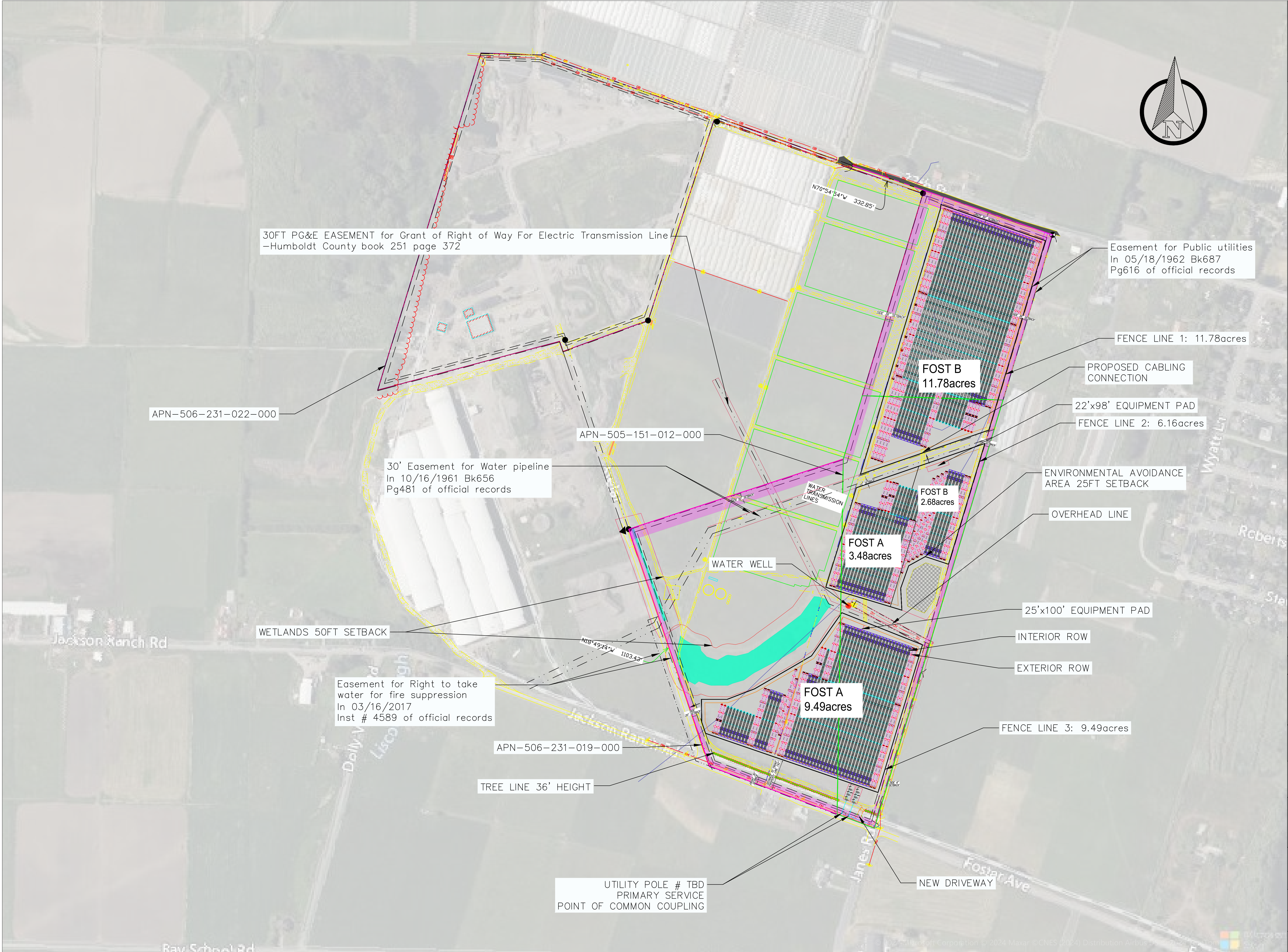




RENEWABLE AMERICA LLC
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FOSTER CLEAN POWER A & B PV SYSTEM SPECS:

MODULE SPECIFICATION	
MANUFACTURER	ASTRONERGY
PV MODULE MODEL	CHSM60M(DG)/F-BH
PV MODULE POWER (Pmax)	655
OPEN CIRCUIT VOLTAGE (V)	45.49
VOLTAGE TEMP. COEFF. (%/°C)	0.25
FOST A	
INVERTER SPECIFICATION	
MANUFACTURER	POWER ELECTRONICS
INVERTER MODEL	FS4010K
MAX OUTPUT POWER (kW)	3000
AC OUTPUT CURRENT (A)	3674
NOM AC VOLTAGE (kV)	0.63
MAX INPUT CURRENT (A)	4590
MIN VOLTAGE START UP (V)	891
MAX INPUT VOLTAGE (V)	1500
PV SYSTEM SPECIFICATION	
DC SYSTEM SIZE (kWp)	4457
TOTAL NUMBER OF MODULES	6804
AC SYSTEM NAMEPLATE (kW)	3000
TOTAL NUMBER OF INVERTERS	1
LOADING RATIO	1.49
1,2,3 STRING TRACKER QUANTITY	24,33,51
INNER SPACING / PITCH (ft)	7.00 / 4.821
TILT (°)	60
BATTERY STORAGE SYSTEM SPECIFICATION	
MANUFACTURER	BYD
BESS MODEL	CP32-82800-U-R4M02/WVR
BATTERY VOLTAGE RANGE (V-DC)	934-1231.2
BATTERY CAPACITY (kWh)	2610
OUTPUT POWER (kW)	625
TOTAL BESS UNIT QUANTITY	2
TOTAL BESS POWER (MW)	1.25
TOTAL BESS CAPACITY (kWh)	5220
FOST B	
INVERTER SPECIFICATION	
MANUFACTURER	POWER ELECTRONICS
INVERTER MODEL	FS4010K
MAX OUTPUT POWER (kW)	4000
AC OUTPUT CURRENT (A)	3674
NOM AC VOLTAGE (kV)	0.63
MAX INPUT CURRENT (A)	4590
MIN VOLTAGE START UP (V)	891
MAX INPUT VOLTAGE (V)	1500
PV SYSTEM SPECIFICATION	
DC SYSTEM SIZE (kWp)	4952
TOTAL NUMBER OF MODULES	7560
AC SYSTEM NAMEPLATE (kW)	4000
TOTAL NUMBER OF INVERTERS	1
LOADING RATIO	1.24
1,2,3 STRING TRACKER QUANTITY	17,11,77
INNER SPACING / PITCH (ft)	7.00 / 4.821
TILT (°)	60
BATTERY STORAGE SYSTEM SPECIFICATION	
MANUFACTURER	BYD
BESS MODEL	CP32-82800-U-R4M02/WVR
BATTERY VOLTAGE RANGE (V-DC)	934-1231.2
BATTERY CAPACITY (kWh)	2610
OUTPUT POWER (kW)	625
TOTAL BESS UNIT QUANTITY	2
TOTAL BESS POWER (MW)	1.25
TOTAL BESS CAPACITY (kWh)	5220

THIS DRAWING IS FOR PERMITTING
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NOT FOR CONSTRUCTION.

NO.	REVISION / ISSUE	DATE
0.	A002	27-Oct-24

PROJECT NAME:
FOSTER CLEAN POWER A&B

PROPERTY OWNER:
Arcata Land Company LLC

PROPERTY OWNER CONTACT:
(707)-845-7721

PARCEL NUMBER:
506-231-019, 505-151-012, 506-231-022

LOCATION:
Foster Ave, Arcata, CA
95521

POI GPS COORDINATES:
40.881197, -124.100703

DRAWING TITLE:
FOST-A& B SITE PLAN

AUTOCAD FILE NAME: 241023-RNA-LAYOUT-FOST-A-B-9408KWD		SHEET: LAYOUT	
PLOT FILE NAME: 241023-RNA-LAYOUT-FOST-A-B-9408KWD		PLOT DATE: 27-Oct-24	
DRAWN BY: UR	CHECKED BY:	SCALE: 1"= 190'	PLOT TIME: 14:59