

STATEMENTS:

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

REFER TO SHEET A-002 FOR: PROFESSIONAL STATEMENT, INSPECTIONS, AND CODE LISTING. THERE IS NO POTENTIAL FALLING HAZARD ON ANY PART OF THE SOLAR ELECTRIC GENERATING SYSTEM

THERE IS NO TREE, UTILITY LINE OR ANY OTHER POTENTIAL HAZARD THAT COULD COME INTO CONTACT WITH ANY PART OF THE SOLAR ELECTRIC GENERATING SYSTEM.

ROOF MOUNTED PHOTOVOLTAIC SYSTEM

MODULE	Hanwha QCells America Inc. (19) Q.Peak Duo BLK ML-G10+ 405 MODULES
INVERTER	Enphase (19) Enphase IQ8MC
SYSTEM RATING	7.695 kW DC-STC

DRAWING LIST

A-001.00	COVER PAGE
A-002.00	CODE LISTING
A-003.00	LAYOUT PLAN
A-004.00	ELEVATIONS
A-005.00	PV LABELS
A-006.00	DATA SHEET
S-001.00	STRUCTURAL
S-002.00	STRUCTURAL

BUILDING/ZONING

BIN NUMBER	3346914
BLOCK / LOT	BL# 1098 LOT# 65
OCCUPANCY	R-3: RESIDENTIAL 1&2 FAMILY HOUSES
CONST. CLASS	3: NON-FIREPROOF STRUCTURES
ZONING DIST.	R6B RESIDENTIAL
BUILDING HEIGHT	36 FEET 0 INCHES
STORIES	3

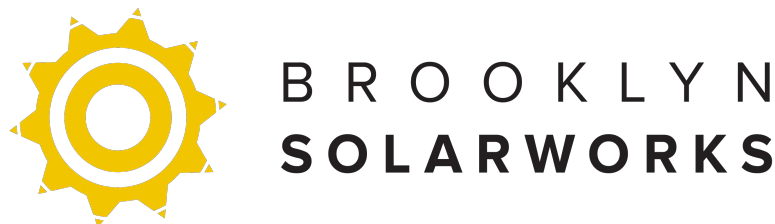
LANDMARKS PRESERVATION COMMISSION
ELECTRONIC APPROVAL - 11/06/2023 - RW

AFFIX BIS STICKER

D.O.B. STAMP

ROOF MOUNTED PHOTOVOLTAIC SYSTEM
TILT-UP RACK

Client:
Beth Berkowitz
411 13 STREET
Brooklyn , NY 11215
System Rating
DC: 7.695kW
AC: 5.89kW



200 6th St, Suite 3G, Brooklyn, NY, 11215
(347) 474 7144
www.brooklyn solarworks.com

DRWN YLM
CHKD MC
SCALE AS NOTED
DATE 10 2, 2023

ISSUE
DATE DESCRIPTION
10 2, 2023 ORIGINAL

ENGINEER OF RECORD:
Naresh Mahangu
PROFESSIONAL ENGINEER
124-15 Metropolitan Avenue
New York NY
11415
P:(929) 575-7500
F:(929) 575-7500

SEAL & SIGNATURE

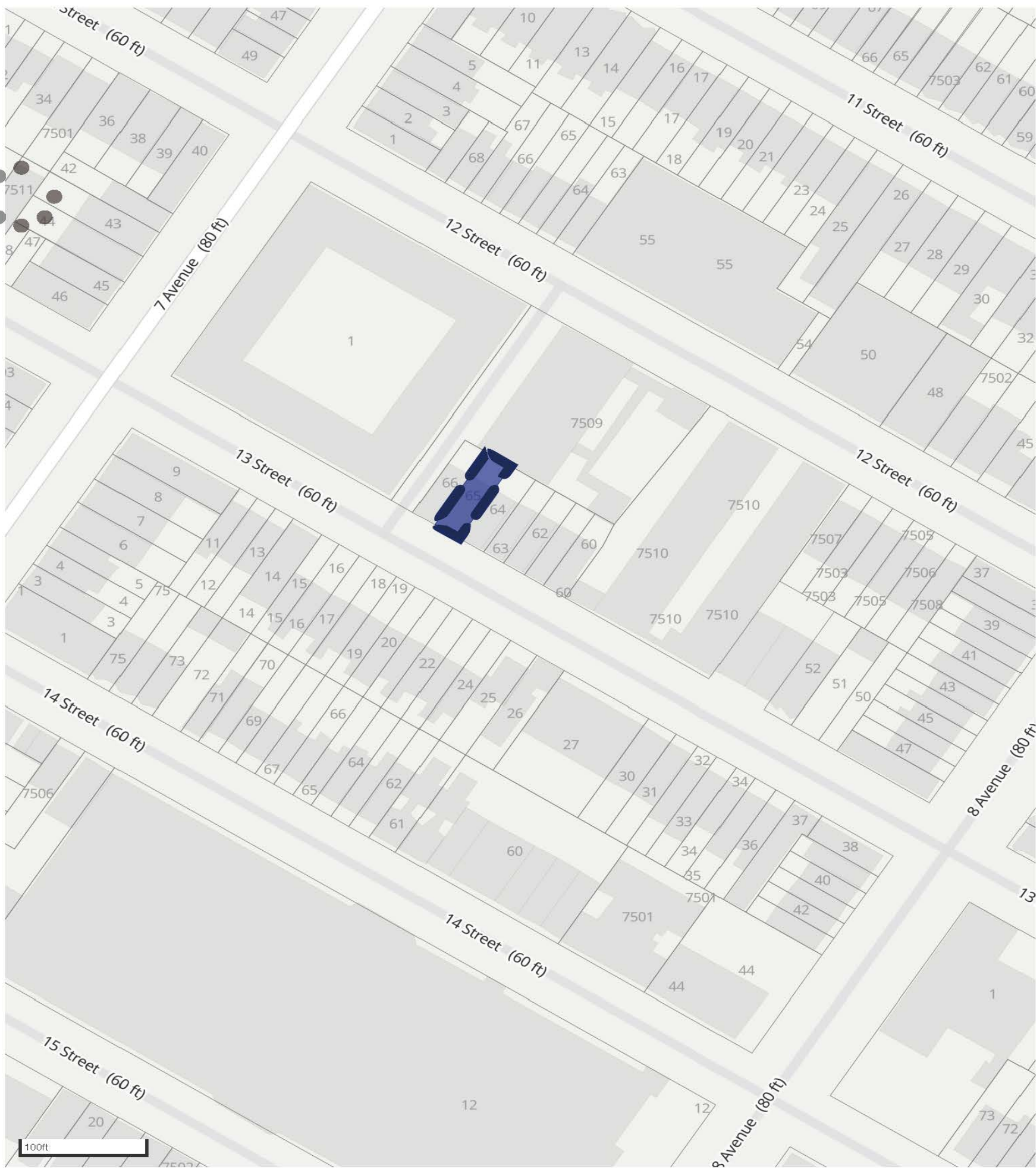


LICENSE# 089068

A-001.00

01 OF 8

DETAILED SITE PLAN TO SEE A-003



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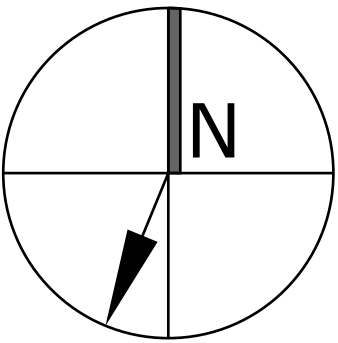
3-STORY ATTACHED
ADJACENT BLDG(E)
HEIGHT: 36'

3-STORY ATTACHED
ADJACENT BLDG(E)
HEIGHT: 36'

FDNY FIREPATH
PROPERTY LINE
6'X6' FDNY LANDING
PROPOSED PV SYSTEM

TREE PIT(E)
TREE(E)

13 STREET



3-4° ROOF SLOPE
212° ARRAY ORIENTATION
7° ARRAY TILT

LEGEND:ROOFTOP ACCESS	
	FDNY FIREPATH
	6'X6' FDNY LANDING
	3' CLEARANCE ON 3 SIDES
	PROTECTIVE BARRIER

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NOTE: BUILDING NOT LOCATED IN FLOOD ZONE

PROFESSIONAL STATEMENT - ENERGY CODE
TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, ALL WORK UNDER THIS APPLICATION IS IN COMPLIANCE WITH THE NYCECC2020

OCCUPANT SAFETY NOTES

1. CONSTRUCTION WORK SHALL BE CONFINED TO AREAS OF WORK AS DEFINED BY THE DRAWINGS AND SHALL NOT CREATE DUST, DIRT, OR OTHER SUCH INCONVENIENCES TO OTHER UNITS WITHIN, OR AREAS OF , THE BUILDING AND SHALL BE CLEANED UP AND

2. CONSTRUCTION OPERATIONS SHALL NOT INVOLVE INTERRUPTION OF HEATING AND WATER TO THE OCCUPANTS OF THE

3. CONSTRUCTION OPERATIONS SHALL NOT BLOCK HALLWAYS OR ANY MEANS OF EGRESS FOR THE OCCUPANTS OF THE BUILDING OF ANY TIME.

4. CONSTRUCTION OPERATIONS SHALL BE CONFINED TO NORMAL WORKING HOURS: 8 A.M. TO 5 P.M., EXCEPT LEGAL HOLIDAYS AND SHALL BE LIMITED PURSUANT TO THE NYC NOISE CONTROL CODE.

5. FIRE SAFETY: ALL BUILDING MATERIALS STORE AT CONSTRUCTION AREA, AND/OR IN ANY AREA OF THE BUILDING ARE TO BE SECURED IN A LOCKED AREA, ACCESS TO SUCH AREAS TO BE CONTROLLED BY GENERAL CONTRACTOR.

6. THE BUILDING WILL BE FULLY OCCUPIED DURING THE COURSE OF CONSTRUCTION. THE WORK OF THIS APPLICATION DOES NOT AFFECT THE INTERIOR OF THE BUILDING NOR DOES IT INTERFERE WITH USE OF THE INTERIOR PUBLIC SPACES.

7. THE WORK OF THIS APPLICATION COMPLIES WITH ALL APPLICATION LAWS RELATING TO LEAD AND ASBESTOS.

8. NO STRUCTURAL WORK SHALL BE DONE THAT MAY ENDANGER THE OCCUPANTS.

NO NEW CONSTRUCTION OR ANY DEMOLITION IS BEING PROPOSED, PV SYSTEM IS TO BE MOUNTED ON EXISTING ROOF STRUCTURE. THE EXISTING ROOF STRUCTURE HAS BEEN EVALUATED FOR THE PROPOSED NEW SOLAR LOAD AND DETERMINED TO BE OF SUFFICIENT CAPACITY TO INSTALL THE PROPOSED SOLAR ARRAY AS FOLLOWS:
A) **ROOF** - MECHANICALLY FASTENED SYSTEM NOT TO EXCEED 4.0 LBS.SQ.FT.

FC504.4 ROOFTOP ACCESS AND OBSTRUCTIONS.
THE ROOFTOPS OF BUILDINGS 100 FEET (30 480 MM) OR LESS IN HEIGHT, EXCEPT ROOFTOPS WITH A SLOPE EXCEEDING 20 DEGREES (0.35 RAD) FROM THE HORIZONTAL, SHALL BE DESIGNED, INSTALLED, OPERATED AND MAINTAINED IN ACCORDANCE WITH THIS SECTION AND IN A MANNER THAT AVOIDS OR MINIMIZES OBSTRUCTIONS THAT IMPEDE FIREFIGHTING OPERATIONS SUCH AS VERTICAL VENTILATION OF HEAT AND SMOKE, SURVEILLANCE OF REAR YARDS AND COURTYARDS, AND ROOFTOP-AIDED RESCUES.

FC504.4.7 ROOFTOP CONDUITS AND PIPING INSTALLATIONS SHALL BE DESIGNED, INSTALLED, OPERATED, AND MAINTAINED IN ACCORDANCE WITH FC504.

FC504.4.10 ROOFTOP SOLAR INSTALLATIONS.
ROOFTOP SOLAR INSTALLATIONS SHALL BE DESIGNED, INSTALLED, OPERATED AND MAINTAINED IN ACCORDANCE WITH FC512.

FC512.4.2 PHOTOVOLTAIC SOLAR PANEL INSTALLATION MARKINGS.
INDOOR AND OUTDOOR DIRECT CURRENT CONDUIT, ENCLOSURES, RACEWAYS, CABLE ASSEMBLIES, JUNCTION BOXES, COMBINER BOXES, AND MAIN SERVICE AND OTHER DISCONNECTS SHALL HAVE DURABLE, RETRO REFLECTIVE AND, IF OUTDOORS, WEATHERPROOF, MARKINGS, IN WHITE CAPITAL LETTERS WITH A HEIGHT OF NOT LESS THAN 3/8 INCH (9.5 MM) ON A RED BACKGROUND, READING "WARNING: PHOTOVOLTAIC POWER SOURCE." CONTINUOUS INSTALLATIONS, INCLUDING CONDUIT, RACEWAYS, ENCLOSURES AND CABLE ASSEMBLIES, SHALL BE MARKED EVERY 10 FEET (3048 MM), WITHIN 1 FOOT (305 MM) OF ALL TURNS OR BENDS, AND WITHIN 1 FOOT (305 MM) ABOVE AND BELOW ALL PENETRATIONS OF ROOF OR CEILING ASSEMBLIES AND ALL WALLS.

