



DANVILLE CITY COUNCIL REGULAR MEETING REVISED AGENDA

MUNICIPAL BUILDING

October 19, 2021

7:00 P.M.

PRESIDING: Alonzo L. Jones, Mayor

**CITY COUNCIL
MEMBERS:** James B. Buckner
L.G. "Larry" Campbell, Jr.
Bryant Hood
Barry P. Mayo

Dr. Gary P. Miller, Vice Mayor
Sherman M. Saunders
J. Lee Vogler, Jr.,
Madison J. Whittle

STAFF: Ken F. Larking, City Manager
Earl B. Reynolds, Jr., Deputy City Manager

W. Clarke Whitfield, Jr., City Attorney
Susan M. DeMasi, City Clerk

The City Council is the City of Danville's legislative body and is composed of nine Council members. Council members are elected to serve a four year term of office and elects one of its own to serve as Mayor and presiding officer for a two year term.

Time and Place of Meeting

The public is invited and encouraged to attend and participate in the City Council meetings. The City Council meets in the City Hall, Fourth Floor, Council Chambers at 7:00 p.m. on the first and third Tuesday of each month. All meetings of the Council are open to the public.

Communications from Visitors

Communication from Visitors is an opportunity for citizens to address Council on matters not on the agenda. Citizens who desire to speak on agenda items will be heard when the agenda item is considered. Each speaker shall clearly state his or her name and address. Each individual speaker shall have five uninterrupted minutes. A representative of a group may have up to ten uninterrupted minutes to make a presentation. The representative shall identify the group and a group may have no more than one spokesperson. Time will be kept using the electronic timer on the podium.

Guidelines for Public Hearings

For Public Hearings the applicant or his or her representative shall be the first speaker(s). There shall be a time limit of ten (10) minutes for the applicant's or his or her representative's presentation. The presiding officer shall then solicit comments from the public, asking those in favor of the proposal to speak first, and then those opposed to the proposal. Each speaker must clearly state his or her name and address. There shall be a time limit of three (3) minutes for each individual speaker. If the speaker represents a group, there shall be a time limit of five (5) minutes. A speaker representing a group shall identify the group at the

beginning of his or her remarks. A group may have no more than one spokesperson. The presiding officer may limit or preclude comment which is repetitive, redundant, cumulative, or irrelevant to the subject of the public hearing. After public comments have been received, in a land use case, the applicant or the representative of the applicant, at his or her discretion, may respond with a rebuttal. There shall be a five (5) minute time limit for rebuttal.

MEETING CALLED TO ORDER

ROLL CALL

INVOCATION - Sherman M. Saunders

PLEDGE OF ALLEGIANCE TO THE FLAG

COMMUNICATIONS FROM VISITORS

Citizens who desire to speak on matters not listed on the agenda will be heard at this time. Citizens who desire to speak on agenda items will be heard when the agenda item is considered.

CONSENT AGENDA

All matters listed under the Consent Agenda are considered to be routine, have previously been discussed by City Council and/or introduced for First Reading. There will be no separate discussion on these items and they will be enacted by one motion. If discussion is desired by a Council Member or a citizen, the item(s) will be removed from the consent process and considered separately.

- A. Public Hearing
- B. Consideration of Approval of Minutes from Regular Council Meeting held on September 21, 2021.
Council Letter Number CL - 2657.
- C. Consideration of Amending the Fiscal Year 2022 Budget Appropriation Ordinance for Grant Funds from the Department of Homeland Security.
Council Letter Number CL - 2624.

An Ordinance Amending the Fiscal Year 2022 Budget Appropriation Ordinance to Provide for a Grant from the Virginia Department of Emergency Management in an Amount of \$115,360.91 and a Local Share in the Amount of \$11,536.09 for Extrication Equipment for Three Fire Trucks for a Total Appropriation in the Amount of \$126,897.00, and Appropriating Same

FINAL ADOPTION

- D. Consideration of Amending the Fiscal Year 2022 Budget Appropriation Ordinance for Housing and Urban Development Funds.
Council Letter Number CL - 2622.

An Ordinance Amending the Fiscal Year 2022 Budget Appropriation Ordinance for Projects to be or Being Undertaken to Improve the Danville Community Financed with Community Development Block Grant, Home Investment Partnership Funds from the U.S. Department of Housing and Urban Development, and Estimated Program Income for a Total Appropriation of \$1,245,901.00.

FINAL ADOPTION

- E. Consideration of Amending the Fiscal Year 2022 Budget Appropriation Ordinance for a Grant from the Department of Juvenile Justice for Electronic Monitoring and Outreach Detention Programs and Prevention Services/Pro-Social Skills Program.
Council Letter Number CL - 2640.

An Ordinance Amending the Fiscal Year 2022 Budget Appropriation Ordinance for a Grant from the Department of Juvenile Justice in the Amount of \$86,999 and a Local Share of \$39,830 for a Total Appropriation of \$126,829, to Provide for the Electronic Monitoring and Outreach Detention Programs and Prevention Services/Pro-Social Skills Program for the City of Danville at the W. W. Moore Jr. Detention Home and Appropriating Same.

FINAL ADOPTION

- F. Consideration of Amending the Fiscal Year 2022 Budget Appropriation Ordinance for a Grant to Aid Food Service Operations at W.W. Moore, Jr., Detention Home.
Council Letter Number CL - 2642.

An Ordinance Amending the Fiscal Year 2022 Budget Appropriation Ordinance for a Federal Grant in the Amount of Approximately \$38,681 to Aid the Food Service Operations at W. W. Moore, Jr. Detention Home and Appropriating Same.

FINAL ADOPTION

APPOINTMENTS

- A. Consideration of an Appointment to the Danville Community Policy & Management Team.
Council Letter Number CL - 2653.

A Resolution Appointing Sandy Irby to the Danville Community Policy & Management Team as the Danville Pittsylvania Community Services Representative.

NEW BUSINESS

- A. Review of General Fund Financials as of September 30, 2021
Council Letter Number CL - 2631.

- B. Consideration of Approving Free Bus Service During the November Elections.
Council Letter Number CL - 2654.

A Resolution Authorizing the Danville Transit System to Offer Free Bus Service on Tuesday, November 2, 2021.

- C. Consideration of Approving and Authorizing the City Manager to Execute the Assignment of an Existing Pole Attachment Franchise.
Council Letter Number CL - 2627.

A Resolution Approving and Authorizing the Assignment of an Existing Pole Attachment Franchise from Chatmoss Cablevision Inc. to its new Owner Zito Chatmoss LLC.

- D. Consideration of Approving and Authorizing the Release of City-Held Liens Against Parcels #21232 and #24234 Jefferson Avenue and Parcels #22490, 22491 and 21930 Loyal Street.
Council Letter Number CL - 2628.

A Resolution Approving and Authorizing the Release of City-Held Liens Against Real Property Identified as Parcels #21232 and #24234 Jefferson Avenue and #22490, #22491, and #21930 Loyal Street to Facilitate their Conveyance to the Danville Redevelopment and Housing Authority.

- E. Consideration of Approving and Authorizing the Release of City-Held Liens Against Parcels #20725, #21571, and #23906 Colquhoun Street.
Council Letter Number CL - 2629.

A Resolution Approving and Authorizing the Release of City-Held Liens Against Real Property Identified as Parcels #20725, #21571, and #23906 Colquhoun Street to Facilitate their Sale.

- F. Consideration of the Appeal of the Commission of Architectural Review's Decisions at 918 Green Street and 154 Chestnut Street.
Council Letter Number CL - 2650.

1. A Resolution Affirming the Commission of Architectural Review Decision to Approve Certificates of Appropriateness for Rooftop Solar Panel Installations at 918 Green Street and 154 Chestnut Street.
2. An Ordinance Reversing the Commission of Architectural Review's Decision to Approve Certificates of Appropriateness for Rooftop Solar Panel Installations at 918 Green Street and 154 Chestnut Street.

- G. Consideration of Amending the Fiscal Year 2022 Budget Appropriation Ordinance for a Grant from the Department of Homeland Security.
Council Letter Number CL - 2645.

An Ordinance Amending the Fiscal Year 2022 Budget Appropriation Ordinance to Provide for a Grant from the Department of Homeland Security in an Amount of \$125,889.52 and a Local Share in the Amount of \$6,294.48 for Equipment and to Administer Training to the Public for a Total Appropriation in the Amount of \$132,184.00 and Appropriating Same.

FIRST READING

- H. Consideration of Amending the Fiscal Year 2022 Budget Appropriation Ordinance for Comprehensive Services Act Funds.
Council Letter Number CL - 2649.

An Ordinance Amending the Fiscal Year 2022 Budget Appropriation Ordinance by Appropriating Comprehensive Services Act Funds and Providing Local Matching Funds for a Total Amount of \$4,780,388 and Appropriating Same.

FIRST READING

COMMUNICATIONS FROM:

- A. City Manager
- B. Deputy City Manager
- C. City Attorney

D. City Clerk

E. Roll Call

ADJOURNMENT

Council Letter

City of Danville, Virginia



CL-2657

Consent Agenda B.

City Council Regular Meeting

Meeting Date: 10/19/2021

Subject: Consideration of Approval of Meeting Minutes

From: Susan M. DeMasi, City Clerk

COUNCIL ACTION

Business Meeting: 10/19/2021

SUMMARY

Consideration of Approval of Minutes from Regular Council Meeting held on September 21, 2021.

Council Letter Number CL - 2657.

Attachments

Meeting Minutes

September 21, 2021

The Second Regular September meeting of the Danville City Council was held on September 21, 2021, at 7:00 p.m. in the Council Chambers located on the Fourth Floor of the Municipal Building. The following Council Members were present: James B. Buckner, L.G. "Larry" Campbell Jr., Bryant Hood, Mayor Alonzo L. Jones, Barry P. Mayo, Vice Mayor Gary P. Miller, Sherman M. Saunders, J. Lee Vogler, Jr., and Madison J.R. Whittle (9).

Staff Members present were: City Manager Ken F. Larking, Deputy City Manager Earl B. Reynolds, Jr., City Attorney W. Clarke Whitfield Jr., and City Clerk Susan M. DeMasi.

INVOCATION

The Invocation was given by J. Lee Vogler, Jr., followed by the Pledge of Allegiance.

ANNOUNCEMENTS AND SPECIAL RECOGNITIONS

Proclamation: CROP Walk
Presented to: Sherri Tuck, Danville Area CROP Hunger Walk

Ms. Tuck thanked Council on behalf of the Crop Walk Committee for their continued support of the Danville Area CROP Walk. Ms. Tuck invited everyone to join them on October 3, 2021 at Ballou Park.

Proclamation: National Adult Education and Family Literacy Week
Presented to: Dr. Antonio Hairston

Dr. Hairston thanked Council for the Proclamation and noted 20% of Danville citizens have low literacy skills and about 6,113 do not have their high school diplomas. Danville Public Schools was committed to do their part to provide services and skills to the citizens so they can be productive members of society and gain meaningful employment. Dr. Hairston gave a brief review of their programs and outreach to these citizens. Superintendent of Schools Dr. Angela Hairston stated they wanted to send a message that it was never too late to get that high school diploma; there were always opportunities to earn it and move to the next level.

SOVAH Update: Alan Larson, CEO SOVAH Danville

Mr. Larson gave an update to Council noting SOVAH has added over twenty two providers to the community, made almost \$5M in capital investments to the hospital and the community practices they manage, paid almost \$80M to 1,100 employees in payroll and benefits, \$27M in uncompensated services to the community and paid \$11.7M in taxes. They have tried to do their part and provide resources to the community over the years and 2020 was another successful year. Despite challenges, they had significant sponsorships to Big Brothers Big Sisters, the Boys and Girls Club and others. This hospital was ranked nationally by Medicare, out of five total stars, they have now grown to three stars and recognized by the federal government as providing good quality care to the community. Mr. Larson noted they were forty nurses short from where they were at the beginning of this year. COVID numbers have started to decline the last few weeks; the hospital had twenty one COVID patients in the hospital today which was about 20% of their census. With the limited resources they were facing these days, the patients that come with COVID were taking the spots of other people they could be taking care of. They would plead with the community and leaders to encourage citizens to get their vaccinations. All the COVID patients in the ICU were not vaccinated. Council Members thanked Mr. Larson and staff of the hospital.

Proclamation: Constitution Week
Presented to: Dawn Davis, Regent, Dorothea Henry Chapter
Daughters of the American Revolution

Ms. Davis noted the Dorothea Henry Chapter of the DAR was founded March 4, 1894, one of the oldest chapters in the nation. Ms. Davis noted the Constitution was very important, and she wanted everyone to learn about it; Galileo, GW, Tunstall and Dan River have some of the very best students. The Good Citizenship contest they have had, the students were fantastic; this year there was only a one point difference between the student who won. Ms. Davis explained she wanted history to be a part of their future and the Constitution was freedom and equality for all.

Virginia Cooperative Extension: Daniel Hale, Extension Agent, 4-H Youth Development
Introduction of New City of Danville Extension Agent

Mr. Hale noted they have filled the Horticulturist Extension Agent position left vacant when Stuart Sutphin retired, and introduced Corey Riedel. Mr. Riedel noted he received his Bachelor's degree from Virginia Tech in Horticulture and was finishing his Masters in Entomology. He was in the Army for eight years and his role was to provide the City with any kind of horticultural or agricultural assistance they needed, and invited citizens to call his office if they need assistance with anything. Mr. Riedel noted he would like to work on finding ways to increase food production in the City with urban farming, put out more community gardens so people can grow their own, and have access to healthy food, and creating demonstration gardens across the City where he plants some plants to give people an idea of what will grow well here and how to do it. He would also like to do some educational programming with the youth and senior citizens in Danville. Mr. Riedel's office number was 434-799-6558. Council welcomed Mr. Riedel to the community.

COMMUNICATIONS FROM VISITORS

Mayor Jones recognized Kenny Lewis, co-chair of Vote Yes for DPS, who noted he and Karl Stauber, co-chair the Vote Yes for DPS campaign, wanted to thank City Council for their support. It was a huge step for the City to get this passed. Citizens have to vote twice, first for the 1% sales tax and then vote so they can get the money immediately. Mayor Jones recognized Kenny Lewis, Jr. and commended him for putting on the Ribs Rhythm and Blues Jazz Festival, and for the work he put into that. Mr. Lewis noted this event was something he wanted to bring to the City, there were a lot of good artists, with people from inside and outside the City supporting it.

CONSENT AGENDA

Mayor Jones opened the floor for a Public Hearing regarding Budget Items on the Consent Agenda. Notice of the Public Hearing was published in the *Danville Register & Bee* on September 14, 2021. No one present desired to be heard and the Public Hearing was closed.

Council Member Buckner **moved** for adoption of the following Consent Agenda Items:

Minutes from the Regular Council Meeting held on August 17, 2021. Draft copies of the minutes had been distributed prior to the meeting.

Amending the Fiscal Year 2022 Budget Appropriation Ordinance to Provide for a State Department of Aviation Grant to Promote Aviation Awareness at the Danville Regional Airport

September 21, 2021

An Ordinance Entitled, Ordinance No. 2021-09.04, Amending the Fiscal Year 2022 Budget Appropriation Ordinance to Provide for a State Department of Aviation Grant for the Purpose of Providing Funding to Promote Aviation Awareness at the Danville Regional Airport in the Amount of \$7,500 and for the Local Share in the Amount of \$7,500 to be Provided by the General Fund Support of Grants for a Total Appropriation of \$15,000 and Appropriating Same.

Amending the Fiscal Year 2022 Budget Appropriation Ordinance for a Virginia Commission of the Arts Grant

An Ordinance Entitled, Ordinance No. 2021-09.05, Amending the Fiscal Year 2022 Budget Appropriation Ordinance to Provide for a Virginia Commission for the Arts Grant in the Amount of \$4,500 and Local Share in the Amount of \$5,000 for a Total of \$9,500.

Consideration of Amending the Fiscal Year 2022 Budget Appropriation Ordinance for Economic Development Incentives in the Amount of \$660,000

An Ordinance Entitled, Ordinance No. 2021-09.06, Amending the Fiscal Year 2022 Budget Appropriation Ordinance for One Tobacco Region Opportunity Fund Grant from the Virginia Tobacco Region Revitalization Commission in the Amount of \$330,000 and One Tobacco Region Opportunity Fund Loan from the Virginia Tobacco Region Revitalization Commission in the Amount of \$330,000 for a Total of \$660,000 as Economic Development Incentives for Taxable Capital Investments and Job Creation in the Commonwealth of Virginia

The Motion was **seconded** by Council Member Campbell and carried by the following vote:

VOTE: 9-0
AYE: Buckner, Campbell, Hood, Jones, Mayo,
Miller, Saunders, Vogler and Whittle (9)
NAY: None

NEW BUSINESS

REVIEW OF GENERAL FUND FINANCIAL RESULTS AS OF AUGUST 31, 2021

Director of Finance Michael Adkins gave the General Fund results through August 31, 2021 representing two months of the new fiscal year complete and just under 17%. Revenues received through August were \$12.7M, about \$40,000 more than last year. Some of the State aid was late coming; the City receives about \$700,000 per quarter for law enforcement support and that was received in September. If that had been received in August, the City would have about \$750,000 more for the first two months of this fiscal year compared to last year. Increases were pretty much located in two areas, the first was Property Taxes. The City was between tax billing cycles so they were mainly collecting delinquent taxes, and the delinquent real estate taxes were about \$100,000 over last year at this point and already at 33% of budget. The other area was Local Taxes; Sales Tax continues to perform strongly, averaging about \$900,000 per month, bringing the City up to about \$1.8M at the end of August or 17.5% of budget. Prior to taxes being collected on on-line sales, the City was receiving about \$700,000 to \$750,000 per month. Meals Tax was averaging about \$800,000 per month; pre-COVID that amount was about \$700,000 per month, at the end of August they were at \$1.6M or 19% of budget. Lodging Tax was averaging about \$170,000 per month and was currently at \$350,000, a little over 23% of budget. All other Revenues, state and federal assistance, were on track with expectations.

Under Expenditures, the City was just under \$21M through the end of the August, that was a slight increase of \$71,000 and nearly flat when compared to last year. Departmental Spending was at 15% of budget and about 2% behind the 17% mark; that was expected as they go through the year. In summary, Fiscal Year 2022 was off to a strong start. For Fiscal Year 2021, last month he reported that they anticipated an increase to the Unreserved Fund Balance of about \$725,000. At that time, staff was using estimates for the final month of sales tax, meals tax and lodging as those were received on a lag basis. The City has received those, all three came in ahead of expected and it looks like the City will be adding just over \$1M to the Unassigned Fund Balance for Fiscal Year 2021. That will bring the City from \$33M to \$34M. The City's policy requires 20% of revenues, which would be \$23M, so the City will be \$10M or \$11M over that. Mr. Adkins explained the City's audit was undergoing now, and expected them to complete the external audit of the City's financials sometime in November. He has tentatively scheduled Brown Edwards to be at Council on December 7th to present the audit statements.

Mr. Adkins noted with regard to the City's fund balance policy, if the 1% sales tax passes, the City hopefully will be able to issue those bonds to do school improvements; it was a large number. One of the strategies to offset that would be to enhance the City's fund balance policy. While it was very strong right now, to offset the additional borrowing, the City should look at raising the fund balance policy which they can do based on the amount in reserve. Also, the reason why it was so important for citizens to vote yes on the 1% sales tax and the bond part, it enables the City to access those funds immediately so the City can accomplish many capital improvements all at once. If that did not pass, the City would be limited to pay as they go; they would have to accumulate a year's worth of that one percent sales tax and then appropriate it for spending. It would be a much longer process; in an environment where construction costs were increasing, it would end up costing more in the long run and a much longer time period to get those things accomplished. Interest rates were at an all-time low for borrowing so it was a good time to do so.

CONSIDERATION OF APPROVING AND AUTHORIZING A THIRD AMENDMENT TO THE GRANT AGREEMENT BY THE CITY OF DANVILLE, RIVER DISTRICT DEVELOPMENT AND THE IDA

Council Member Vogler **moved** for adoption of a Resolution entitled:

RESOLUTION NO. 2021-09.02

APPROVING AND AUTHORIZING A THIRD AMENDMENT TO THE GRANT AGREEMENT BY AND AMONG, THE CITY OF DANVILLE, VIRGINIA, RIVER DISTRICT DEVELOPMENT, LLC, AND THE INDUSTRIAL DEVELOPMENT AUTHORITY OF DANVILLE, VIRGINIA.

The Motion was **seconded** by Council Member Mayo and carried by the following vote:

VOTE: 9-0
AYE: Buckner, Campbell, Hood, Jones, Mayo,
Miller, Saunders, Vogler and Whittle (9)
NAY: None

CONSIDERATION OF APPROVING AND AUTHORIZING A REAL ESTATE PURCHASE OPTION AGREEMENT FOR ACREE'S WAREHOUSE AND 317 & 319 CRAGHEAD STREET

Council Member Buckner **moved** for adoption of a Resolution entitled:

RESOLUTION NO. 2021-09.03

APPROVING AND AUTHORIZING A REAL ESTATE PURCHASE OPTION AGREEMENT FOR ACREE'S WAREHOUSE AND 317 & 319 CRAGHEAD STREET BY AND BETWEEN THE INDUSTRIAL DEVELOPMENT AUTHORITY OF DANVILLE, VIRGINIA AND RIVER DISTRICT DEVELOPMENT, LLC, WITH THE CITY OF DANVILLE, VIRGINIA JOINING IN SAID AGREEMENT TO EVIDENCE ITS CONSENT AND AGREEMENT TO CERTAIN RIGHTS AND OBLIGATIONS OF THE REAL ESTATE PURCHASE OPTION AGREEMENT, INCLUDING THE FORM OF THE LEASE AGREEMENT WITH THE CITY ATTACHED HERETO.

The Motion was **seconded** by Council Member Mayo and carried by the following vote:

VOTE: 9-0
AYE: Buckner, Campbell, Hood, Jones, Mayo,
Miller, Saunders, Vogler and Whittle (9)
NAY: None

CONSIDERATION OF APPROVING AND AUTHORIZING A LEASE AGREEMENT BETWEEN THE IDA, RIVER DISTRICT DEVELOPMENT AND THE CITY OF DANVILLE

Vice Mayor Miller **moved** for adoption of a Resolution entitled:

RESOLUTION NO. 2021-09.04

APPROVING AND AUTHORIZING A LEASE AGREEMENT BY AND BETWEEN THE INDUSTRIAL DEVELOPMENT AUTHORITY OF DANVILLE, VIRGINIA AND RIVER DISTRICT DEVELOPMENT, LLC, WITH THE CITY OF DANVILLE VIRGINIA JOINING IN SAID LEASE TO EVIDENCE ITS CONSENT AND AGREEMENT TO CERTAIN RIGHTS AND OBLIGATIONS OF THE LEASE AGREEMENT

The Motion was **seconded** by Council Member Mayo and carried by the following vote:

VOTE: 9-0
AYE: Buckner, Campbell, Hood, Jones, Mayo,
Miller, Saunders, Vogler and Whittle (9)
NAY: None

APPROVING RESOLUTIONS OF SUPPORT TO THE VIRGINIA DEPARTMENT OF TRANSPORTATION FOR PROJECT FUNDS FOR FISCAL YEAR 2027 AND 2028

CONSIDERATION OF RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DANVILLE, VIRGINIA ENDORSING RICHMOND BOULEVARD PEDESTRIAN ACCESS

Council Member Buckner **moved** for adoption of a Resolution entitled:

RESOLUTION NO. 2021-09.05

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DANVILLE, VIRGINIA ENDORSING RICHMOND BOULEVARD PEDESTRIAN ACCESS

The Motion was **seconded** by Council Member Vogler.

September 21, 2021

Council Member Buckner noted he wanted to thank City staff for following up on this item; it was brought to his attention last year by Union Church. It was great to see the City and citizens working together to make things happen.

The **Motion** was carried by the following vote:

VOTE: 9-0
AYE: Buckner, Campbell, Hood, Jones, Mayo,
Miller, Saunders, Vogler and Whittle (9)
NAY: None

CONSIDERATION OF RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DANVILLE, VIRGINIA ENDORSING REPLACEMENT OF STRUCTURE 1816 ON RIVERSIDE DRIVE OVER APPLE BRANCH

Council Member Vogler **moved** for adoption of a Resolution entitled:

RESOLUTION NO. 2021-09.06

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DANVILLE, VIRGINIA ENDORSING REPLACEMENT OF STRUCTURE 1816 ON RIVERSIDE DRIVE OVER APPLE BRANCH

The Motion was **seconded** by Council Member Mayo and carried by the following vote:

VOTE: 9-0
AYE: Buckner, Campbell, Hood, Jones, Mayo,
Miller, Saunders, Vogler and Whittle (9)
NAY: None

CONSIDERATION OF APPROVING RESOLUTIONS OF SUPPORT TO THE VIRGINIA DEPARTMENT OF TRANSPORTATION FOR TRANSPORTATION ALTERNATIVE PROGRAM FUNDS FOR FISCAL YEAR 2023 AND FISCAL YEAR 2024

CONSIDERATION OF RESOLUTION FOR THE CITY COUNCIL OF THE CITY OF DANVILLE ENDORSING CONSTRUCTION OF KEMPER ROAD SIDEWALKS PHASE 2

Vice Mayor Miller **moved** for adoption of a Resolution entitled:

RESOLUTION NO. 2021-09.07

A RESOLUTION FOR THE CITY COUNCIL OF THE CITY OF DANVILLE, VIRGINIA ENDORSING CONSTRUCTION OF KEMPER ROAD SIDEWALKS PHASE 2.

The Motion was **seconded** by Council Member Mayo and carried by the following vote:

VOTE: 9-0
AYE: Buckner, Campbell, Hood, Jones, Mayo,
Miller, Saunders, Vogler and Whittle (9)
NAY: None

September 21, 2021

CONSIDERATION OF RESOLUTION FOR THE CITY COUNCIL OF THE CITY OF DANVILLE, VIRGINIA ENDORSING CONSTRUCTION OF PEDESTRIAN IMPROVEMENTS AT PINEY FOREST ROAD AND ARNETT BOULEVARD

Vice Mayor Miller **moved** for adoption of a Resolution entitled:

RESOLUTION NO. 2021-09.08

A RESOLUTION FOR THE CITY COUNCIL OF THE CITY OF DANVILLE, VIRGINIA ENDORSING CONSTRUCTION OF PEDESTRIAN IMPROVEMENTS AT PINEY FOREST ROAD AND ARNETT BOULEVARD.

