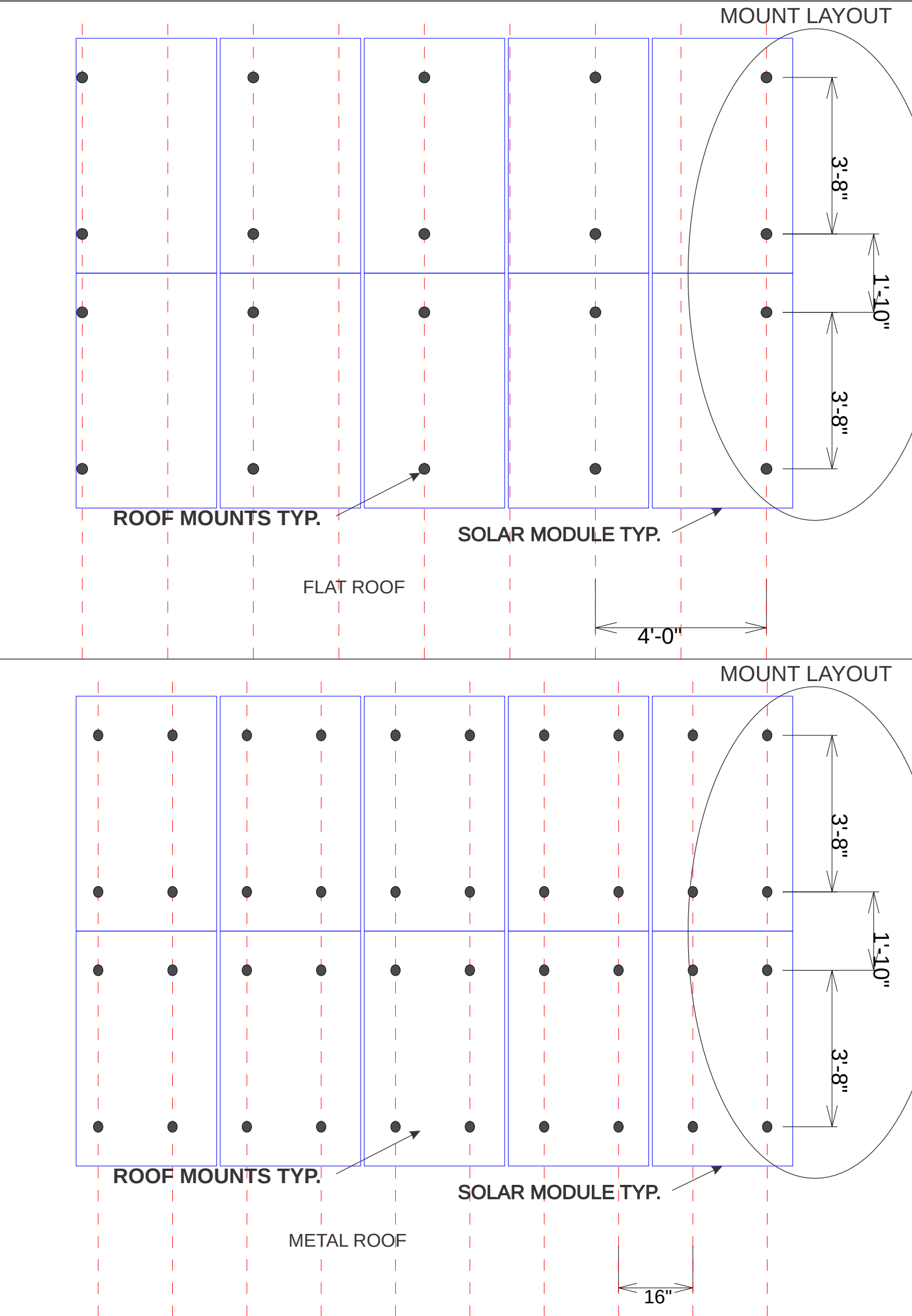




SOLART 310W	64.9"	Maximum Design Load: (5697Pa) 119 psf Allowable Design Load: (3800Pa) 79.4 psf
39.0"	NOTE: Install mid clamps between modules and end clamps at the end of each row of modules.	
<u>SOLAR MODULE</u>		
NOTE: ALUMINUM RAILS SHOULD ALWAYS BE SUPPORTED BY MORE THAN ONE FOOTING ON BOTH SIDES OF THE SPLICE."		

ROOF AREA
EXISTING FLAT & METAL ROOF
TOTAL ROOF AREA: 3,574 sq.-ft
TOTAL PHOTOVOLTAIC AREA: 774 sq.-ft
PERIMETER WIDTH: 5.6'
PRESSURE ZONE: 1 & 2
MEAN ROOF HEIGHT: 14'
ROOF SLOPE: 0.125:12 & 3:12
TOTAL MODULES: 59
TOTAL ROOF MOUNTS: 118
TOTAL POINT OF CONNECTIONS PER MODULE: 4
ALUMINUM RAILS: 2

REVISIONS:

Project: SONNIA & FERNANDO MONDRAGON

1526 71st St,
Miami Beach, FL 33141

SYSTEM LAYOUT

2001 W Sample Road, Suite 320
Deerfield Beach, Florida 33064
(918) 929-7125
Lic: #CVC057052 & #CGC058270

SEAL: RYAN D. GOOLABINSINGH
LICENSE
No. 82345
04/07/2021
STATE OF FLORIDA
PROFESSIONAL ENGINEER

RDG ENGINEERING, INC.
FLORIDA C.E. NO. 32850
RYAN GOOLABINSINGH - FLORIDA P.E. NO. 82345
951 BRICKELL AVENUE, #3605
MIAMI, FLORIDA 33131
TEL 786-423-2285
I CERTIFY THAT THIS PV SYSTEM
FULLY COMPLIES WITH THE
REQUIREMENTS OF NEC 690.

DATE: 4/6/2021

SCALE: NTS

DRAWN BY: J.B.

PAGE:
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