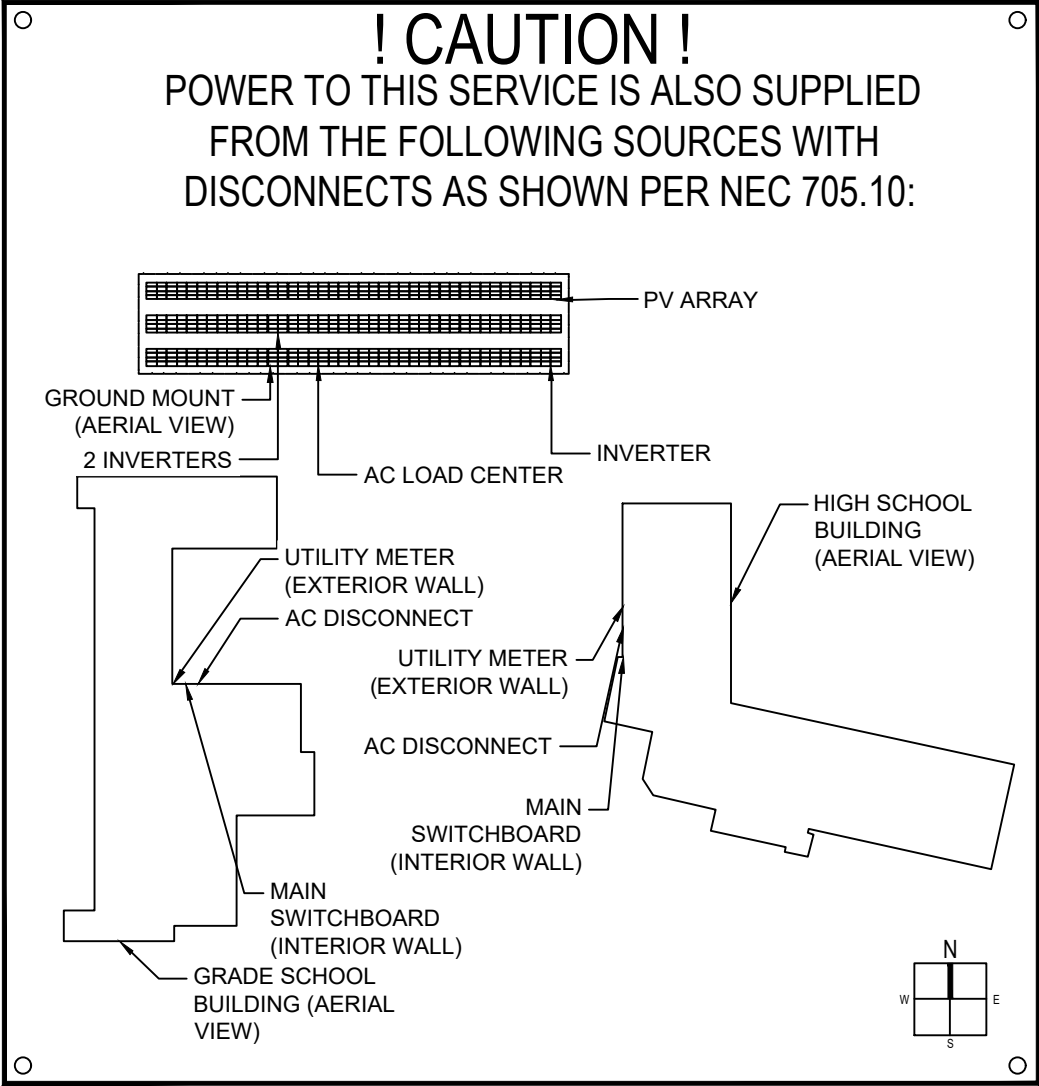
LABEL 9
LABEL LOCATION: INVERTER 1 & 2
[NEC 690.53]

MAXIMUM DC VOLTAGE

1000V

OF PV SYSTEM

LABEL 11
LABEL LOCATION: INVERTER 3
[NEC 690.53]



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ELLENSBURG SOLAR LLC

PHONE: 509-929-2728
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VIOLATION OF U.S. COPYRIGHT LAWS
AND WILL BE SUBJECT TO CIVIL
DAMAGES AND PROSECUTIONS.

NEW PV SYSTEM:
285.360 kW DC
200.000 kW AC
PROPERTY OWNER:
25-0343 LIND-RITZVILLE
HIGH SCHOOL & GRADE SCHOOL
401 E 6TH AVE
RITZVILLE, WA 99169
APN: 1935230880001
ENGINEER OF RECORD

REVISIONS		
REV	DESCRIPTION	DATE

PAPER SIZE: 11" x 17" (ANSI B)

BARUN CORP
www.baruncorp.com

DATE: 11/11/2025
DESIGN BY: OM
CHECKED BY: JA

PLACARDS
(PAGE E-602)