The Motion was seconded by Council Member Mayo.

Council Member Vogler noted with regard to the items tonight, he serves as the Chairman of the Metropolitan Planning Organization which was involved in the traffic studies and transportation for the region. Piney Forest was something the committee has been working on with citizens for the last year or so. Citizens will hear about improvements over the next few years coming to Piney Forest with regard to traffic and pedestrian safety.

The **Motion** was carried by the following vote:

VOTE: 9-0
AYE: Buckner, Campbell, Hood, Jones, Mayo,
Miller, Saunders, Vogler and Whittle (9)
NAY: None

CONSIDERATION OF CANCELING THE OCTOBER 5, 2021 CITY COUNCIL MEETING

Council Member Campbell **moved** for adoption of a Resolution entitled:

RESOLUTION NO. 2021-09.09

CANCELING THE REGULAR MEETING OF CITY COUNCIL SCHEDULED FOR TUESDAY, OCTOBER 5, 2021 AND SCHEDULING A SPECIAL MEETING OF CITY COUNCIL ON THURSDAY, OCTOBER 7, 2021.

The Motion was **seconded** by Council Member Mayo and carried by the following vote:

VOTE: 9-0
AYE: Buckner, Campbell, Hood, Jones, Mayo,
Miller, Saunders, Vogler and Whittle (9)
NAY: None

BUDGET AMENDMENT – CONSIDERATION OF AMENDING THE FISCAL YEAR 2022 BUDGET APPROPRIATION ORDINANCE FOR THE DMV HIGHWAY SAFETY SELECTIVE ENFORCEMENT – ALCOHOL GRANT PROGRAM

Upon **Motion** by Council Member Buckner and **second** by Council Member Mayo, an Ordinance entitled:

ORDINANCE NO. 2021-09.07

September 21, 2021

AMENDING THE FISCAL YEAR 2022 BUDGET APPROPRIATION ORDINANCE BY INCREASING REVENUE FROM VIRGINIA DEPARTMENT OF MOTOR VEHICLES HIGHWAY SAFETY SELECTIVE ENFORCEMENT – ALCOHOL GRANT PROGRAM IN THE AMOUNT OF \$18,570 AND APPROPRIATING SAME.

was presented by its **First Reading**, as required by City Charter, to lie over before final adoption.

BUDGET AMENDMENT - CONSIDERATION OF AMENDING THE FISCAL YEAR 2022 BUDGET APPROPRIATION ORDINANCE FOR VIRGINIA DMV HIGHWAY SAFETY OFFICE ENFORCEMENT – SPEED GRANT PROGRAM

Upon **Motion** by Council Member Buckner and **second** by Council Member Mayo, an Ordinance entitled:

ORDINANCE NO. 2021-09.08

AMENDING THE FISCAL YEAR 2022 BUDGET APPROPRIATION ORDINANCE BY INCREASING REVENUE FROM VIRGINIA DEPARTMENT OF MOTOR VEHICLES HIGHWAY SAFETY OFFICE SELECTIVE ENFORCEMENT – SPEED GRANT PROGRAM IN THE AMOUNT OF \$9,100 AND APPROPRIATING SAME.

was presented by its **First Reading**, as required by City Charter, to lie over before final adoption.

BUDGET AMENDMENT – CONSIDERATION OF AMENDING THE FISCAL YEAR 2022 BUDGET APPROPRIATION ORDINANCE FOR VIRGINIA DMV HIGHWAY SAFETY OFFICE ENFORCEMENT – OCCUPANT PROTECTION GRANT - \$5,250

Upon **Motion** by Council Member Buckner and **second** by Council Member Mayo, an Ordinance entitled:

ORDINANCE NO. 2021-09.09

AMENDING THE FISCAL YEAR 2022 BUDGET APPROPRIATION ORDINANCE BY INCREASING REVENUE FROM VIRGINIA DEPARTMENT OF MOTOR VEHICLES HIGHWAY SAFETY OFFICE SELECTIVE ENFORCEMENT – OCCUPANT PROTECTION GRANT PROGRAM IN THE AMOUNT OF \$5,250 AND APPROPRIATING SAME.

was presented by its **First Reading**, as required by City Charter, to lie over before final adoption.

BUDGET AMENDMENT - CONSIDERATION OF AMENDING THE FISCAL YEAR 2022 BUDGET APPROPRIATION ORDINANCE FOR OLDER AMERICAN ACT GRANT FUNDS

Upon **Motion** by Council Member Vogler and **second** by Council Member Buckner, an Ordinance entitled:

ORDINANCE NO. 2021-09.10

AMENDING THE FISCAL YEAR 2022 BUDGET APPROPRIATION ORDINANCE BY INCREASING CERTAIN REVENUES TO PROVIDE FOR TITLE III-B GRANT FUNDS AND LOCAL SHARE FOR SENIOR CITIZEN TRANSPORTATION SERVICES AND APPROPRIATING THE SAME.

September 21, 2021

was presented by its **First Reading**, as required by City Charter, to lie over before final adoption.

**BUDGET AMENDMENT – CONSIDERATION OF AMENDING THE FISCAL YEAR 2022
BUDGET APPROPRIATION ORDINANCE FOR GRANT FUNDS FROM THE VIRGINIA
DEPARTMENT OF EMERGENCY MANAGEMENT**

Upon **Motion** by Council Member Campbell and **second** by Council Member Buckner, an Ordinance entitled:

ORDINANCE NO. 2021-09.11

AMENDING THE FISCAL YEAR 2022 BUDGET APPROPRIATION ORDINANCE TO PROVIDE FOR A GRANT FROM THE VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT IN AN AMOUNT OF \$102,200 AND A LOCAL SHARE IN THE AMOUNT OF \$37,800 FOR EQUIPMENT UPGRADES TO THE EMERGENCY MANAGEMENT SHELTER FOR A TOTAL APPROPRIATION IN THE AMOUNT OF \$140,000, AND APPROPRIATING SAME.

was presented by its **First Reading**, as required by City Charter, to lie over before final adoption.

COMMUNICATIONS

City Manager Ken Larking noted that Agenda Items C and D, all four transportation projects were items that were brought to City Council by citizens, or to the staff by City Council members. While it takes many months to get to the point where City Council can adopt them and move forward with these projects, it was important to note how these particular items can go forward. It takes time to study the particular issues, to get the funding and put on the agenda. If a citizen drives down Highway 86 or South Main Street from North Carolina, there was work being done at the Dollar General, the intersection of Updike and South Main. This area was studied and did warrant a traffic signal, City Council budgeted the funds for it and now construction was underway. The City was waiting for some of the mast arms to come, and anticipated in the first quarter of next year that traffic intersection signalization project will be done.

Council Member Campbell noted the citizens have been asking for a red light at Arnett Boulevard and questioned if that was in the plan for the future. Mr. Larking noted he believed it was studied in the past and it did not meet the warrants for a traffic signal. There were other things the City could look at to see if there were different improvements that could be made. The City wants to be very consistent in the way they put in traffic control devices; if not done correctly it can create more problems than they solve.

There were no communications from the Deputy City Manager, City Attorney or City Clerk.

Council Member Campbell noted he appreciated the City Manager, Deputy City Manager and all the City staff for their work, and also the Council. In reference to Caesars coming to Danville, he hopes his comments were in order as prosperity was in Danville and major prosperity was coming. He hopes Danville doesn't lose its character, lose what makes it so special, or lose the quality of life. He hopes that prosperity was shared in all areas of the community.

Council Member Hood commended Mayor Jones and Board of Supervisors Chairman Bob Warren, along with City Manager Ken Larking and Pittsylvania County Administrator David Smitherman for an outstanding panel discussion of the state of the region, hosted virtually by the Danville Pittsylvania County Chamber of Commerce. The Mayor had said, "We remain in

September 21, 2021

unprecedented times with COVID 19, but since the State of the Region address a year ago, we have made great strides. We still have work to do and that was exactly what we were doing, working for a better future.” Mr. Hood noted he appreciated that.

Council Member Mayo noted he echoed what was said earlier regarding COVID. Nurses were overworked and some don’t want to be nurses anymore. It has taken a toll on so many, it was seen in the community and throughout the nation. Listening to Dr. Miller, it was affecting the kids now. Mr. Mayo asked the citizens to please get the vaccination now, it will only help.

Vice Mayor Miller gave a shout out to Tommy Bennett of the NAACP, he was already talking about a vaccine clinic coming up soon; Dr. Miller encouraged citizens to get their vaccine, and do it for their family. Dr. Miller also gave a shout out to Barry Mayo who got married this weekend. Chris Daniel passed away recently, he was an educator, he taught underprivileged people to read, and was a voter advocate. The American Heart Association Walk was this weekend in Angler’s Park and encouraged citizens to sign up to help raise money for research.

Councilman Saunders asked all the citizens to support the healthcare workers. If they have any concerns, let the hospital staff that can address their concern know, and not just someone else to cause problems. Mr. Saunders noted his agreement with Dr. Miller, Chris Daniel was a good man and he will be missed.

Councilman Vogler noted a little over a week ago there was the Ribs, Rhythm and Blues festival; the Mayor attended and it was the first year he wasn’t able to; he was representing the City at the Rock Festival. He has received many comments and messages from people all over the country complimenting Danville and its citizens during the festival. Mr. Vogler stated they have amazing people in Danville and thanked each and every citizen on how they responded to a lot of outside people. Mr. Vogler thanked all the Council Members for the work they put in, each member contributes to the City in different ways, and thanked Mr. Buckner because he doesn’t like talking about the things he does, was involved with and the great work he does. He does a lot of great things for this City, wanted to give him a shout out and say the was a darn good Council Member.

Mayor Jones noted he does not recall having this many announcements and special recognitions; they heard about hunger and the CROP Walk, the National Adult Education and Family Literacy Week, Constitution Week, Mr. Larson presented about SOVAH and they met the new person from the Extension Office. Danville’s Director of Economic Development Corrie Bobe has been recognized as one of the five hundred power list award winners in Economic Development. Mayor Jones stated a lot of times people ask him why does he give so many accolades and so much encouragement. When you wake up, you try to make a difference in someone’s life, tell them to be encouraged, it’s not easy, and thank people for what they were doing. Mayor Jones thanked Council for what they do, and congratulated Mr. Mayo on his marriage.

ADJOURNED: 8:33 P.M.

APPROVED:

MAYOR

ATTEST:

CITY CLERK

Council Letter

City of Danville, Virginia



CL-2624

Consent Agenda C.

City Council Regular Meeting

Meeting Date: 10/19/2021

Subject: Assistance to Firefighters Grant

From: David Coffey, Fire Chief

COUNCIL ACTION

First Reading: 10/07/2021

Final Adoption: 10/19/2021

SUMMARY

The City has received notification from the Department of Homeland Security that the Danville Fire Department has been approved to receive funding from the 2020 Assistance to Firefighters Program in the amount of \$115,360.91 for the purchase of vehicle extrication equipment for three fire trucks, with local funding of \$11,536.09.

BACKGROUND

Funds from the Department of Homeland Security are given to the Assistance to Firefighters Program, to assist in helping localities throughout the Commonwealth upgrade their equipment for the safety of the public and firefighters, with respect to fire and fire-related hazards. The grant must be used within twenty-four months of receipt of funds.

RECOMMENDATION

It is recommended that City Council approve the attached Ordinance Amending the Fiscal Year 2022 Budget by increasing the revenue to anticipate the receipt of the grant funds from the Department of Homeland Security.

Attachments

Ordinance

PRESENTED: _____

ADOPTED: _____

ORDINANCE NO. 2022-____.____

AN ORDINANCE AMENDING THE FISCAL YEAR 2022 BUDGET APPROPRIATION ORDINANCE TO PROVIDE FOR A GRANT FROM THE VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT IN AN AMOUNT OF \$115,360.91 AND A LOCAL SHARE IN THE AMOUNT OF \$11,536.09 FOR EXTRICATION EQUIPMENT FOR THREE FIRE TRUCKS FOR A TOTAL APPROPRIATION IN THE AMOUNT OF \$126,897.00, AND APPROPRIATING SAME.

WHEREAS, the City has been notified by the Department of Homeland Security that the Danville Fire Department has been awarded a grant; and

WHEREAS, the grant funds are to be used to upgrade the extrication equipment of three fire trucks.

NOW THEREFORE, BE IT ORDAINED, by the Council of the City of Danville, Virginia, that the Fiscal Year 2022 Budget Appropriation Ordinance be, and is hereby, amended by increasing revenue from the Department of Homeland Security for extrication equipment upgrades and such revenue and appropriation to be as follows:

ANTICIPATED REVENUE

<u>Description</u>	<u>Account No.</u>	<u>Amount</u>
Federal: Fire Extrication Equipment	61716000-47670	<u>\$115,360.91</u>

ANTICIPATED EXPENDITURES

<u>Description</u>	<u>Account No.</u>	<u>Amount</u>
Fire Extrication Equipment	61716999-50	<u>\$115,360.91</u>

AND BE IT FURTHER ORDAINED, that a transfer from Special Grants Unallocated revenue and appropriation is hereby authorized to cover the local share as follows:

TRANSFER FROM

<u>Description</u>	<u>Account No.</u>	<u>Amount</u>
Special Grants Unallocated Transfer In From General Fund	60098000-6101	\$11,536.09
Special Grants Unallocated	60098000-6999	<u>\$11,536.09</u>

TRANSFERRED TO

<u>Description</u>	<u>Account No.</u>	<u>Amount</u>
Fire Extrication Equipment Transfer In From General Fund	61716000-6101	\$11,536.09
Fire Extrication Equipment	61716999-50	<u>\$11,536.09</u>

AND BE IT FURTHER ORDAINED, that this appropriation shall be a continuing appropriation and shall carry forward from year to year until expended for the purpose for which appropriated; and

BE IT FINALLY ORDAINED, that all other accounts and provisions of the Fiscal Year 2022 Budget Appropriation Ordinance, as amended, not hereby amended, shall continue in full force and effect unless and until hereafter further amended or repealed.

APPROVED:

Mayor

ATTEST:

Clerk

Approved as to
Form and Legal Sufficiency:

Deputy City Attorney

Council Letter

City of Danville, Virginia



CL-2622

Consent Agenda D.

City Council Regular Meeting

Meeting Date: 10/19/2021

Subject: Fiscal Year 2021-22 Community Development Block Grant Programs

From: Kenneth C. Gillie, Jr., Community Development Director

COUNCIL ACTION

First Reading: 10/07/2021

Final Adoption: 10/19/2021

SUMMARY

The City of Danville is a participating jurisdiction under the U.S. Department of Housing and Urban Development (HUD). Under this designation, the City receives Community Development Block Grant (CDBG) and HOME Investments Partnership Program (HOME) funds annually. The City has received its funding agreement from HUD in the amount of \$1,245,901 and needs to appropriate the money to be used for housing related programs.

BACKGROUND

In July, City Council approved a new five-year Consolidated Plan and Fiscal Year 2021-22 Annual Action Plan, specifying projects and activities that will be funded in the fiscal year. A large majority of the CDBG funds have historically been used for neighborhood revitalization efforts, and it is proposed to continue focusing on this effort in the 2020-21 Plan. In addition, there is a public service category which can be funded with up to 15% of the annual allocation. It provides funding to assist non-profit organizations to carry out programs that benefit low- to moderate-income individuals and/or households.

The City has received the program agreement from HUD for a total budget of \$1,245,901 for Fiscal Year 2020-21, comprised of \$907,295 CDBG funds, \$273,606 HOME funds, and \$65,000 estimated program income generated from loan repayments and the sale of houses currently under city programs.

RECOMMENDATION

It is recommended that City Council adopt the attached Budget Appropriation Ordinance appropriating \$1,245,901 from HUD for Fiscal Year 2021-22 for use in Housing related programs.

Attachments

Ordinance

PRESENTED: _____

ADOPTED: _____

ORDINANCE NO. 2021-____.____

A ORDINANCE AMENDING THE FISCAL YEAR 2022 BUDGET APPROPRIATION ORDINANCE FOR PROJECTS TO BE OR BEING UNDERTAKEN TO IMPROVE THE DANVILLE COMMUNITY FINANCED WITH COMMUNITY DEVELOPMENT BLOCK GRANT, HOME INVESTMENT PARTNERSHIP FUNDS FROM THE U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT, AND ESTIMATED PROGRAM INCOME FOR A TOTAL APPROPRIATION OF \$1,245,901.00.

WHEREAS, the United States Department of Housing and Urban Development has made available \$907,295 in Community Development Block Grant (CDBG) and \$273,606 in HOME Partnership Program (HOME) Entitlement funds to be used for projects to improve the Danville community; and

WHEREAS, it is projected that an aggregated amount of \$25,000 in CDBG program income and \$40,000 in HOME program income will be generated during the period from July 1, 2021 through June 30, 2022 from the Community Development Block Grant and HOME Entitlement funds which will be used to improve the Danville Community.

NOW THEREFORE, BE IT ORDAINED, by the Council of the City of Danville, Virginia, that the estimated/anticipated revenues and appropriation of funds to finance the Budget of the Community Development Block and HOME Partnership Program are hereby, as follows:

CDBG/HOME FUND
ESTIMATED/ANTICIPATED REVENUES

<u>Description</u>		<u>Account No.</u>	<u>Amount</u>
Federal Aid-CDBG:	FY2022	61689000-48025	\$907,295
Federal Aid-HOME:	FY2022	61690000-48030	\$273,606
CDBG Program Income:	FY2022	61689000-44381	\$ 25,000
HOME Program Income:	FY2022	61690000-44361	<u>\$ 40,000</u>
TOTAL:			<u>\$1,245,901</u>

ESTIMATED/ANTICIPATED EXPENDITURES

<u>Description</u>		<u>Account No.</u>	<u>Amount</u>
H & D ADMIN	FY2022		
Salaries & Wages		61670000-51100	\$54,800
FICA Taxes		61670000-51450	\$4,100
Retirement		61670000-51525	\$3,800
Group Hospital		61670000-51600	\$6,500
Group Life Insurance		61670000-51630	\$200
HSA Cont Exp		61670000-51632	\$1,100
Maintenance Service Contracts		61670000-52225	\$1,200
AVL Service Contracts		61670000-52226	\$100
Advertising		61670000-52275	\$600
Vehicles		61670000-52550	\$1,800
Print Shop – Supplies		61670000-52655	\$1,000
Postal Service		61670000-54050	\$900
Telephone/Internet		61670000-54100	\$1,900
General Liability Insurance		61670000-54650	\$100
Travel/Training		61670000-54900	\$1,300
Materials & Supplies		61670000-55930	\$900
TOTAL:			<u>\$80,300</u>

CDBG REHAB ADMIN:	FY2022		
Salaries & Wages		61671000-51100	\$201,900
FICA Taxes		61671000-51450	\$14,400
Retirement		61671000-51525	\$11,600
Group Hospital		61671000-51600	\$35,200
Group Life Insurance		61671000-51630	\$500
HAS Cont Exp		61671000-51632	\$5,000
Legal Services		61671000-52170	\$400
Maintenance Service Contracts		61671000-52225	\$500
Outside Services		61671000-52349	\$20,100
Vehicles Radio		61671000-52500	\$200
Vehicles		61671000-52550	\$5,400

Print Shop - Supplies	61671000-52655	\$300
Telephone	61671000-54100	\$1,700
General Liability Insurance	61671000-54650	\$100
Travel/Training	61671000-54900	\$2,100
Materials & Supplies	61671000-55930	\$35,200
Uniforms & Apparel	61671000-56050	\$1,200
Dues & Memberships	61671000-56242	\$1,100
	TOTAL:	<u>\$336,900</u>

REHABILITATION: FY2022

CDBG Housing Rehab Projects	61691000-50	\$306,919
	TOTAL:	<u>\$306,919</u>

FAIR HOUSING FY2022

Fair Housing Admin	61692000-50	\$23,176
	TOTAL:	<u>\$23,176</u>

PUBLIC SERVICE
ACTIVITIES (PSA): FY2022

Head Start/CIC	61694068-55005	\$40,000
College Bound	61694069-55005	\$12,000
Center for Housing Counselling	61694117-55005	\$3,000
Big Brothers/Big Sisters	61694122-55005	\$12,000
Neighbors Helping Neighbors	61694125-55005	\$15,000
Haven of the Dan River	61694131-55005	\$9,000
Legal Aid	61694415-55005	\$13,000
Ex-Offenders Program	61694416-55005	\$9,000
Temporary Shelter	61694135-55005	\$12,000
Danville Speech and Hearing	61694136-55005	\$10,000
	TOTAL:	<u>\$135,000</u>

PRT PUBLIC FACILITIES
WESTMORELAND FY2022

61693999-50	\$50,000
	<u>\$50,000</u>

HOME ADMIN FY2022

Salaries & Wages	61672000-51100	\$15,080
Salaries & Wages, Adjustment	61672000-51417	\$1,080
FICA Taxes	61672000-51450	\$1,080
Retirement	61672000-51525	\$1,080
Group Hospital	61672000-51600	\$3,080
Group Life Insurance	61672000-51630	\$100

HSA Cont Exp	61672000-51632	\$500
	TOTAL:	<u>\$22,000</u>
HOME REHABILITATION: FY2022		
HOME Housing Rehab Projects	61695999-50	\$210,734
	TOTAL:	<u>\$210,734</u>
HOME CHDO/HABITAT FOR HUMANITY FY2022		
CHDO Set Aside Rehab of Private Property	61696065-52230	\$30,000
CHDO Administration Expense	61696000-55815	\$9,900
	TOTAL	<u>\$39,900</u>
HOME CHDO/SOUTHSIDE FY2022		
CHDO Set Aside Rehab of Private Property	61697065-52230	\$37,247
CHDO Administration Expense	61697000-55815	\$3,725
	TOTAL:	<u>\$40,972</u>
	GRAND TOTAL	<u>\$1,245,901</u>

BE IT FURTHER ORDAINED, that a flexible budget is hereby authorized whereby appropriations may be increased to the extent that actual revenues from Interest and Program Incomes exceed the original budget amount; and

BE IT FINALLY ORDAINED that all other accounts and provisions of the Fiscal Year 2022 Budget Appropriations Ordinance, as amended, not hereby amended, shall continue in full force and effect unless and until hereafter further amended or repealed.

APPROVED:

Mayor

ATTEST:

Clerk

Approved as to
Form and Legal Sufficiency:

City Attorney

Council Letter

City of Danville, Virginia



CL-2640

Consent Agenda E.

City Council Regular Meeting

Meeting Date: 10/19/2021

Subject: Virginia Juvenile Community Crime Control Act Funding Appropriation

From: Scott Booth, Police Chief

COUNCIL ACTION

First Reading: 10/07/2021

Final Adoption: 10/19/2021

SUMMARY

The Virginia Juvenile Community Crime Control Act (VJCCCA) requires the locality to develop and submit a plan outlining how the City will serve juvenile offenders before intake on complaints, or from the court, on petitions alleging the juvenile is delinquent, in need of services, or in need of supervision, with allocated funds. The locality's plan and funding was approved for Fiscal Year 2022. The VJCCCA Plan for Fiscal Year 2022 will continue to provide the Electronic Monitoring and Outreach Detention Programs. It is projected that ten (10) juveniles will be served in the Outreach Detention Program and thirty-five (35) will be served in the Electronic Monitoring Program. The plan will also offer Prevention Services for Non-DJJ and Pro-Social Skills Program for DJJ youth referred to the program through the City's Youth and Gang Violence Prevention Coordinator. It is projected the program will serve eight (8) juveniles in each program for a period of 90 days. During Fiscal Year 2022, the City will receive \$86,999 from the Department of Juvenile Justice to support the delivery of programs and services to juvenile offenders; the City will provide a match of \$39,830. The total allocation to operate the VJCCCA Programs is \$126,829.

BACKGROUND

In 1995, the General Assembly enacted the Virginia Juvenile Community Crime Control Act (VJCCCA) which appropriated additional funds to localities to implement non-secure detention programs and services to meet the needs of juveniles involved with the Juvenile & Domestic Relations Court Services Unit. The City has been the recipient of VJCCCA funds since its inception. The VJCCCA funding allows the W. W. Moore, Jr. Detention Home to operate an Electronic Monitoring and Outreach Detention Program and provide other identified services based on the needs of the juveniles referred by the Danville Juvenile & Domestic Relations Court and the community. Without these programs and services, it is possible many of these juveniles would be placed in secure detention or an out-of-home placement, resulting in a greater cost to the locality.

RECOMMENDATION

It is recommended that City Council approve the attached Ordinance appropriating funds to operate non-secure detention programs to provide services for offenders in the Juvenile Justice System and other juveniles at risk of offending.

Attachments

Ordinance

PRESENTED: _____

ADOPTED: _____

ORDINANCE NO. 2021-____.____

AN ORDINANCE AMENDING THE FISCAL YEAR 2022 BUDGET APPROPRIATION ORDINANCE FOR A GRANT FROM THE DEPARTMENT OF JUVENILE JUSTICE IN THE AMOUNT OF \$86,999 AND A LOCAL SHARE OF \$39,830 FOR A TOTAL APPROPRIATION OF \$126,829, TO PROVIDE FOR THE ELECTRONIC MONITORING AND OUTREACH DETENTION PROGRAMS AND PREVENTION SERVICES/PRO-SOCIAL SKILLS PROGRAM FOR THE CITY OF DANVILLE AT THE W. W. MOORE JR. DETENTION HOME AND APPROPRIATING SAME.

