

PROJECT DESCRIPTION:

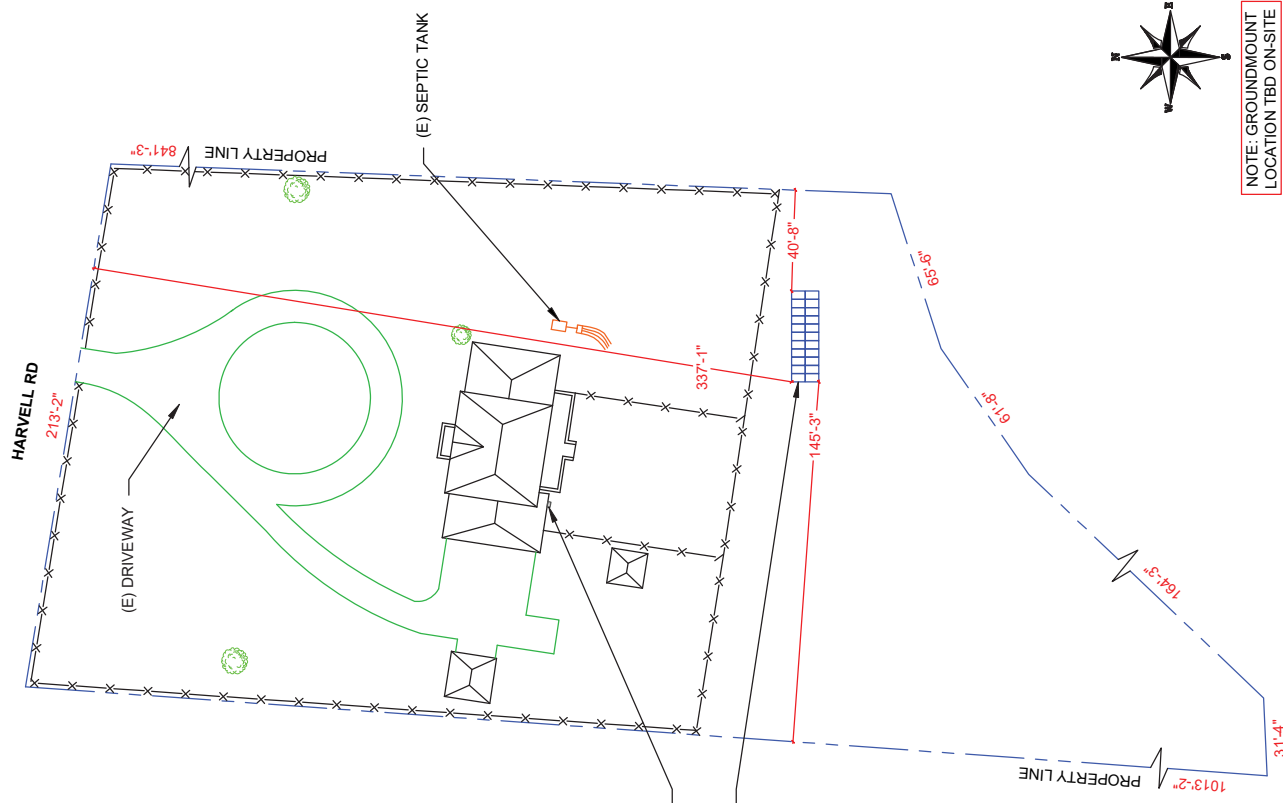
22 X HANWHA Q CELLS SOLAR Q PEAK DUO-G5 320
 320W MONO MODULES
 GROUND MOUNTED SOLAR PHOTOVOLTAIC MODULES
 SYSTEM SIZE: 7.04 kW DC STC
 ARRAY AREA #1: 399.08 SQ FT.

EQUIPMENT SUMMARY
 22 HANWHA Q CELLS SOLAR Q PEAK DUO-G5 320
 320W MONO MODULES
 03 GENERAC PV LINK S2502 POWER OPTIMIZERS
 01 GENERAC PWRCELL X7602 INVERTER

APPLICABLE CODES & STANDARDS
 BUILDING: NCBC 2018
 ELECTRICAL: NEC 2017

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

AUTHORITIES HAVING JURISDICTION
 BUILDING: HARNETT COUNTY
 ZONING: HARNETT COUNTY
 UTILITY: DUKE ENERGY

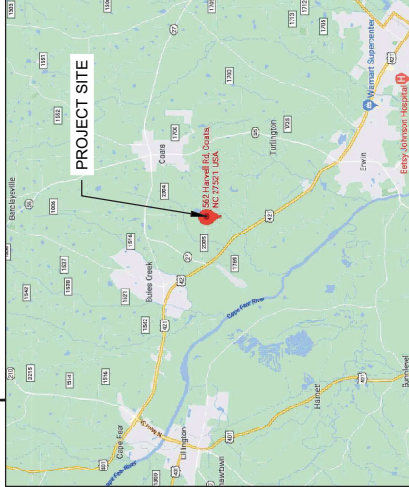


1 PLOT PLAN WITH ROOF PLAN
 PV-1
 SCALE: 1" = 50'-0"

NOTE: GROUND MOUNT LOCATION TBD ON-SITE



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 GROUNDING DETAILS
 - PV-3A GROUNDING DETAILS
 - PV-4 ELECTRICAL LINE DIAGRAM
 - PV-5 WIRING CALCULATIONS
 - PV-6 to 10 EQUIPMENT SPECIFICATIONS

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 Web: www.powerhome.com

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REVISIONS	DESCRIPTION	DATE	REV

Signature with Seal

DATE: 02/11/2021

PROJECT NAME & ADDRESS
 LORENZA CREEKMUR
 RESIDENCE
 562 HARVELL RD,
 COATS, NC 27521

SHEET NAME
 PLOT PLAN &
 VICINITY MAP

SHEET SIZE
 ANSI B
 11" X 17"

SHEET NUMBER
 PV-1