

**City of Poughkeepsie
Historic District and Landmarks Preservation Commission
Meeting Agenda**

Common Council Chambers
Thursday, December 12, 2024
6:00 PM

I. ROLL CALL

II. APPROVAL OF MEETING MINUTES

1. Approve November 14, 2024 Minutes

III. PUBLIC HEARING FOR DESIGNATION NOMINATION

1. VASSAR WARNER HOME

52 South Hamilton Street

Owner: Vassar-Warner Home

Nomination Form Prepared By: Save Vassar-Warner

IV. APPLICATION FOR CERTIFICATE OF DESIGNATION NOMINATION

1. 10 SOUTH CLINTON STREET

Owner: Judith Green

Nomination Form Prepared by: Judith Green

V. APPLICATIONS FOR CERTIFICATE OF APPROPRIATENESS

1. 113 ACADEMY STREET

Applicant: Aneek Sindhir

Project: Install Solar Panels

2. 30 GARFIELD PLACE

Applicant: SFG/Construction/ Michael Williams

Project: Basement Window Replacement

3. 4 BALDING AVENUE

Applicant: Terreciena Brown
Project: Back deck extension

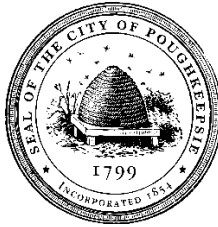
VI. COMMISSION BUSINESS

1. APPROVE 2025 MEETING DATES

VII. ADJOURNMENT

1. MEETING ADJOURNED TO JANUARY 9, 2025

Approved
Motion:
Second:
Carried:



City of Poughkeepsie
Historic District and Landmarks Preservation Commission
Meeting Minutes
Common Council Chambers
Thursday, November 14, 2024 6:00 PM
DRAFT

ATTENDANCE

Tim McQueen
Brian Hooper
John Bartelstone
Elisa Li
Thomas Parise
Kyle Neiswender

EXCUSED

Anthony LaRocca

STAFF

Tyler Maegerle, City Junior Planner
Lori Garcia, Board Administrative Assistant

I. ROLL CALL

II. APPROVAL OF MEETING MINUTES

Approval of October 12 Meeting Minutes
Motion: Brian Hooper
Second: John Bartelstone
Carried: 6:0:0

**III. NOMINATION FOR LOCAL LANDMARK DESIGNATION PUBLIC HEARING
CANCELLED**

1. VASSAR WARNER HOME

52 South Hamilton Street
Owner: Vassar-Warner Home
Nomination Form Prepared By: Save Vassar-Warner

Motion made to schedule new hearing date for December 12, 2024
Motion: Brian Hooper
Second: Elise Li
Carried: 6:0:0

IV. APPLICATIONS FOR CERTIFICATE OF APPROPRIATENESS

1. 106 ACADEMY STREET

Applicant: Theodore & Brenda Johnson
Project: New Stairs

Presenting: Brenda Johnson, Owner
David

Motion made to approve
Motion: Kyle Neiswender
Second: Brian Hooper
Carried: 6:0:0

2. 113 ACADEMY STREET

Applicant: Aneek Sindhir
Project: Install Solar Panels

Presenting: Adam Farrell, Intelligent Green Solutions
Nadia Biekowski

Returning in December with more options

V. COMMISSION BUSINESS

1. UPDATES ON BREAKOUT GROUPS

Following workgroups were discussed:

- External Equipment
- Fences, Landscaping and Mature tree removal
- Homeowner and General Public Education and Outreach
- Events to Highlight Historic District
- Material Substitutes
- Consultant/Contractor List

2. 2025 STATEWIDE CONFERENCE

Discussion regarding how to contribute to the conference and help promote it.

3. APPROVE 2025 MEETING DATES

Approval postponed to December meeting

VI. ADJOURNMENT

Adjourn meeting to December 12, 2024
Motion: Brian Hooper
Second: Thomas Parise
Carried: 6:0:0

For more details regarding the meeting, please visit the [Meeting Webcast](#) or the [Agendas and Minutes](#) page on the [City of Poughkeepsie](#) website.



CITY OF POUGHKEEPSIE, NEW YORK
BUILDING DEPARTMENT
(845) 451-4007
(845) 451-4006 (FAX)

HISTORIC DISTRICT & LANDMARKS NOMINATION FORM

LOCATION (For District nominations, attach list of all properties)

Street and Number: 52 S. Hamilton Street

NAME OF PROPERTY

Historic Name (if any): Old Ladies Home

Other Names (if any): Vassar-Warner Home

CLASSIFICATION

Ownership of Property	Category of Property
☒ Private	☒ Building(s)
Owner: <u>Vassar-Warner Home</u>	☐ District
Address: <u>same</u>	☐ Site
City: _____	☐ Structure
State/Zip: _____	☐ Object
☐ Public	
Owner: _____	
Address: _____	
City: _____	
State/Zip: _____	

FUNCTION OR USE

Historic Functions or Uses:

Independent and Assisted Living Facility for Women Seniors

Current Functions or Uses:

Independent and Assisted Living Facility for Seniors

NAME OF ARCHITECT (if known): 1898 Rear Addition by Corydon Wheeler

ATTACHMENTS

NARRATIVE DESCRIPTION: Describe the historic and current conditions of the property on one or more continuation sheets, and attach the sheets to the application.

MAPS: Please attach a map of the subject property or properties.

PHOTOGRAPHS: Please attach photographs of the property or properties.

Nomination Form

Page 2

Statement of Significance: Mark “X” in all of the applicable boxes below for the criteria qualifying the property for local register listing.

- ☒ Property is associated with events that have made a significant contribution to the broad patterns of our history.
- ☒ Property is associated with the lives of person significant in our past.
- ☒ Property embodies the distinctive characteristics of a type, period or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
- ☐ Property has yielded, or is likely to yield, information important in prehistory or history.
- ☒ Property is listed, or is eligible for listing, on the State and/or National Registers of Historic Places.

Narrative Statement of Significance: Explain the significance of the property, in terms of the boxes checked above, on one or more continuation sheets, and attach the sheet(s) to the application.

Bibliography: Cite any books, articles or other sources used in preparing this form on one or more continuation sheets, and attach the sheet(s) to the application.

Form Prepared by:

Name/Title: Applicant: Save Vassar-Warner

Organization: Richard J. Schuster, Chairman

Street: (Researched by: Holly Wahlberg, Historian)

City/State/Zip: _____

Telephone: 203-885-9285 richardjschuster@gmail.com

Date: October 1, 2024

HDLPC RECOMMENDATION

The HDLPC hereby certifies that this application ☐ does ☐ does not meet the criteria for designation as a local historic district, landmark or landmark site, and recommends approval of the application to the Common Council in accordance with the provisions of Section 19-4.5(3) of the Zoning Ordinance.

Motion: _____

Second: _____

Votes: _____

Ayes Nays Abstentions

Signature of Chairman

Date:

Vassar-Warner Home: 52 South Hamilton – Local Register Nomination (2024)

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Description:

Monumental Greek Revival-style structure; three stories plus raised basement; brick; classical pediment, entablature, and full-height Ionic columns; porches at each story; sandstone belt course; 6/6, 4/4 windows; double, glazed doors; similar turn of the century wing at rear by Corydon Wheeler. (description taken from the National Register of Historic Places listing for “South Hamilton Street Row,” 1982)

Significance Statement:

- Possesses special character or historic or aesthetic interest or value as part of the cultural, political, economic or social history of the locality, region, state, or nation
- Represents an established and familiar visual feature of the neighborhood
- Is identified with historic personages
- Embodies the distinguishing characteristics of an architectural style

Once a Boys Boarding School:

Vassar-Warner was built in 1835 as the second site of Dutchess County Academy, a prestigious private school for boys founded in 1791. By 1834, the school had outgrown its simple four room schoolhouse on the corner of Cannon and Academy Streets. A hilltop parcel on the village outskirts along S. Hamilton Street was purchased as the site for a new Greek Revival style school building whose stately presence and towering columns became the embodiment of the school’s well-respected classical curriculum.

But by the close of the Civil War, several of Dutchess County Academy’s key faculty members had died, and competition from public schools was steadily increasing. In 1869, the Academy closed its doors and sold its grand school building at auction for \$14,000. The Academy’s Board of Trustees then donated the entire \$14,000 to the construction of a new public high school and city library on Washington Street.

The “Old Ladies Home”:

The building’s new owner was Jonathan Rowland Warner, an elderly gentleman with a substantial fur trading fortune. With little more than a year to live, Warner decided to bestow some of his fortune on his childhood hometown by converting the old Dutchess County Academy into an “Old Ladies Home.” His generosity included \$25,000 for remodeling the old school building and an additional \$10,000 for the establishment of an endowment fund.

Despite ill-health, or perhaps because of it, Warner threw himself into the project. He died three months before the Home opened in 1871, but his efforts were remembered by a speaker at the Home’s opening ceremony who described Warner as “feeble in health, and with disease flooding his heart strings, sick, weary, fainting, unable to sit or walk; yet with an energy disease could not subdue, he seemed to recuperate by the mere force of will, and gave his personal supervision to all details...”

But Warner was by no means working alone. A small band of 20 local women had already been planning to establish what they referred to as an “Old Ladies Retreat.” Their leader was 57 year old quaker, Miss Alice M. Fowler of 137 Academy Street. By 1870, the women had achieved state approval for their new

non-profit venture and had even accepted the donation of a plot of land. But despite this success, Fowler's band of women could not raise enough capital to construct a building or establish an endowment without the help of a male philanthropist. Unable to continue moving forward, Alice Fowler turned to Jonathan Rowland Warner, someone she probably had met when her family had lived in Utica where Rowland had spent much of his life as a well-known hatter, fur trader and banker before returning in poor health to his native Poughkeepsie.

Perhaps Alice Fowler met with Warner at her home at 137 Academy Street or went to visit him at Poughkeepsie's Northern Hotel where Warner was a boarder – as was Fowler's cousin, Joseph Smart. But wherever they met, Fowler's entreaties for Warner's help had phenomenal impact. Warner agreed to purchase the grand but defunct Dutchess Academy building on S. Hamilton Street and pay for its transformation from a school into an "Old Ladies Retreat."

His generosity was conditional, however, on three things: only *protestant* indigent women were to be admitted, the facility would be overseen by an all male board of trustees and the community would have to raise enough money to match Warner's endowment fund. Over the following year, Fowler led a successful community fund drive, and the "Old Ladies Home" opened in 1871 with Fowler as the first president of the Home's "Board of Lady Managers." While the all male Board of Trustees saw to investing the endowment and maintaining the Home's exterior, the Lady Managers raised funds, furnished rooms and saw to the needs of residents.

Philanthropy and Expansion:

By 1897, the "Old Ladies Home" was fully occupied but with such a long waiting list that local philanthropist and cough drop manufacturer W. W. Smith approached the Board of Trustees with an offer to fund a rear addition of 27 new rooms. The addition, designed by Poughkeepsie architect Corydon Wheeler, was completed one year later in 1898, giving the building its present T-shaped configuration.

At a standing room only dedication ceremony for the new rear wing, Smith moved with simple modesty among those gathered – one reporter noting that a stranger observing the crowd would not even be able to recognize Smith as "the man of the hour." Residents of the Home shook his hand and simply said, "God bless you." By the time Smith died in 1913, he had contributed \$140,000 in cash and building improvements to the Home he referred to as the "Vestibule of Heaven."

A Special Sense of Place:

In 1974, the "Old Ladies Home" merged with another of Poughkeepsie's finest Victorian institutions, the "Home for Aged Men" founded by the Vassar family in 1881; and in 1986, these male seniors began sharing 52 S. Hamilton with female residents. With both sexes now under one institutional umbrella, a new name was needed for the facility. To recognize the original financial benefactors of both the men's home and the women's home (but unfortunately, not recognizing Alice Fowler), the building at 52 S. Hamilton was renamed, "Vassar-Warner Home."

Over the years, Poughkeepsie churches as well as individual donors provided furnishings for Vassar-Warner's parlors, bedrooms, dining room and infirmary. Residents themselves added to the facility's strong sense of character by bringing with them some of their own furnishings and unique treasures. This produced a distinctly non-institutional atmosphere, unusually rich in history and charm. In service

to the community for almost 8 generations, Vassar-Warner offered seniors the opposite of a cold “cookie cutter” medical/senior care environment. A warm, historic atmosphere of vintage charm became the Home’s signature feature along with an exterior of striking Greek-Revival style.

Summary:

The origins of Vassar-Warner illustrate the way in which 19th century women, with few opportunities outside marriage and child rearing, began building leadership skills through philanthropy – banding together to take care of each other, even when men controlled the financial resources necessary to build charitable institutions designed for the needs of women and children. When New York State women finally won the right to vote in 1917, jubilant suffragists made their way to the “Old Ladies Home” where they stood on the sidewalk and shouted, “In the Name of Our Grandmothers!” to the “old ladies” cheering and waving from the balcony above.

Vassar-Warner is also a distinguished Greek Revival architectural survivor from a period in the city’s history where little has survived. As a former private boarding school, this building also links us to the era when Poughkeepsie was renowned as the “city of schools” filled with educational institutions (almost all now demolished) that attracted numerous families and teachers throughout much of the 19th century. The building is associated with one of Poughkeepsie’s most important citizens, W. W. Smith who took a particularly keen interest in helping the “Old Ladies Home” expand and thrive. Once limited to helping protestant women only, Vassar-Warner’s evolution into a community anchor welcoming seniors of both sexes, all races and any religion or income level reflects 20th century progress toward social, racial and religious equality.

Bibliography:

“Death of Jonathan R. Warner” Syracuse Standard August 9, 1871; Poughkeepsie Telegraph August 12, 1871.

“Jonathan R. Warner’s Will” Daily Press August 19, 1871.

“Death of a Female Philanthropist” Evening Enterprise January 17, 1893; Eagle-News January 18, 1893.

“Alice M. Fowler, Prominent Friend” Eagle-News July 13, 1895.

Obituary: Alice M. Fowler Daily Eagle January 18, 1893.

“Miss Fowler Forms Association” Daily Eagle January 10, 1870.

“Old Ladies Home Opens” Telegraph November 8 and 11, 1871.

“Old Ladies Home Celebrates 65 Years” Star-Enterprise November 7, 1936.

“Comfortable Home Where Aged Ones Find Rest” News-Telegraph September 24, 1898.

“Breaking Ground – Addition to Old Ladies Home” Daily Eagle September 24, 1897.

“Silver Anniversary of Old Ladies Home” News-Telegraph November 7, 1896.

“Old Ladies Home” Courier July 22, 1894.

“Old Dutchess County Academy” Courier April 24, 1892; December 24, 1876, January 7, 1877; January 14, 1877, January 21, 1877,

“Old Ladies Home” Dutchess Farmer December 27, 1870.

“Old Ladies Home” Eagle January 12, 1870.

“Dutchess Academy Sold at Auction” Telegraph March 19, 1870.

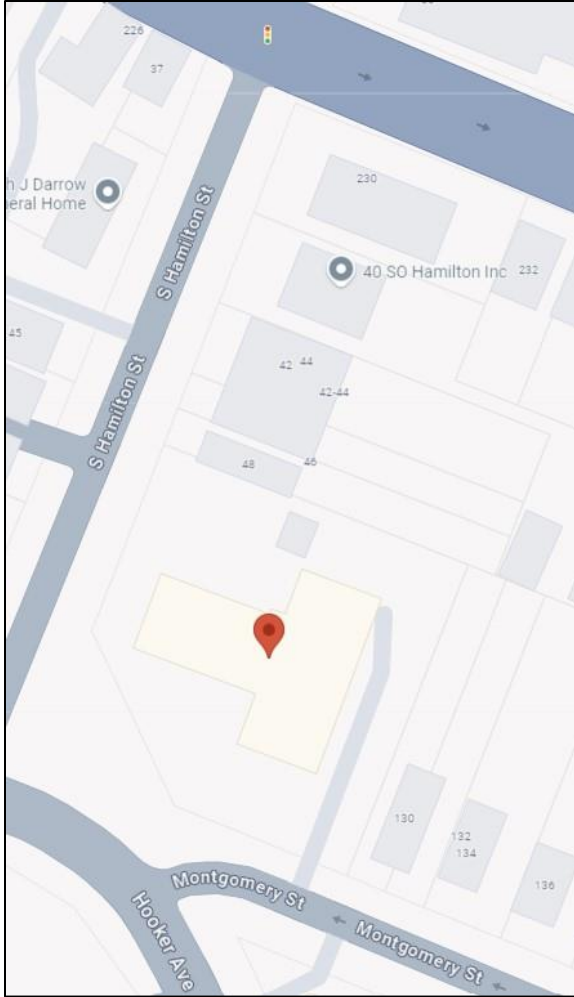
“Old Ladies Home Dedicated” Telegraph November 11, 1871.

“Old Ladies Home Anniversary” Daily Eagle October 29, 1879, October 30, 1879.

“Cemetery Plot Purchased” Daily Eagle November 2, 1883.

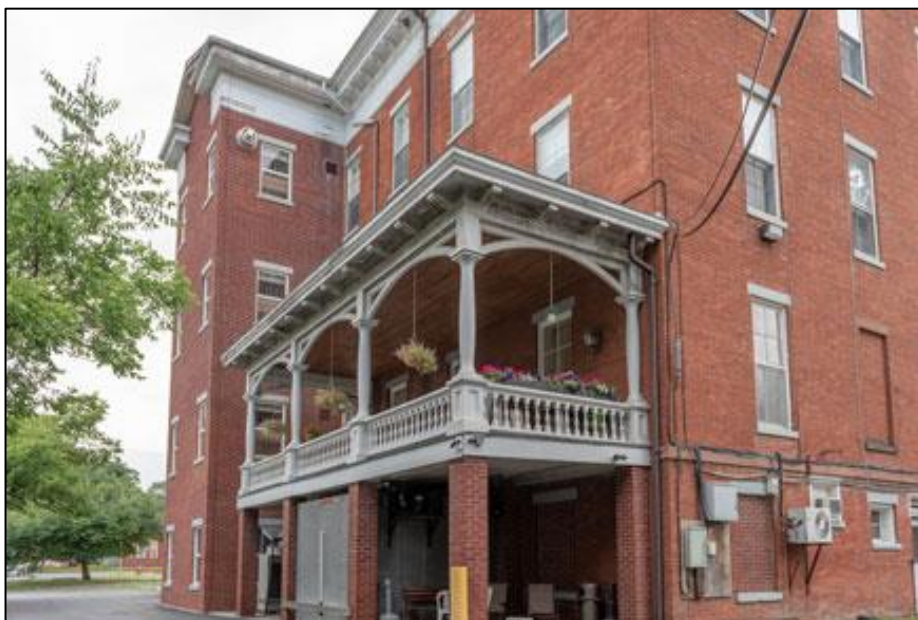
“Annual Report, Old Ladies Home” Daily Eagle December 31, 1884; Daily Eagle January 25, 1893.

"Facts about the Old Ladies Home" Daily Eagle January 16, 1886.
 "Flag Walk Installed and Fence Removed" Daily Eagle April 26, 1889; November 10, 1896.
 "To Be Enlarged" Daily Eagle April 1, 1892; April 7, 1892.
 "A Magnificent Gift from W. W. Smith" Daily Eagle May 22, 1894; June 18, 1897; July 3, 1897; March 30, 1898; September 14, 1898; September 21, 1898; November 17, 1898; December 7, 1898; November 26, 1898; Courier September 25, 1898; News- Telegraph March 19, 1898; News-Press September 21, 1898; Daily Eagle September 21, 1898; February 4, 1903 Daily Eagle; Evening Enterprise February 6 and 10, 1906; Courier August 13, 1911; Daily Eagle August 9, 1911.
 "Rooms Furnished" News-Telegraph October 1, 1898; November 12, 1898; Daily Eagle February 5, 1903.
 "Old Ladies Home Does Not Want Fountain in Trinity Square" New-Telegraph November 11, 1899; Daily Eagle November 22 and 29, 1899.
 "26th Anniversary of Old Ladies Home: Daily Eagle November 11, 1897.
 "Old Ladies Fair and Anniversary" Daily Eagle November 16, 1899; November 22, 1900; News -Telegraph November 16, 1901; Daily Eagle November 9 and 14, 1901; Daily Eagle November 13, 1902; Daily Eagle November 12, 1903; October 30, 1907 Evening Enterprise; Daily Eagle November 15, 1917.
 "Heat for the Old Ladies Home" Daily Eagle December 17 and 23, 1897.
 "A Pleasant Occasion: Entertaining the Old Ladies" Daily Eagle February 16, 1898.
 "Old Ladies Home Sidewalk" News-Telegraph February 26, 1898.
 "Old Ladies Home Infirmary" Daily Eagle October 18, 1898.
 "Lawn Party and Sail for Old Ladies" News-Telegraph June 9, 1900.
 "Funds Needed for Old Ladies Home" Courier February 3, 1901.
 "Smith Has Dinner at Old Ladies Home" Daily Eagle June 13, 1902.
 "Old Ladies Home an Attractive Spot" Daily Eagle September 6, 1904.
 "Treasurer's Report for Old Ladies Home" News-Press November 6, 1908.
 "Annual Report of Old Ladies Home" Daily Eagle November 8, 1913; November 11, 1916.
 "Suffrage Parade Stops at Old Ladies Home" News-Telegraph July 12, 1913.
 "Many Gifts for Old Ladies Home" Eagle-News November 16, 1920.
 "Hanging of Portrait of Vassar" Courier May 10, 1931.
 "Poughkeepsie Old Ladies Home" Courier December 7, 1941.
 "Old Ladies Home Brightened through Remodeling Projects" Poughkeepsie Journal August 21, 1960.
 "Old Ladies Home Keeps Name" Poughkeepsie Journal January 23, 1966.
 "The Old Ladies Home: 100 Years of Service" Poughkeepsie Journal October 10, 1971.
 "Renovations Show Commitment to City" Poughkeepsie Journal May 3, 1995.
 "Closure Announced" Poughkeepsie Journal September 6, 7, 8, 11, 20, 28, 2001; October 12, 13, 17, 2001.
 "Seniors' Facility to Stay Open" Poughkeepsie Journal October 18 and 20, 2001.



Map: 52 S. Hamilton, Vassar Warner Home

Front West Facade



Rear East Facade

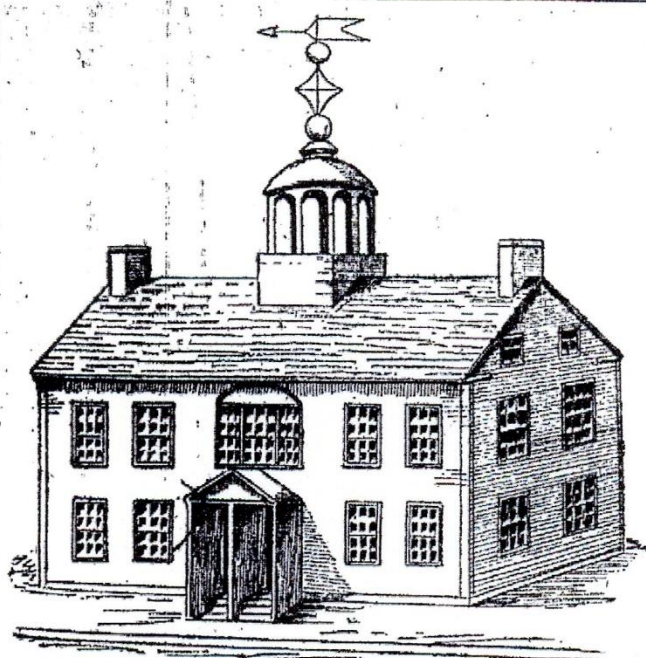


North Façade

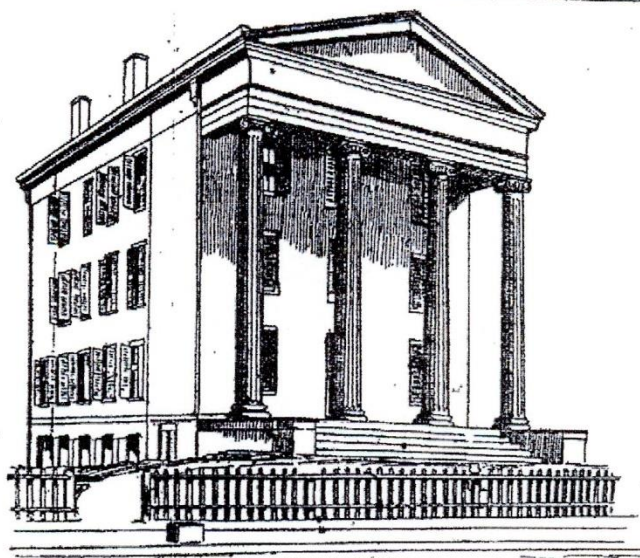


South Façade

1791 and 1835 views of Dutchess County Academy



**THE OLD ACADEMY, ERECTED ON THE CORNER OF
ACADEMY AND CANNON STREETS**



**THE NEW ACADEMY, (NOW OLD LADIES' HOME),
CORNER MONTCOMERY AND SOUTH
HAMILTON STREETS.**



Vassar-Warner Home by Nestor Madalengoitia 2003



CITY OF POUGHKEEPSIE, NEW YORK
BUILDING DEPARTMENT
(845) 451-4007
(845) 451-4006 (FAX)

HISTORIC DISTRICT & LANDMARKS NOMINATION FORM

LOCATION (For District nominations, attach list of all properties)

Street and Number: 10 SOUTH CLINTON STREET - ORIGINALLY # 8

NAME OF PROPERTY

Historic Name (if any): _____

Other Names (if any): _____

CLASSIFICATION

Ownership of Property

☐ Private

Owner: JUDITH A. GREEN

Address: 10 S. CLINTON ST.

City: POUGHKEEPSIE

State/Zip: NY 12601

☐ Public

Owner: _____

Address: _____

City: _____

State/Zip: _____

Category of Property

☐ Building(s)

☐ District

☐ Site

☒ Structure

☐ Object

FUNCTION OR USE

Historic Functions or Uses:

Built in 1862 10 S. Clinton St. is one of the
last remaining brick row structures in the
city built by the distinguished master builder
Elias Spross

Current Functions or Uses:

Private Residence

NAME OF ARCHITECT (if known):

Elias Spross ? Builder

ATTACHMENTS

NARRATIVE DESCRIPTION: Describe the historic and current conditions of the property on one or more continuation sheets, and attach the sheets to the application.

MAPS: Please attach a map of the subject property or properties.

PHOTOGRAPHS: Please attach photographs of the property or properties.

Nomination Form

Page 2

Statement of Significance: Mark "X" in all of the applicable boxes below for the criteria qualifying the property for local register listing.

- ☒ Property is associated with events that have made a significant contribution to the broad patterns of our history.
- ☒ Property is associated with the lives of person significant in our past.
- ☒ Property embodies the distinctive characteristics of a type, period or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
- ☒ Property has yielded, or is likely to yield, information important in prehistory or history.
- ☒ Property is listed, or is eligible for listing, on the State and/or National Registers of Historic Places. *currently pursuing the possibility*

Narrative Statement of Significance: Explain the significance of the property, in terms of the boxes checked above, on one or more continuation sheets, and attach the sheet(s) to the application.

Bibliography: Cite any books, articles or other sources used in preparing this form on one or more continuation sheets, and attach the sheet(s) to the application.

Form Prepared by:

Name/Title: JUDITH GREEN

Organization: _____

Street: 10 S. Clinton Street

City/State/Zip: Poughkeepsie NY 12601

Telephone: 845 454 3859

Date: November 12, 2024

HDLPC RECOMMENDATION

The HDLPC hereby certifies that this application ☐ does ☐ does not meet the criteria for designation as a local historic district, landmark or landmark site, and recommends approval of the application to the Common Council in accordance with the provisions of Section 19-4.5(3) of the Zoning Ordinance.

Motion: _____

Second: _____

Votes: _____

Ayes Nays Abstentions

Signature of Chairman _____

Date: _____

Narrative Description

The 1862 brick structure at 10 S. Clinton Street (formerly #8) has a peaked slate roof (35' L x 20' W) covering the four floors on the East side and a flat roof (10' L x 20' W) that covers the West side back section of the first three floors.

The interior space of the four floors measures 3,200 sq. ft..

There is a (10' L x 4' W) wood overhang extension on the north side of the third floor.

There are two, three chamber chimneys, one located in the middle of the slate roof and the other aligned with the first at the back of the flat roof.

There are thirty-four windows throughout the four floors, all original, the majority double sash with four panes of glass.

Two oriel windows with three double sash casings and four panes each are located on the 1st. and 2nd. floors.

Two dormer windows and one round window on the fourth floor.

The main entrance on the 2nd. floor has a glass panel above the door and a beveled plate glass window on the upper half of the door.

The two entrances on the 1st. floor have multiple glass panes on the upper portions of the doors.

The main entrance is accessed by a (25' L x 6' W) L shaped porch with a two room shed beneath the South side section of the porch.

Narrative Description (2)

Vestiges of historic conditions of the property include cemented areas on the exterior brick on the 4th. floor that indicate the removal of support structures that suggest the former existence of a small balcony accessed by a ten window pane door, currently a wood banister with balusters as a barrier.

There are cemented areas on each side of a stone mantel over the north side 1st. floor entrance indicating a roof structure once existed. A (21' L x 9' W) concrete slab at the west side entrance suggests an enclosed area or back porch existed.

The 1st. floor has a north side main entrance into a small landing at the bottom of a two tier stairwell that leads to 2nd. and 3rd. floor hallways.

A second entrance at the west side back is an entrance into a room with an oil tank and furnace. The house is heated by a cast iron radiator system.

The 1st. floor has three rooms and a full bath, two closets and a storage area under the front porch northeast section.

The west room has a large brick opening at the base of the chimney that contains a wood burning stove.

There is a stone mantel with an ornate metal grate in the middle room.

An oriel window on the South wall and a wide board pine floor.

Narrative Description (3)

The third room has two windows on the North side, a door on the east wall that enters the storage area under the porch and a wide board pine floor.

The 2nd floor entrance opens into a hallway with an inset maple and oak floor with a curved staircase at the mid point that leads to the 3rd floor and a north side doorway at the end of the hall that enters the back stairwell.

The Southerly hallway wall has an entrance into both the front and middle room; an adjoining third room is the only equipped and functional kitchen currently. A full bath is located to the Northeast adjacent to the kitchen. There are two windows, a closet and a narrow board pine floor.

There is a marble mantel with an ornate grate on the west wall.