NOW THEREFORE, BE IT ORDAINED, by the Council of the City of Danville, Virginia, that the Fiscal Year 2022 Budget Appropriation Ordinance be, and it is hereby, amended to anticipate revenues from a grant in the amount of \$86,999 from the Virginia Juvenile Community Crime Control Act for the purpose of operating programs which provide alternatives to detention and appropriating same in the Special Grants Fund, and \$39,830 be appropriated from the General Fund Account such revenues and appropriation to be as follows:

ANTICIPATED REVENUES

<u>Description</u>	<u>Account No.</u>	<u>Amount</u>
Categorical Aid-State: Virginia Juvenile Community Crime Control Act (VJCCCA)	61681000-47240	\$86,999
Local Share: Transfers from General Fund	61681000-6101	<u>39,830</u>
	TOTAL:	<u>\$126,829</u>

ANTICIPATED EXPENDITURES

<u>Description</u>	<u>Account No.</u>	<u>Amount</u>
W. W. Moore, Jr. Detention Home Electronic Monitoring, Outreach Detention Program And DJJ Youth Prevention Services and Non-DJJ Youth Pro-Social Skills Program.		
FT Sal/Wages Reg	61681000 51100	\$92,582
FICA	61681000 51450	9,249

Retirement ERS	61681000 51525	7,384
Telephone	61681000 54100	854
Materials & Supplies	61681000 55930	2,760
Travel/Train Exp	61681000 54900	7,000
Equipment Leased	61681000 54750	<u>7,000</u>
	TOTAL:	<u>\$126,829</u>

AND BE IT FURTHER ORDAINED, that all other accounts and provisions of the Fiscal Year 2022 Budget Appropriation Ordinance, as amended, not hereby amended, shall continue in full force and effect unless and until hereafter further amended or repealed.

APPROVED:

Mayor

ATTEST:

Clerk

Approved as to
Form and Legal Sufficiency:

City Attorney

Council Letter

City of Danville, Virginia



CL-2642

Consent Agenda F.

City Council Regular Meeting

Meeting Date: 10/19/2021

Subject: USDA Grant for Food Services at W. W. Moore, Jr. Detention Home

From: Scott Booth, Police Chief

COUNCIL ACTION

First Reading: 10/07/2021

Final Adoption: 10/19/2021

SUMMARY

Each year, the W. W. Moore, Jr. Detention Home receives funds from the United States Department of Agriculture (USDA) as a result of the detention home's participation in the National School Nutrition Program. The revenue from the USDA offsets some of the costs related to the Food Service Operation at the detention home. It is projected the City will receive \$38,681 for Fiscal Year 2022. The amount of funds received may be more or less depending on changes in the daily population.

BACKGROUND

The W. W. Moore, Jr. Detention Home will participate in the National School Nutrition Program during Fiscal Year 2022. The anticipated revenue is projected, and an appropriation is requested based on utilization rates, reimbursement rates, and the number of days each meal or snack is reimbursed. The USDA reimbursement rates provided by the Department of Juvenile Justice Food Service Operations Unit for Fiscal Year 2022 are as follows: Breakfast - \$2.46; Lunch - \$4.32; and Snack - \$1.00. Breakfast and Lunch meals are reimbursed 365 days per year. Snacks are reimbursed 104 days per year. There is no reimbursement for Dinner meals. Based on the Average Daily Population of fifteen last Fiscal Year, and the number of days meals and snacks are reimbursed, the W. W. Moore, Jr. Detention Home expects to receive approximately \$38,681. USDA funds are received quarterly by the City of Danville.

RECOMMENDATION

It is recommended that City Council adopt the attached Ordinance appropriating funds within the Special Grants Fund for expenses related to the Food Service Operation at the W. W. Moore, Jr. Detention Home.

Attachments

Ordinance

PRESENTED: _____

ADOPTED: _____

ORDINANCE NO. 2021-____.____

AN ORDINANCE AMENDING THE FISCAL YEAR 2022 BUDGET APPROPRIATION ORDINANCE FOR A FEDERAL GRANT IN THE AMOUNT OF APPROXIMATELY \$38,681 TO AID THE FOOD SERVICE OPERATIONS AT W. W. MOORE, JR. DETENTION HOME AND APPROPRIATING SAME.

NOW THEREFORE, BE IT ORDAINED, by the Council of the City of Danville, Virginia, that the Fiscal Year 2022 Budget Appropriation Ordinance be, and it is hereby, amended to anticipate revenue from a grant in the amount of approximately \$38,681 from the United States Department of Agriculture to the W. W. Moore, Jr. Detention Home for the purpose of aiding the food service operations and appropriating same in the Special Grants Fund for Fiscal Year 2022, such revenues and appropriation to be as follows:

ANTICIPATED REVENUES

<u>Description</u>	<u>Account No.</u>	<u>Amount</u>
Categorical Aid-State: USDA - Detention Home	60114000-47210	<u>\$38,681</u>

ANTICIPATED EXPENDITURES

<u>Description</u>	<u>Account No.</u>	<u>Amount</u>
W. W. Moore, Jr. Detention Home Food Supplies/Food Services	60114000-55825	<u>\$38,681</u>

AND BE IT FURTHER ORDAINED, that this appropriation shall be a continuing appropriation and such appropriations shall carry forward from year to year until such funds are expended for the purpose for which they were appropriated; and

BE IT FINALLY ORDAINED, that all other accounts and provisions of the Fiscal Year 2022 Budget Appropriation Ordinance, as amended, not hereby amended, shall continue in full force and effect unless and until hereafter further amended or repealed.

APPROVED:

Mayor

ATTEST:

Clerk

Approved as to
Form and Legal Sufficiency:

City Attorney

Council Letter

City of Danville, Virginia



CL-2653

Appointments A.

City Council Regular Meeting

Meeting Date: 10/19/2021

Subject: Consideration of Appointments to Boards and Commissions

From: Susan M. DeMasi, City Clerk

COUNCIL ACTION

Business Meeting: 10/19/2021

SUMMARY

Consideration of an Appointment to the following Board:

1. Danville Community Policy & Management Team

Attachments

Resolution

PRESENTED: _____

ADOPTED: _____

RESOLUTION NO. 2021 – 10.

**A RESOLUTION APPOINTING SANDRA IRBY AS A MEMBER OF THE
DANVILLE COMMUNITY POLICY AND MANAGEMENT TEAM AS THE DANVILLE
PITTSYLVANIA COMMUNITY SERVICES REPRESENTATIVE**

BE IT RESOLVED by the Council of the City of Danville, Virginia, that Sandra Irby be, and she is hereby appointed as a member of the Danville Community Policy and Management Team as the Danville Pittsylvania Community Services Representative.

APPROVED:

MAYOR

ATTEST:

CITY CLERK

Council Letter

City of Danville, Virginia



CL-2631

New Business A.

City Council Regular Meeting

Meeting Date: 10/19/2021

Subject: General Fund Monthly Financial Report

From: Michael Adkins, Director of Finance

COUNCIL ACTION

Business Meeting: 10/19/2021

SUMMARY

A brief summary of the General Fund financial results through September 30, 2021, will be given. Financial statements are included.

Attachments

Financial Statements



To: Ken F. Larking, City Manager

From: Michael L. Adkins, Chief Financial Officer

Date: October 8, 2021

Subject: Summary of Preliminary General Fund Financial Results for September 30, 2021

After completing the first quarter of the new fiscal year, revenues are ahead of the previous year. As of September 30, General Fund revenues were \$20,001,873. This represents 17.31% of our FY 2022 budget. Last year, at this time, we had collected \$18,935,890 or 16.95% of budget.

We continue to see steady performance in the collection of delinquent real estate taxes this year with \$421,913 realized in the first three months of this fiscal year. This accounts for 39.8% of the current year budget. Tax bills for FY 2022 will be mailed in November and we will begin realizing collection of current real estate and personal property taxes at that time. Local taxes collected through September 30 were \$6,514,513 or 22.4% of budget. This exceeds FY 2021 collections by \$652,423. Sales tax collections through September amounted to \$2,658,192 or 26.3% of budget, an increase of \$176,348 from last year. Meals taxes collected for the first quarter of the fiscal year amounted to \$2,484,757 or 29.3% of budget, an increase of \$428,879 from last year. Business Licenses realized at the end of September were \$309,357, a decrease of \$53,705 from the prior year. Lodging taxes received as of September 30, were \$510,497 or 33.8% of budget, an increase of \$135,196 from the prior year. Local consumer taxes have rebounded beyond pre-pandemic levels. Nearly all other revenue categories are at or near the prior year and are tracking well with budget at this point.

Expenditures at September 30 were \$35,034,265 or 28.2% of budget. This is an increase of \$2.5 million when compared to September 30, 2020. The net increase is due to the timing of transfers to schools for debt payment offset by a decrease in the transfers to other funds and increases in departmental expenditures. Departmental expenditures at the end of September show an increase of about \$201,000 from last year with a decrease in general government, attributed to the timing of expenditures offset by an increase in public safety and essentially all other departments. The most significant reason for the increase is allocating one month of public safety salaries to CARES Act funding in the prior fiscal year. Fund expenditures exceeded revenues by \$15,032,392 at September 30. This is typical for the start of the fiscal year in the General Fund because the timing of the revenue recognition is not matched to expenditures. At this point, the General Fund is performing as expected.

CITY OF DANVILLE, VIRGINIA
GENERAL FUND REPORT
25% OF YEAR LAPSED AS OF SEPTEMBER 30, 2021
****PRE-CLOSING FIGURES - SUBJECT TO CHANGE - UNAUDITED****

	Budgets & Appropriations For Current Year	Actual Revenues & Expenditures For Year-to-Date	Percent Realized/Expended This Year	Encumbrances	Balance to be Realized/Expended	Actual Revenues & Expenditures At This Date Last Year
REVENUES:						
Property Taxes	\$ 35,212,000	\$ 2,144,618	6.09%		\$ 33,067,382	\$ 1,945,442
Other Local Taxes	29,064,030	6,514,513	22.41%		22,549,517	5,862,091
License Permits & Privilege Fees	1,196,690	58,940	4.93%		1,137,750	54,674
Fines & Forfeitures	338,050	50,080	14.81%		287,970	59,018
Revenue From Use Money & Property	865,730	169,335	19.56%		696,395	246,479
Charges For Services	3,295,520	708,264	21.49%		2,587,256	775,974
Miscellaneous Revenue	305,170	84,804	27.79%		220,366	75,936
Recovered Cost	8,128,990	1,935,465	23.81%		6,193,525	1,907,276
Non-Categorical Aid	5,726,620	1,370,906	23.94%		4,355,714	1,433,818
Shared Expenses (Categ. Aid State)	5,260,160	1,216,410	23.12%		4,043,750	1,216,493
Categorical Aid (State)	9,587,440	1,210,925	12.63%		8,376,515	1,509,685
Emergency Services (Federal)	27,020	-	0.00%		27,020	-
Categorical Aid (Federal)	-	-			-	10,754
Transfers From Utilities/Cap Project	16,569,363	4,537,613	27.39%		12,031,750	3,838,250
TOTAL REVENUES	\$ 115,576,783	\$ 20,001,873	17.31%		\$ 95,574,910	\$ 18,935,890
EXPENDITURES:						
General Government Administration	\$ 12,158,477	\$ 3,437,285	28.27%	\$ 618,363	\$ 8,102,829	\$ 3,585,825
Judicial Administration	7,546,002	1,987,576	26.34%	225	5,558,201	1,814,225
Public Safety	32,949,488	7,160,659	21.73%	610,799	25,178,030	6,993,743
Public Works	4,641,926	1,029,321	22.17%	206,491	3,406,115	964,187
Health, Education, Welfare & Soc. Svc.	9,358,540	1,455,837	15.56%	102,413	7,800,290	1,586,589
Parks, Recreation & Cultural	5,484,032	1,086,765	19.82%	119,351	4,277,917	1,010,518
Community Development	2,050,985	363,697	17.73%	179,949	1,507,339	364,797
Non-Departmental	12,734,810	3,790,081	29.76%	-	8,944,729	3,711,185
Transfer to Schools - Operating	33,606,300	13,445,315	40.01%	3,323,320	16,837,665	10,286,107
Transfer to Capital Projects	2,013,230	610,080	30.30%	-	1,403,150	-
Transfer to Other Funds	1,614,940	667,650	41.34%	-	947,290	2,256,121
TOTAL EXPENDITURES	\$ 124,158,732	\$ 35,034,265	28.22%	\$ 5,160,909	\$ 83,963,557	\$ 32,573,298
Revenue over(under) Expenditures		<u>\$ (15,032,392)</u>				<u>\$ (13,637,408)</u>
FUND BALANCE:						
Beginning Fund Balance 07/01/2021		\$ 47,094,310				\$ 43,311,090
Revenue over(under) Expenditures		(15,032,392)				(13,637,408)
Ending Fund Balance 09/30/2021		<u>\$ 32,061,918</u>				<u>\$ 29,673,682</u>
Composition of Fund Balance:						
Reserved for Encumbrances/Designated Funds		\$ 12,920,055				\$ 12,574,988
Unassigned		<u>19,141,864</u>				<u>17,098,694</u>
TOTAL FUND BALANCE 09/30/2021		<u>\$ 32,061,918</u>				<u>\$ 29,673,682</u>

472304419%

City of Danville, Virginia
Summary of Other Local Tax Revenues - PRE-CLOSING - UNAUDITED
For the period ending September 30, 2021

Description	Current Budget	Revenue Realized	Percentage Realized	Prior Year Budget	Prior Year Realized	Percentage Prior Year
Sales Tax	\$ 10,115,880	\$ 2,658,192	26.28%	\$ 9,150,000	\$ 2,481,843	27.12%
Business Licenses	5,450,000	309,357	5.68%	5,250,000	363,062	6.92%
Meals Tax	8,471,320	2,484,757	29.33%	8,645,000	2,055,878	23.78%
Utility Taxes	940,000	227,745	24.23%	967,000	234,177	24.22%
Vehicle License Fees	1,000,000	132,725	13.27%	990,000	119,965	12.12%
Bank Stock Tax	940,000	-	0.00%	900,000	-	0.00%
Recordation Tax	200,000	100,486	50.24%	180,000	152,556	84.75%
Hotel Motel Tax	1,511,630	510,497	33.77%	1,600,000	375,301	23.46%
Daily Property Rental Tax	13,200	4,182	31.68%	15,000	2,518	16.79%
Motor Vehicle Tax	162,000	53,755	33.18%	175,000	49,473	28.27%
DMV Fees	260,000	32,818	12.62%	245,000	27,318	11.15%
TOTAL	\$ 29,064,030	\$ 6,514,513	22.41%	\$ 28,117,000	\$ 5,862,091	20.85%

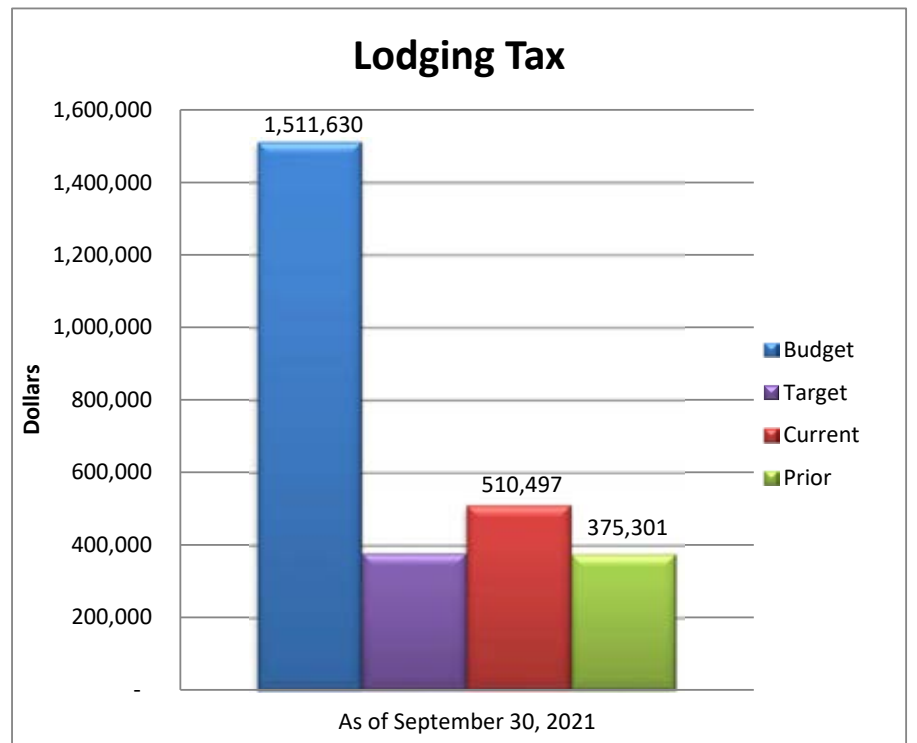
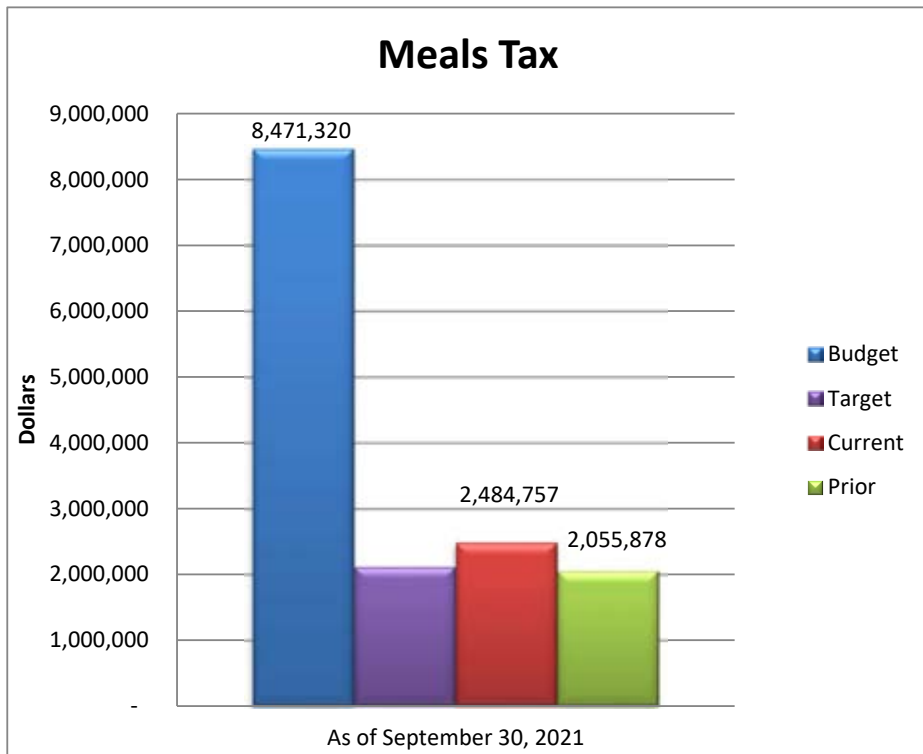
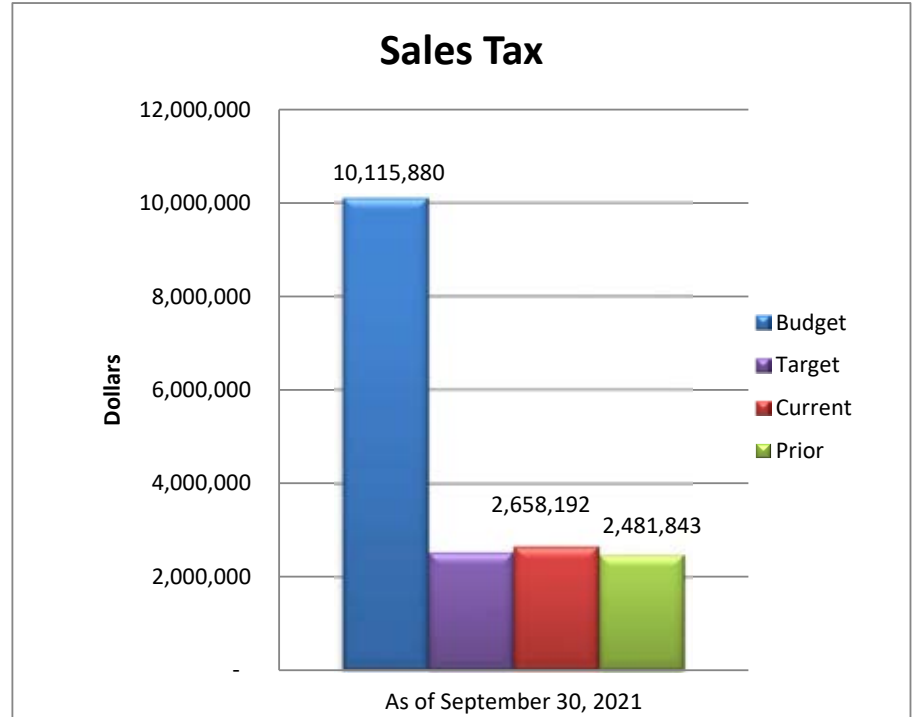
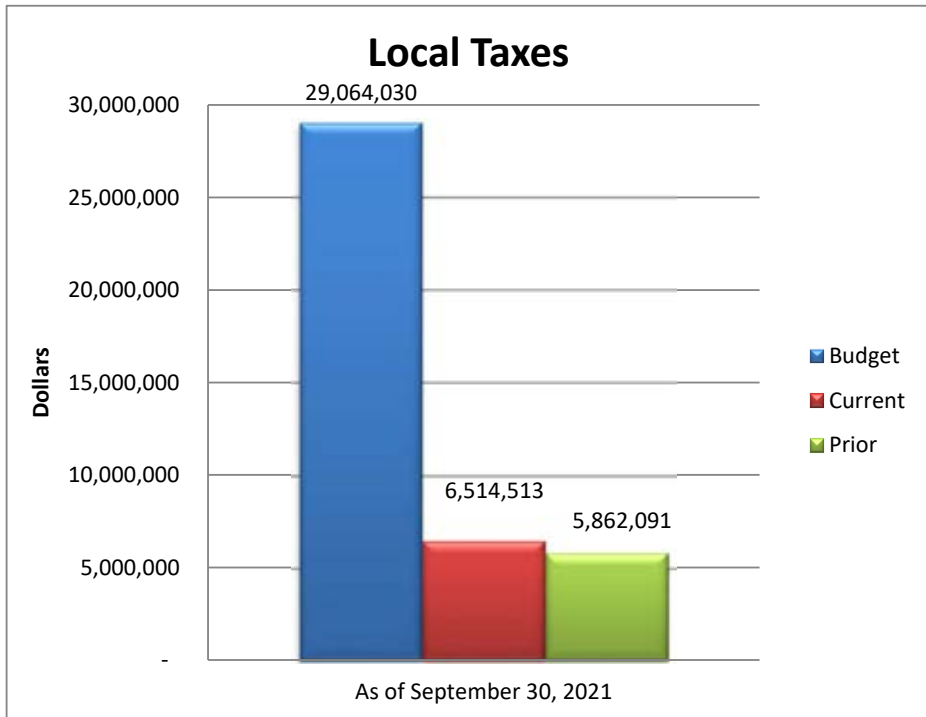
**CITY OF DANVILLE, VIRGINIA
GENERAL FUND
COMPOSITION OF FUND BALANCE
PRELIMINARY - AS OF SEPTEMBER 30, 2021**

