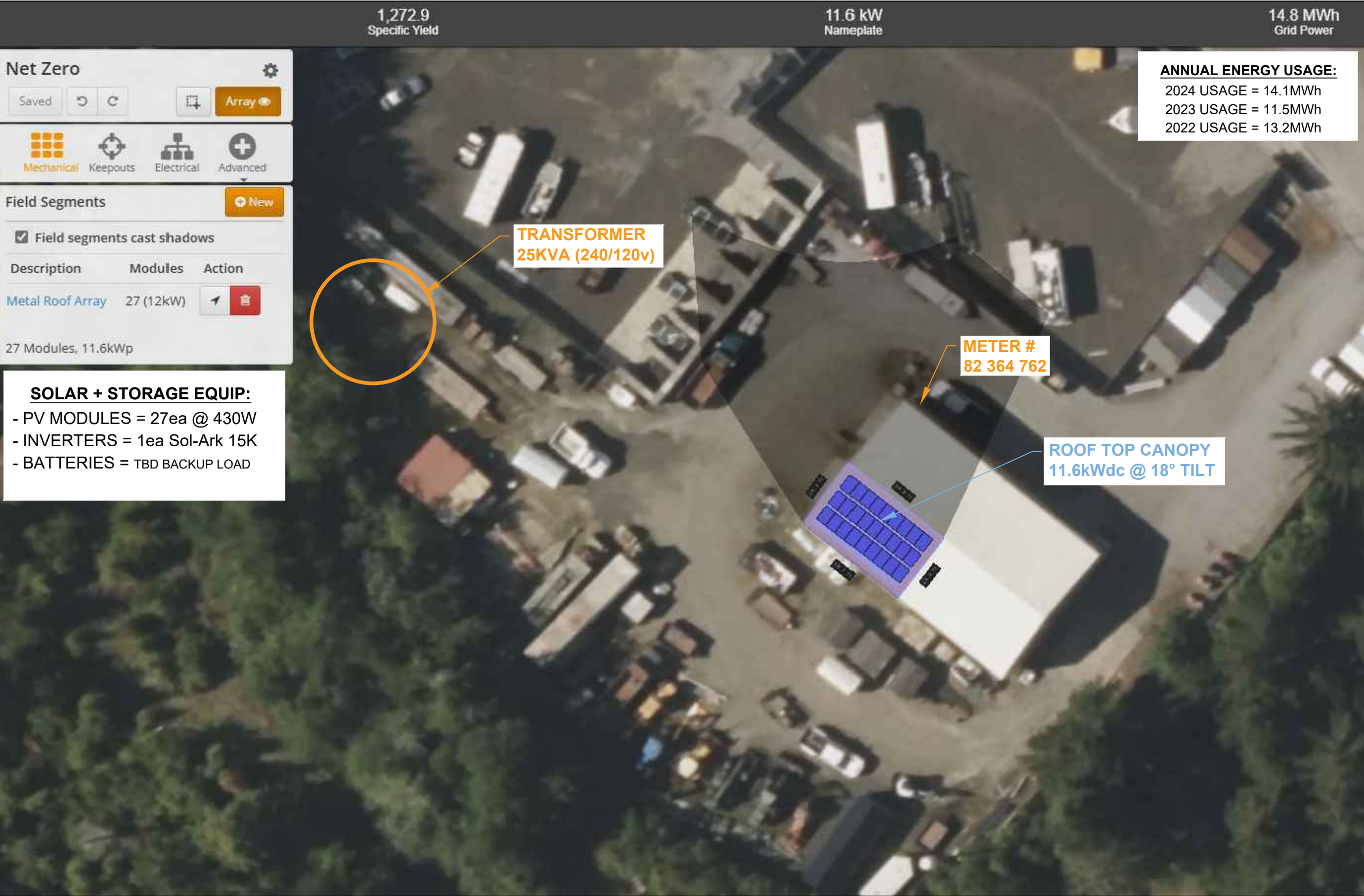




SITE PLAN

Scale: NTS

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Sustainable Building / Renewable Energy / Environmental Consulting

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541-266-0877 www.solcoast.com