There are two additional marble mantels on either side of the center chimney on the middle and front rooms.

The floors in these two rooms are wide board pine.

The middle room has an oriel window and a pocket door, with two sliding panels with etched glass in the upper portion of the doors, between the kitchen and the middle room.

Narrative Description (4)

The front room has two windows

Elaborate plaster ogee moldings encase the upper portion of the walls and ceiling edges with ornate medallions encircling the ceiling light fixtures in all three rooms.

Detailed carpentry with multi-layered baseboard woodwork and window casings exist throughout the house.

The 3rd floor hall has a west window and three doors a south side entrance into four rooms, a door entering a full bath and another into a pantry. The bath and pantry have tin ceilings

The west room has two windows and a narrow board pine floor

The middle room entered through a large archway has a tin ceiling

A short hall on the north side of the room has a door that opens to a curved stair-case leading to the 4th. floor.

The front room has a carved wood mantel, on the west wall, that encases a large mirror.

A large archway enters into a smaller room on the northeast side of the connecting rooms. The west wall has a walk-in closet. There are four windows on the ~~East~~ side of these two rooms. All three rooms have wide board pine floors.

Narrative Description (5)

The 4th floor has two rooms and a half bath, sloped ceilings, two dormer windows, wide, board pine floors, a west side window with easy access to the back flat roof, two small closets, a round window on the north side stairwell and the multi-pane glass paneled door on the East side.

Current conditions are Structural Sound with some carpentry work needed on the front porch. Extensive plaster work due to roof leaks that have recently been repaired. The pending plaster repairs necessitate the clearing out of three floors that have been used for storage of work related supplies for a painting business, furniture and an accumulation of art works for the past forty years. The clearing out of these areas is proceeding and the plaster work should begin soon.

There is also exterior and interior painting and landscaping to be scheduled this fall and in the Spring.

Statement of Significance

The brick row structure at 10 S. Clinton Street is the work of one of Poughkeepsie's most important 19th. Century builders Elias Spross.

Elias Spross specialized in brick construction and was one of the chief builders of the Hudson River State Hospital Complex.

Elias Spross and his colleagues carpenters Andrew Sperbeck and Griffen Whipple built the five brick row structures on South Clinton Street for their families. (1913 map attached)

Andrew Sperbeck lived at 10 S. Clinton Street (formally #8) one of the few remaining examples of Spross's exceptional constructions built during the 19th. Century in the city of Poughkeepsie.

Due to the high incidence of Cholera and dysentery during the late 1800's Elias Spross and his partner Andrew Sperbeck were among the first in the city to build a private sewer line between Reservoir Square and Main Street. (1901 Poughkeepsie Eagle News article attached)

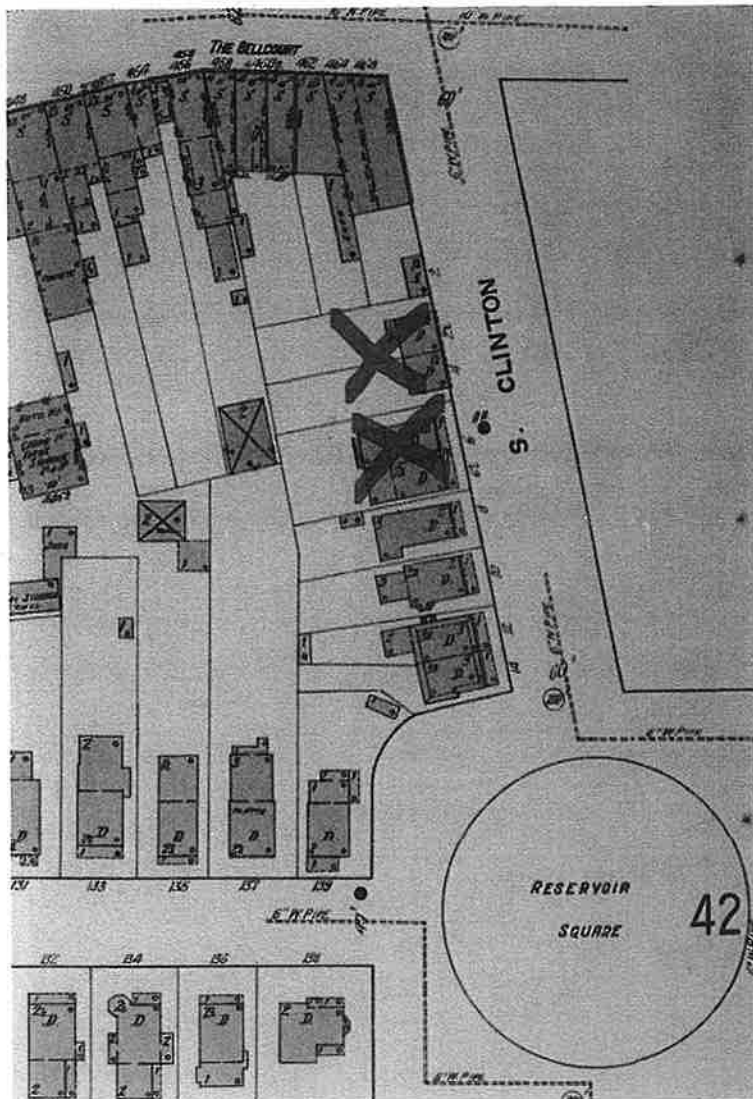
Elias Spross was a master builder who excelled at his craft. The artistic attention to detail and fine workmanship is evident throughout the 10 S. Clinton Street structure.

Statement of Significance (2)

The City of Poughkeepsie's grand architectural history is abundantly evident in the unique structure built by the distinguished master builder Elias Spruss at 10 S. Clinton Street.

Bibliography

D.C. Department of Records
Adriance Library Archives
Adriance Library District Historian Shannon Butler
Local Historian Holly Wahlberg
D.C. Historian William Tatum PhD
Joseph Chenier Engineer DPW City of Poughkeepsie
Poughkeepsie Journal Archives

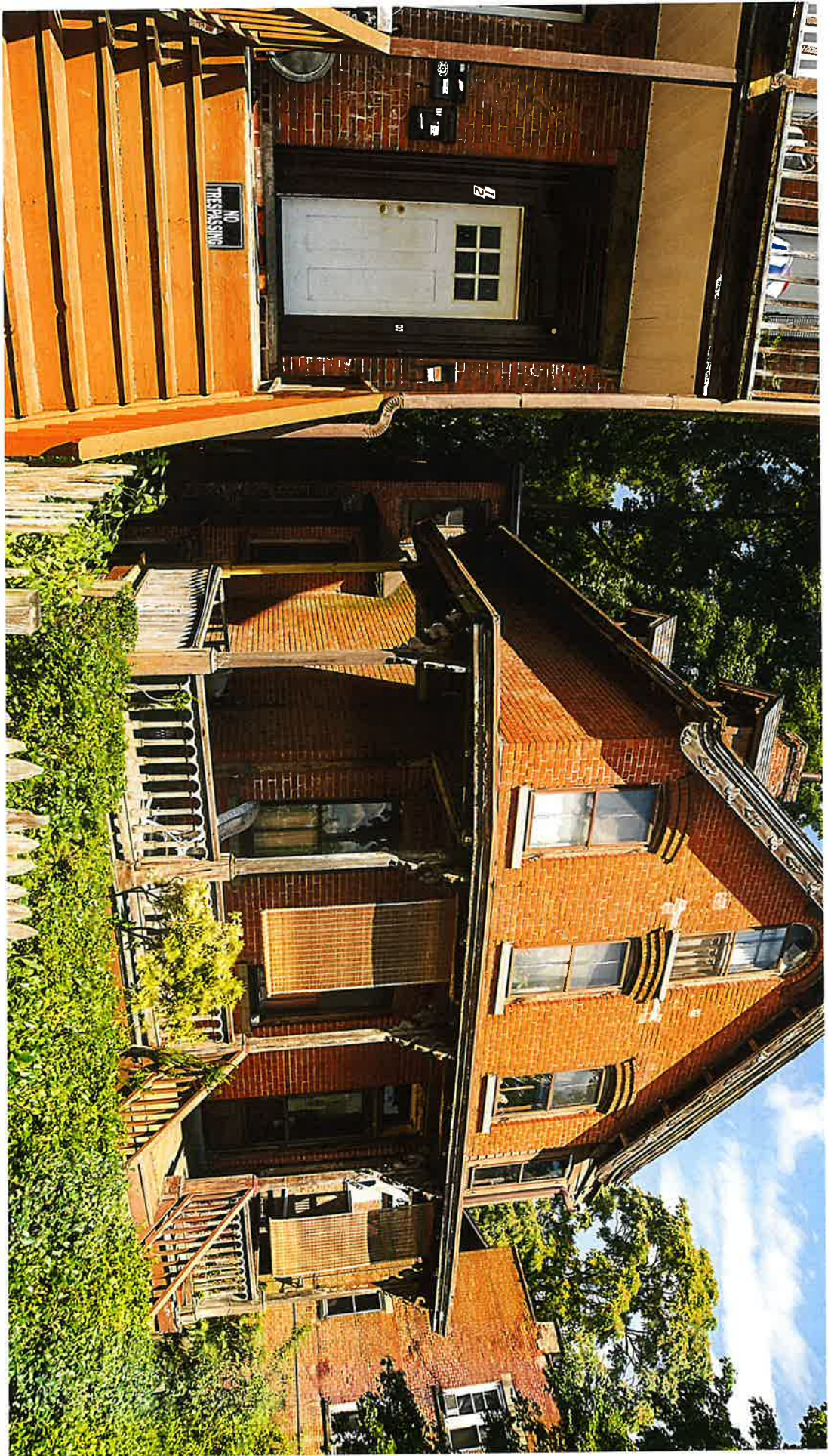


1913 Sanborn Fire Insurance Map. Green X's shows demolition of brick residential structures.

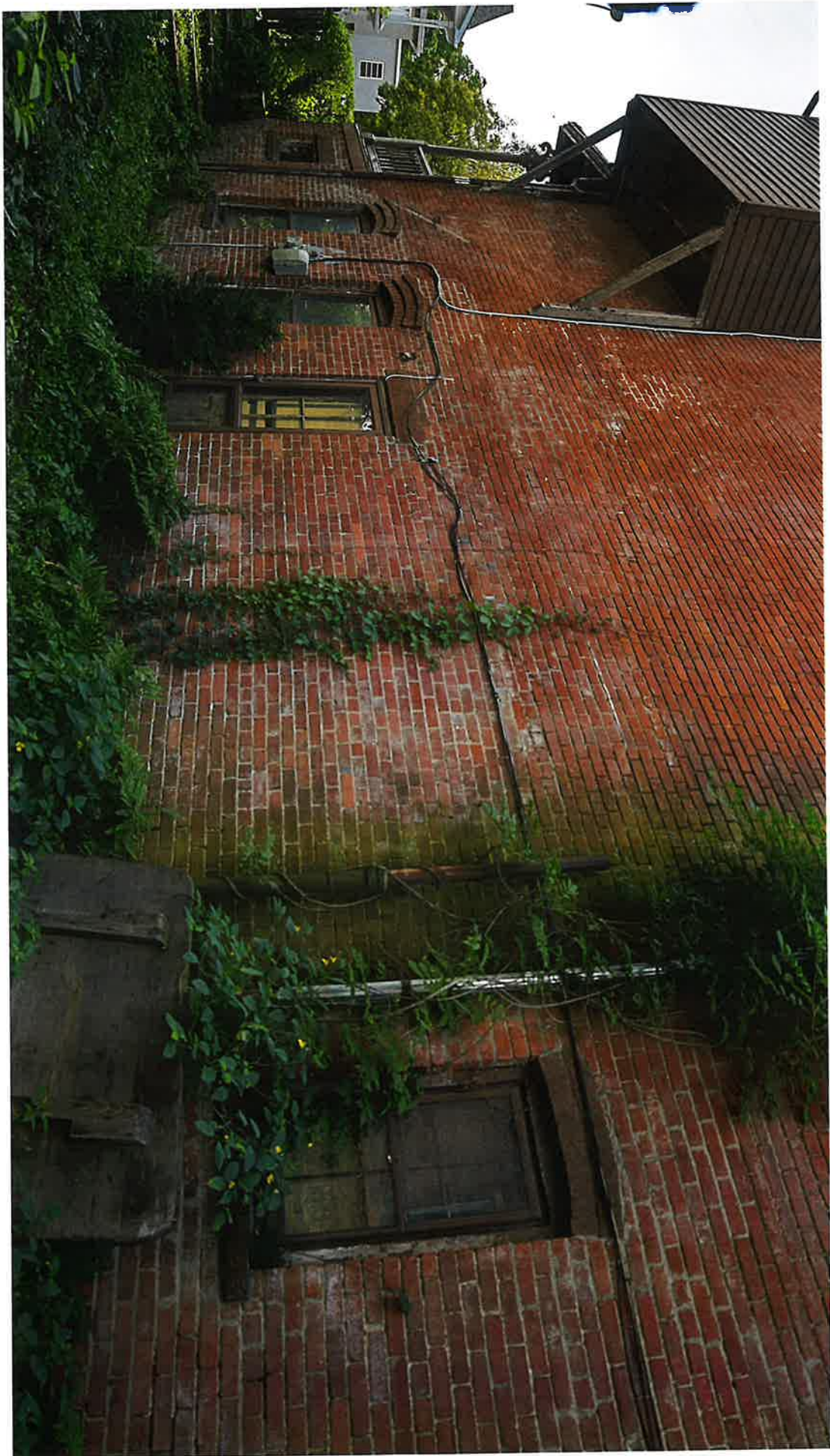
Mr. Elias Spross appeared before the board relative to a private sewer of his on South Clinton Street, from Main Street to Reservoir Square. In 1876 the board of Poughkeepsie allowed Mr. Spross and his partner, Mr. Sper-son, to construct a private sewer on the above-named thoroughfare, with the understanding that it would be ac-quired by the city later on and the contractors of the sewer reimbursed for the building of the sewer. Several people now want to connect with this sewer, and Mr. Spross wants the mat-ter settled as to whether he shall col-lect from them or whether the city will take the sewer off his hands.

September 4, 1901 Poughkeepsie Eagle News (Spross appearing before the Board of Public Works (DPW))













THE CITY OF POUGHKEEPSIE NEW YORK

BUILDING DEPARTMENT

62 CIVIC CENTER PLAZA, POUGHKEEPSIE, NY
12602 Phone: (845) 451-4263 Fax: (845) 451-4006

Office Use Only
Application # ID#

PD 2004 NE

HISTORIC DISTRICT AND LANDMARKS PRESERVATION COMMISSION APPLICATION

(Type or print neatly. Illegible applications will not be accepted.)

Project Address: 113 Academy St, Poughkeepsie, NY 12601

Applicant Name: Aneek Sindhr

Applicant's Address: 1143 Dryden Road

City: Ithaca State: NY Zip: 14850

Phone Number(s): 6072169439 Email: aneek.s@intelligentgreensolutions.com

Property Owner (if not the applicant): Fiona Woods
(If applicant is not the property owner, a letter of authorization from the owner **MUST** accompany the application.)

PROJECT CLASSIFICATION (Check all boxes that apply to the proposed project):

- ☐ New construction (construction of a new building, addition, garage, shed, swimming pool, etc.)
- ☐ Exterior alteration (includes, but is not limited to, all exterior changes to windows, doors, roof, paint colors, etc.)
- ☐ Landscaping (removing or adding significant plantings or landscape features such as driveways, sidewalks, fencing, retaining walls, patios, etc., that will alter the appearance of the property)
- ☐ Repair or replacement
- ☐ Restoration (railings, balconies, cornices, porches, etc.)
- ☐ Relocation
- ☐ Demolition
- ☒ Other: Solar PV Installation on Roof

WORK DESCRIPTION: Describe in detail all proposed work and indicate all materials to be used. Attach additional sheets as necessary.

Solar PV Installation on Roof

REQUIRED ATTACHMENTS TO SUBMIT WITH THE APPLICATION (Submit "hard" copies of the following attachments. Each page must be labeled and dated):

- ✓ **Recent Color Photos:** Include photos of each side of the building and site when landscaping changes are proposed.
- ✓ **Color chips, charts or color samples:** Describe both existing color(s) and proposed color(s). Include details regarding color placement and paint chips with the manufacturer's name and color number.
- ✓ **Material Samples/Manufacturer's Brochures:** Material samples (when practical) and/or manufacturer's brochures, product literature or catalog pages.
- ✓ **Plot Plan:** A plot plan (drawn to scale, indicating property lines, existing structures and/or landscaping) must be included for new construction, additions, demolition, fencing and major landscaping projects and any proposed changes.
- ✓ **Elevation drawings for new constructions/additions:** Drawings at a scale necessary to show building detail. Elevations should be accurately labeled with cardinal directions and showing the relationship between new and old structures.

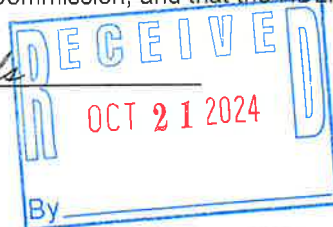
A DIGITAL COPY OF THE ENTIRE SUBMISSION IS REQUIRED.

OWNER/APPLICANT CERTIFICATION:

I hereby certify this application will not be reviewed until all required information has been submitted. I understand that this application may require a site visit and/or public hearing by the Historic District and Landmarks Preservation Commission, and that the HDLPC may request additional information.

Fiona Woods
Signature of Owner

Date: 9.30.24



Aneek Sindhr
Signature of Agent/Applicant

Date: 9/30/2024

OFFICE USE ONLY

- ☒ Application requires approval by the HDLPC, pursuant to the provisions of Section 19-4.5(5)
- ☐ Application does not require approval by the HDLPC, pursuant to the provisions of Section 19-4.5(13)(a)
- ☐ Work will require issuance of a building permit, pursuant to the provisions of Section 19-7.2
- ☐ Work will not require issuance of a building permit, pursuant to the provisions of Section 19-7.2

Eric Philipp
Building Inspector/Zoning Administrator

10-22-24
Date

9/30/2024

The City of Poughkeepsie

Building Department

62 Civic Center Plaza

Poughkeepsie, NY 12602



Subject: **Letter of Authorization for Application Submission**

Dear Sir/Madam,

I, Fiona Woods, the owner of the property located at 113 Academy St, Poughkeepsie, NY 12601, hereby authorize Aneek Sindhr of Intelligent Green Solutions LLC, to act as my representative in all matters pertaining to the submission of the application to the **Historic District and Landmarks Preservation Commission** for the property at the above-mentioned address.

This authorization includes signing and submitting any necessary forms, applications, and documents required by the City of Poughkeepsie Building Department on my behalf.

Should you have any questions regarding this authorization, please feel free to contact me at 914-804-8466 or emmett.woods@outlook.com.

Thank you for your assistance.

Sincerely,

Fiona Woods

Fiona Woods

113 Academy St,

Poughkeepsie, NY 12601

914-804-8466

emmett.woods@outlook.com

City of Poughkeepsie
62 Civic Center Plaza
Poughkeepsie, NY 12601

Subject: Calculations Cover Letter

Dear Sir/Madam

The attached calculations were completed for the photovoltaic system at 113 Academy St,
Poughkeepsie, NY 12601.

These detailed calculations on the following pages ensure that Solar PV Design meets all structural requirements; and that the structure provides adequate support for PV panel loads, with wind and snow load taken into account.

Thank you and kind regards,

Dawid P



Encl: Site Data
 Wind Load Analysis
 Roof Load Analysis

Roof Load Analysis

As-Built Roof without solar panels

Roof and truss system		1.00 psf	
Collateral Load	+	8.00 psf	
		9.00 psf	non-projected load
Roof slope	÷	cos(30°)	
		9.32 psf	projected load
Snow Load for 30°	+	28.00 psf	
Live load	+	20.00 psf	
Total load		57.32 psf	

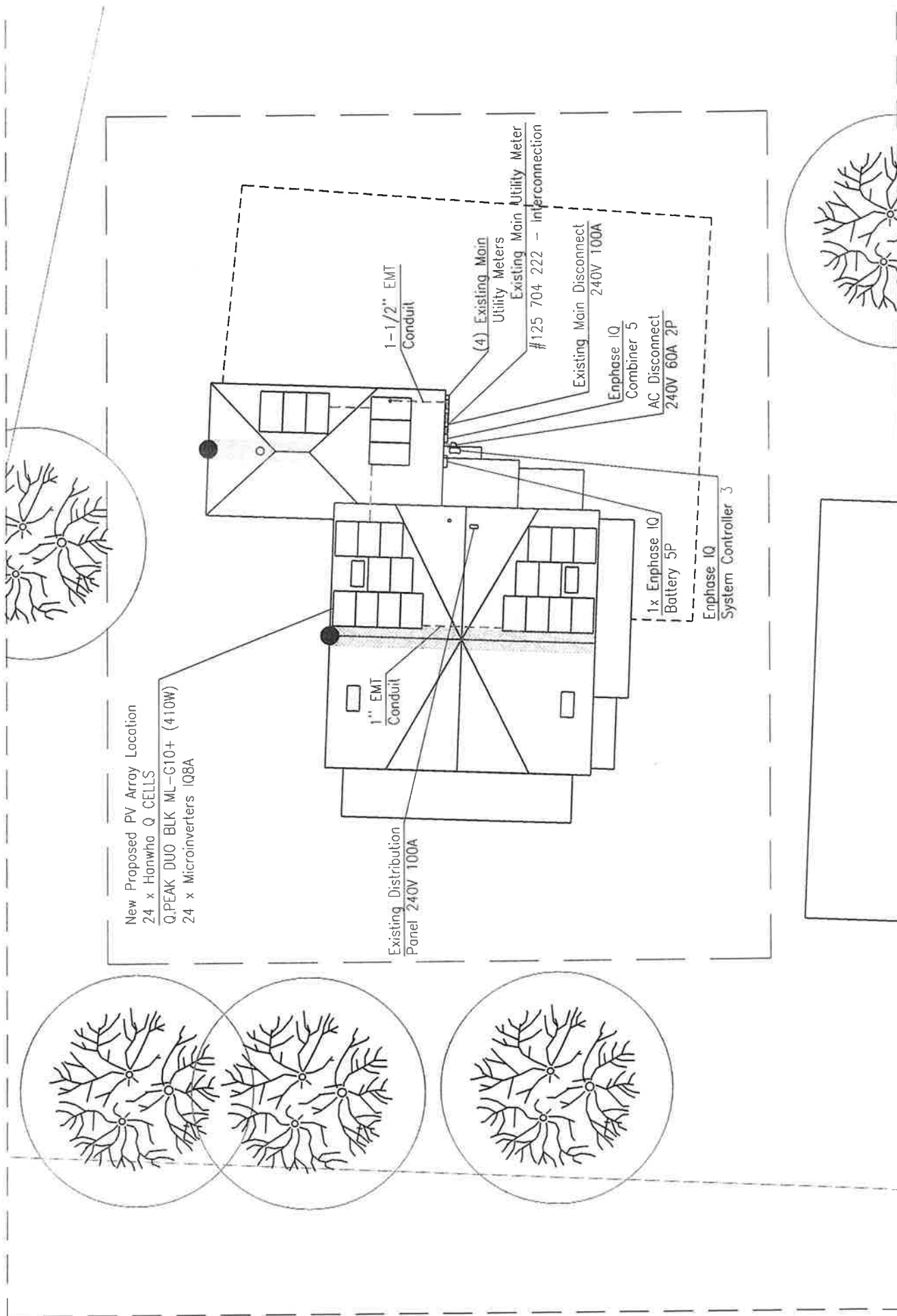
As-Built Roof with solar panels

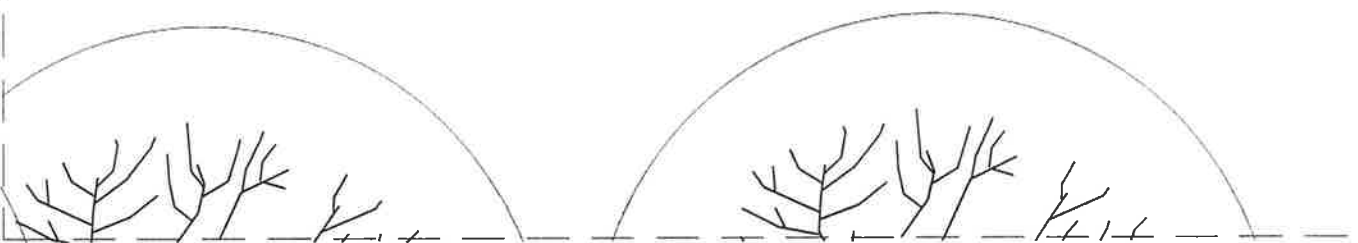
Roof and truss system		1.00 psf	
Collateral Load		8.00 psf	
Solar Panels	+	2.65 psf	
		11.65 psf	non-projected load
Roof slope	÷	cos(30°)	
		12.06 psf	projected load
Projected load		12.06 psf	
Snow Load for 30°	+	28.00 psf	
Live load	+	0.00 psf	solar dead load replaces live load
Total load		40.06 psf	

Decrease of 17.25 psf from original total load



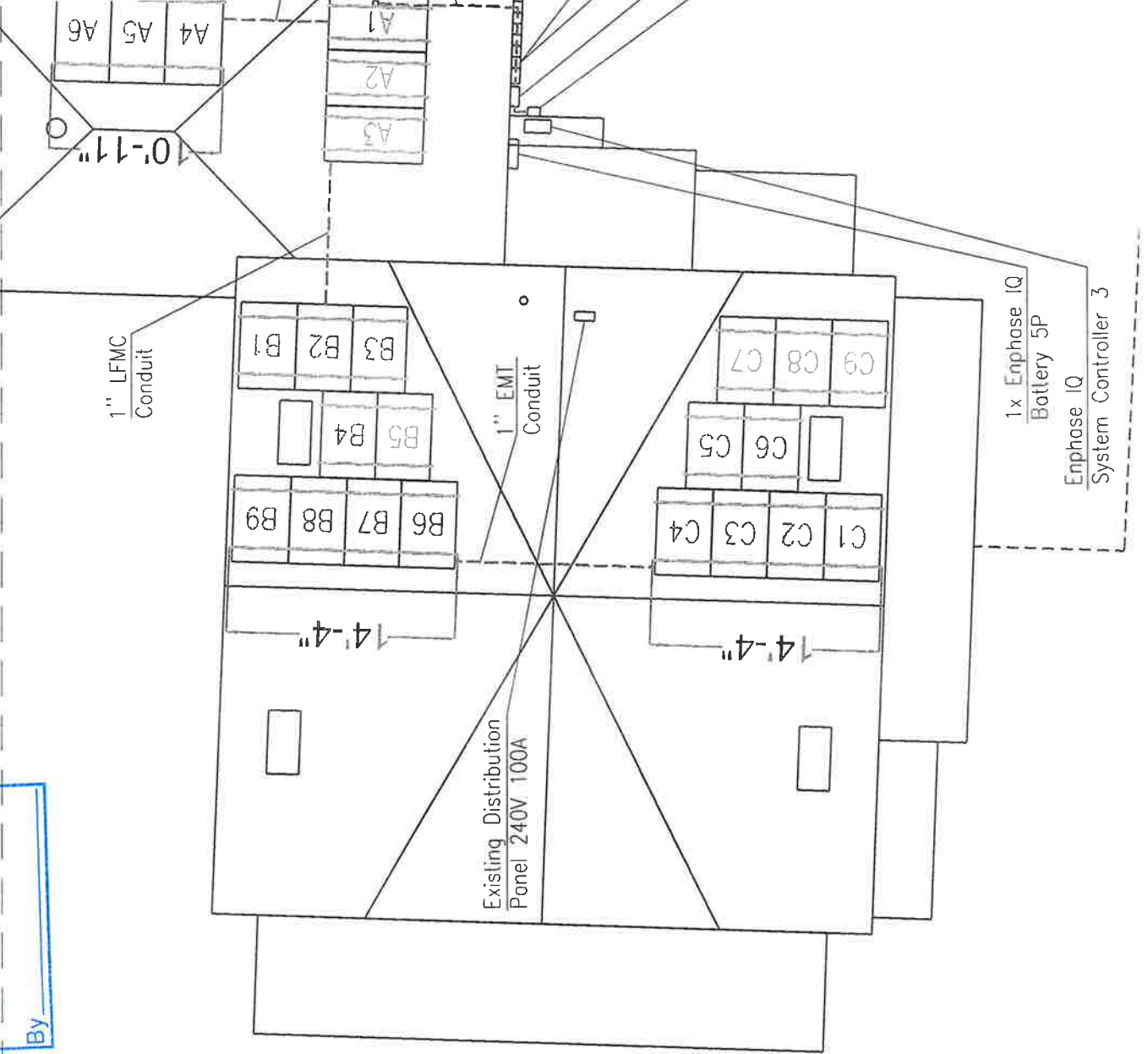
Scale: 1":30'