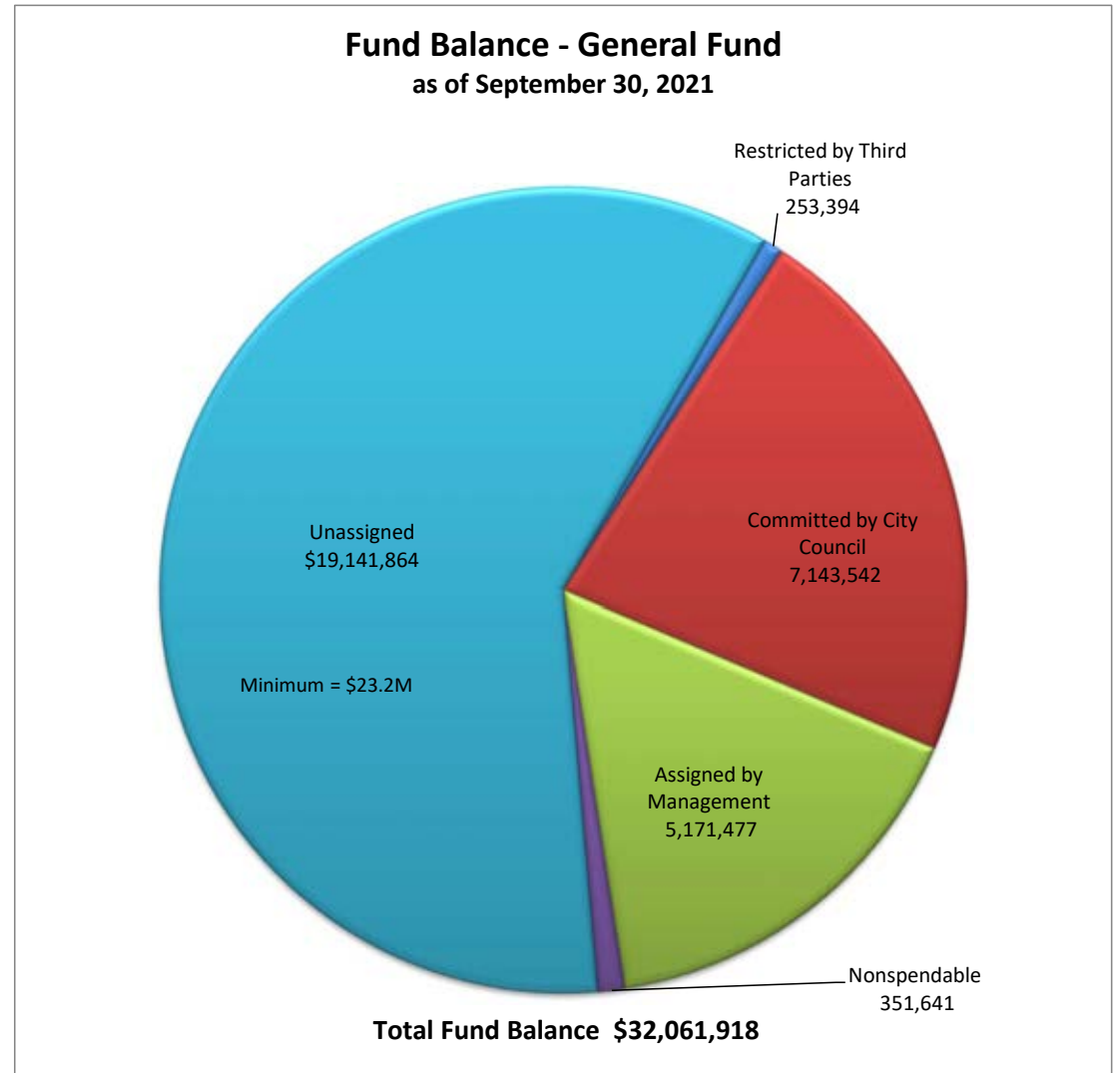
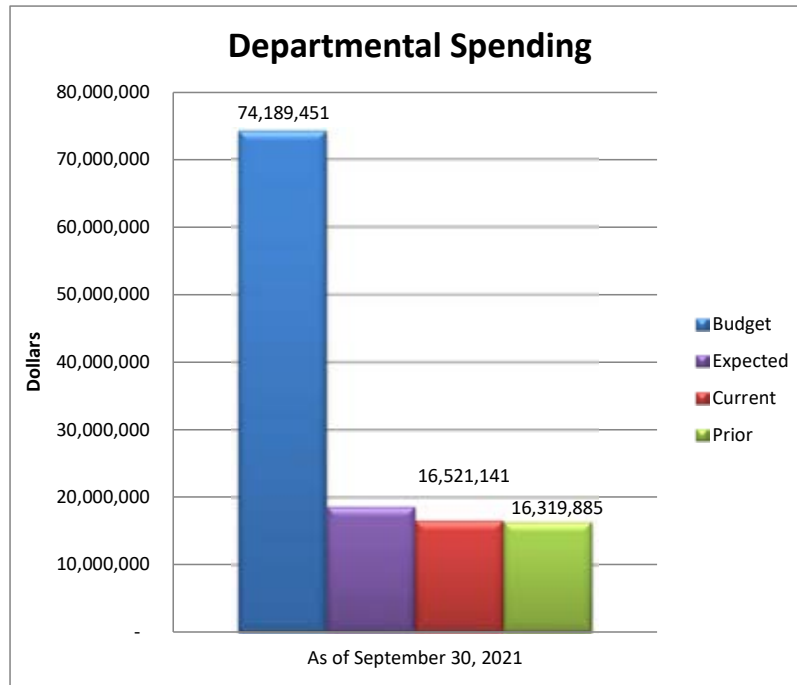
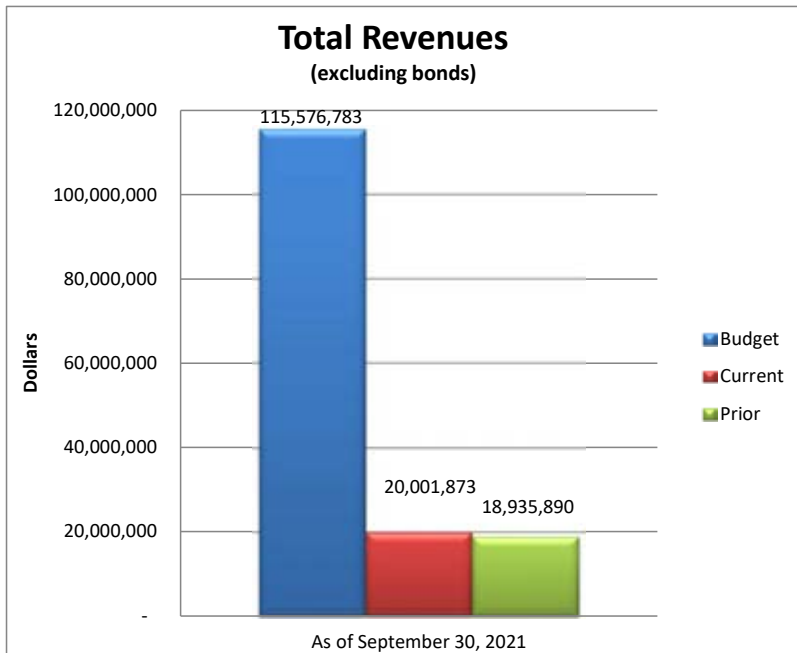
Beginning Total Fund Balance, July 1, 2021	47,094,310.14
Add: General Fund Revenues	20,001,873.40
Deduct: General Fund Expenditures	<u>(35,034,265.41)</u>
Ending Total Fund Balance, September 30, 2021	<u><u>32,061,918.13</u></u>

Composition of Fund Balance:

Restricted for Commonwealth Attorney	102,056.79
Restricted for Police Department	33,612.66
Restricted for Fire Department	117,724.87
Committed for Sheriff's Department	115.34
Committed to Schools	4,143,427.05
Committed to Budget Stabilization	3,000,000.00
Assigned to Community Development	10,568.12
Assigned for Encumbrances	5,160,909.23
Nonspendable (Inventory and Prepaids)	351,640.50
UNASSIGNED	<u>19,141,863.57</u>
Total Fund Balance, September 30, 2021	<u><u>32,061,918.13</u></u>

Unassigned fund balance from above	19,141,863.57
Unassigned Minimum per policy (20% of General Fund Operating Revenues) based on FY 2021 budget	<u>23,115,356.59</u>
Current surplus (deficit) over (under) minimum	<u>(3,973,493.02)</u>





Council Letter

City of Danville, Virginia



CL-2654

New Business B.

City Council Regular Meeting

Meeting Date: 10/19/2021

Subject: Approval of Free Bus Service During November Elections

From: Marc Adelman, Director of Transportation Services

COUNCIL ACTION

Business Meeting: 10/19/2021

SUMMARY

Free bus service will be offered on Election Day, November 2, 2021, to encourage interested persons to vote. Free bus service will be provided for all transit operations including fixed route and reservation based service. The Transportation Advisory Committee supports offering this free bus service on November 2nd and the Virginia Department of Rail and Public Transportation has indicated that a public hearing is not required.

RECOMMENDATION

Staff recommends City Council approve the attached Resolution Approving Free Bus Service in the City of Danville on Election Day, November 2, 2021.

Attachments

Resolution

PRESENTED: _____

ADOPTED: _____

RESOLUTION NO. 2021 - ____.

A RESOLUTION AUTHORIZING THE DANVILLE TRANSIT SYSTEM TO OFFER FREE BUS SERVICE ON TUESDAY, NOVEMBER 2, 2021.

WHEREAS, transportation access can challenge the public's ability to vote and participation may be improved by removing this barrier; and

WHEREAS, the Danville Transit System offers fixed route service to the majority of polling locations and offers reservation based transportation service and door-to-door service for persons with disabilities throughout the city limits of Danville.

NOW THEREFORE, BE IT RESOLVED, by the Council of the City of Danville, Virginia that transit passengers will not be charged a fee on November 2, 2021 be, and is hereby, approved.

APPROVED:

Mayor

ATTEST:

Clerk

Approved as to Form and
Legal Sufficiency:

City Attorney

Council Letter

City of Danville, Virginia



CL-2627

New Business C.

City Council Regular Meeting

Meeting Date: 10/19/2021

Subject: Consideration of City Approving Assignment of Chatmoss Franchise Agreement

From: W. Clarke Whitfield, Jr., City Attorney

COUNCIL ACTION

Business Meeting: 10/19/2021

SUMMARY

City Staff is seeking approval to consent to the assignment of an existing cable franchise for pole attachment in Pittsylvania County from Chatmoss Cablevision Inc., to Zito Chatmoss LLC.

BACKGROUND

The City had previously granted a franchise agreement to Chatmoss Cablevision Inc., authorizing them to attach cable equipment to City-owned utility poles located in Pittsylvania County. This franchise was initially approved in 1989 and has been subsequently renewed multiple times. Chatmoss Cablevision Inc., is selling its business to Zito, a cable operator in twenty-two states.

Zito wishes to continue operating cable television services, but needs approval from the City in order to obtain the pole attachment franchise. Zito has agreed to abide by all terms in the existing franchise, pay the City's current fee schedule related to pole attachment services, and maintain insurance coverage meeting the City's requirements under the City Code. Danville Utilities does not anticipate any issues from transferring this franchise.

RECOMMENDATION

City staff recommends City Council consent to the assignment and approve the attached resolution authorizing the City Manager to execute the assignment request.

Attachments

Resolution

PRESENTED: _____

ADOPTED: _____

RESOLUTION NO. 2021-_____._____

A RESOLUTION APPROVING AND AUTHORIZING THE ASSIGNMENT OF AN EXISTING POLE ATTACHMENT FRANCHISE FROM CHATMOSS CABLEVISION INC. TO ITS NEW OWNER ZITO CHATMOSS LLC.

WHEREAS, pursuant to Virginia Code §15.2-2100 and Danville Code Section 9.5-11 the City of Danville has granted a franchise to Chatmoss Cablevision Inc. permitting it to attach cable equipment to City-owned poles located in Pittsylvania County, Virginia; and

WHEREAS, Chatmoss Cablevision Inc. has continuously held and renewed such franchise without complaint since May 11, 1989; and

WHEREAS, Chatmoss Cablevision Inc. has entered into an asset purchase agreement with Zito Chatmoss, LLC (Zito), a company presently operating cable services in 22 States, whereby Zito will acquire all of Chatmoss Cablevision Inc.'s business including all cable equipment attached to City-owned poles under the existing City franchise; and

WHEREAS, Zito desires to continue operating cable services equivalent to Chatmoss Cablevision Inc. and seeks the City's approval to acquire the existing franchise so that it may continue to operate; and

WHEREAS, under Danville Code Section 9.5-14 the City must consent to any assignment of such a franchise; and

WHEREAS, Zito has agreed to abide by all existing terms and conditions of the existing franchise, has agreed to pay the City's current schedule of fees for such franchise, and presently has insurance coverage meeting the minimum required by law.

NOW THEREFORE, BE IT RESOLVED, by the Council of the City of Danville, Virginia that it hereby approves and authorizes the assignment of the existing pole attachment franchise for Chatmoss Cablevision Inc. to Zito Chatmoss LLC contingent

upon its continued compliance with the terms of the franchise, the payment of the current City fee schedule, and the maintenance of insurance required by law; and

BE IT FURTHER RESOLVED, by the Council of the City of Danville, Virginia, that it hereby directs the City Manager to execute any and all documents necessary to complete the transaction described in this resolution.

APPROVED:

Mayor

ATTEST:

City Clerk

Approved as to
Form and Legal Sufficiency:

City Attorney

Council Letter

City of Danville, Virginia



CL-2628

New Business D.

City Council Regular Meeting

Meeting Date: 10/19/2021

Subject: Consideration of the City Releasing Liens Against Five-Forks Properties

From: W. Clarke Whitfield, Jr., City Attorney

COUNCIL ACTION

Business Meeting: 10/19/2021

SUMMARY

City Staff is seeking approval from City Council to release twenty (20) nuisance abatement liens affecting five (5) parcels of land on Jefferson Avenue and Loyal Street, to facilitate its donation to the Danville Redevelopment and Housing Authority (DRHA).

BACKGROUND

The City is interested in preserving the unique historic character of the Five-Forks area to encourage growth around the River District and Old West End. In furtherance of this plan, DRHA is interested in redeveloping several blighted properties in the Five-Forks area, located on Jefferson Avenue and Loyal Street in the Old West End, identified as Parcels #21232 and #24234 Jefferson Avenue, and #22490, #22491, and #21930 Loyal Street. In order to complete this as planned, the DRHA must acquire ownership of these parcels with marketable title. At the present time, there are twenty (20) City-held liens for nuisance abatement services affecting the Parcels, greatly exceeding the market value for the Parcels and preventing the DRHA from obtaining marketable title.

The present owner of the Parcels has recently obtained them from the out-of-state owners that permitted the liens to accumulate. The present owner desires to donate the parcels to the DRHA to assist with the City's blight eradication and neighborhood redevelopment plans, but is unable to at this time due to the preexisting liens. The City has authority under State law to release the liens to allow for the transfer of the Parcels to an unrelated owner, such as DRHA. By releasing the liens, the DRHA can accept the donation of the Parcels. City Staff has determined that releasing the outstanding nuisance abatement liens to facilitate its transfer would be of benefit to the City, by eliminating likely future maintenance costs, increasing the taxable value of the Parcels, and enabling stabilization and rehabilitation of the structures located on the Parcels.

RECOMMENDATION

City staff recommends releasing the existing liens affecting the Parcels to assist the DRHA with the preservation and redevelopment of the Five-Forks area, contingent upon the actual donation of the Parcels to DRHA.

Attachments

Resolution

PRESENTED: _____

ADOPTED: _____

RESOLUTION NO. 2021-____.____

A RESOLUTION APPROVING AND AUTHORIZING THE RELEASE OF CITY-HELD LIENS AGAINST REAL PROPERTY IDENTIFIED AS PARCELS #21232 AND #24234 JEFFERSON AVENUE AND #22490, #22491, AND #21930 LOYAL STREET TO FACILITATE THEIR CONVEYANCE TO THE DANVILLE REDEVELOPMENT AND HOUSING AUTHORITY.

WHEREAS, The City of Danville, in furtherance of its duty to protect the health and safety of the community, has recorded twenty (20) liens total at the Circuit Court cumulatively against Parcels #21232 and #24234 on Jefferson Avenue and #22490, #22491, and #21930 on Loyal Street for nuisance abatement services; and

WHEREAS, the city-held liens greatly exceed the tax assessed value of Parcels #21232 and #24234, and otherwise cloud legal title to Parcels #22490, #22491, and #21930, making all of the lots presently unmarketable; and

WHEREAS, the present owner of these Parcels was not the owner when any of these liens were assessed and desires to donate the property to the Danville Redevelopment and Housing Authority (DRHA) to assist in the eradication of blight and redevelopment of the historic five-forks area that links Danville's Tobacco Warehouse Historic District and Old West End Historic District; and

WHEREAS, it is a goal of the Council of the City of Danville to partner with members of the community where possible to achieve worthwhile community goals; and

WHEREAS, under Virginia Code § 15.2-906(4) a locality may release such a lien against a particular property in order to facilitate its transfer to an unrelated, bona fide recipient.

NOW THEREFORE, BE IT RESOLVED, by the City Council of Danville, Virginia that all city-held liens recorded in the Danville Circuit Court Clerk's Office against Parcels #21232, #24234, #22490, #22491, and #21930 be released to facilitate its

donation to the DRHA for the purpose of revitalizing the five-forks area, provided such transfer actually occurs.

APPROVED:

Mayor

ATTEST:

City Clerk

Approved as to
Form and Legal Sufficiency:

City Attorney

Council Letter

City of Danville, Virginia



CL-2629

New Business E.

City Council Regular Meeting

Meeting Date: 10/19/2021

Subject: Consideration of the City Releasing Liens Against Colquhoun Street Properties

From: W. Clarke Whitfield, Jr., City Attorney

COUNCIL ACTION

Business Meeting: 10/19/2021

SUMMARY

City Staff is seeking approval from City Council to release thirty-three (33) nuisance abatement liens affecting three (3) parcels of land on Colquhoun Street to facilitate its sale to a new owner, and partial payoff.

BACKGROUND

The City currently holds approximately \$40,000.00 in nuisance abatement liens against three (3) contiguous Parcels on Colquhoun Street, across from Doyle Thomas Park, identified as Parcels #20725, #21571, and #23906. The liens greatly exceed the market value of the Parcels.

The present owners of the Parcels are heirs who inherited the Parcels subsequent to most of the liens already having been recorded. These owners have arranged a potential sale of the Parcels to a prospective buyer that does not have any history of nuisances within the City, for a sale price of approximately \$26,000.00. The present owners desire to pay all potential sales proceeds to the City. The potential purchaser intends to develop the Parcel, increasing its taxable value. The sale is dependent upon the City releasing the recorded nuisance abatement liens to allow marketable title.

Under State law, City Council can release nuisance abatement liens to facilitate the sale of an otherwise unmarketable lot. City Staff has determined that releasing the outstanding nuisance abatement liens to facilitate the property sale would be of benefit to the City by eliminating likely future maintenance costs, increasing the taxable value of the Parcels, and enabling the owner to pay the City a majority of what is owed to it.

RECOMMENDATION

City staff recommends releasing the existing liens affecting Parcel #20725, #21571, and #23906, contingent upon the actual sale of the Parcels and the payment of all sales proceeds to the City of Danville.

Attachments

Resolution

PRESENTED: _____

ADOPTED: _____

RESOLUTION NO. 2021-____.____

A RESOLUTION APPROVING AND AUTHORIZING THE RELEASE OF CITY-HELD LIENS AGAINST REAL PROPERTY IDENTIFIED AS PARCELS #20725, #21571, AND #23906 COLQUHOUN STREET TO FACILITATE THEIR SALE.

WHEREAS, The City of Danville, since 2012, in furtherance of its duty to protect the health and safety of the community, has recorded Thirty-three (33) liens total at the Circuit Court cumulatively against Parcels #20725, #21571, and #23906 on Colquhoun Street for nuisance abatement services valued at approximately \$40,000.00; and

WHEREAS, the city-held liens greatly exceed the tax assessed value of Parcels #20725, #21571, and #23906, making all of the lots presently unmarketable; and

WHEREAS, the present owners of these Parcels are heirs, were not the owners when most of these liens were assessed, and desire to sell the property to an unrelated person for approximately \$26,000.00 and pay to the City all sales proceeds; and

WHEREAS, given the size and location of these Parcels it is likely that future City abatement services will be required absent a sale to a new owner; and

WHEREAS, under Virginia Code § 15.2-906(4) a locality may release such liens against a particular property in order to facilitate its sale or transfer to an unrelated, bona fide purchaser.

NOW THEREFORE, BE IT RESOLVED, by the City Council of Danville, Virginia that all city-held liens recorded in the Danville Circuit Court Clerk's Office against Parcels #20725, #21571, and #23906 on Colquhoun Street be released to facilitate its sale, provided such sale actually occurs and all sales proceeds be paid to the City.

APPROVED:

Mayor

ATTEST:

City Clerk

Approved as to
Form and Legal Sufficiency:

City Attorney

Council Letter

City of Danville, Virginia



CL-2650

New Business F.

City Council Regular Meeting

Meeting Date: 10/19/2021

Subject: Appeal Commission of Architectural Review Decisions at 918 Green Street and 154 Chestnut Street

From: Doug Plachcinski, Planning Division Director

COUNCIL ACTION

Business Meeting: 10/19/2021

SUMMARY

On July 22, 2021, the Commission of Architectural Review approved Certificates of Appropriateness (COAs) for roof-mounted solar panel installations at 918 Green Street and 154 Chestnut Street within the HP-O, Historic Preservation Overlay District. Paul Liepe and others appealed the COAs to City Council, as allowed by Chapter 41 Article 3.R.C.11.

BACKGROUND

The applicant, Frederick Meder, requested Certificates of Appropriateness, PLCAR2021-244 and 245 for roof-mounted solar panel installations at 918 Green Street and 154 Chestnut Street, respectively.

At their meeting of July 22, 2021, the Commission of Architectural Review (CAR) made the following motions regarding COA 2021-244 at 918 Green Street:

1. Mr. Stowe made a motion to approve the Request 2020-244 without the eight panels on this section of the roof. There was not a second, so the motion failed.
2. Mr. Weller made a motion that Request 2020-244 does not meet the guidelines. Mr. Stowe seconded the motion. The motion was approved by a 4-0 vote.
3. Mr. Weller made a motion to approve the Request 2020-244 as requested with all panels because the proposal does not have any adverse effect on the neighborhood, that the roof is not a prominent feature of the historic building, that the proposal does not diminish the historic character of the building, and that the appropriateness of roof mounted solar panels are a case-by-case determination. Ms. Stilwell seconded the motion. The motion was approved by a 4-0 vote.

At their meeting of July 22, 2021, the Commission of Architectural Review (CAR) made the following motions regarding COA 2021-245 at 154 Chestnut Street:

1. Ms. Stilwell made a motion that the Request 2021-245 does not meet the guidelines as submitted. Mr. Weller seconded the motion. The motion was approved by a 4-0 vote.

2. Ms. Stilwell made a motion to approve request 2021-245 as requested with all panels because the proposal does not have any adverse effect on the neighborhood, that the roof is not a prominent feature of the historic building, that the proposal does not diminish the historic character of the building, and that the appropriateness of roof mounted solar panels are a case-by-case determination. Mr. Weller seconded the motion. The motion was approved by a 4-0 vote.

RECOMMENDATION

Article 3.R, Section C, Item 11.D of the City Zoning Code states, "The City Council may affirm, reverse or modify the Review Commission decision and shall notify the Director of Planning/Zoning Administrator of its action." Staff recommends that City Council review the attached background information and uphold the Commission of Architectural Review's Certificates of Appropriateness for both cases because the Commission of Architectural Review applied and followed the review criteria as required in Chapter 41, Article 3.R.C.2, A through H.

Attachments

Resolution

Ordinance

APPEAL

PLANNING BACKUP

CAR MEETING MINUTES

154 Chestnut St. Photos

918 Green St. Photos

PRESENTED: _____

ADOPTED: _____

RESOLUTION NO. 2021-_____._____

A RESOLUTION AFFIRMING THE COMMISSION OF ARCHITECTURAL REVIEW DECISION TO APPROVE CERTIFICATES OF APPROPRIATENESS FOR ROOFTOP SOLAR PANEL INSTALLATIONS AT 918 GREEN STREET AND 154 CHESTNUT STREET.

WHEREAS, Certificates of Appropriateness were requested to allow rooftop solar panel installation at 918 Green Street and 154 Chestnut Street within the HP-O district; and

WHEREAS, the Commission of Architectural Review considered, on July 22, 2021 the request of the owner of at 918 Green Street and 154 Chestnut Street to allow rooftop solar panel installations within the HP-O District; and

WHEREAS, The Commission of Architectural Review determined that allowing rooftop solar panel installation in the HP-O district does not meet the Design Guidelines for the Historic Overlay Zoning District, but the proposals do not have any adverse effects on the neighborhood, that the roofs are not a prominent feature of the historic buildings, that the proposals do not diminish the historic character of the buildings, and that the appropriateness of roof mounted solar panels are a case-by-case determination.

NOW THEREFORE, BE IT RESOLVED, by the Council of the City of Danville, Virginia, that the decision of the Commission of Architectural Review rendered on July 22, 2021 be, and it is hereby, affirmed.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO
FORM AND LEGAL SUFFICIENCY:

City Attorney

PRESENTED: _____

ADOPTED: _____

ORDINANCE NO. 2021-____.____

AN ORDINANCE REVERSING THE COMMISSION OF ARCHITECTURAL REVIEW'S DECISION TO APPROVE CERTIFICATES OF APPROPRIATENESS FOR ROOFTOP SOLAR PANEL INSTALLATIONS AT 918 GREEN STREET AND 154 CHESTNUT STREET.

WHEREAS, Certificates of Appropriateness were requested to allow rooftop solar panel installations at 918 Green Street and 154 Chestnut Street within the HP-O district; and

WHEREAS, the Commission of Architectural Review considered on July 22, 2021 the request of the owner of at 918 Green Street and 154 Chestnut Street to allow rooftop solar panel installations within the HP-O District; and

WHEREAS, The Commission of Architectural Review determined that allowing rooftop solar panel installation in the HP-O district does not meet the Design Guidelines for the Historic Overlay Zoning District, but the proposals do not have any adverse effects on the neighborhood, that the roofs are not a prominent feature of the historic buildings, that the proposals do not diminish the historic character of the buildings, and that the appropriateness of roof mounted solar panels are a case-by-case determination; and

WHEREAS, Paul Liepe and others appealed the decision of the Commission of Architectural Review granting the Certificate of Appropriateness for rooftop solar panel installations at 918 Green Street and 154 Chestnut Street within the HP- O district; and

WHEREAS, after hearing facts presented by the applicant and the position of the Commission of Architectural Review.

NOW THEREFORE, BE IT ORDAINED, by the Council of the City of Danville, Virginia, that the decision of the Commission of Architectural Review rendered on July 22, 2021 be reversed and that Certificates of Appropriateness be revoked to not allow rooftop solar panel installations at 918 Green Street and 154 Chestnut Street within the HP-O district.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO
FORM AND LEGAL SUFFICIENCY:

City Attorney

Thursday, August 19, 2021

To: Danville City Council
Commission of Architectural Review

The Zoning Ordinance of the City Of Danville, Virginia, Article 3.R – Historic Preservation District, §C.11, provides that “Any person aggrieved by any decision of the Review Commission may appeal such decision to the City Council ...” The aggrieved persons (appellants) listed below – all residents of the Old West End Historic District – hereby appeal two decisions of the Commission of Architectural Review (CAR) on July 22, 2021, concerning the prominent and visible installation of solar panels on historic properties. The appellants believe these decisions will dilute the historic integrity of the City’s first historic district to the detriment of the City as a whole and the residents of the District.

As Council and the Commission are aware, the Old West End (OWE) Design Guidelines (dated December 2014), are based on the Secretary of the Interior’s Standards for Rehabilitation. As implemented by the City of Danville in Zoning Ordinance 3.R §A, the purpose of the Historic Preservation District is **“to maintain, preserve, protect and enhance the architectural excellence, cultural significance, economic vitality, tourist appeal, visual quality and historic importance of the City.”**

The City of Danville relies on Old West End residents and the Old West End Design Guidelines to provide and maintain a tourist attraction – ever more important as the city places greater emphasis on tourism. Over 1,950 tourists have taken the guided walking tour of the OWE between June 2009 and July 2021. They have come from 41 states and 20 different countries: Sweden, England, Ireland, Honduras, Russia, Wales, Canada, Ukraine, Germany, Tasmania, Australia, Israel, Argentina, Brazil, Poland, Norway, Dominican Republic, Romania, France, and The Netherlands. It’s the #1 tour in Danville with 53 reviews on www.tripadvisor.com. In addition, an unknown number of visitors have guided themselves through the Old West End historic district. A recent grant to the City by the Virginia Department of Historic Resources recognized the value of this self-guided tourism. This emphasizes the need to maintain the historic appeal of the Old West End National Historic District for the benefit of the City as a whole.

The homeowners in the Old West End (OWE) Historic District rely upon this ordinance, the CAR, and the Old West End Design Guidelines to protect and enhance their property values and to preserve and maintain the visual appeal of the district.

Many residents, including the appellants, believe that the CAR erred in approving Certificate of Appropriateness Requests 2021-244 and 2021-245. These requests, approved on July 22, 2021, proposed installation of roof-mounted solar panels on historic homes visible from the streets at 918 Green Street and 154 Chestnut Street. The appellants have no objection to the installation of solar panels *per se*, only the portion of those installations that would be visible to passers-by and impact the value and historic integrity of the properties themselves and others nearby.

