

The current proposal is:

Preservation Department – Item 4, LPC-21-06265

**114-14 179th Street – Addisleigh Park Historic District
Borough of Queens**

To Testify Please Join Zoom

Webinar ID: 880 9920 7345

Passcode: 594556

By Phone: 1 646-558-8656 US (New York)

877-853-5257 (Toll free) US

888 475 4499 (Toll free)

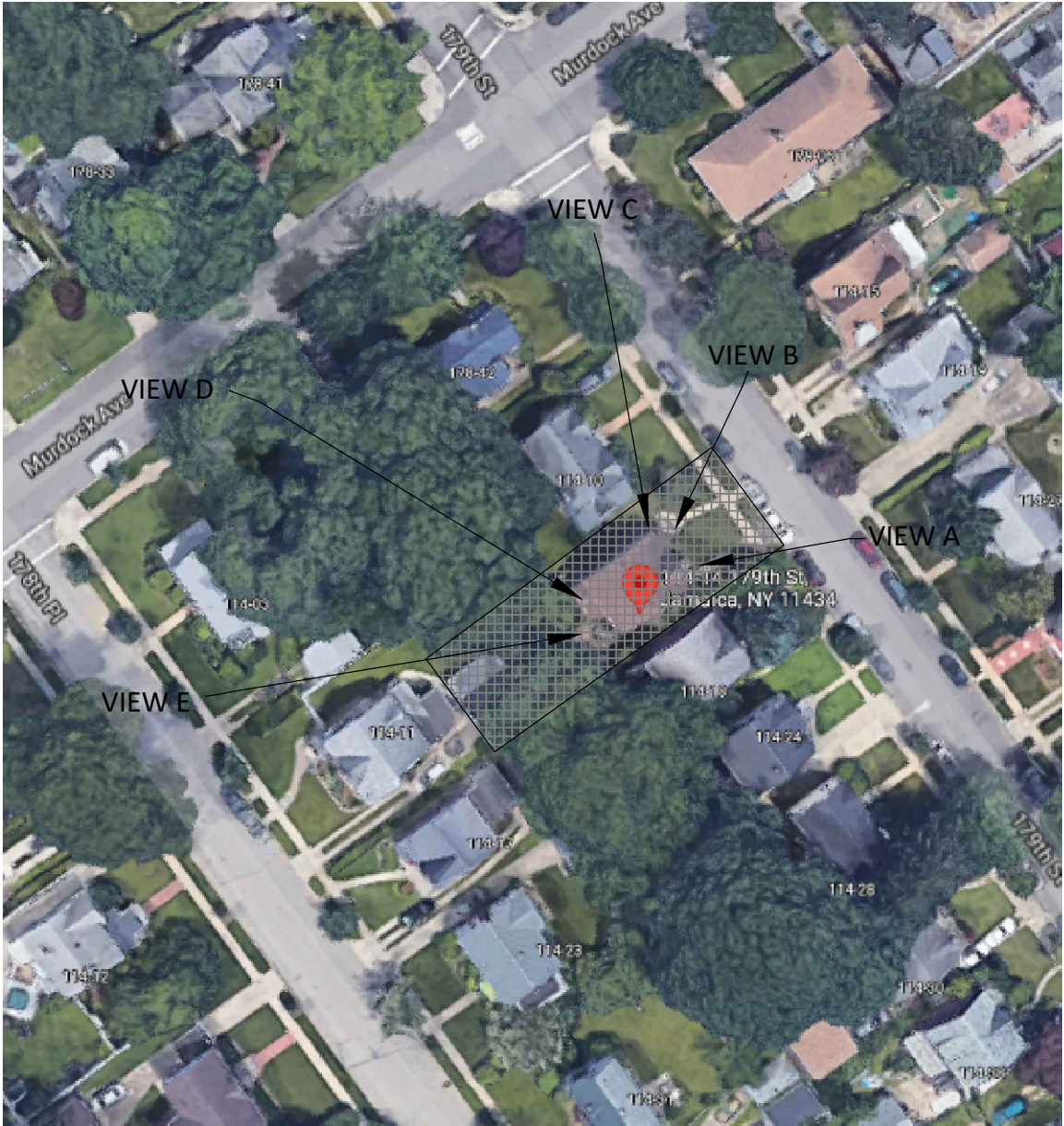
Note: If you want to testify on an item, join the Zoom webinar at the agenda's "Be Here by" time (about an hour in advance). When the Chair indicates it's time to testify, "raise your hand" via the Zoom app if you want to speak (*9 on the phone). Those who signed up in advance will be called first.

PRESENTATION TO THE NYC LANDMARK
PRESEVERATION COMMISSION
114-14 179 STREET, QUEENS, NY 11434

DESIGNER:



SIGN AND SEAL:



REVISION:

NO.	DESCRIPTION	DATE

NOTES:

THESE PLANS ARE APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED EITHER APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.
NO CHANGE IN USE, EGRESS OR OCCUPANCY.

PROJECT:

114-14 179 STREET,
QUEENS, NEW YORK 11434

TITLE:

DRAWING LIST, LOT DIAGRAM,
SCOPE OF WORK, BUILDING AND
PROJECT INFORMATION

DATE: 12/11/2020
PROJECT NUMBER: S20-1249
DRAWN BY: FR, CS, CG
BLOCK: 10310
LOT: 14
ZONING: R2
MAP: 15B
DRAWING NO:

Z-100.00

SCALE:

PAGE:

1 OF 12

MAKEDA WADKINS RESIDENCE

114-14 179 STREET, QUEENS, NY 11434

(16) Q.PEAK DUO BLK-G10+ (360W) MODULES

SOLAR PV SYSTEM SIZE: 5.760 KW (ROOF MOUNT)

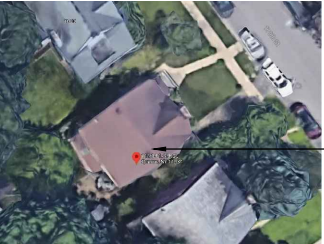
BLOCK : 10319 LOT: 14
ZONE: R2 MAP: 15B

ADDITIONAL DESIGNATION(S) : MS4 - MS4 AREA
NO CHANGE TO USE, EGRESS OR OCCUPANCY.