SUNTURF®

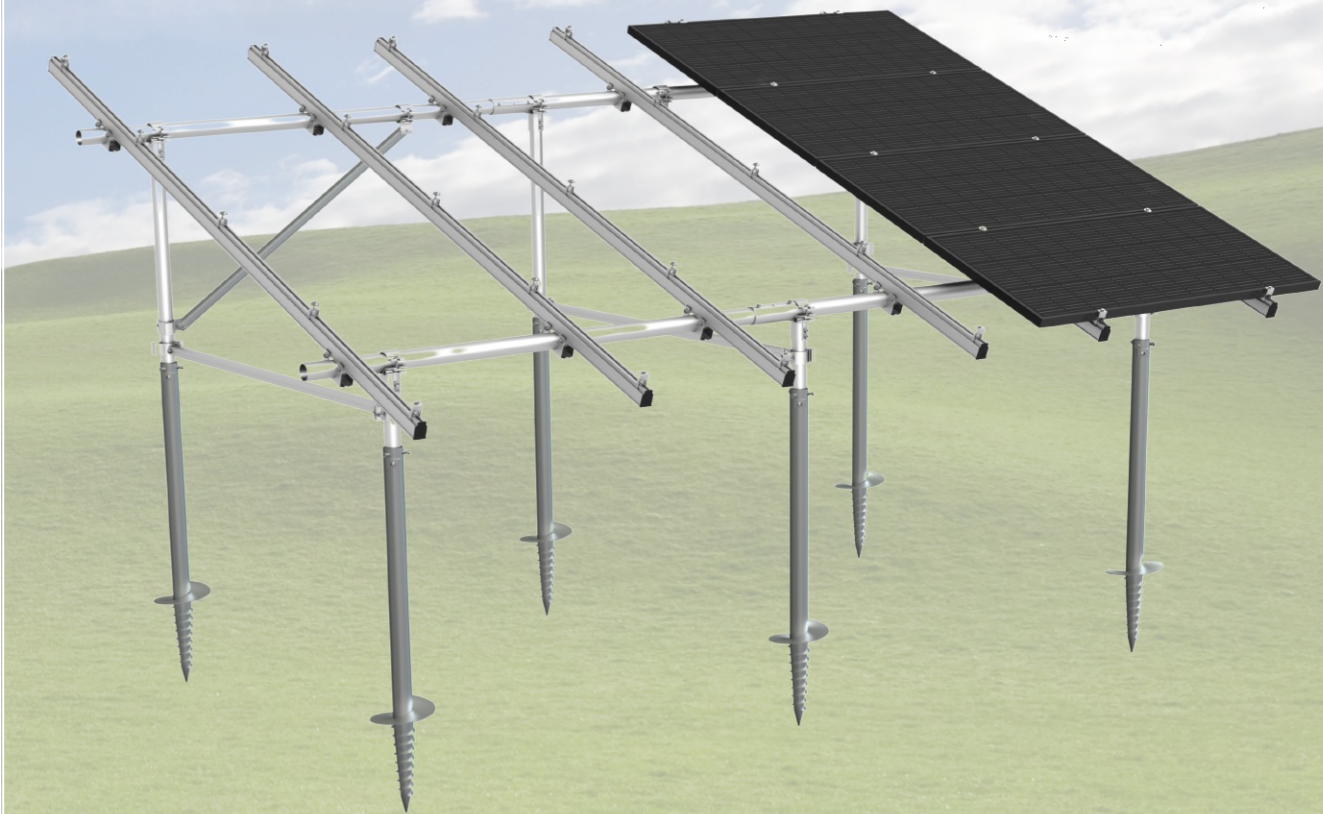
SINGLE DAY INSTALL

THE SUNTURF® SYSTEM ADVANTAGE

- SINGLE DAY INSTALL OF 25 KW SYSTEM.
- GROUND SCREWS ELIMINATE NEED FOR CONCRETE. (OTHER FOUNDATION OPTIONS AVAILABLE IF NEEDED)
- INCLUDES PRE-CUT PIPE.
- ONLINE DESIGN TOOL WITH DRAWINGS AND PRE-STAMPED ENGINEERING.



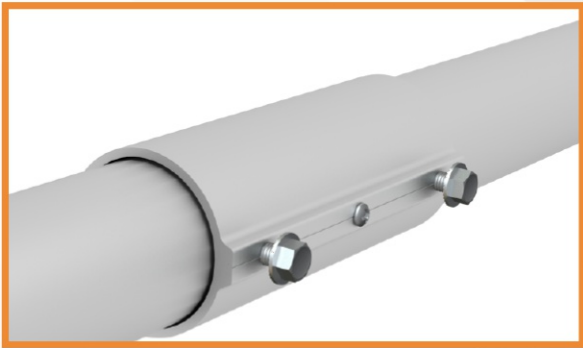
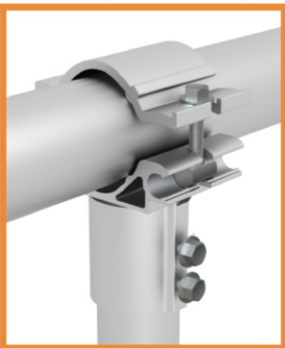
INSTALL VIDEO



KEY FEATURES OF THE SUNTURF® SYSTEM

SunTurf® is designed for fast, error-free installation. Ground anchors eliminate the need for concrete and pre-cut pipe removes field measuring and cutting. Our online design tool provides site-specific BOM's and drawings. Pre-stamped engineering makes permitting easy.

(post-in-concrete and ballast foundation options are available if needed)



GROUND ANCHORS

Ground anchor options available for a variety of soil conditions.

GROUND SCREW



HELICAL PILE



TECHNICAL DATA

APPLICATION	Ground Mount
MATERIAL	High-grade aluminum, galvanized steel and 304 stainless steel hardware
MODULE ORIENTATION	Landscape or Portrait
TILT ANGLE	10 to 45 degrees
FOUNDATION TYPES	Ground anchor, post-in-concrete, ballasted
STRUCTURAL INTEGRITY	Pre-stamped engineering available
CERTIFICATE	UL2703
WARRANTY	25 years

WWW.SUNMODO.COM



WWW.SUNMODO.COM



CONTRACTOR
ELLENSBURG SOLAR LLC

PHONE: 509-929-2728
ADDRESS: PO BOX 1681
ELLENSBURG, WA 98926

LIC. NO.: ELLENSL864RR

UNAUTHORIZED USE OF THIS
DRAWING SET WITHOUT WRITTEN
PERMISSION FROM CONTRACTOR IS IN
VIOLATION OF U.S. COPYRIGHT LAWS
AND WILL BE SUBJECT TO CIVIL
DAMAGES AND PROSECUTIONS.