The National Park Service Technical Preservation Services division says “Solar panels installed on a historic property in a location that cannot be seen from the ground will generally meet the Secretary of the Interior’s Standards for Rehabilitation. Conversely, an installation that negatively impacts the historic character of a property will not meet the Standards.” The Virginia Department of Historic Resources references and recommends the Park Service guidelines on energy conservation and retrofitting.

The National Trust for Historic Preservation says, “The benefits of modern alternative energy systems cannot easily be dismissed, even by the most discerning preservationist. **Nevertheless, maintaining the integrity of a historic resource should be the priority of any historic preservation commission.**”

The section of the Old West End Design Guidelines titled “General Guidelines” specifically states that, “Technology is an important part of modern life, but it should be shielded from view. All antennas, satellite dishes, solar panels and other such items attached to buildings should be screened from view as much as possible (typically by placing these items where they are not visible from the street).”

In its initial deliberations on applications 2021-244 and 2021-245, the CAR unanimously voted that solar panels visible from the street did not meet the Old West End Design Guidelines. The appellants believe this assessment by the CAR to be correct.

With the revision of the Old West End Design Guidelines in 2014, recognition was given to changes in building technologies and methods, and the changing availability of some materials and the required skills to install them. Commission members were given the latitude to “balance modern needs (parking lots, energy efficiency, new technology, building codes, changing uses) with historic preservation goals.”

Solar panels are not an energy efficiency measure nor are they a new technology. They are simply a change in the source of electricity for the property where they are installed. And they are not a new technology having been available since 1954. However, the CAR ignored these facts and voted that solar panels would not have an adverse effect on the homes in question or the historic district overall. Thus, the appellants maintain **the CAR misused its latitude and does not have the authority to allow visible solar panels**. They are incompatible with historic preservation and the district's HP-O zoning.



Illustration: 1 – Historic home in Washington, DC. with solar panels

The appellants believe that solar panels visible from the street would be unsightly and detract from the overall historic appeal of the district. Mock-up illustrations of the homes in question are shown below. The appellants are not opposed to solar panels in rear yards or on rear roofs.



Illustration: 3 – Mock-up of 152 Chestnut Street



Illustration: 2 – Mock-up of 918 Green Street

On all these ground – preserving a tourist attraction and the integrity of the District – the appellants ask City Council to reverse the decision of its Commission of Architectural Review regarding the visible installation of solar panels.

Appellants (alphabetically):

✓ Rick Barker
135 Holbrook Avenue
rick@sripackaging.com

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~~eminosh@verizon.net~~
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Kathy Newman
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(336) 207-4524

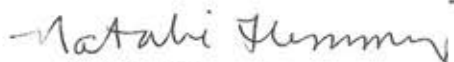
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ramseyrestorationinc@gmail.com

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(301) 675-5172

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caglawson@hotmail.com

✓ Stephen Wilson, Ph.D.
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(434) 228-0666



John E. Kent
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337-772-8530

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Commission of Architectural Review

STAFF REPORT

MEETING DATE: JULY 22, 2021

RE: CERTIFICATE OF APPROPRIATENESS REQUEST – 154 CHESTNUT ST

APPLICANT'S REQUEST

Certificate of Appropriateness Request 2021-245, to install roof-mounted solar panels at 154 Chestnut Street.

STAFF EVALUATION

The CAR certificate of appropriateness application subject property is the west side of Chestnut Street about 400' north of the Green Street intersection. The applicant would like to install rooftop solar panels as indicated in the application.

The relevant sections of the Commission of Architectural Design Guidelines include the following:

Section 3.B General Guidelines

Technology is an important part of modern life, but it should be shielded from view. All antennas, satellite dishes, solar panels and other such items attached to buildings should be screened from view as much as possible (typically by placing these items where they are not visible from the street).

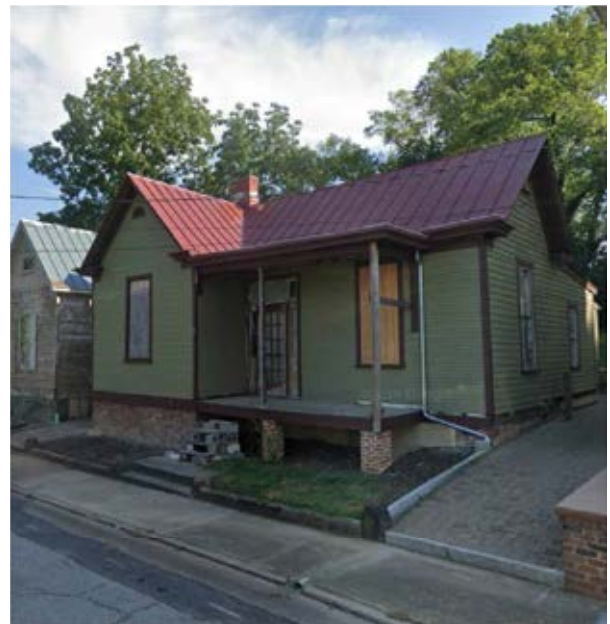


Figure 1 – Street view of 154 Chestnut Street.

ATTACHMENTS

- ✓ Application



Commission of Architectural Review

STAFF REPORT

MEETING DATE: JULY 22, 2021

RE: CERTIFICATE OF APPROPRIATENESS REQUEST – 918 GREEN STREET

APPLICANT'S REQUEST

Certificate of Appropriateness Request 2021-244, to install roof-mounted solar panels at 918 Green Street.

STAFF EVALUATION

The CAR certificate of appropriateness application subject property is the north side of Green Street in between Chestnut Street and Sutherlin Avenue. The applicant would like to install rooftop solar panels as indicated in the application.

The relevant sections of the Commission of Architectural Design Guidelines include the following:

Section 3.B General Guidelines

Technology is an important part of modern life, but it should be shielded from view. All antennas, satellite dishes, solar panels and other such items attached to buildings should be screened from view as much as possible (typically by placing these items where they are not visible from the street).

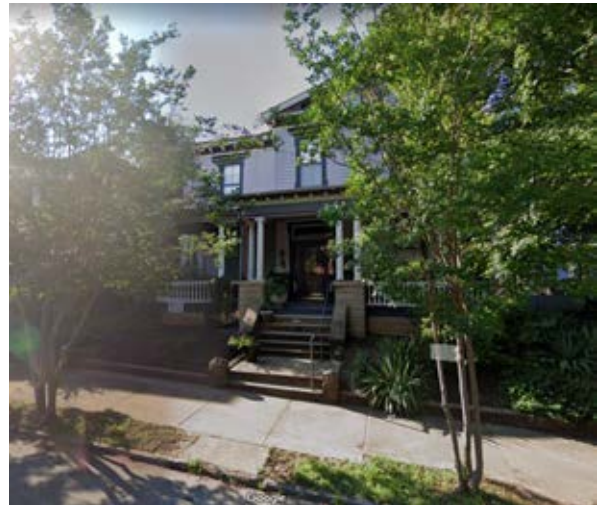


Figure 1 – Street view of 918 Green Street.

ATTACHMENTS

- ✓ Application

Technical Preservation Services

National Park Service
U.S. Department of the Interior



About

The Standards

Tax Incentives

How To Preserve

Sustainability

Historic Surplus Property

Education & Training

Hot Topics



Home > Sustainability > New Technology > Solar Panels > On a Low-Slope Gable



Solar Panels on Historic Properties

Overview

On a New Addition

On a Flat Roof

Pole-Mounted Array

On a Low-Slope Gable

On a Cross Gable

On a Rear Porch Roof

Avoided Impact

Additional examples will be added to this site over time, so please check back to see more installations of solar panels on historic properties.

Vermont Residence

The gable end of this historic apartment building faces the street. Low profile solar collectors for a water heating system were flush mounted on the sloped roof on the south side of the gable. Though visible, these few panels have relatively little impact on the historic character of the property. However, if the roof had been a more prominent feature of the property, this installation may not have been appropriate.



Low-profile solar collectors located on the south side of the gable roof are minimally visible.



From this angle, the panels are more noticeable, yet the historic character of the building is not significantly diminished.

Next Example

Technical Preservation Services

About

Historic Surplus Property

Cultural Resources

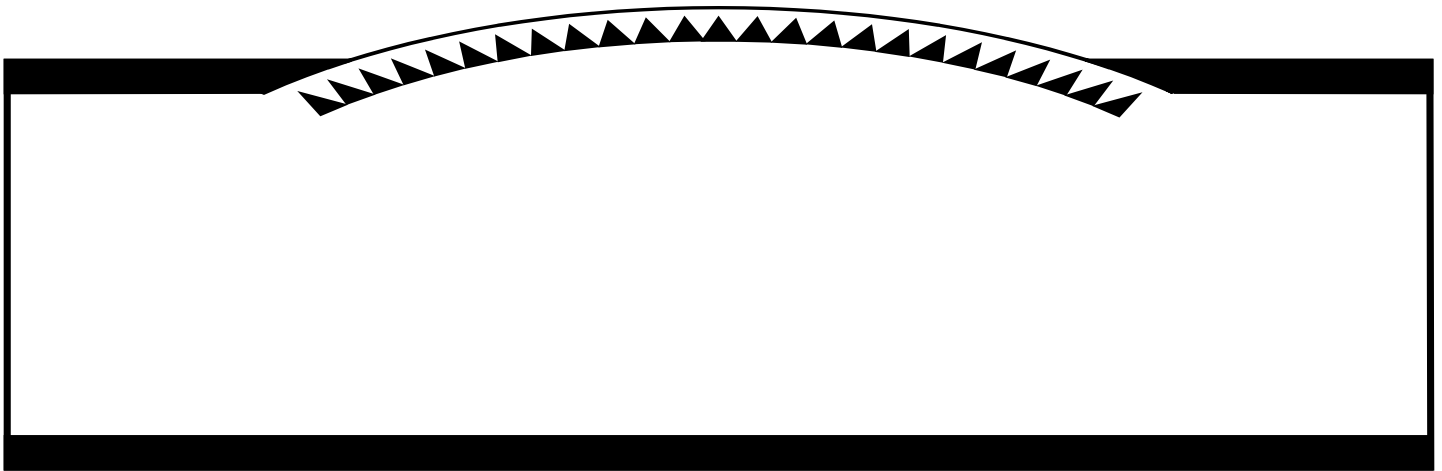
National Register of Historic Places

National Park Service

Find a Park

Get Involved

DANVILLE
COMMISSION OF ARCHITECTURAL REVIEW



CERTIFICATE OF APPROPRIATENESS APPLICATION

Article 3.R.C.1.

No zoning, site plan, subdivision plat, or building permit shall be issued for the erection, reconstruction, exterior alteration, restoration, rehabilitation, razing, relocation or demolition of any building, structure, signs, fences, walls, light fixtures, accessory buildings, pavements, grading, site improvements, significant landscaping features or other appurtenant element in an HP-O District unless and until such building or site element has been approved by the issuance of a Certificate of Appropriateness by the Commission of Architectural Review for the City.

INFORMATION TO BE PROVIDED BY PLANNING DIVISION

Application Number: _____

CAR Date: _____

Date submitted: _____

Received by: _____

Tax Map Number: _____

Zoning Map Number: _____

Architectural Inventory Rating: _____

Zoning District: _____

Additional Zoning Information: _____

All buildings, structures or improvements located in the Old Westend Historic District and visible from a public right-of-way shall not be located, constructed, reconstructed, altered, or repaired unless a Certificate of Appropriateness has been issued by the Commission of Architectural Review. The Commission meets once a month on the fourth Thursday of the month at 3:30 P.M. in the fourth floor City Council Conference Room located in the Municipal Building. All questions or applications should be submitted to the Planning Division, located on the second floor of the Municipal Building, 427 Patton Street, Room 207, Danville, VA 24541; (434)-799-5260. As of July 1, 2018 a \$26.00 fee will be required for each application submitted for review.

INFORMATION TO BE PROVIDED BY APPLICANT

Important-Please read before completing application

- a) All questions on this application must be fully answered
- b) The application must be signed by the property owners or representative with written authorization by the owner
- c) A drawing, photo, plan or sketch of proposed project with dimensions

Have you read and understand the Design Guidelines for the Historic Overlay District of Danville, Virginia? yes

Are you aware of the federal/state tax credits and Real Estate Abatement program available for potential reimbursement/ credit of money used during substantial rehabilitation projects? yes

Would you like more information about these programs? _____

Which one(s)? _____

Property Location: 918 Green St Danville VA 24541

Name of Applicant: Hope Hampton-Titan Solar Power

Applicant's Address: 525 W Baseline Rd Mesa, AZ 85210

Applicant's Phone Number: 480-237-2375 Email Address: hhampton@titansolarpower.com

Work Proposed (please circle one): Alteration/addition/rehabilitation/new construction/sign

Installation of 11.470kW PV system roof mount

Type of material(s) to be used: Titan Solar Panel Silfab 370 (31) and Inverter 1

Signature of Property Owner (if not applicant)

Signature of Applicant

Article 3RC6 Application Submission Requirements: In consideration of a complete application, the Planning Director and the Review Commission may require any or all of the following information and any other materials as may be deemed necessary for its review:

- A. Statement of proposed use and user.
- B. Statement of estimated construction time.
- C. Photographs and maps relating proposed use to the surrounding property and/or the corridor on which it is located.
- D. Site plan drawings, prepared to meet the City site development plan submission requirements for a Preliminary Site Plan or Preliminary Subdivision Plat, and other exhibits showing the location of the existing and proposed building and site improvements, including:
 - (1) Existing property boundaries, building placement and site configuration;
 - (2) Existing topography and proposed grading;
 - (3) Location of parking, pedestrian access, signage, exterior lighting, fencing and other site improvements;
 - (4) Relationship to adjacent land uses;
 - (5) Proposed site improvements, including location of parking, access, signage, exterior lighting, fencing, buildings and structures and other appurtenant elements;
 - (6) Proposed building color and materials;
 - (7) Relationship of building and site elements to existing and planned corridor development;
 - (8) Relationship of parking, pedestrian facilities, and vehicular accessways to existing and planned corridor development; and
 - (9) Other site plans and subdivision plats as may be required by Danville for development approval.
- E. Architectural drawings showing plan view and elevations of new planned construction or renovations, including drawings of original building.
- F. A landscaping and buffer plan.
- G. Designs for exterior signing, lighting and graphics, to include description of materials, colors, placement and means of physical support, lettering style and message to be placed on signs.
- H. Graphic exhibits depicting compliance with other design elements.

Additional Zoning Information: _____

All buildings, structures or improvements located in the Old Westend Historic District and visible from a public right-of-way shall not be located, constructed, reconstructed, altered, or repaired unless a Certificate of Appropriateness has been issued by the Commission of Architectural Review. The Commission meets once a month on the fourth Thursday of the month at 3:30 P.M. in the fourth floor City Council Conference Room located in the Municipal Building. All questions or applications should be submitted to the Planning Division, located on the second floor of the Municipal Building, 427 Patton Street, Room 207, Danville, VA 24541; (434)-799-5260. As of July 1, 2018 a \$26.00 fee will be required for each application submitted for review.

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- c) A drawing, photo, plan or sketch of proposed project with dimensions

Have you read and understand the Design Guidelines for the Historic Overlay District of Danville, Virginia? yes

Are you aware of the federal/state tax credits and Real Estate Abatement program available for potential reimbursement/ credit of money used during substantial rehabilitation projects? yes

Would you like more information about these programs? _____

Which one(s)? _____

Property Location: 918 Green St Danville VA 24541

Name of Applicant: Hope Hampton-Titan Solar Power

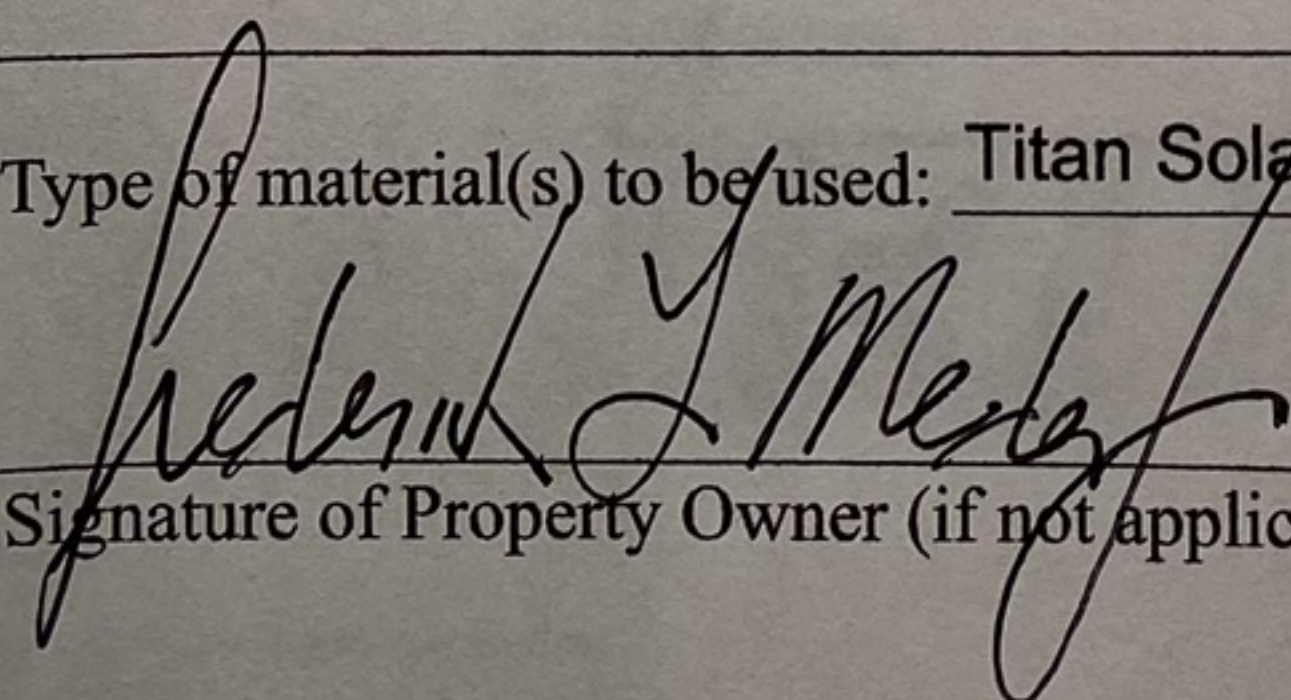
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Installation of 11.470kW PV system roof mount

Type of material(s) to be used: Titan Solar Panel Silfab 370 (31) and Inverter 1


Signature of Property Owner (if not applicant)

Hope Hampton
Signature of Applicant

SHEET CATALOG	
INDEX NO.	DESCRIPTION
T-1	COVER PAGE
M-1	MOUNTING DETAIL
M-2	STRUCTURAL DETAIL
E-1	SINGLE LINE DIAGRAM
E-2	THREE LINE DIAGRAM
E-3	STRING WIRING DIAGRAM
PL-1	WARNING PLACARDS
PL-2	SAFETY PLANS-1
PL-3	SAFETY PLANS-2
SS	SPEC SHEET(S)

SCOPE OF WORK

GENERAL SYSTEM INFORMATION:
SYSTEM SIZE:
11470W DC, 10000W AC
MODULES:
(31)TITAN SOLAR SIL-370NX
INVERTER:
(1)SOLAREEDGE TECHNOLOGIES
SE10000H-US(240V)
OPTIMIZER:
(31)SOLAREEDGE P370 POWER OPTIMIZER

APPLICABLE CODES

- ELECTRIC CODE:NEC 2017
- FIRE CODE:IFC 2018
- BUILDING CODE:IBC 2018
- RESIDENTIAL CODE:IRC 2018

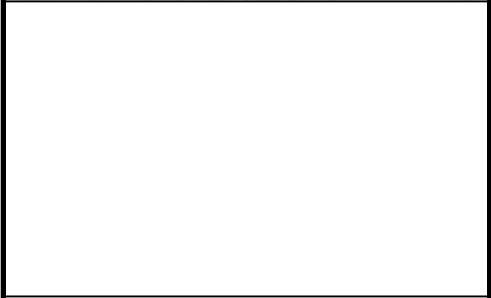
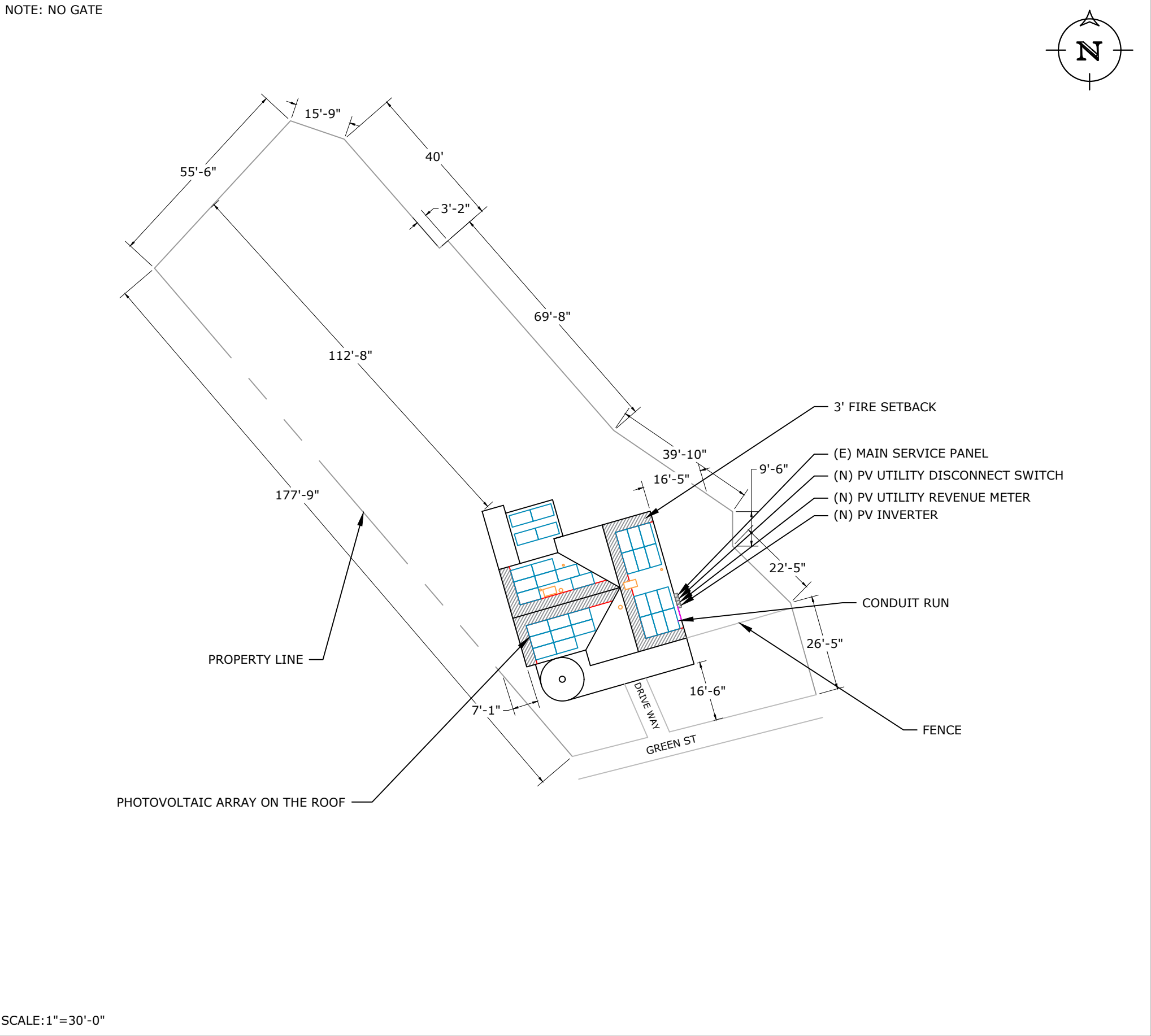
GENERAL NOTES

- 1.MODULES ARE LISTED UNDER UL 1703 AND CONFORM TO THE STANDARDS.
- 2.INVERTERS ARE LISTED UNDER UL 1741 AND CONFORM TO THE STANDARDS.
- 3.DRAWINGS ARE DIAGRAMMATIC, INDICATING GENERAL ARRANGEMENT OF THE PV SYSTEM AND THE ACTUAL SITE CONDITION MIGHT VARY.
- 4.WORKING CLEARANCES AROUND THE NEW PV ELECTRICAL EQUIPMENT WILL BE MAINTAINED IN ACCORDANCE WITH NEC 110.26.
- 5.ALL GROUND WIRING CONNECTED TO THE MAIN SERVICE GROUNDING IN MAIN SERVICE PANEL/ SERVICE EQUIPMENT.
- 6.ALL CONDUCTORS SHALL BE 600V, 75°C STANDARD COPPER UNLESS OTHERWISE NOTED.
- 7.WHEN REQUIRED, A LADDER SHALL BE IN PLACE FOR INSPECTION IN COMPLIANCE WITH OSHA REGULATIONS.
- 8.THE SYSTEM WILL NOT BE INTERCONNECTED BY THE CONTRACTOR UNTIL APPROVAL FROM THE LOCAL JURISDICTION AND/OR THE UTILITY.
- 9.ROOF ACCESS POINT SHALL BE LOCATED IN AREAS THAT DO NOT REQUIRE THE PLACEMENT OF GROUND LADDERS OVER OPENINGS SUCH AS WINDOWS OR DOORS, AND LOCATED AT STRONG POINTS OF BUILDING CONSTRUCTION WHERE THE ACCESS POINT DOES NOT CONFLICT WITH OVERHEAD OBSTRUCTIONS SUCH AS TREES, WIRES OR SIGNS.
- 10.PV ARRAY COMBINER/JUNCTION BOX PROVIDES TRANSITION FROM ARRAY WIRING TO CONDUIT WIRING

FRED MEDER - 11.470kW DC, 10.000kW AC

SITE PLAN LAYOUT

NOTE: NO GATE



CUSTOMER INFORMATION

NAME:FRED MEDER

ADDRESS:918 GREEN ST, DANVILLE, VA
24541

36.580219, -79.397709
APN: 20701

AHJ:VA- CITY OF DANVILLE

UTILITY:DANVILLE UTILITIES

PRN NUMBER:TPS-25626



COVER PAGE

DESIGNER /CHECKED BY: KSN/SN	PAPER SIZE:17"X11"
SCALE:AS NOTED	REV:A
DATE:5/9/2021	78 of 141

INSTALLATION NOTES

1.STRUCTURAL ROOF MEMBER LOCATIONS ARE ESTIMATED AND SHOULD BE LOCATED AND VERIFIED BY THE CONTRACTOR WHEN LAG BOLT PENETRATION OR MECHANICAL ATTACHMENT TO THE STRUCTURE IS REQUIRED.

