

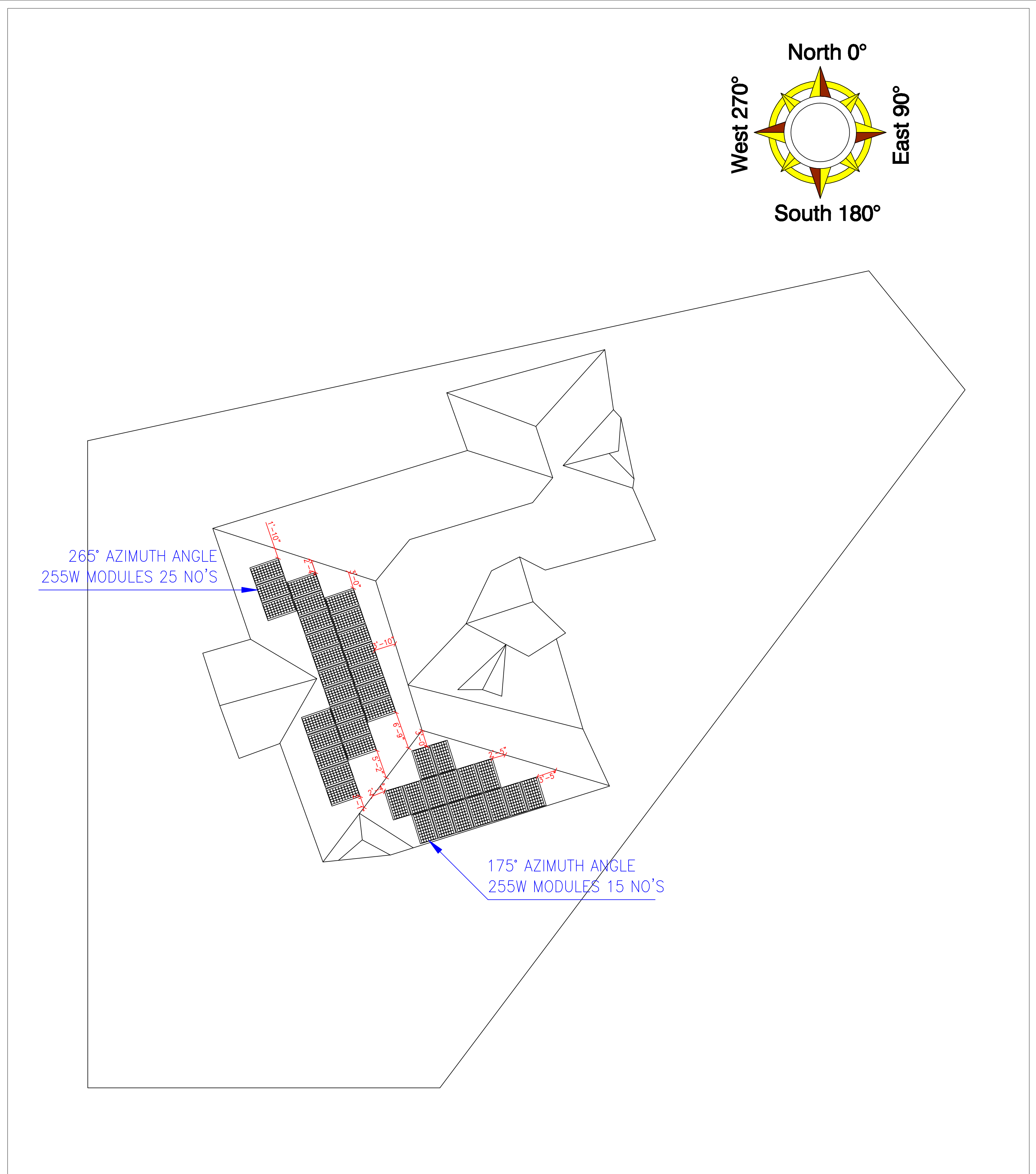
SEC. 5. MARKINGS, LABELS, AND WARNING SIGNS.

- A. Purpose : Provides emergency responders with appropriate warning and guidance with respect to isolating the solar electrical system. this can facilitate identifying energized electrical lines that connect the solar panels to the inverter, as these should not be cut when venting for smoke removal.
- B. Main Service Disconnect :
 - 1. Residential Buildings – the marking may be placed within the main service disconnect. The marking shall be placed on the outside cover if the main service disconnect is operable with the service panel closed.
 - 2) Commercial Buildings – the marking shall be placed adjacent to the main service disconnect clearly visible from the location where the lever is operated.
 - 3) Markings : Verbiage, Format, and Type of Material.
 - a. Verbiage : CAUTION : SOLAR ELECTRIC SYSTEM CONNECTED.
 - b. Format :
 - (1) While lettering on a red background.
 - (2) Minimum 3/8 Inches letter height.
 - (3) All Letters shall be capitalized.
 - (4) Arial or similar font, non–bold.
 - c. Material :
 - (1) Reflective, weather resistant material suitable for the environment (Use UL–696 as standard for weather rating). Durable adhesive materials meet this requirement.
- C. Marking Requirements on DC Conduit, Raceways, Enclosures, Cable Assemblies, DC Combiners and Junction Boxes.
 - 1. Markings : Placement, Verbiage, Formate, and Type of Material.
 - a. Placement : Markings shall be placed every 10 feet on all interior and exterior DC conduits, raceways, enclosures, and cable assemblies, at turns, above and/or below penetrations. all DC combiners, and junction boxes.
 - b. Veriage : CAUTION : SOLAR CIRCUIT

Note: The Formate and type of Material shall adhere to "V.B–3b,c" of this requirement.
- D. Inverters – Are Not Required to Have caution Markings.



PHOTO OF SITE



ELECTRICAL ROOF PLAN

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

LEGEND	
(N)	NEW DEVICE
(E)	EXISTING DEVICE
	SOLAR MODULE 5'-4" X 3'-3"
	GROUND DIRECTLY WITH UL GROUND LUG

DESIGNER:

PHOTOVOLTAIC INSTALLATION

REVISIONS		
NO.	REVISIONS	DATE
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-

SHEET INFO	
JOB NO.	15-0005
SCALE	AS SHOWN
DATE	03/25/2015
DRAWN BY	LC/LC
CHK'D BY	LC
SHEET NUMBER	E1
2 OF 5 SHEETS	

ROOF PLAN
FILE NAME: \\SOLAR PROJECT