NEW PV SYSTEM:

285.360 kW DC

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CHECKED BY: JA

RESOURCE DOCUMENTS
(PAGE RD-00)



PHILADELPHIA SOLAR

DELIVERING CLEAN ENERGY SOLUTIONS

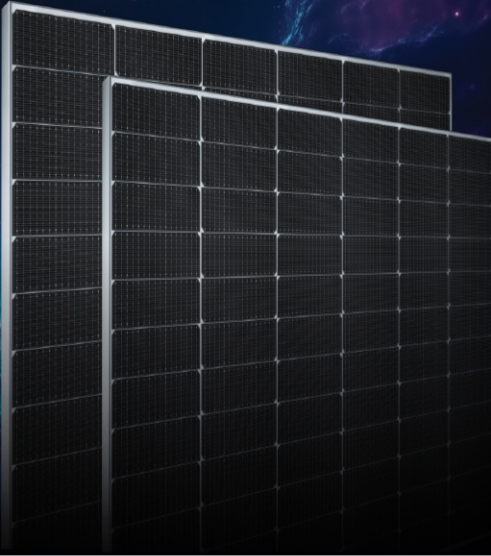
NEXUS

PS-MNG144(HCBF)-xxxW

Half-Cell N-Type 16BB Bifacial Module

565 - 580 Watt

Positive power tolerance of 0 ~+3%



Philadelphia Solar's Mono-Crystal-line N-type modules with power up to **580Wp** are produced using the state-of-the-art (automated) robotic production lines. These modules are suitable to be used for most electrical power applications and have excellent durability to prevailing weather conditions

CERTIFICATIONS

UL 61215 / UL 61730
IEC 61215 / IEC 61730
CSA C22.2#61730:2019
HALT TEST Highly Accelerated Life And Extended Reliability Test
IEC 61853 PAN File
IEC TS 62804 PID Resistance
IEC 60068 Dust and Sand Resistance
IEC 62716 Ammonia Resistance
IEC 61701 Salt Mist Resistance
Bankability Report
EN ISO 9001: 2015
Quality Management System
EN ISO 14001: 2015
Environmental Management System
EN ISO 45001: 2018
Occupational health and safety management systems



APPLICATIONS



FEATURES



Power output increases by 5-25% from the backside resulting in significantly reduced LCOE and (IRR).



withstand High Mechincal load :
Front (5400 Pascal)
Back (2400 Pascal)



Exceptional Anti-PID performance through the use of optimized mass-production processes and strict materials control.



Improved light trapping and current collection technology enhance module power output and reliability.



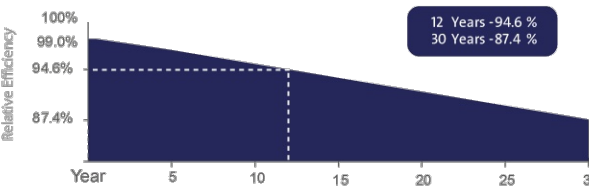
Less partial shading current mismatch loss so more power output.



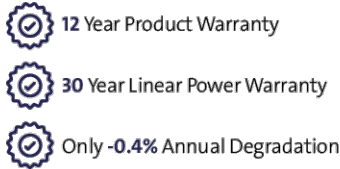
Better temperature coefficients come from half-cell design.



LINEAR PERFORMANCE WARRANTY



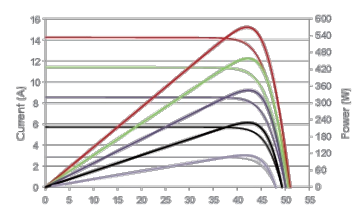
12 Years -94.6 %
30 Years -87.4 %



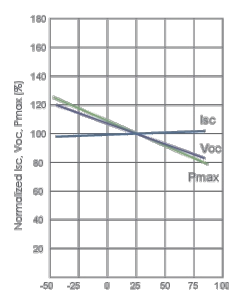
12 Year Product Warranty
30 Year Linear Power Warranty
Only -0.4% Annual Degradation

Electrical Performance & Temperature Dependence

Current-Voltage & Power-Voltage Curves (570W)



Temperature Dependence of Isc, Voc, Pmax



ELECTRICAL CHARACTERISTICS

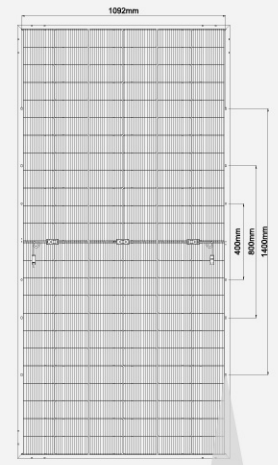
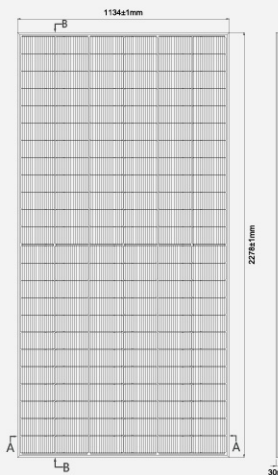
POWER AT STC	565 W	570 W	575 W	580 W
Short Circuit Current - Isc (A)	14.19	14.25	14.31	14.37
Maximum Power Current - Impp (A)	13.41	13.48	13.55	13.62
Open Circuit Voltage - Voc (V)	50.87	51.07	51.27	51.47
Maximum Power Voltage - Vmpp (V)	42.14	42.29	42.44	42.59
Module Efficiency - η (%)	21.87%	22.07%	22.26%	22.45%
Bifaciality Ratio (%)	80% $\pm$ 5			
Power tolerance (%)	0 ~+3%			

Values at Standard Test Conditions STC (Air Mass AM 1.5, Irradiance 1000 W/m², Cell Temperature 25°C).