SOL COAST COMPANIES, LLC

SINCE 2003

General Notes

PROJECT
CIHA MAINT BLDG

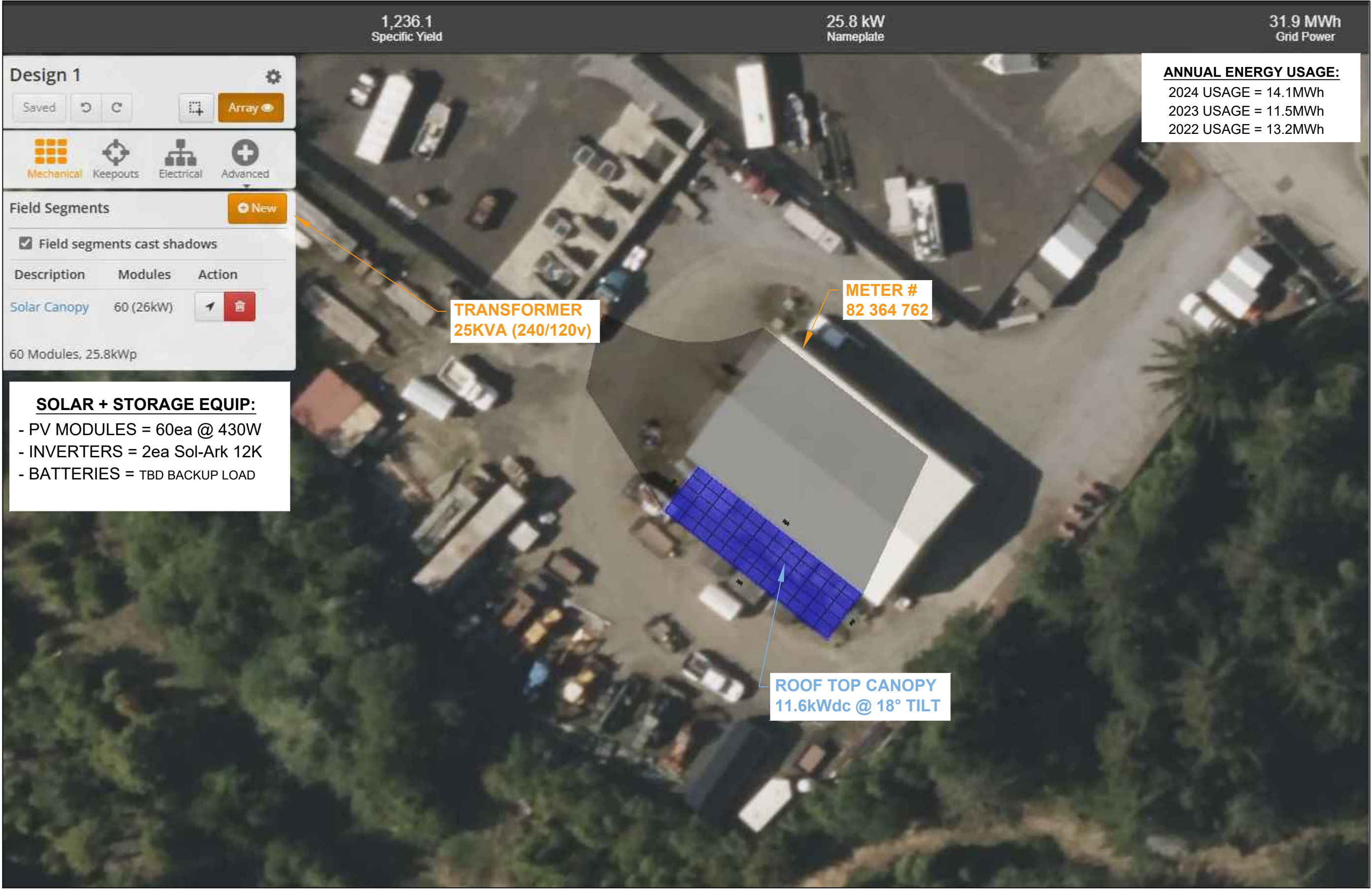
ENGINEER	DRAWN BY	CHECKED BY	REVISION	DATE
	ZITZMANN		DRAFT	MAR. 8, 2025

SCALE	NTS

Project Owner and Address

CIHA MAINT BLDG
831 MILUK DR
COOS BAY, OR 97420

A.A



Design 1

Saved

Array

Mechanical

Keepouts

Electrical

Advanced

Field Segments

New

Field segments cast shadows

Description	Modules	Action
Solar Canopy	60 (26kW)	

60 Modules, 25.8kWp

SOLAR + STORAGE EQUIP:

- PV MODULES = 60ea @ 430W
- INVERTERS = 2ea Sol-Ark 12K
- BATTERIES = TBD BACKUP LOAD

ANNUAL ENERGY USAGE:

2024 USAGE = 14.1MWh
2023 USAGE = 11.5MWh
2022 USAGE = 13.2MWh

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SOL COAST COMPANIES, LLC

SINCE 2003

General Notes

PROJECT

CIHA MAINT BLDG

Client Owner and Address

CIHA MAINT BLDG

831 MILUK DR

COOS BAY, OR 97420

ENGINEER

DESIGNED BY

ZITZMANN

CHECKED BY

REVISION

DRAFT

DATE

MAR. 8, 2025

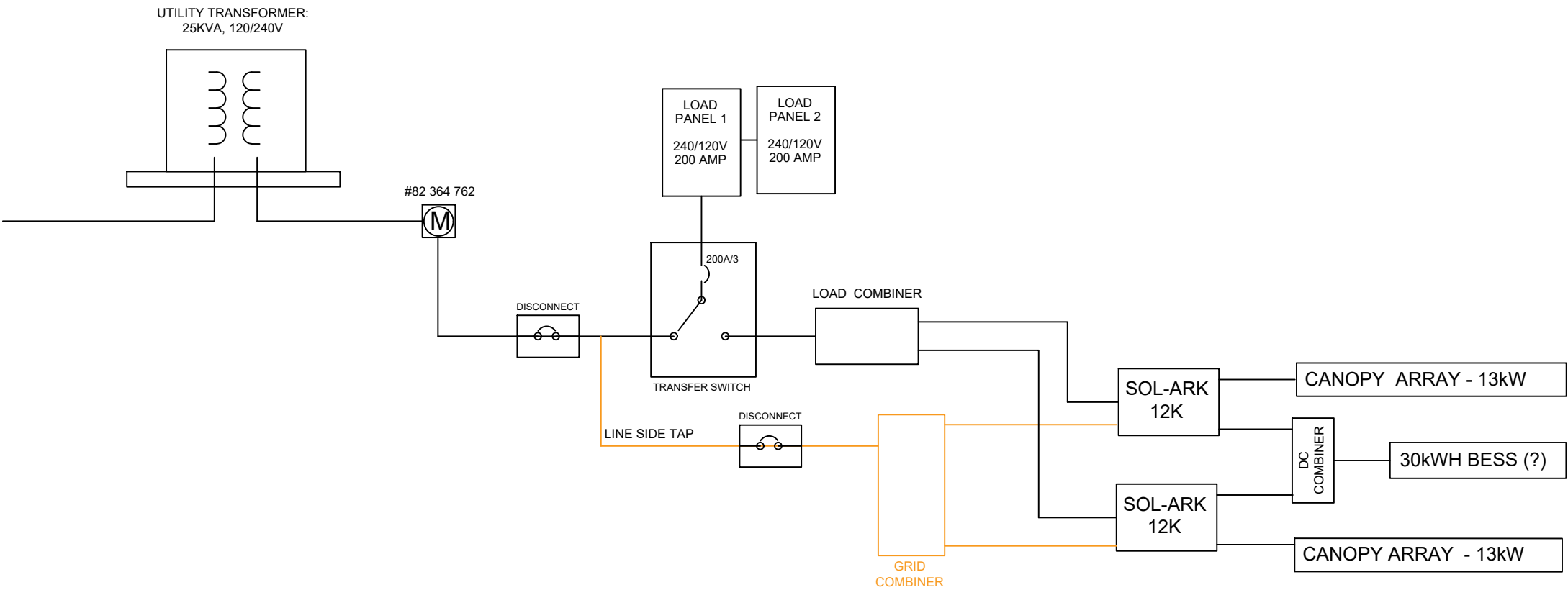
SCALE

NTS

A.B

SITE PLAN

Scale: NTS



PROPOSED SOLAR & STORAGE
26kW PV & BESS SIZE TBD
2EA - 12kWdc PV ARRAYS

ONE LINE

Scale: NTS

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SINCE 2003

General Notes

PROJECT

CIHA MAINT BLDG

ENGINEER

DESIGNED BY

CHECKED BY

SCALE

CIHA MAINT BLDG

831 MILUK DR

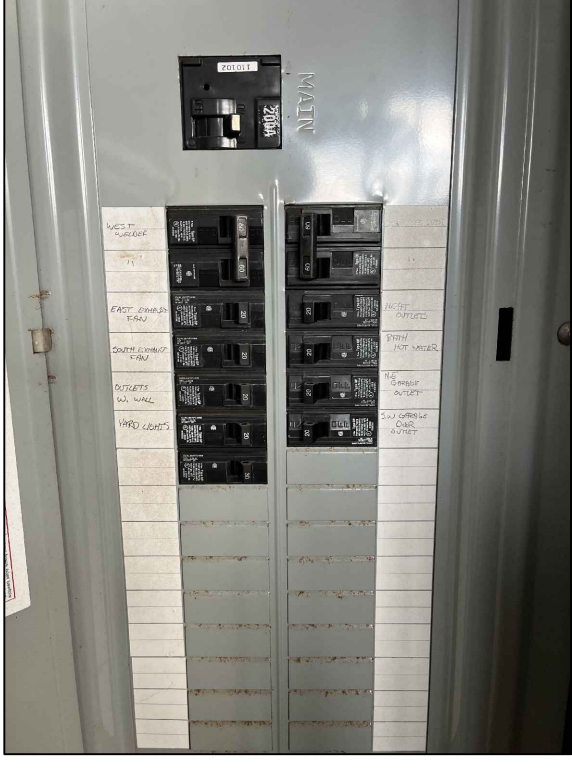
COOS BAY , OR 97420

NTS

DATE

MAR. 8, 2025

NTS



LOAD PANEL 1



LOAD PANEL 2



UTILITY METER

UTILITY TRANSFORMER:
25KVA (240/120V)

PER INITIAL FEED BACK, CRITICAL LOADS INCLUDE:
LIGHTS, EQUIPMENT, GENERAL OUTLETS.

RECOMMEND FULL BATTERY BACKUP OF LOAD PANEL.
GENERATOR INPUTS TO INVERTERS FOR LONG
DURATION OUTAGE IN LOW SOLAR CONDITIONS.

MISSING PHOTO OF TRANSFORMER LOCATION.

PROJECT

CIHA MAINT BLDG

ENGINEER

NA

CHECKED BY

SCALE

NTS

DRAWN BY

ZITZMANN

REVISION

DRAFT

DATE

MAR. 8, 2025

Project Owner and Address

CIHA MAINT BLDG
831 MILUK DR
COOS BAY, OR 97420

ES.A

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General Notes



PLAYGROUND CANOPY
129kWdc @ 5° TILT