DESIGN LOADS:

WIND-100 MPH	SNOW-30 PSF-GROUND
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APPLICABLE CODE:

NEW YORK CITY BUILDING CODE 2022
NEW YORK CITY FIRE CODE 2022
NEW YORK CITY ENERGY CONSERVATION CODE 2020
NEW YORK CITY ELECTRICAL CODE 2011

BUILDING/ZONING

BIN NUMBER	3346914
BLOCK / LOT	BL# 1098 LOT# 65
OCCUPANCY	R-3: RESIDENTIAL 1&2 FAMILY HOUSES
CONST. CLASS	3: NON-FIREPROOF STRUCTURES
ZONING DIST.	R6B RESIDENTIAL
BUILDING HEIGHT	36 FEET 0 INCHES
STORIES	3

ENERGY ANALYSIS AND PROGRESS INSPECTIONS FOR RESIDENTIAL SOLAR TAX ABATEMENTS					LANDMARK ELECTRIC
APPLICATION TYPE: ALT-2		SCOPE OF WORK: SOLAR ELECTRIC ARRAY INSTALLATION			
CLIMATE ZONE: 4A		2020 NYCECC CHAPTER 4 (RESIDENTIAL ENERGY EFFICIENCY)			
I CERTIFY THAT ANY BUILDING CONSTRUCTION ASSOCIATED WITH THE INSTALLATION OF THE SOLAR ELECTRIC GENERATING SYSTEM, OTHER THAN THAT SHOWN IN THIS ENERGY ANALYSIS, HAS BEEN INCLUDED IN AN ASSOCIATED PLAN APPROVAL AND WORK PERMIT APPLICATION, #					
ITEM DESCRIPTION	PROPOSED VALUE	PRESCRIPTIVE VALUE AND CITATION	SUPPORTIVE DOCUMENTATION (SHEET NO.)	PROGRESS, INSPECTION NUMBER, AND DESCRIPTION	
ANCHOR SOLAR ELECTRIC SUPPORTING STRUCTURE TO BUILDING STRUCTURE BY SCREWING TO STRUCTURAL MEMBERS, AS SHOWN ON DRAWINGS	SEALING ALL OPENINGS AND PENETRATIONS AS PRESCRIBED IN SECTION ECC 402.4.1 AND ECC 402.4.2.	CAULKING, GASKETING, WEATHERSTRIPPING, OR OTHER MATERIAL IN ACCORDANCE WITH SECTION ECC 402.4.1	S-001.00- LAG SCREW INSTALLED IN ROOF DECKING.	AIR BARRIER - VISUAL INSP. OPTION: VISUAL INSPECTION OF OPENINGS AND PENETRATIONS OF BUILDING ENVELOPE TO VERIFY PROPER BARRIER, IN ACCORDANCE WITH NYCECC 2020 CHAPTER 4, RCNYS, APPROVED DRAWING A-104; ECC 402.4.1.2 + 402.4.1.3 ASTM E779	

FINAL INSPECTION : 28-116.2.4.2, BC 100.5, DIRECTIVE 14 OF 1975 AND 1 RCNY 101-10		
ENERGY CODE PROGRESS INSPECTION		
REQUIRED FOR APPLICATIONS WHERE ENERGY CODE COMPLIANCE PROGRESS INSPECTION IS MARKED "YES" ON TR-1		
TYPE	SPECIAL / PROGRESS INSPECTION ITEMS	RESPONSIBLE PARTY
TR-1	SPECIAL INSPECTION ITEMS	
	Structural Stability – Existing Buildings BC 1704.20.1	P.E./R.A.
	Fire-resistant Penetrations and Joints BC 1704.27	P.E./R.A.
	Energy Code Compliance Inspections BC 110.3.5	P.E./R.A.
	PROGRESS INSPECTION ITEMS	
FINAL INSPECTION 28-116.2.4.2, BC 110.5, Directive 14 of 1975, and 1 RCNY §101-10		P.E./R.A.
SPECIAL / PROGRESS INSPECTIONS		
TYPE	INSPECTION ITEMS	RESPONSIBLE PARTY
TR-8	ENERGY CODE COMPLIANCE: AIR BARRIER- VISUAL (IIA6) BC 109.3.5	P.E./R.A.
* FOR COMPLIANCE WITH NYCECC & RCNY §5000-01 (h) (1)		

BC 2022 CODE TENANT PROTECTION PLAN

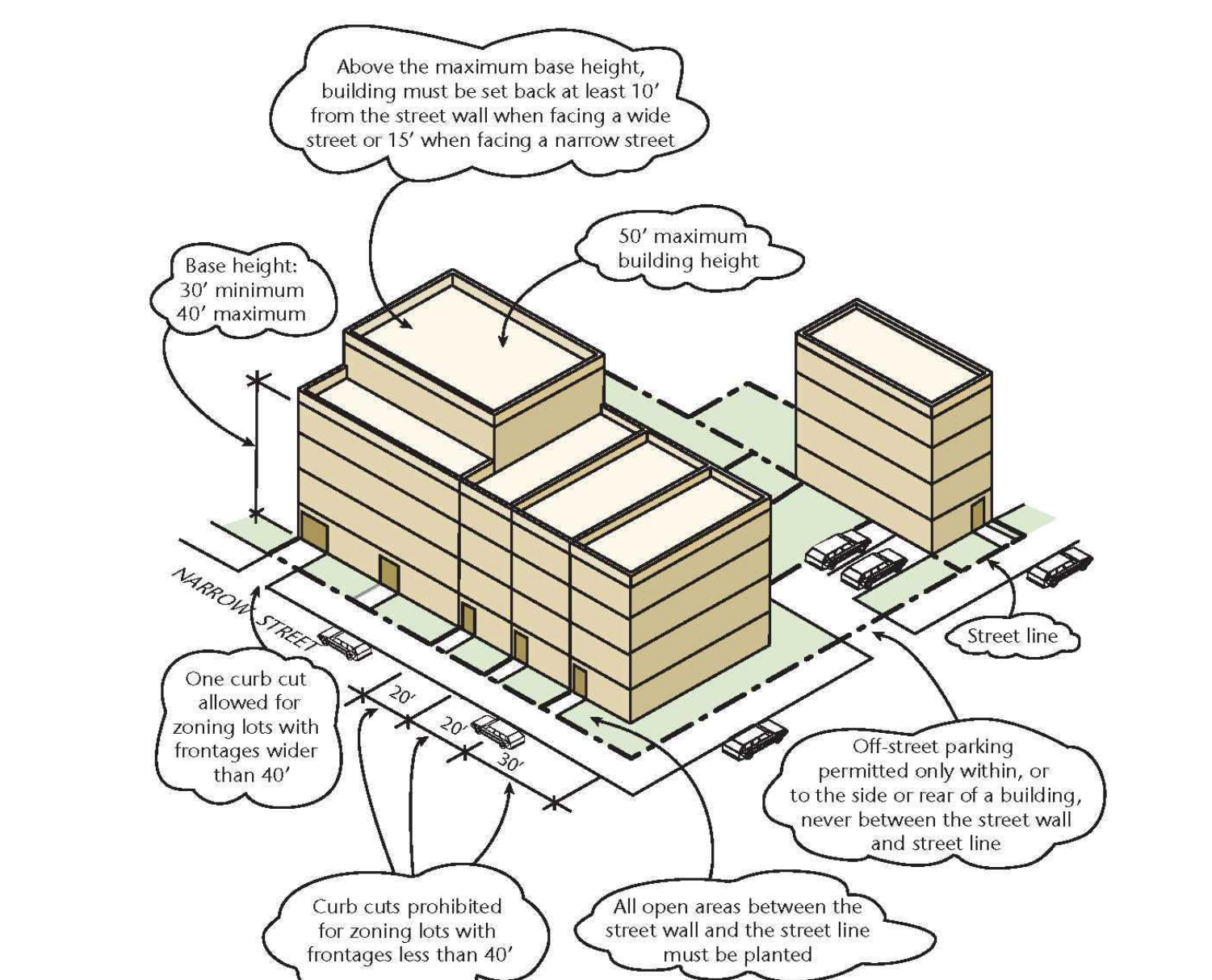
THIS BUILDING CONTAINS DWELLING UNITS THAT WILL BE OCCUPIED DURING CONSTRUCTION. DURING THE CONSTRUCTION OF THE PROJECT, ALL DWELLING UNITS MAY BE OCCUPIED. THE WORK IS FOR A ROOF MOUNTED SOLAR ENERGY PHOTO-VOLTAIC ELECTRIC SYSTEM. THE BULK OF THE WORK IS INSTALLATION OF EQUIPMENT ON THE ROOF.

1. EGRESS - AT NO TIME SHALL MATERIALS BE STAGED INSIDE THE BUILDING AT ANY HALL OR EGRESS PATH. REQUIRED EGRESS SHALL NOT BE OBSTRUCTED DURING THE PROJECT. TOOLS AND SMALLER MATERIALS MAY BE BROUGHT IN THROUGH THE MAIN ENTRY AND UP THE STAIRS, HOWEVER THEY SHALL BE BROUGHT IMMEDIATELY TO THE ROOF EXTERIOR, AND SHALL AT NO TIMES BLOCK ANY EGRESS PATH. ALL ENTRANCE DOORS AND LIGHTS IN PUBLIC HALLWAYS SHALL BE KEPT IN WORKING ORDER TO ENSURE PROPER EGRESS IN CASE OF AN EMERGENCY.
2. FIRE SAFETY - ALL NECESSARY LAWS AND CONTROLS, INCLUDING THOSE WITH RESPECT TO OCCUPIED DWELLINGS, AS WELL AS ADDITIONAL SAFETY MEASURES NECESSITATED BY THE CONSTRUCTION SHALL BE STRICTLY OBSERVED. THE CONTRACTOR MUST ENSURE THAT ALL FLAMMABLE MATERIALS ARE KEPT AWAY FROM HEAT, AND ALL FLAMMABLE MATERIALS MUST BE USED AND STORED IN INADEQUATELY VENTILATED SPACE. ADDITIONALLY, THE CONTRACTOR MUST ENSURE THERE ARE NO LEAKS OF NATURAL GAS IN THE BUILDING OR ANY FLAMMABLE GAS USED IN CONSTRUCTION. PROPER FIRE EXTINGUISHERS SHALL BE MAINTAINED ON SITE IN A LOCATION KNOWN AND OBVIOUS. THE CONTRACTOR MUST FURTHER ENSURE THAT ALL ELECTRICAL POWER IS SHUT-OFF WHERE THERE ARE EXPOSED CONDUITS, AND ALL ELECTRICAL POWER IN THE CONSTRUCTION AREA ARE SHUT OFF AFTER WORKING HOURS. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NEC AND NFPA GUIDELINES. THE ELECTRICAL WORK SHALL PASS INSPECTION OF AN APPROVED UL INSPECTION AGENCY LICENSED AND PROPERLY QUALIFIED TO PERFORM THE INSPECTION IN THE CITY OF NEW YORK. ALL FDNY RULES AND REGULATIONS REGARDING THE APPROPRIATE FIRE PATH AND ROOF OBSTRUCTIONS MUST BE IMPLEMENTED BY THE CONTRACTOR.
3. HEALTH REQUIREMENTS - THE BULK OF THE CONSTRUCTION IS ON THE EXTERIOR, THE CONSTRUCTION OF A ROOF MOUNTED SOLAR ENERGY PHOTO-VOLTAIC ELECTRIC SYSTEM AND ITS ASSOCIATED MOUNTING SYSTEM. NO DISTURBANCE OF EXISTING BUILDING MATERIALS IS TO OCCUR BEYOND WHAT IS REQUIRED FOR CONSTRUCTION OF THE SYSTEM AND ITS COMPONENTS. SOME INTERIOR WORK MAY BE REQUIRED, WIRING FOR THE SYSTEM AND INTO THE EXITING BUILDING ELECTRICAL SYSTEM. ALL ELECTRICAL WORK SHALL PASS INSPECTION OF AN APPROVED UL INSPECTION AGENCY LICENSED AND PROPERLY QUALIFIED TO PERFORM THE INSPECTION IN NYC. ALL CONSTRUCTION DEBRIS SHALL BE CLEANED DAILY FROM THE WORK SITE, AND WILL NOT BE LEFT EXPOSED ON THE ROOF. ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH APPLICABLE PROVISIONS OF LAW RELATING TO LEAD AND ASBESTOS. IN CASE THESE MATERIALS WERE OBSERVED, THE CONTRACTOR MUST IMMEDIATELY CONTACT OWNER OR THE APPLICANT OF RECORD.
- 3.1. LEAD AND ASBESTOS - IF REQUIRED BY DEP ASBESTOS RULES, A CERTIFIED ASBESTOS INVESTIGATOR HAS FILED THE REQUIRED ACPS AND HAS DETAILED THE REQUIRED ABATEMENT LARGE ENOUGH TO FIT SCREWS, SO AS TO NOT DISTURB MORE THAN 10 SQUARE FEET/25 LINEAR FEET OF ROOFING AND SIDING MATERIALS. IF IT HAS BEEN DETERMINED THAT AREAS THAT WILL BE DISTURBED HAVE THE POTENTIAL TO CONTAIN LEAD-BASED PAINT OR OTHER MATERIALS, AN EPA LEAD SAFE CERTIFIED FIRM MUST BE ENGAGED TO INSPECT AND IDENTIFY ABATEMENT PROCEDURES AS NEEDED.
4. COMPLIANCE WITH HOUSING STANDARDS - ELECTRIC, GAS, OR OTHER UTILITIES ARE NOT TO BE INTERRUPTED. BUILDING SECURITY SHALL BE MAINTAINED TO PREVENT UNAUTHORIZED PERSONS FROM ENTERING THE BUILDING. THE REQUIREMENTS OF THE NEW YORK STATE HOUSING MAINTENANCE CODE, AND, WHERE APPLICABLE, THE NEW YORK STATE MULTIPLE DWELLING LAW SHALL BE STRICTLY OBSERVED.
5. STRUCTURAL SAFETY - NO STRUCTURAL WORK SHALL BE DONE THAT MAY ENDANGER THE OCCUPANTS. THE EXTENT OF WORK FOR THIS PROJECT IS THE INSTALLATION OF AN EXTERIOR ROOF MOUNTED SOLAR ENERGY PHOTO-VOLTAIC ELECTRIC SYSTEM. NO OTHER STRUCTURAL WORK OR MODIFICATION IS TO BE PERFORMED UNLESS OTHERWISE NOTED ON THE PLANS AND THE SCOPE OF WORK. ANY ISSUES WHICH ARISE DURING CONSTRUCTION SHOULD BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR. ALL CONSTRUCTION MATERIALS, WHEN BROUGHT TO THE ROOF, SHALL BE IMMEDIATELY SPREAD EVENLY OVER THE ROOF SURFACE SO AS TO AVOID ANY LOCALIZED LOADING OF THE ROOF STRUCTURE. THE ROOF SHALL NOT BE OVERLOADED BEYOND WHAT PERMITTED.
6. NOISE RESTRICTIONS - HOURS OF CONSTRUCTION SHALL BE LIMITED TO 7 AM - 6 PM ON WEEKDAYS. CONSTRUCTION NOISE SHALL BE CEASED AFTER THESE HOURS. NOISE LEVELS MUST BE LIMITED TO ACCEPTABLE LEVELS. THE CONSTRUCTION TOOLS SHALL BE UTILIZED ONLY ON THE ROOF OF THE BUILDING, AND OUTSIDE OF ANY OF THE INTERIOR RESIDENCES OF THE BUILDING.