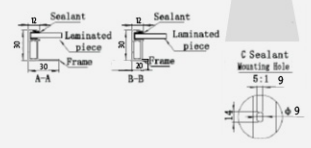
MATERIAL CHARACTERISTICS

Characteristics	Value
Cells per Module	144 (72 x 2)
Cell Type	N Type (TopCon) Mono-Crystalline
Front Surface	2mm Semi -Tempered Pattern Coated Glass
Back Cover	2mm Semi -Tempered Pattern /Porcelain Glass
Frame	Anodized Aluminum (Black/Silver)
Junction Box	IP 68 With Original MC4
Cable Length	1200mm Cable length could be customized
Fire Classification	UL Type 29

MODULE DRAWINGS



Cross Section A-A & B-B



THERMAL CHARACTERISTICS

Characteristics	Value
Open Voltage Temperature Coefficient VOC (%/C°)	-0.25
Short Circuit Current Temperature Coefficient ISC (%/C°)	+0.045
Power Temperature Coefficient PMP (%/C°)	-0.29
NOCT (°C)	45 $\pm$ 2

OPERATING CONDITIONS

Maximum Sytem Voltage - Vmax (V)	1500
Maximum Series Fuse (A)	30
Operating Temperature Range (°C)	IEC: -40 to +85 UL: -40 to +90

PHYSICAL CHARACTERISTICS

Characteristics	Value
Module Dimensions (mm)	2278 x 1134 x 30
Module Weight (kg)	32.5 $\pm$ 1 Kg

Packaging

Value	
Modules per Pallet	36
40 Feet High-Cube Container	720 Modules

Mechanical Load**

Value	
Max Static load (Front)	5400 Pa
Max Static load (Back)	2400 Pa
Dynamic load	1000 Pa

Tolerance of power Current and Voltage (ISC,VOC) $\pm$ 5%

Datasheet is subjected to change without prior notice, always obtain the most recent version of the datasheet.

** Caution: For professional use only, the installation and handling of PV modules and cleaning modules require professional skills and should only be performed by qualified professionals, please read the Installation and Operation Manual before using the modules, also Cleaning Guidelines

QP-04-CAD/Rev3

Updated July 2024

Three Phase Inverter with Synergy Technology

For the 208V Grid for North America

SE50KUS



INVERTERS

Powered by unique pre-commissioning process for rapid system installation

- Pre-commissioning feature for automated validation of system components and wiring during the site installation process and prior to grid connection
- Easy 2-person installation with lightweight, modular design (each inverter consists of 3 Synergy units and one Synergy Manager)
- Independent operation of each Synergy unit enables higher uptime and easy serviceability
- Built-in thermal sensors detect faulty wiring ensuring enhanced protection and safety
- Built-in arc fault protection and rapid shutdown
- Built-in PID mitigation for maximized system performance
- Monitored* and field-replaceable surge protection devices, to better withstand surges caused by lightning or other events
- Built-in module-level monitoring with Ethernet or cellular communication for full system visibility

*Applicable only for DC and AC SPDs

[solaredge.com](https://www.solaredge.com)

solaredge

Three Phase Inverter with Synergy Technology

For the 208V Grid for North America

SE50KUS

Applicable to inverter with Part Numbers	SExxK-US02lxxxx	
	SE50KUS	
OUTPUT		
Rated AC Active Output Power	50000	W
Maximum AC Apparent Output Power	50000	VA
AC Output Line Connections	3W + PE, 4W + PE	
Supported Grids	WYE: TN-C, TN-S, TN-C-S, TT, IT; Delta: IT	
AC Output Voltage Minimum-Nominal-Maximum ⁽¹⁾ (L-N)	105-120-132.5	Vac
AC Output Voltage Minimum-Nominal-Maximum ⁽¹⁾ (L-L)	183-208-229	Vac
AC Frequency Min-Nom-Max ⁽¹⁾	59.5 - 60 - 60.5	Hz
Maximum Continuous Output Current (per Phase, PF=1)	139.5	Aac
GFDI Threshold	1	A
Utility Monitoring, Islanding Protection, Configurable Power Factor, Country Configurable Thresholds	Yes	
Total Harmonic Distortion	≤ 3	%
Power Factor Range	+/-0.2 to 1	
INPUT		
Maximum DC Power (Module STC) Inverter / Synergy Unit	87500 / 29165	W
Transformer-less, Ungrounded	Yes	
Maximum Input Voltage DC+ to DC-	600	Vdc
Operating Voltage Range	370 - 600	Vdc
Maximum Input Current	3 x 46.5	Adc
Reverse-Polarity Protection	Yes	
Ground-Fault Isolation Detection	167kΩ sensitivity per Synergy Unit ⁽²⁾	
CEC Weighted Efficiency	97	%
Nighttime Power Consumption	< 12	W
ADDITIONAL FEATURES		
Supported Communication Interfaces ⁽³⁾	2 x RS485, Ethernet, Wi-Fi (optional), Cellular (optional)	
Smart Energy Management	Export Limitation	
Inverter Commissioning	With the SetApp mobile application using built-in Wi-Fi access point for local connection	
Arc Fault Protection	Built-in, User Configurable (According to UL1699B)	
Photovoltaic Rapid Shutdown System	NEC 2014, 2017 and 2020, Built-in	
PID Rectifier	Nighttime, built-in	
RS485 Surge Protection (ports 1+2)	Type II, field replaceable, integrated	
AC, DC Surge Protection	Type II, field replaceable, integrated	
DC Fuses (Single Pole)	25A, integrated	
DC SAFETY SWITCH		
DC Disconnect	Built-in	
STANDARD COMPLIANCE		
Safety	UL1699B, UL1741, UL1741 SA, UL1998, CSA C22.2#107.1, Canadian AFCI according to T.I.L. M-07	
Grid Connection Standards	IEEE 1547, Rule 21, Rule 14 (H)	
Emissions	FCC part 15 class A	

(1) For other regional settings please contact SolarEdge support

(2) Where permitted by local regulations

(3) For specifications of the optional communication options, visit <https://www.solaredge.com/products/communication> or the Resource Library webpage: <https://www.solaredge.com/downloads#>, to download the relevant product datasheet

