

PROJECT DESCRIPTION:

22 x SILFAB SIL-300 ML MODULES
 ROOF MOUNTED SOLAR PHOTOVOLTAIC MODULES
 SYSTEM SIZE: 6.6 kW DC STC
 ARRAY AREA: ROOF #1- 256.20 SQ FT.
 ARRAY AREA: ROOF #2- 146.40 SQ FT.

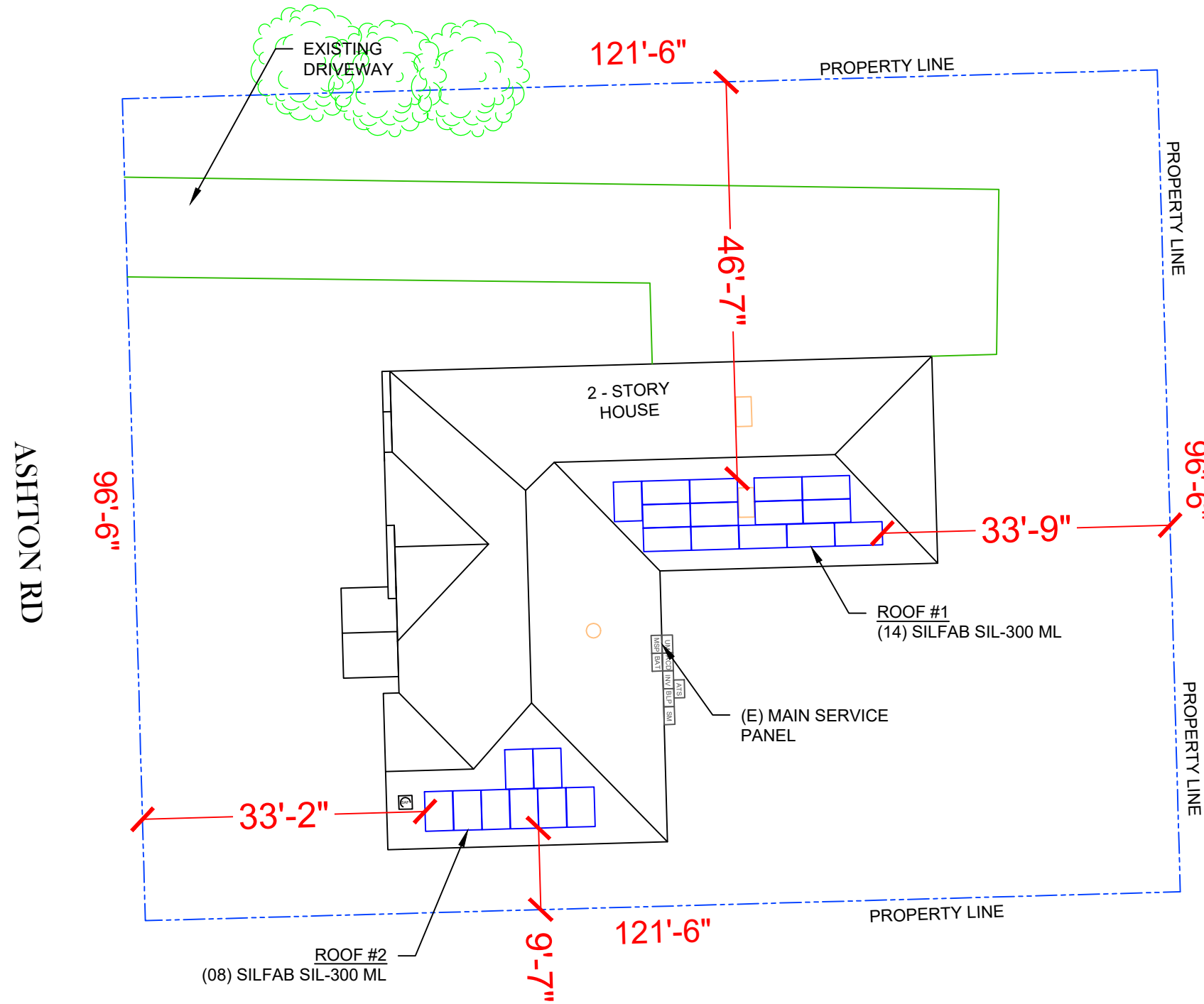
EQUIPMENT SUMMARY

22 SILFAB SIL-300 ML MODULES
 22 SOLAREEDGE POWER OPTIMIZER P320
 01 SOLAREEDGE STOREDGE SE7600A-US INVERTER

APPLICABLE CODES & STANDARDS
 BUILDING: MICHIGAN RESIDENTIAL CODE 2015
 ELECTRICAL: NEC 2017

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

AUTHORITIES HAVING JURISDICTION
 BUILDING: WAYNE COUNTY
 ZONING: WAYNE COUNTY
 UTILITY: DTE ENERGY



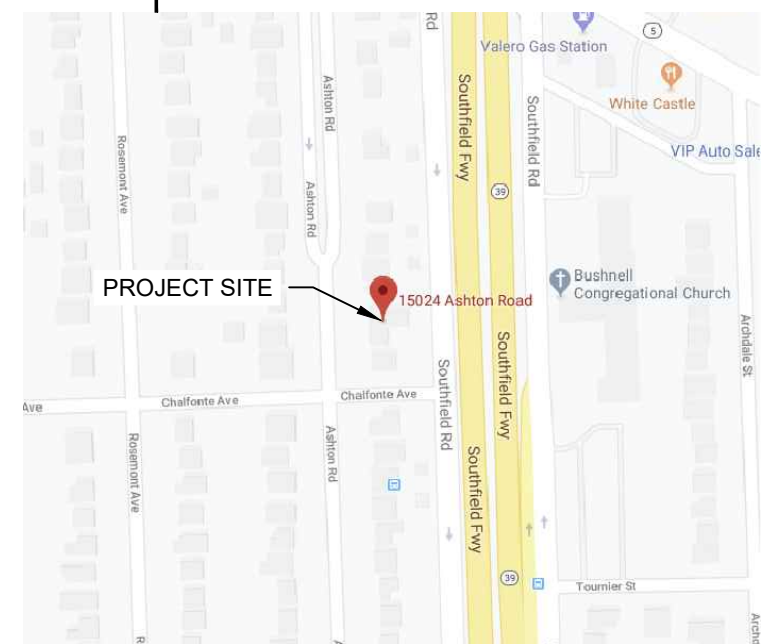
1 PLOT PLAN WITH ROOF PLAN

PV-1 SCALE: 1/16"=1'-0"



2 HOUSE PHOTO

PV-1 SCALE: NTS

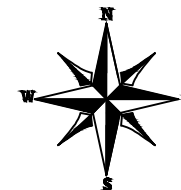


3 VICINITY MAP

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-4A BATTERY AND EQUIPMENT ELEVATION
- PV-5 WIRING CALCULATIONS
- PV-6 SOLAREEDGE OPTIMIZER CHART
- PV-7 to 12 EQUIPMENT SPECIFICATIONS



POWERHOME

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 Web: www.powerhome.com

REVISIONS		
DESCRIPTION	DATE	REV

Signature with Seal

DATE: 01/06/2020

PROJECT NAME & ADDRESS

**DWIGHT BLAKEY
 RESIDENCE**
 15024 ASHTON RD,
 DETROIT, MI 48223

DESIGNED BY
PHS

SHEET NAME
**PLOT PLAN &
 VICINITY MAP**

SHEET SIZE
**ANSI B
 11" X 17"**

SHEET NUMBER
PV-1