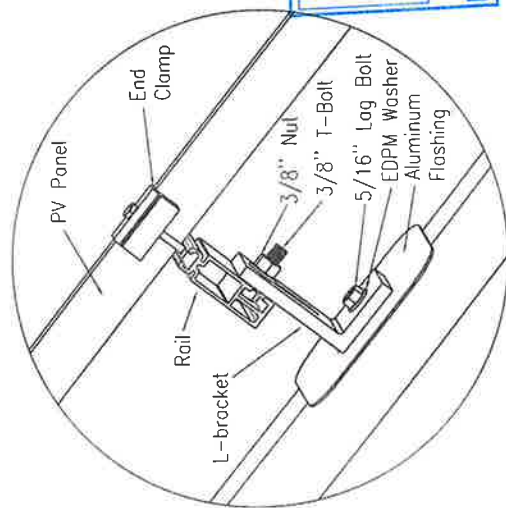
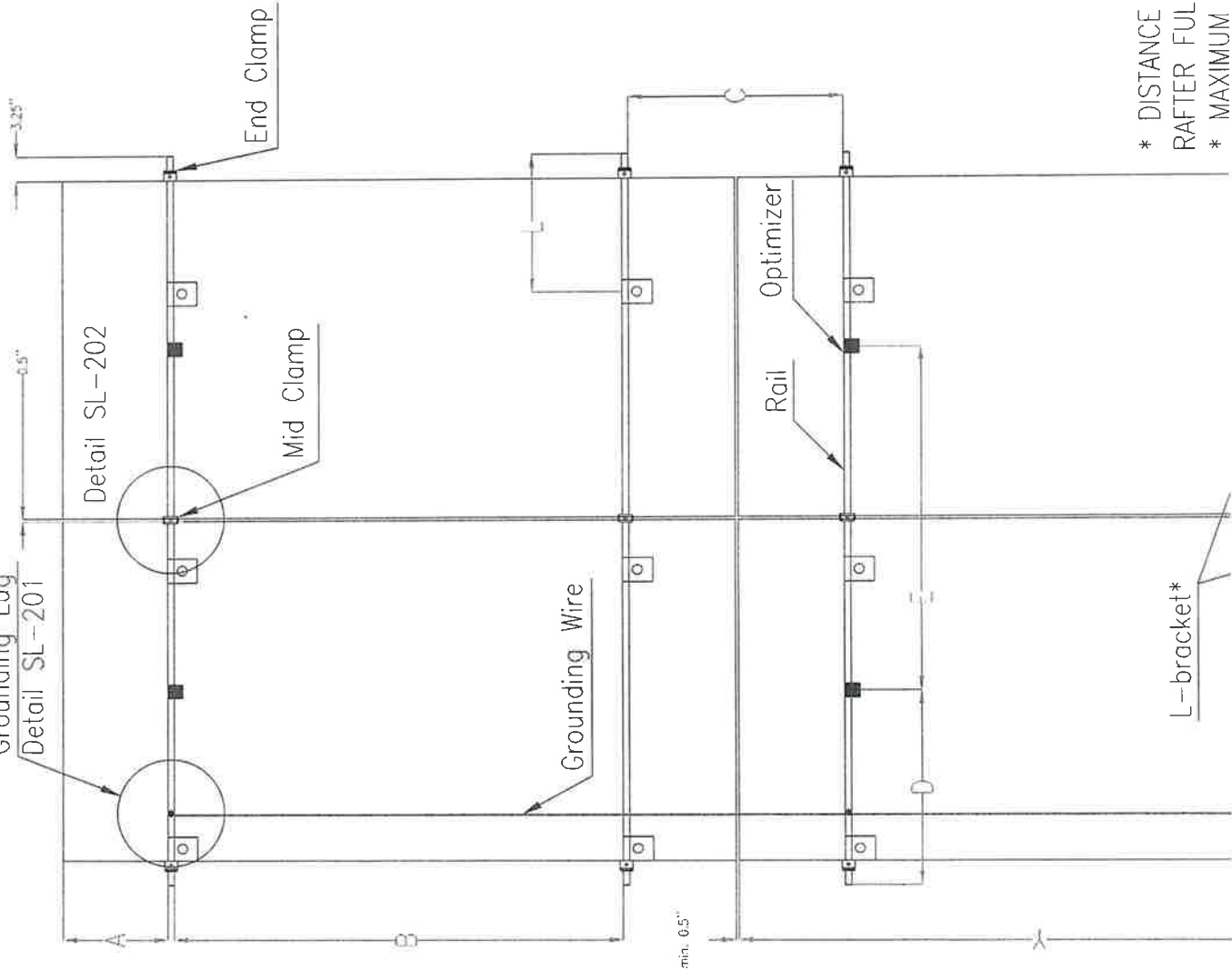


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Detailed Layout
 Scale: 1"=10'

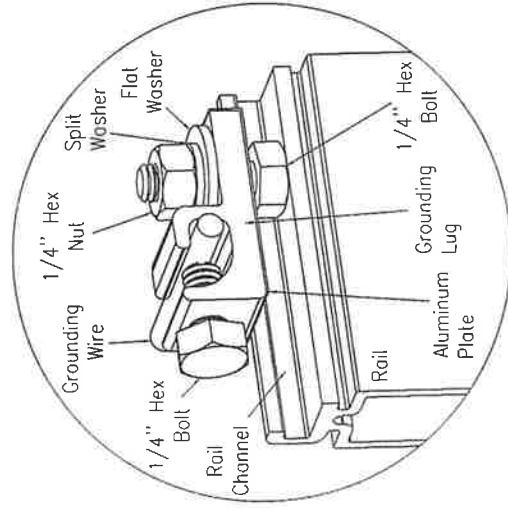


DETAIL SL-203 MOUNTING TO ASPHALT / METAL ROOF

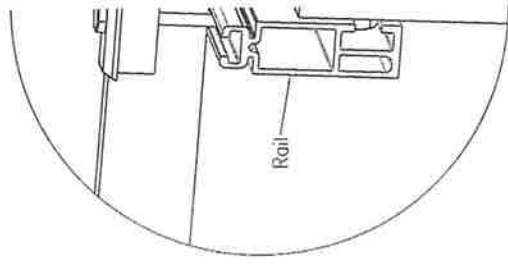


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DETAIL SL-201 GROUNDING LUG MOUNTING



DETAIL MID CLAMP



* DISTANCE BETWEEN L-BRACKETS DEPENDS ON RAFTER SPACING, ALL L BR
RAFTER FULL STRUCTURAL EMBEDMENT
* MAXIMUM SPACING FOR FIRST AND LAST ATTACHMENT ON EACH ROW SHO

ELECTRICAL NOTES

1. ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE NEW AND LISTED BY RECOGNIZED ELECTRICAL TESTING LABORATORY. CUSTOM MADE EQUIPMENT SHALL HAVE COMPLETE TEST DATA SUBMITTED BY THE MANUFACTURER ATTESTING TO ITS SAFETY.
2. PV EQUIPMENT, SYSTEMS AND ALL ASSOCIATED WIRING AND INTERCONNECTION SHALL BE INSTALLED BY QUALIFIED PERSONS (NEC 690.4 E).
3. THE PHOTOVOLTAIC SYSTEM CONDUCTORS SHALL BE IDENTIFIED AND GROUPED, THE MEANS OF IDENTIFICATION SHALL BE PERMITTED BY SEPARATE COLOR CODING, MARKING TAPE, TAGGING OR OTHER APPROVED MEANS. (NEC 690.4 B).
4. ALL METALLIC RACEWAY AND EQUIPMENT SHALL BE BONDED AND ELECTRICALLY CONTINUOUS AND GROUNDED. (NEC 250.96)
5. GROUNDING BUSHINGS ARE REQUIRED AROUND PRE-PUNCHED CONCENTRIC KNOCKOUTS ON THE DC SIDE OF THE SYSTEM (NEC 250.97).
6. GROUNDING ELECTRODE CONDUCTOR WILL BE CONTINUOUS, EXCEPT FOR SPLICES OR JOINTS AT BUSBARS WITH IN LISTED EQUIPMENT (NEC 250.64 C).
7. MODULES AND SUPPORT SHALL BE GROUNDED.
8. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS OF SERVICE POINTS AND SERVICE SIZES WITH THE SERVING UTILITY COMPANY AND COMPLY WITH ALL THE UTILITY COMPANIES REQUIREMENTS. IF THE SOLAR BACK FEED BREAKER IS OVER THE BUS SIZE 20% LIMIT, CONTRACTOR SHALL INCLUDE THE COST TO REPLACE MAIN BREAKER OR ENLARGE THE MAIN CAPACITY.
9. IF THE DISTANCES FOR CABLE RUNS ARE DIFFERENT THAN SHOWN, THE CONTRACTOR SHALL NOTIFY THE ELECTRICAL ENGINEER TO VALIDATE THE WIRE SIZE. FINAL DRAWINGS WILL BE RED-LINED AND UPDATED AS APPROPRIATE.
10. ALL BROCHURES, OPERATION MANUALS, CATALOGS, SHOP DRAWINGS, ETC. SHALL BE HANDED OVER TO OWNER'S REPRESENTATIVE AT THE COMPLETION OF WORK
11. ROOF TOP MOUNTED PHOTOVOLTAIC MODULES SHALL BE TESTED, LISTED AND IDENTIFIED UL 1703.
12. SOLAR SYSTEM SHALL NOT COVER ANY PLUMBING VENTS.
13. SOLAR INVERTER MUST HAVE A MANUFACTURE INSTALLED DISCONNECTING MEANS "ANTI-ISLANDING" THAT PREVENTS PARALLEL FEEDING UTILITY LINES DURING POWER OUTAGE.
14. REMOVAL OF AN INTERACTIVE INVERTER OR OTHER EQUIPMENT SHALL NOT DISCONNECT THE BONDING CONNECTION BETWEEN THE GROUNDING ELECTRODE CONDUCTOR AND THE PHOTOVOLTAIC SOURCE AND/OR OUTPUT CIRCUIT GROUNDED CONDUCTORS.
15. OVERCURRENT PROTECTION FOR BOTH ALTERNATING AND DIRECT CURRENT MUST BE INSTALLED IN THE INVERTER OR FIELD AT THE TIME OF INSTALLATION.
16. ALL EXTERIOR ELECTRICAL METALLIC TUBING (EMT) CONDUIT FITTING SHALL BE RAIN-TIGHT THREADLESS COMPRESSION TYPE STRAIN RELIEF POSITIONED FOR APPROPRIATE WATER RUN OFF

19. OUTDOOR EQUIPMENT SHALL BE AT LEAST NEMA 3R RATED.
20. WIRING MATERIALS SHALL BE SUITABLE FOR THE SUN EXPOSURE AND WET LOCATIONS. FIELD APPLIED PROTECTIVE COATINGS ARE NOT ACCEPTABLE.
21. ALL SPECIFIC WIRING IS BASED ON USE OF COPPER UNLESS NOTED OTHERWISE.
22. NAMEPLATES SHALL BE PROVIDED FOR ALL CIRCUITS IN THE SERVICE DISTRIBUTION AND POWER DISTRIBUTION SWITCH BOARDS, PANEL BOARDS, DISCONNECTING SWITCHES, TERMINAL CABINETS, ETC. ALL NAMEPLATES SHALL BE PERMANENTLY ATTACHED.
23. JUNCTION BOXES, PULL AND OUTLET LOCATED BEHIND MODULES SHALL BE SO INSTALLED THAT WIRING CONTAINED IN THEM CAN BE RENDERED ACCESSIBLE FASTENERS AND CONNECTED BY A FLEXIBLE WIRING SYSTEM. (NEC 690.34)
24. ALL PHOTOVOLTAIC MODULES AND ASSOCIATED EQUIPMENT AND WIRING MATERIAL SHALL PROTECTED FROM ANY PHYSICAL DAMAGE.
25. SEE PROVIDED CUT SHEETS FOR ADDITIONAL EQUIPMENT SPECIFICATIONS.
26. WIDTH OF WORKING SPACE SHALL BE THE WIDTH OF THE EQUIPMENT OR 30", WHICHEVER IS GREATER (NEC 2017 110.32).
27. HEIGHT OF WORKING SPACE SHALL BE CLEAR AND EXTEND FROM THE GRADE, FLOOR, PLATFORM TO A HEIGHT OF 6-1/2' OR THE HEIGHT OF THE EQUIPMENT, WHICHEVER IS GREATER (NEC 2017 110.32).
28. THE BACKFEED SOLAR BREAKER SHOULD BE INSTALLED AT THE OPPOSITE END FROM THE MAIN BREAKER

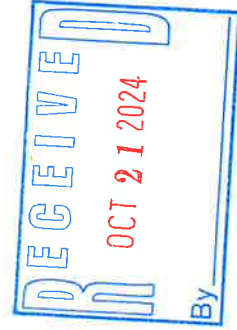
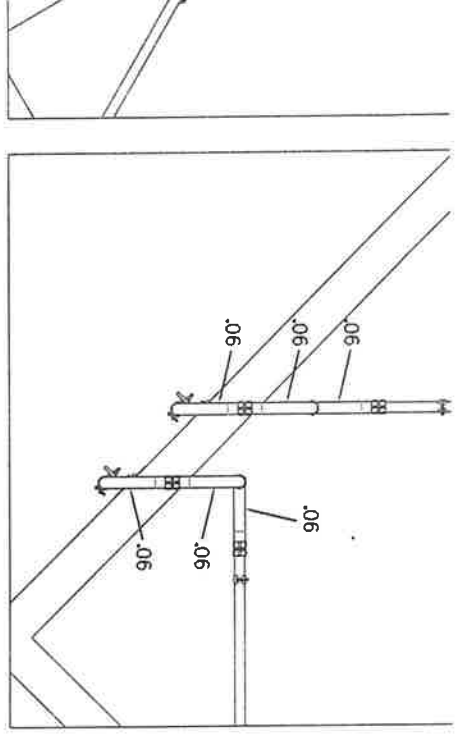
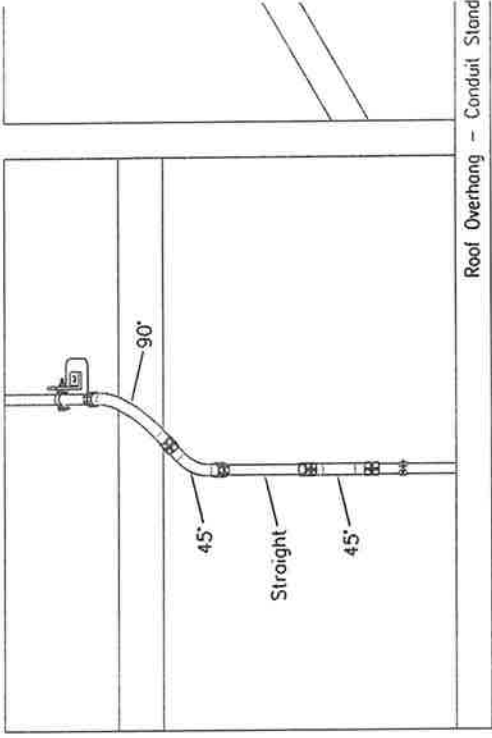
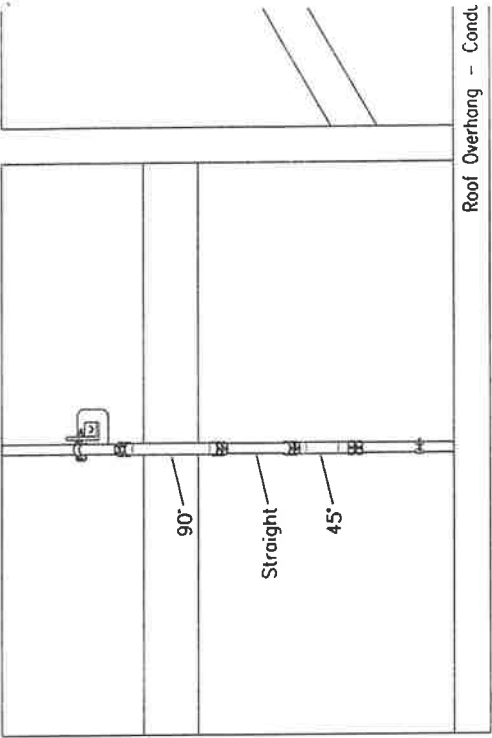


Table 612: Along the roof – Estimated straight EMT pipe length

		Overhang length		
		12"	16"	24"
Slope	3:12 (15')	9	15	26
	5:12 (22.5')	9	14.5	25.5
	7:12 (30')	8.5	14	25.5
	12:12 (45')	7.5	13	24.5
	20:12 (60')	5.5	11.5	22.5



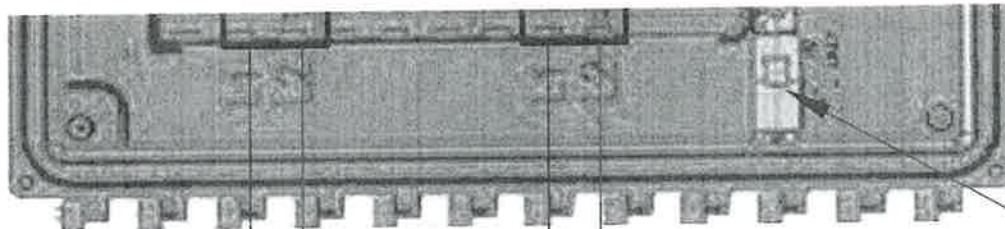
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BREAKER 3 - L1

BREAKER 3 - L2

BREAKER 1 - L1

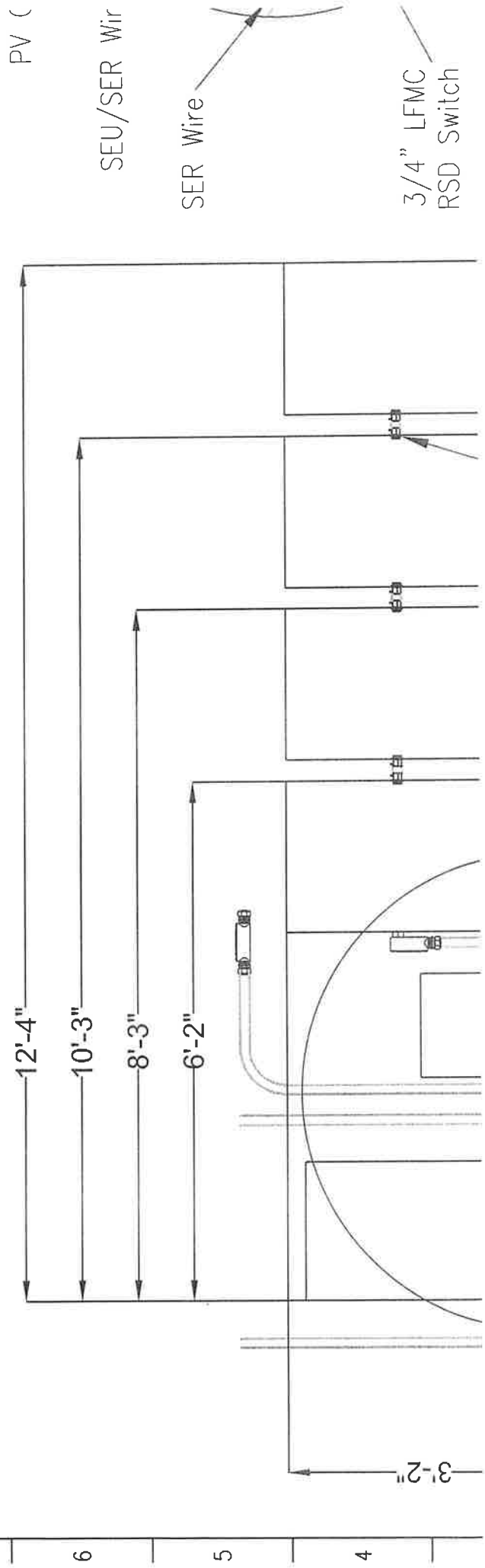
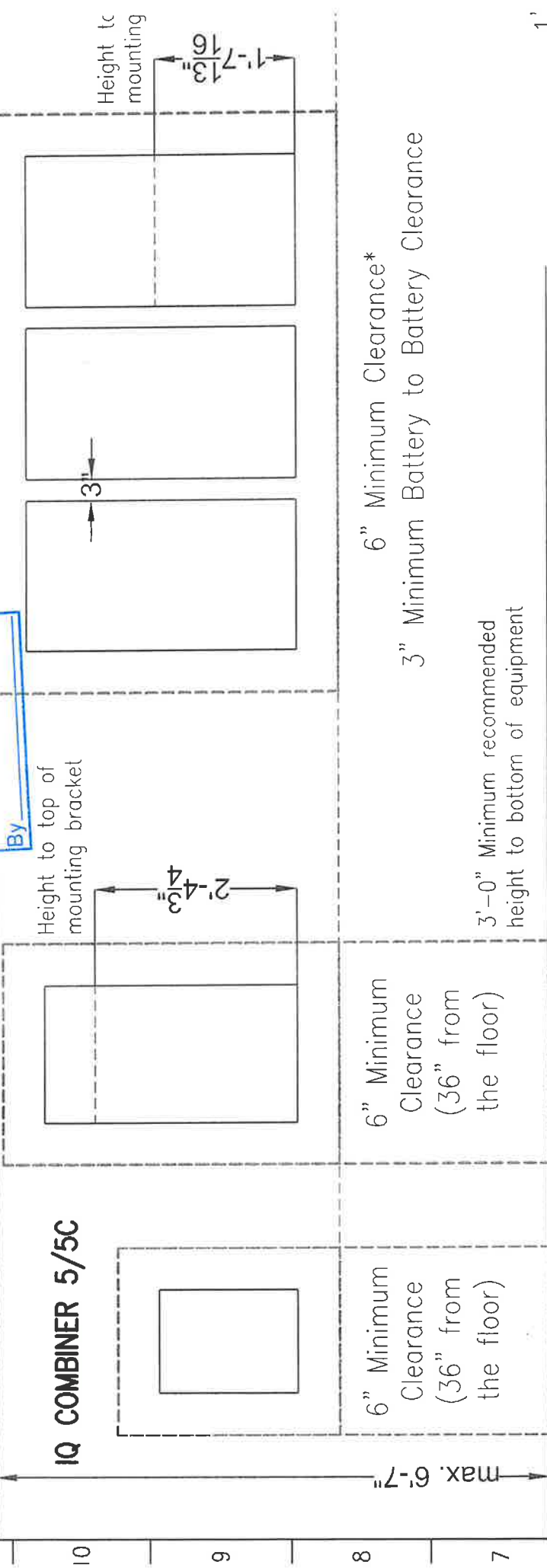
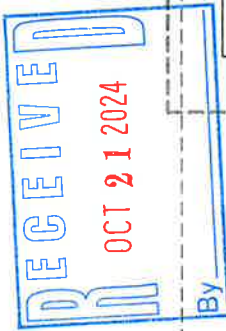
BREAKER 1 - L2



6'-7" Maximum height to Disconnect inside of all the equipment

IQ SYSTEM CONTROLLER 3/3G

IQ BATTERY 5P















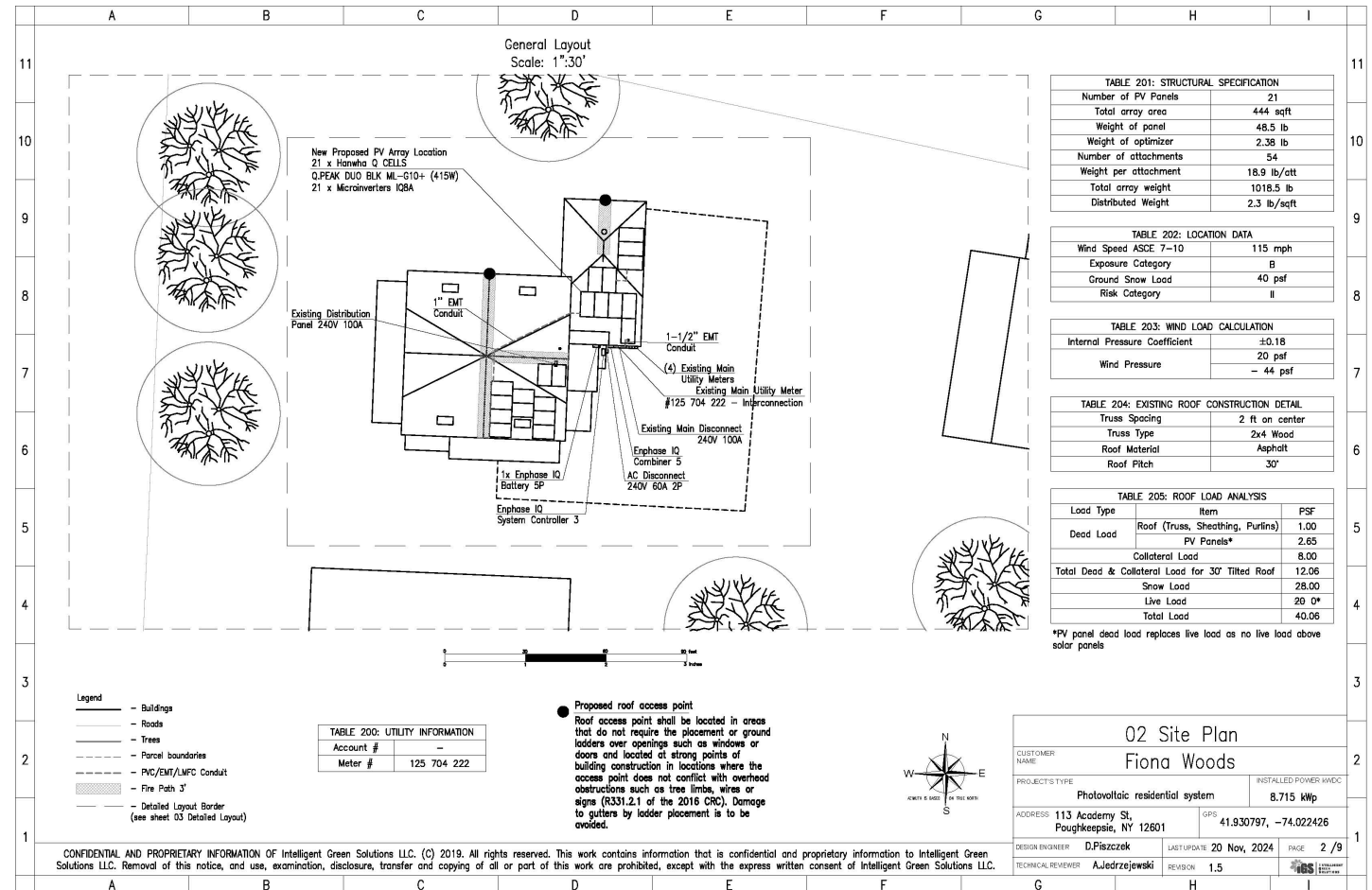
Fiona Woods

113 Academy St,
Poughkeepsie, NY 12601

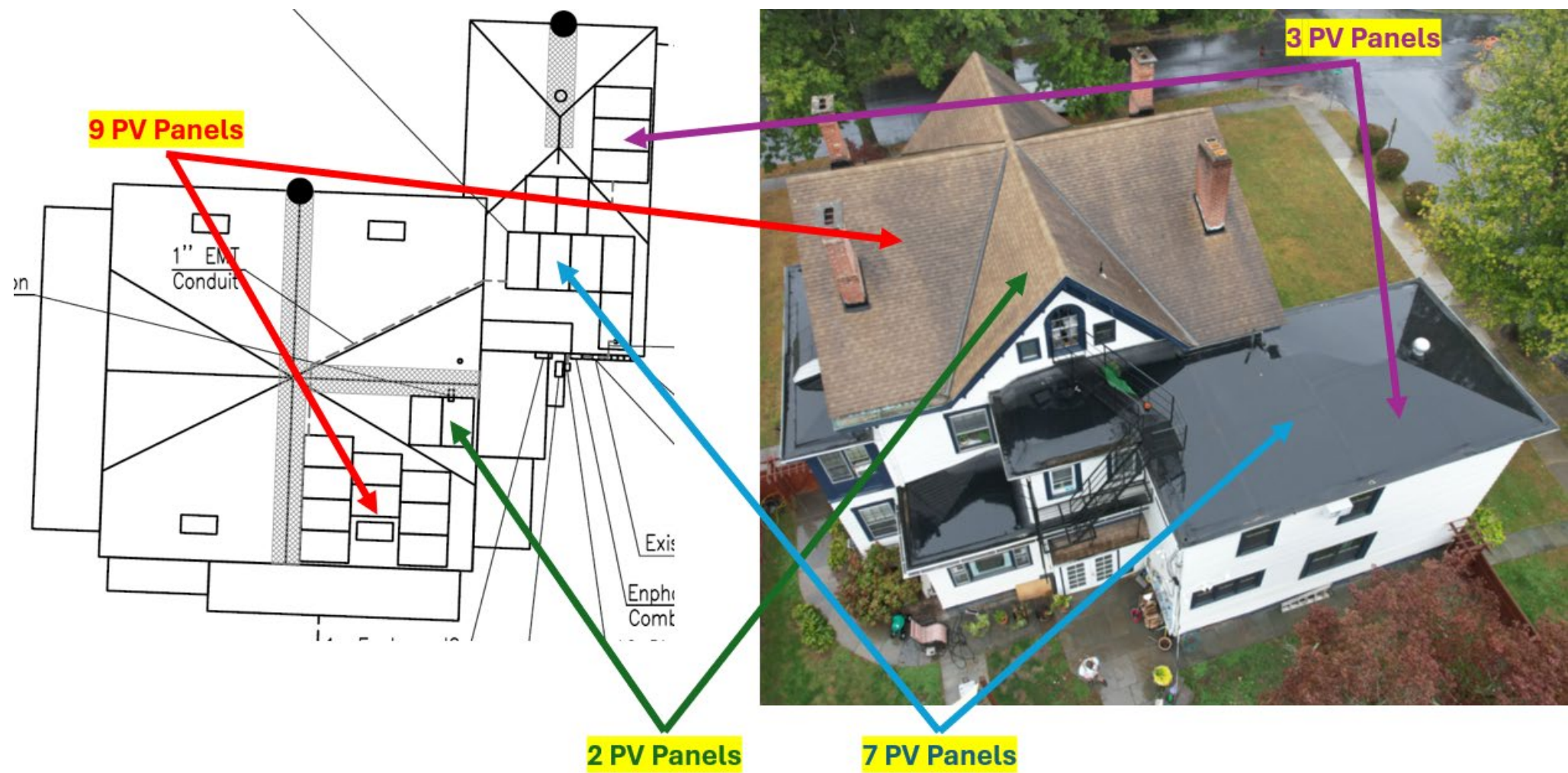
Historic District and Landmarks
Preservation Commission
(HDLPC) Meeting

Revised Site Plan:

- Panels moved from the front and top roof to the back and lower roof



Revised Site Plan – Actual photos:



Site Insights:

- Leaves from this tree will make solar panels less visible from the ground



Site Issues: Garage Roof

- Structural integrity of the garage roof will not support solar panels
- The tree in full bloom would block sun from the panels creating lack of efficiency
- Electrical service will need to be upgraded
- Adds an additional \$15,000.00 to the project total



Site Issues: Ground

- Too much shade for a ground mount installation
- Deeming the system inefficient



City of Poughkeepsie
62 Civic Center Plaza
Poughkeepsie, NY 12601

Subject: Calculations Cover Letter

Dear Sir/Madam

The attached calculations were completed for the photovoltaic system at 113 Academy St,
Poughkeepsie, NY 12601.

These detailed calculations on the following pages ensure that Solar PV Design meets all structural requirements; and that the structure provides adequate support for PV panel loads, with wind and snow load taken into account.