Three Phase Inverter with Synergy Technology

For the 208V Grid for North America

SE50KUS

Applicable to inverter with Part Numbers	SExxK-US02lxxxx	
	SE50KUS	
INSTALLATION SPECIFICATIONS		
Number of Synergy Units per Inverter	3	
AC Max Conduit Size	2 ½"	in
Max AWG Line / PE	4/0 / 1/0	
DC Max Conduit Size	1 x 3" ; 2 x 2"	in
DC Input Inverter / Synergy Unit	12 / 4 pairs; 6-12 AWG	
Dimensions (H x W x D)	Synergy Unit: 22 x 12.9 x 10.75 / 558 x 328 x 273 Synergy Manager: 14.17 x 22.4 x 11.6 / 360 x 560 x 295	in / mm
Weight	Synergy Unit: 70.4 / 32 Synergy Manager: 39.6 / 18	lb / kg
Operating Temperature Range	-40 to +140 / -40 to +60 ⁽⁴⁾	°F / °C
Cooling	Fan (user replaceable)	
Noise	< 67	dBA
Protection Rating	NEMA 3R	
Mounting	Brackets provided	

(4) For power de-rating information refer to: <https://www.solaredge.com/sites/default/files/se-temperature-derating-note.pdf>

Three Phase Inverter with Synergy Technology

For the 277/480V Grid for North America

SE80KUS / SE100KUS / SE110KUS / SE120KUS



INVERTERS

Powered by unique pre-commissioning process for rapid system installation

- Pre-commissioning feature for automated validation of system components and wiring during the site installation process and prior to grid connection
- Easy 2-person installation with lightweight, modular design (each inverter consists of 2 or 3 Synergy units and one Synergy Manager)
- Independent operation of each Synergy unit enables higher uptime and easy serviceability
- Built-in thermal sensors detect faulty wiring ensuring enhanced protection and safety
- Built-in arc fault protection and rapid shutdown
- Built-in PID mitigation for maximized system performance
- Monitored* and field-replaceable surge protection devices, to better withstand surges caused by lightning or other events
- Built-in module-level monitoring with Ethernet or cellular communication for full system visibility

*Applicable only for DC and AC SPDs

Three Phase Inverter with Synergy Technology

For the 277/480V Grid for North America

SE80KUS / SE100KUS / SE110KUS/ SE120KUS

Applicable to inverter with Part Numbers		SExxK-USx8lxxxx			
		SE80KUS	SE100KUS	SE110KUS	SE120KUS
OUTPUT					
Rated AC Active Output Power	80000	100000	110000	120000	W
Maximum AC Apparent Output Power	80000	100000	120000	120000	VA
AC Output Line Connections	3W + PE, 4W + PE				
Supported Grids	WYE: TN-C, TN-S, TN-C-S, TT, IT; Delta: IT				
AC Output Voltage Minimum-Nominal-Maximum ⁽¹⁾ (L-N)	244 - 277 - 305				Vac
AC Output Voltage Minimum-Nominal-Maximum ⁽¹⁾ (L-L)	422.5 - 480 - 529				Vac
AC Frequency Min-Nom-Max ⁽¹⁾	59.5 - 60 - 60.5				Hz
Maximum Continuous Output Current (per Phase, PF=1)	96.5	120	144.3		Aac
GFDI Threshold	1				A
Utility Monitoring, Islanding Protection, Configurable Power Factor, Country Configurable Thresholds	Yes				
Total Harmonic Distortion	≤ 3				%
Power Factor Range	+/-0.2 to 1				
INPUT					
Maximum DC Power (Module STC) Inverter / Synergy Unit	140000 / 70000	175000 / 58300	210000 / 70000		W
Transformer-less, Ungrounded	Yes				
Maximum Input Voltage DC+ to DC-	1000				Vdc
Operating Voltage Range	850 - 1000				Vdc
Maximum Input Current	2 x 48.25	3 x 40	3 x 48.25		Adc
Reverse-Polarity Protection	Yes				
Ground-Fault Isolation Detection	167kΩ sensitivity per Synergy Unit ⁽²⁾				
CEC Weighted Efficiency	98.5				%
Nighttime Power Consumption	< 8	< 12			W
ADDITIONAL FEATURES					
Supported Communication Interfaces ⁽³⁾	2xRS485, Ethernet, Wi-Fi (optional), Cellular (optional)				
Smart Energy Management	Export Limitation				
Inverter Commissioning	With the SetApp mobile application using built-in Wi-Fi access point for local connection				
Arc Fault Protection	Built-in, User Configurable (According to UL1699B)				
Photovoltaic Rapid Shutdown System	NEC 2014, 2017 and 2020, Built-in				
PID Rectifier	Nighttime, built-in				
RS485 Surge Protection (ports 1+2)	Type II, field replaceable, integrated				
AC, DC Surge Protection	Type II, field replaceable, integrated				
DC Fuses (Single Pole)	25A, integrated				
DC SAFETY SWITCH					
DC Disconnect	Built-in				
STANDARD COMPLIANCE					
Safety	UL1699B, UL1741, UL1741 SA, UL1998, CSA C22.2#107.1, Canadian AFCI according to T.I.L. M-07				
Grid Connection Standards	IEEE 1547, Rule 21, Rule 14 (H)				
Emissions	FCC part 15 class A				

(1) For other regional settings please contact SolarEdge support

(2) Where permitted by local regulations

(3) For specifications of the optional communication options, visit <https://www.solaredge.com/products/communication> or the Resource Library webpage: <https://www.solaredge.com/downloads#>, to download the relevant product datasheet

Three Phase Inverter with Synergy Technology

For the 277/480V Grid for North America

SE80KUS / SE100KUS / SE110KUS/ SE120KUS

Applicable to inverter with Part Numbers	SExxK-USx8lxxxx			
	SE80KUS	SE100KUS	SE110KUS	SE120KUS
INSTALLATION SPECIFICATIONS				
Number of Synergy Units per Inverter	2	3		
AC Max Conduit Size	2 ½"			in
Max AWG Line / PE	4/0 / 1/0			
DC Max Conduit Size	1 x 3" ; 2 x 2"			in
DC Input Inverter / Synergy Unit	8 / 4 pairs; 6-12 AWG	12 / 4 pairs; 6-12 AWG		
Dimensions (H x W x D)	Synergy Unit: 22 x 12.9 x 10.75 / 558 x 328 x 273 Synergy Manager: 14.17 x 22.4 x 11.6 / 360 x 560 x 295			in/m
Weight	Synergy Unit: 70.4 / 32 Synergy Manager: 39.6 / 18			lb /kg
Operating Temperature Range	-40 to +140 / -40 to +60 ⁽⁴⁾			F / °C
Cooling	Fan(user replaceable)			dBA
Noise	< 67			
Protection Rating	NEMA 3R			
Mounting	Brackets provided			