CHANGE TO CURRENT
TRANSFORMER OF
50KVA (240/120v) TO
LARGER SERVICE
REQUIRED TO ACCEPT
LARGE SIZE ARRAY

SOLAR + STORAGE EQUIP:
- PV MODULES = 300ea @ 430W
- INVERTERS = 8ea Sol-Ark 15K
- BATTERIES = TBD BACKUP LOAD

SITE PLAN

Scale: NTS

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General Notes

PROJECT: CIHA Mexeye Playgr
CIHA Mexeye Playground
Project Owner and Address
Mexeye Loop Rd.
COOS BAY, OR 97420

ENGINEER	DRAWN BY	REVISION	DATE
	ZITZMANN	DRAFT	MAR. 8, 2025
CHECKED BY			
SCALE	NTS		

A.A



1,172.5
Specific Yield

402.5 kW
Nameplate

471.9 MWh
Grid Power

Distributed Solar

Saved [refresh] [undo] [redo] [Array]

Mechanical Keepouts Electrical Advanced

Field Segments [New]

☒ Field segments cast shadows

Description	Modules	Action
Field Segment 1	12 (5kW)	[arrow] [trash]
Field Segment 10	12 (5kW)	[arrow] [trash]
Field Segment 11	16 (7kW)	[arrow] [trash]
Field Segment 12	16 (7kW)	[arrow] [trash]
Field Segment 13	16 (7kW)	[arrow] [trash]
Field Segment 14	9 (4kW)	[arrow] [trash]
Field Segment 15	12 (5kW)	[arrow] [trash]
Field Segment 16	12 (5kW)	[arrow] [trash]
Field Segment 17	12 (5kW)	[arrow] [trash]
Field Segment 18	15 (6kW)	[arrow] [trash]
Field Segment 19	12 (5kW)	[arrow] [trash]
Field Segment 2	12 (5kW)	[arrow] [trash]
Field Segment 20	18 (8kW)	[arrow] [trash]
Field Segment 21	9 (4kW)	[arrow] [trash]
Field Segment 22	9 (4kW)	[arrow] [trash]
Field Segment 23	9 (4kW)	[arrow] [trash]

ANNUAL ENERGY USAGE:

2018 3YR AVG = 108 MWh
2008 1YR AVG = 133 MWh

SOLAR + STORAGE EQUIP:
- PV MODULES = 900+ea @ 430W
- INVERTERS = Sol-Ark 5K & 8K
- BATTERIES = TBD BACKUP LOAD

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SINCE 2003

General Notes

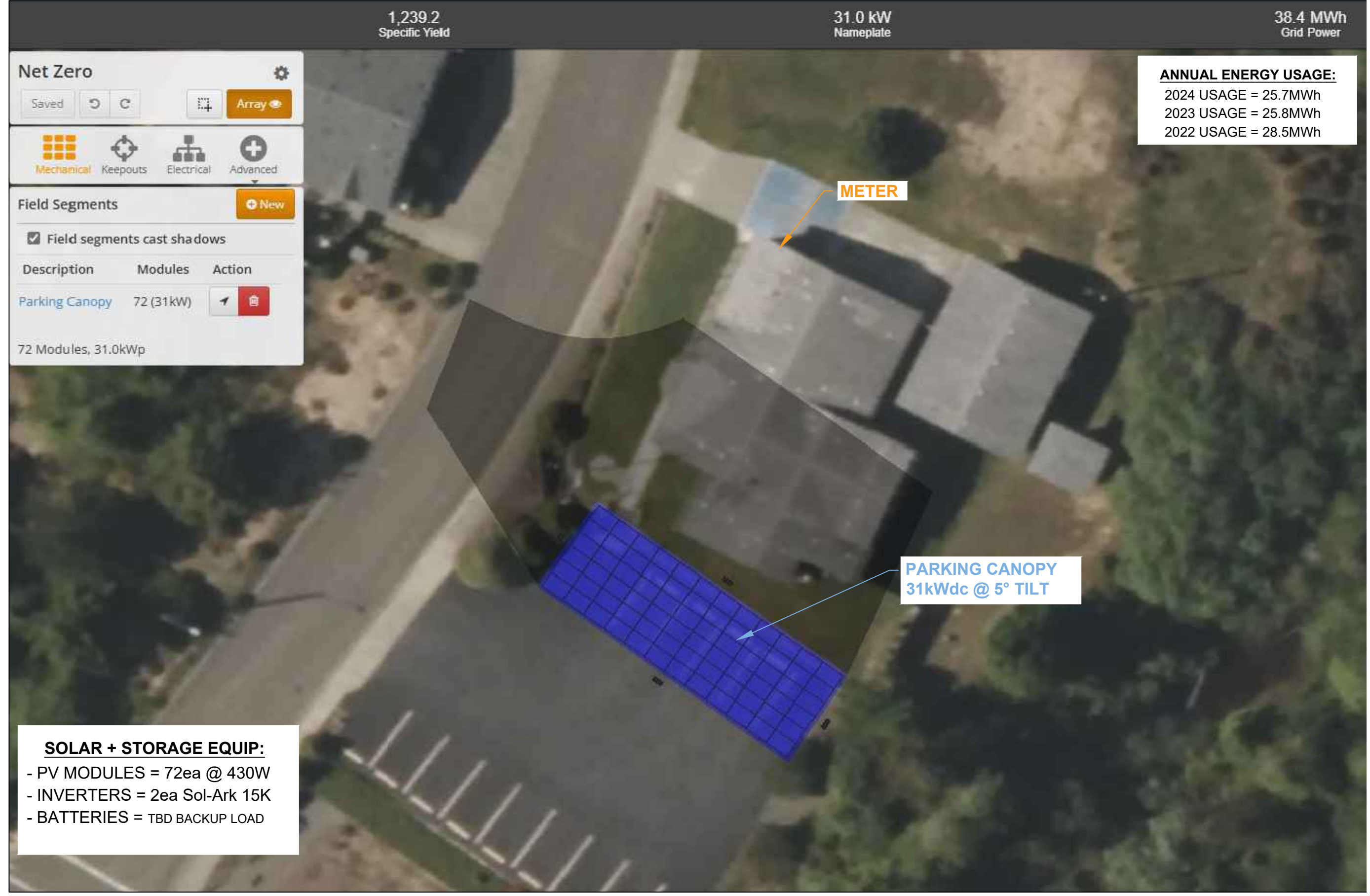
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DRAWN BY: ZITZMANN
CHECKED BY: [blank]
ENGINEER: [blank]
REVISION: DRAFT
DATE: MAR. 8, 2025
SCALE: NTS