Thank you and kind regards,

Dawid P

Encl: Site Data
 Wind Load Analysis
 Roof Load Analysis

Site Data

Exposure Category	B	
Risk Category	II	
Wind Speed	115 mph	per ASCE 7-10
Ground Snow Load	40.00 psf	

Wind Load Analysis

Wind pressure for Cladding and Components for buildings ≤ 60 ft according to ASCE 7-10

$$P = q_h \cdot (GC_p - GC_{pi})$$

$q_h =$	20.14 psf
$GC_p - =$	-2
$GC_p + =$	0.8
$GC_{pi} - =$	-0.18
$GC_{pi} + =$	0.18

Downward Pressure for Zone 3

$$P + = 19.74 \text{ psf}$$

Uplift Pressure for Zone 3

$$P - = -43.91 \text{ psf}$$

Area of panel	$A =$	19.31 sqft
Number of attachments per panel		54.00

Wind Downward Load	162.15 lb/attachment
Wind Uplift Load	-360.70 lb/attachment

Allowable Loads for Quick Mount PV attachments

Tension	984 lbs
Compresion	700 lbs

Mouting hardware is going to withstand wind loads.

Roof Load Analysis

As-Built Roof without solar panels

Roof and truss system		1.00 psf	
Collateral Load	+	8.00 psf	
		9.00 psf	non-projected load
Roof slope	÷	cos(30°)	
		9.32 psf	projected load
		9.32 psf	
Snow Load for 30°	+	28.00 psf	
Live load	+	20.00 psf	
Total load		57.32 psf	

As-Built Roof with solar panels

Roof and truss system		1.00 psf	
Collateral Load		8.00 psf	
Solar Panels	+	2.65 psf	
		11.65 psf	non-projected load
Roof slope	÷	cos(30°)	
		12.06 psf	projected load
		12.06 psf	
Projected load		12.06 psf	
Snow Load for 30°	+	28.00 psf	
Live load	+	0.00 psf	solar dead load replaces live load
Total load		40.06 psf	

Decrease of 17.25 psf from original total load

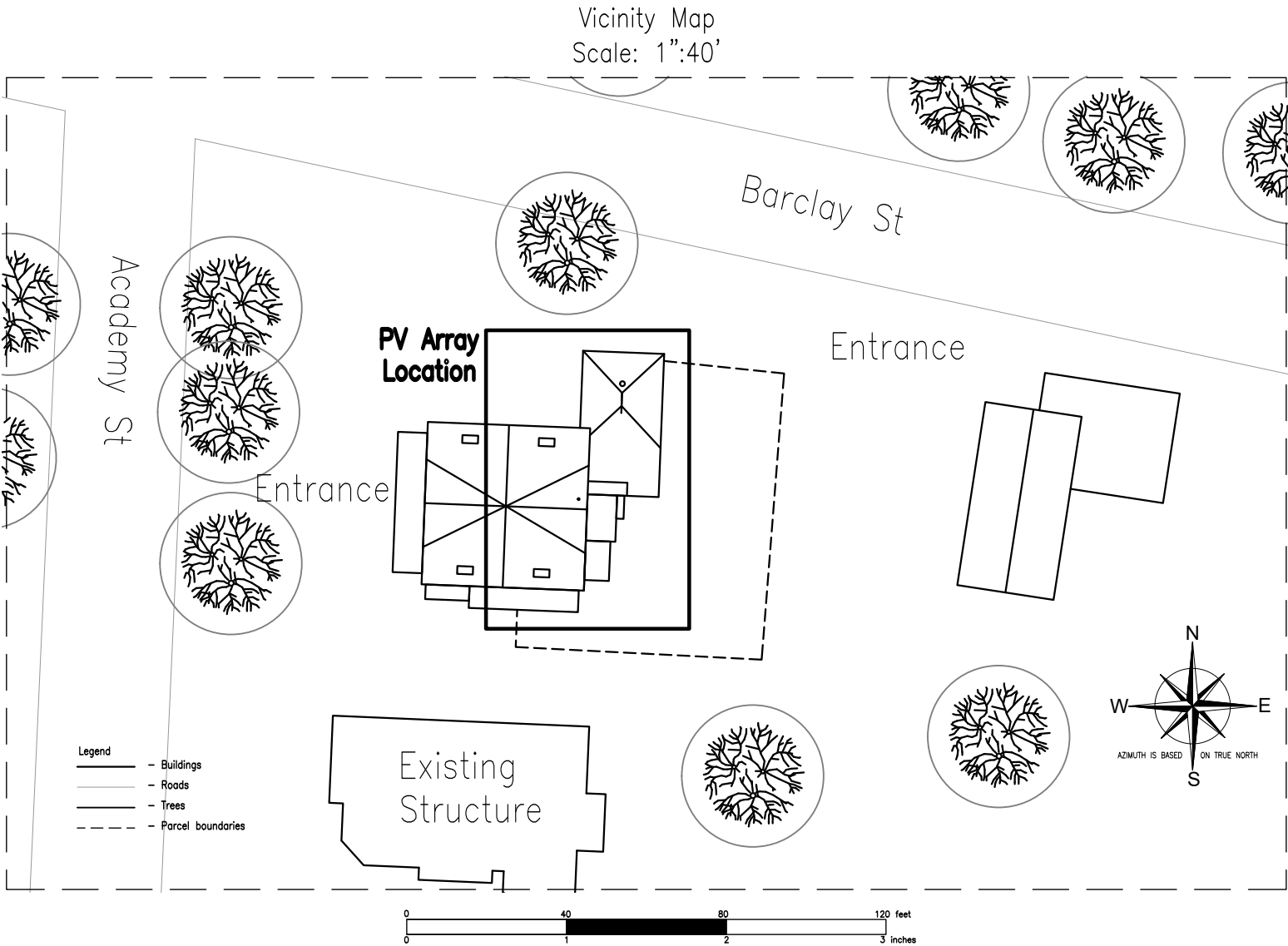
TABLE 101: CUSTOMER INFORMATION	
CUSTOMER NAME	Fiona Woods
CUSTOMER ADDRESS	113 Academy St, Poughkeepsie, NY 12601
CUSTOMER PHONE #	+1 914-804-8466
OCCUPANCY TYPE	RESIDENTIAL GROUP R

TABLE 102: PV SYSTEM INFORMATION	
PV SYSTEM SIZE: DC STC	8.715 kW
PV MODULES	Q.PEAK DUO BLK G10+ 415
MODULE MAX POWER	415 Wp
NUMBER OF MODULES	21
OPTIMIZER	Enphase IQ8A
ARRAY TILT	30°
AZIMUTH	92°

TABLE 103: INVERTER INFORMATION	
TOTAL NAMEPLATE CAPACITY AC	7.686 kW
MANUFACTURER	Enphase
MODEL	IQ8A
MICROINVERTER POWER RATING	366 W
QUANTITY	21

TABLE 104: EXISTING ELECTRICAL SYSTEM	
CAPACITY	100 A
VOLTAGE	240 V
GRID CONFIGURATION	Single Phase

TABLE 105: BATTERY INFORMATION	
BATTERY BANK	Enphase IQ Battery 5P
BATTERY SIZE	5 kWh
BATTERY CELL TECHNOLOGY	Lithium Iron Phosphate (LFP)
NOMINAL DC VOLTAGE	76.8 V DC
MAX PEAK POWER (10s)	7.68 kW
WEIGHT	174.0 lb
DIMENSIONS (H x W x D)	38.6" x 21.7" x 7.4"
QUANTITY	1
OPERTAING TEMPERATURE	-4 °F to 122 °F
ESS CONFIGURATION	Backup only



GENERAL NOTES

- DO NOT SCALE DRAWINGS. IF UNABLE TO LOCATE DIMENSIONS FOR ANY ITEM OF WORK, CONSULT ENGINEER FOR DIRECTIONS BEFORE PROCEEDING.
- IF EXACT ROOF DIMENSIONS WERE NOT PROVIDED, THE DRAWING WILL BE BASED ON GOOGLE MAP, AND THEREFORE THE ROOF SLOPE DIMENSIONS MAY NOT BE ACCURATE. CONTRACTOR TO SITE VERIFY ALL ROOF OBSTACLES AND ALL REQUIRED CLEARANCES WITH AHJ(S) PRIOR TO INSTALLATION, ORDERING OR FABRICATING ANY MATERIAL.
- CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO INSTALLATION AND SHALL COORDINATE ALL INSPECTIONS, TESTING COMMISSIONING AND ACCEPTANCE WITH THE CLIENT, UTILITY CO. AND CITY INSPECTORS AS NEEDED.
- ROUTING OF RACEWAYS SHALL BE AT THE OPTION OF THE CONTRACTOR UNLESS OTHERWISE NOTED AND SHALL BE COORDINATED WITH OTHER TRADES.
- IF THE ROOF MATERIAL OR ROOF STRUCTURE IS FOUND TO BE INADEQUATE OR OTHER THAN THE PLANS INDICATE, CALL ENGINEER PRIOR TO INSTALL. THE CONTRACTOR IS RESPONSIBLE TO VERIFY THAT ROOF IS CAPABLE OF WITHSTANDING THE EXTRA WEIGHT.
- WHENEVER A DISCREPANCY IN QUANTITY OF EQUIPMENT ARISES ON THE DRAWING OR SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIAL AND SERVICES REQUIRED BY THE STRICTEST CONDITIONS NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS TO ENSURE COMPLETE COMPLIANCE AND LONGEVITY OF THE OPERABLE SYSTEM REQUIRED BY ENGINEERS.
- THE WORKING CLEARANCE AROUND THE EXISTING ELECTRICAL EQUIPMENT AS WELL AS NEW ELECTRICAL EQUIPMENT WILL BE MAINTAINED IN ACCORDANCE WITH (NEC 110.26)

CODE SUMMARY

THIS PROJECT SHALL COMPLY WITH:
2017 NEC;
2020 Residential Code of New York State (adopts the IRC 2018 with amendments);
2020 Fire Code of New York State (adopts the IFC 2018 with amendments);
2020 Building Code of New York State (adopts the IBC 2018 with amendments);

SHEET INDEX:

01 Title Page
02 Site Plan
03 Detailed Layout
04 Mounting Details
05 Single Line Diagram
06 Electrical & Conduit Notes
07 Elevation
09 Detail Master Sheets

ALL OTHER ORDINANCES ADOPTED BY
LOCAL GOVERNING AGENCIES

01 Title Page			
CUSTOMER NAME		Fiona Woods	
PROJECT'S TYPE		INSTALLED POWER kWDC	
Photovoltaic residential system		8.715 kWp	
ADDRESS		GPS	
113 Academy St, Poughkeepsie, NY 12601		41.930797, -74.022426	
DESIGN ENGINEER	D.Piszczyk	LAST UPDATE	25 Nov, 2024
TECHNICAL REVIEWER	A.Jedrzejewski	REVISION	1.5
PAGE		1 / 9	

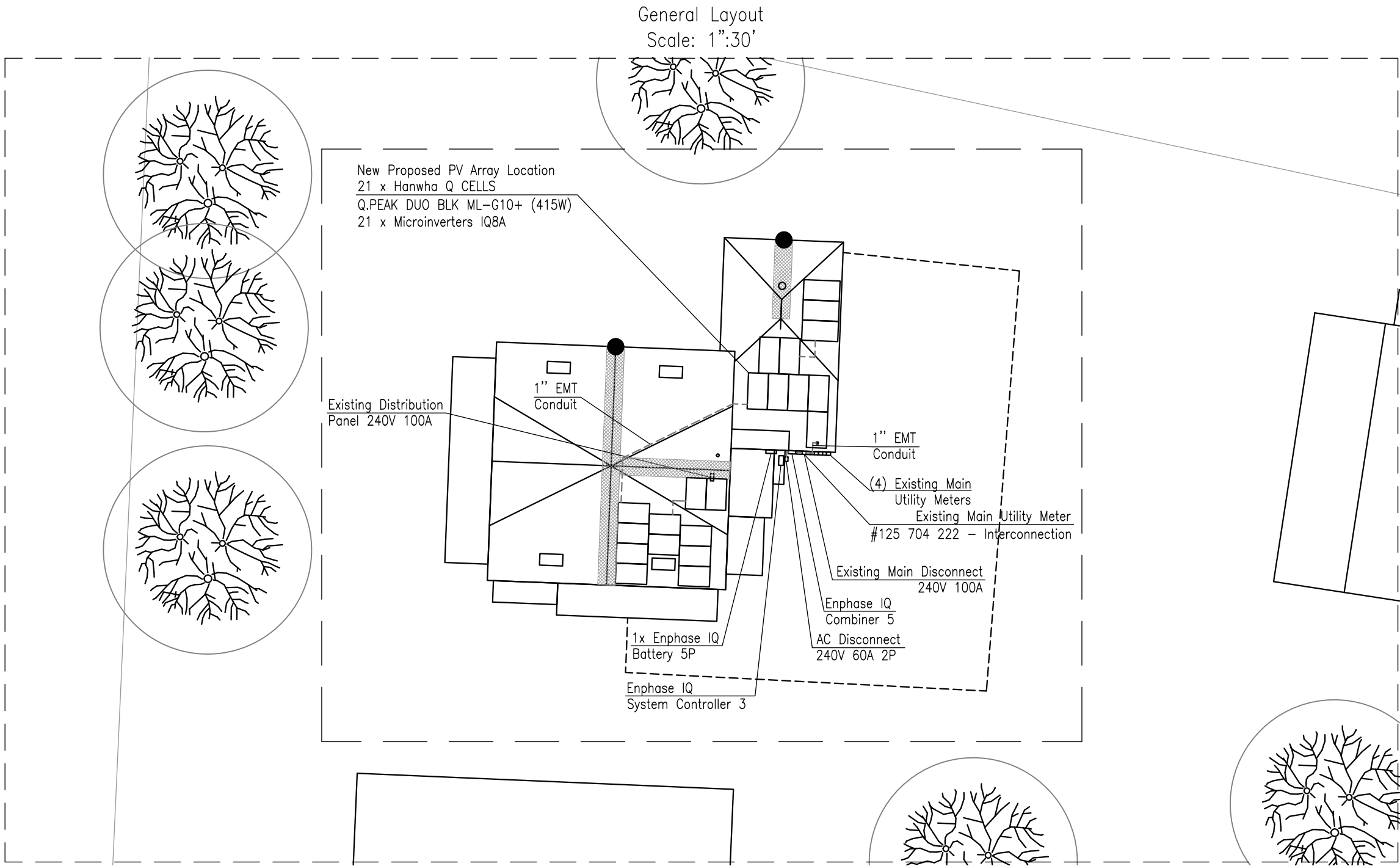


TABLE 201: STRUCTURAL SPECIFICATION	
Number of PV Panels	21
Total array area	444 sqft
Weight of panel	48.5 lb
Weight of optimizer	2.38 lb
Number of attachments	54
Weight per attachment	18.9 lb/att
Total array weight	1018.5 lb
Distributed Weight	2.3 lb/sqft

TABLE 202: LOCATION DATA	
Wind Speed ASCE 7-10	115 mph
Exposure Category	B
Ground Snow Load	40 psf
Risk Category	II

TABLE 203: WIND LOAD CALCULATION	
Internal Pressure Coefficient	±0.18
Wind Pressure	20 psf
	- 44 psf

TABLE 204: EXISTING ROOF CONSTRUCTION DETAIL	
Truss Spacing	2 ft on center
Truss Type	2x4 Wood
Roof Material	Asphalt
Roof Pitch	30°

TABLE 205: ROOF LOAD ANALYSIS		
Load Type	Item	PSF
Dead Load	Roof (Truss, Sheathing, Purlins)	1.00
	PV Panels*	2.65
Collateral Load		8.00
Total Dead & Collateral Load for 30° Tilted Roof		12.06
Snow Load		28.00
Live Load		20.0*
Total Load		40.06

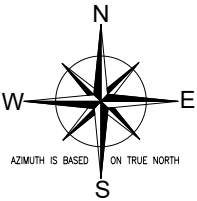
*PV panel dead load replaces live load as no live load above solar panels

- Legend
- Buildings
 - Roads
 - Trees
 - Parcel boundaries
 - PVC/EMT/LMFC Conduit
 - Fire Path 3'
 - Detailed Layout Border (see sheet 03 Detailed Layout)

TABLE 200: UTILITY INFORMATION	
Account #	-
Meter #	125 704 222

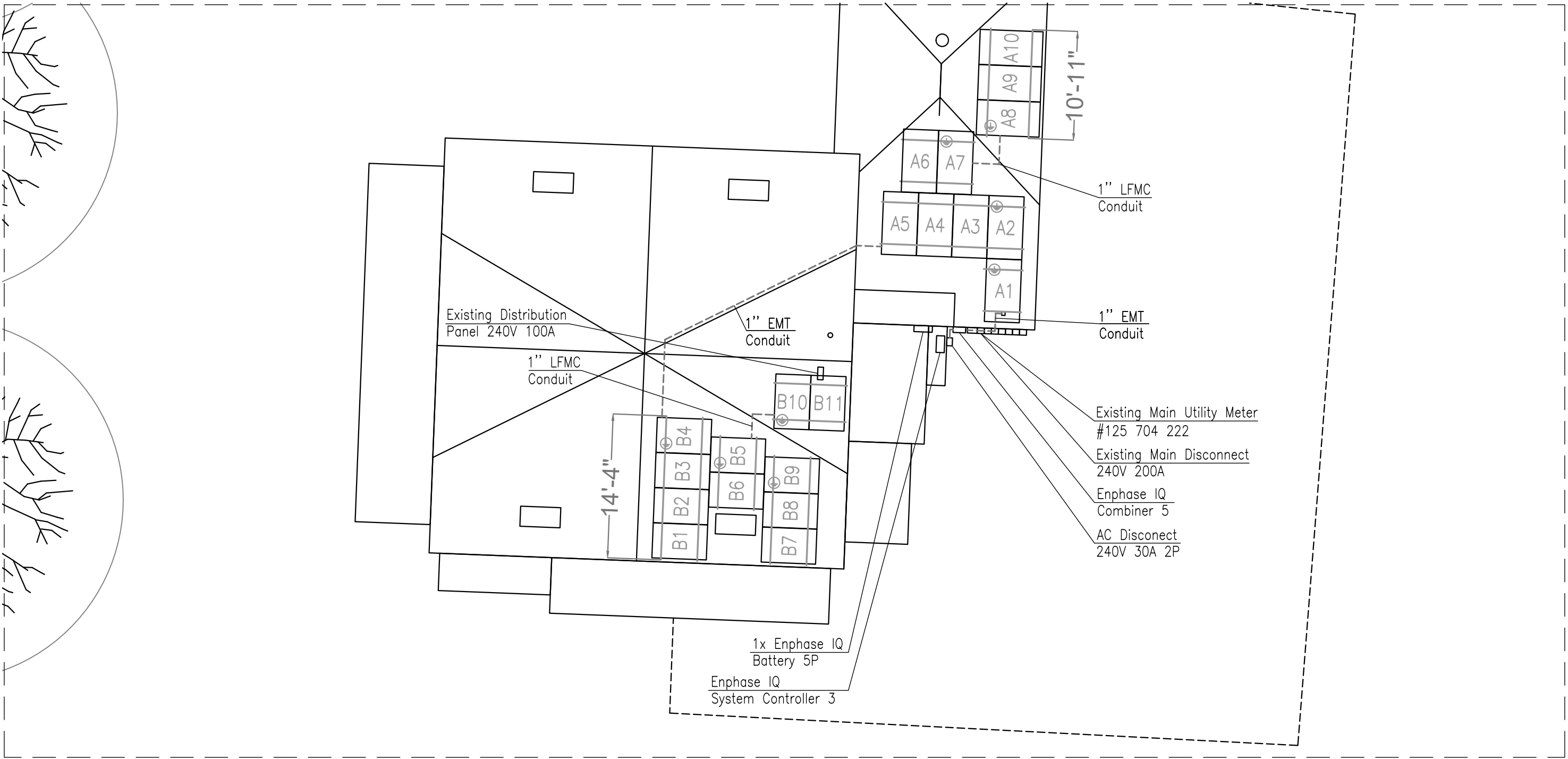
Proposed roof access point

Roof access point shall be located in areas that do not require the placement or ground ladders over openings such as windows or doors and located at strong points of building construction in locations where the access point does not conflict with overhead obstructions such as tree limbs, wires or signs (R331.2.1 of the 2016 CRC). Damage to gutters by ladder placement is to be avoided.



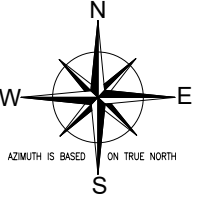
02 Site Plan		
Fiona Woods		
CUSTOMER NAME		
PROJECT'S TYPE		INSTALLED POWER kWDC
Photovoltaic residential system		8.715 kWp
ADDRESS 113 Academy St, Poughkeepsie, NY 12601		GPS 41.930797, -74.022426
DESIGN ENGINEER D.Piszczek	LAST UPDATE 25 Nov, 2024	PAGE 2 / 9
TECHNICAL REVIEWER A.Jedrzejewski	REVISION 1.5	

Detailed Layout
Scale: 1":10'



- Legend
- Buildings
 - Roads
 - Trees
 - - - - - PVC/EMT/LMFC Conduit
 - ⊕ ⊖ Positive/Negative PV Wire
 - ⊕ Grounding Lug

For ground mount systems:
Ballast block plan available on sheet
09 Ballast and Trenching Details



03a Detailed Layout			
CUSTOMER NAME		Fiona Woods	
PROJECT'S TYPE		INSTALLED POWER kWDC	
Photovoltaic residential system		8.715 kWp	
ADDRESS 113 Academy St, Poughkeepsie, NY 12601		GPS	41.930797, -74.022426
DESIGN ENGINEER	D.Piszczek	LAST UPDATE	25 Nov, 2024
		PAGE	3a / 9
TECHNICAL REVIEWER	A.Jedrzejewski	REVISION	1.5
		 INTELLIGENT GREEN SOLUTIONS	

Table 301: Mounting Dimensions		
X	Panel width	41.1"
Y	Panel length	74"
A	Array max. Length	14'-4"
B	Array max. Height	18'-6"
C	Attachment max. Span	5'-6"

Table 302: Part Schedule		
185"	Full Rails	20
	Splice bar	0
	Estimated End-clamps	40
	Estimated Mid-clamps	28

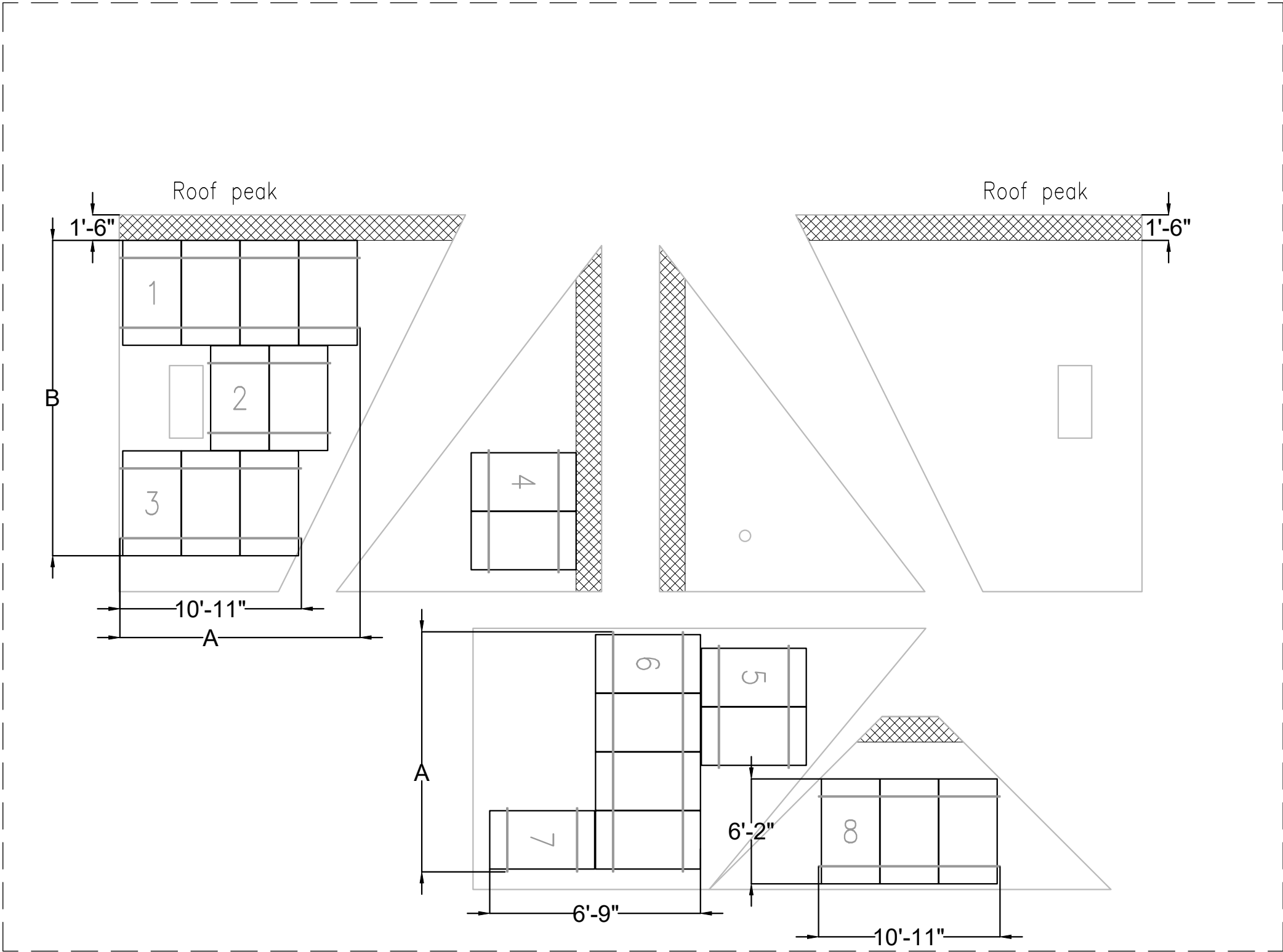
Table 303: Rail Schedule	
Bank #	Bank length
1	14'-4"
2	7'-5"
3	10'-11"
4	7'-5"
5	7'-5"
6	14'-4"
7	3'-12"
8	10'-11"

Note:
For minimum and maximum rail spacing see Mounting Details sheet.

Note:
Rafter spacing may vary on site, flashing screws require full embedment in structural member.
Roof attachment notes on Mounting Details sheet.

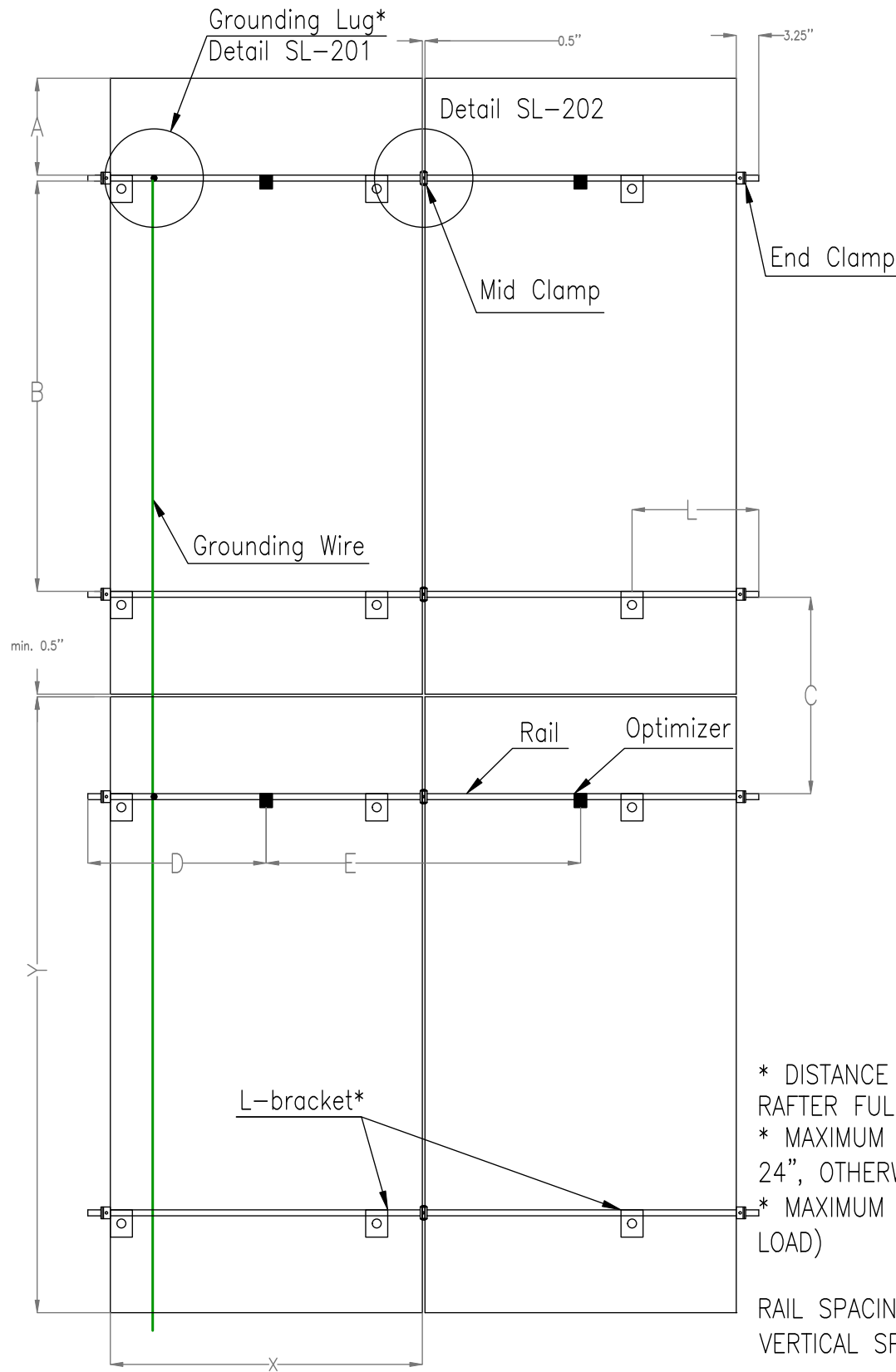
Note:
For roof mount systems:
At both bank ends top and bottom rail attachment point installation is required, between them attachments will be installed every other rafter in zigzag shape.