EXISTING 2-STORY 1-FAMILY DWELLING
OCCUPANCY CLASSIFICATION: RES - RESID. BLDG - OLD CODE
CONSTRUCTION CLASSIFICATION: 4: WOOD FRAME STRUCTURES
BUILDING HEIGHT: 32'-6"
CROSS STREET(S): MURDOCK AVENUE, 114 ROAD

SCOPE OF WORK IS SOLELY FOR THE INSTALLATION OF THE SOLAR ELECTRONIC
GENERATING SYSTEM. ALL OTHER WORK IS NOT TO BE RELIED UPON AS BEING
APPROVED AND/OR PERMITTED BY THE NYC DEPARTMENT OF BUILDINGS.

NO CHANGE TO USE, EGRESS OR OCCUPANCY.



114-14 179 STREET

SITE PLAN

NOTE:
- NO UTILITY LINES OR OTHER
POTENTIAL HAZARDS ON THE
BUILDING AND/OR SITE.
- EXISTING LOCATION OF
ELECTRIC METER AND PANEL
IS INSIDE BASEMENT

MURDOCK AVENUE

ADJACENT
BUILDING

PROPOSED 16 SOLAR
PV LOCATIONS, WITH
MICRO-INVERTERS
5.760 KW. SYSTEM

PROPOSED LOCATION OF
BOS & AC CUT OFF SWITCH

EXISTING 2-STY. FRAME

179 STREET



DIGITAL TAX MAP

BUILDING INFORMATION

SCOPE OF WORK

LOT DIAGRAM

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

DESIGNER:



SIGN AND SEAL:

REVISION:

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Z-101.00

SCALE: PAGE: 2 OF 12

Addisleigh Park Historic District



Graphic Source: MapFLUTO, Edition 09v1, 2009, Date: February 1, 2011, Author: Landmarks Preservation Commission, JLM.

Addisleigh Park
Historic District
Borough of Queens, NY
Landmarks Preservation Commission

Calendared: February 9, 2010
Public Hearing: March 23, 2010
Designated: February 1, 2011

Boundary of Historic District
Tax Map Lots in Historic District



NYC
Landmarks Preservation
Commission

114-14 179 STREET, QUEENS,
NEW YORK 11434

DESIGNER:



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DRAWING LIST, LOT DIAGRAM,
SCOPE OF WORK, BUILDING AND
PROJECT INFORMATION

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DRAWN BY: FR, CS, CG

BLOCK: 10310

LOT: 14

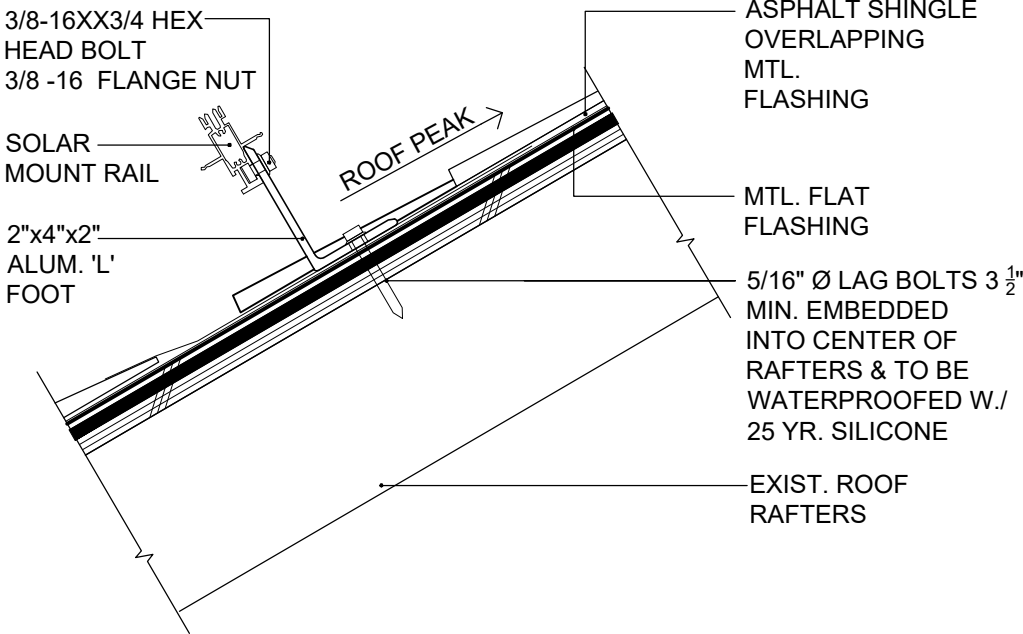
ZONING: R2

MAP: 15B

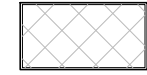
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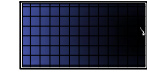
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SCALE: PAGE: 3 OF 12



1 LAG WATERPROOFING DETAIL
SCALE : 3" = 1'-0"

- 

3'-0" WIDE CLEAR
ACCESS PATHWAY AS
PER FDNY FC512.3
- 

(16) Q.PEAK DUO BLK-G10+ (360W)
67.59" X 41.14" PHOTOVOLTAIC
SOLAR PANELS (SEE PANEL
SPEC. FOR MORE DETAILS)