7. MAINTAINING ESSENTIAL SERVICES - AT NO TIME DURING THE COURSE OF THE PROPOSED CONSTRUCTION SHALL THERE BE ANY DISRUPTION OF THE HEAT, HOT WATER, COLD WATER, GAS, OR OTHER UTILITY SERVICES IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW YORK CITY HOUSING MAINTENANCE CODE. HOWEVER, ELECTRIC SERVICE MAY HAVE TO BE SHUT DOWN FOR APPROXIMATELY 2 HOURS IN ORDER TO CONNECT THE PROPOSED PHOTO-VOLTAIC SYSTEM TO THE EXISTING ELECTRIC PANEL AND GRID. THIS PERIOD IS SPECIFICALLY DESIGNED TO BE SHORTENED BY WIRING THE PANELS AND OTHER COMPONENTS OF THE PHOTO-VOLTAIC SYSTEM BEFORE CUTTING OFF THE ELECTRIC SERVICE TO INSTALL THE FINAL CONNECTION.

8. OTHER REQUIREMENTS - TENANT PROTECTION PLANS MUST BE PUBLICLY AVAILABLE. A COPY OF THE TENANT PROTECTION PLANS MUST BE PROVIDED TO THE BUILDING OCCUPANTS UPON REQUEST. PRIOR TO THE INITIATION OF THE WORK, A NOTICE MUST BE SENT TO THE BUILDING OCCUPANTS THE INCLUDES THE FOLLOWING ITEMS:

- 1) STATEMENT THAT OCCUPANTS OF THE BUILDING MAY OBTAIN A PAPER COPY OF SUCH PLAN FROM THE OWNER AND MAY ACCESS SUCH PLAN ON THE DEPARTMENT WEBSITE.
- 2) THE NAME AND CONTACT INFORMATION FOR THE SITE SAFETY MANAGER, SITE SAFETY COORDINATOR OR SUPERINTENDENT OF CONSTRUCTION OR THE NAME AND CONTACT INFORMATION OF THE OWNER OF THE BUILDING OR SUCH OWNERS DESIGNEE.
- 3) STATEMENT THAT OCCUPANTS OF THE BUILDING MAY CALL 311 TO MAKE COMPLAINTS ABOUT THE WORK.



R6B General Residence District						
R6B	FAR (max)	Lot Coverage (max)		Base Height (min/max)	Building Height (max)	Required Parking ⁷ (min)
		Corner lot	Interior/Through Lot			
		2.0 ¹	80%	60%	30–40 ft	50 ft

¹ 2.2 FAR with Inclusionary Housing designated area bonus
² Waived if 5 or fewer spaces required

A002
1 ZONING/HEIGHT REQUIREMENTS
NTS

THE ABOVE IMAGE IS NOT THE PROPERTY IN QUESTION AND IS PROVIDED FOR REFERENCE ONLY

SOLAR MODULES MOUNT TO ROOF OF EXISTING STRUCTURE AND DO NOT EXTEND BEYOND EAVE.

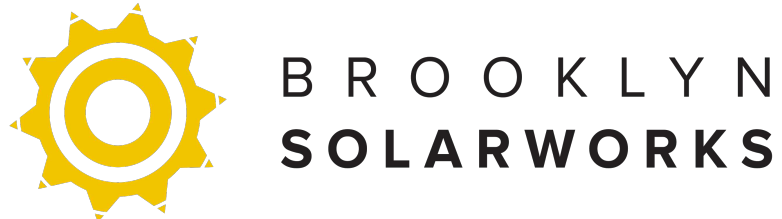
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S O L A R W O R K S

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02 OF 8

ROOF/SETBACK

ROOF TYPE	FLAT-WOOD JOIS T
RAFTER SIZE	3" X 8"
RAFTER SPACING	20" @ O.C.
ROOF PITCH	3-4°
FDNY PATH	6 FEET REQUIRED

BUILDING/ZONING

BLOCK / LOT	BL# 1098 LOT# 65
OCCUPANCY	R-3: RESIDENTIAL 1&2 FAMILY HOUSES
CONST. CLASS	3: NON-FIREPROOF STRUCTURES
ZONING DIST.	R6B RESIDENTIAL
BUILDING HEIGHT	36 FEET 0 INCHES

THE FILED PLANS INDICATED THAT ENCROACHMENT ON THE CLEAR PATH IS NECESSARY TO ACCOMMODATE THE DESIGN OF THE SOLAR INSTALLATION, WHICH REQUIRES COVERAGE ACROSS ALL OR SUBSTANTIALLY ALL OF ONE OR MORE OF THE ROOFTOP DIMENSIONS.

- LEGEND:ROOFTOP ACCESS
- FDNY FIREPATH
 - 6'X6' FDNY LANDING
 - 3' CLEARANCE ON 3 SIDES
 - PROTECTIVE BARRIER



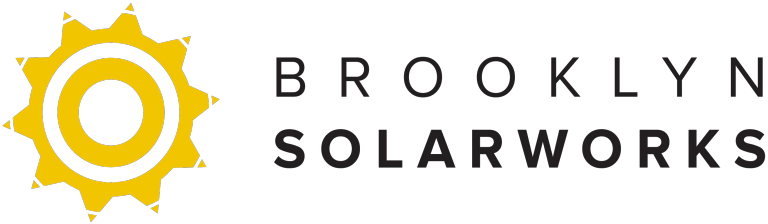
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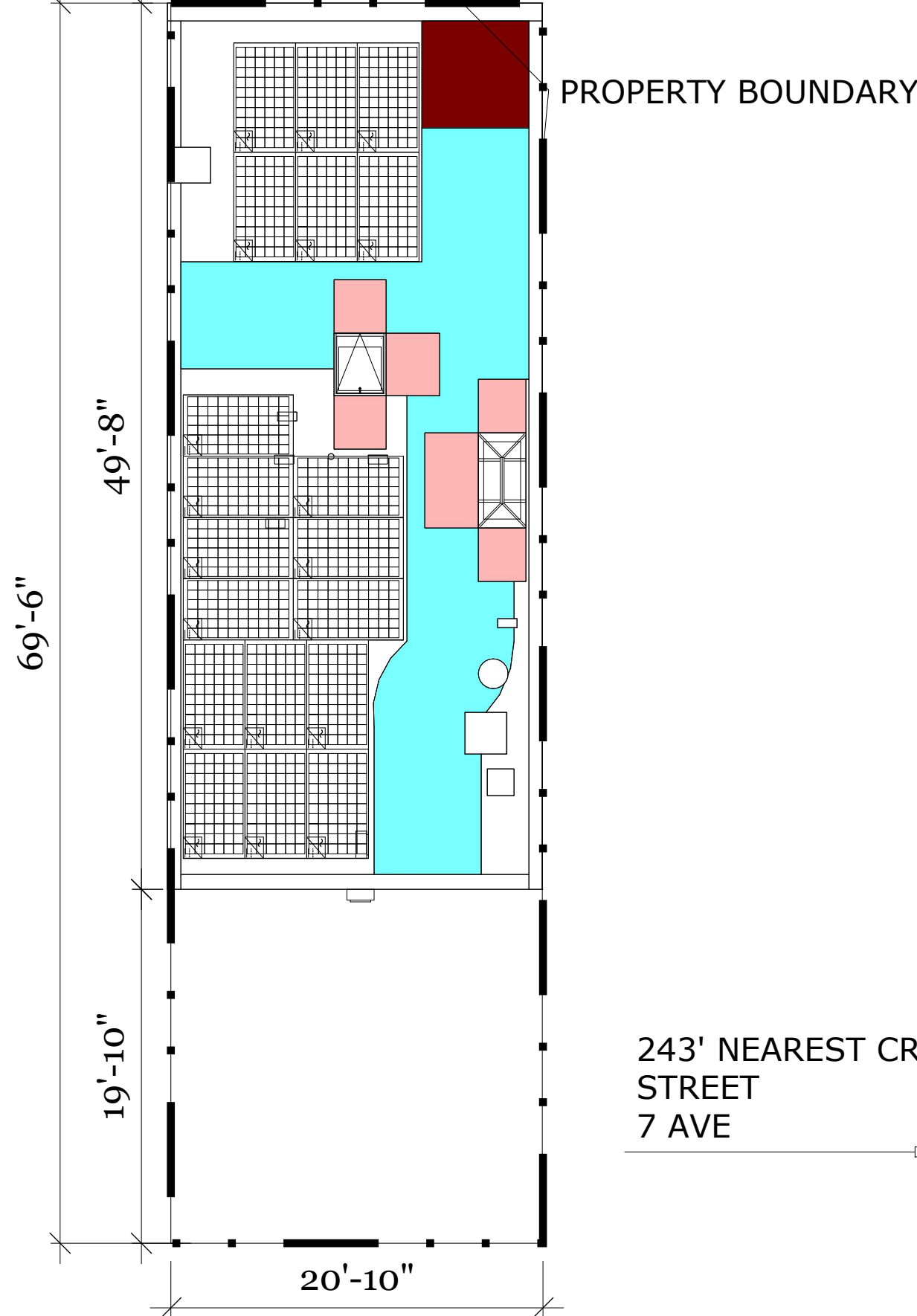
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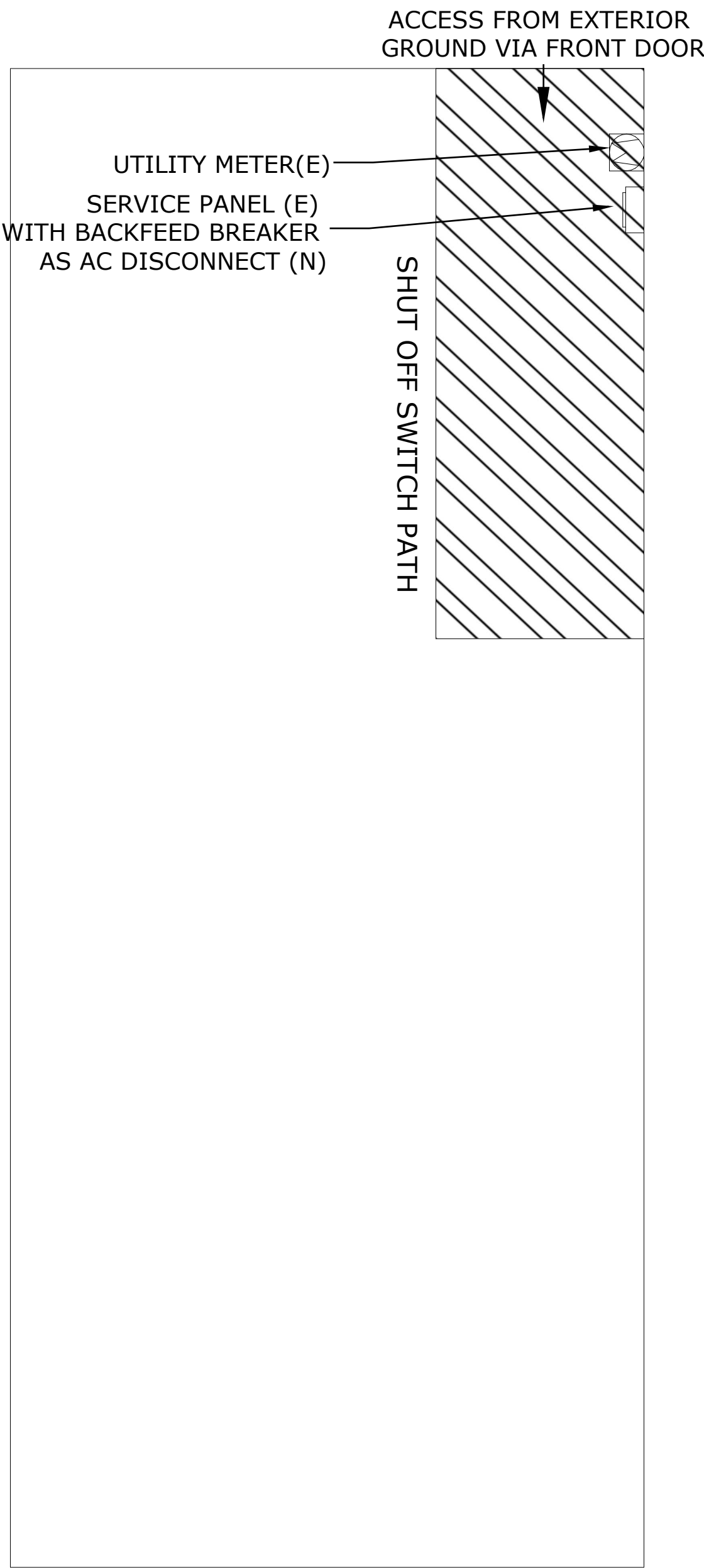
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03 OF 8

