

LEGEND:

OBSTRUCTION

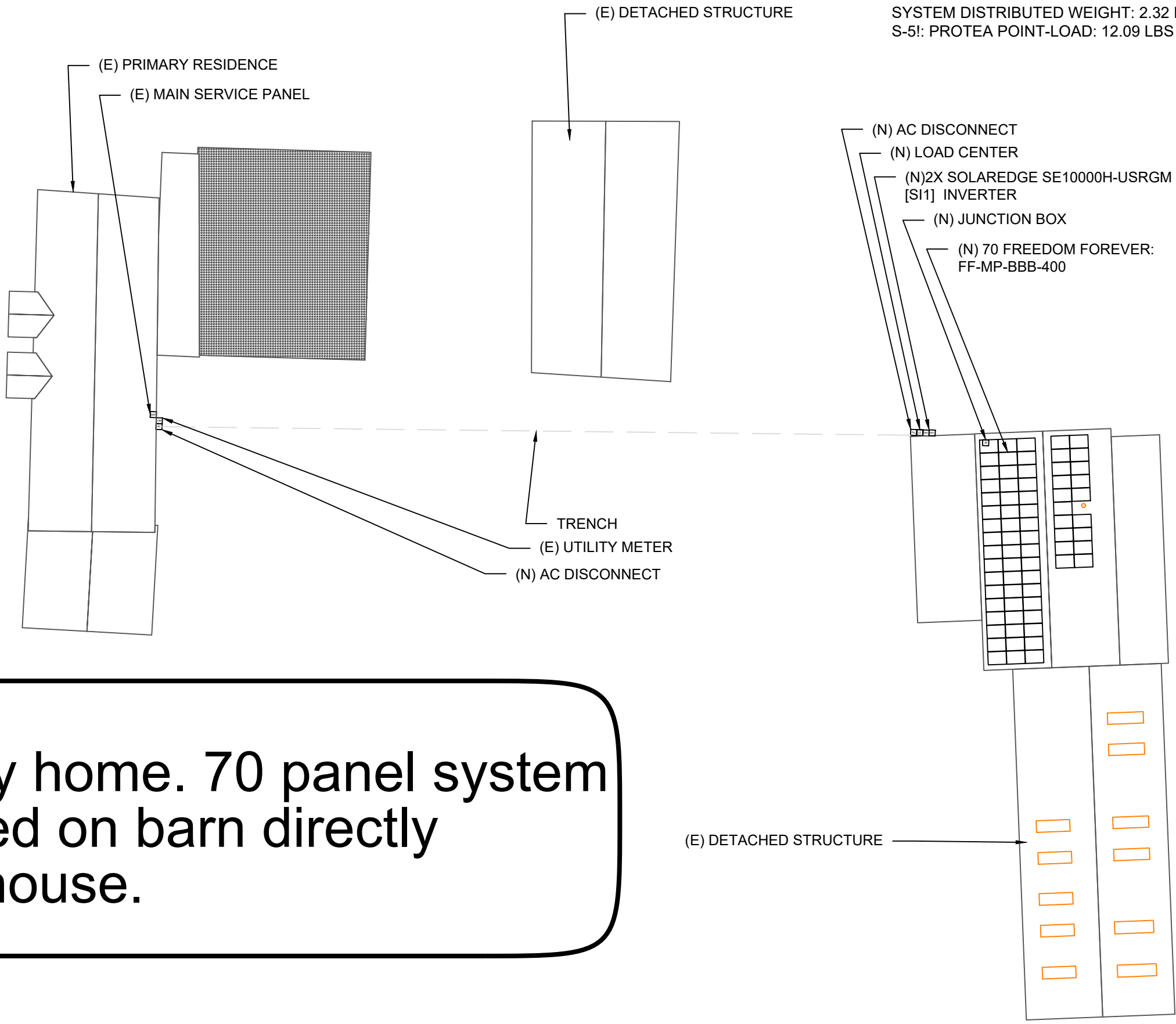
PIPE VENT

UM

MSP

INV

JB



TOTAL ROOF AREA: 9609.04 SQ FT
TOTAL ARRAY AREA: 1471.36 SQ FT
ARRAY COVERAGE: 15.31%
SYSTEM DISTRIBUTED WEIGHT: 2.32 LBS
S-5!: PROTEA POINT-LOAD: 12.09 LBS

ROOF AREA: 9609.04 SQ FT

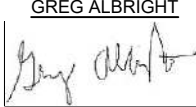
CLIENT:
JOHN HICKEY
327 NW CARR CT, LAKE CITY, FL 32055
AHJ: COLUMBIA COUNTY (FL)
UTILITY: FPL - FLORIDA POWER & LIGHT
METER: ACD8733
PHONE: (386) 867-0620
EMAIL: BIGDOGMOM1@GMAIL.COM
FINANCE: OTHER

SYSTEM:
SYSTEM SIZE (DC): 70 X 400 = 28.000 kW
SYSTEM SIZE (AC): 20.000 kW @ 240V
MODULES: 70 X FREEDOM FOREVER:
FF-MP-BBB-400
OPTIMIZERS: 70 X SOLAREEDGE S440
INVERTER 1: SOLAREEDGE SE10000H-USRGM
[SI1]
INVERTER 2: SOLAREEDGE SE10000H-USRGM
[SI1]

REVISIONS		
NO.	REVISED BY	DATE
-	-	-
-	-	-
-	-	-



FREEDOM FOREVER LLC
2619 CONSULATE DR SUITE 800, ORLANDO,
FL 32819
Tel: (800) 385-1075
GREG ALBRIGHT

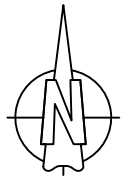


CONTRACTOR LICENSE:
CERTIFIED ELECTRICAL CONTRACTOR
EC13008056

ROOF PLAN WITH MODULES LAYOUT

JOB NO:	DATE:	DESIGNED BY:	SHEET:
331623	5/12/2023	J.M.	PV-2A

two story home. 70 panel system requested on barn directly behind house.



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

1

- NOTES:
- EMT CONDUIT ATTACHED TO THE ROOF USING CONDUIT MOUNTS
 - ATTACHED CLAMPS AT 25% FROM THE EDGE AND 50% FROM THE CENTER OF THE MODULES
 - JUNCTION BOX IS MOUNTED TO THE RAIL.

Aurora Shade Report

Customer

Peg Hickey

Designer

Brandon Faunce

Organization

Freedom Forever

Address

327 NW Carr Ct
Lake City, FL 32055

Coordinates

(30.223969, -82.731356)

Date

11 May 2023

two story home. 70 panel system
requested on barn directly
behind house.

Annual irradiance

