NANCY M HERRERA - 6.800kW DC, 5.000kW AC

SHEET CATALOG

INDEX NO.	DESCRIPTION
T-1	COVER PAGE
T-2	COVER PAGE 2
M-1	MOUNTING DETAIL
M-2	STRUCTURAL DETAIL
E-1	SINGLE LINE DIAGRAM
E-2	THREE LINE DIAGRAM
E-3	STRING WIRING DIAGRAM
PL-1	WARNING PLACARDS
PL-2	SAFETY PLANS
SS	SPEC SHEET(S)

SCOPE OF WORK

GENERAL SYSTEM INFORMATION:
SYSTEM SIZE:
6800W DC, 5000W AC
MODULES:
(20)TITAN SOLAR SIL-340NL
INVERTER:
(1)SOLAREDGE TECHNOLOGIES
SE5000H-US(240V)
OPTIMIZER:
(20)SOLAREDGE P340 POWER OPTIMIZER

APPLICABLE CODES

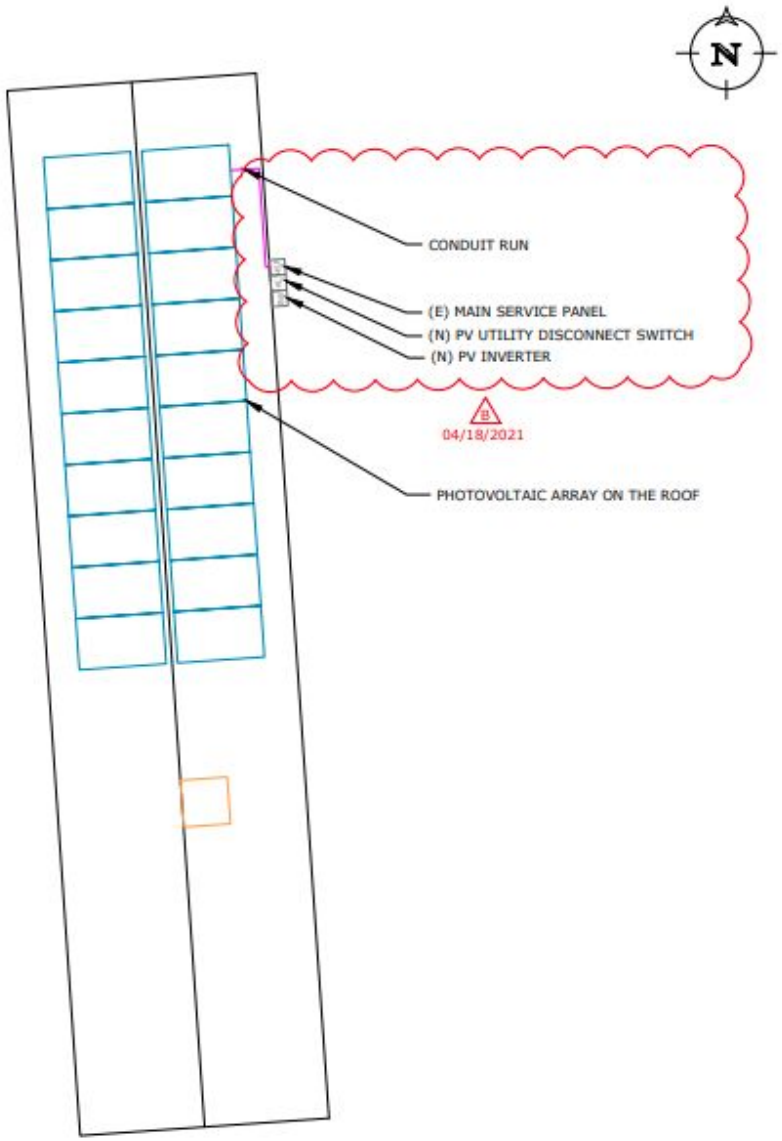
- ELECTRIC CODE:NEC 2017
- FIRE CODE:IFC 2018
- BUILDING CODE:IBC 2018
- RESIDENTIAL CODE:IRC 2018

GENERAL NOTES

1.MODULES ARE LISTED UNDER UL 1703 AND CONFORM TO THE STANDARDS.
2.INVERTERS ARE LISTED UNDER UL 1741 AND CONFORM TO THE STANDARDS.
3.DRAWINGS ARE DIAGRAMMATIC, INDICATING GENERAL ARRANGEMENT OF THE PV SYSTEM AND THE ACTUAL SITE CONDITION MIGHT VARY.
4.WORKING CLEARANCES AROUND THE NEW PV ELECTRICAL EQUIPMENT WILL BE MAINTAINED IN ACCORDANCE WITH NEC 110.26.
5.ALL GROUND WIRING CONNECTED TO THE MAIN SERVICE GROUNDING IN MAIN SERVICE PANEL/ SERVICE EQUIPMENT.
6.ALL CONDUCTORS SHALL BE 600V, 75°C STANDARD COPPER UNLESS OTHERWISE NOTED.
7.WHEN REQUIRED, A LADDER SHALL BE IN PLACE FOR INSPECTION IN COMPLIANCE WITH OSHA REGULATIONS.
8.THE SYSTEM WILL NOT BE INTERCONNECTED BY THE CONTRACTOR UNTIL APPROVAL FROM THE LOCAL JURISDICTION AND/OR THE UTILITY.
9.ROOF ACCESS POINT SHALL BE LOCATED IN AREAS THAT DO NOT REQUIRE THE PLACEMENT OF GROUND LADDERS OVER OPENINGS SUCH AS WINDOWS OR DOORS, AND LOCATED AT STRONG POINTS OF BUILDING CONSTRUCTION WHERE THE ACCESS POINT DOES NOT CONFLICT WITH OVERHEAD OBSTRUCTIONS SUCH AS TREES, WIRES OR SIGNS.
10.PV ARRAY COMBINER/JUNCTION BOX

SITE PLAN LAYOUT

NOTE: NO GATE OR FENCE



SCALE:1/8" = 1'-0"

VICINITY MAP

TITAN SOLAR POWER

ADDRESS: 525W, BASELINE RD MESA AZ,85210

CUSTOMER INFORMATION

NAME:NANCY M HERRERA

ADDRESS:576 WORD CHURCH LN, LILLINGTON,NC 27546

35.310730, -78.997987
APN: 030-507-021-523

AHJ:NC- COUNTY HARNETT

UTILITY:CENTRAL EMC

PRN NUMBER: TPS-016754

ILLUMINE i
Because quality matters

COVER PAGE

DESIGNER /CHECKED BY: VK/SN	PAPER SIZE:17"X11"
SCALE:AS NOTED	REV:B