13 STREET

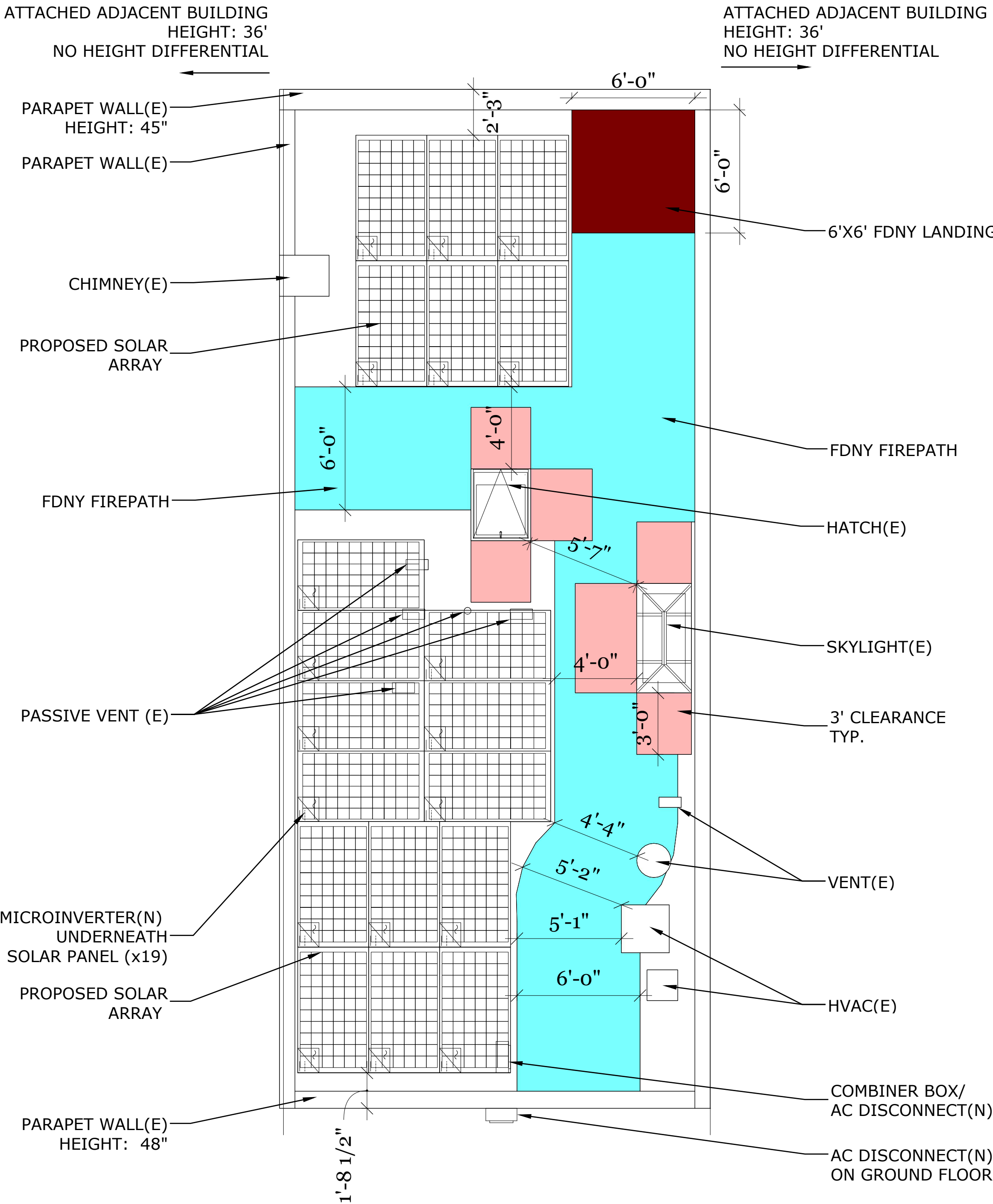


13 STREET



A-003
2 FIRST FLOOR LAYOUT
SCALE 1/4"= 1'-0"

13 STREET



A-003
3 ROOF LAYOUT
SCALE 1/4"= 1'-0"

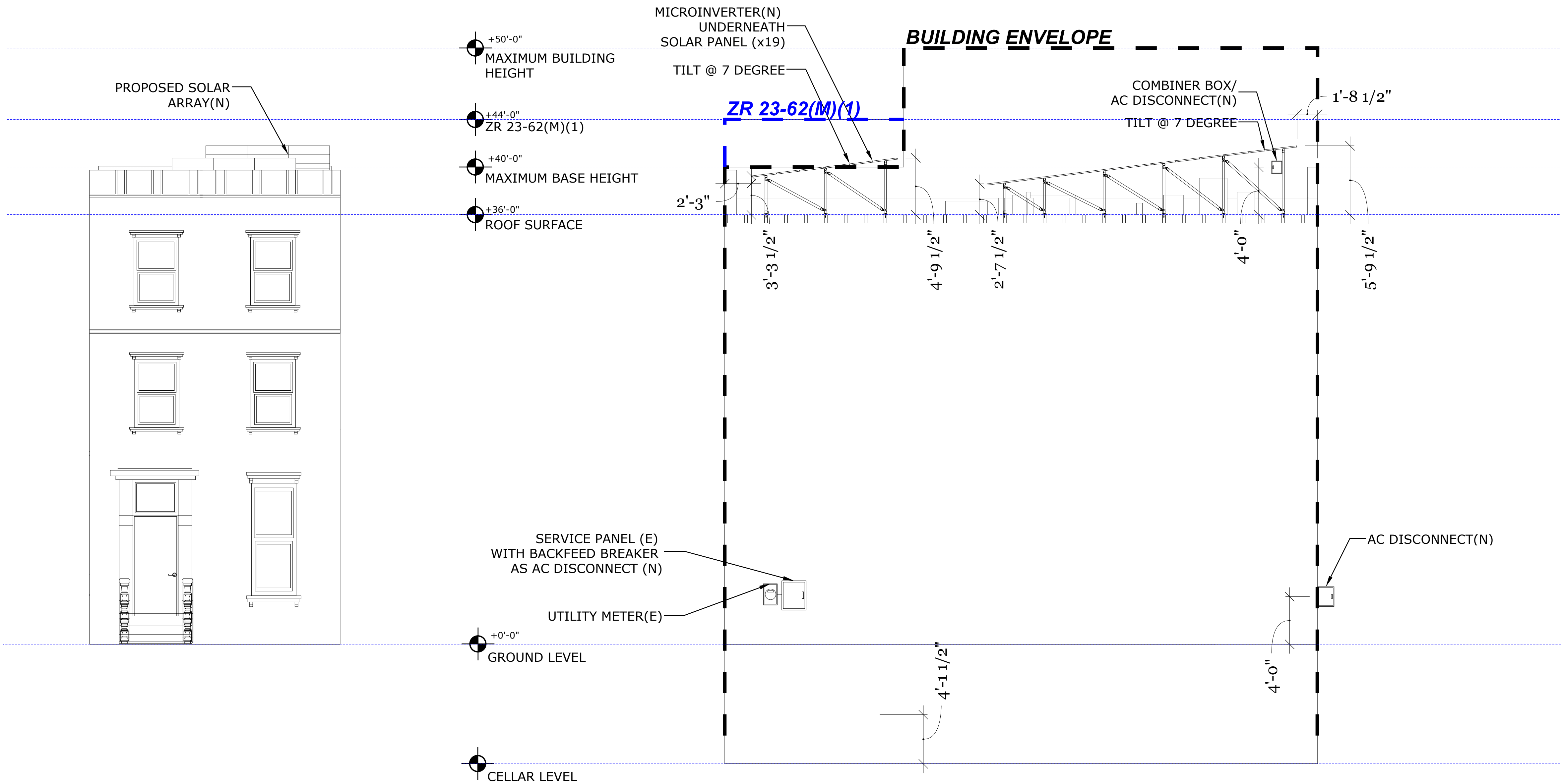
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ZR 23-62 PERMITTED OBSTRUCTIONS
IN ALL #RESIDENCE DISTRICTS#, EXCEPT AS PROVIDED IN SECTION 23-621 (PERMITTED OBSTRUCTIONS IN CERTAIN DISTRICTS), THE OBSTRUCTIONS LISTED IN PARAGRAPHS (A) THROUGH (R) IN THIS SECTION SHALL BE PERMITTED TO PENETRATE A MAXIMUM HEIGHT LIMIT OR #SKY EXPOSURE PLANE# SET FORTH IN SECTIONS 23-63 (HEIGHT AND SETBACK REQUIREMENTS IN R1 THROUGH R5 DISTRICTS), 23-64 (BASIC HEIGHT AND SETBACK REQUIREMENTS), 23-66 (HEIGHT AND SETBACK REQUIREMENTS FOR QUALITY HOUSING BUILDINGS) OR 23-69 (SPECIAL HEIGHT LIMITATIONS):
(M) SOLAR ENERGY SYSTEMS:
(1) ON THE ROOF OF A #BUILDING#, UP TO FOUR FEET IN HEIGHT, AS MEASURED FROM THE MAXIMUM HEIGHT LIMIT, OR THE FINISHED LEVEL OF THE ROOF, WHICHEVER IS HIGHER;
(2) ON THE ROOF OF A #BUILDING#, GREATER THAN FOUR FEET IN HEIGHT, AS MEASURED FROM THE MAXIMUM HEIGHT LIMIT, OR THE FINISHED LEVEL OF THE ROOF, WHICHEVER IS HIGHER, PROVIDED THAT ALL SUCH PORTIONS ABOVE FOUR FEET ARE SET BACK AT LEAST SIX FEET FROM A #STREET WALL#, LIMITED TO A #LOT COVERAGE# NOT GREATER THAN 25 PERCENT OF THE #LOT COVERAGE# OF THE ROOF AND DO NOT EXCEED:
(I) IN R1 THROUGH R5 DISTRICTS, A HEIGHT OF SIX FEET;
(II) IN R6 THROUGH R10 DISTRICTS, A HEIGHT OF 15 FEET; AND
(III) WHEN LOCATED ON A BULKHEAD OR OTHER OBSTRUCTION PURSUANT TO PARAGRAPH (G) OF THIS SECTION, A HEIGHT OF SIX FEET;
(3) ON WALLS EXISTING ON APRIL 30, 2012, PROJECTING NO MORE THAN 10 INCHES AND OCCUPYING NO MORE THAN 20 PERCENT OF THE SURFACE AREA OF THE #BUILDING# WALL (AS VIEWED IN ELEVATION) FROM WHICH IT PROJECTS

504.4.7 ROOFTOP CONDUITS AND PIPING.
TO THE MAXIMUM EXTENT PRACTICABLE, CONDUITS, INCLUDING CABLE TRAYS, AND PIPING, SHALL BE INSTALLED AT ROOFTOP LOCATIONS WHERE THEY DO NOT OBSTRUCT ROOFTOP ACCESS LANDINGS, CLEAR PATH OR REQUIRED CLEARANCES. IF IT IS IMPRACTICABLE TO AVOID THESE AREAS, CONDUITS AND PIPING SHALL BE DESIGNED AND INSTALLED TO FACILITATE ACCESS AND MINIMIZE TRIPPING HAZARDS. STEPS OR RAMPS (OR PLATFORMS WITH STEPS, RAMPS OR LADDERS) SHALL BE PROVIDED THAT ARE CONSTRUCTED OF NONCOMBUSTIBLE MATERIAL, EQUIPPED WITH RAILINGS, AND DESIGNED TO ALLOW CONDUIT OR PIPING INSTALLATIONS THAT EXCEED 1 FOOT (305 MM) IN HEIGHT ABOVE THE ROOF SURFACE, OR MORE THAN 24 INCHES (610 MM) IN WIDTH, TO BE READILY TRAVERSED. STEPS, RAMPS, PLATFORMS AND LADDERS SHALL NOT BE PLACED IN AREAS OR IN A MANNER THAT WOULD OBSTRUCT ANY DOOR OR MEANS OF EGRESS. ALL CONDUITS AND PIPING INSTALLATIONS SHALL BE COLOR-CODED WITH CONTINUOUS, DURABLE AND WEATHERPROOF REFLECTIVE OR LUMINESCENT MARKINGS AS FOLLOWS, AND FOR CONDUIT AND PIPING INSTALLED AFTER JULY 1, 2014, SHALL BE CONTINUOUSLY LABELED IN AN APPROVED MANNER TO INDICATE ITS CONTENTS:
1. HIGH VOLTAGE WIRING – RED.
2. LOW VOLTAGE WIRING – ORANGE.

ZONING RESOLUTION COMPLIANCE STATEMENT:
TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THE SOLAR ELECTRIC GENERATING SYSTEM COMPLIES WITH HEIGHT AND SETBACK REGULATIONS AS PRESCRIBED BY NEW YORK CITY ZONING RESOLUTION (ZR 23-62).

AC DISCONNECT LOCATED IN THE BASEMENT ON THE EXSITING WALL. PLEASE REFER TO A-003 FOR THE PATH TO THE AC DISCONNECT.
AC DISCONNECT FOR SOLAR(OCPD) IS INSTALLED INSIDE THE SERVICE PANEL AS DISCONNECT MEANS.

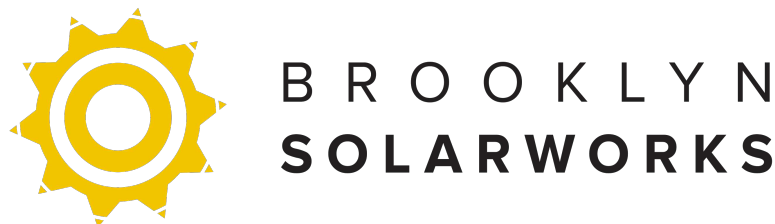


AFFIX BIS STICKER

LANDMARKS PRESERVATION COMMISSION
ELECTRONIC APPROVAL - 11/06/2023 - RW
D.O.B. STAMP

ROOF MOUNTED PHOTOVOLTAIC SYSTEM
TILT-UP RACK

Client:
Beth Berkowitz
411 13 STREET
Brooklyn , NY 11215
System Rating
DC: 7.695kW
AC: 5.89kW



200 6th St, Suite 3G, Brooklyn, NY, 11215
(347) 474 7144
www.brooklynsolarworks.com

DRWN YLM
CHKD MC
SCALE AS NOTED
DATE 10 2, 2023
ISSUE
DATE DESCRIPTION
10 2, 2023 ORIGINAL

ENGINEER OF RECORD:
Naresh Mahangu
PROFESSIONAL ENGINEER
124-15 Metropolitan Avenue
New York NY
11415
P:(929) 575-7500
F:(929) 575-7500

SEAL & SIGNATURE



LICENSE# 089068

A-004.00

JUNCTION BOX

AC DISCONNECT

INVERTER

MDP

CONDUIT

METER

COMBINER BOX LABEL X 1
1 PER COMBINER BOX

INVERTER DC DISCONNECT LABEL X 1
1 PER INVERTER

INVERTER DC DISCONNECT LABEL X 1
1 PER INVERTER

INVERTER DC DISCONNECT LABEL X 1
1 PER INVERTER MPPT

INVERTER AC DISCONNECT LABEL X 1
1 PER INVERTER

MDP LABEL X 1
1 PER MDP

CONDUIT LABEL
1 PER 10 FT.