CIHA Mexeye Resi
Mexeye Loop Rd.
COOS BAY, OR 97420

A.B

SITE PLAN

Scale: NTS



ANNUAL ENERGY USAGE:
2024 USAGE = 25.7MWh
2023 USAGE = 25.8MWh
2022 USAGE = 28.5MWh

SOLAR + STORAGE EQUIP:
- PV MODULES = 72ea @ 430W
- INVERTERS = 2ea Sol-Ark 15K
- BATTERIES = TBD BACKUP LOAD

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SINCE 2003

General Notes

PROJECT

CIHA Office & Garage

Client Name and Address

CIHA Office & Garage
2678 Mexeye Loop
COOS BAY, OR 97420

ENGINEER

DESIGNED BY

CHECKED BY

SCALE

DATE

REVISION

DATE

NTS

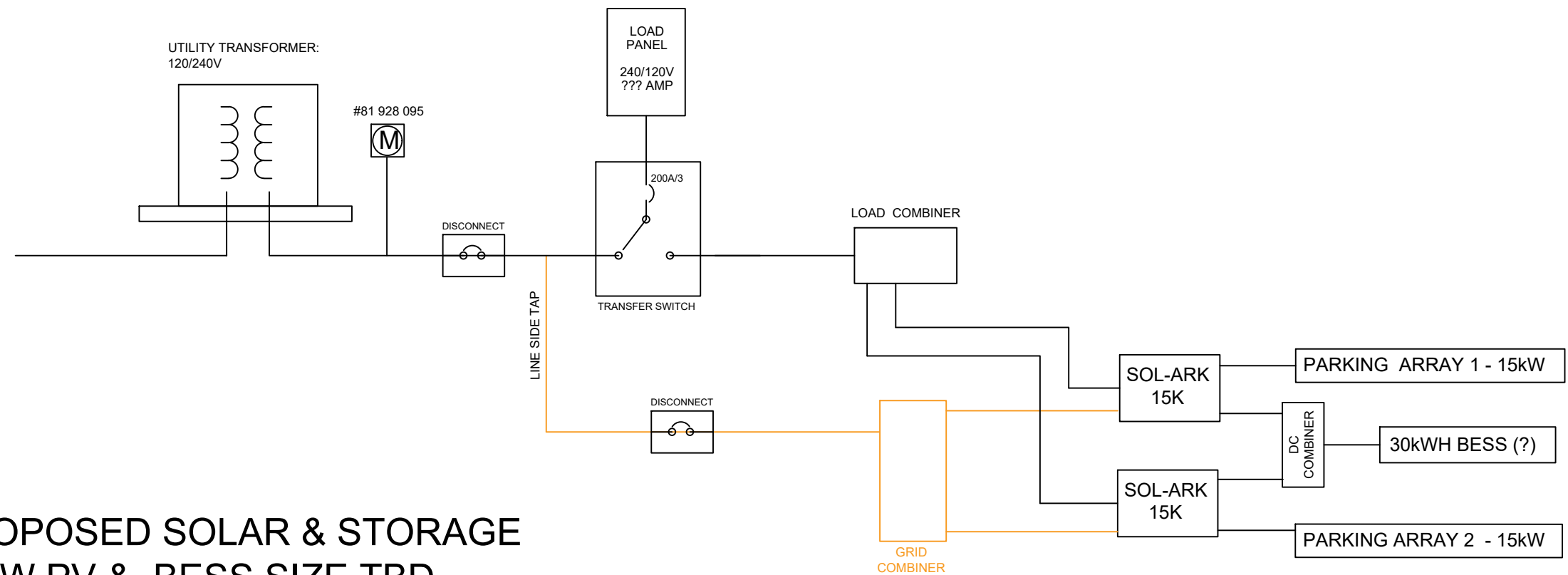
MAR. 8, 2025

DRAFT

A.A

SITE PLAN Scale: NTS

PROPOSED SOLAR & STORAGE
31kW PV & BESS SIZE TBD
2EA - SOL-ARK 15K INVERTERS



ONE LINE

Scale: NTS

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LICENSED: DANIELA E. HUBER, CDR #16408
243 S. 2nd Street, Coos Bay, OR 97420
541-266-0877 www.solcoast.com