2.ROOFTOP PENETRATIONS FOR SOLAR RACKING WILL BE COMPLETED AND SEALED WITH APPROVED SEALANT PER CODE BY A LICENSED CONTRACTOR.

3.LAGS MUST HAVE A MINIMUM 2.5" THREAD EMBEDMENT INTO THE STRUCTURAL MEMBER.

4.ALL PV RACKING ATTACHMENTS SHALL BE STAGGERED BY ROW BETWEEN THE ROOF FRAMING MEMBERS AS NECESSARY.

5.ROOF MOUNTED STANDARD RAIL REQUIRES ONE THERMAL EXPANSION GAP FOR EVERY RUN OF RAIL GREATER THAN 40'.

6.ALL CONDUCTORS AND CONDUITS ON THE ROOF SHALL BE MINIMUM 7/8" ABOVE THE ROOF SURFACE (INCLUDING CABLES UNDERNEATH MODULES AND RACKING).

7.THE PV INSTALLATION SHALL NOT OBSTRUCT ANY PLUMBING, MECHANICAL OR BUILDING ROOF VENTS.

ROOF ACCESS PATHWAYS AND SETBACKS:

1204.2.1 SOLAR PHOTOVOLTAIC SYSTEMS FOR GROUP R-3BUILDINGS.SOLAR PHOTOVOLTAIC SYSTEMS FOR GROUP R-3 BUILDINGS SHALL COMPLY WITH SECTIONS 1204.2.1.1 THROUGH 1204.2.1.3.

EXCEPTIONS:

1.THESE REQUIREMENTS SHALL NOT APPLY TO STRUCTURES DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE INTERNATIONAL RESIDENTIAL CODE.

2.THESE REQUIREMENTS SHALL NOT APPLY TO ROOFS WITH SLOPES OF 2 UNITS VERTICAL IN 12 UNITS HORIZONTAL OR LESS.

1204.2.1.1 PATHWAYS TO RIDGE. NOT FEWER THAN TWO 36-INCH-WIDE (914 MM) PATHWAYS ON SEPARATE ROOF PLANES,FROM LOWEST ROOF EDGE TO RIDGE, SHALL BE PROVIDED ON ALL BUILDINGS. NOT FEWER THAN ONE PATHWAY SHALL BE PROVIDED ON THE STREET OR DRIVEWAY SIDE OF THE ROOF. FOR EACH ROOF PLANE WITH A PHOTOVOLTAIC ARRAY, NOT FEWER THAN ONE 36-INCH-WIDE (914 MM) PATHWAY FROM LOWEST ROOF EDGE TO RIDGE SHALL BE PROVIDED ON THE SAME ROOF PLANE AS THE PHOTOVOLTAIC ARRAY, ON AN ADJACENT ROOF PLANE OR STRADDLING THE SAME AND ADJACENT ROOF PLANES

1204.2.1.2 SETBACKS AT RIDGE.FOR PHOTOVOLTAIC ARRAYS OCCUPYING 33 PERCENT OR LESS OF THE PLAN VIEW TOTAL ROOF AREA, A SETBACK OF NOT LESS THAN 18 INCHES (457 MM)WIDE IS REQUIRED ON BOTH SIDES OF A HORIZONTAL RIDGE. FOR PHOTOVOLTAIC ARRAYS OCCUPYING MORE THAN 33 PERCENT OF THE PLAN VIEW TOTAL ROOF AREA, A SETBACK OF NOT LESS THAN 36 INCHES (457 MM) WIDE IS REQUIRED ON BOTH SIDES OF A HORIZONTAL RIDGE.

1204.2.2 EMERGENCY ESCAPE AND RESCUE OPENINGS. PANELS AND MODULES INSTALLED ON GROUP R-3 BUILDINGS SHALL NOT BE PLACED ON THE PORTION OF A ROOF THAT IS BELOW AN EMERGENCY ESCAPE AND RESCUE OPENING. A PATHWAY OF NOT LESS THAN 36 INCHES (914 MM) WIDE SHALL BE PROVIDED TO THE EMERGENCY ESCAPE AND RESCUE OPENING

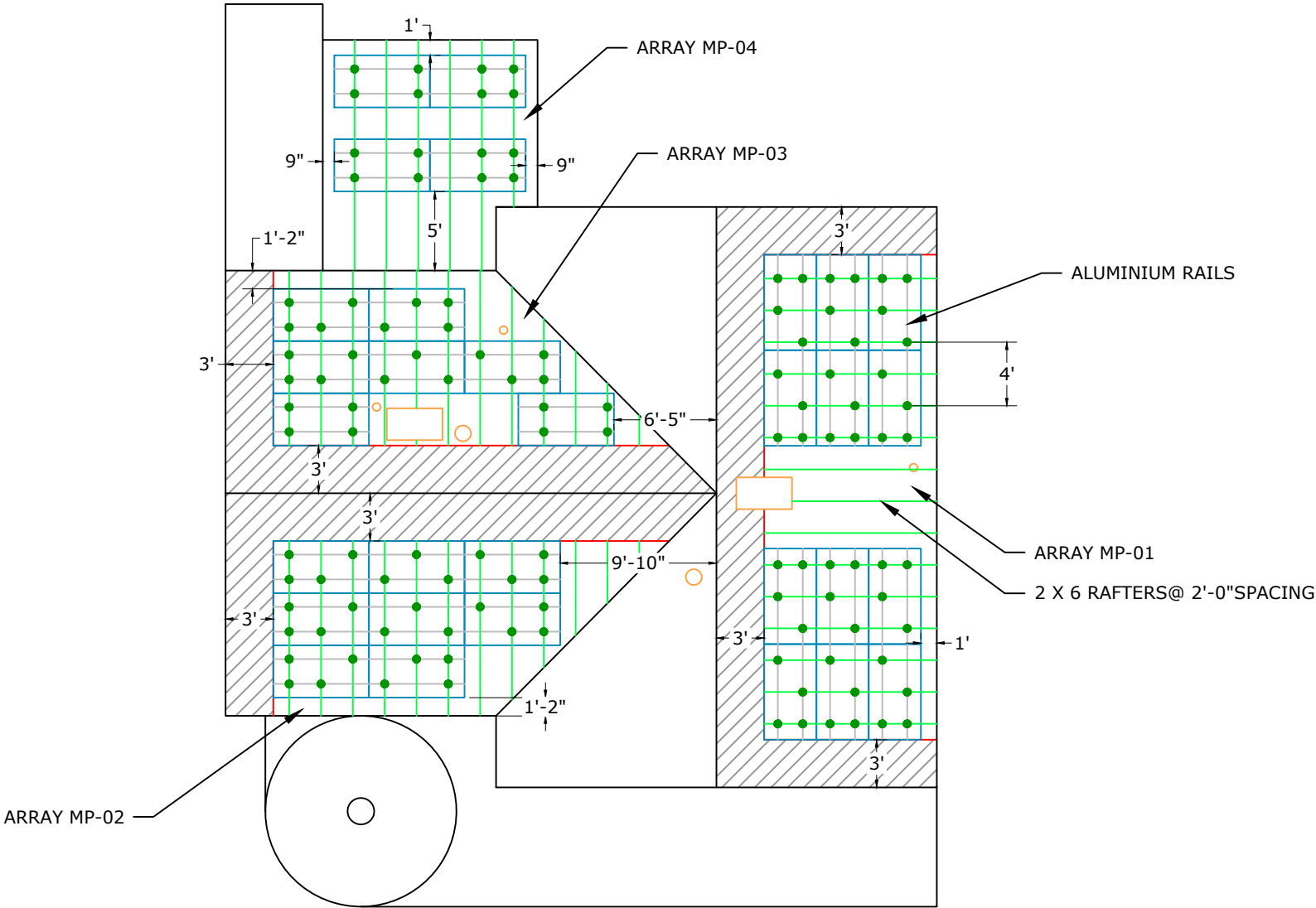
1204.2.1.3 ALTERNATIVE SETBACKS AT RIDGE. WHERE AN AUTOMATIC SPRINKLER SYSTEM IS INSTALLED WITHIN THE DWELLING IN ACCORDANCE WITH SECTION 903.3.1.3, SETBACKS AT THE RIDGE SHALL CONFORM TO ONE OF THE FOLLOWING:

1.FOR PHOTOVOLTAIC ARRAYS OCCUPYING 66 PERCENT OR LESS OF THE PLAN VIEW TOTAL ROOF AREA, A SETBACK OF NOT LESS THAN 18 INCHES (457 MM) WIDE IS REQUIRED ON BOTH SIDES OF A HORIZONTAL RIDGE.

2.FOR PHOTOVOLTAIC ARRAYS OCCUPYING MORE THAN 66 PERCENT OF THE PLAN VIEW TOTAL ROOF AREA, A SETBACK OF NOT LESS THAN 36 INCHES (914 MM) WIDE IS REQUIRED ON BOTH SIDES OF A HORIZONTAL RIDGE.

SITE INFORMATION - WIND SPEED: 110 MPH AND SNOW LOAD: 20 PSF												
SR. NO	AZIMUTH	PITCH	NO. OF MODULES	ARRAY AREA (SQ. FT.)	ROOF TYPE	ATTACHMENT	ROOF EXPOSURE	FRAME TYPE	FRAME SIZE	FRAME SPACING	MAX RAIL SPAN	OVER HANG
MP-01	74°	17°	12	236.8	COMPOSITION SHINGLE	EVEREST EVERFLASH ECOMP KIT	ATTIC	RAFTERS	2 X 6	2'-0"	4'-0"	1'-6"
MP-02	164°	17°	8	157.9	COMPOSITION SHINGLE	EVEREST EVERFLASH ECOMP KIT	ATTIC	RAFTERS	2 X 6	2'-0"	4'-0"	1'-6"
MP-03	344°	17°	7	138.1	COMPOSITION SHINGLE	EVEREST EVERFLASH ECOMP KIT	ATTIC	RAFTERS	2 X 6	2'-0"	4'-0"	1'-6"
MP-04	164°	18°	4	78.9	ROLLED COMPOSITION	EVEREST CROSSRAIL TILT UP KIT SYSTEM	EXPOSED	RAFTERS	2 X 6	2'-0"	4'-0"	1'-6"

NOTE: PENETRATIONS ARE STAGGERED



SCALE: 1"=10'-0"



AERIAL VIEW

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APN: 20701

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UTILITY:DANVILLE UTILITIES

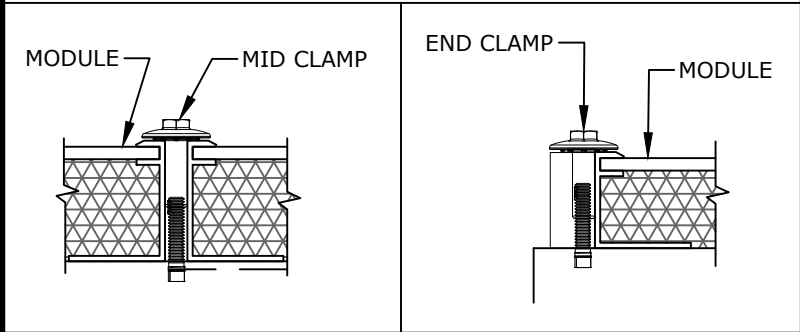
PRN NUMBER:TPS-25626

MOUNTING DETAIL

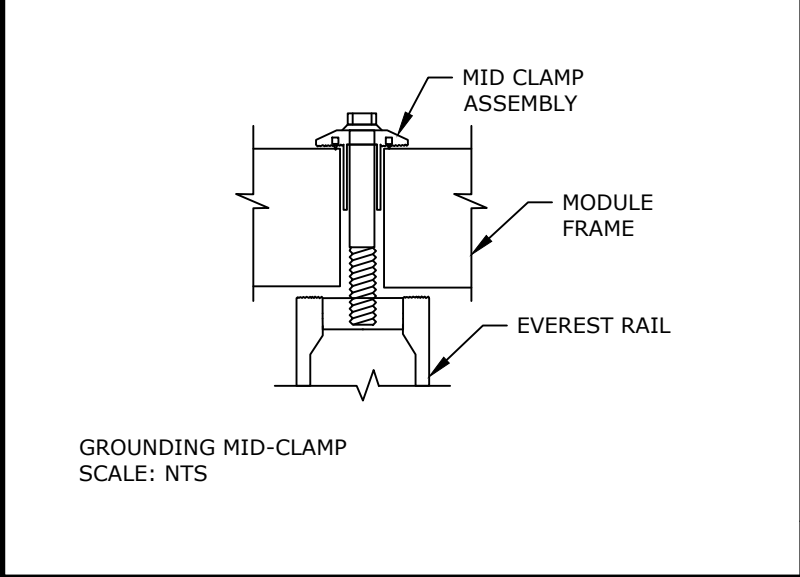
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DEAD LOAD CALCULATIONS			
BOM	QUANTITY	LBS/UNIT	TOTAL WEIGHT (LBS)
MODULES	31	44.4	1376.40
MID-CLAMP	32	0.300	9.60
END-CLAMP	60	0.310	18.60
RAIL LENGTH	325	0.560	182.00
SPLICE BAR	6	0.650	3.90
EVEREST EVERFLASH ECOMP KIT	105	1.45	152.25
EVEREST CROSSRAIL TILT UP KIT SYSTEM	16	2.42	38.72
TOTAL WEIGHT OF THE SYSTEM (LBS)			1781.47
TOTAL ARRAY AREA ON THE ROOF (SQ. FT.)			611.80
WEIGHT PER SQ. FT.(LBS)			2.91
WEIGHT PER PENETRATION (LBS)			14.72

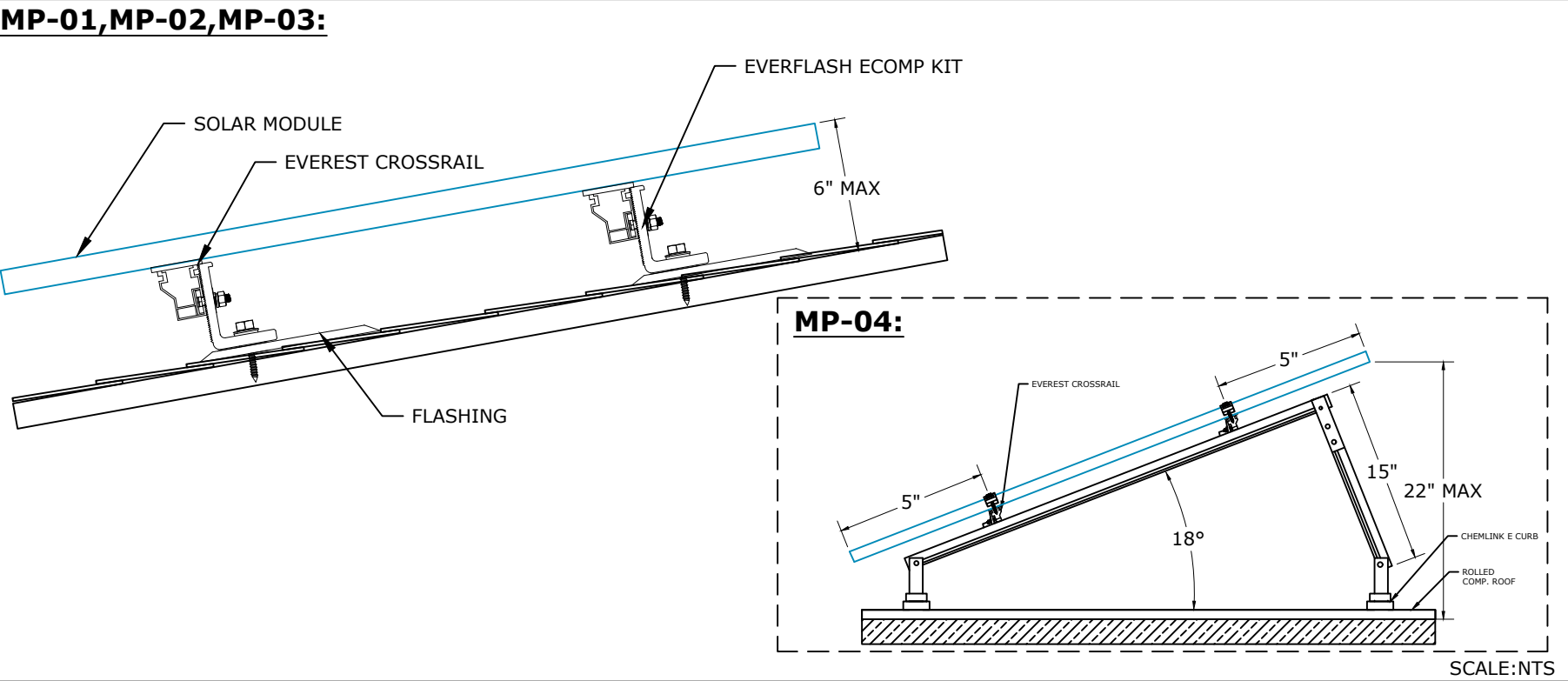
MID-CLAMP AND END-CLAMP ANATOMY



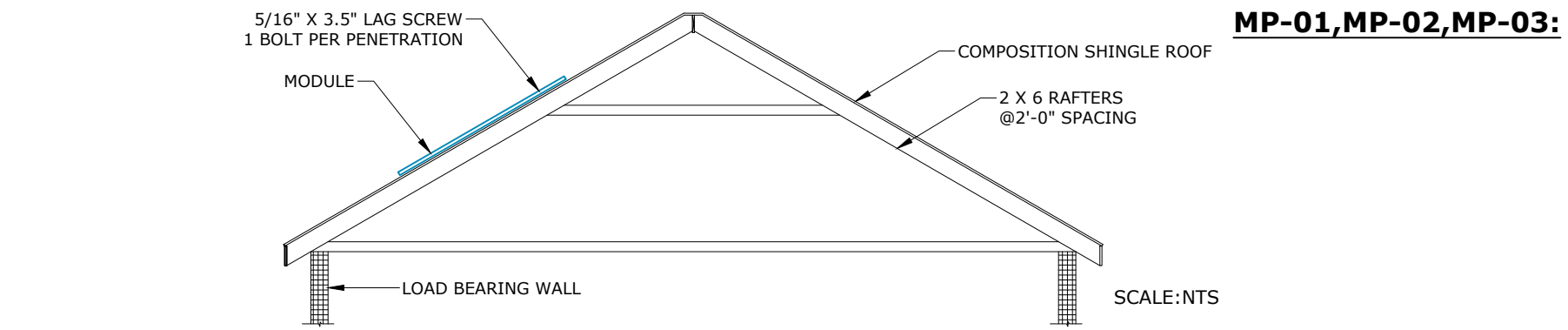
MODULE TO MODULE & MODULE TO RAIL



ATTACHMENT DETAIL-EVEREST EVERFLASH ECOMP KIT & EVEREST CROSSRAIL TILT UP KIT SYSTEM

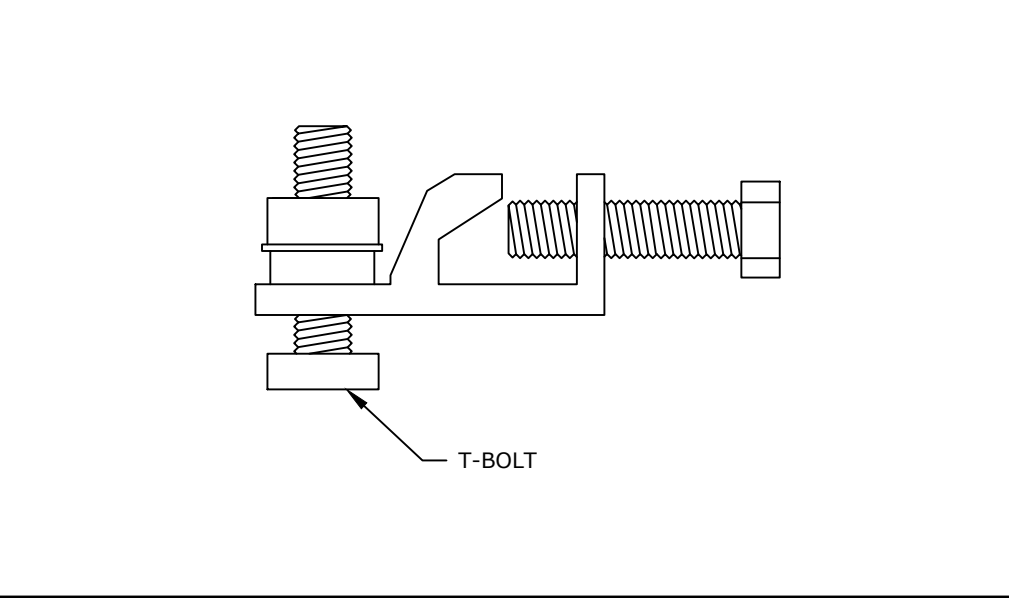


ROOF FRAMING DETAILS

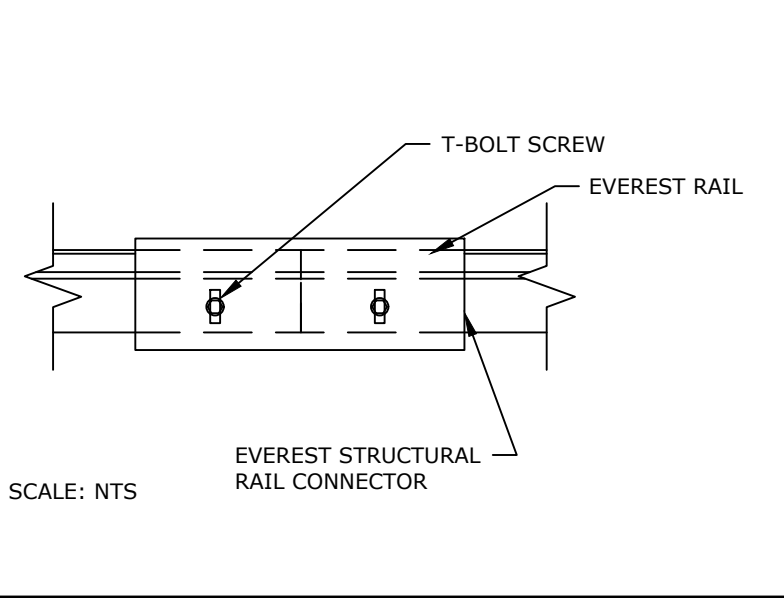


GROUNDING DETAILS

GROUNDING LUG



RAIL TO RAIL



MODULES DATA

TITAN SOLAR SIL-370NX	
MODULE DIMS	72.13"x39.4"x1.5"
LAG SCREWS	5/16"x3.5":2.5"MIN EMBEDMENT

UPLIFT CALCULATIONS

UPLIFT	18354.1	LBS
PULL OUT STRENGTH	64575	LBS
POINT LOADING	13	LBS

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PRN NUMBER:TPS-25626	

STRUCTURAL DETAIL

DESIGNER /CHECKED BY: KSN/SN	PAPER SIZE:17"X11"
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SINGLE LINE DIAGRAM: DC SYSTEM SIZE - 11470W, AC SYSTEM SIZE - 10000W									
INVERTER-1 SPECIFICATIONS		MODULE SPECIFICATION		OPTIMIZER CHARACTERISTICS		SYSTEM CHARACTERISTICS			
MODEL	SOLAREEDGE TECHNOLOGIES SE10000H-US(240V)	MODEL	TITAN SOLAR SIL-370NX	MODEL	P370	DC SYSTEM SIZE	11470 W		
POWER RATING	10000W	MODULE POWER @ STC	370W	MIN INPUT VOLTAGE	8 VDC	INVERTER STRING VOLTAGE: Vmp	400V		
MAX OUTPUT CURRENT	42A	OPEN CIRCUIT VOLTAGE: Voc	44.8V	MAX INPUT VOLTAGE	60 VDC	MAX INVERTER SYSTEM VOLTAGE: Voc	480V		
CEC WEIGHTED EFFICIENCY	99%	MAX POWER VOLTAGE: Vmp	37.2V	MAX INPUT CURRENT	11 ADC	MAX SHORT CIRCUIT CURRENT	15A		
MAX INPUT CURRENT	27A	SHORT CIRCUIT CURRENT: Isc	10.6A	MAX OUTPUT CURRENT	15 ADC	OPERATING CURRENT	14.80A		
MAX DC VOLTAGE	480V	MAX POWER CURRENT: Imp	10A						

ELECTRICAL NOTES

1.CONDUCTORS EXPOSED TO SUNLIGHT SHALL BE LISTED AS SUNLIGHT RESISTANT PER NEC 310.10(D).

2.CONDUCTORS EXPOSED TO WET LOCATIONS SHALL BE SUITABLE FOR USE IN WET LOCATIONS PER NEC 310.10(C).

3.MAXIMUM DC/AC VOLTAGE DROP SHALL BE NO MORE THAN 2%.

4.ALL CONDUCTORS SHALL BE IN CONDUIT UNLESS OTHERWISE NOTED.

5.BREAKER/FUSE SIZES CONFORMS TO NEC 240.6 CODE SECTION.

6.AC GROUNDING ELECTRODE CONDUCTOR SIZED PER NEC 250.66.

7.AMBIENT TEMPERATURE CORRECTION FACTOR IS BASED ON NEC 690.31(C).