PV METER LABEL X 1
UTILITY METER

WARNING
ELECTRIC SHOCK HAZARD
THE DC CONDUCTORS OF
THIS PHOTOVOLTAIC SYSTEM
ARE UNGROUNDED AND
MAY BE ENERGIZED
NEC 690.35(F)

WARNING
ELECTRIC SHOCK HAZARD
THE DC CONDUCTORS OF
THIS PHOTOVOLTAIC SYSTEM
ARE UNGROUNDED AND
MAY BE ENERGIZED
NEC 690.35(F)

WARNING
ELECTRIC SHOCK HAZARD
DO NOT TOUCH TERMINALS.
TERMINALS ON BOTH LINE AND LOAD
SIDES MAY BE ENERGIZED IN THE
OPEN POSITION.
NEC 690.14(C)(2) 690.17

PHOTOVOLTAIC DC DISCONNECT

Operating Current: 9.95A
Operating Voltage: 330.3V
Max System Voltage: 405V
Short Circuit Current: 10.08A
NEC 690.14(C)(2) 690.53

WARNING
ELECTRIC SHOCK HAZARD
TERMINALS ON BOTH LINE AND LOAD
SIDES MAY BE ENERGIZED IN THE
OPEN POSITION
NEC 690.14(C)(2) 690.17

WARNING
PHOTOVOLTAIC POWER
SOURCE
NEC 690.31

WARNING
DUAL POWER SOURCE
MULTIPLE SOURCES OF POWER
UTILITY AND SOLAR ELECTRIC SYSTEM
NEC 690.64 705.12(D)(4)

DC DISCONNECT

INVERTER

AC DISCONNECT LABEL X 1
1 PER SERVICE DISCONNECT

PHOTOVOLTAIC SYSTEM
AC DISCONNECT
MAX AC Operating Current: 24.51A
(AC)
NOMINAL Operating Voltage:208V(AC)
NEC 690.15

A PERMANENT PLAQUE DENOTING ALL ELECTRIC POWER SOURCES IN THE PREMISES SHALL BE INSTALLED AT EACH SERVICE EQUIPMENT LOCATION AND AT LOCATIONS OF ALL ELECTRIC POWER PRODUCTION SOURCES CAPABLE OF BEING INTERCONNECTED

CAUTION:
POWER TO THIS BUILDING IS ALSO SUPPLIED FROM THE FOLLOWING
SOURCES WITH DISCONNECTS LOCATED AS SHOWN:

13 STREET

LOCATION OF UTILITY METER (INSIDE GROUND FLOOR)

LOCATION OF SERVICE PANEL WITH BACKFEED BREAKER INSTALLED
AS AC DISCONNECT (INSIDE GROUND FLOOR)

LOCATION OF MICROINVERTER (ON ROOF)
UNDER SOLAR PANEL

LOCATION OF PV COMBINER/
AC DISCONNECT (ON ROOF)

LOCATION OF AC DISCONNECT
(ON GROUND)

411 13 STREET, Brooklyn , NY 11215

WEATHER INFO

ZIP CODE	11215
MAX. AVE HIGH	33°C/91.4°F
RECORD HIGH	36°C/96.8°F
RECORD LOW	-14°C/6.8°F

SINAGE REQUIREMENTS
RED BACKGROUND
WHITE LETTERING
MIN. 3/8"LETER HEIGHT
ALL CAPTIAL LETTERS
ARIAL OR SIMILAR FONT
REFLECTIVE, WEATHER RESISTANT MATERIAL, UL 969

512.4.2 PHOTOVOLTAIC SOLAR PANEL INSTALLATION MARKINGS.
INDOOR AND OUTDOOR DIRECT CURRENT CONDUIT, ENCLOSURES,
RACEWAYS, CABLE ASSEMBLIES, JUNCTION BOXES, COMBINER BOXES,
AND MAIN SERVICE AND OTHER DISCONNECTS SHALL HAVE DURABLE,
RETROREFLECTIVE AND, IF OUTDOORS, WEATHERPROOF, MARKINGS, IN
WHITE CAPITAL LETTERS WITH A HEIGHT OF NOT LESS THAN 3/8 INCH
(9.5 MM) ON A RED BACKGROUND, READING “WARNING: PHOTOVOLTAIC
POWER SOURCE.” CONTINUOUS INSTALLATIONS, INCLUDING CONDUIT,
RACEWAYS, ENCLOSURES AND CABLE ASSEMBLIES, SHALL BE MARKED
EVERY 10 FEET (3048 MM), WITHIN 1 FOOT (305 MM) OF ALL TURN S OR
BENDS, AND WITHIN 1 FOOT (305 MM) ABOVE AND BELOW ALL
PENETRATIONS OF ROOF OR CEILING ASSEMBLIES AND ALL WALLS.

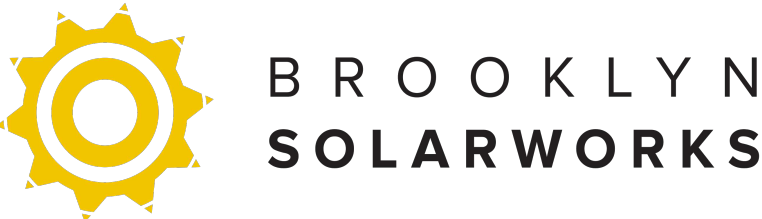
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LICENSE# 089068

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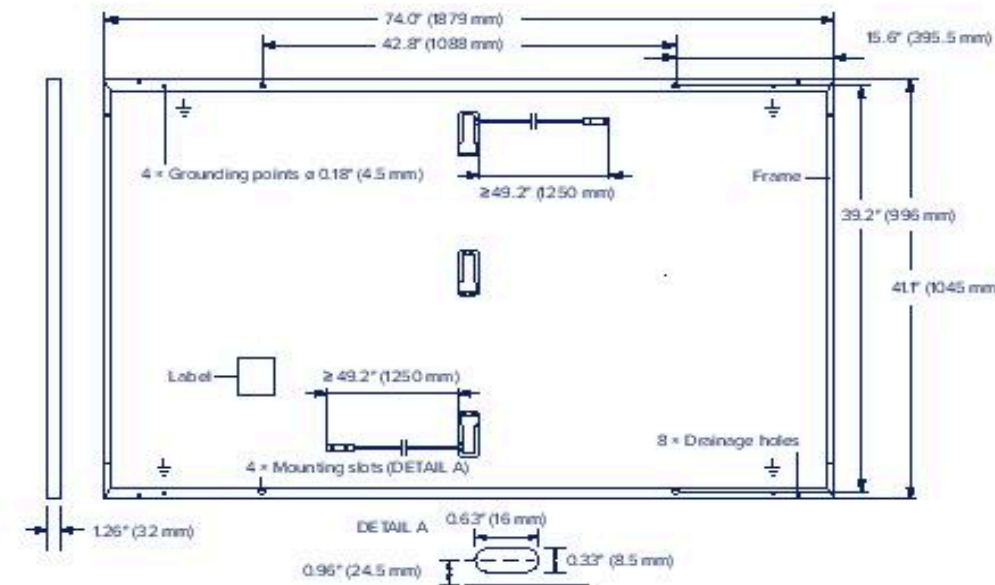
05 OF 8

DIRECTORY LABEL AS PER NEC 705.10

Q.PEAK DUO BLK ML-G10+ SERIES

Mechanical Specification

Format	74.0 in × 41.1 in × 1.26 in (including frame) (1879 mm × 1045 mm × 32 mm)
Weight	48.5 lbs (22.0 kg)
Front Cover	0.13 in (3.2 mm) thermally pre-stressed glass with anti-reflection technology
Back Cover	Composite film
Frame	Black anodised aluminium
Cell	6 × 22 monocrystalline Q.ANTUM solar half cells
Junction box	2.09-3.98 in × 1.26-2.36 in × 0.59-0.71 in (53-101 mm × 32-60 mm × 15-18 mm), IP67, with bypass diodes
Cable	4 mm ² Solar cable; (+) ≥ 49.2 in (1250 mm), (-) ≥ 49.2 in (1250 mm)
Connector	Stäubli MC4; IP68

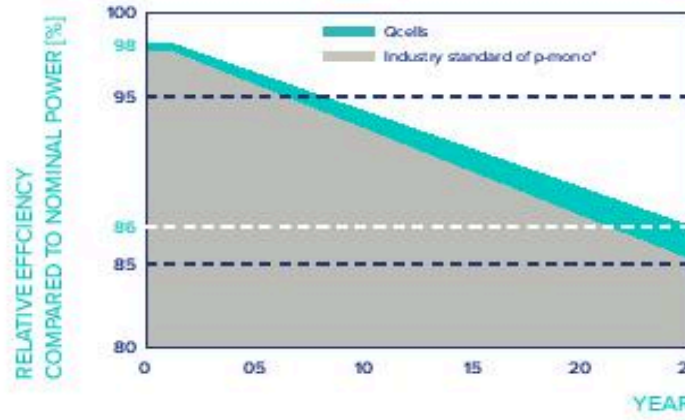


Electrical Characteristics

POWER CLASS			385	390	395	400	405	410
MINIMUM PERFORMANCE AT STANDARD TEST CONDITIONS, STC ¹ (POWER TOLERANCE +5W/-0W)								
Minimum	Power at MPP ¹	P _{MPP} [W]	385	390	395	400	405	410
	Short Circuit Current ¹	I _{SC} [A]	11.04	11.07	11.10	11.14	11.17	11.20
	Open Circuit Voltage ¹	V _{OC} [V]	45.19	45.23	45.27	45.30	45.34	45.37
	Current at MPP	I _{MPP} [A]	10.59	10.65	10.71	10.77	10.83	10.89
	Voltage at MPP	V _{MPP} [V]	36.36	36.62	36.88	37.13	37.39	37.64
	Efficiency ¹	η [%]	≥19.6	≥19.9	≥20.1	≥20.4	≥20.6	≥20.9
MINIMUM PERFORMANCE AT NORMAL OPERATING CONDITIONS, NMOT ²								
Minimum	Power at MPP	P _{MPP} [W]	288.8	292.6	296.3	300.1	303.8	307.6
	Short Circuit Current	I _{SC} [A]	8.90	8.92	8.95	8.97	9.00	9.03
	Open Circuit Voltage	V _{OC} [V]	42.62	42.65	42.69	42.72	42.76	42.79
	Current at MPP	I _{MPP} [A]	8.35	8.41	8.46	8.51	8.57	8.62
	Voltage at MPP	V _{MPP} [V]	34.59	34.81	35.03	35.25	35.46	35.68

¹Measurement tolerances P_{MPP} ± 3%; I_{SC}; V_{OC} ± 5% at STC; 1000 W/m², 25 ± 2 °C, AM 1.5 according to IEC 60904-3 · ²800 W/m², NMOT, spectrum AM 1.5

Qcells PERFORMANCE WARRANTY

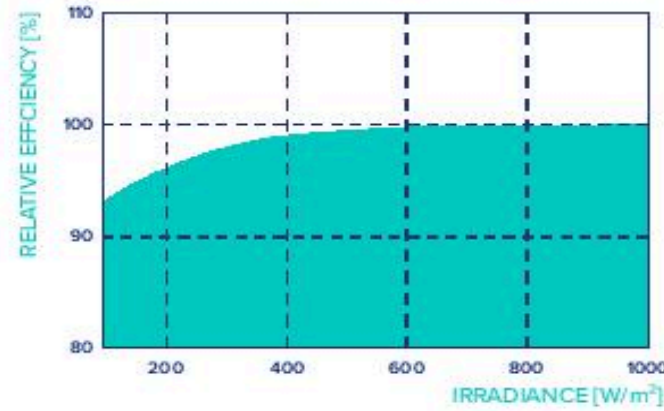


At least 98 % of nominal power during first year. Thereafter max. 0.5 % degradation per year. At least 93.5 % of nominal power up to 10 years. At least 86 % of nominal power up to 25 years.

All data within measurement tolerances. Full warranties in accordance with the warranty terms of the Qcells sales organisation of your respective country.

*Standard terms of guarantee for the 5 PV companies with the highest production capacity in 2021 (February 2021)

PERFORMANCE AT LOW IRRADIANCE



Typical module performance under low irradiance conditions in comparison to STC conditions (25°C, 1000 W/m²)

TEMPERATURE COEFFICIENTS

Temperature Coefficient of I _{SC}	α	[%/K]	+0.04	Temperature Coefficient of V _{OC}	β	[%/K]	-0.27
Temperature Coefficient of P _{MPP}	γ	[%/K]	-0.34	Nominal Module Operating Temperature	NMOT	[°F]	109 ± 5.4 (43 ± 3 °C)

Properties for System Design

Maximum System Voltage	V _{sys} [V]	1000 (IEC) / 1000 (UL)	PV module classification	Class II
Maximum Series Fuse Rating	[A DC]	20	Fire Rating based on ANSI/ UL 61730	TYPE 2
Max. Design Load, Push/Pull ³	[lbs/ft ²]	75 (3600 Pa) / 55 (2660 Pa)	Permitted Module Temperature on Continuous Duty	-40 °F up to +185 °F (-40 °C up to +85 °C)
Max. Test Load, Push/Pull ³	[lbs/ft ²]	113 (5400 Pa) / 84 (4000 Pa)		

³ See Installation Manual

Qualifications and Certificates

UL 61730, CE-compliant,
Quality Controlled PV - TÜV Rheinland,
IEC 61215:2016, IEC 61730:2016,
U.S. Patent No. 9,893,215 (solar cells),



Qcells pursues minimizing paper output in consideration of the global environment.