(4) For power de-rating information refer to: <https://www.solaredge.com/sites/default/files/se-temperature-derating-note.pdf>

Power Optimizer

Ground Mount for North America

S1200

POWER OPTIMIZER



SolarEdge's most advanced, cost-effective Power Optimizer for commercial and large field installations

- Greater Energy Yields**
 - High efficiency (99.5%) with module-level MPPT, for maximized system energy production and revenue, and fast project ROI
 - Supports high power and bifacial PV modules, and high string current for more power per string
- Lower BoS Costs**
 - Flexible system design enables maximum space utilization and up to 2x longer string lengths, 50% less cables, fuses and combiner boxes
 - Supports connection of two PV modules in series with easy cable management and fast installation times
- Maximum Protection with Built-In Safety**
 - Designed to automatically reduce high DC voltage to touch-safe levels, upon grid/inverter shutdown, with SafeDC™
 - Includes SolarEdge Sense Connect, allowing continuous monitoring to detect overheating due to installation issues or connector-level wear and tear

- Simpler O&M**
 - Module-level system monitoring enabling pinpointed fault detection and remote, time-saving troubleshooting

Power Optimizer

For North America

S1200

Power Optimizer Model (Typical Module Compatibility)	S1200 (for up to 2 x high power or bifacial modules)	Units
INPUT		
Rated Input DC Power ⁽¹⁾	1200	W
Absolute Maximum Input Voltage (Voc)	125	Vdc
MPPT Operating Range	12.5 – 105	Vdc
Maximum Short Circuit Current (Isc) of Connected PV Module	15	Adc
Maximum Adjusted Short Circuit Current (with Safety Factor) ⁽²⁾	18.75	Adc
Maximum Efficiency	99.5	%
Weighted Efficiency	98.8	%
Overvoltage Category	II	
OUTPUT DURING OPERATION		
Maximum Output Current	18	Adc
Maximum Output Voltage	80	Vdc
OUTPUT DURING STANDBY (POWER OPTIMIZER DISCONNECTED FROM INVERTER OR INVERTER OFF)		
Safety Output Voltage per Power Optimizer	1 ± 0.1	Vdc
STANDARD COMPLIANCE		
Photovoltaic Rapid Shutdown System	NEC 2014 – 2023	
EMC	FCC Part15, IEC 61000-6-2, and IEC 61000-6-3	
Safety	IEC62109-1 (class II safety), UL1741, CSA C22.2#107.1	
Material	UL94 V-0, UV Resistant	
RoHS	Yes	
Fire Safety	VDE-AR-E 2100-712:2013-05	
INSTALLATION SPECIFICATIONS		
Compatible SolarEdge Inverters	All commercial three phase inverters	
Maximum Allowed System Voltage	1000	Vdc
Dimensions (W x L x H)	129 x 155 x 59 / 5.08 x 6.10 x 2.32	mm / in
Weight	1106 / 2.4	gr / lb
Input Connector	MC4 ⁽³⁾	
Input Wire Length	1.6 / 5.25 ⁽⁴⁾	m / ft
Output Connector	MC4	
Output Wire Length	(+) 5.3 (-) 0.10 / (+) 17.38 (-) 0.32	m / ft
Operating Temperature Range ⁽⁵⁾	-40 to +85 / -40 to +185	°C / °F
Protection Rating	IP68 / NEMA6P	
Relative Humidity	0 – 100	%

(1) Rated power of the module at STC will not exceed the power optimizer Rated Input DC Power. Modules with up to +5% power tolerance are allowed.
(2) Adjusted for ambient temperature, irradiance, bifacial gain, safety factor, and so on, in accordance with NEC and CSA.
(3) For other connector types please contact SolarEdge.
(4) The Sense Connect feature is only enabled on the output cable connectors.
(5) For ambient temperatures above +65°C / +149°F power de-rating is applied.

PV System Design Using a SolarEdge Inverter ⁽⁶⁾⁽⁷⁾⁽⁸⁾⁽⁹⁾		208V Grid SE10K	208V Grid SE17.3K*	277/480V Grid SE20K, SE30K	277/480V Grid SE40K*	
Compatible Power Optimizers		S1200				
Minimum String Length	Power Optimizers	8	10	15	15	
	PV Modules	15	19	29	29	
Maximum String Length	Power Optimizers ⁽⁸⁾	30	30	30	30	
	PV Modules	60	60	60	60	
Maximum Continuous Power per String		7200	8820	15,300	15,300	W
Maximum Allowed Connected Power per String ⁽⁹⁾	1 string – 8400	1 string – 10,020	1 string – 17,550	2 strings or less – 17,550		W
	2 strings or more – 10,600	2 strings or more – 13,000	2 strings or more – 23,000	3 strings or more – 23,000		
Parallel Strings of Different Lengths or Orientations		Yes				
Maximum Difference in Number of Power Optimizers Allowed Between the Shortest and Longest String Connected to the Same Inverter Unit		5 Power Optimizers				

*The same rules apply for Synergy units of equivalent power ratings that are part of the modular Synergy Technology inverter.
(6) S1200 cannot be mixed with any other Power Optimizers models in the same string.
(7) For each string, a Power Optimizer may be connected to a single PV module if 1) each Power Optimizer is connected to a single PV module or 2) it is the only Power Optimizer connected to a single PV module in the string.
(8) When connecting to inverters that support Rapid Shutdown, each string must contain fewer than 28 power optimizers to meet NEC Rapid Shutdown requirements.
(9) To connect more STC power per string, design your project using SolarEdge Designer.

AIA[®] Document B105[®] – 2017

Standard Short Form of Agreement Between Owner and Architect

AGREEMENT made as of the Twenty-fourth day of November in the year Two Thousand Twenty-Five
(In words, indicate day, month and year.)