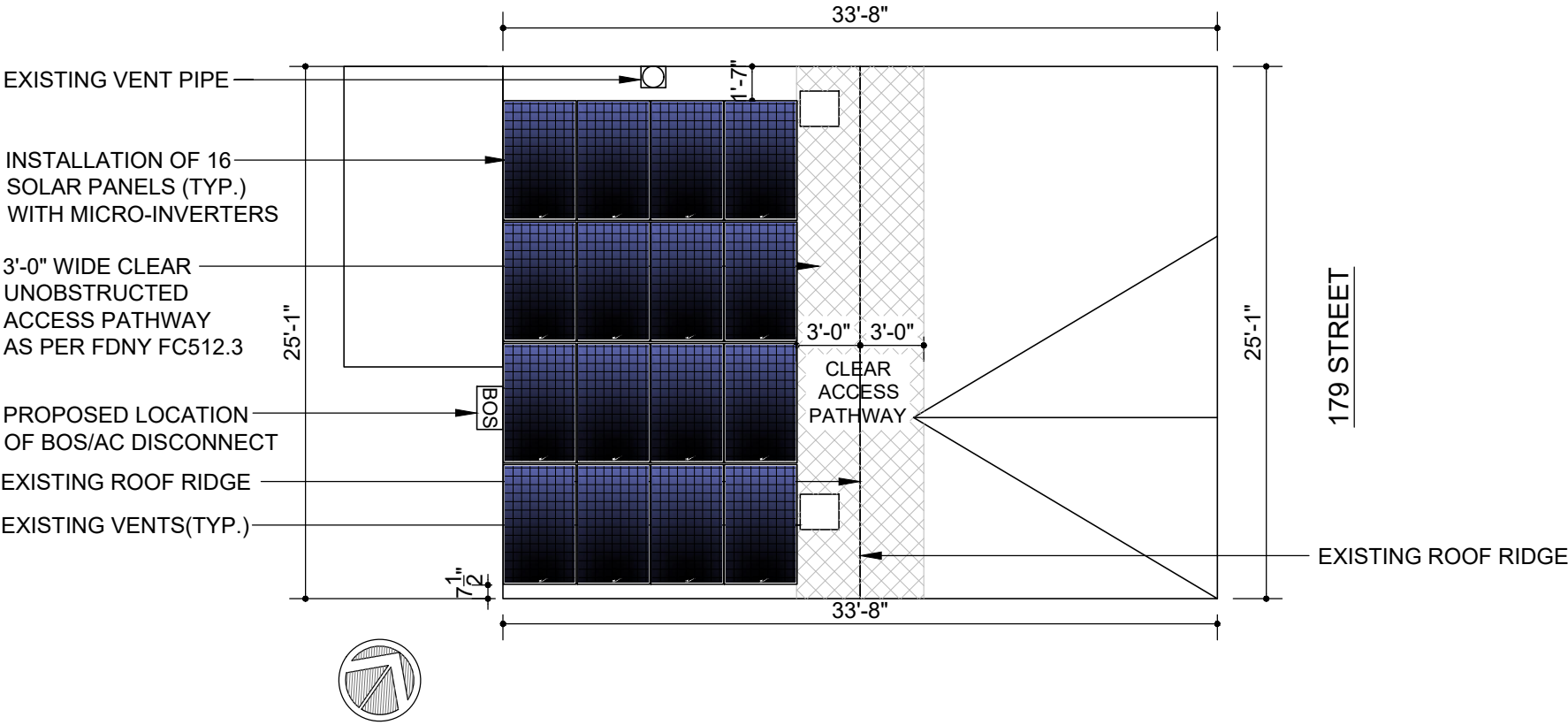
2 LEGEND

ROOF PITCH:
38 DEGREES

16 PANELS
297 SF

NOTE:
- MOUNTING RAIL SPACING
MAY VARY FROM 20"-48" O.C.
CONTRACTOR TO VERIFY
PANEL MANUFACTURER'S
SPECIFICATIONS AND
INSTALLATION REQUIREMENTS.
FOOT SPACING SHALL BE MAX.
4'-0" O.C ALONG RAIL.

NOTE:
- NO ADDITIONAL STRUCTURAL WORK REQUIRED
@ ROOF FOR INSTALLATION OF SOLAR PANELS.
- MICRO-INVERTERS ARE LOCATED ON THE
ROOF BELOW THE SOLAR PANELS.
- AC DISCONNECT SWITCH MUST BE 'READILY
ACCESSIBLE. TOP OF LEVER NO HIGHER THAN
2.0 M / 6'-7" ABOVE THE FLOOR OR PLATFORM.
THIS FLOOR SURFACE MUST BE ACCESSIBLE
WITHOUT THE USE OF LADDERS.
- EXISTING LOCATION OF MAIN SERVICE PANEL
IS INSIDE (BASEMENT).



3 ROOF PLAN
SCALE : 1/8" = 1'-0"

DESIGNER:



S&R SOLAR DESIGN • CONSULTATION • PERMITTING
124-15 METROPOLITAN AVENUE
QUEENS, NY 11415
PHONE: (646) 626-6299
INFO@SRSOLARDESIGN.COM

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NOTES:
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PROJECT:
**114-14 179 STREET,
QUEENS, NEW YORK 11434**

TITLE:
**ROOF PLAN, LEGEND &
LAG WATERPROOFING DETAIL**

DATE:	12/11/2020
PROJECT NUMBER:	S20-1249
DRAWN BY:	FR, CS, CG
BLOCK:	10310
LOT:	14
ZONING:	R2
MAP:	15B
DRAWING NO:	