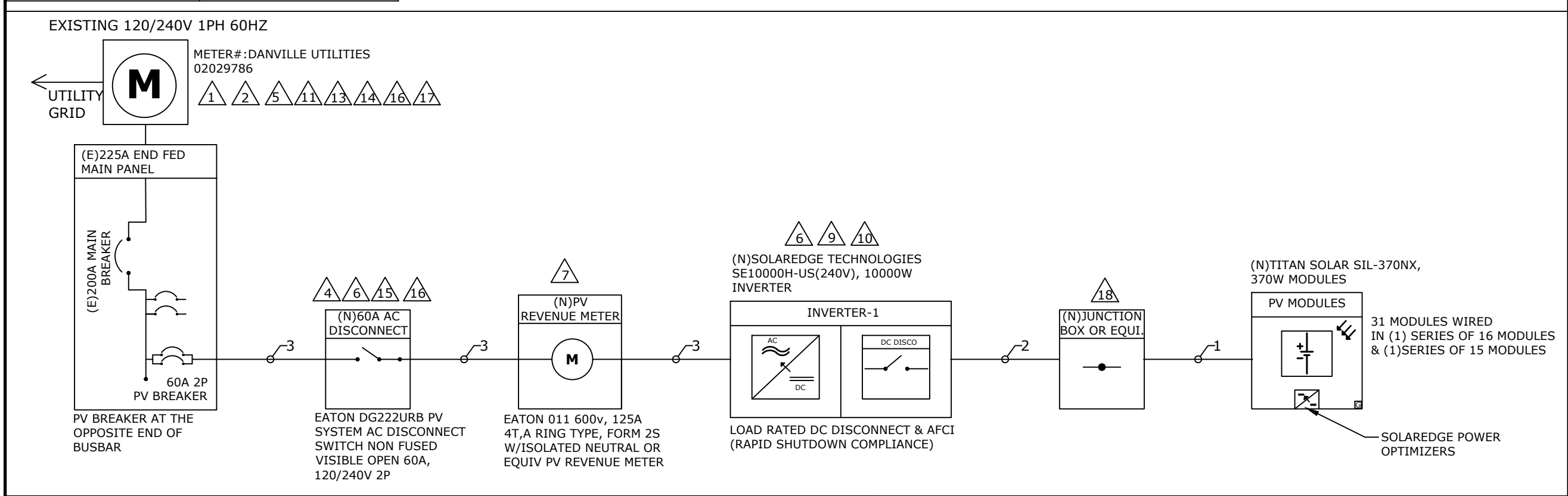
8.AMBIENT TEMPERATURE ADJUSTMENT FACTOR IS BASED ON NEC 310.15(B)(2).

9.MAX. SYSTEM VOLTAGE CORRECTION IS PER NEC 690.7.

10.CONDUCTORS ARE SIZED PER WIRE AMPACITY TABLE NEC 310.15(B)(16).



ADDRESS: 525W, BASELINE RD
MESA AZ,85210



CONDUIT SCHEDULE				
TAG ID	CONDUIT SIZE	CONDUCTOR	NEUTRAL	GROUND
1	NONE	(4) 10AWG PV WIRE	NONE	(1) 10AWG BARE COPPER
2	3/4"EMT OR EQUIV	(4) 10AWG THHN/THWN-2	NONE	(1) 10AWG THHN/THWN-2
3	3/4"EMT OR EQUIV	(2) 6AWG THHN/THWN-2	(1) 6AWG THHN/THWN-2	(1) 10AWG THHN/THWN-2

NOTE:

MAIN PANEL RATING:225A, MAIN BREAKER RATING:200A
120% RULE: (225AX1.2)-200A=70A =>ALLOWABLE BACKFEED IS 70A

OC PD CALCULATIONS:

INVERTER OVERCURRENT PROTECTION= INVERTER O/P I X CONTINUOUS LOAD(1.25)
=42x1.25=52.50A=>PV BREAKER = 60A
ALLOWABLE BACKFEED 70A =>60A PV BREAKER

THE DESIGNED INTERCONNECTION MEETS THE 705.12(B)(2) REQUIREMENTS.

ELECTRICAL CALCULATIONS

DC WIRE SIZING CALCULATIONS BASED OF FOLLOWING EQUATIONS>>

•REQUIRED CONDUCTOR AMPACITY: 125% PER 690.8(A)(1) X Isc(A) X #OF PARALLEL STRINGS = MAX CURRENT PER 690.8(A)(1) X 125% PER 690.8(B)(2)(a)=MAX CURRENT PER 690.8(B)(2)(a)

•CORRECTED AMPACITY CALCULATIONS:AMPACITY X TEMPERATURE DERATE FACTOR X CONDUIT FILL DERATE = DERATED CONDUCTOR AMPACITY

•DERATED CONDUCTOR AMPACITY CHECK: MAX CURRENT PER 690.8(B)(2)(2) < DERATED CONDUCTOR AMPACITY

AC WIRE SIZING CALCULATIONS BASED OF FOLLOWING EQUATIONS >>

•REQUIRED CONDUCTOR AMPACITY: INVERTER OUTPUT CURRENT X #OF INVERTERSXMAX CURRENT PER 690.8(A)(3)X125% PER 690.8(B)(2)(A)

•CORRECTED AMPACITY CALCULATIONS:AMPACITY X TEMPERATURE DERATE FACTOR X CONDUIT FILL DERATE = DERATED CONDUCTOR AMPACITY

•DERATED CONDUCTOR AMPACITY CHECK: MAX CURRENT PER 690.8(B)(2)(2) < DERATED CONDUCTOR AMPACITY

DC WIRE CALCULATIONS:- MATERIAL:COPPER & TEMPERATURE RATING:90°C

TAG ID	REQUIRED CONDUCTOR AMPACITY								CORRECTED AMPACITY CALCULATION								DERATED CONDUCTOR AMPACITY CHECK				
1	1	X	15	X	1	=	15	X	1.25	=	18.75A	40	X	0.71	X	0.8	=	22.72A	18.75A	<	22.72A
2	1	X	15	X	1	=	15	X	1.25	=	18.75A	40	X	0.71	X	0.8	=	22.72A	18.75A	<	22.72A

AC WIRE CALCULATIONS:- MATERIAL:COPPER & TEMPERATURE RATING:90°C

TAG ID	REQUIRED CONDUCTOR AMPACITY								CORRECTED AMPACITY CALCULATION								DERATED CONDUCTOR AMPACITY CHECK			
3	42	X	1	=	42	X	1.25	=	52.50A	75	X	0.87	X	1	=	65.25A	52.50A	<	65.25A	



SINGLE LINE DIAGRAM

DESIGNER /CHECKED BY: KSN/SN

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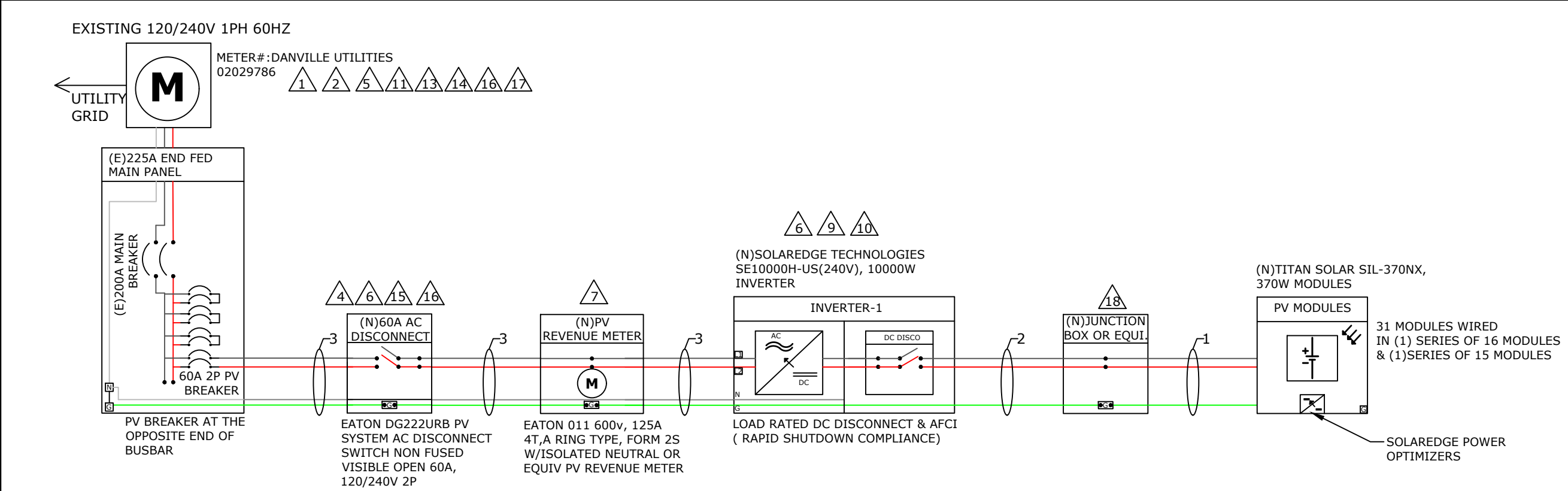
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THREE LINE DIAGRAM: DC SYSTEM SIZE - 11470W, AC SYSTEM SIZE - 10000W

INVERTER-1 SPECIFICATIONS		MODULE SPECIFICATION		OPTIMIZER CHARACTERISTICS		SYSTEM CHARACTERISTICS	
MODEL	SOLAREEDGE TECHNOLOGIES SE10000H-US(240V)	MODEL	TITAN SOLAR SIL-370NX	MODEL	P370	DC SYSTEM SIZE	11470 W
POWER RATING	10000W	MODULE POWER @ STC	370W	MIN INPUT VOLTAGE	8 VDC	INVERTER STRING VOLTAGE: Vmp	400V
MAX OUTPUT CURRENT	42A	OPEN CIRCUIT VOLTAGE: Voc	44.8V	MAX INPUT VOLTAGE	60 VDC	MAX INVERTER SYSTEM VOLTAGE: Voc	480V
CEC WEIGHTED EFFICIENCY	99%	MAX POWER VOLTAGE: Vmp	37.2V	MAX INPUT CURRENT	11 ADC	MAX SHORT CIRCUIT CURRENT	15A
MAX INPUT CURRENT	27A	SHORT CIRCUIT CURRENT: Isc	10.6A	MAX OUTPUT CURRENT	15 ADC	OPERATING CURRENT	14.80A
MAX DC VOLTAGE	480V	MAX POWER CURRENT: Imp	10A				

ELECTRICAL NOTES

- 1.CONDUCTORS EXPOSED TO SUNLIGHT SHALL BE LISTED AS SUNLIGHT RESISTANT PER NEC 310.10(D).
- 2.CONDUCTORS EXPOSED TO WET LOCATIONS SHALL BE SUITABLE FOR USE IN WET LOCATIONS PER NEC 310.10(C).
- 3.MAXIMUM DC/AC VOLTAGE DROP SHALL BE NO MORE THAN 2%.
- 4.ALL CONDUCTORS SHALL BE IN CONDUIT UNLESS OTHERWISE NOTED.
- 5.BREAKER/FUSE SIZES CONFORMS TO NEC 240.6 CODE SECTION.
- 6.AC GROUNDING ELECTRODE CONDUCTOR SIZED PER NEC 250.66.
- 7.AMBIENT TEMPERATURE CORRECTION FACTOR IS BASED ON NEC 690.31(C).
- 8.AMBIENT TEMPERATURE ADJUSTMENT FACTOR IS BASED ON NEC 310.15(B)(2).
- 9.MAX. SYSTEM VOLTAGE CORRECTION IS PER NEC 690.7.
- 10.CONDUCTORS ARE SIZED PER WIRE AMPACITY TABLE NEC 310.15(B)(16).



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CUSTOMER INFORMATION

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APN: 20701

AHJ:VA- CITY OF DANVILLE

UTILITY:DANVILLE UTILITIES

PRN NUMBER:TPS-25626



THREE LINE DIAGRAM

DESIGNER /CHECKED BY: KSN/SN

PAPER SIZE:17"X11"

SCALE:AS NOTED

REV:A

DATE:5/9/2021

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CONDUIT SCHEDULE

TAG ID	CONDUIT SIZE	CONDUCTOR	NEUTRAL	GROUND
1	NONE	(4) 10AWG PV WIRE	NONE	(1) 10AWG BARE COPPER
2	3/4"EMT OR EQUIV	(4) 10AWG THHN/THWN-2	NONE	(1) 10AWG THHN/THWN-2
3	3/4"EMT OR EQUIV	(2) 6AWG THHN/THWN-2	(1) 6AWG THHN/THWN-2	(1) 10AWG THHN/THWN-2

NOTE:
MAIN PANEL RATING:225A, MAIN BREAKER RATING:200A
120% RULE: (225AX1.2)-200A=>ALLOWABLE BACKFEED IS 70A

OCPD CALCULATIONS:
INVERTER OVERCURRENT PROTECTION= INVERTER O/P I X CONTINUOUS LOAD(1.25)
=42x1.25=52.50A=>PV BREAKER = 60A
ALLOWABLE BACKFEED 70A =>60A PV BREAKER
THE DESIGNED INTERCONNECTION MEETS THE 705.12(B)(2) REQUIREMENTS.

ELECTRICAL CALCULATIONS

DC WIRE SIZING CALCULATIONS BASED OF FOLLOWING EQUATIONS>>

- REQUIRED CONDUCTOR AMPACITY: 125% PER 690.8(A)(1) X Isc(A) X #OF PARALLEL STRINGS = MAX CURRENT PER 690.8(A)(1) X 125% PER 690.8(B)(2)(a)=MAX CURRENT PER 690.8(B)(2)(a)
- CORRECTED AMPACITY CALCULATIONS:AMPACITY X TEMPERATURE DERATE FACTOR X CONDUIT FILL DERATE = DERATED CONDUCTOR AMPACITY
- DERATED CONDUCTOR AMPACITY CHECK: MAX CURRENT PER 690.8(B)(2)(2) < DERATED CONDUCTOR AMPACITY

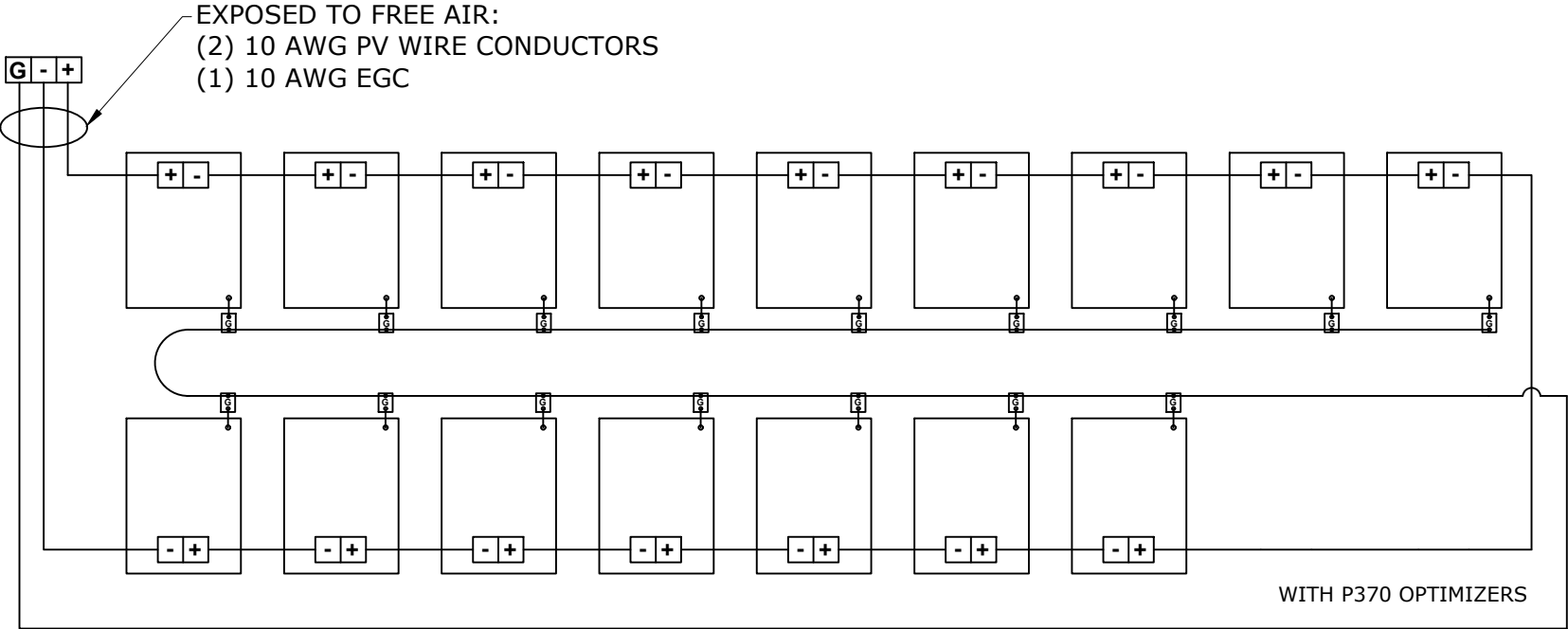
AC WIRE SIZING CALCULATIONS BASED OF FOLLOWING EQUATIONS >>

- REQUIRED CONDUCTOR AMPACITY: INVERTER OUTPUT CURRENT X #OF INVERTERSXMAX CURRENT PER 690.8(A)(3)X125% PER 690.8(B)(2)(A)
- CORRECTED AMPACITY CALCULATIONS:AMPACITY X TEMPERATURE DERATE FACTOR X CONDUIT FILL DERATE = DERATED CONDUCTOR AMPACITY
- DERATED CONDUCTOR AMPACITY CHECK: MAX CURRENT PER 690.8(B)(2)(2) < DERATED CONDUCTOR AMPACITY

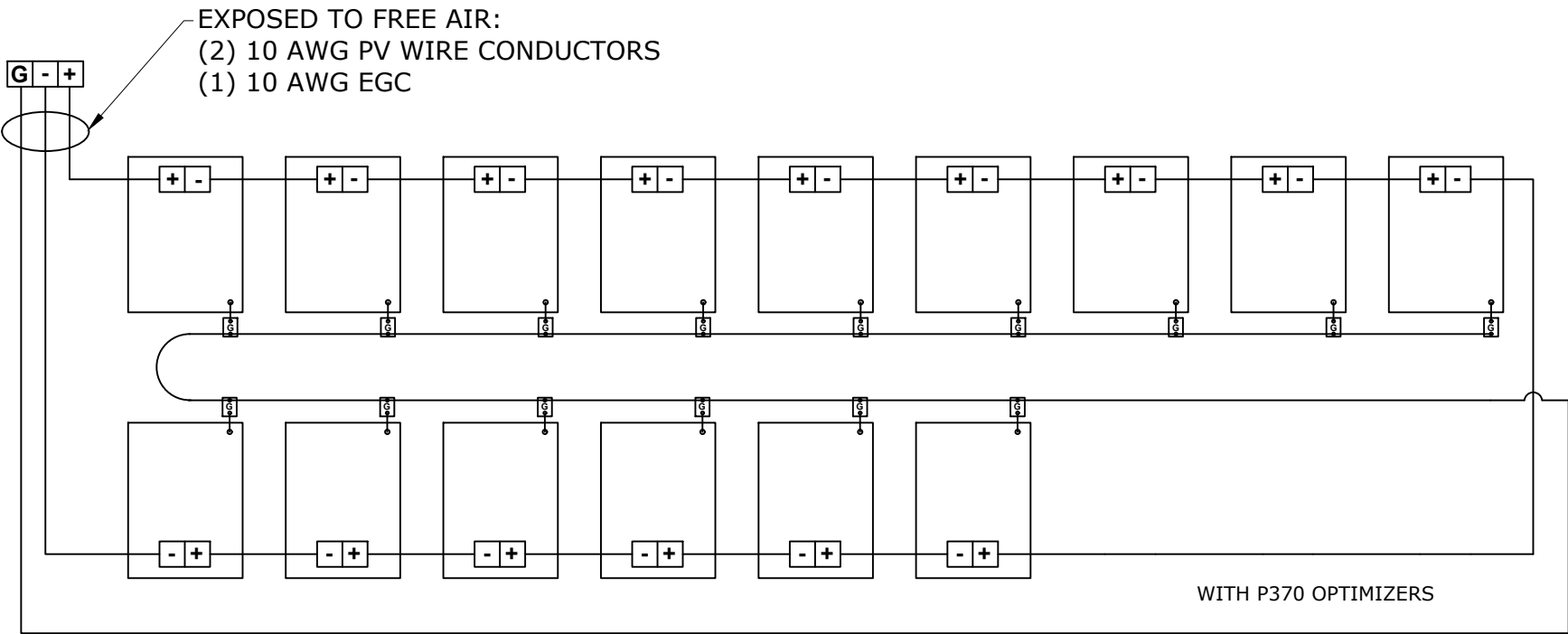
DC WIRE CALCULATIONS:- MATERIAL:COPPER & TEMPERATURE RATING:90°C																					
TAG ID	REQUIRED CONDUCTOR AMPACITY											CORRECTED AMPACITY CALCULATION							DERATED CONDUCTOR AMPACITY CHECK		
1	1	X	15	X	1	=	15	X	1.25	=	18.75A	40	X	0.71	X	0.8	=	22.72A	18.75A	<	22.72A
2	1	X	15	X	1	=	15	X	1.25	=	18.75A	40	X	0.71	X	0.8	=	22.72A	18.75A	<	22.72A
AC WIRE CALCULATIONS:- MATERIAL:COPPER & TEMPERATURE RATING:90°C																					
TAG ID	REQUIRED CONDUCTOR AMPACITY										CORRECTED AMPACITY CALCULATION							DERATED CONDUCTOR AMPACITY CHECK			
3	42	X	1	=	42	X	1.25	=	52.50A	75	X	0.87	X	1	=	65.25A	52.50A	<	65.25A		

STRING WIRING DIAGRAM

1 STRING OF 16 MODULES



1 STRING OF 15 MODULES



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STRING WIRING DIAGRAM

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PAPER SIZE:17"X11"

SCALE:AS NOTED

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DATE:5/9/2021

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WARNING PLACARD

1



CAUTION

PHOTOVOLTAIC SYSTEM CIRCUIT IS BACKFED

LABEL LOCATION
BACKFED BREAKER [PER CODE: NEC 705.12(4)]

2



WARNING

INVERTER OUTPUT CONNECTION:
DO NOT RELOCATE THIS
OVERCURRENT DEVICE

LABEL LOCATION: BACKFED BREAKER
[PER CODE: 2017 NEC 705.12(2)(3)(b)]

3

WARNING

A GENERATION SOURCE IS CONNECTED TO THE SUPPLY
(UTILITY) SIDE OF THE MAIN SERVICE DISCONNECT. FOLLOW
THE PROPER LOCK-OUT/TAG-OUT PROCEDURES TO ENSURE
THE PHOTOVOLTAIC SYSTEM UTILITY DISCONNECT SWITCH IS
OPENED PRIOR TO PERFORMING WORK ON THIS DEVICE

LABEL LOCATION: (IF APPLICABLE) SUPPLY SIDE TAP LOAD PANEL
[PER CODE: UTILITY]

4

PHOTOVOLTAIC AC DISCONNECT

RATED AC OPERATING CURRENT 42.00 A
AC NOMINAL OPERATING VOLTAGE 240 VAC

LABEL LOCATION: MAIN PANEL AC DISCONNECT(S)
[PER CODE: NEC 690.54]

5

RAPID SHUTDOWN SWITCH
FOR SOLAR PV SYSTEM

LABEL LOCATION: MAIN PANEL
[PER CODE: NEC 690.12,690.56(C)(3)]

6



WARNING

ELECTRIC SHOCK HAZARD

TERMINALS ON BOTH LINE AND LOAD SIDES MAY
BE ENERGIZED IN THE OPEN POSITION

LABEL LOCATION: COMBINER PANEL
AC DISCONNECT JUNCTION BOX INVERTER(S)
[PER CODE: NEC 690.13(B)]

7

PHOTOVOLTAIC

SYSTEM METER

LABEL LOCATION: DEDICATED KWH METER
[PER CODE: NEC 690.4(B) UTILITY]

8



WARNING

PHOTOVOLTAIC SYSTEM
COMBINER PANEL

DO NOT ADD LOADS

LABEL LOCATION: AC COMBINER PANEL
[PER CODE: NEC 690.13(B)]

9

MAXIMUM VOLTAGE:

480 VDC

MAXIMUM CIRCUIT CURRENT:

15 ADC

MAX. RATED OUTPUT CURRENT OF THE
CHARGE CONTROLLER OR
DC-TO-DC-CONVERTER (IF
INSTALLED)

15 ADC

LABEL LOCATION: DC DISCONNECT INVERTER
[PER CODE: NEC 690.53 UTILITY]

10



WARNING

ELECTRIC SHOCK HAZARD

TERMINALS ON BOTH LINE AND LOAD SIDES MAY
BE ENERGIZED IN THE OPEN POSITION

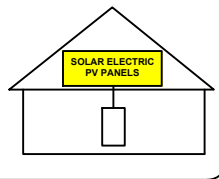
DC VOLTAGE IS ALWAYS PRESENT WHEN SOLAR
MODULES ARE EXPOSED TO SUNLIGHT

LABEL LOCATION
DC DISCONNECT INVERTER, COMBINE BOX
[PER CODE: NEC 690.13(B)]

11

SOLAR PV SYSTEM EQUIPPED
WITH RAPID SHUTDOWN

TURN RAPID SHUTDOWN
SWITCH TO THE
"OFF" POSITION TO
SHUT DOWN PV SYSTEM
AND REDUCE
SHOCK HAZARD
IN THE ARRAY



LABEL LOCATION: MAIN SERVICE
[PER CODE: NEC 690.12, NEC 690.56(C)(1)(a)]

13



CAUTION

DUAL POWER SOURCE
SECOND SOURCE IS
PHOTOVOLTAIC

LABEL LOCATION :SERVICE METER MAIN PANEL
[PER CODE: UTILITY]

14



WARNING

INVERTER OUTPUT CONNECTION

DO NOT RELOCATE THIS
OVER-CURRENT DEVICE

LABEL LOCATION : (IF APPLICABLE) SERVICE PANEL
[PER CODE: NEC 705.12(D)(7)]

15

PHOTOVOLTAIC SYSTEM
UTLITY DISCONNECT SWITCH

LABEL LOCATION :AC DISCONNECT
[PER CODE: NEC 690.13(B)UTILITY]

16



WARNING

ELECTRIC SHOCK HAZARD

IF GROUND FAULT IS INDICATED ALL NORMALLY
GROUNDED CONDUCTORS MAY BE UNGROUNDED
AND ENERGIZED

LABEL LOCATION
AC DISCONNECT COMBINER BOX SERVICE METER
[PER CODE: NEC 690.5(C)]

17

PV SOLAR BREAKER

DO NOT RELOCATE THIS
OVERCURRENT DEVICE

LABEL LOCATION
MAIN PANEL DEAD FRONT
[PER CODE: NEC 705.12(B)(2)(3)(b)]

18

WARNING PHOTOVOLTAIC POWER SOURCE

LABEL LOCATION
DC CONDUIT JUNCTION BOX NO MORE THAN 10FT
[PER CODE: NEC 690.31(G)(3),NEC 690.31(G)(4)]



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WARNING PLACARDS

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DATE:5/9/2021

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REFLECTIVE AND WEATHER RESISTANCE LABEL REQUIRES CAPITALIZED LETTERS WITH A MINIMUM HEIGHT OF 3/8INCH, WHITE LETTERS ON RED BACKGROUND LABELS SHALL BE PLACED ON INTERIOR AND EXTERIOR DCCONDUIT, RACEWAYS, ENCLOSURE, AND CABLE ASSEMBLIES EVERY 10 FEET, WITHIN 1 FOOT OF TURNS OR BENDSAND WITHIN 1 FOOT ABOVE AND BELOW PENETRATIONS OF ROOF/ CEILING ASSEMBLIES, WALLS OR BARRIERS.