- Legend
-  - Buildings
 -  - Roads
 -  - PVC/EMT/LMFC Conduit
 -  - Roof edge setback

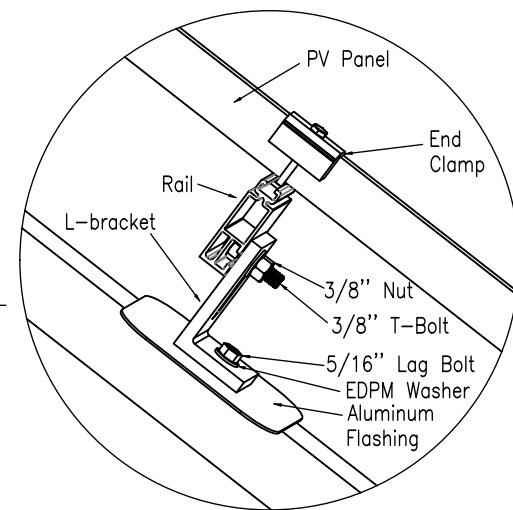


03b Zero-degree Roof		
CUSTOMER NAME		Fiona Woods
PROJECT'S TYPE		Photovoltaic residential system
INSTALLED POWER kWDC		8.715 kWp
ADDRESS		113 Academy St, Poughkeepsie, NY 12601
GPS		41.930797, -74.022426
DESIGN ENGINEER	D.Piszcze	LAST UPDATE 25 Nov, 2024
TECHNICAL REVIEWER	A.Jedrzejewski	REVISION 1.5
PAGE		3b / 9

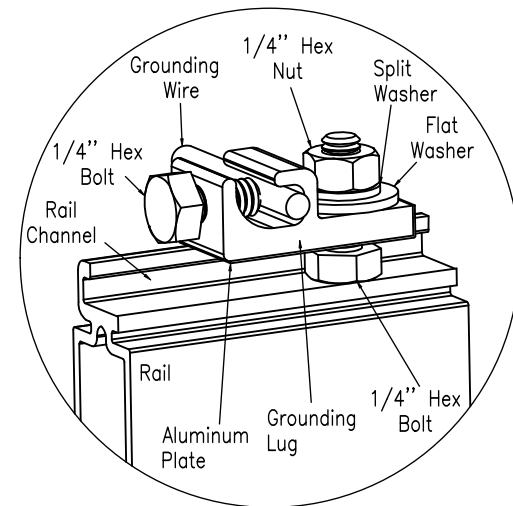
FRONT VIEW OF PV PANELS



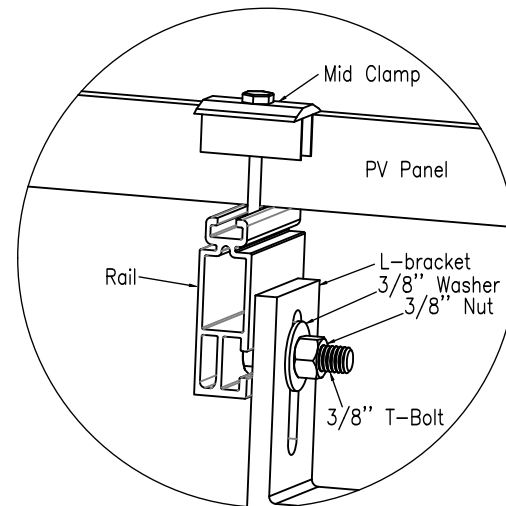
DETAIL SL-203
MOUNTING TO ASPHALT /
METAL ROOF



DETAIL SL-201
GROUNDING LUG MOUNTING



DETAIL SL-202
MID CLAMP MOUNTING



SIDE VIEW OF PV PANEL

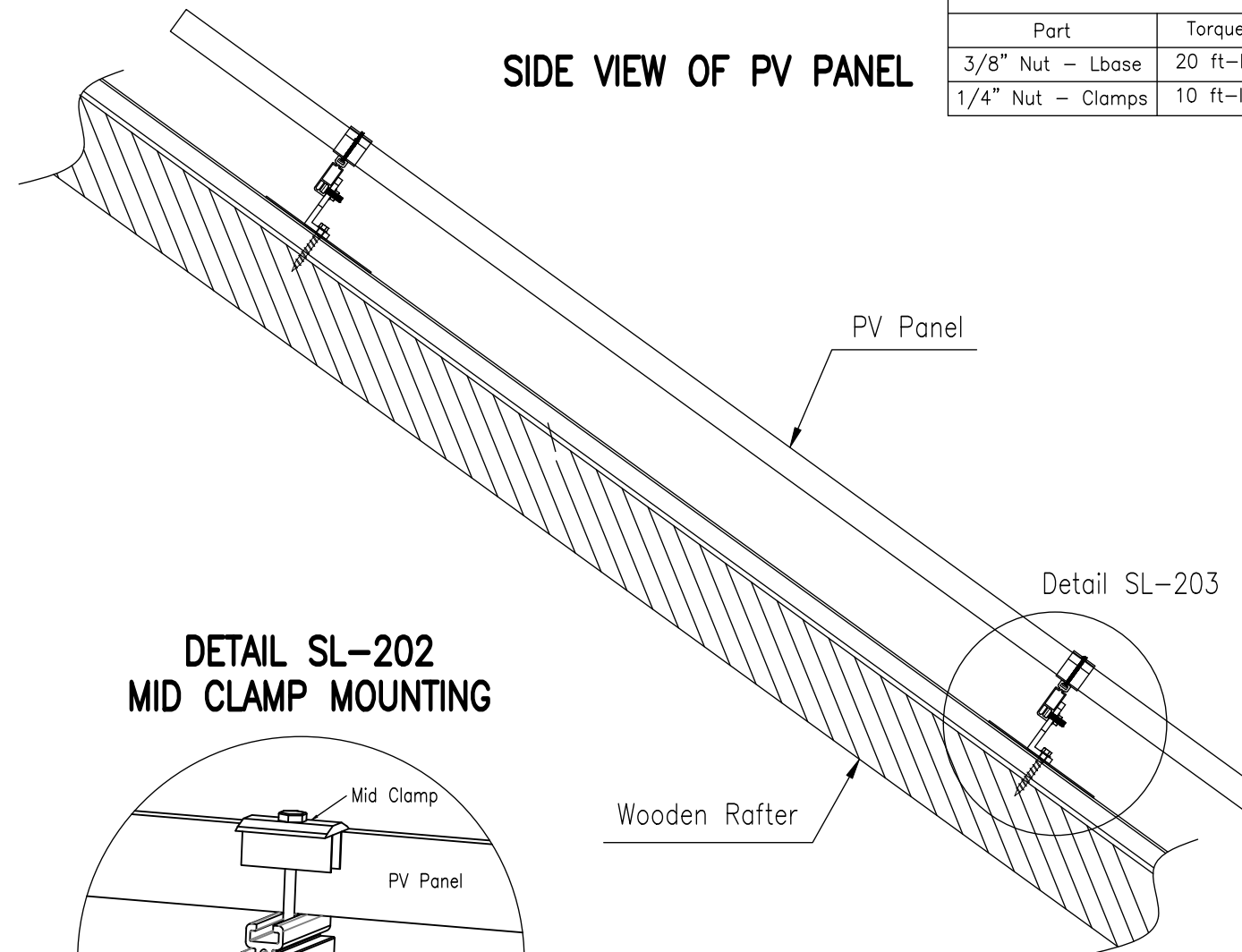


Table 402: Torque Settings	
Part	Torque
3/8" Nut - Lbase	20 ft-lb
1/4" Nut - Clamps	10 ft-lb

- * DISTANCE BETWEEN L-BRACKETS DEPENDS ON RAFTER SPACING, ALL L BRACKETS REQUIRE RAFTER FULL STRUCTURAL EMBEDMENT
- * MAXIMUM SPACING FOR FIRST AND LAST ATTACHMENT ON EACH ROW SHOULD NOT EXCEED 24", OTHERWISE 48" BETWEEN ATTACHMENTS IS ACCEPTABLE.
- * MAXIMUM SPACING BETWEEN L BRACKETS IS 4'-0" (DEPENDS ON ROOF STYLE AND SNOW LOAD)

RAIL SPACING VALUE (A) SHOULD BE BETWEEN 15 AND 23% OF PANEL VERTICAL DIMENSION (Y) VERTICAL SPACE BETWEEN RAILS TOLERANCE IS UP TO 5"

* GROUNDING LUGS HAVE TO BE LOCATED AT LEAST ON ONE OF EACH BANK'S RAILS PER RACKING SYSTEM MANUFACTURER REQUIREMENTS. GROUNDING LUG LOCATION ON THE RAIL IS REFERENCED ON 03 DETAILED LAYOUT SHEET.

Table 401: Module Dimensions

Module Manufacturer and Model #:		Q.PEAK DUO BLK G10+ 415	
#	Dimension	Value	
X	Panel width	41.1"	
Y	Panel length	74"	
L	Maximum overhang length	12.00"	
#	Distance	Min.	Max.
A	Distance form the rail to end of the panel	10"	14"
B	Distance between bank rails	48"	52"
C	Distance to next bank rail	22.3"	26.3"
D	Distance between first optimizer and rail	19"	23"
E	Distance between optimizers	39"	43"

04 Mounting Details

CUSTOMER NAME		Fiona Woods	
PROJECT'S TYPE		INSTALLED POWER KWDC	
Photovoltaic residential system		8.715 kWp	
ADDRESS		GPS	
113 Academy St, Poughkeepsie, NY 12601		41.930797, -74.022426	
DESIGN ENGINEER	D.Piszczyk	LAST UPDATE	25 Nov, 2024
TECHNICAL REVIEWER	A.Jedrzejewski	REVISION	1.5
		PAGE	4 / 9

	A	B	C	D	E	F	G	H	I	
11	ELECTRICAL NOTES									11
10	1. ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE NEW AND LISTED BY RECOGNIZED ELECTRICAL TESTING LABORATORY. CUSTOM MADE EQUIPMENT SHALL HAVE COMPLETE TEST DATA SUBMITTED BY THE MANUFACTURER ATTESTING TO ITS SAFETY.			19. OUTDOOR EQUIPMENT SHALL BE AT LEAST NEMA 3R RATED.						10
	2. PV EQUIPMENT, SYSTEMS AND ALL ASSOCIATED WIRING AND INTERCONNECTION SHALL BE INSTALLED BY QUALIFIED PERSONS (NEC 690.4 E).			20. WIRING MATERIALS SHALL BE SUITABLE FOR THE SUN EXPOSURE AND WET LOCATIONS. FIELD APPLIED PROTECTIVE COATINGS ARE NOT ACCEPTABLE.						
	3. THE PHOTOVOLTAIC SYSTEM CONDUCTORS SHALL BE IDENTIFIED AND GROUPED, THE MEANS OF IDENTIFICATION SHALL BE PERMITTED BY SEPARATE COLOR CODING, MARKING TAPE, TAGGING OR OTHER APPROVED MEANS. (NEC 690.4 B).			21. ALL SPECIFIC WIRING IS BASED ON USE OF COPPER UNLESS NOTED OTHERWISE.						
9	4. ALL METALLIC RACEWAY AND EQUIPMENT SHALL BE BONDED AND ELECTRICALLY CONTINUOUS AND GROUNDED. (NEC 250.96)			22. NAMEPLATES SHALL BE PROVIDED FOR ALL CIRCUITS IN THE SERVICE DISTRIBUTION AND POWER DISTRIBUTION SWITCH BOARDS, PANEL BOARDS, DISCONNECTING SWITCHES, TERMINAL CABINETS, ETC. ALL NAMEPLATES SHALL BE PERMANENTLY ATTACHED.						9
	5. GROUNDING BUSHINGS ARE REQUIRED AROUND PRE–PUNCHED CONCENTRIC KNOCKOUTS ON THE DC SIDE OF THE SYSTEM (NEC 250.97).			23. JUNCTION BOXES, PULL AND OUTLET LOCATED BEHIND MODULES SHALL BE SO INSTALLED THAT WIRING CONTAINED IN THEM CAN BE RENDERED ACCESSIBLE FASTENERS AND CONNECTED BY A FLEXIBLE WIRING SYSTEM. (NEC 690.34)						
8	6. GROUNDING ELECTRODE CONDUCTOR WILL BE CONTINUOUS, EXCEPT FOR SPLICES OR JOINTS AT BUSBARS WITH IN LISTED EQUIPMENT (NEC 250.64 C).			24. ALL PHOTOVOLTAIC MODULES AND ASSOCIATED EQUIPMENT AND WIRING MATERIAL SHALL BE PROTECTED FROM ANY PHYSICAL DAMAGE.						8
	7. MODULES AND SUPPORT SHALL BE GROUNDED.			25. SEE PROVIDED CUT SHEETS FOR ADDITIONAL EQUIPMENT SPECIFICATIONS.						
7	8. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS OF SERVICE POINTS AND SERVICE SIZES WITH THE SERVING UTILITY COMPANY AND COMPLY WITH ALL THE UTILITY COMPANIES REQUIREMENTS. IF THE SOLAR BACK FEED BREAKER IS OVER THE BUS SIZE 20% LIMIT, CONTRACTOR SHALL INCLUDE THE COST TO REPLACE MAIN BREAKER OR ENLARGE THE MAIN CAPACITY.			26. WIDTH OF WORKING SPACE SHALL BE THE WIDTH OF THE EQUIPMENT OR 30”, WHICHEVER IS GREATER (NEC 2017 110.32).						7
	9. IF THE DISTANCES FOR CABLE RUNS ARE DIFFERENT THAN SHOWN, THE CONTRACTOR SHALL NOTIFY THE ELECTRICAL ENGINEER TO VALIDATE THE WIRE SIZE. FINAL DRAWINGS WILL BE RED–LINED AND UPDATED AS APPROPRIATE.			27. HEIGHT OF WORKING SPACE SHALL BE CLEAR AND EXTEND FROM THE GRADE, FLOOR, OR PLATFORM TO A HEIGHT OF 6–1/2’ OR THE HEIGHT OF THE EQUIPMENT, WHICHEVER IS GREATER (NEC 2017 110.32).						
6	10. ALL BROCHURES, OPERATION MANUALS, CATALOGS, SHOP DRAWINGS, ETC. SHALL BE HANDED OVER TO OWNER’S REPRESENTATIVE AT THE COMPLETION OF WORK			28. THE BACKFEED SOLAR BREAKER SHOULD BE INSTALLED AT THE OPPOSITE END FROM THE MAIN BREAKER						6
	11. ROOF TOP MOUNTED PHOTOVOLTAIC MODULES SHALL BE TESTED, LISTED AND IDENTIFIED UL 1703.									
5	12. SOLAR SYSTEM SHALL NOT COVER ANY PLUMBING VENTS.									5
	13. SOLAR INVERTER MUST HAVE A MANUFACTURE INSTALLED DISCONNECTING MEANS "ANTI–ISLANDING" THAT PREVENTS PARALLEL FEEDING UTILITY LINES DURING POWER OUTAGE.									
4	14. REMOVAL OF AN INTERACTIVE INVERTER OR OTHER EQUIPMENT SHALL NOT DISCONNECT THE BONDING CONNECTION BETWEEN THE GROUNDING ELECTRODE CONDUCTOR AND THE PHOTOVOLTAIC SOURCE AND/OR OUTPUT CIRCUIT GROUNDED CONDUCTORS.									4
	15. OVERCURRENT PROTECTION FOR BOTH ALTERNATING AND DIRECT CURRENT MUST BE INSTALLED IN THE INVERTER OR FIELD AT THE TIME OF INSTALLATION.									
3	16. ALL EXTERIOR ELECTRICAL METALLIC TUBING (EMT) CONDUIT FITTING SHALL BE RAIN–TIGHT THREADLESS COMPRESSION TYPE STRAIN RELIEF POSITIONED FOR APPROPRIATE WATER RUN OFF.									3
	17. THE CONNECTORS SHALL BE OF THE LATCHING OR LOCKING TYPE. CONNECTORS THAT ARE READILY ACCESSIBLE AND THAT ARE USED IN CIRCUITS OPERATING AT OR EVER 30 VOLTS AC OR DC, SHALL REQUIRE A TOOL FOR OPENING AND ARE REQUIRED TO BE MARKED "DO NOT DISCONNECT UNDER LOAD" OR "NOT FOR CURRENT INTERRUPTING " 690.33 (C) & (E). THERE IS AN EXACT MATCH WITH THE SOURCE CONDUCTOR CONNECTORS AND THE MODULE MANUFACTURER’S CONNECTORS.									
2	18. CONDUIT RUNS SHALL BE PROVIDED WITH SUFFICIENT WEATHERPROOF PULL BOXES OF JUNCTION BOXES/COMBINER BOXES PER NEC 2017 CHAPTER 3 ARTICLE 342.26 REQUIREMENTS (360 DEGREE RULE).									2
1										1
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	A	B	C	D	E	F	G	H	I	

06a Electrical & Conduit Notes

CUSTOMER NAME

Fiona Woods

PROJECT'S TYPE

INSTALLED POWER kWDC

Photovoltaic residential system

8.715 kWp

ADDRESS

GPS

113 Academy St,
Poughkeepsie, NY 12601

41.930797, –74.022426

DESIGN ENGINEER

LAST UPDATE

PAGE

D.Piszczek

25 Nov, 2024

6a /9

TECHNICAL REVIEWER

REVISION

A.Jedrzejewski

1.5

IGS

INTELLIGENT GREEN SOLUTIONS

Page 65 of 95

06a Electrical & Conduit Notes

CUSTOMER NAME

Fiona Woods

PROJECT'S TYPE

Photovoltaic residential system

INSTALLED POWER KWDC

8.715 kWp

ADDRESS

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DESIGN ENGINEER

D.Piszczek

LAST UPDATE

25 Nov, 2024

PAGE

6a /9

TECHNICAL REVIEWER

A.Jedrzejewski

REVISION

1.5

 INTELLIGENT GREEN SOLUTIONS

Wire Size	Temperature rating		
	75°C (THHN—THWN) Copper conductors*	Dwelling (SEU) Copper conductors**	Dwelling (SER) Aluminum conductors**
14 AWG	20A	—	—
12 AWG	25A	—	—
10 AWG	35A	—	—
8 AWG	50A	—	—
6 AWG	65A	—	—
4 AWG	85A	100A	—
3 AWG	100A	—	—
2 AWG	115A	125A	100A
1 AWG	130A	150A	110A
1/0 AWG	150A	175A	125A
2/0 AWG	175A	200A	150A
3/0 AWG	200A	225A	175A
4/0 AWG	230A	250A	200A

AWG	mm2	mm
14	2.5	1.9
12	4	2.4
10	6	2.9
8	10	3.7
6	16	4.6
4	25	5.7
2	35	6.7
1	50	7.8
1/0	55	—
2/0	65	—
3/0	85	—
4/0	110	—

* PER 2020 NEC TABLE 310.15(B)(16)
"CONDUCTOR AMPACITIES"

** PER 2020 NEC 310.15(B)(7) "SINGLE-PHASE DWELLING SERVICES AND FEEDERS"

Bus Rating	Main Breaker	Allowable Solar Breaker*	Additional Amps*	Allowable Inverter Size*
200A	200A	40A	–	SE7600H–US
200A	175A	65A	+ 25A	2x SE5000H–US
200A	150A	90A	+ 50A	2x SE7600H–US
150A	150A	30A	–	SE5000H–US
150A	125A	55A	+ 25A	SE7600H–US
125A	125A	25A	–	SE3800H–US
125A	100A	50A	+ 25A	SE7600H–US
100A	100A	20A	–	SE3800H–US
100A	80A	40A	+ 20A	SE7600H–US

Table 603b: Sub Panel Breaker Derating for SPV Installations				
200A Service (40A – Maximum solar amps)				
Bus Rating	Sub Breaker	Allowable Solar Breaker*	Additional Amps*	Allowable Inverter Size*
150A	150A	30A	–	SE5000H–US
150A	125A	40A	+ 10A	SE7600H–US
125A	125A	25A	–	SE3800H–US
125A	110A	40A	+ 15A	SE7600H–US
100A	100A	20A	–	SE3800H–US
100A	90A	30A	+ 10A	SE5000H–US
100A	80A	40A	+ 20A	SE7600H–US
50A	50A	10A	–	–
50A	40A	20A	+ 10A	SE3800H–US
175A Derated Service (65A – Maximum solar amps)				
150A	150A	30A	–	SE5000H–US
150A	125A	45A	+ 15A	SE7600H–US
125A	125A	25A	–	SE3800H–US
125A	110A	40A	+ 15A	SE7600H–US
125A	100A	50A	+ 25A	SE7600H–US
100A	100A	20A	–	SE3800H–US
100A	90A	30A	+ 10A	SE5000H–US
100A	80A	40A	+ 20A	SE7600H–US
50A	50A	10A	–	–
50A	40A	20A	+ 10A	SE3800H–US

* PER 2020 NEC 705.12(D)(2)

** SOLAR BREAKER MUST BE INSTALLED ON THE OPPOSITE
SIDE TO THE MAIN BREAKER

Wire Size	Allowable conductors			
	Conduit diameter			
	3/4"	1"	1-1/2"	2"
12 AWG	4	7	18	29
	1 string	3 strings	8 strings	12 strings
10 AWG	3	6	14	23
	1 string	2 strings	6 strings	10 strings
8 AWG	2	4	10	17
	–	1 string	4 strings	7 strings

Table 605a: PV wire PVC Sch40 conduit fill table, 40% fill				
Wire Size	Allowable conductors			
	Conduit diameter			
	3/4"	1"	1-1/2"	2"
12 AWG	4	7	16	28
	1 string	3 strings	7 strings	12 strings
10 AWG	3	5	13	22
	1 string	2 strings	5 strings	9 strings
8 AWG	2	4	10	17
	—	1 string	4 strings	7 strings

Table 606a: PV wire FMC conduit fill table, 40% fill				
Wire Size	Allowable conductors			
	Conduit diameter			
	3/4"	1"	1-1/2"	2"
12 AWG	4	6	15	27
	1 string	2 strings	6 strings	12 strings
10 AWG	3	5	12	21
	1 string	2 strings	5 strings	9 strings
8 AWG	2	4	9	16
	—	1 string	4 strings	7 strings

Wire Size	Allowable conductors			
	Conduit diameter			
	3/4"	1"	1–1/2"	2"
14 AWG	18	30	72	118
12 AWG	13	22	52	87
10 AWG	9	15	35	59
8 AWG	5	8	19	32
6 AWG	4	7	16	27
4 AWG	2	4	9	15
3 AWG	2	3	8	13
2 AWG	1	2	6	11
1 AWG	1	2	5	8
1/0 AWG	1	1	4	6
2/0 AWG	0	1	3	5
3/0 AWG	0	1	2	4
4/0 AWG	0	1	2	3

Wire Size	Allowable conductors			
	Conduit diameter			
	3/4"	1"	1-1/2"	2"
14 AWG	16	28	67	113
12 AWG	12	20	49	83
10 AWG	8	13	33	56
8 AWG	4	7	18	30
6 AWG	3	6	15	26
4 AWG	2	3	8	15
3 AWG	1	3	7	12
2 AWG	1	2	6	10
1 AWG	1	1	4	8
1/0 AWG	0	1	3	6
2/0 AWG	0	1	3	5
3/0 AWG	0	1	2	4
4/0 AWG	0	0	2	3

Wire Size	Allowable conductors			
	Conduit diameter			
	3/4"	1"	1-1/2"	2"
14 AWG	18	27	62	111
12 AWG	13	20	45	81
10 AWG	9	13	31	55
8 AWG	4	7	17	30
6 AWG	4	6	14	25
4 AWG	2	3	8	14
3 AWG	2	3	6	12
2 AWG	1	2	5	10
1 AWG	1	1	4	7
1/0 AWG	1	1	3	6
2/0 AWG	0	1	3	5
3/0 AWG	0	1	2	4
4/0 AWG	0	0	2	3

Table 607: DC String Combining		
Inverter Size [kW]	Allowable combination	
	Amps	Strings
3.0	8.5	1
3.8	10.5	1
5.0	13.5	2
6.0	16.5	2
7.6	20.0	2
10.0	27.0	3
11.4	31.0	3

Table 608: DC Copper Ground Wire Sizing		
Wire size	Max. Amps	Max. Strings
#14	15	1
#12	20	1
#10	60	5
#8	100	8

Circuit size [A]	Allowable wire length [FT]	Voltage Drop [%]	Wire size [AWG]
20	85	2.97%	10 Cu
30	55	2.89%	10 Cu
35	70	2.82%	8 Cu
40	65	2.99%	8 Cu
60	55	2.98%	6 Cu
80	60	2.84%	4 Cu
100	50	2.99%	2 Al

06b Electrical & Conduit Notes			
CUSTOMER NAME		Fiona Woods	
PROJECT'S TYPE		INSTALLED POWER kWDC	
Photovoltaic residential system		8.715 kWp	
ADDRESS 113 Academy St, Poughkeepsie, NY 12601		GPS 41.930797, -74.022426	
DESIGN ENGINEER D.Piszczek	LAST UPDATE 25 Nov, 2024	PAGE 6b / 9	
TECHNICAL REVIEWER A.Jedrzejewski	REVISION 1.5		

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CONDUIT NOTES

1. EMT CONDUIT SHALL BE SECURED AT MINIMUM EVERY 10'
2. FIRST EMT SUPPORT POINT SHALL BE LOCATED WITHIN 3' FROM THE TRANSITION POINT
3. CONDUIT RUNS SHALL BE PROVIDED WITH SUFFICIENT WEATHERPROOF PULL BOXES OF JUNCTION BOXES/COMBINER BOXES PER APPROPRIATE NEC REQUIREMENTS.
4. PER NEC CODE 2017, 352.30 SECURING AND SUPPORTING. PVC CONDUIT SHALL BE INSTALLED AS A COMPLETE SYSTEM AS PROVIDED IN 300.18 AND SHALL BE FASTENED SO THAT MOVEMENT FROM THERMAL EXPANSION OR CONTRACTION IS PERMITTED. PVC CONDUIT SHALL BE SECURELY FASTENED AND SUPPORTED IN ACCORDANCE WITH 352.30(A) AND (B).
5. PVC CONDUIT SHALL BE SECURELY FASTENED WITHIN 900 MM (3 FT) OF EACH OUTLET BOX, JUNCTION BOX, DEVICE BOX, CONDUIT BODY, OR OTHER CONDUIT TERMINATION. CONDUIT LISTED FOR SECURING AT OTHER THAN 900 MM (3 FT) SHALL BE PERMITTED TO BE INSTALLED IN ACCORDANCE WITH THE LISTING.
6. ALL RACEWAYS REQUIRE PROTECTIVE BUSHING INSTALLATION PER NEC 2017 300.4(G)
7. NON-METALLIC CONDUITS DO NOT REQUIRE GROUNDING BUSHINGS INSTALLED
8. WHEN INSTALLING PVC CONDUIT FROM ENERGY METER CABINET TO ANY ELECTRICAL EQUIPMENT IT SHOULD BE SCHEDULE 80 PVC

INSTALLING A JUNCTION BOX

1. REMOVE THE COVER. NOTE: LATER NO CONNECTIONS CAN BE MADE THAT PREVENT COVER FROM BEING OPENED AS NEEDED FOR SERVICE.
2. DRILL THE NUMBER OF HOLES IN THE SIDES OF THE ELECTRICAL J-BOX THAT ARE NEEDED, IN THE SIZES NEEDED FOR THE CONDUIT YOU ARE USING. MAKE SURE TO LINE UP CORRECTLY SO EMT OR OTHER FITTINGS WILL BE ABLE TO BE SECURED IN LINE WHEN DONE. REMEMBER: CONNECTIONS CAN ONLY BE MADE ON 4 SIDES (NEITHER "TOP" – COVER NOR "BOTTOM" – OPPOSITE SIDE TO COVER)
3. ANCHOR THE BOX TO THE WALL/RAIL WITH SCREWS THROUGH THE FACTORY-MADE HOLES IN THE BACK OR SIDE OF THE BOX (IF APPLICABLE).
4. ATTACH THE NECESSARY PVC/EMT CONNECTION FITTINGS. FOR A WATERTIGHT CONNECTION USE MALE TERMINAL ADAPTERS AND WASHERS.
5. ATTACH THE CONDUIT TO THE BOX ADAPTER
6. PUSH WIRES THROUGH THE CONDUIT INTO THE JUNCTION BOX AND THEN TO NEXT CONDUIT. A REMINDER: J-BOX WIRING SHOULD ALWAYS HAVE SLACK IN IT, SO THAT YOU CAN ALWAYS ADD OR CHANGE ANYTHING WITHOUT HAVING TO REWIRE ANYTHING. (A LOOP WOULD BE GOOD -> SHOWN IN PHOTO)
7. ATTACH THE COVER WITH THE SCREWS.