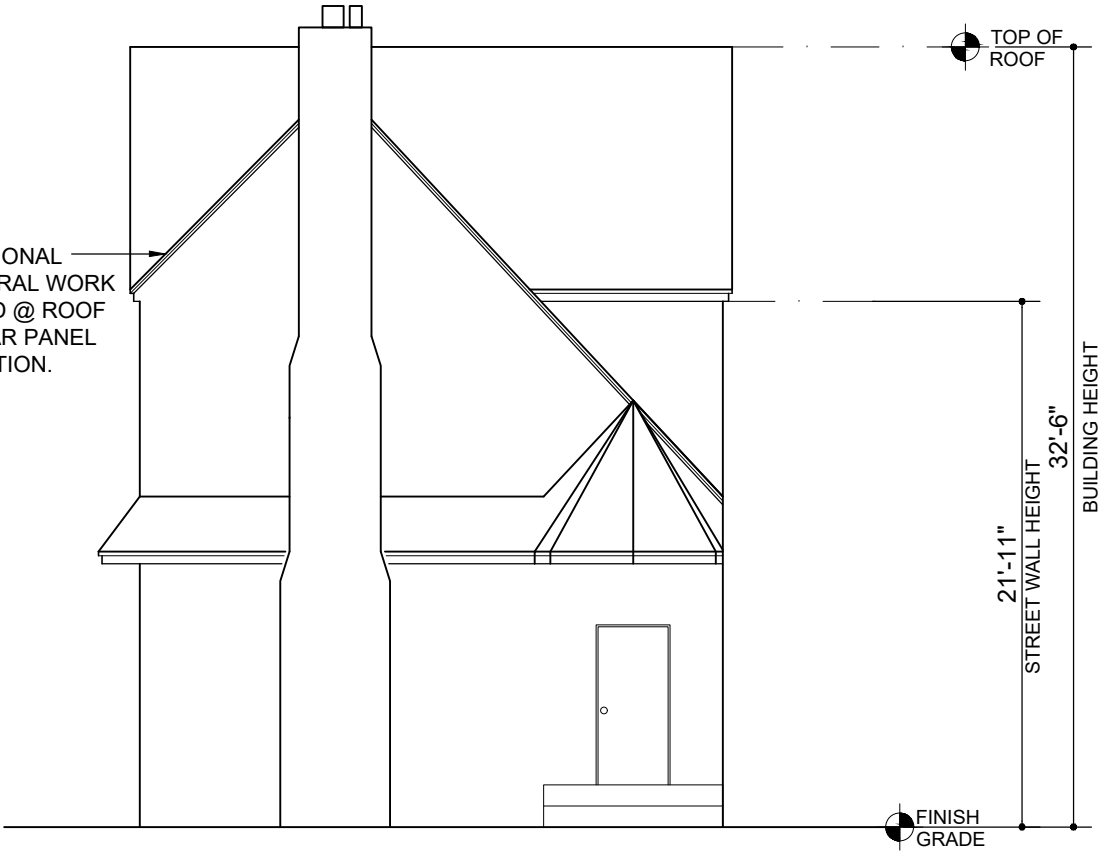
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SCALE:	PAGE:
	4 OF 12

NOTE:
-AC DISCONNECT SWITCH MUST BE 'READILY ACCESSIBLE. TOP OF LEVER NO HIGHER THAN 2.0 M / 6'-7" ABOVE THE FLOOR OR PLATFORM. THIS FLOOR SURFACE MUST BE ACCESSIBLE WITHOUT THE USE OF LADDERS.

NOTE:
SOLAR PANEL INSTALLATION COMPLIES WITH NYC ZONING RESOLUTION 23-62 & 23-62(m)

NO ADDITIONAL STRUCTURAL WORK REQUIRED @ ROOF FOR SOLAR PANEL INSTALLATION.



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

NOTE:
-AC DISCONNECT SWITCH MUST BE 'READILY ACCESSIBLE. TOP OF LEVER NO HIGHER THAN 2.0 M / 6'-7" ABOVE THE FLOOR OR PLATFORM. THIS FLOOR SURFACE MUST BE ACCESSIBLE WITHOUT THE USE OF LADDERS.

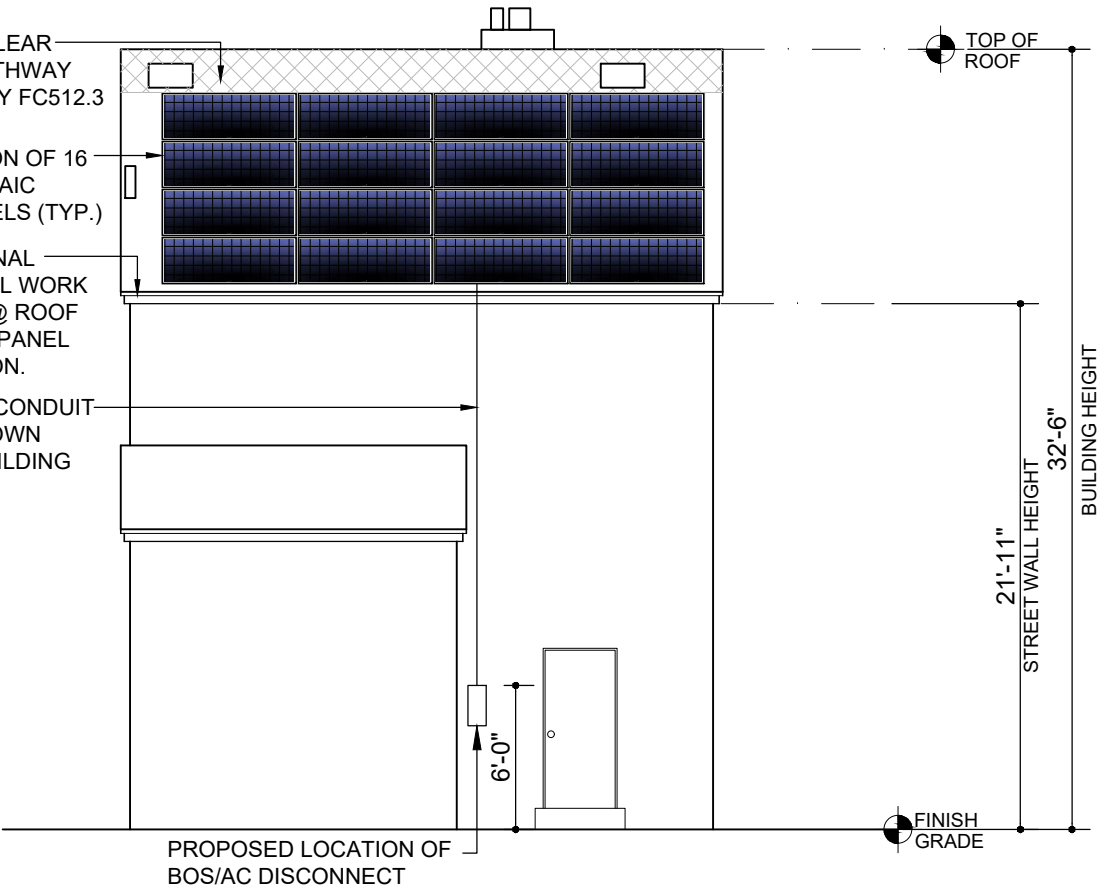
NOTE:
SOLAR PANEL INSTALLATION COMPLIES WITH NYC ZONING RESOLUTION 23-62 & 23-62(m)

