

PROJECT DESCRIPTION:

15 X 370 SILFAB SOLAR SIL-370 NX MODULES
 ROOF MOUNTED SOLAR PHOTOVOLTAIC MODULES

SYSTEM SIZE: 5.55 kW DC STC
 ARRAY AREA: ROOF#1 - 197.40 SQ FT
 ARRAY AREA: ROOF#2 - 98.70 SQ FT

EQUIPMENT SUMMARY

15 SILFAB SOLAR SIL-370 NX MODULES
 03 GENERAC PV LINK S2502 POWER OPTIMIZERS
 01 GENERAC PWRCELL XVT076A03 (7.6KW) INVERTER

APPLICABLE CODES & STANDARDS

MICHIGAN RESIDENTIAL CODE 2015
 NEC 2017

AUTHORITIES HAVING JURISDICTION

BUILDING : WAYNE COUNTY
 ZONING : WAYNE COUNTY
 UTILITY : DTE ENERGY

DESIGN SPECIFICATIONS

OCCUPANCY : II
 CONSTRUCTION : SINGLE-FAMILY
 ZONING : RESIDENTIAL
 GROUND SNOW LOAD : SEE STRUCTURAL LETTER
 WIND EXPOSURE : SEE STRUCTURAL LETTER
 WIND SPEED : SEE STRUCTURAL LETTER



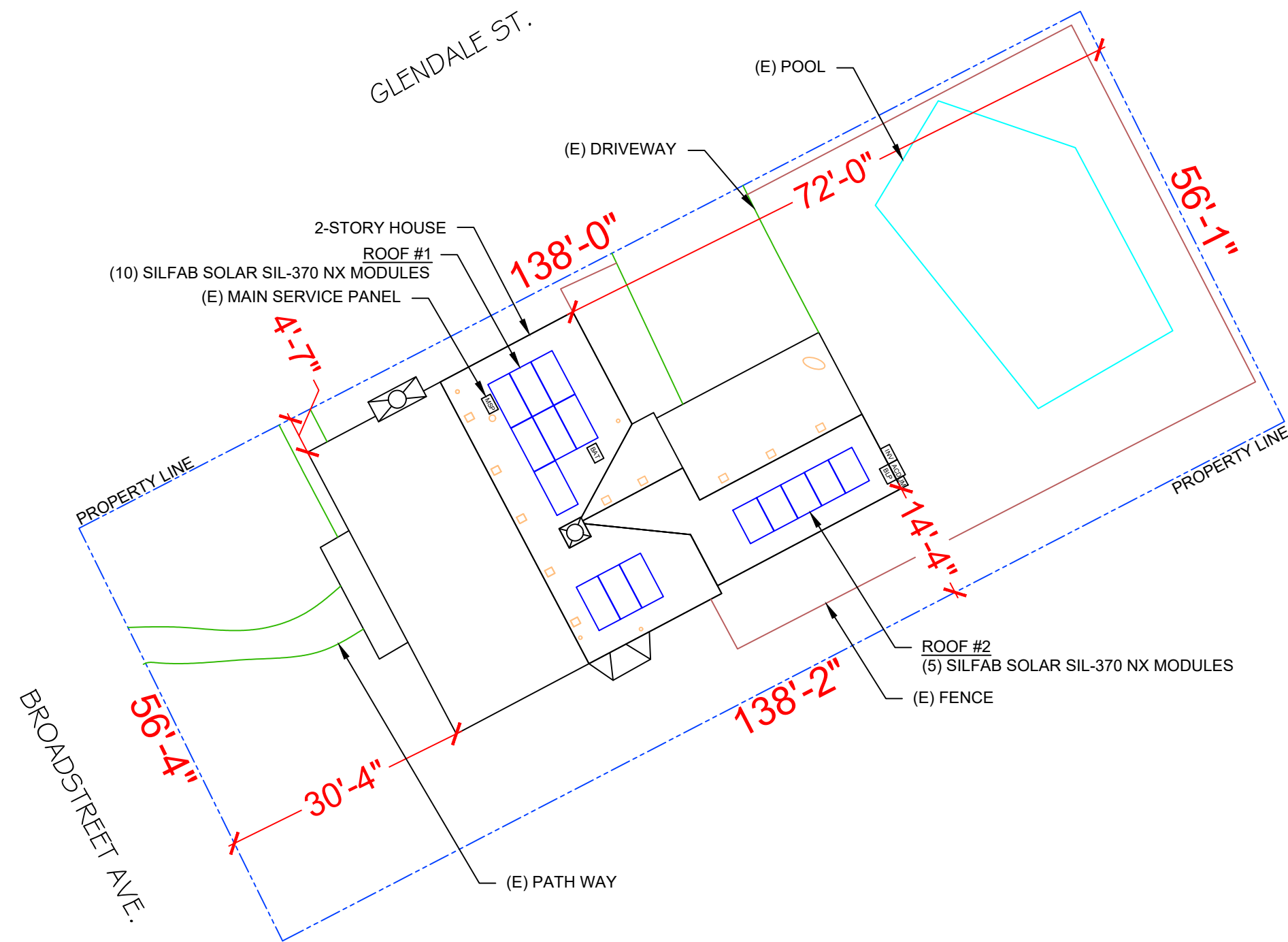
2 HOUSE PHOTO
 PV-1 | SCALE: NTS



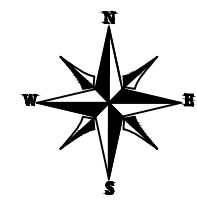
3 VICINITY MAP
 PV-1 | SCALE: NTS

SHEET INDEX

PV-1	PLOT PLAN & VICINITY MAP
PV-2	ROOF PLAN & MODULES
PV-2A	STRING LAYOUT
PV-3	ATTACHMENT DETAIL
PV-4	ELECTRICAL LINE DIAGRAM
PV-5	WIRING CALCULATIONS
PV-6 to 12	EQUIPMENT SPECIFICATIONS



1 PLOT PLAN & VICINITY MAP
 PV-1 | SCALE: 1/16" = 1'-0"



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REVISIONS

DESCRIPTION	DATE	REV

Signature with Seal
 DATE: 8/25/2021

PROJECT NAME & ADDRESS
 CALVIN JUDE
 RESIDENCE
 12746 BROADSTREET AVE.,
 DETROIT, MI 48238

SHEET NAME
 PLOT PLAN & VICINITY MAP

SHEET SIZE
 ANSI B
 11" X 17"

SHEET NUMBER
 PV-1