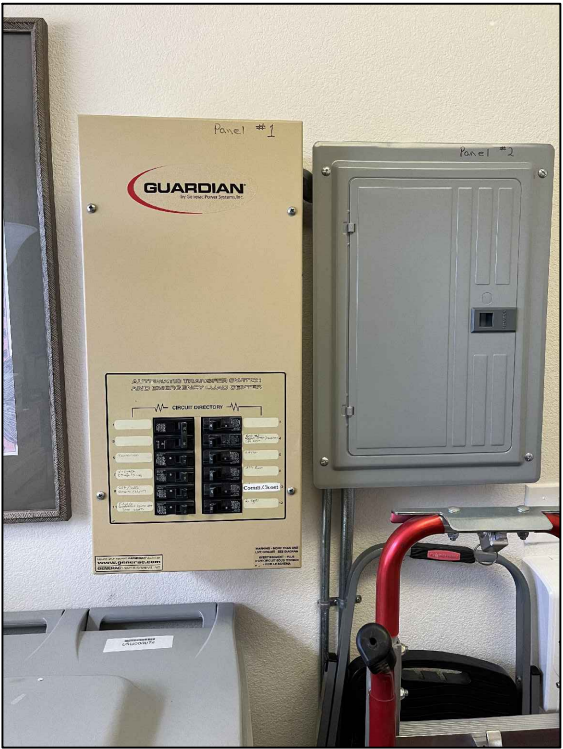
SOL COAST COMPANIES, LLC
SINCE 2003

General Notes

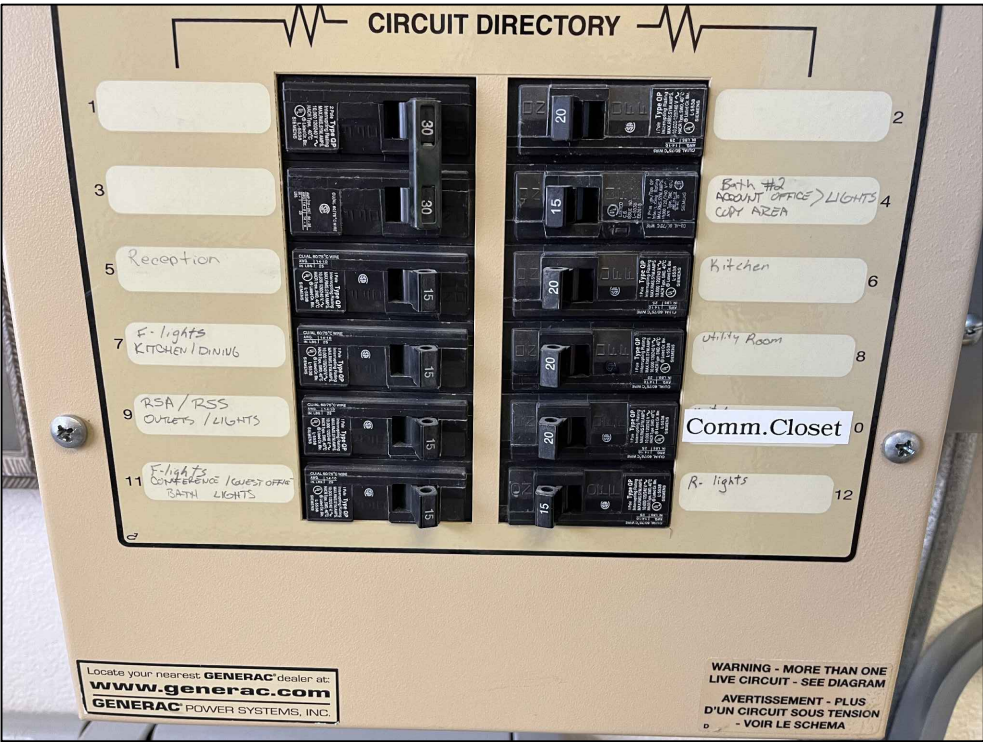
PROJECT: CIHA Office & Garage
Client Owner and Address: CIHA Office & Garage, 2678 Mexeye Loop, COOS BAY, OR 97420