3'-0" WIDE CLEAR ACCESS PATHWAY AS PER FDNY FC512.3

INSTALLATION OF 16 PHOTOVOLTAIC SOLAR PANELS (TYP.)

NO ADDITIONAL STRUCTURAL WORK REQUIRED @ ROOF FOR SOLAR PANEL INSTALLATION.

PROPOSED CONDUIT RUNNING DOWN REAR OF BUILDING



2 REAR ELEVATION
SCALE :1/8"=1'-0"

DESIGNER:



SIGN AND SEAL:



REVISION:

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PROJECT:

114-14 179 STREET,
QUEENS, NEW YORK 11434

TITLE:

FRONT AND REAR ELEVATION

DATE: 12/11/2020

PROJECT NUMBER: S20-1249

DRAWN BY: FR, CS, CG

BLOCK: 10310

LOT: 14

ZONING: R2

MAP: 15B

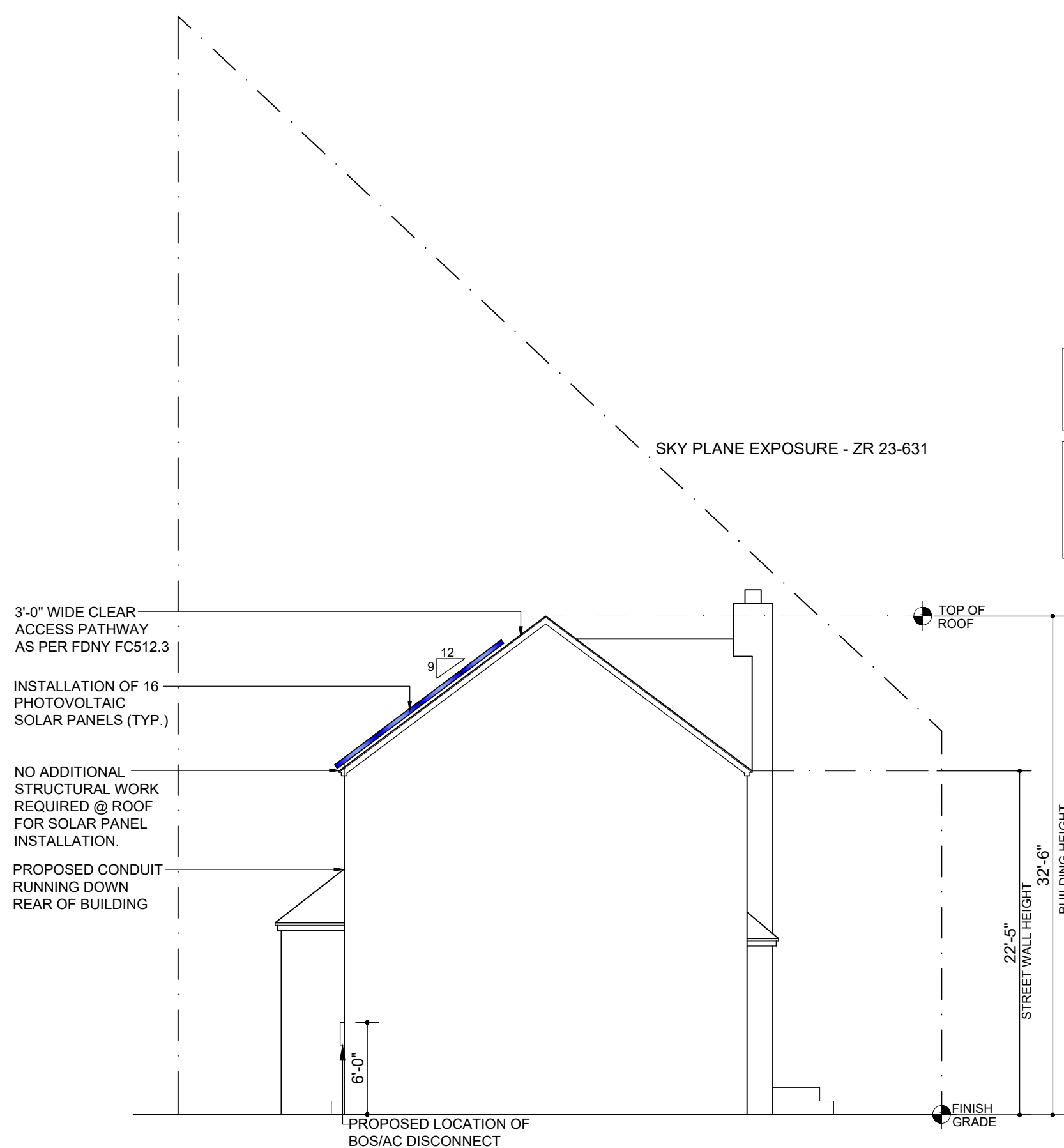
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A-200.00

SCALE:

PAGE:

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NOTE:
SOLAR PANEL INSTALLATION
COMPLIES WITH NYC ZONING
RESOLUTION 23-62 & 23-62(m)

NOTE:
-AC DISCONNECT SWITCH MUST BE 'READILY
ACCESSIBLE. TOP OF LEVER NO HIGHER
THAN 2.0 M / 6'-7" ABOVE THE FLOOR OR
PLATFORM. THIS FLOOR SURFACE MUST BE
ACCESSIBLE WITHOUT THE USE OF LADDERS.