Note: Installation instructions must be followed. Contact our technical service for further information on approved installation of this product.
Hanwha Q CELLS America Inc. 400 Spectrum Center Drive, Suite 1400, Irvine, CA 92618, USA | TEL: +1 949 748 59 96 | EMAIL: hqc-inquiry@qcells.com | WEB: www.qcells.com

qcells

Specifications subject to technical changes © Qcells Q.PEAK DUO BLK ML-G10+ series 385-410_2023-01_Rev03_NA

IQ8MC Microinverter

INPUT DATA (DC)		I08MC-72-M-US	
Commonly used module pairings ¹	W	260 – 460	
Module compatibility		54-cell/108 half-cell, 60-cell/120 half-cell, 66-cell/132 half-cell and 72-cell/144 half-cell	
MPPT voltage range	V	25 – 45	
Operating range	V	18 – 58	
Min./max. start voltage	V	22/58	
Max. input DC voltage	V	60	
Max. continuous operating DC current	A	14	
Max. input DC short-circuit current	A	25	
Max. module I _{sc}	A	20	
Overvoltage class DC port		II	
DC port backfeed current	mA	0	
PV array configuration		1 x 1 Ungrounded array; No additional DC side protection required; AC side protection requires max 20 A per branch circuit	
OUTPUT DATA (AC)		I08MC-72-M-US	
Peak output power	VA	330	315
Max. continuous output power	VA	320	310
Nominal (L-L) voltage/range ²	V	240/211 - 264	208/183 - 229
Phase connection		Single phase/Split phase (L-L)	Single phase/Split phase (L-L)
Max. continuous output current	A	1.33	1.49
Nominal frequency	Hz	60	
Extended frequency range	Hz	47 – 68	
AC short circuit fault current over 3 cycles	Arms	TBD	
Max. units per 20 A (L-L) branch circuit ³		12	10
Total harmonic distortion	%	< 5	
Overvoltage class AC port		III	
AC port backfeed current	mA	TBD	TBD
Power factor setting		1.0	
Grid-tied power factor (adjustable)		0.85 leading – 0.85 lagging	
Peak efficiency	%	TBD	TBD
CEC weighted efficiency	%	TBD	TBD
Night-time power consumption	mW	60	
MECHANICAL DATA			
Ambient temperature range		-40°C to +60°C (-40°F to +140°F)	
Relative humidity range		4% to 100% (condensing)	
DC connector type		Stäubli MC4	
Dimensions (H x W x D)		212 mm (8.3") x 175 mm (6.9") x 30.2 mm (1.2")	
Weight		1.1 kg (2.43 lbs)	
Cooling		Natural convection – no fans	
Approved for wet locations		Yes	
Pollution degree		PD3	
Enclosure		Class II double-insulated, corrosion resistant polymeric enclosure	
Environ. category/UV exposure rating		NEMA Type 6/outdoor	
COMPLIANCE			
Certifications	CA Rule 21 (UL 1741-SA), UL 62109-1, IEEE 1547:2018 (UL 1741-SB), FCC Part 15 Class B, ICES-0003 Class B, CAN/CSA-C22.2 NO. 107.1-01 This product is UL Listed as PV Rapid Shut Down Equipment and conforms with NEC 2014, NEC 2017, and NEC 2020 section 690.12 and C22.1-2018 Rule 64-218 Rapid Shutdown of PV Systems, for AC and DC conductors, when installed according to manufacturer's instructions.		

- (1) No enforced DC/AC ratio. See the compatibility calculator at <https://link.enphase.com/module-compatibility>.
(2) Nominal voltage range can be extended beyond nominal if required by the utility.
(3) Limits may vary. Refer to local requirements to define the number of microinverters per branch in your area.

IQ8MC-MC4-14A-DS-0122-01-EN-US-2023-02-10

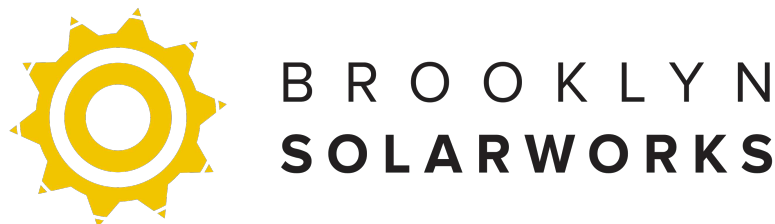
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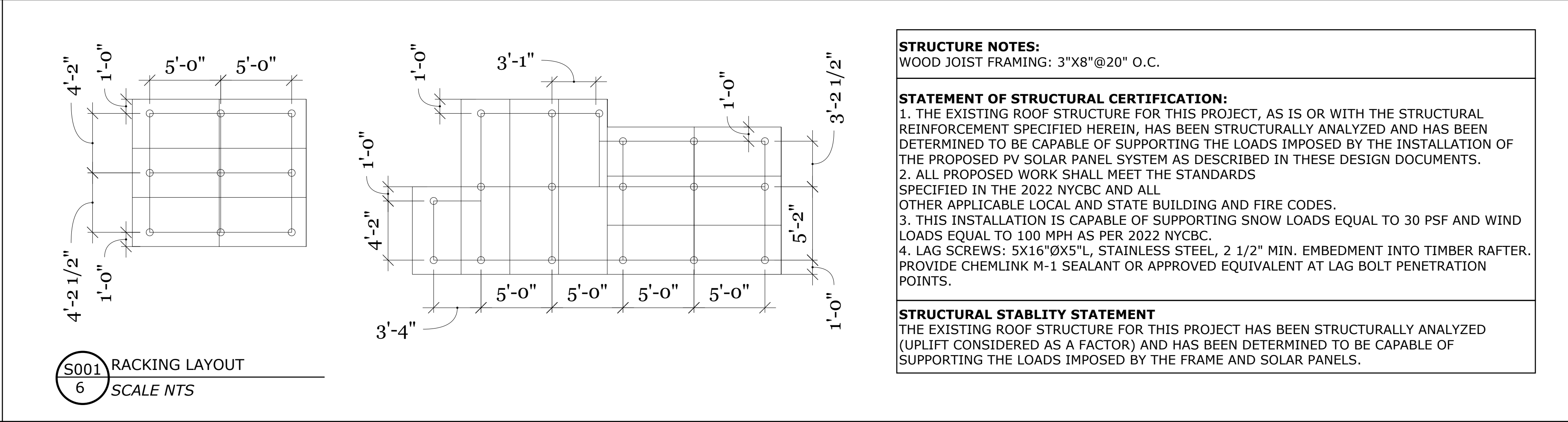
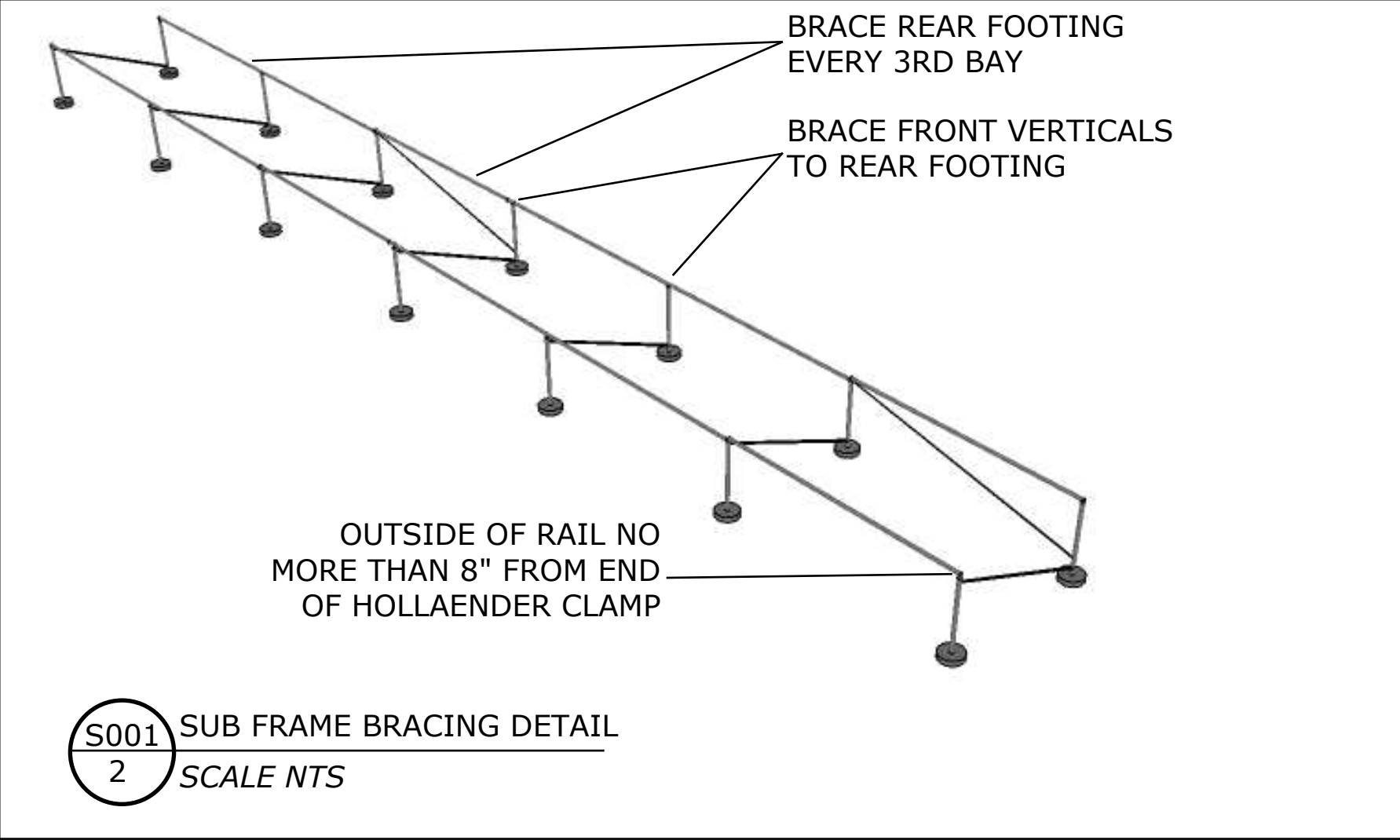
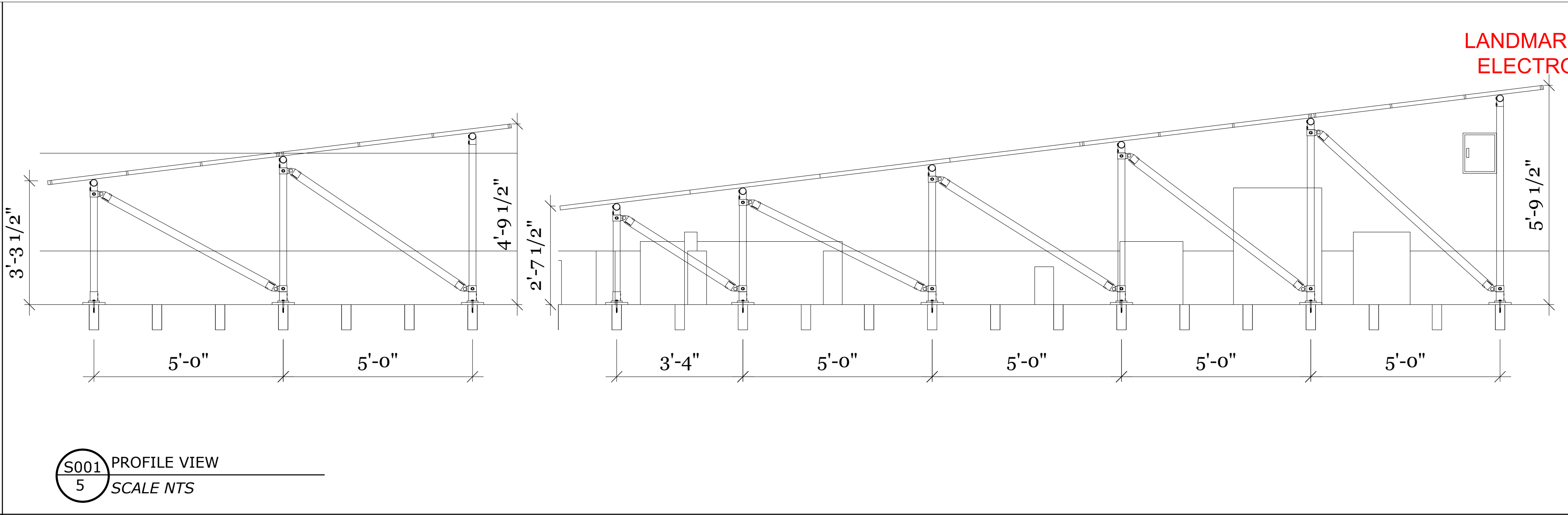
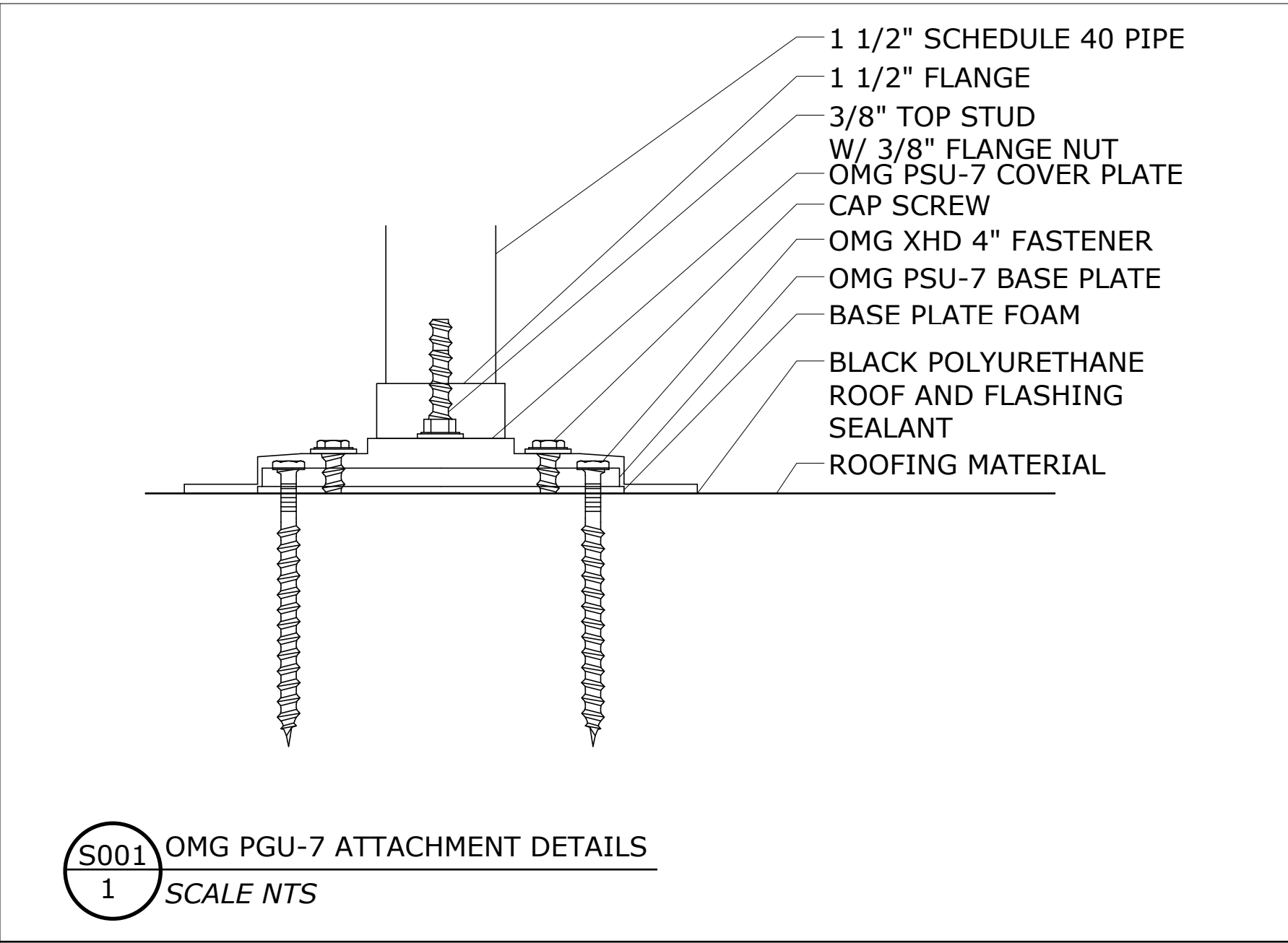
LICENSE# 089068