BETWEEN the Owner:
(Name, legal status, address and other information)

Ritzville School District
209 E. Wellsandt Avenue
Ritzville, WA 99169
Telephone: (509) 659-1660

and the Architect:
(Name, legal status, address and other information)

Architects West, Inc.
210 E. Lakeside Avenue
Coeur d'Alene, ID 83814
Telephone: (208) 667-9402

for the following Project:
(Name, location and detailed description)

Ritzville School District Study and Survey
Ritzville, WA

The Owner and Architect agree as follows.

ADDITIONS AND DELETIONS:

The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

ARTICLE 1 ARCHITECT'S RESPONSIBILITIES

The Architect shall provide architectural services for the Project as described in this Agreement. The Architect shall perform its services consistent with the professional skill and care ordinarily provided by architects practicing in the same or similar locality under the same or similar circumstances. The Architect shall perform its services as expeditiously as is consistent with such professional skill and care and the orderly progress of the Project. The Architect shall assist the Owner in determining consulting services required for the Project. The Architect's services include the following consulting services, if any:

Preparation of the Study and Survey Report and related information for ICOS.

(Paragraph Deleted)

ARTICLE 2 OWNER'S RESPONSIBILITIES

The Owner shall provide full information about the District's facilities. The Owner shall provide information as expeditiously as necessary for the orderly progress of the Project. The Architect shall be entitled to rely on the accuracy and completeness of the Owner's information.

ARTICLE 3 USE OF DOCUMENTS

The Study & Survey Report prepared by the Architect is the Architect's Instruments of Service, and for OSPI and the Owner's use. The Owner agrees to indemnify the Architect from all costs and expenses related to claims arising from the Owner's use of the Instruments of Service without retaining the Architect. When transmitting copyright-protected information for use on the Project, the transmitting party represents that it is either the copyright owner of the information, or has permission from the copyright owner to transmit the information for its use on the Project.

ARTICLE 4 TERMINATION, SUSPENSION OR ABANDONMENT

In the event of termination, suspension or abandonment of the Project by the Owner, the Architect shall be compensated for services performed. The Owner's failure to make payments in accordance with this Agreement shall be considered substantial nonperformance and sufficient cause for the Architect to suspend or terminate services. Either the Architect or the Owner may terminate this Agreement after giving no less than seven days' written notice if the Project is suspended for more than 90 days, or if the other party substantially fails to perform in accordance with the terms of this Agreement. Except as otherwise expressly provided herein, this Agreement shall terminate one year from the date of Substantial Completion.

ARTICLE 5 MISCELLANEOUS PROVISIONS

This Agreement shall be governed by the law of the place where the Project is located. Terms in this Agreement shall have the same meaning as those in AIA Document A105-2017, Standard Short Form of Agreement Between Owner and Contractor. Neither party to this Agreement shall assign the contract as a whole without written consent of the other.

Nothing contained in this Agreement shall create a contractual relationship with, or a cause of action in favor of, a third party against either the Owner or the Architect.

The Architect shall have no responsibility for the discovery, presence, handling, removal or disposal of, or exposure of persons to, hazardous materials or toxic substances in any form at the Project site.

EXTENT OF AGREEMENT. This Agreement represents the entire and integrated agreement between the Client and Architect and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement may be amended only by written instrument signed by both the Client and the Architect.

MEDIATION. It is understood and agreed that in the event any dispute, controversy, or conflict should arise during the design and construction of the project or following its completion, the parties hereto will cooperate in good faith and, if possible, resolve the issues without resort to arbitration or litigation. Should the parties be unable to reach agreement, an independent mediator will be selected to assist in a further effort to resolve the dispute prior to any arbitration or litigation.

ARTICLE 6 PAYMENTS AND COMPENSATION TO THE ARCHITECT

The Architect's Compensation shall be:

Architects West proposes a lump sum not-to-exceed fee the amount of the Study and Survey Grant, which is anticipated to be \$7,068.00.

The Owner shall pay the Architect an initial payment of Zero (\$ 0.00) as a minimum payment under this Agreement. The initial payment shall be credited to the final invoice.

The Owner shall reimburse the Architect for expenses incurred in the interest of the Project, plus ten percent (10 %).

Payments are due and payable upon receipt of the Architect's monthly invoice. Amounts unpaid thirty (30) days after the invoice date shall bear interest from the date payment is due at the rate of ten percent (10 %) per annum , or in the absence thereof, at the legal rate prevailing at the principal place of business of the Architect.

At the request of the Owner, the Architect shall provide additional services not included in Article 1 for additional compensation. Such additional services may include, but not be limited to, providing or coordinating services of consultants not identified in Article 1; revisions due to changes in the Project scope, quality or budget, or due to Owner-requested changes in the approved design; evaluating changes in the Work and Contractors' requests for substitutions of materials or systems; providing services necessitated by the Contractor's failure to perform; and the extension of the Architect's Article 1 services beyond twelve (12) months of the date of the grant award letter through no fault of the Architect.

(Paragraphs Deleted)

This Agreement entered into as of the day and year first written above.

OWNER (Signature)

(Printed name and title)


ARCHITECT (Signature)

Ed Champagne, Principal
(Printed name, title, and license number, if required)

November Principal Reports

Lind Elementary - Academic Celebration, Community Spirit, and Student Success

Academic Olympics: Celebrating SBAC Success We are proud to report on the recent success of our Academic Olympics, an event dedicated to recognizing the hard work and intellectual strides of our student body. This assembly specifically focused on celebrating **Growth and Proficiency on SBAC testing.**

By publicly acknowledging these achievements, we are not only validating the hard work of our high-performing students but also encouraging a culture of academic excellence across the school. The increasing number of students meeting these rigorous standards is a testament to the dedication of our teaching staff and the resilience of our learners.

Lind Elementary Penny Wars School spirit and friendly competition were at an all-time high as we wrapped up the Lind Elementary Penny Wars. The participation was enthusiastic, featuring intense "sabotages" where students could deduct points from rival classes, adding a layer of strategy and excitement to the fundraiser.