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

DESIGNER:



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124-15 METROPOLITAN AVENUE
QUEENS, NY 11415
PHONE: (646) 626-6299
INFO@SRSOLARDESIGN.COM

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PROJECT:

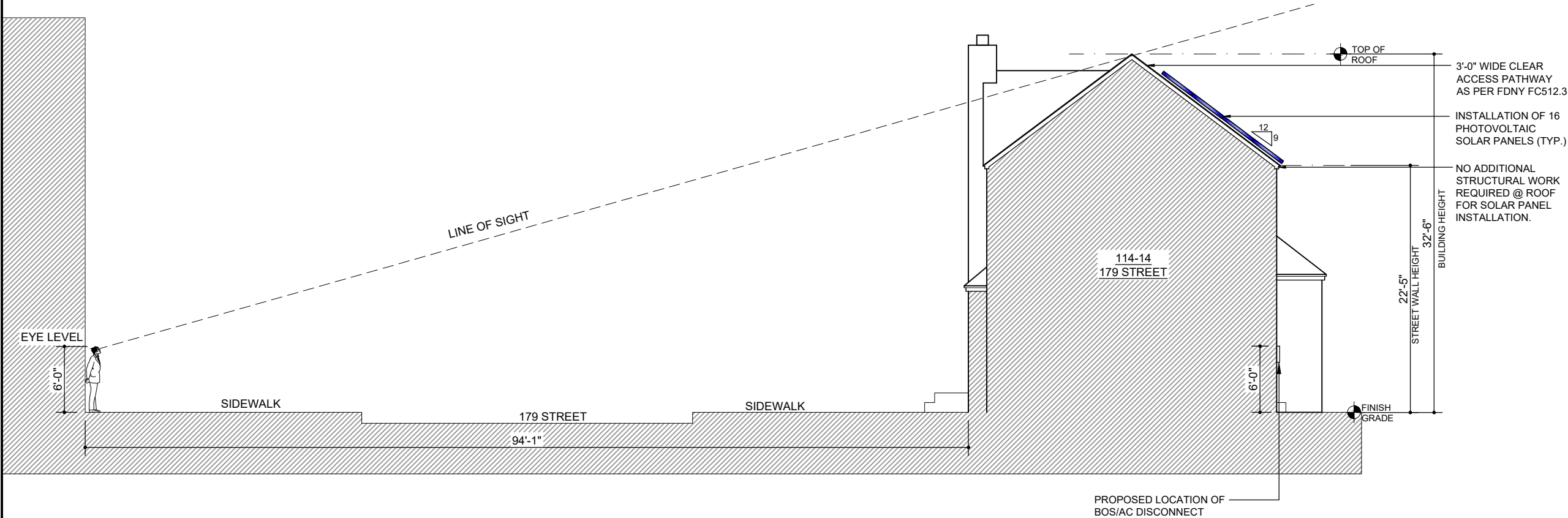
114-14 179 STREET,
QUEENS, NEW YORK 11434

TITLE:

SIDE ELEVATION

DATE: 12/11/2020
PROJECT NUMBER: S20-1249
DRAWN BY: FR, CS, CG
BLOCK: 10310
LOT: 14
ZONING: R2
MAP: 15B
DRAWING NO:

A-201.00



1 SECTION ELEVATION VIEW FROM 175 PLACE
SCALE : 3/32" = 1'-0"

DESIGNER:



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PROJECT:

114-14 179 STREET,
QUEENS, NEW YORK 11434

TITLE:

SECTION ELEVATION VIEW

DATE: 12/11/2020
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ZONING: R2
MAP: 15B
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A-202.00

SCALE: AS NOTED PAGE: 7 OF 12

Array Skirt



Sleek Look. Attractive Design.
Easily Mounted.

- 

Skirt mounts attach to any standard module using single bolt with 1/2" socket
- 

Splice provides snap-in attachment of skirt sections together
- 

Skirt easily snaps onto mount providing a clean finished look
- 

Can be installed at any time allowing easy retrofit of existing systems

Start Installing the Array Skirt Today

RESOURCES

DESIGN

WHERE TO BUY

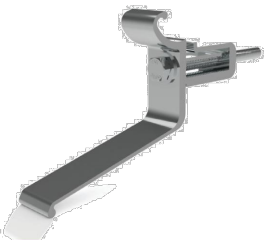
snapnrack.com/resources
snapnrack.com/configurator
snapnrack.com/where-to-buy

The SnapNrack Array Skirt

is an enhanced aesthetic option with a sleek black finish providing a flush clean line homeowners love. When installed the Array Skirt provides a clean finish to the front of arrays covering any screws, bolts, wires, or mounting hardware. It mounts directly to standard module frames allowing it to attach to almost any array.

Skirt Mounts

- Hook onto the inside of module frame
- Secured in place with 1/2" fastener from front of module preventing any need for reaching under array



Skirt

- Snaps into place on the mount easily with no tools required
- Smooth curved profile provides an elegant finished look

Splice

- Attaching separate sections of skirt is easy with the snap-in splice
- Provides a seamless transition between skirt sections



End Caps

- Cover end sections of skirt so no cuts are visible
- Easily snap end caps onto the ends of any skirt section

Quality. Innovative. Superior.

SnapNrack Solar Mounting Solutions are engineered to optimize material use and labor resources and improve overall installation quality and safety.