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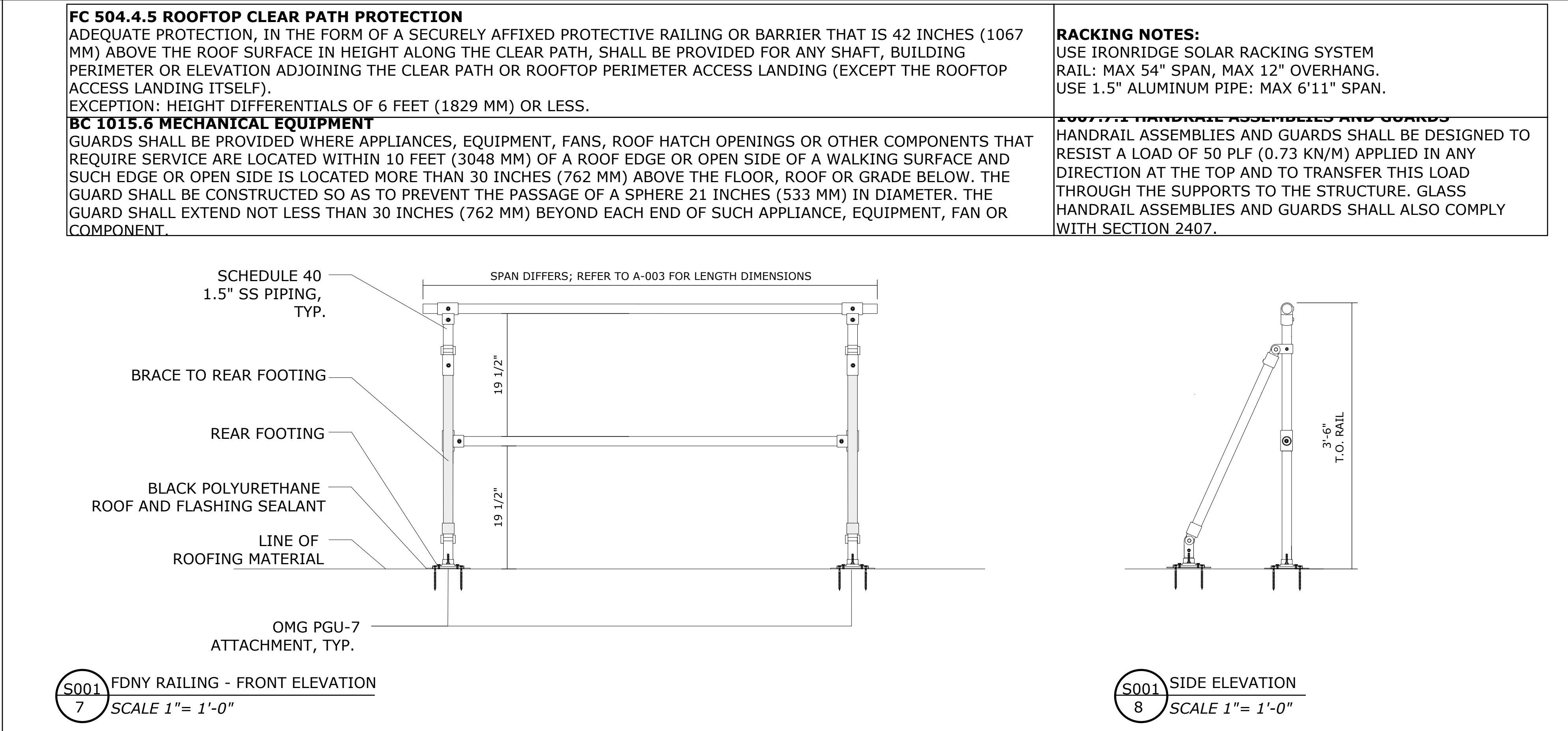
06 OF 8

LANDMARKS PRESERVATION COMMISSION
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A-006
2
DATA SHEETS
SCALE 1/4" = 1'-0"



LANDMARKS PRESERVATION COMMISSION
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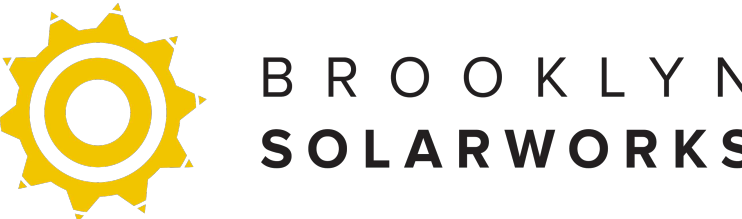


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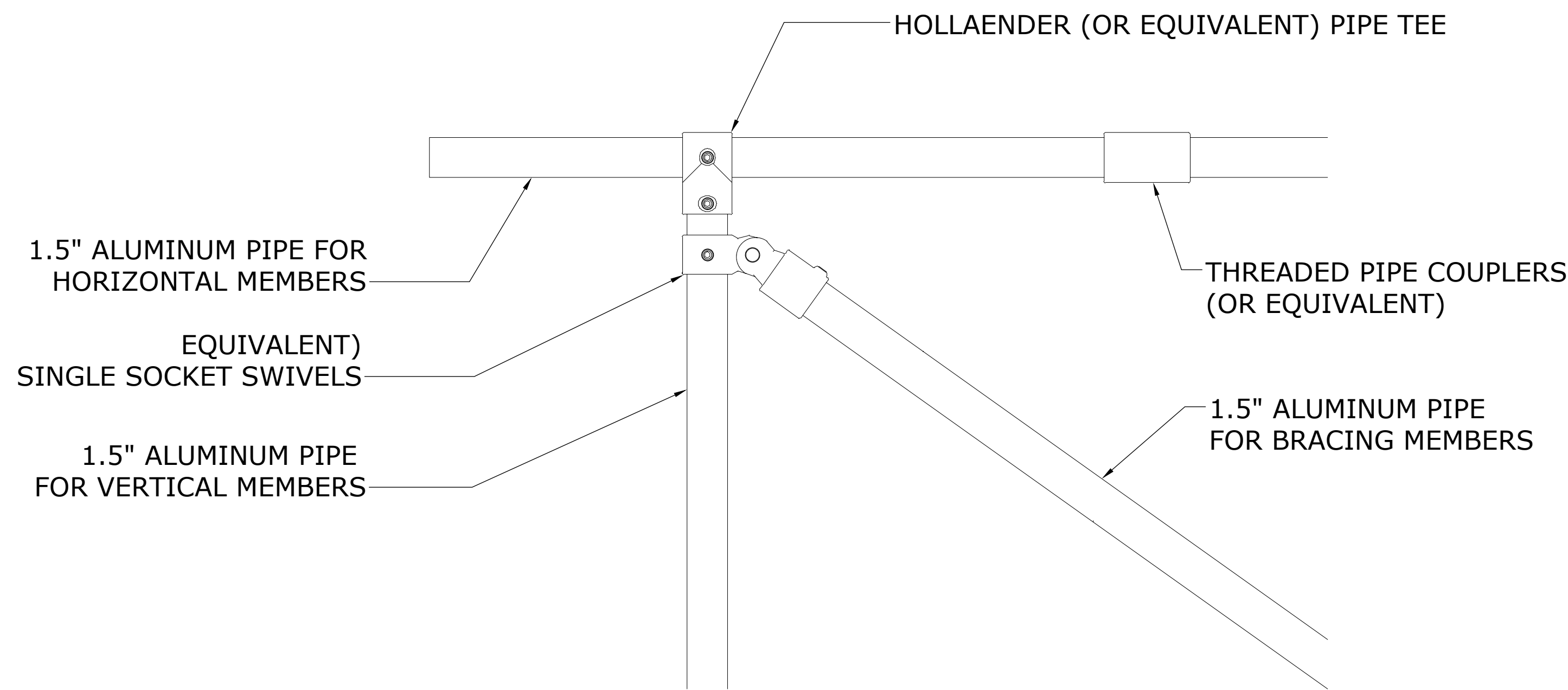
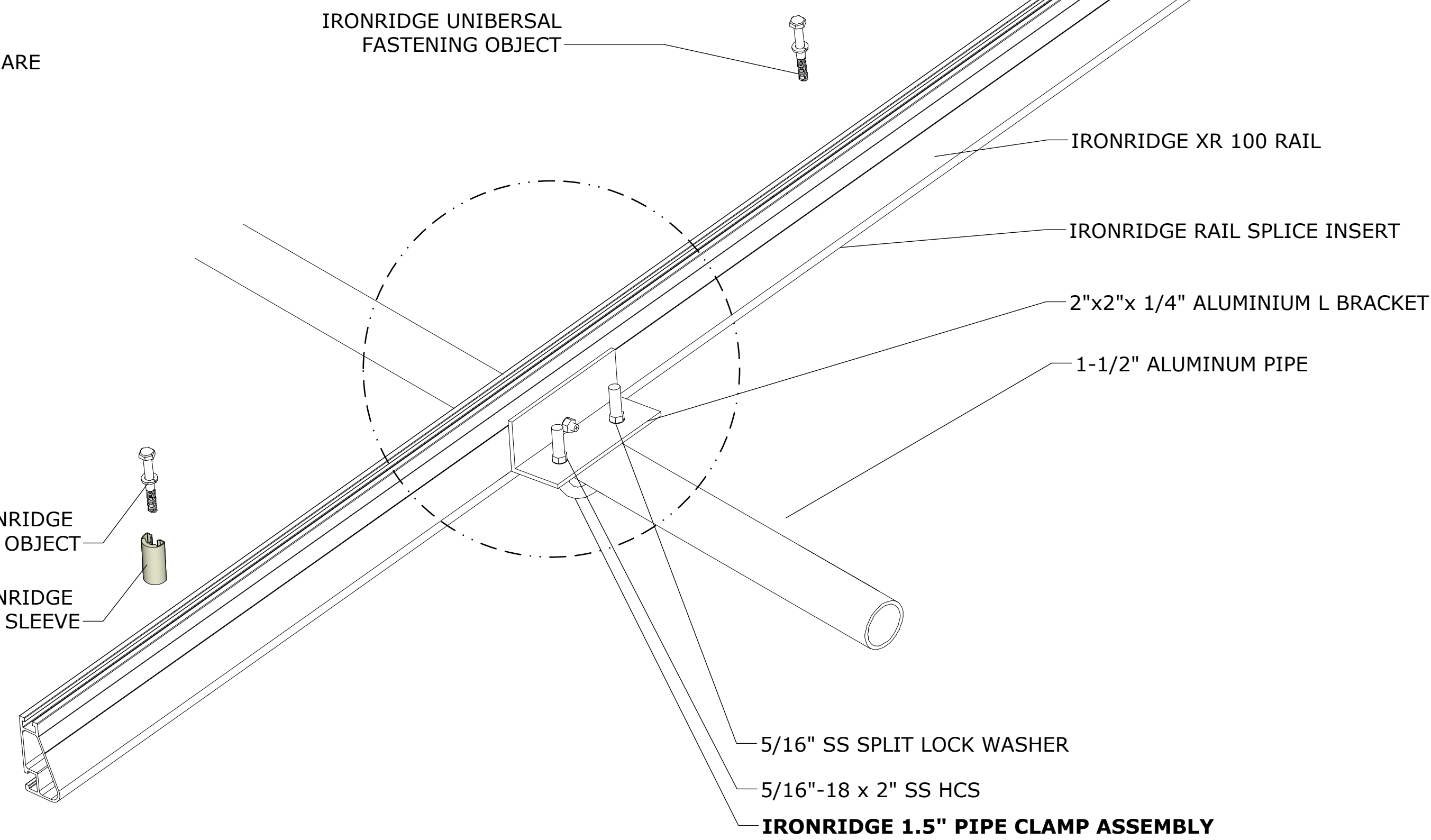
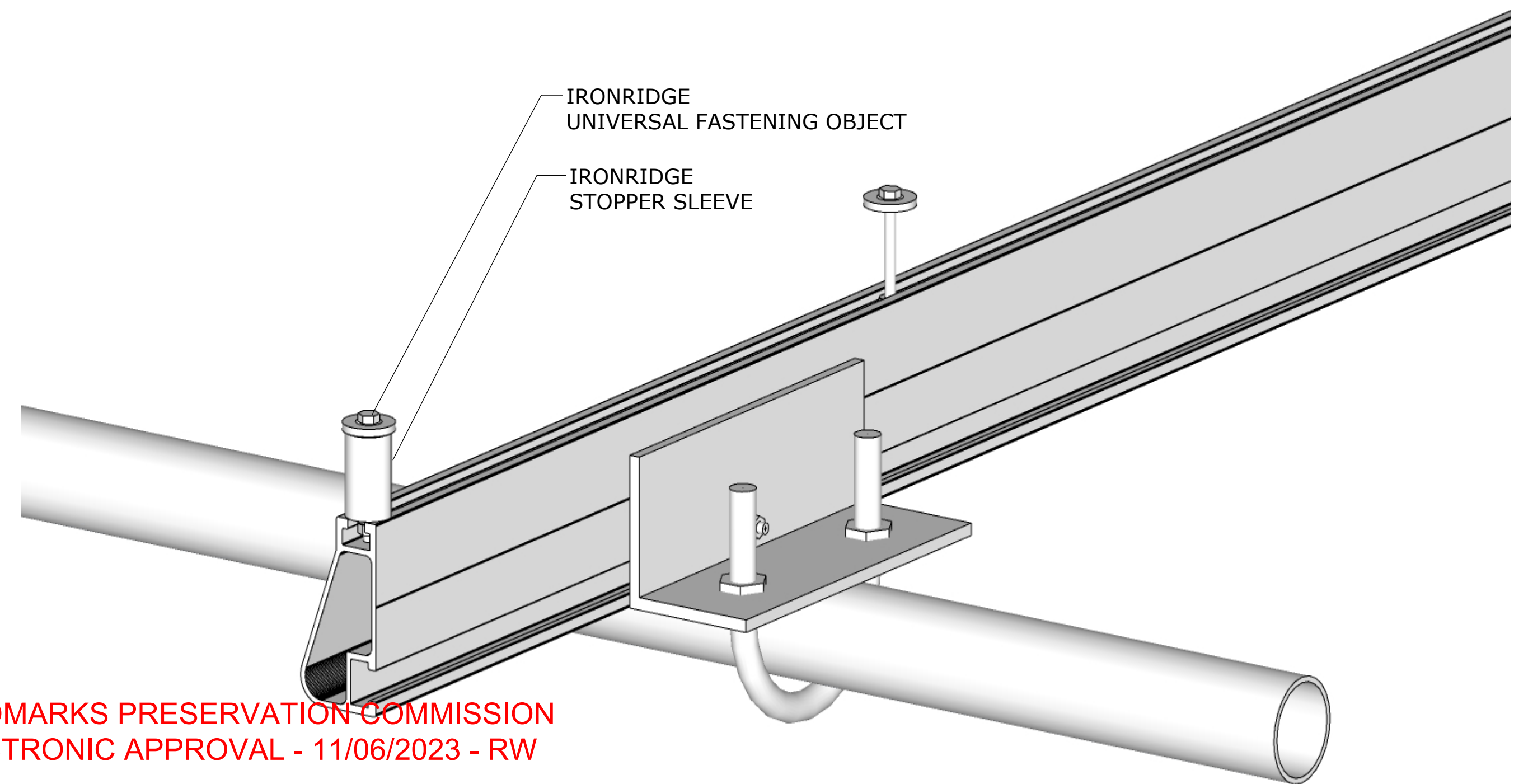
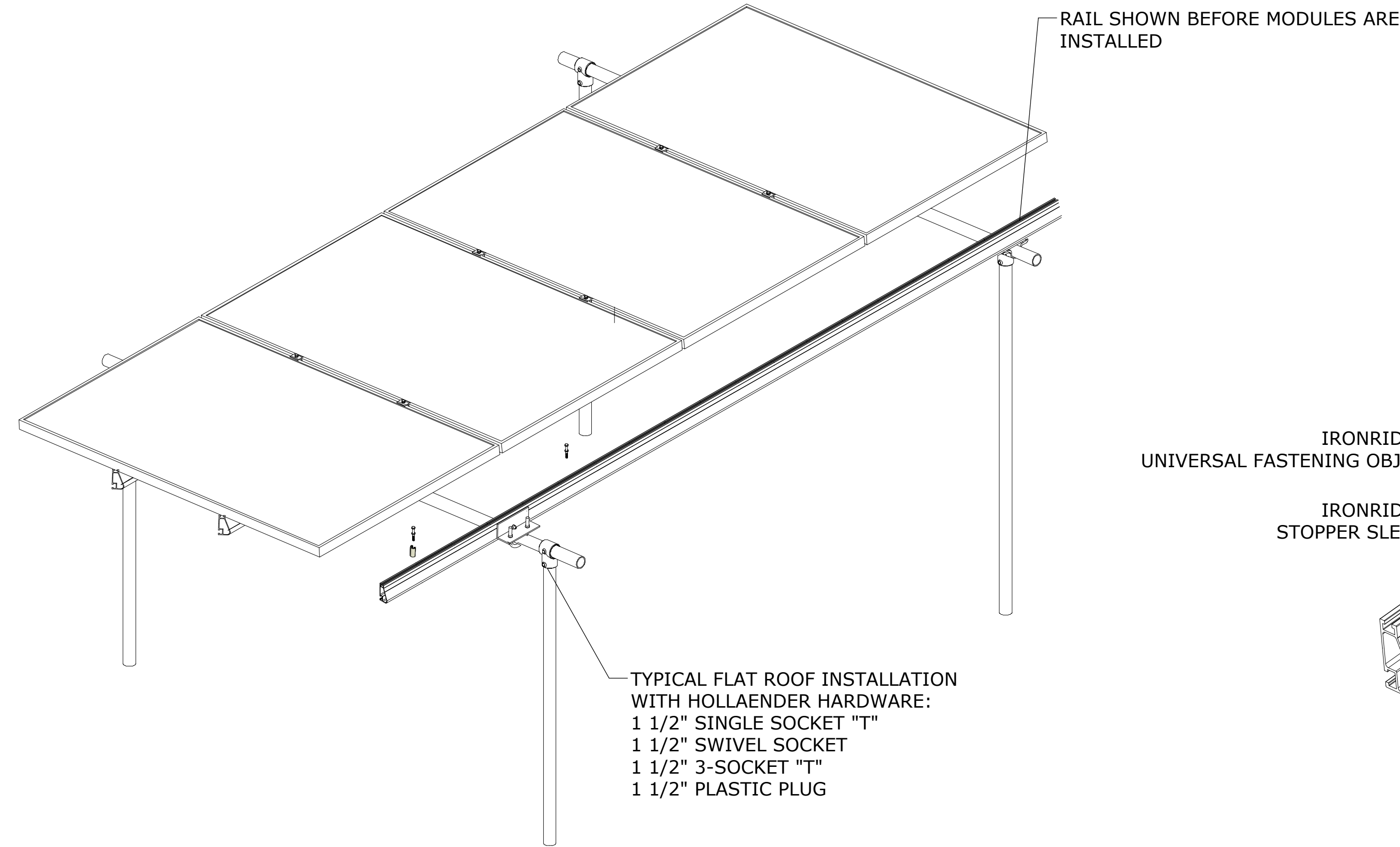
LICENSE# 089068