The results were outstanding, with the school raising **over \$1,000** to support student activities. After a hard-fought battle, **Miss Perez's 4th Grade class** took the win! We want to say "Great Job" to Miss Perez and her students, and thank the entire elementary community for their generosity and spirit.

School Culture: Staff Morale & Appreciation Our school culture remains vibrant and supportive, highlighted by two recent staff events. First, we are enjoying our current morale activity, **"I've Been Gobbled."** Similar to the popular Halloween tradition of being "Boo'd," this is a game where staff members secretly leave treats and a sign for a colleague to "pay it forward." It has been a fun way to build camaraderie leading up to the break.

Additionally, we recently celebrated **Technician Appreciation Day** by hosting a staff-wide potluck to honor our technician, Matt. It was a wonderful opportunity for the faculty to come together over a shared meal and formally recognize the essential, hard work Matt does behind the scenes to support our school.

Ritzville Grade School Board Report – November 2025

November has gone well, and students are really responding to our Bronco P.R.I.D.E. expectations. We had our first Bronco P.R.I.D.E. experience day on November 7th, and students were excited to earn a treat or activity. More PBIS events are coming, including a fun activity on November 14th, the Bronco Store on November 21st, and a Pajama Day with a schoolwide activity on November 26th before early release.

December will be busy, with lots of traditions students look forward to. Upcoming events include:

- Food Drive (Dec. 1–5)
- Book Fair (Dec. 1–6) and the Holiday Bazaar (Dec. 6)
- Holiday poster delivery field trip around Ritzville (Dec. 3)
- TK–4th Music & 5th Grade Band Concert — thank you, Mrs. Wagner! (Dec. 11)
- Santa is flying back to Ritzville! (Dec. 13)
- Spirit Week (Dec. 15–19)

PBIS also continues with Bronco Pride Awards and experiences on December 5th, another Bronco Store on December 17th, cookie decorating on December 18th, and one more Pajama Day December 19th before we head out for winter break.

Staff are continuing meaningful Friday PD work focused on grade-band collaboration, IXL data, interventions, and expanding our school - community resources. The library work has really helped strengthen and add community partnerships. With their help we have been able to offer more opportunities for students to access books, literacy, technology (STEAM), and other resources.

To wrap up the season, we'll also be hosting a staff Christmas get-together at the bowling alley.

Overall, the building feels positive, routines are solid, and both staff and students are working hard and having fun.

LRMS: Sports Season Transition, Veterans Day, and Academics/Attendance

Sports Season Transition

Our school's athletic programs have successfully transitioned from a highly successful fall season, where both ***Football and Volleyball achieved excellent growth***, to the winter season. The momentum continues as ***Girls' Basketball and Wrestling have both started strong***, with Boys' Basketball set to begin after the New Year.

A highlight this season is ***the new snack program for all teams, made possible by a generous donation from a local church group***. This initiative is a direct investment in the well-being and sustained energy of our student-athletes, providing nourishing pre- and post-game snacks to support faster recovery and performance. The program has significantly boosted morale and reinforced appreciation across all athletic programs.

Veteran's Day Assembly

Community engagement was outstanding this period, highlighted by the ***exceptional Veterans Day Assembly planned by our ASB***. It was a moving and impactful event featuring dedicated student participation, a performance by the band, positive messages from visiting veterans, and a powerful conclusion with an ASB skit and motivational video. We commend the ASB for their commitment to this important annual tribute.

Academics/Attendance

On the academic front, we are seeing ***significant success, which was recently celebrated at our Academic Olympics***. The increasing number of awards for student achievements in I-Ready growth and SBAC proficiency demonstrates tangible academic improvements across the student body. While these academic gains are encouraging, ***attendance remains a struggle***. We are actively addressing this with focused interventions for chronic absenteeism, including follow-through on letters, parent/guardian meetings, and home visits. We anticipate seeing positive changes soon.

Let me know if you have any questions. My door is almost always open!

LRHS November Board Report 11/24/25 - November Professional Development Update, 30 Intervention Planning, Late Arrivals. **Staff Professional Learning:** Student Engagement

Throughout November, teachers engaged in professional learning focused on building a student-centered environment that increases participation, ownership, and achievement. Using the 'Improving Student Engagement' workshop series, teachers explored 15 strategies such as self-assessment, peer feedback, co-created criteria, flexible assessment options, inquiry-based learning, and the Question Formulation Technique (QFT).

Teachers completed a self-assessment, identified one 'Green Light Strategy' to implement immediately, and selected one 'Stretch Strategy' to work toward. Professional learning sessions included whole-group instruction, accountability pods, and partner planning aligned to December goals.

30-Day Intervention Planning System

As the semester nears its end, LRHS implements a structured intervention system to support students' academic success. A LRHS flowchart guides staff through consistent phases of support:

- Weeks 1–3: Prevention – Teachers review grades, monitor progress, and contact parents early.
- Weeks 4–7: Tier II Intervention – Mentor teachers call and email parents weekly; students may be referred to intervention specialists.
- Weeks 9–12: Tier III Intervention – After school support, goal-setting, progress monitoring, and possible schedule adjustments. End-of-Trimester Options – Credit recovery (BYU Online), Google Classroom support, or retaking the course in the future.

A compassionate parent letter begins the 30-day process, outlining concerns, teacher supports, and available schoolwide interventions, while emphasizing partnership and the goal of avoiding schedule changes or credit recovery placements whenever possible.

Late Arrivals to 1st Period and Returning from Lunch

LRHS has implemented a 1st and 5th period tardy kiosk in the office to cut down on clerical work and put the ownership of being late to school 1st period or returning from lunch on the student more than the office staff.

Students will use a computer kiosk to enter their school number to get a pass to class. The system keeps track of the number of tardies, and it notifies me, the principal, when the student has hit the 5 tardy threshold for student discipline. Since we started this system, the number of tardies have greatly decreased.