877-732-2860 www.snapnrack.com contact@snapnrack.com

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PROJECT:

114-14 179 STREET,
QUEENS, NEW YORK 11434

TITLE:

MODULE SPECIFICATIONS, AND
STRUCTURAL & WIND LOAD
CALCULATIONS

DATE: 12/11/2020
PROJECT NUMBER: S20-1249
DRAWN BY: FR, CS, CG
BLOCK: 10310
LOT: 14
ZONING: R2
MAP: 15B
DRAWING NO:

A-301.00

SCALE: PAGE: 9 OF 12



VIEW A



VIEW B



DESIGNER:



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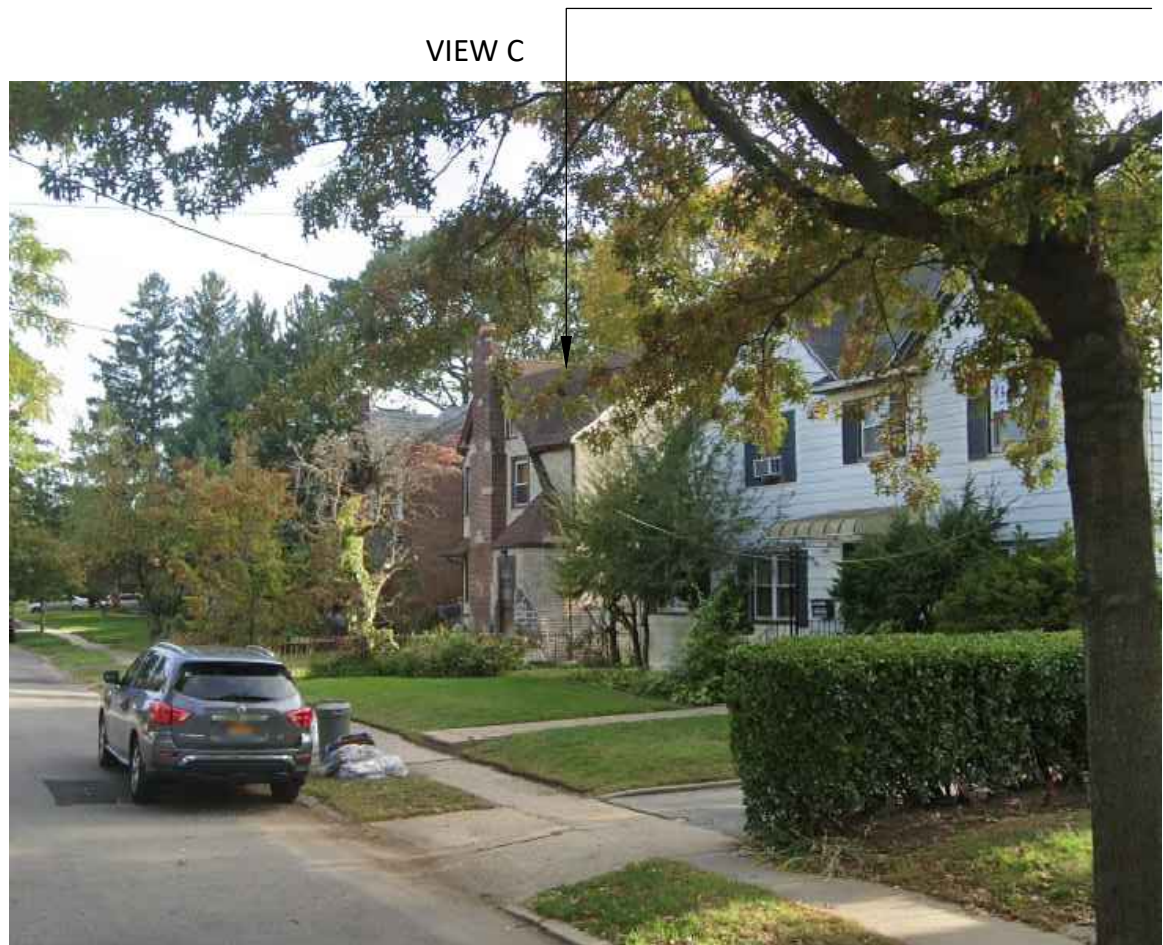
TITLE:

PHOTOMONTAGE OF THE
PROPOSED SOLAR ARRAY

DATE: **12/11/2020**
PROJECT NUMBER: **S20-1249**
DRAWN BY: **FR, CS, CG**
BLOCK: **10310**
LOT: **14**
ZONING: **R2**
MAP: **15B**
DRAWING NO:

A-302.00

SCALE: PAGE: 10 OF 12



VIEW C

VIEW OF PROPERTY FROM
MURDOCK AVENUE



VIEW D

VIEW E



CONDUIT AT THE
REAR OF HOUSE
(PAINTED GRAY)

VIEW OF PROPERTY FROM
179 PLACE

1 A MOCK-UP OF THE PROPOSED SOLAR ARRAY

DESIGNER:



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DRAWING NO:	

A-302.00

SCALE:	PAGE:
	9 OF 11

Aurora Shade Report

Customer

MAKEDA WADKINS

Designer

Sol Sahiholamal

Organization

S&R Solar Design Corp.