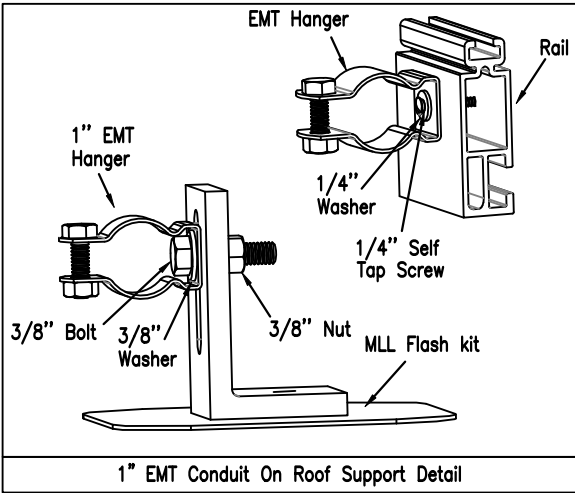
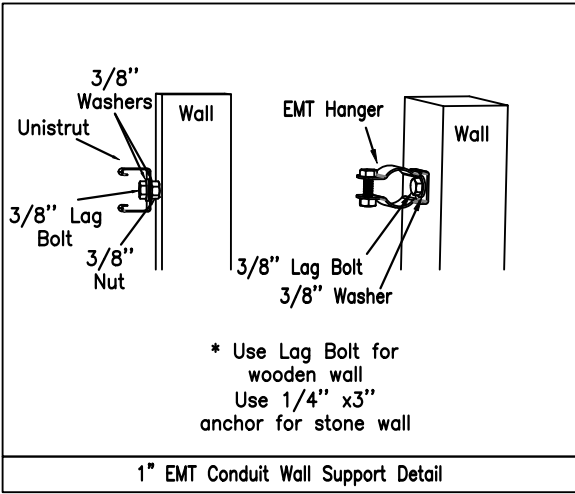
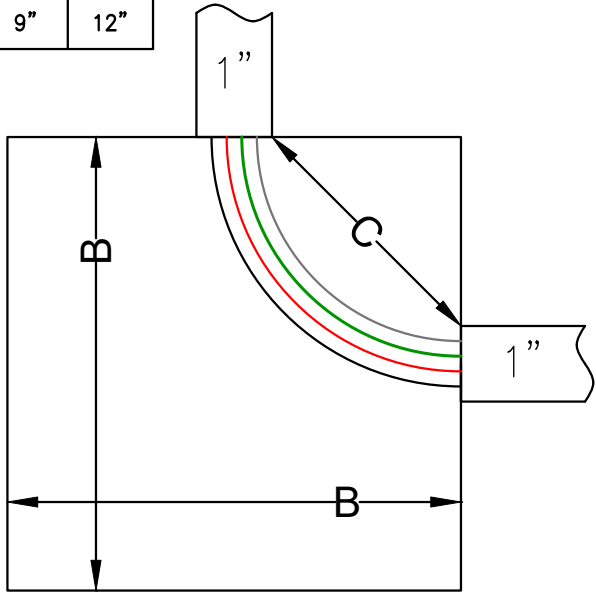
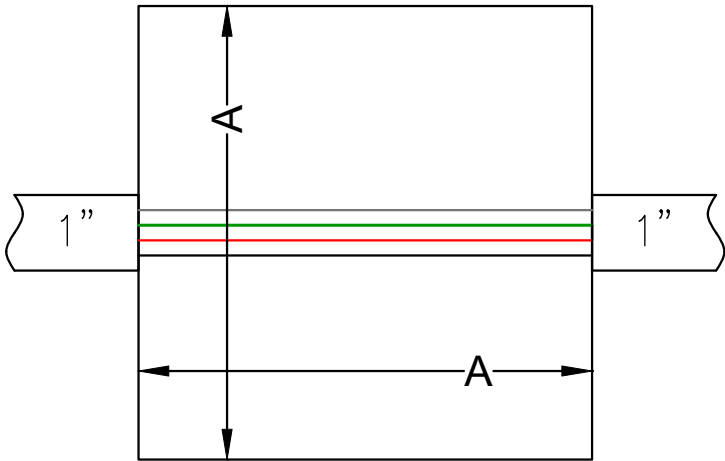
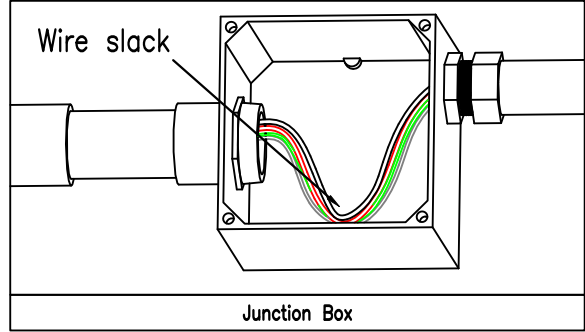


Table 610: Junction box sizing table for 4AWG or larger conductors per NEC 2020 314.28(A)(1) and 314.28(A)(2)					
#	Pull type	Largest raceway			
		3/4"	1"	1-1/2"	2"
A	Straight pull	6"	8"	12"	16"
B	Angle Pull	4.5"	6"	9"	12"
C	Same conductor conduit distance	4.5"	6"	9"	12"

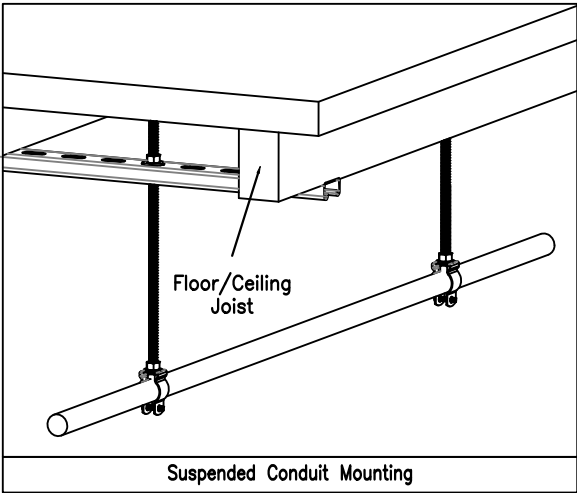
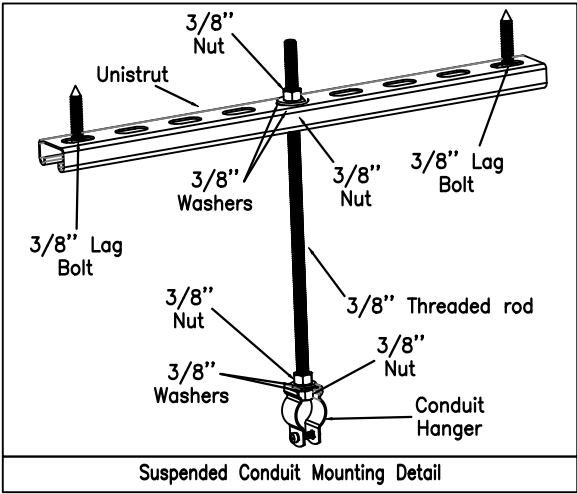
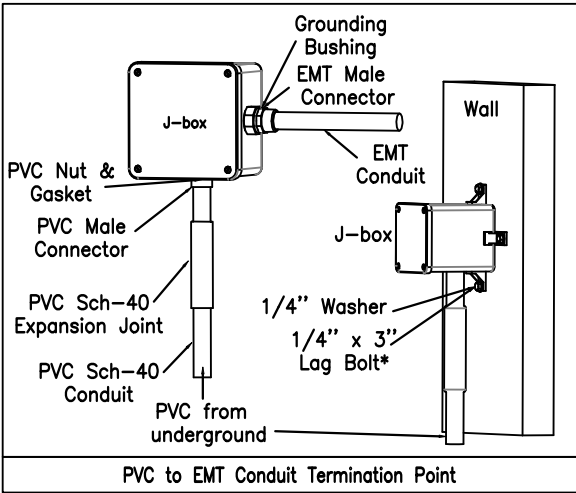
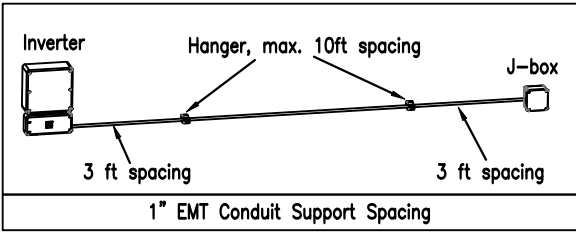
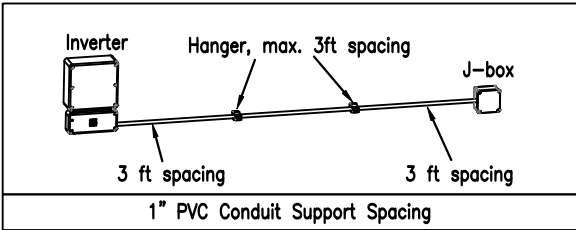
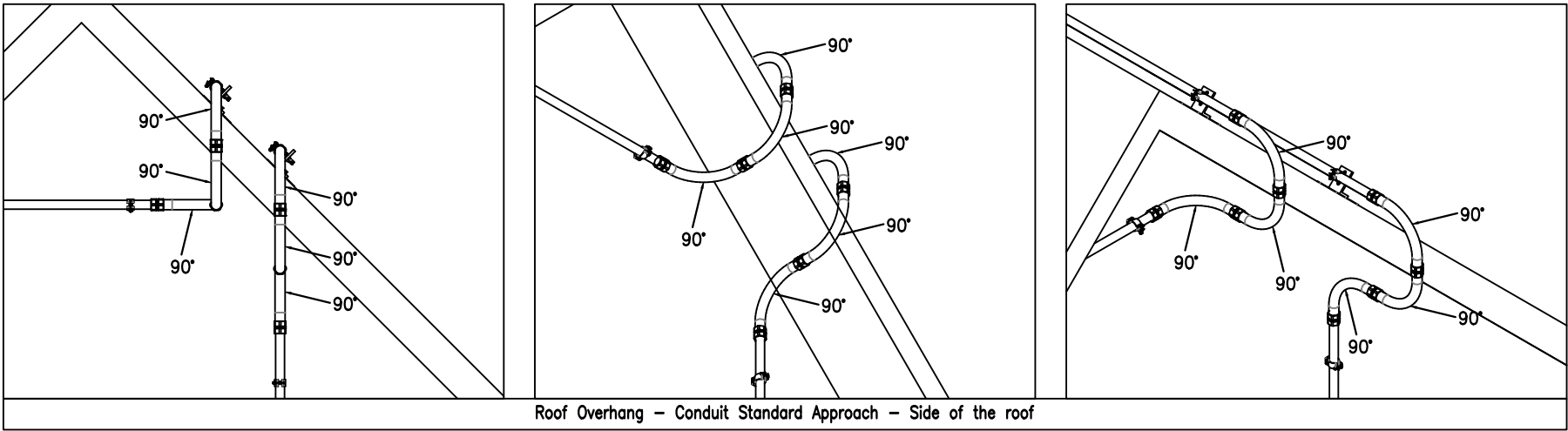
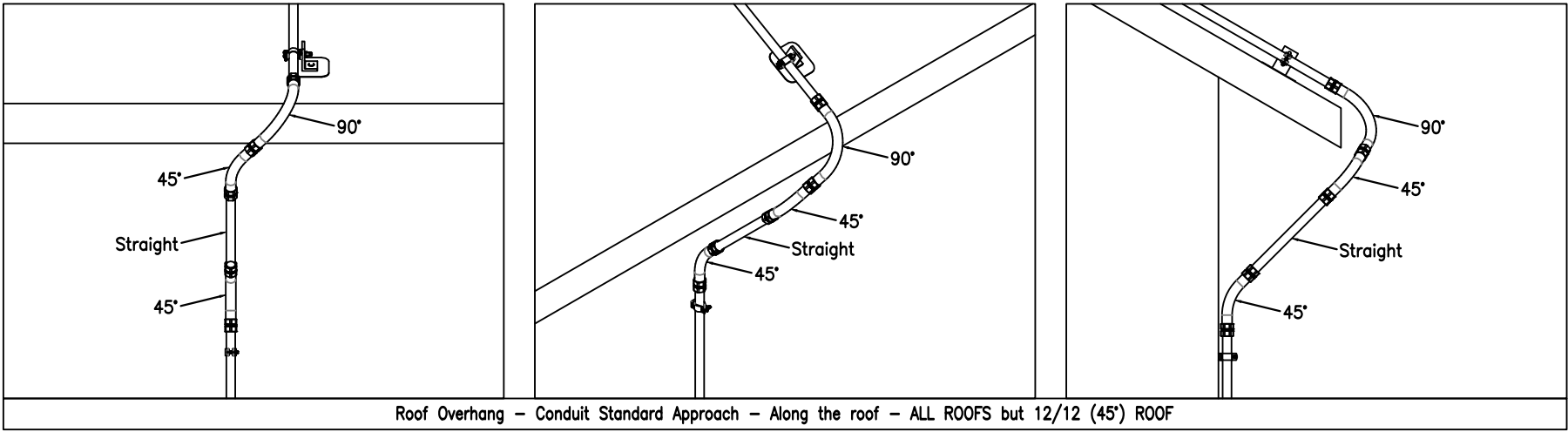
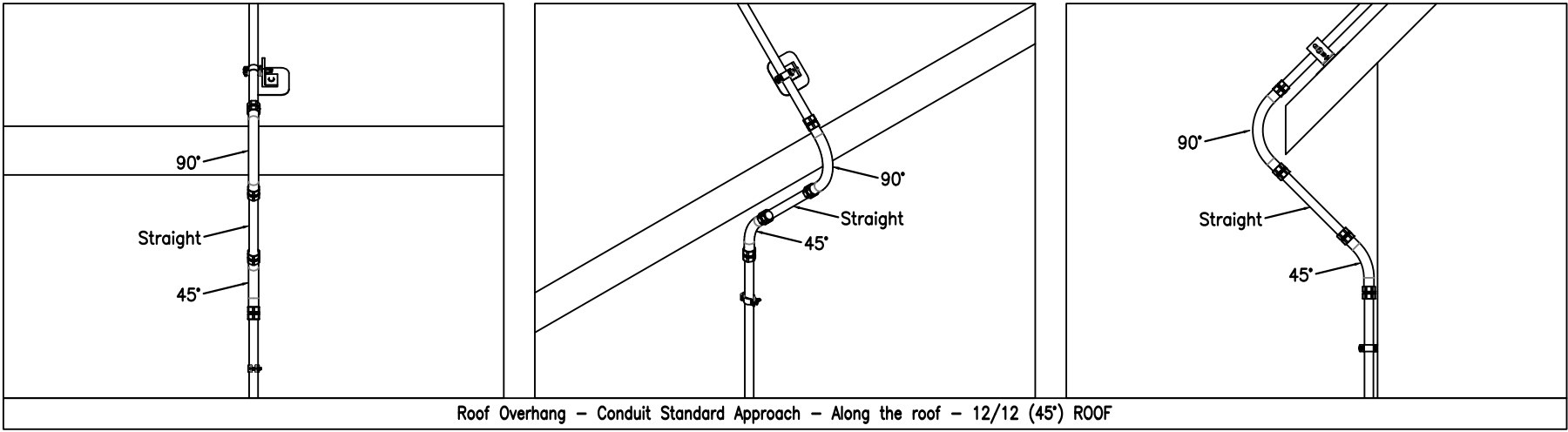


Table 611: Junction box fill table per NEC 2020 314.16(A)				
Wire Size	Allowable conductors			
	Box size			
	4"x4"x4"	6"x6"x4"	12"x12"x6"	12"x12"x10"
18 AWG	37	96	576	1706
16 AWG	32	82	493	1462
14 AWG	28	72	432	1280
12 AWG	24	64	384	1137
10 AWG	22	57	345	1024
8 AWG	18	48	288	853
6 AWG	11	28	172	512

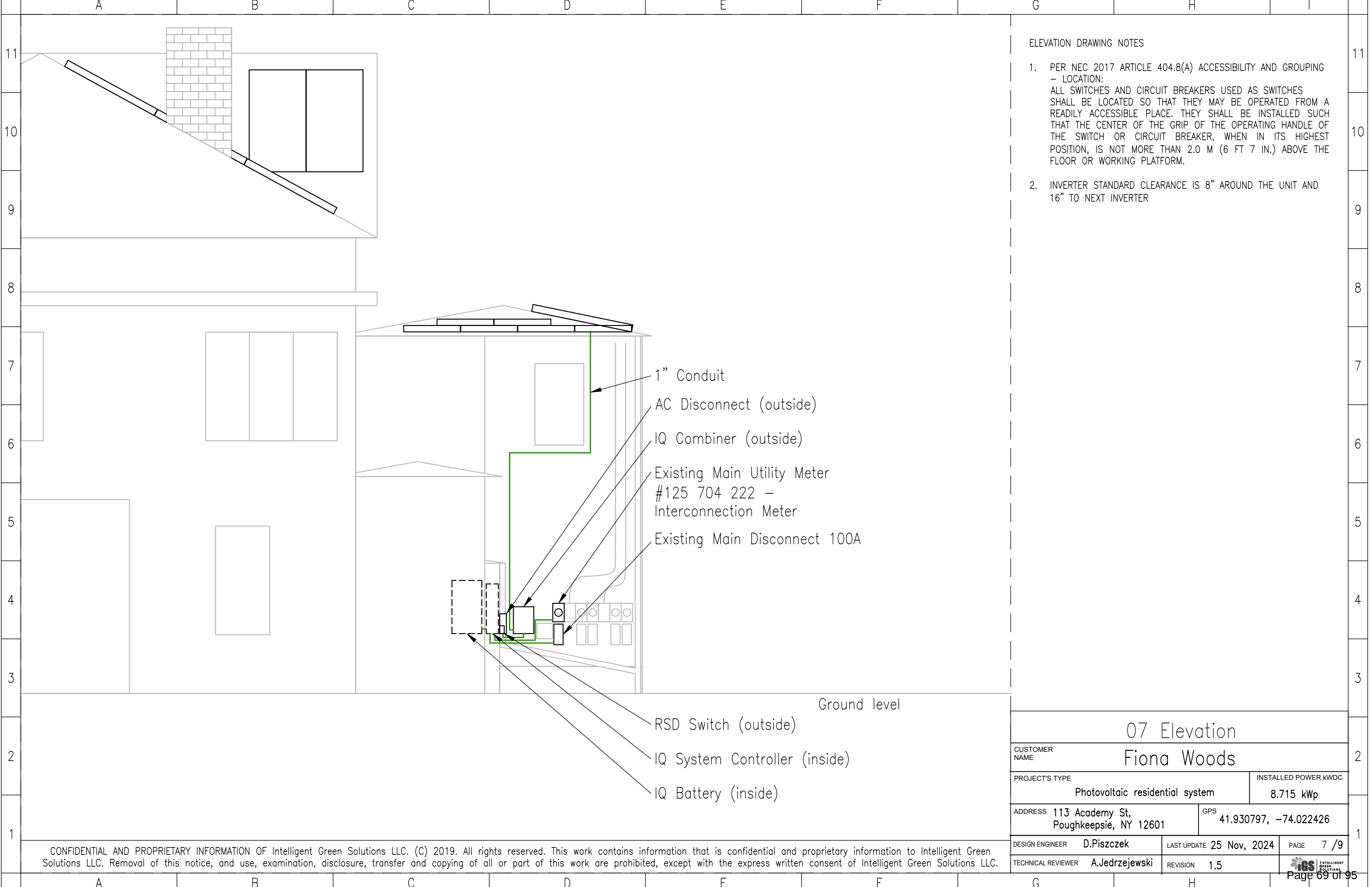
06c Electrical & Conduit Notes

CUSTOMER NAME Fiona Woods			
PROJECT'S TYPE Photovoltaic residential system		INSTALLED POWER kWDC 8.715 kWp	
ADDRESS 113 Academy St, Poughkeepsie, NY 12601		GPS 41.930797, -74.022426	
DESIGN ENGINEER D.Piszcze	LAST UPDATE 25 Nov, 2024		PAGE 6c / 9
TECHNICAL REVIEWER A.Jedrzejewski	REVISION 1.5		IGS INTELLIGENT GREEN SOLUTIONS

Table 612: Along the roof – Estimated straight EMT pipe length				
		Overhang length		
		12"	16"	24"
Slope	3:12 (15°)	9	15	26
	5:12 (22.5°)	9	14.5	25.5
	7:12 (30°)	8.5	14	25.5
	12:12 (45°)	7.5	13	24.5
	20:12 (60°)	5.5	11.5	22.5



06d Electrical & Conduit Notes			
CUSTOMER NAME		Fiona Woods	
PROJECT'S TYPE		Photovoltaic residential system	INSTALLED POWER kWDC 8.715 kWp
ADDRESS		113 Academy St, Poughkeepsie, NY 12601	GPS 41.930797, -74.022426
DESIGN ENGINEER	D.Piszczek	LAST UPDATE	25 Nov, 2024
TECHNICAL REVIEWER	A.Jedrzejewski	REVISION	1.5
		PAGE	6d / 9



ELEVATION DRAWING NOTES

- PER NEC 2017 ARTICLE 404.8(A) ACCESSIBILITY AND GROUPING – LOCATION:
ALL SWITCHES AND CIRCUIT BREAKERS USED AS SWITCHES SHALL BE LOCATED SO THAT THEY MAY BE OPERATED FROM A READILY ACCESSIBLE PLACE. THEY SHALL BE INSTALLED SUCH THAT THE CENTER OF THE GRIP OF THE OPERATING HANDLE OF THE SWITCH OR CIRCUIT BREAKER, WHEN IN ITS HIGHEST POSITION, IS NOT MORE THAN 2.0 M (6 FT 7 IN.) ABOVE THE FLOOR OR WORKING PLATFORM.
- INVERTER STANDARD CLEARANCE IS 8” AROUND THE UNIT AND 16” TO NEXT INVERTER

07 Elevation

CUSTOMER NAME			Fiona Woods		
PROJECT'S TYPE			Photovoltaic residential system		
INSTALLED POWER kWDC			8.715 kWp		
ADDRESS			113 Academy St, Poughkeepsie, NY 12601		
GPS			41.930797, -74.022426		
DESIGN ENGINEER		D.Piszczek		LAST UPDATE	
TECHNICAL REVIEWER		A.Jedrzejewski		REVISION	
				25 Nov, 2024	
				1.5	
				PAGE	
				7 /9	

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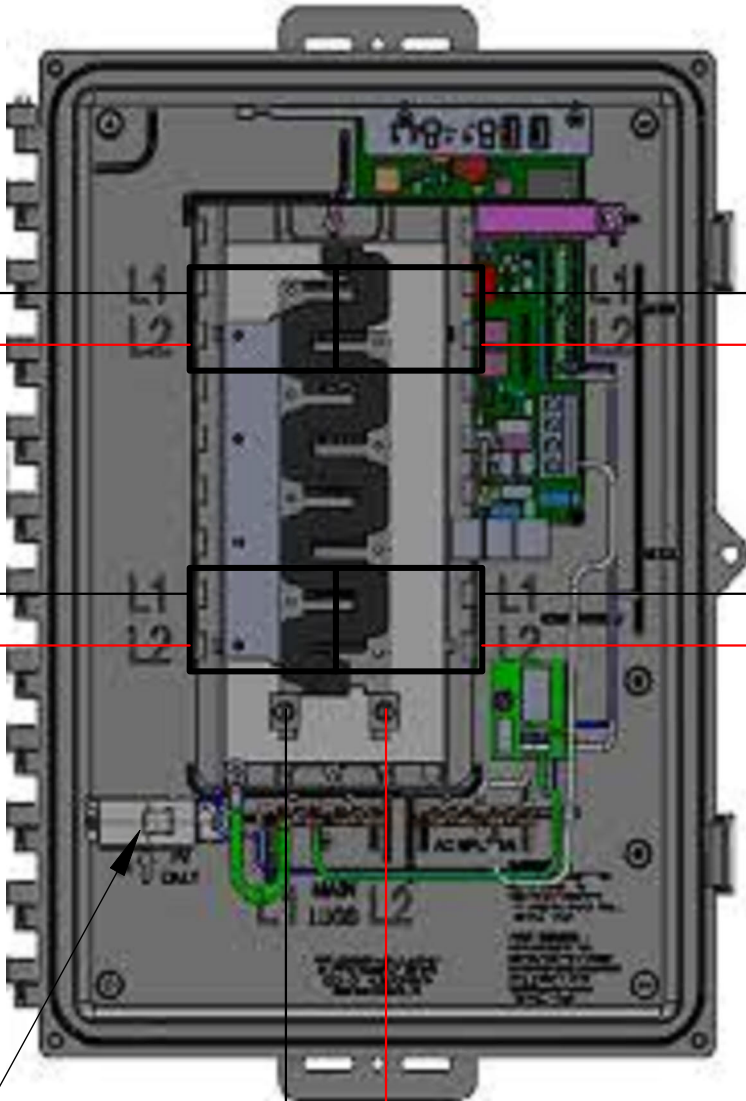
1

BREAKER 3 – L1
BREAKER 3 – L2

BREAKER 4 – L1
BREAKER 4 – L2

BREAKER 1 – L1
BREAKER 1 – L2

BREAKER 2 – L1
BREAKER 2 – L2



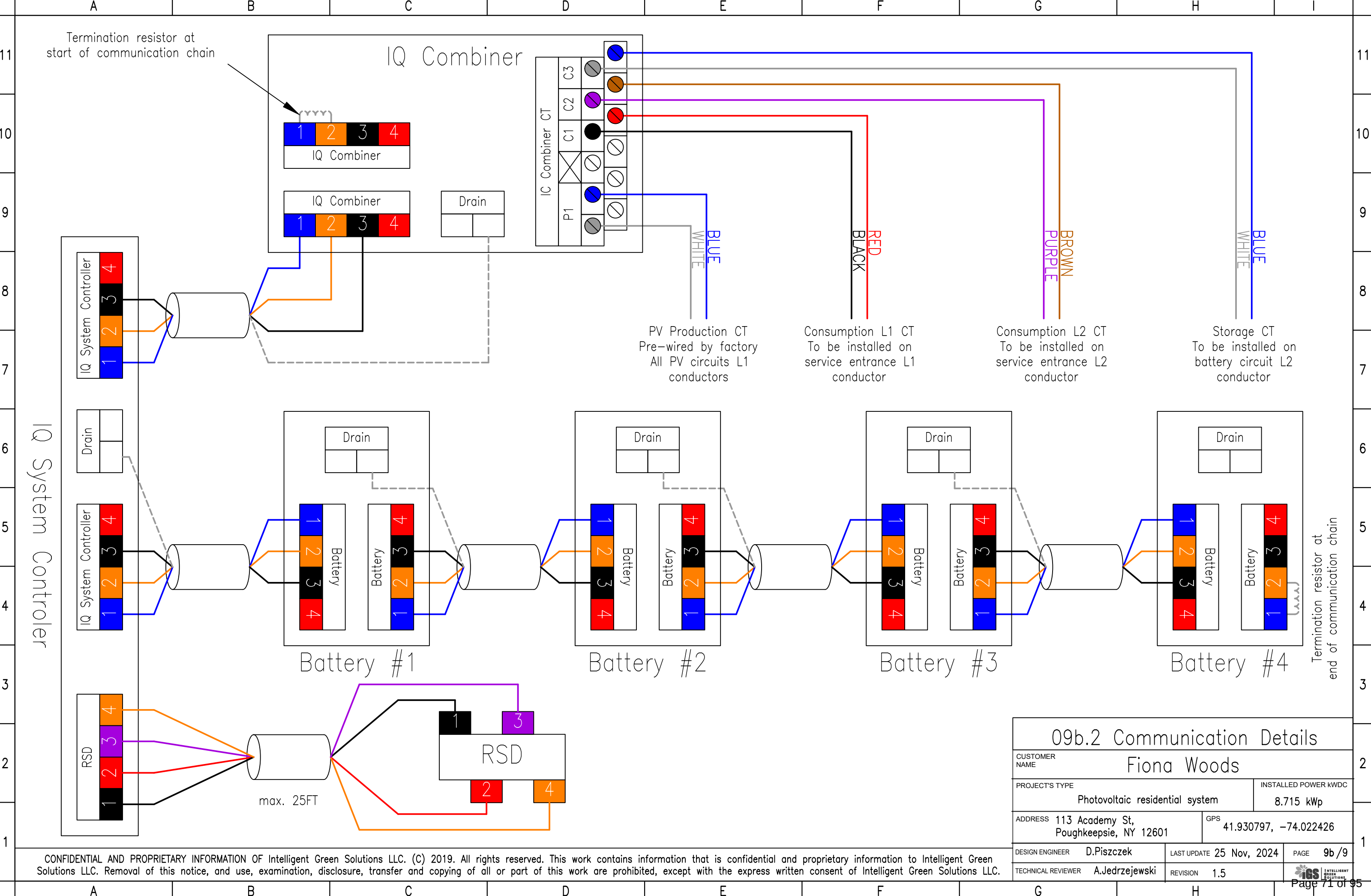
OUTPUT – L1

OUTPUT – L2

PRODUCTION CT
ALL L1 CONDUCTORS SHOULD
BE PULLED THROUGH CT RING

09a IQ Combiner Details
Fiona Woods

CUSTOMER NAME			Fiona Woods		
PROJECT'S TYPE			INSTALLED POWER kWDC		
Photovoltaic residential system			8.715 kWp		
ADDRESS			GPS		
113 Academy St, Poughkeepsie, NY 12601			41.930797, –74.022426		
DESIGN ENGINEER		D.Piszcze	LAST UPDATE		25 Nov, 2024
TECHNICAL REVIEWER		A.Jedrzejewski	REVISION		1.5
			PAGE		9a/9



Termination resistor at start of communication chain

IQ Combiner

IC Combiner CT

PV Production CT
Pre-wired by factory
All PV circuits L1
conductors

Consumption L1 CT
To be installed on
service entrance L1
conductor

Consumption L2 CT
To be installed on
service entrance L2
conductor

Storage CT
To be installed on
battery circuit L2
conductor

IQ System Controller

Battery #1

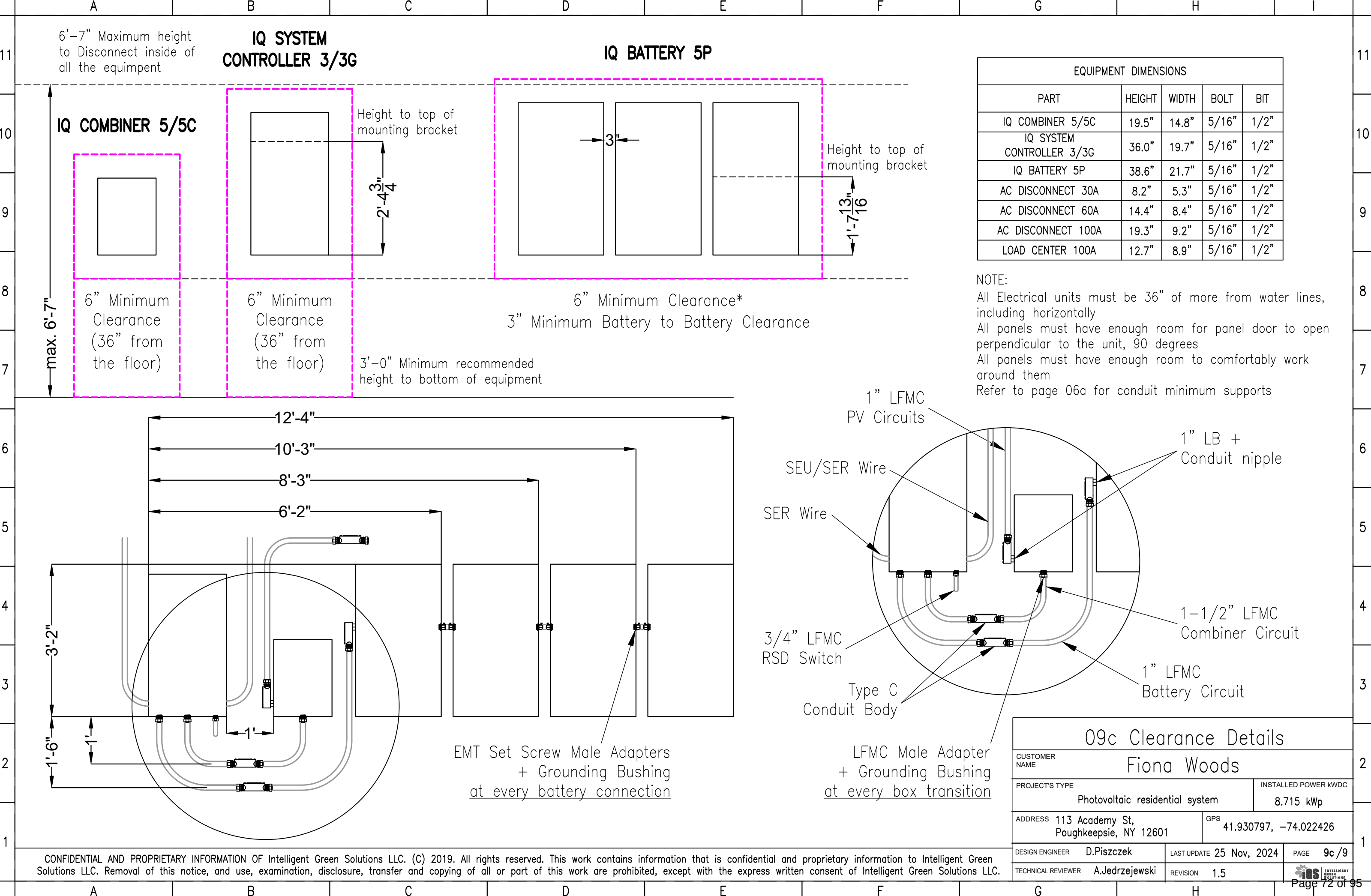
Battery #2

Battery #3

Battery #4

Termination resistor at end of communication chain

09b.2 Communication Details			
CUSTOMER NAME		Fiona Woods	
PROJECT'S TYPE		INSTALLED POWER kWDC	
Photovoltaic residential system		8.715 kWp	
ADDRESS		GPS	
113 Academy St, Poughkeepsie, NY 12601		41.930797, -74.022426	
DESIGN ENGINEER	D.Piszczek	LAST UPDATE	25 Nov, 2024
		PAGE	9b/9
TECHNICAL REVIEWER	A.Jedrzejewski	REVISION	1.5
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INSTALLING FLASHLOC RM

0. CLEAN SURFACE

IMPORTANT: Thoroughly clean roof surface with isopropyl alcohol or denatured alcohol. Bonding surfaces should be clean, dry and free of dirt or contamination. Remove all previously applied caulk, mastic or other contaminants with a wire brush. Brush away all gravel or loose granules.