ENGINEER	DRAWN BY	DATE
CHECKED BY	ZITZMANN	MAR. 8, 2025
SCALE	REVISION	NA
NTS		

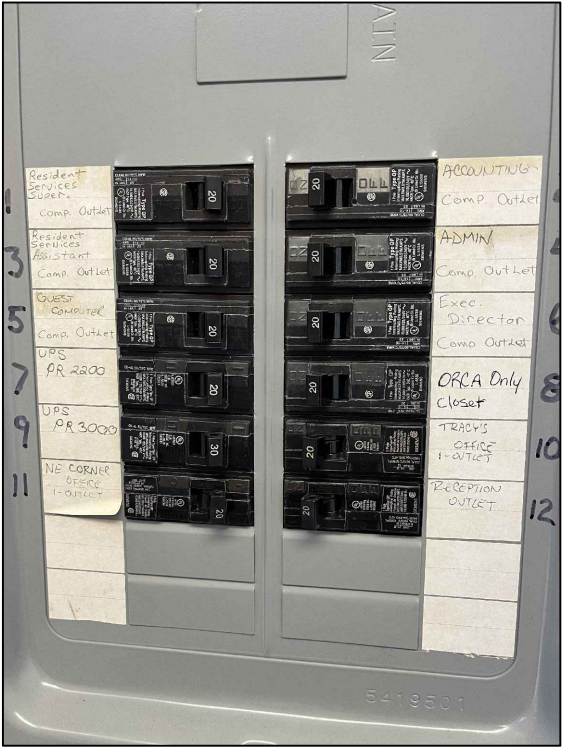
OE.A



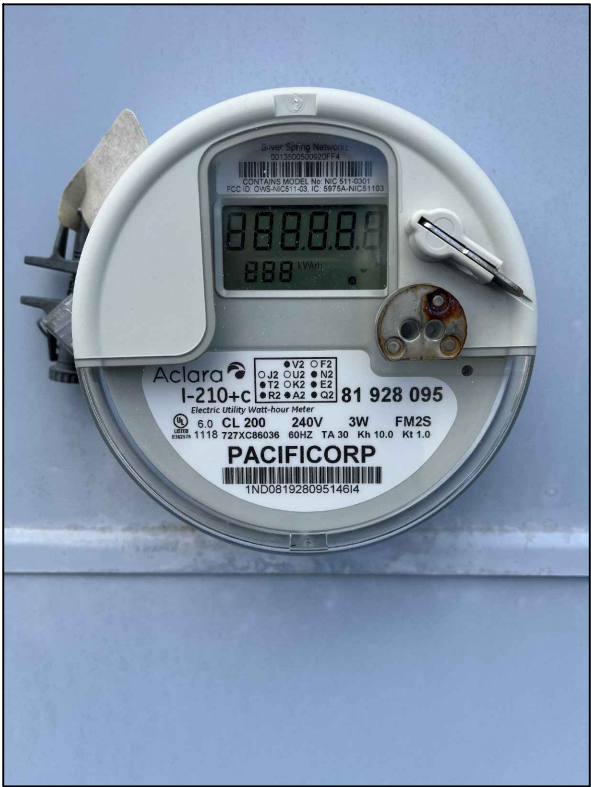
UTILITY TRANSFORMER:
75KVA (208Y/120V)



LOAD PANEL 1



LOAD PANEL 2



UTILITY METER

PER INITIAL FEED BACK, CRITICAL LOADS INCLUDE:
LIGHTS, COMMS, KITCHEN

RECOMMEND FULL BATTERY BACKUP OF LOAD PANEL.
MISSING PHOTO OF GARAGE LOAD PANEL.

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SINCE 2003

General Notes

PROJECT
CIHA Office & Garage

ENGINEER
NA

CHECKED BY
ZITZMANN

REVISION
DRAFT

SCALE
NTS

Project Owner and Address
CIHA Office & Garage
2678 Mexeye Loop
COOS BAY, OR 97420

DATE
MAR. 8, 2025

ES.A



1,297.0
Specific Yield

68.8 kW
Nameplate

89.2 MWh
Grid Power

Design 1

Saved ↺ ↻

Array

Mechanical

Keepouts

Electrical

Advanced

Field Segments

New

Field segments cast shadows

Description	Modules	Action
Field Segment 1	160 (69kW)	⚡ 🗑

160 Modules, 68.8kWp

SOLAR + STORAGE EQUIP:

- PV MODULES = 160ea @ 430W
- INVERTERS = 4ea Sol-Ark 15K
- BATTERIES = TBD BACKUP LOAD

ANNUAL ENERGY USAGE:

2024 USAGE = 43.2MWh
2023 USAGE = 68.3MWh
2022 USAGE = 62.8MWh

TRANSFORMER
300KVA (208y/120v)

METER # 75 457 286
(NET METERING)

OTHER METER # s:

81 196 444 - 75 680 646
75 680 651 - 75 680 653
75 680 652 - 75 680 650

INSTALLED SOLAR+STORAGE
66.6kWdc FLUSH ROOF MOUNT
4ea -Sol-Ark 15K w/ EG4 BESS
(ONLY SAW 2ea-Sol-Ark 15K)

PARKING CANOPY
69kWdc @ 10° TILT

SITE PLAN

Scale: NTS

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SOL COAST COMPANIES, LLC SINCE 2003

General Notes

PROJECT

CIHA Warehouse

801 MILUK DR
COOS BAY, OR 97420

ENGINEER	DRAWN BY	REVISION	DATE
	ZITZMANN	DRAFT	MAR. 8, 2025

CHECKED BY	SCALE
	NTS

A.A