Address

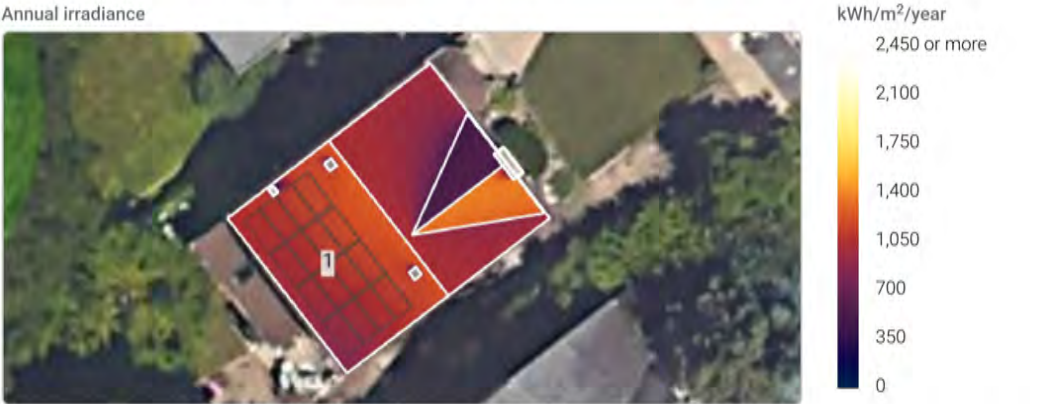
114-14 179th St
Jamaica, NY 11434, USA

Coordinates

(40.695113, -73.770937)

Date

21 January 2021

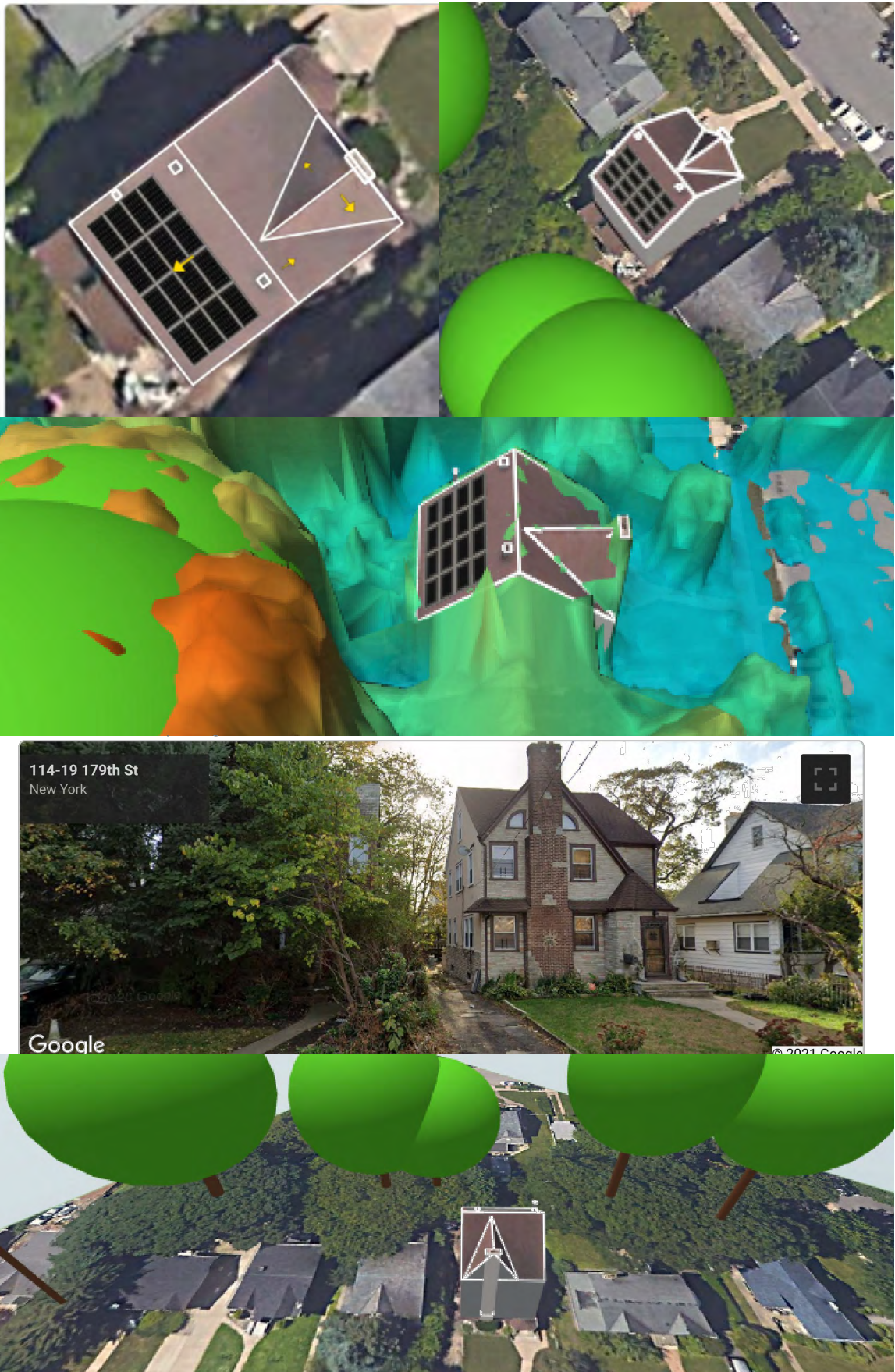


Summary

Array	Panel Count	Azimuth (deg.)	Pitch (deg.)	Annual TOF (%)	Annual Solar Access (%)	Annual TSRF (%)
1	16	232	38	91	71	65
Weighted average by panel count					70.9	64.5

Monthly solar access (%) across arrays

Array	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	33	50	83	83	77	77	78	83	86	67	40	23



DESIGNER:



S&R SOLAR DESIGN & CONSULTATION & PERMITTING
124-15 METROPOLITAN AVENUE
QUEENS, NY 11415
PHONE: (646) 626-6299
INFO@SRSolarDESIGN.COM

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PROJECT:

114-14 179 STREET,
QUEENS, NEW YORK 11434

TITLE:

SHADING REPORT

DATE: 12/11/2020

PROJECT NUMBER: S20-1249

DRAWN BY: FR, CS, CG

BLOCK: 10310

LOT: 14

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DRAWING NO: A-304.00

SCALE:

PAGE: 12 OF 12

The current proposal is:

Preservation Department – Item 4, LPC-21-06265

**114-14 179th Street – Addisleigh Park Historic District
Borough of Queens**

To Testify Please Join Zoom

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