1. MARK LOCATION

Mark center point locations on the roof.

2. APPLY M1 SEALANT

Apply a 5/16” bead of Chemlink M1 sealant to the entire bottom perimeter AND to the bottom of each bolt location to be used. Tool M1 sealant bead to form a smooth surface along the entire bottom perimeter.

IMPORTANT: CHEMLINK TPO PRIMER MUST BE USED ON TPO SINGLE-PLY ROOF SUBSTRATES MEMBRANES PRIOR TO INSTALLATION.

3. SECURE ATTACHMENT

Align mount using alignment marks on roof and base. Using lag bolts securely fasten attachment to the roof. Drive screws down until the base is firmly attached to the roof and the M1 sealant expands beyond the outer perimeter of the base.

Tool M1 sealant bead around entire perimeter to form a smooth fillet.

TIP: Use caution to avoid over-torquing the screws.

4. FILL BASE WITH CHEMLINK 1-PART

Completely fill base with Chemlink 1-Part sealant. Sealant must completely cover all screw heads. Do NOT overfill.

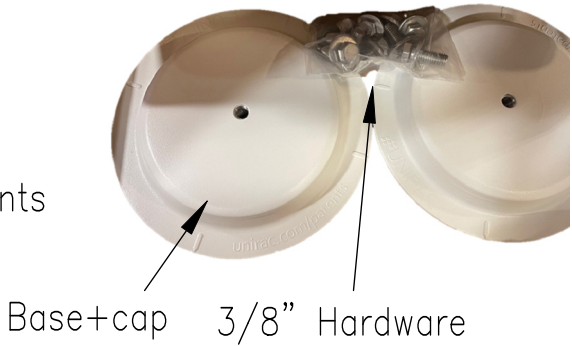
IMPORTANT: To ensure robust sealing over the life of the product, the maximum allowed gap between attachment kit strut and the top surface of the flat roof attachment is 1/16”.

5. PLACE THE CAP

Place unit-provided cap on base.

6. INSTALL PROVIDED L-BASE

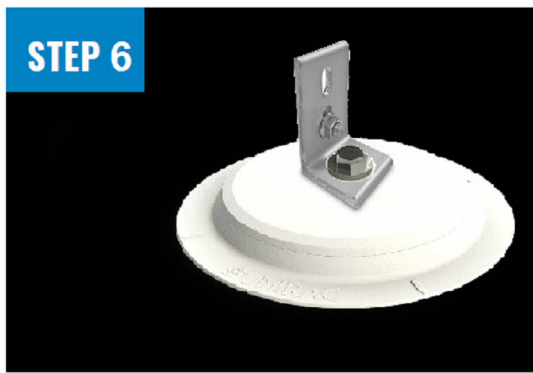
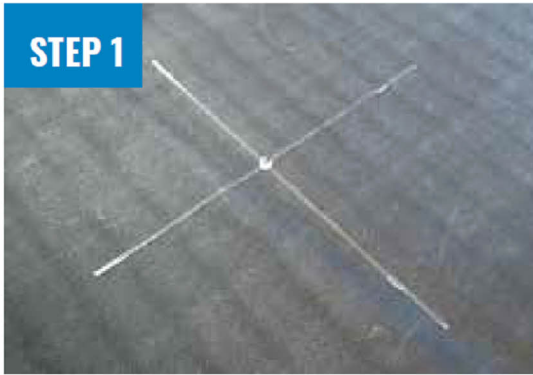
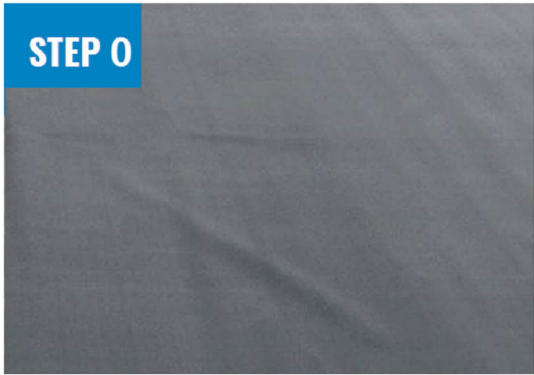
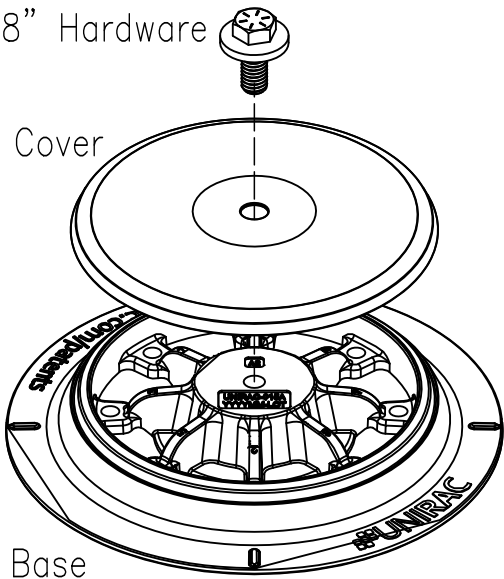
Install L-bracket racking to mount with Unirac provided 3/8” hardware.



1-Part sealant

Chemlink M1 sealant

3/8" Hardware

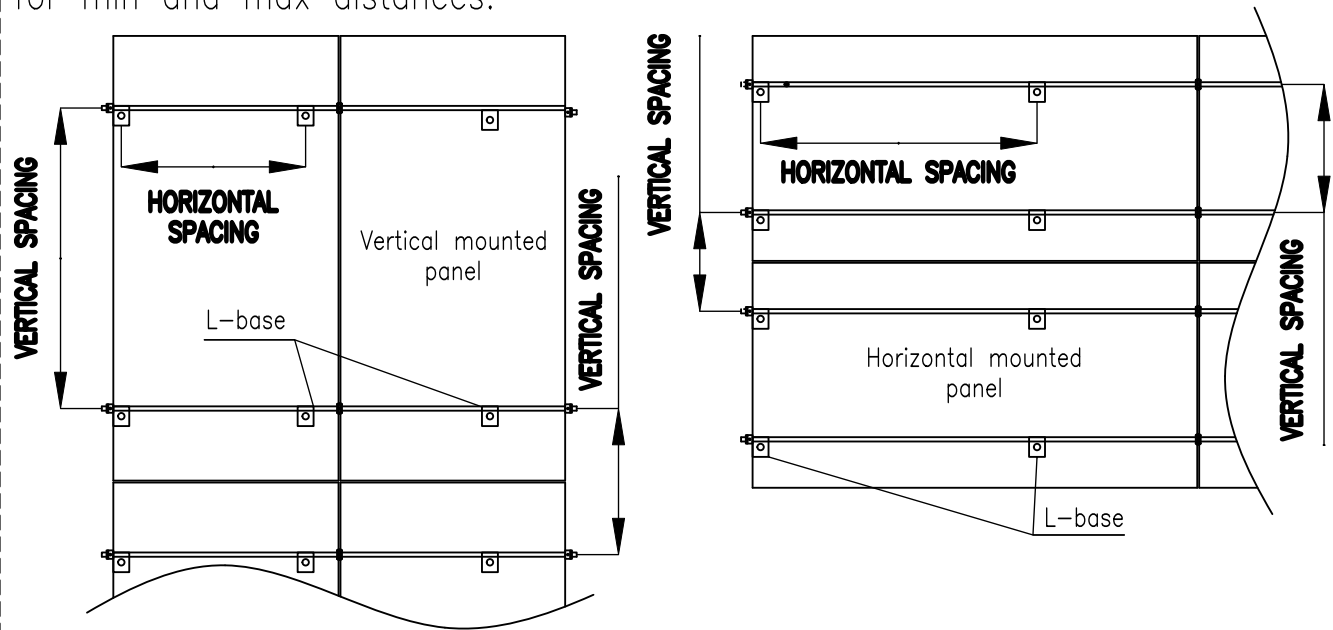


09d Rubber Roof Installation			
CUSTOMER NAME		Fiona Woods	
PROJECT'S TYPE		Photovoltaic residential system	INSTALLED POWER KWDC 8.715 kWp
ADDRESS		113 Academy St, Poughkeepsie, NY 12601	GPS 41.930797, -74.022426
DESIGN ENGINEER	D.Piszczyk	LAST UPDATE	25 Nov, 2024
TECHNICAL REVIEWER	A.Jedrzejewski	REVISION	1.5
PAGE		9d/9	

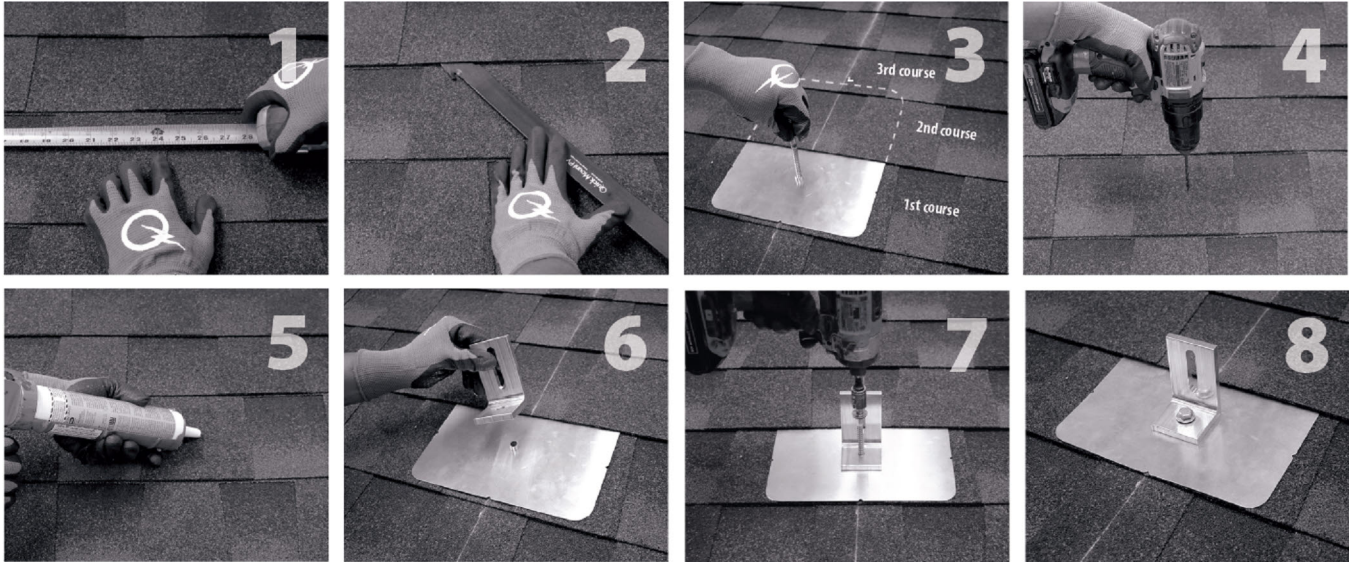
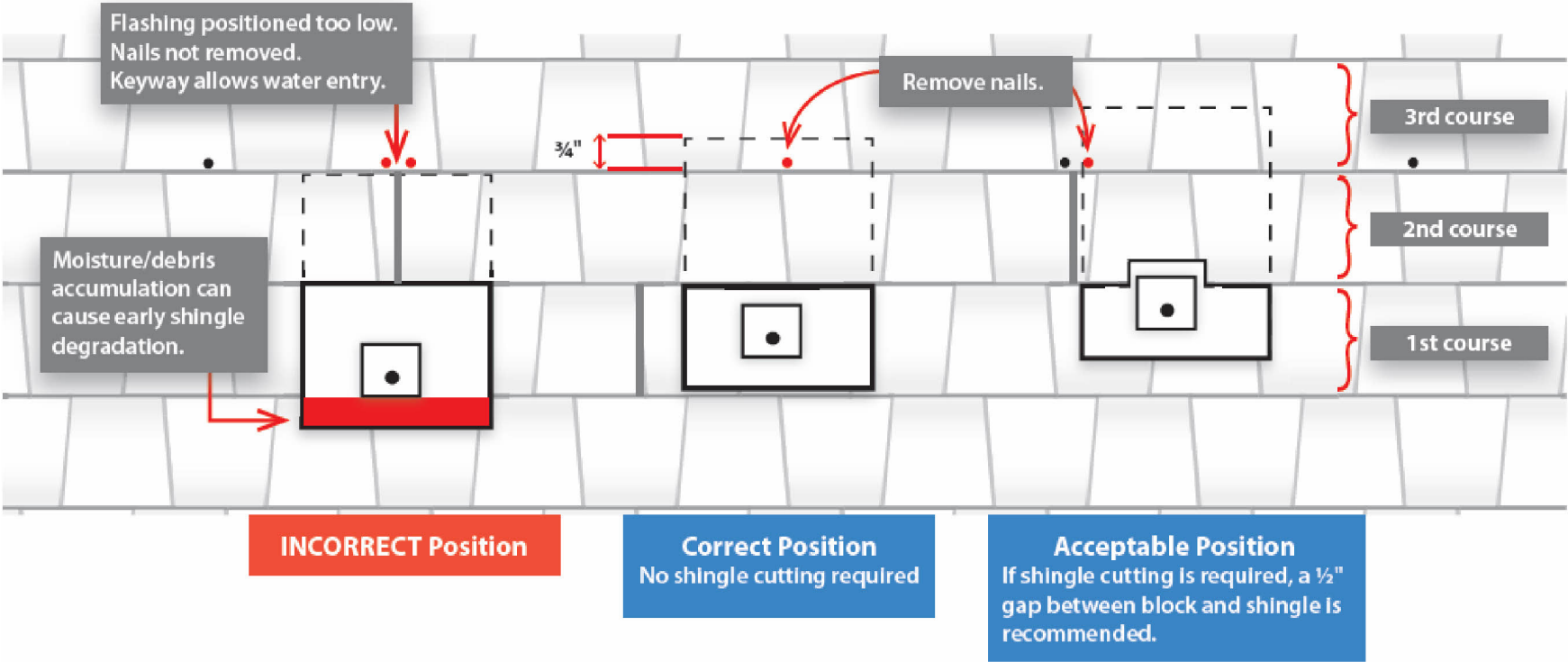
INSTALLING L-BRACKETS ON ASPHALT ROOF

1. Locate, choose, and mark centers of rafters to be mounted. Select the courses of shingles where mounts will be placed.
2. Carefully lift composition roof shingle with roofing bar, just above placement of mount. Remove nails as required and backfill holes with aproved sealant.
3. Insert flashing between 1st and 2nd course. Slide up so top edge of flashing is at least 3/4" higher than the butt-edge of the 3rd course and lower flashing edge is above the butt-edge of 1st course. Mark center for drilling.
4. Drill 2" pilot hole into roof and rafter, taking care to drill square to the roof. Do not use mount as a drill guide. Clean off any sawdust.
5. Fill hole with polyurethane sealant.
6. Place L-foot onto elevated flute and rotate L-foot to desired orientation.
7. Prepare 3/8" lag bolt, sealing washer and 3/8" washer. Using an impact gun, drive 3/8" lag bolt through L-base until L-base can no longer easily rotate. DO NOT OVERTIGHTEN, as can strip out of wood.
8. Correctly Installed Kit with L-base attached

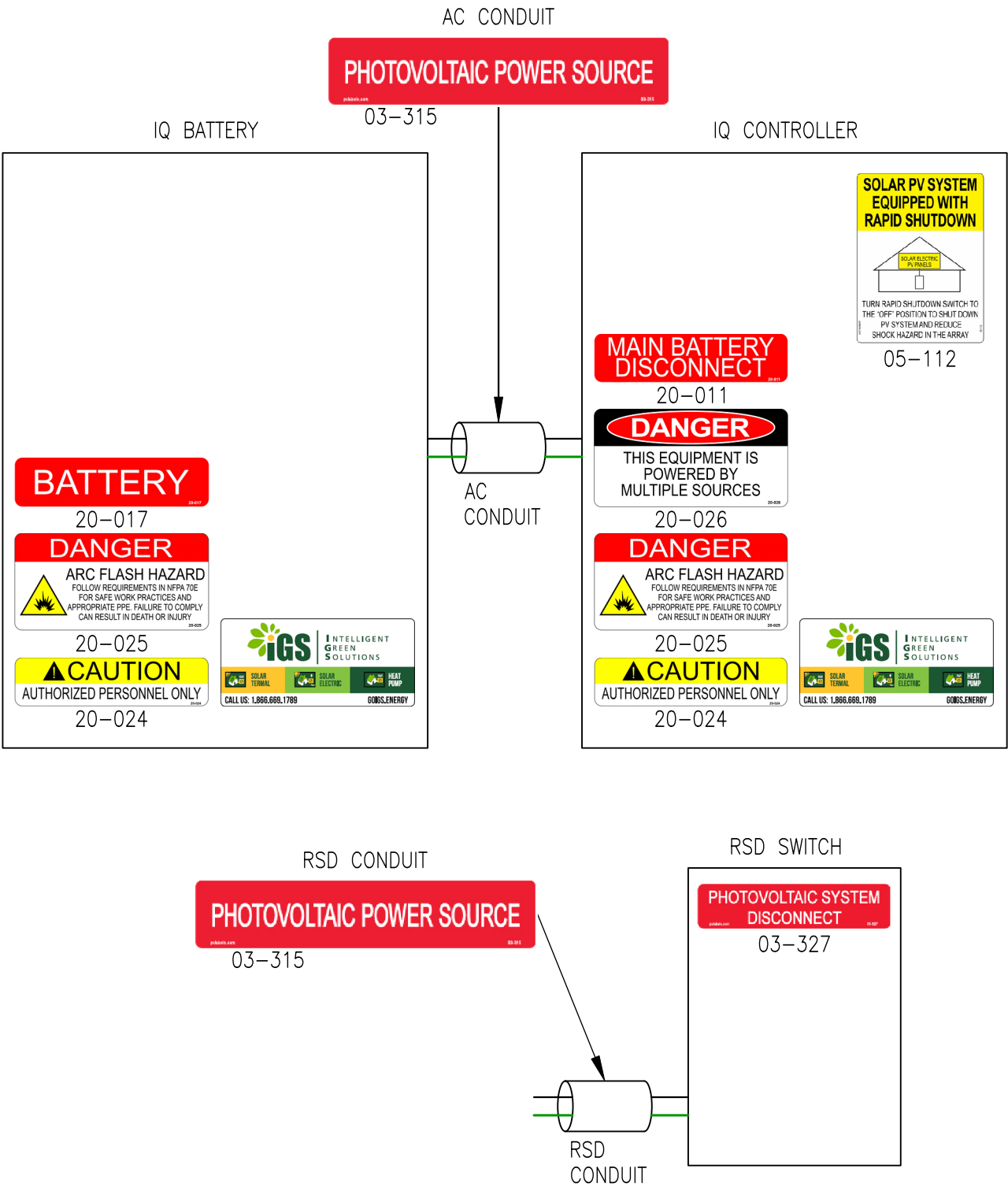
Note:
Horizontal spacing between holes should be determined by rafter spacing and commonly will be 24" or 36".
Vertical spacing between top and bottom rails (and accordingly between L-bases) for particular bank is referenced in table set 04 Mounting Details, and depends on panel sizes for min and max distances.



Proper Flashing Placement



09d Shingle Roof Installation			
CUSTOMER NAME		Fiona Woods	
PROJECT'S TYPE		Photovoltaic residential system	INSTALLED POWER kWDC 8.715 kWp
ADDRESS		113 Academy St, Poughkeepsie, NY 12601	GPS 41.930797, -74.022426
DESIGN ENGINEER	D.Piszcze	LAST UPDATE	25 Nov, 2024
TECHNICAL REVIEWER	A.Jedrzejewski	REVISION	1.5
		PAGE	9d / 9



WHOLE HOME BACKUP MAIN
PANEL (IF APPLICABLE)

Add to other stickers
required:

**BATTERY ESSENTIAL
LOADS PANEL**
20-016

CAUTION
DUAL POWER SUPPLY
SECOND SOURCE
IS A BATTERY
20-021

CRITICAL LOADS PANEL
(IF APPLICABLE)

Add to other stickers
required:

**BATTERY ESSENTIAL
LOADS PANEL**
20-016

CAUTION
DUAL POWER SUPPLY
SECOND SOURCE
IS A BATTERY
20-021

NEC Code 690.31(G)(4)

PV system DC circuit labels shall appear on every section of the wiring system that is separated by enclosures, walls, partitions, ceilings, or floors.

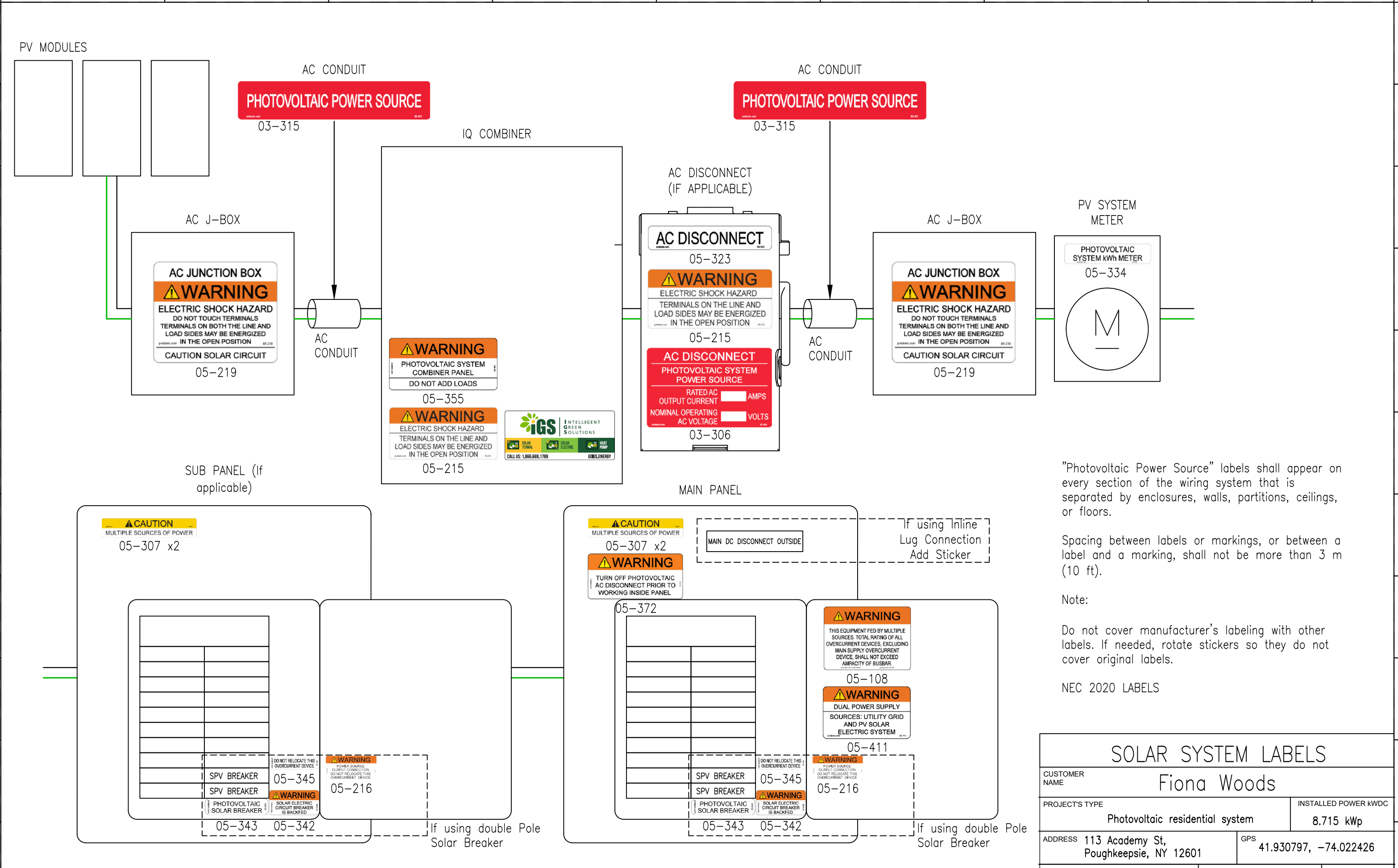
Spacing between labels or markings, or between a label and a marking, shall not be more than 3 m (10 ft).

Note:

Do not cover manufacturer's labeling with other labels. If needed, rotate stickers so they do not cover original labels.

NEC 2020 LABELS

SOLAR SYSTEM LABELS			
CUSTOMER NAME		Fiona Woods	
PROJECT'S TYPE		INSTALLED POWER KWDC	
Photovoltaic residential system		8.715 kWp	
ADDRESS 113 Academy St, Poughkeepsie, NY 12601		GPS 41.930797, -74.022426	
DESIGN ENGINEER	D.Piszcze	LAST UPDATE	25 Nov, 2024
TECHNICAL REVIEWER	A.Jedrzejewski	REVISION	1.5
		PAGE	- /9



"Photovoltaic Power Source" labels shall appear on every section of the wiring system that is separated by enclosures, walls, partitions, ceilings, or floors.

Spacing between labels or markings, or between a label and a marking, shall not be more than 3 m (10 ft).

Note:

Do not cover manufacturer's labeling with other labels. If needed, rotate stickers so they do not cover original labels.

NEC 2020 LABELS

SOLAR SYSTEM LABELS			
CUSTOMER NAME		Fiona Woods	
PROJECT'S TYPE		Photovoltaic residential system	INSTALLED POWER kWDC 8.715 kWp
ADDRESS		113 Academy St, Poughkeepsie, NY 12601	GPS 41.930797, -74.022426
DESIGN ENGINEER	D.Piszczyk	LAST UPDATE	25 Nov, 2024
TECHNICAL REVIEWER	A.Jedrzewski	REVISION	1.5
		PAGE	- /9

	A	B	C	D	E	F	G	H	I	
11	OFF ROOF:			BATTERY & SYSTEM CONTROLLER:			ON ROOF:			11
10	OF_1 Photo of labeled conduit run from j–box to IQ Combiner with supports			BA_1 Final photo of battery installed			ON_1 Photo of roof flashing/A–frame mounted to the concrete block			10
	OF_2 Photo of IQ Combiner PV production CT ring with each circuit L1 conductor pulled through			BA_2 Photo of battery AC and ground connections close–up			ON_2 Photo of rail mounted to L–base/A–frame			
	OF_3 Photo of microinverter circuits connected to IQ Combiner (all wires labeled)			BA_3 Photo of battery communication wire terminals close–up			ON_3 Photo of microinverter mounted to rail			
9	OF_4 Photo of AC combiner box wiring (if applicable)			BA_4 Final photo of IQ System Controller			ON_4 Photo of microinverter connected to PV panel			9
	OF_5 Photo of AC disconnect wiring (if applicable)			BA_5 Photo of IQ System Controller open to show all wiring including IQ Combiner and Battery breakers			ON_5 Photo of Q Cable connector ferrules crimped at the end of wire			
8	OF_6 Photo of trough showing grounding bar or grounding bushing installed (if applicable)			BA_6 Photo of IQ System Controller communication wire terminals close–up			ON_6 Photo of Q Cable connector installed at the beginning of circuit			8
	OF_7 Photo of solar circuit breaker (should be labeled)/or interconnection point			BA_7 Photo of IQ System Controller RSD wiring close–up			ON_7 Photo of end clamp			
7	OF_8 Photo of labeled conduit run from PV station to interconnection point			BA_8 Photo of Consumption CT rings installed on service entrance wires			ON_8 Photo of mid clamp			7
	OF_9 Screenshot of Installer Toolkit showing completed Device Provisioning			BA_9 Photo of IQ Combiner communication wire terminals close–up			ON_9 Photo of grounding lug supporting grounding wire			
	OF_10 Screenshot of Installer Toolkit showing IQ Gateway conectivity status			BA_10 Screenshot of Installer Toolkit showing IQ System Controller and all IQ Batteries are provisioned			ON_10 Photo of wires supported to panels frame/rails (spacing between clamps should be 4ft)			
6	OF_11 Screenshot of Installer Toolkit showing list of microinverters			BA_11 Photo of Storage CT rings ring with battery circuit L2 conductor pulled through			ON_11 Photo of conduit supported to rail/L–base (if applicable)			6
	OF_12 Photo of cellular communication kit connected (if applicable)			BA_12 Screenshot of Installer Toolkit showing Consumption and Storage meters are Enabled			ON_12 Photo of inside of j–box (all wires should be labeled)			
	OF_13 Photo of PV station with labels			BA_13 Photo of installed RSD switch with required labels			ON_13 Photo of finished PV array			
5	OF_14 Photo of installation from the ground			BA_14 Screenshot of Installer Toolkit showing Maximum Self Consumption is set			ON_14 Photo of transition j–box installed			5
	OF_15 Photo of communication kit serial # (if applicable)			BA_15 Photo of critical loads panel open, showing labeled Breakers (if applicable)						
	OF_16 Photo of IQ Gateway serial #			BA_16 Photo of critical loads panel wiring (if applicable)						
4	OF_17 Screenshot of Installer Toolkit showing Production meter is Enabled			BA_17 Photo of AC Jbox of critical loads panel wire splices (if applicable)						4
				BA_18 Final photo(s) of battery backup installation (Battery/IQ System Controller/Subpanel/Jbox)						
				BA_19 Photo(s) of labeled batteries						
3				BA_20 Photo of labeled IQ System Controller						3
2	FUNCTIONAL VALIDATION:									2
	FV_1 Screenshot of Installer Toolkit showing all meters are operating and displaying values									
	FV_2 Screenshot of Installer Toolkit showing system power flow before the test									
1	FV_3 Screenshot of Installer Toolkit showing batteries are charging or discharging during backup mode									1
	FV_4 Screenshot of Installer Toolkit showing batteries are able to support additional load									
	FV_5 Screenshot of Installer Toolkit showing system reconnected to the grid									
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	A	B	C	D	E	F	G	H	I	

REQUIRED QC PHOTOS			
CUSTOMER NAME	Fiona Woods		
PROJECT'S TYPE	Photovoltaic residential system	INSTALLED POWER KWDC	8.715 kWp
ADDRESS	113 Academy St, Poughkeepsie, NY 12601	GPS	41.930797, –74.022426
DESIGN ENGINEER	D.Piszczek	LAST UPDATE	25 Nov, 2024
TECHNICAL REVIEWER	A.Jedrzejewski	REVISION	1.5

Page 77 of 95

IGS INTELLIGENT GREEN SOLUTIONS



**THE CITY OF POUGHKEEPSIE
NEW YORK**

BUILDING DEPARTMENT
62 CIVIC CENTER PLAZA, POUGHKEEPSIE, NY
12602 Phone: (845) 451-4263 Fax: (845) 451-4006

Window Only
Office Use Only
Application # ID#
PD2024-118

**HISTORIC DISTRICT AND LANDMARKS PRESERVATION COMMISSION
APPLICATION**

(Type or print neatly. Illegible applications will not be accepted.)

