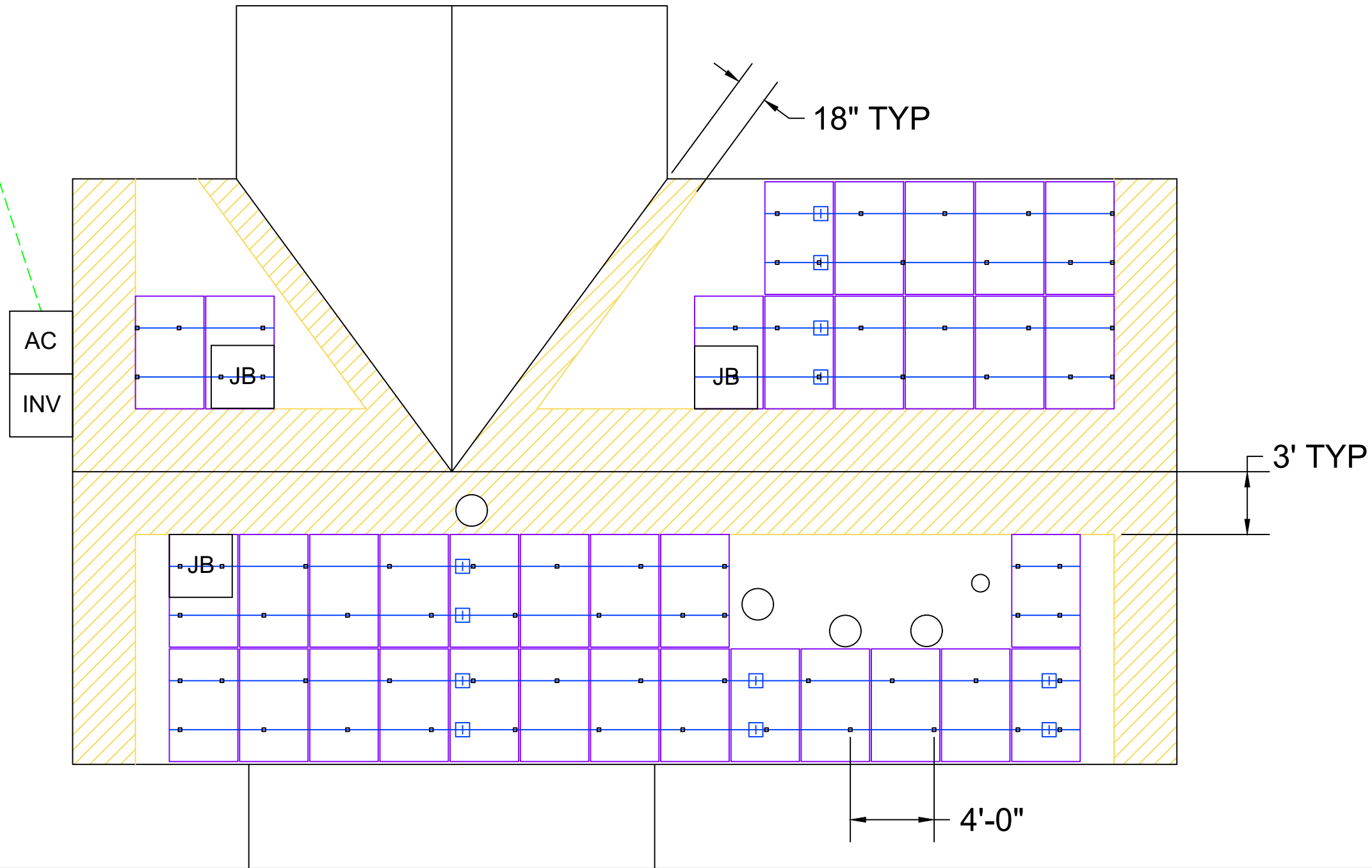
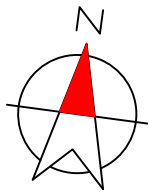




CONTRACTOR INFORMATION:

Meraki Installers
484-663-3792
21 N New Warrington Rd
Pensacola, FL 32507
License # CVC57044

SITE INFORMATION

Daniel Langford
266 Sw Hoot Owl Pl
Ft White, FL 32038
AC SYSTEM SIZE: 10 kW AC
DC SYSTEM SIZE: 11.55 kW DC
Lat, 29.8571158
Long, -82.6524854
(35) Trina Solar TSM-DD06M.05(II) 330 PV
MODULES
(1) SolarEdge SE10000H-US (240V)
INVERTER(S)
Clay Electric Cooperative



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BY SCOTT E. WYSSLING, PE USING A DIGITAL SIGNATURE & DATE.
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ANY ELECTRONIC COPIES.

DRAWN BY: SoloCAD

DATE:
September 13, 2021

ROOF ATTACHMENTS - PV03

EQUIPMENT INFORMATION:

RAIL MANUFACTURER	IronRidge
RAIL PART NUMBER	XR-100
ATTACHMENTS	S-51 - PROTEA BRACKET
ATTACHMENT QTY	73
SPLICE QTY	12
MIDCLAMP QTY	58
ENDCLAMP QTY	24

ROOF INFO:

ROOF TYPE	trap_metal
ROOF FRAMING	manufactured_truss
RAFTER/TOP CHORD SIZE	2x4
RAFTER/TOP CHORD SPACING	24"
ATTACHMENT SPACING	48

PHOTOVOLTAIC ARRAY STRUCTURAL CRITERIA:

PV MODULE COUNT:	35
ARRAY AREA:	MODULE COUNT * 18.06ft ² = 632.1
ROOF AREA:	1644 ft ²
PERCENT OF ROOF COVERED:	38%
ARRAY WEIGHT:	MODULE COUNT * 50lbs = 1750
DISTRIBUTED LOAD:	ARRAY LBS/ATTACHMENTS = 23.97
POINT LOAD: (lbs/ft ²)	(ARRAY) WEIGHT/AREA = 2.77 lbs/ft ²