S-001.00

07 OF 8

IRONRIDGE RACKING SYSTEM :
FLAT ROOF MOUNTING DETAIL

NOTE:
• TORQUE ALL HOLLAENDER (OR EQUIVALENT) SET SCREWS TO 29 FT-LBS (348 IN-LBS) TORQUE
• TORQUE ALL 5/16" HARDWARE TO 10 FT-LBS (120 IN-LBS) TORQUE



S-002
1
RACKING STRUCTURE
SCALE NTS

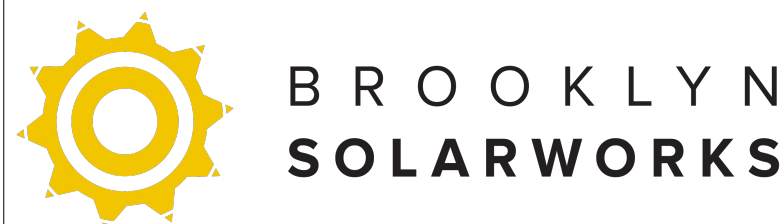
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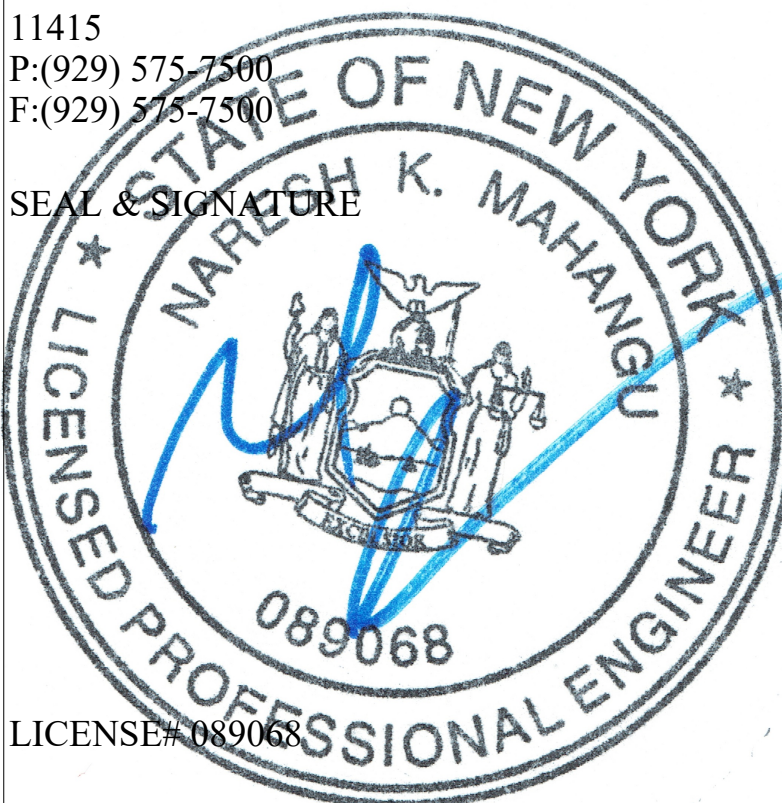
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08 OF 8

LANDMARKS PRESERVATION COMMISSION
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LANDMARKS PRESERVATION COMMISSION

ELECTRONIC APPROVAL - 11/06/2023 - RW



THE NEW YORK CITY LANDMARKS PRESERVATION COMMISSION
1 CENTRE STREET 9TH FLOOR NORTH NEW YORK NY 10007
TEL: 212 669-7700 FAX: 212 669-7780



PERMIT

CERTIFICATE OF NO EFFECT

ISSUE DATE: 11/06/23	EXPIRATION DATE: 11/6/2027	DOCKET #: LPC-24-03429	PERMIT #: CNE-24-03429
ADDRESS: 411 13TH STREET		BOROUGH: BROOKLYN	BLOCK/LOT: 1098 / 65
Park Slope Historic District Extension			

Display This Permit While Work Is In Progress

ISSUED TO:

Beth Berkowitz
411 13th Street
Brooklyn, NY 11215

Pursuant to Section 25-306 of the Administrative Code of the City of New York, the Landmarks Preservation Commission hereby approves certain alterations to the subject premises as proposed in your application completed on October 11, 2023.

The approved work consists of installing two (2) solar panel arrays at the roof, including one (1) array with a maximum height of 4'-9.5", setback 2'-3" from the south (13th Street) facade; and one (1) array with a maximum height of 5'-9.5", setback 1'-8.5" from the north (rear) facade; and installing one (1) wall-mounted AC disconnect box and conduit at the first floor of the north facade, as described and shown in a visibility study, dated (received) October 11, 2023; and drawings 001.00 through A-006.00, S-001.00, and S-002.00, dated October 2, 2023, and prepared by Naresh K. Mahangu, PE, all submitted as components of the application.

In reviewing this proposal, the Commission notes that the Park Slope Historic District Extension Designation Report describes 411 13th Street as an American Round Arch style factory designed by George W. Kenny and built c. 1902; and that the building's style, scale, materials, and details are among the features that contribute to the special architectural and historic character of the historic district.

With regard to this proposal, the Commission finds that the work is in accordance with the provisions set

LANDMARKS PRESERVATION COMMISSION

ELECTRONIC APPROVAL - 11/06/2023 - RW
forth in Title 63 of the Rules of the City of New York, Section 2-21 for installation of Heating, Ventilation, Air Conditioning and other Mechanical Equipment, including Section 2-21(e) for wall-mounted HVAC and other mechanical equipment; and Section 2-21(g)(3)(i, iv) for installation of solar panels on flat roofs. Based on these findings, the work is approved.

Please see Title 63 of the Rules of the City of New York for complete text of any cited Rule section(s):
<http://www1.nyc.gov/site/lpc/applications/rules-guides.page>

The Commission has reviewed the application and these drawings and finds that the work will have no effect on significant protected features of the building.

This permit is issued on the basis of the building and site conditions described in the application and disclosed during the review process. By accepting this permit, the applicant agrees to notify the Commission if the actual building or site conditions vary or if original or historic building fabric is discovered. The Commission reserves the right to amend or revoke this permit, upon written notice to the applicant, in the event that the actual building or site conditions are materially different from those described in the application or disclosed during the review process.

The approved documents, and Department of Buildings filing drawings where applicable, are marked as approved by the Commission, with the date of the approval indicated. The work is limited to what is contained in the approved documents and referenced in the approval. Other work or amendments to this filing must be reviewed and approved separately. The applicant is hereby put on notice that performing or maintaining any work not explicitly authorized by this permit may make the applicant liable for criminal and/or civil penalties, including imprisonment and fine. This letter constitutes the permit; a copy must be prominently displayed at the site while work is in progress. Please direct inquiries to Robert Watkins.



Sarah Carroll
Chair

PLEASE NOTE: APPROVED DOCUMENTS, DEPARTMENT OF BUILDINGS FILING DRAWINGS WHERE APPLICABLE, AND A COPY OF THIS PERMIT HAVE BEEN PROVIDED TO:

Allegra Miccio, Brooklyn SolarWorks

cc: Emma Waterloo, Deputy Director; Allegra Miccio, Brooklyn SolarWorks