Project Address: 30 Oakfield Place, Poughkeepsie, NY
Applicant Name: SFG Construction / Michael Williams
Applicant's Address: 590 W. Kennedy Blvd
City: Lakewood State: NY Zip: 08701
Phone Number(s): 732-534-4518 x107 Email: tova@liontreemanagement.com
Property Owner (if not the applicant): Michael Williams
(If applicant is not the property owner, a letter of authorization from the owner **MUST** accompany the application.)

PROJECT CLASSIFICATION (Check all boxes that apply to the proposed project):

- ☐ New construction (construction of a new building, addition, garage, shed, swimming pool, etc.)
- ☒ Exterior alteration (includes, but is not limited to, all exterior changes to windows, doors, roof, paint colors, etc.)
- ☐ Landscaping (removing or adding significant plantings or landscape features such as driveways, sidewalks, fencing, retaining walls, patios, etc., that will alter the appearance of the property)
- ☐ Repair or replacement
- ☐ Restoration (railings, balconies, cornices, porches, etc.)
- ☐ Relocation
- ☐ Demolition
- ☐ Other: _____

WORK DESCRIPTION: Describe in detail all proposed work and indicate all materials to be used. Attach additional sheets as necessary.

1) ~~Scrape and paint exterior surfaces and window frames - 2,000 SF~~
SP Not part of this App

2) replace basement window (viny) with wood historic window - 33" x 35"

REQUIRED ATTACHMENTS TO SUBMIT WITH THE APPLICATION (Submit "hard" copies of the following attachments. Each page must be labeled and dated):

- ✓ **Recent Color Photos:** Include photos of each side of the building and site when landscaping changes are proposed.
- ✓ **Color chips, charts or color samples:** Describe both existing color(s) and proposed color(s). Include details regarding color placement and paint chips with the manufacturer's name and color number.
- ✓ **Material Samples/Manufacturer's Brochures:** Material samples (when practical) and/or manufacturer's brochures, product literature or catalog pages.
- ✓ **Plot Plan:** A plot plan (drawn to scale, indicating property lines, existing structures and/or landscaping) must be included for new construction, additions, demolition, fencing and major landscaping projects and any proposed changes.
- ✓ **Elevation drawings for new constructions/additions:** Drawings at a scale necessary to show building detail. Elevations should be accurately labeled with cardinal directions and showing the relationship between new and old structures.

A DIGITAL COPY OF THE ENTIRE SUBMISSION IS REQUIRED.

OWNER/APPLICANT CERTIFICATION:

I hereby certify this application will not be reviewed until all required information has been submitted. I understand that this application may require a site visit and/or public hearing by the Historic District and Landmarks Preservation Commission, and that the HDLPC may request additional information.

M. Wynn

Signature of Owner

In. Cer

Signature of Agent/Applicant

Date: 11/5/24

Date: 11/5/24

OFFICE USE ONLY

- ☒ Application requires approval by the HDLPC, pursuant to the provisions of Section 19-4.5(5)
- ☐ Application does not require approval by the HDLPC, pursuant to the provisions of Section 19-4.5(13)(a)
- ☒ Work will require issuance of a building permit, pursuant to the provisions of Section 19-7.2 (*Window work only*)
- ☐ Work will not require issuance of a building permit, pursuant to the provisions of Section 19-7.2

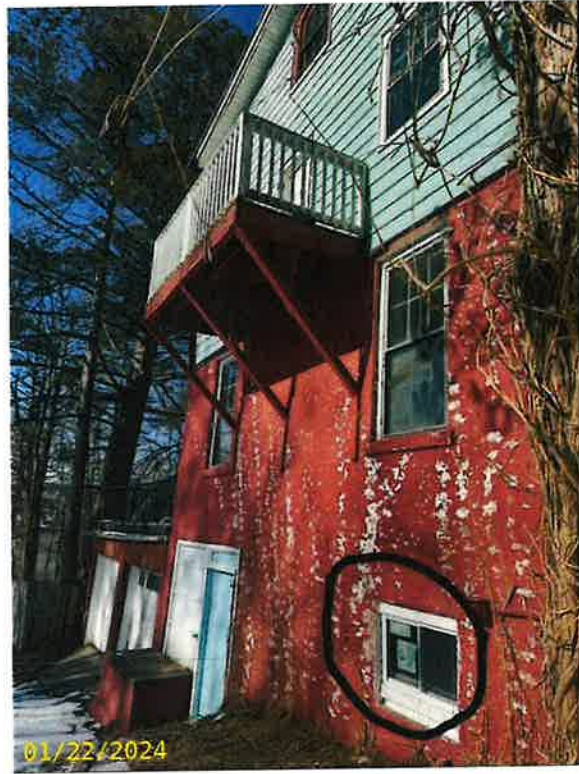
Eric Philipp

Building Inspector/Zoning Administrator

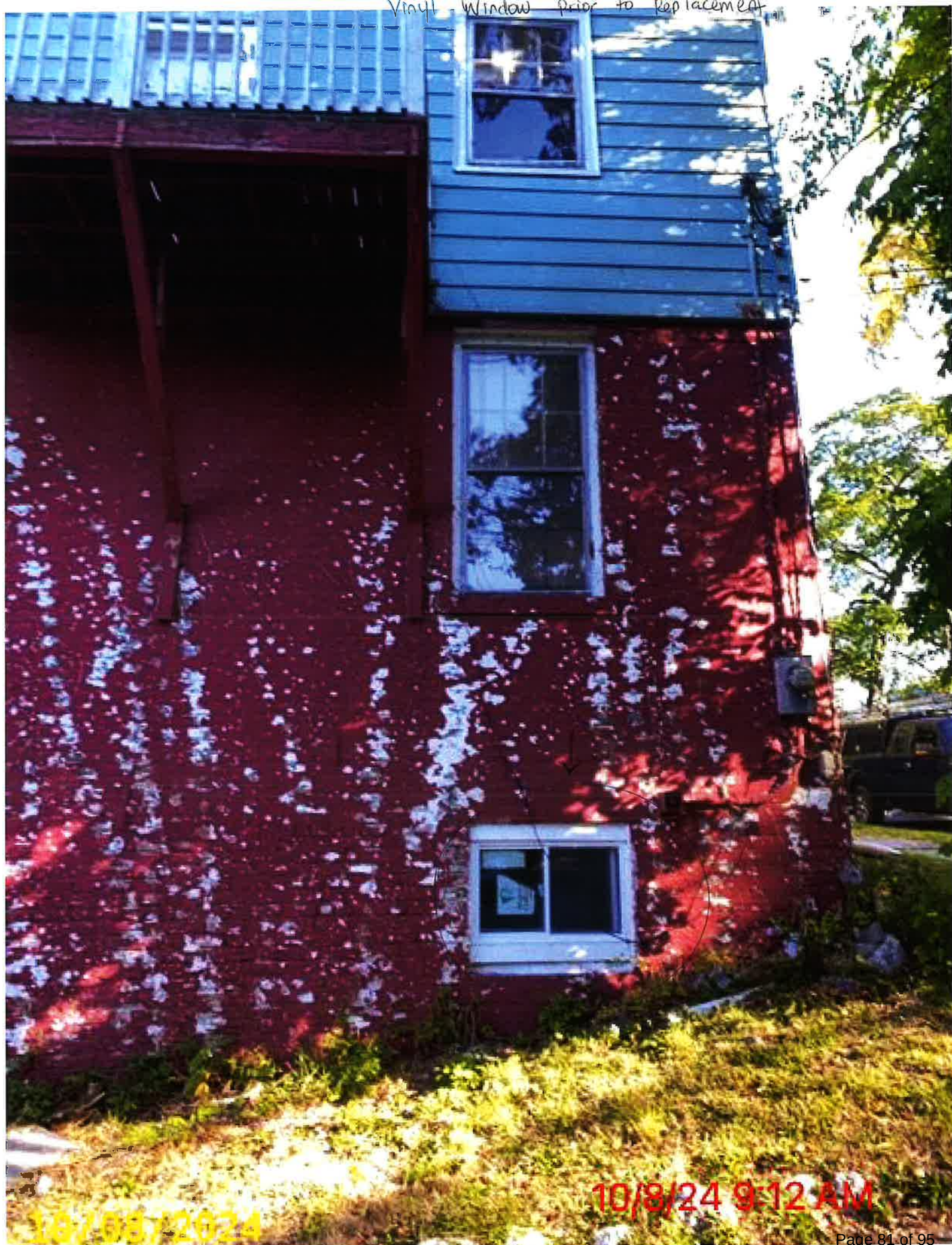
11-8-24
Date

** 11/21 Email confirmed NOT painting siding*

30 GARFIELD PLACE

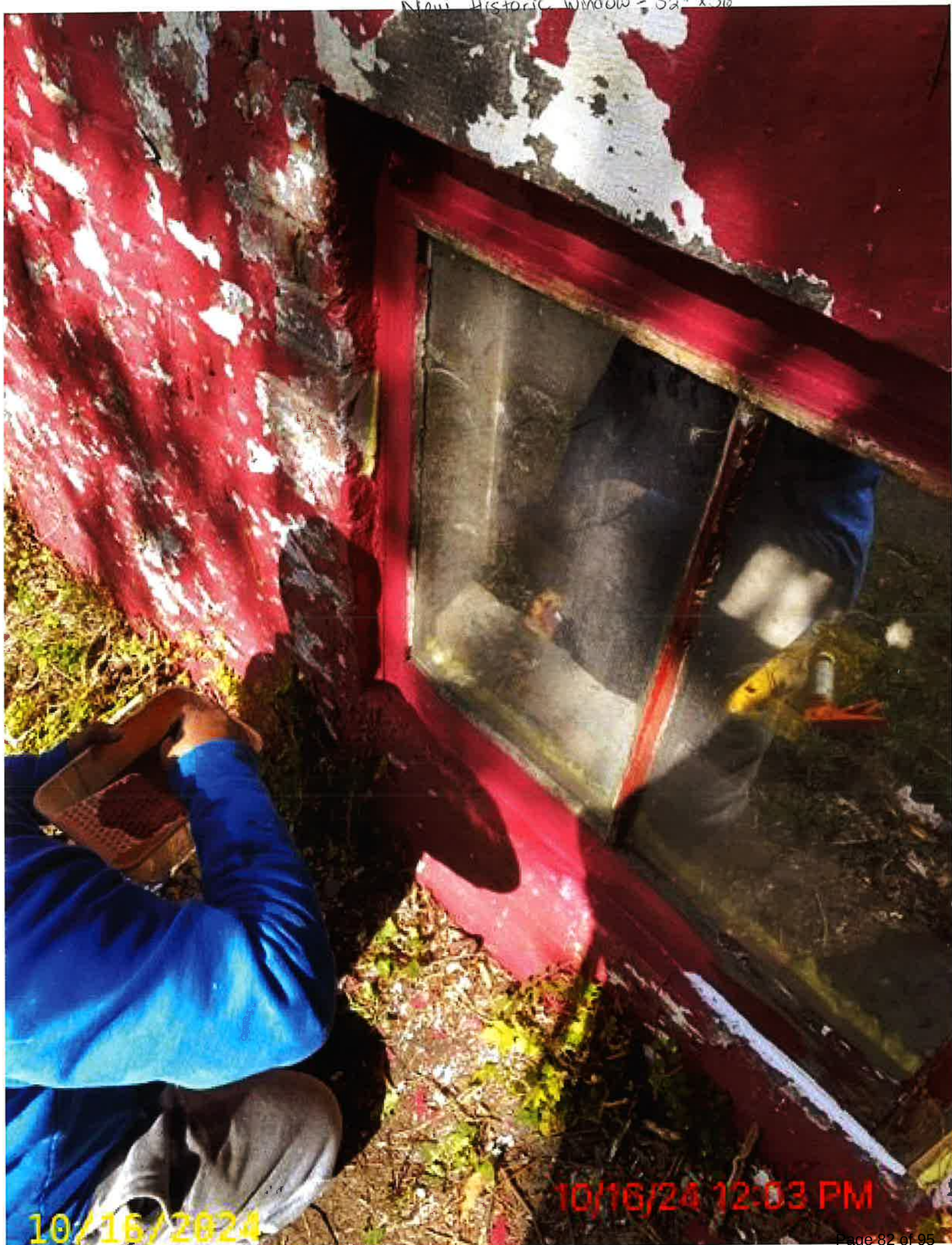


Vinyl - Window Prior to Replacement



10/8/2024

10/8/24 9:12 AM



10/16/2024

10/16/24 12:53 PM



10/16/2024

10/16/24 12:13 PM



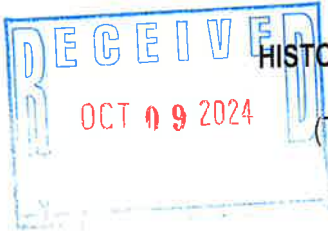
THE CITY OF POUGHKEEPSIE NEW YORK

BUILDING DEPARTMENT

62 CIVIC CENTER PLAZA, POUGHKEEPSIE, NY
12602 Phone: (845) 451-4263 Fax: (845) 451-4006

Office Use Only
Application # ID#

202024-1022



HISTORIC DISTRICT AND LANDMARKS PRESERVATION COMMISSION APPLICATION

(Type or print neatly. Illegible applications will not be accepted.)

Project Address: 4 BALDING AVE
Applicant Name: TERRELLA A. BROWN
Applicant's Address: 4 BALDING AVE
City: Poughkeepsie State: NY Zip: 12601
Phone Number(s): 845-416-3721 Email: TERRELLA146@GMAIL.COM

Property Owner (if not the applicant): _____
(If applicant is not the property owner, a letter of authorization from the owner **MUST** accompany the application.)

PROJECT CLASSIFICATION (Check all boxes that apply to the proposed project):

- ☐ New construction (construction of a new building, addition, garage, shed, swimming pool, etc.)
- ☐ Exterior alteration (includes, but is not limited to, all exterior changes to windows, doors, roof, paint colors, etc.)
- ☐ Landscaping (removing or adding significant plantings or landscape features such as driveways, sidewalks, fencing, retaining walls, patios, etc., that will alter the appearance of the property)
- ☒ Repair or replacement
- ☒ Restoration (railings, balconies, cornices, porches, etc.)
- ☐ Relocation
- ☐ Demolition
- ☐ Other: REPLACE old porch Need (ASAP)

WORK DESCRIPTION: Describe in detail all proposed work and indicate all materials to be used. Attach additional sheets as necessary.

*Porch
Paints
Steps*

REQUIRED ATTACHMENTS TO SUBMIT WITH THE APPLICATION (Submit "hard" copies of the following attachments. Each page must be labeled and dated):

- ✓ **Recent Color Photos:** Include photos of each side of the building and site when landscaping changes are proposed.
- ✓ **Color chips, charts or color samples:** Describe both existing color(s) and proposed color(s). Include details regarding color placement and paint chips with the manufacturer's name and color number.
- ✓ **Material Samples/Manufacturer's Brochures:** Material samples (when practical) and/or manufacturer's brochures, product literature or catalog pages.
- ✓ **Plot Plan:** A plot plan (drawn to scale, indicating property lines, existing structures and/or landscaping) must be included for new construction, additions, demolition, fencing and major landscaping projects and any proposed changes.
- ✓ **Elevation drawings for new constructions/additions:** Drawings at a scale necessary to show building detail. Elevations should be accurately labeled with cardinal directions and showing the relationship between new and old structures.

A DIGITAL COPY OF THE ENTIRE SUBMISSION IS REQUIRED.

OWNER/APPLICANT CERTIFICATION:

I hereby certify this application will not be reviewed until all required information has been submitted. I understand that this application may require a site visit and/or public hearing by the Historic District and Landmarks Preservation Commission, and that the HDLPC may request additional information.

[Signature]
Signature of Owner

Date: 10-9-24

Signature of Agent/Applicant

Date: _____

OFFICE USE ONLY

- ☐ Application requires approval by the HDLPC, pursuant to the provisions of Section 19-4.5(5)
- ☐ Application does not require approval by the HDLPC, pursuant to the provisions of Section 19-4.5(13)(a)
- ☐ Work will require issuance of a building permit, pursuant to the provisions of Section 19-7.2
- ☐ Work will not require issuance of a building permit, pursuant to the provisions of Section 19-7.2

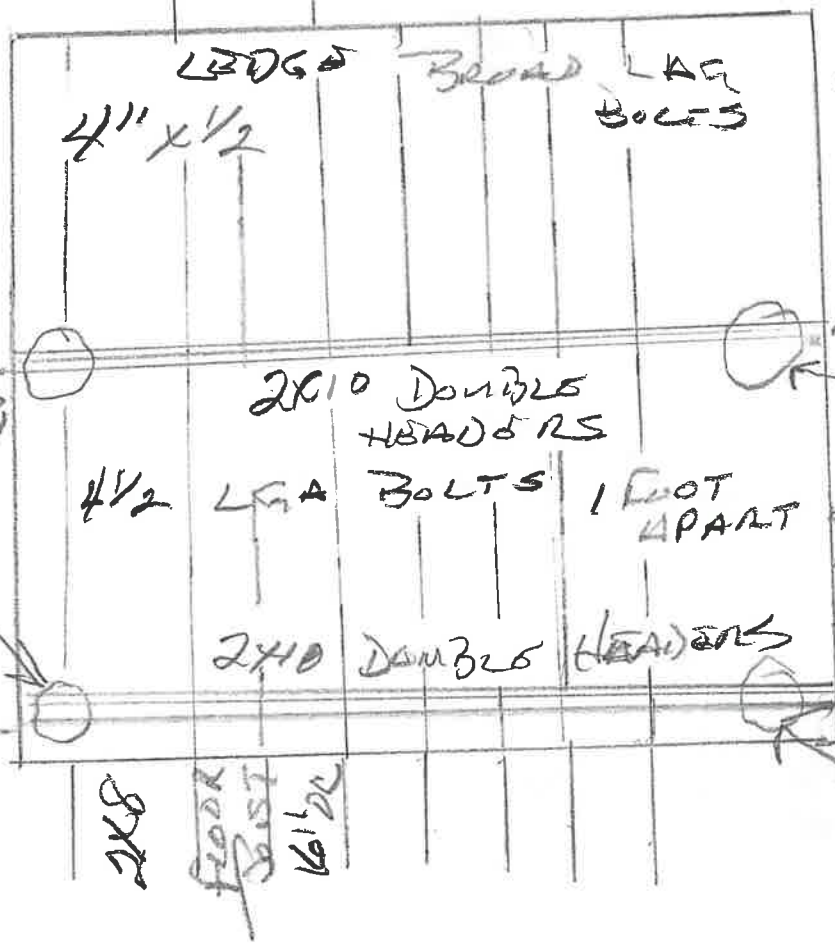
Eric Philipp
Building Inspector/Zoning Administrator

Date

4 BALDING AVE

Door REAR OF HOUSE WEST SIDE

SOUTH



EXISTING
Roof
Remains WITH COVER
5X10 OF PORCH
6X6 SUPPORT POST WILL
BE 4X4

RAILING WILL BE
38" HIGH MADE LIKE
OLD ONE 2X4 AND 2X2
SPINDLES

DECKING DUG FIR
T&G

DECK IS BEING
SAND AND

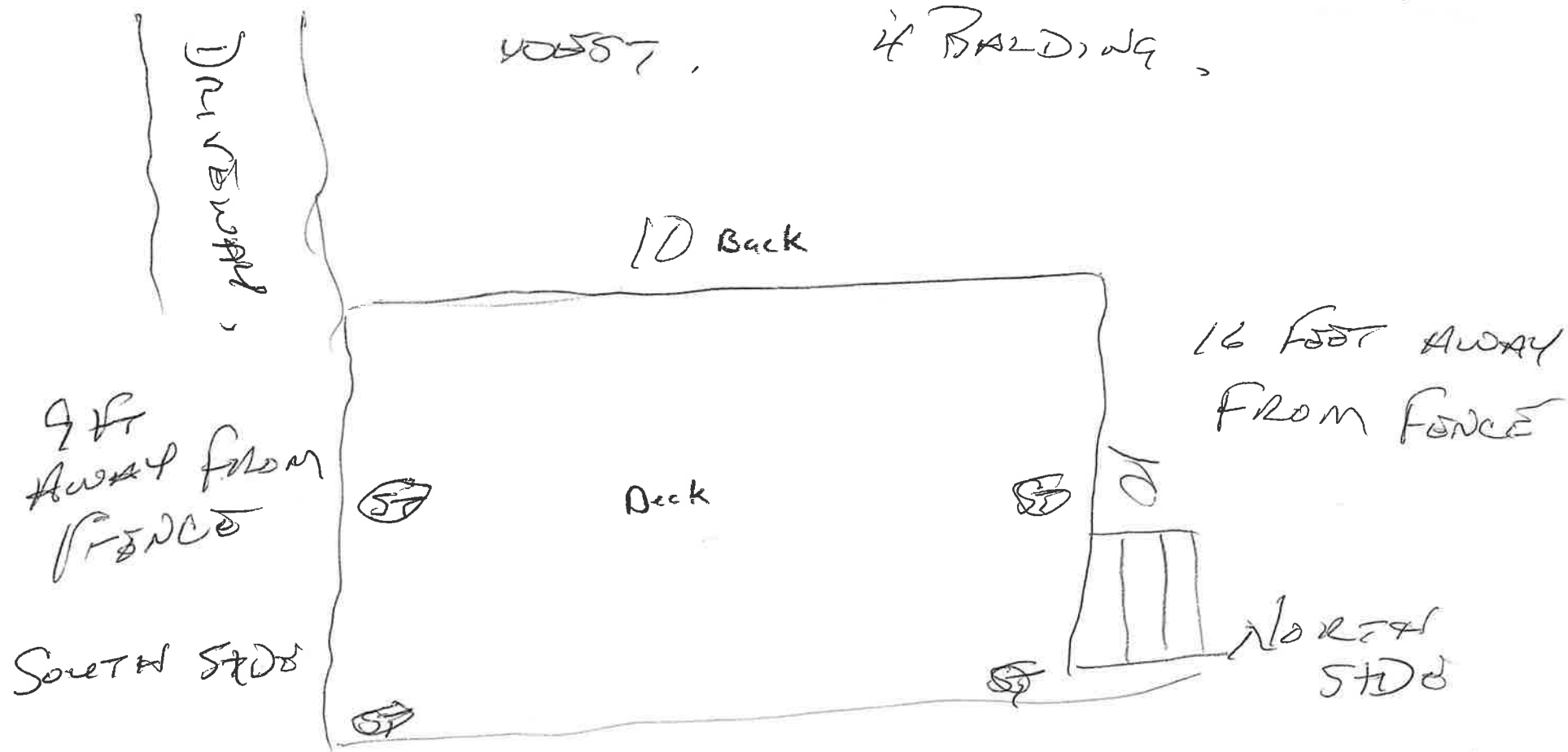
POLYURETHANE

RAILING AND POST WILL
BE PAINTED SAME COLOR
AS BEFORE BLACK

EAST

NORTH

RECEIVED
NOV 18 2024
By



4- 14" SONIC TUBES 42" DEEP

FRAMING 2x8 16" O.C.

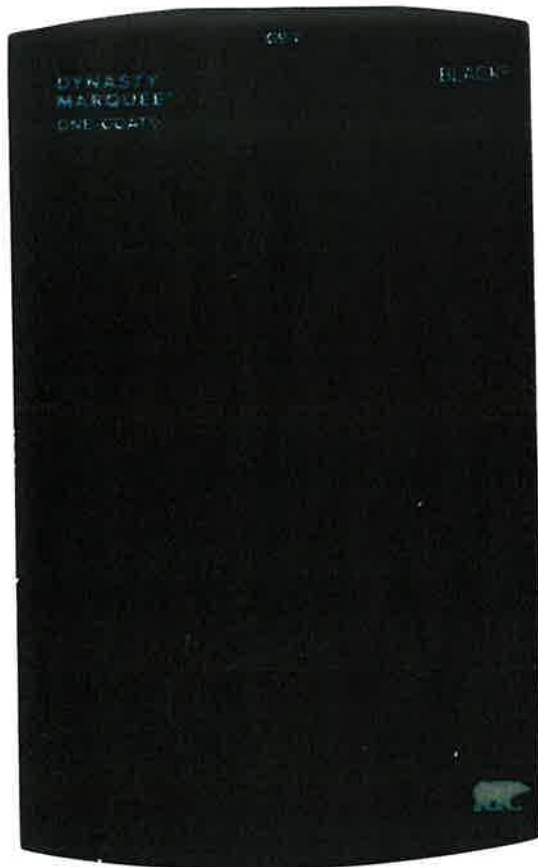
3 1/2 T&G FLOORING FOR DECK

STAIR TO COME OFF OF NORTH OF DECK

Shed Roof

OCT 07 2024

RECEIVED



Try a color sample today!

Order online at homedepot.com to have products shipped directly to your home.

BLACK is as pure and dark as it gets - a timeless color with vast character and infinite depth.

When applied, actual paint may differ slightly from color chip and sheen shown. BEHR® Colors cannot be precisely matched in other paint systems.

◆ Guaranteed ONE-COAT HIDE when tinted into BEHR DYNASTY® and BEHR MARQUEE® Interior Paint. Limitations apply. For more information, visit behr.com/onecoathide.

Color
Smart
360°

Scan
barcode
at kiosk
for details



BLACK⁰

Exclusively at



BEHR  behr.com

02/24

B2G063



Try a color sample today!

Order online at homedepot.com to have products shipped directly to your home.

Porcelain-like purity in this classic **White** tone with hints of blue adding **depth** and enclosing your space with **serenity**.

When applied, actual paint may differ slightly from color chip and sheen shown. BEHR® Colors cannot be precisely matched in other paint systems.

Color
Smart
360°

Scan
barcode
at kiosk
for details



White 52^U

Exclusively at



BEHR  behr.com

04/24

DEB1W003

Premium Oil Based Wood Stain – Color Selector



Color selection varies by store.



Colors shown on this printed piece may vary slightly from actual product due to aging, lighting and printing process.

Interior Oil Based Polyurethane

- Outstanding durability and scratch resistance
- Adds a warm, golden glow
- Self leveling, no brush strokes
- Available in Gloss, Semi-Gloss & Satin sheens



Triple Thick Polyurethane

- 3X thicker than traditional polyurethane
- Complete projects 3X faster
- Ultimate durability in one coat
- Fast dry time; dries in 2 hours
- Easy soap & water cleanup



Interior Water Based Polyurethane

- Crystal-clear finish
- Scratch and stain resistance
- Low odor
- Easy soap & water cleanup
- Available in Gloss, Semi-Gloss, Satin & Matte sheens





RECEIVED
NOV 25 2024
By _____

4 BALDING AVENUE



4 BALDING AVENUE





**CITY OF POUGHKEEPSIE
HISTORIC DISTRICT & LANDMARK PRESERVATION COMMISSION
2025 MEETING DATES***

City Hall – Common Council Chambers – 6:00 P.M.

The agenda will be posted on the city's website one (1) week prior to the scheduled meeting. Applications to be considered must be submitted two (2) weeks prior to the scheduled meeting.

THURSDAY, JANUARY 9

THURSDAY, FEBRUARY 13

THURSDAY, MARCH 13

THURSDAY, APRIL 10

MONDAY, MAY 12

THURSDAY JUNE 12

THURSDAY, JULY 10

THURSDAY, AUGUST 14

THURSDAY, SEPTEMBER 11

THURSDAY, OCTOBER 9

THURSDAY, NOVEMBER 13

THURSDAY, DECEMBER 11

Motion to approve the 2025 HDLPC meeting schedule

Motion:

Second:

Carried:

*Meeting dates may change as necessary. Updates to dates and times can be found on the [Agenda & Minutes](#) page of the website.