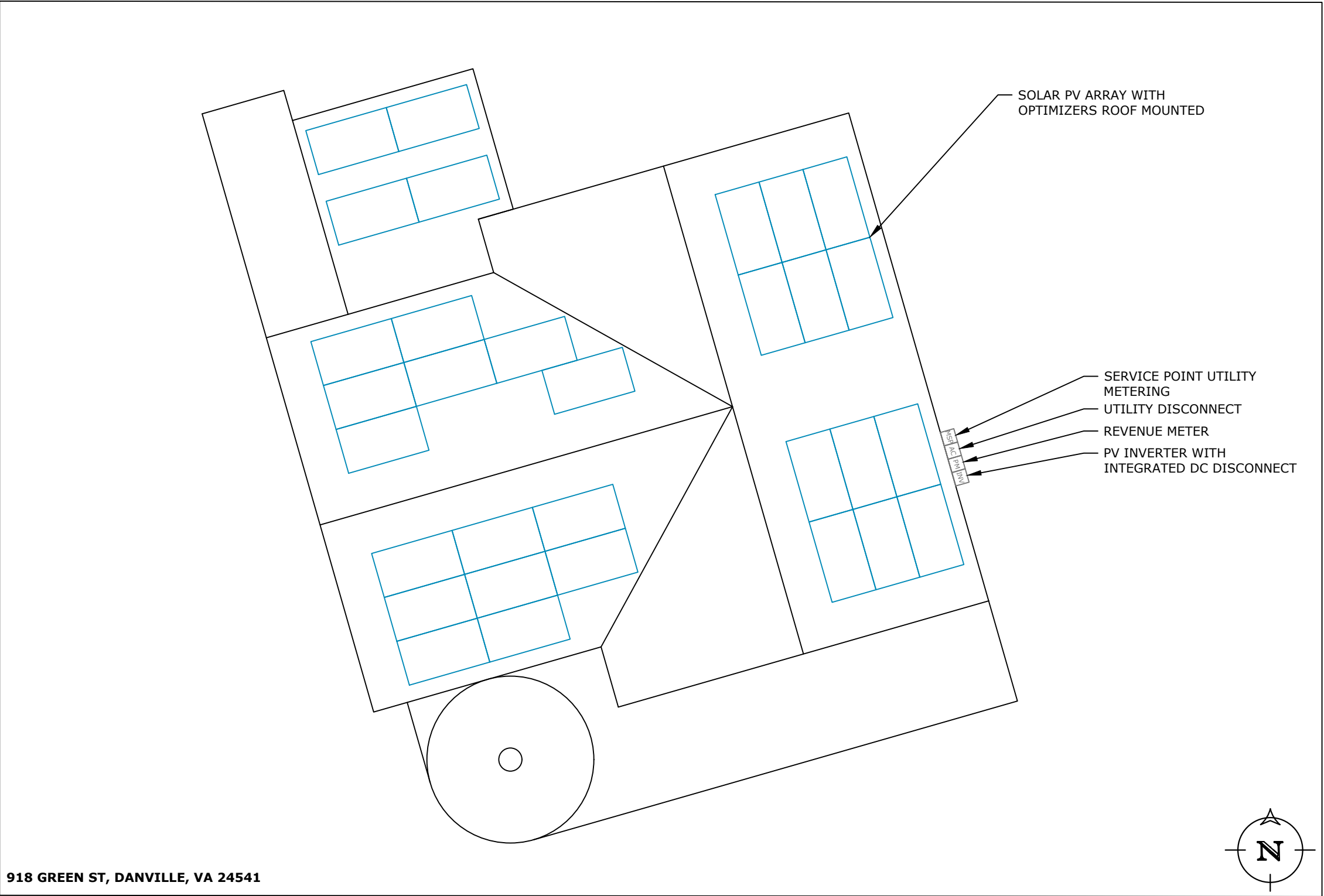
SAFETY PLANS

SAFETY PLANS

- NOTES:
- 1. INSTALLERS SHALL DRAW IN DESIGNATED SAFETY AREA AROUND HOME.
 - 2. INSTALLERS SHALL UPDATE NAME ADDRESS AND PHONE NUMBER OF NEAREST.
 - 3. URGENT CARE FACILITY RELATIVE TO THE SITE BEFORE STARTING WORK.

LOCATION OF NEAREST URGENT CARE FACILITY

NAME:
ADDRESS:
PHONE NUMBER:



ADDRESS: 525W, BASELINE RD
MESA AZ,85210

CUSTOMER INFORMATION

NAME:FRED MEDER

ADDRESS:918 GREEN ST, DANVILLE, VA
24541

36.580219, -79.397709
APN: 20701

AHJ:VA- CITY OF DANVILLE

UTILITY:DANVILLE UTILITIES

PRN NUMBER:TPS-25626



SAFETY PLANS-1

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DATE:5/9/2021 85 of 112

SAFETY PLANS																															
SAFETY PLANS NOTES: 1. INSTALLERS SHALL DRAW IN DESIGNATED SAFETY AREA AROUND HOME. 2. INSTALLERS SHALL UPDATE NAME ADDRESS AND PHONE NUMBER OF NEAREST. 3. URGENT CARE FACILITY RELATIVE TO THE SITE BEFORE STARTING WORK. LOCATION OF NEAREST URGENT CARE FACILITY NAME: ADDRESS: PHONE NUMBER: PERSONS COVERED BY THIS JOB SAFETY PLAN INJURED AT WORK TODAY? INITIAL YES OR NO <table><thead><tr><th>PRINT NAME</th><th>INITIAL</th><th>YES</th><th>NO</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></tbody></table> UNDERGROUND DIG REQUIRED? YES _____ PERMIT # _____				PRINT NAME	INITIAL	YES	NO																								
PRINT NAME	INITIAL	YES	NO																												
 ADDRESS: 525W, BASELINE RD MESA AZ,85210 CUSTOMER INFORMATION NAME:FRED MEDER ADDRESS:918 GREEN ST, DANVILLE, VA 24541 36.580219, -79.397709 APN: 20701 AHJ:VA- CITY OF DANVILLE UTILITY:DANVILLE UTILITIES PRN NUMBER:TPS-25626  SAFETY PLANS-2 <table><tr><td>DESIGNER /CHECKED BY: KSN/SN</td><td>PAPER SIZE:17"X11"</td></tr><tr><td>SCALE:AS NOTED</td><td>REV:A</td></tr><tr><td>DATE:5/9/2021</td><td>86 of 241-3</td></tr></table>				DESIGNER /CHECKED BY: KSN/SN	PAPER SIZE:17"X11"	SCALE:AS NOTED	REV:A	DATE:5/9/2021	86 of 241-3																						
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DATE:5/9/2021	86 of 241-3																														



TITAN

SOLAR PANEL

HIGH EFFICIENCY
PREMIUM
MONO-PERC
PV MODULE



CHUBB
* Chubb provides error and omission insurance to Silfab Solar Inc.

SIL-370 NX
POWERED BY
SILFAB SOLAR



INDUSTRY LEADING WARRANTY

The Titan Solar Panel is manufactured by Silfab Solar and includes an industry leading 25-year product workmanship and 30-year performance warranty.

MAXIMUM ENERGY OUTPUT

Leveraging over 35+ years of worldwide experience in the solar industry, Silfab is dedicated to superior manufacturing processes and innovations such as Bifacial and Back Contact technologies, to ensure our partners, such as Titan Solar have the latest in solar innovation.

NORTH AMERICAN QUALITY

Silfab is the leading automated solar module manufacturer in North America. Utilizing premium quality materials and strict quality control management to deliver the highest efficiency, premium quality PV modules.



Electrical Specifications		SIL-370 NX mono PERC	
Test Conditions		STC	NOCT
Module Power (P _{max})	Wp	370	266
Maximum power voltage (V _{pmax})	V	37.2	33.7
Maximum power current (I _{pmax})	A	10.0	7.9
Open circuit voltage (V _{oc})	V	44.8	40.7
Short circuit current (I _{sc})	A	10.6	8.3
Module efficiency	%	20.2	18.2
Maximum system voltage (V _{DC})	V	1000	
Series fuse rating	A	20	
Power Tolerance	Wp	+/- 3%	

Measurement conditions: STC 1000 W/m² • AM 1.5 • Temperature 25 °C • NOCT 800 W/m² • AM 1.5 • Measurement uncertainty ± 3%
• Sun simulator calibration reference modules from Fraunhofer Institute. Electrical characteristics may vary by ±5% and power by +/-3%.

Temperature Ratings		SIL-370 NX mono PERC	
Temperature Coefficient I _{sc}		0.064 %/°C	
Temperature Coefficient V _{oc}		-0.28 %/°C	
Temperature Coefficient P _{max}		-0.36 %/°C	
NOCT (± 2°C)		46 °C	
Operating temperature		-40/+85 °C	

Mechanical Properties and Components		SIL-370 NX mono PERC	
Module weight		44±0.4 lbs	
Dimensions (H x L x D)		72.13 in x 39.4 in x 1.5 in	
Maximum surface load (wind/snow)*		83.5/12.8 lb/ft ²	
Hail impact resistance		1 in at 51.6 mph	
Cells		66 - Si mono-PERC - 5 busbar, 62.25 x 62.25 in	
Glass		0.126 in high transmittance, tempered, DSM anti-reflective coating	
Cables and connectors (refer to installation manual)		47.2 in, ø 0.22 in, MC4 from Staubli	
Backsheet		High durability, superior hydrolysis and UV resistance, multi-layer dielectric film, fluorine-free PV backsheet	
Frame		Anodized Aluminum (Black)	
Bypass diodes		3 diodes-30SQ045T (45V max DC blocking voltage, 30A max forward rectified current)	
Junction Box		UL 3730 Certified, IEC 62790 Certified, IP67 rated	

Warranties		SIL-370 NX mono PERC	
Module product workmanship warranty		25 years**	
Linear power performance guarantee		30 years	
		≥ 97.1% end 1 st year	≥ 91.6% end 12 th year
		≥ 85.1% end 25 th year	≥ 82.6% end 30 th year

Certifications		SIL-370 NX mono PERC	
Product		ULC ORD C1703, UL1703, CEC listed***, UL 61215-1/-1-1/-2, UL 61730-1/-2, IEC 61215-1/-1-1/-2***, IEC 61730-1/-2***, CSA C22.2#61730-1/-2, IEC 62716	
Factory		Ammonia Corrosion, IEC61701:2011 Salt Mist Corrosion Certified, UL Fire Rating: Type 2	
		ISO9001:2015	

All states except California	California
Modules Per Pallet: 26	Modules Per Pallet: 26
Pallets Per Truck: 34	Pallets Per Truck: 32
Modules Per Truck: 884	Modules Per Truck: 832

*Warning: Read the Safety and Installation Manual for mounting specifications and before handling, installing and operating modules.

**12 year extendable to 25 years subject to registration and conditions outlined under "Warranty" at www.silfabsolar.com.

***Certification and CEC listing in progress.

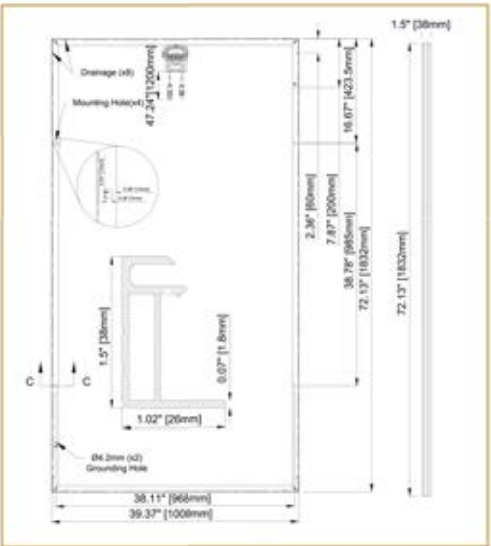
PAN files generated from 3rd party performance data are available for download at: www.silfabsolar.com/downloads.



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MODULE SPEC SHEET

DESIGNER /CHECKED
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PAPER SIZE:17"X11"

SCALE:AS NOTED

REV:A

DATE:5/9/2021

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Single Phase Inverter
with HD-Wave Technology

for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US /
SE7600H-US / SE10000H-US / SE11400H-US



Optimized installation with HD-Wave technology

- Specifically designed to work with power optimizers
- Record-breaking 99% weighted efficiency
- Quick and easy inverter commissioning directly from a smartphone using the SolarEdge SetApp
- Fixed voltage inverter for longer strings
- Integrated arc fault protection and rapid shutdown for NEC 2014 and 2017, per article 690.11 and 690.12
- UL1741 SA certified, for CPUC Rule 21 grid compliance
- Small, lightweight, and easy to install both outdoors or indoors
- Built-in module-level monitoring
- Optional: Faster installations with built-in consumption metering (1% accuracy) and production revenue grade metering (0.5% accuracy, ANSI C12.20)

solaredge.com



INVERTERS

Single Phase Inverter
with HD-Wave Technology for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US/
SE7600H-US / SE10000H-US / SE11400H-US

MODEL NUMBER	SE3000H-US	SE3800H-US	SE5000H-US	SE6000H-US	SE7600H-US	SE10000H-US	SE11400H-US	
APPLICABLE TO INVERTERS WITH PART NUMBER	SEXXXXH-XXXXXBXX4							
OUTPUT								
Rated AC Power Output	3000	3800 @ 240V 3300 @ 208V	5000	6000 @ 240V 5000 @ 208V	7600	10000	11400 @ 240V 10000 @ 208V	VA
Maximum AC Power Output	3000	3800 @ 240V 3300 @ 208V	5000	6000 @ 240V 5000 @ 208V	7600	10000	11400 @ 240V 10000 @ 208V	VA
AC Output Voltage Min.-Nom.-Max. (211 - 240 - 264)	✓	✓	✓	✓	✓	✓	✓	Vac
AC Output Voltage Min.-Nom.-Max. (183 - 208 - 229)	-	✓	-	✓	-	-	✓	Vac
AC Frequency (Nominal)	59.3 - 60 - 60.5 ¹⁾							Hz
Maximum Continuous Output Current @240V	12.5	16	21	25	32	42	47.5	A
Maximum Continuous Output Current @208V	-	16	-	24	-	-	48.5	A
Power Factor	1, Adjustable - 0.85 to 0.85							
GFDI Threshold	1							A
Utility Monitoring, Islanding Protection, Country Configurable Thresholds	Yes							
INPUT								
Maximum DC Power @240V	4650	5900	7750	9300	11800	15500	17650	W
Maximum DC Power @208V	-	5100	-	7750	-	-	15500	W
Transformer-less, Ungrounded	Yes							
Maximum Input Voltage	480							Vdc
Nominal DC Input Voltage	380				400			Vdc
Maximum Input Current @240V ²⁾	8.5	10.5	13.5	16.5	20	27	30.5	Adc
Maximum Input Current @208V ²⁾	-	9	-	13.5	-	-	27	Adc
Max. Input Short Circuit Current	45							Adc
Reverse-Polarity Protection	Yes							
Ground-Fault Isolation Detection	600ka Sensitivity							
Maximum Inverter Efficiency	99	99.2						%
CEC Weighted Efficiency	99						99 @ 240V 98.5 @ 208V	%
Nighttime Power Consumption	< 2.5							W

¹⁾ For other regional settings please contact SolarEdge support
²⁾ A higher current source may be used, the inverter will limit its input current to the values stated



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INVERTER SPEC SHEET

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SCALE:AS NOTED REV:A

DATE:5/9/2021 88 of 99-2

Power Optimizer

For North America

P370 / P400 / P401 / P485 / P505

25
YEAR
WARRANTY



POWER OPTIMIZER

PV power optimization at the module-level

- Specifically designed to work with SolarEdge inverters
- Up to 25% more energy
- Superior efficiency (99.5%)
- Mitigates all types of module mismatch losses, from manufacturing tolerance to partial shading
- Flexible system design for maximum space utilization
- Fast installation with a single bolt
- Next generation maintenance with module-level monitoring
- Meets NEC requirements for arc fault protection (AFCI) and Photovoltaic Rapid Shutdown System (PVRSS)
- Module-level voltage shutdown for installer and firefighter safety

solaredge.com



Power Optimizer
For North America

P370 / P400 / P401 / P485 / P505

Optimizer model (typical module compatibility)	P370 (for higher-power 60 and 72-cell modules)	P400 (for 72 & 96- cell modules)	P401 (for high power 60 and 72 cell modules)	P485 (for high-voltage modules)	P505 (for higher current modules)	
INPUT						
Rated Input DC Power ⁽¹⁾	370	400		485	505	W
Absolute Maximum Input Voltage (Voc at lowest temperature)	60	80	60	125 ⁽²⁾	83 ⁽³⁾	Vdc
MPPT Operating Range	8 - 60	8 - 80	8-60	12.5 - 105	12.5 - 83	Vdc
Maximum Short Circuit Current (Isc)	11	10.1	11.75	11	14	Adc
Maximum Efficiency			99.5			%
Weighted Efficiency			98.8			%
Overvoltage Category			II			
OUTPUT DURING OPERATION (POWER OPTIMIZER CONNECTED TO OPERATING SOLAREEDGE INVERTER)						
Maximum Output Current	15					Adc
Maximum Output Voltage	60			85		Vdc
OUTPUT DURING STANDBY (POWER OPTIMIZER DISCONNECTED FROM SOLAREEDGE INVERTER OR SOLAREEDGE INVERTER OFF)						
Safety Output Voltage per Power Optimizer	1 ± 0.1					Vdc
STANDARD COMPLIANCE						
Photovoltaic Rapid Shutdown System	NEC 2014, 2017 & 2020			NEC 2014, 2017 & 2020	NEC 2014, 2017 & 2020	
EMC	FCC Part 15 Class B, IEC61000-6-2, IEC61000-6-3					
Safety	IEC62109-1 (class II safety), UL1741					
Material	UL94 V-0, UV Resistant					
RoHS	Yes					
INSTALLATION SPECIFICATIONS						
Maximum Allowed System Voltage	1000					Vdc
Compatible inverters	All SolarEdge Single Phase and Three Phase inverters					
Dimensions (W x L x H)	129 x 153 x 27.5 / 5.1 x 6 x 1.1	129 x 153 x 33.5 / 5.1 x 6 x 1.3	129 x 153 x 29.5 / 5.1 x 6 x 1.16	129 x 153 x 33.5 / 5.1 x 5 x 1.3	129 x 162 x 59 / 5.1 x 6.4 x 2.3	mm / in
Weight (including cables)	655 / 1.4	750 / 1.7	655 / 1.4	845 / 1.9	1064 / 2.3	gr / lb
Input Connector	MC4 ⁽⁵⁾			Single or dual MC4 ⁽⁵⁾⁽⁶⁾	MC4 ⁽⁵⁾	
Input Wire Length	0.16 / 0.52, 0.9 / 2.95 ⁽⁸⁾	0.16 / 0.52	0.16 / 0.52, 0.9 / 2.95 ⁽⁸⁾	0.16 / 0.52	0.16 / 0.52	m / ft
Output Wire Type / Connector	Double Insulated / MC4					
Output Wire Length	1.2 / 3.9					m / ft
Operating Temperature Range ⁽⁹⁾	-40 to +85 / -40 to +185					°C / °F
Protection Rating	IP68 / NEMA6P					
Relative Humidity	0 - 100					%

(1) Rated power of the module at STC will not exceed the optimizer "Rated Input DC Power". Modules with up to +5% power tolerance are allowed.
(2) NEC 2017 requires max input voltage be not more than 80V
(3) For other connector types please contact SolarEdge
(4) For dual version for parallel connection of two modules use P485-4NMDMM. In the case of an odd number of PV modules in one string, installing one P485 dual version power optimizer connected to one PV module. When connecting a single module seal the unused input connectors with the supplied pair of seals.
(5) For ambient temperature above +85°C / +185°F power de-rating is applied. Refer to Power Optimizers Temperature De-Rating Technical Note for more details.

PV System Design Using a SolarEdge Inverter ⁽¹⁰⁾	Single Phase HD-Wave	Single phase	Three Phase for 208V grid	Three Phase for 277/480V grid	
Minimum String Length (Power Optimizers)	P370, P400, P401 P485, P505	8	10	18	
Maximum String Length (Power Optimizers)		6	8	14	
Maximum Nominal Power per String		25	25	50	
	5700 ⁽⁸⁾ (6000 with SE7600-US - SE11400-US)	5250 ⁽⁸⁾	6000 ⁽⁸⁾	12750 ⁽⁸⁾	W
Parallel Strings of Different Lengths or Orientations	Yes				

(6) For detailed string sizing information refer to: http://www.solaredge.com/sites/default/files/string_sizing_na.pdf
(7) It is not allowed to mix P485/P505 with P370/P400/P401 in one string.
(8) If the inverters rated AC power is maximum nominal power per string, then the maximum power per string will be able to reach up to the inverters maximum input DC power. Refer to: <https://www.solaredge.com/sites/default/files/se-power-optimizer-single-string-design-application-note.pdf>
(9) For 208V grid, it is allowed to install up to 7,200W per string when the maximum power difference between each string is 1,000W
(10) For 277/480V grid, it is allowed to install up to 13,000W per string when the maximum power difference between each string is 2,000W



RoHS



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OPTIMIZER SPEC SHEET

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PAPER SIZE:17"X11"

SCALE:AS NOTED

REV:A

DATE:5/9/2021

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SPEC SHEET



EverFlash eComp Kit



Part Number	Description
4000366	EverFlash eComp Kit, Black
4000679	EverFlash eComp Kit, Mill Lf, Dark Flash
4000367	EverFlash eComp Kit, Silver

- High quality, patented design to ensure watertight seal
- Included as part of a UL 2703 Listed System
- Easy installation, can be retrofitted without removing shingles
- Meets or exceeds all known building codes
- Aluminum base with stainless steel hardware for high corrosion resistance
- Compatible with all our CrossRails

Components



EverFlash eComp, 8x12"
• Material: aluminum
• Finish: silver, black



L-Foot and Hardware
• Material: aluminum and stainless steel
• Finish: mill, dark



5/16" Sealing Washer
• Material: stainless steel, EPDM insert



5/16" Lag Bolt
• Material: stainless steel

www.everest-solarsystems.com

EverFlash eComp Kit Product Sheet U504 | 1019 - Subject to change - Product illustrations are exemplary and may differ from the original.



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MOUNT SPEC SHEET

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DATE:5/9/2021	91 of 99-5

SPEC SHEET



CrossRail Tilt Up System



- ▶ High quality, German-engineered system optimized for residential installation
- ▶ MK3 mounting hardware simplifies module installation - fast easy and secure
- ▶ L-Foot provides adjustability and compatibility with common roof types
- ▶ 100% code-compliant, structural validation for all solar states
- ▶ 4 rail sizes available to suit all structural conditions
- ▶ Fast installation with minimal component count result in low total installed cost
- ▶ Flexible to several tilt angles and preengineered for 7, 10, 15 degree tilts
- ▶ Same rail used as tilt legs - minimize rail waste by using scrap as tilt legs



www.everest-solarsystems.com

Components



CrossRail 44-X

Part Number	Description
4000019	CrossRail 44-X 166", Mill
4000020	CrossRail 44-X 166", Dark
4000021	CrossRail 44-X 180", Mill
4000022	CrossRail 44-X 180", Dark



CrossRail 48-X

Part Number	Description
4000662	CrossRail 48-X 166", Mill
4000663	CrossRail 48-X 166", Dark
4000675	CrossRail 48-X 180", Mill
4000665	CrossRail 48-X 180", Dark



CrossRail 48-XL

Part Number	Description
4000695	CrossRail 48-XL 166", Mill
4000705	CrossRail 48-XL 166", Dark



CrossRail 80

Part Number	Description
4000508	CrossRail 80 168" Rail Mill



CrossRail Mid Clamp Standoff

Part Number	Description
4000601-H	CR MC Silver, 30-50mm, 13 mm Hex
4000602-H	CR MC Dark, 30-50mm, 13 mm Hex



CrossRail End Clamp

Part Number	Description
4000429	CR EC Silver, 30-50mm, Shared RL 30-45mm
4000430	CR EC Dark, 30-50mm, Shared RL 30-45mm
4000003	Shared Rail EC Silver, 55 46-50mm
4000004	Shared Rail EC Dark, 55 46-50mm



Yeti Clamp

Part Number	Description
4000050-H	Yeti Hidden EC for CR, Mill, 13 mm Hex



Aluminum End Clamp

Part Number	Description
4005344	CrossRail EC Silver, AL 32-33mm
4005169	CrossRail EC Silver, AL 34-36mm
4005290	CrossRail EC Silver, AL 37-38mm
4005170	CrossRail EC Silver, AL 39-41mm
4005291	CrossRail EC Silver, AL 42-44mm
4005171	CrossRail EC Silver, AL 45-47mm
4005292	CrossRail EC Silver, AL 48mm
4005172	CrossRail EC Silver, AL 49-50mm



CrossRail Structural Rail Connector

Part Number	Description
4000051	Rail Connector CR 44-X, Set, Mill
4000052	Rail Connector CR 44-X, Set, Dark
4000385	RailConn CR 48-X, 48-XL Struct Set, Mill
4000386	RailConn CR 48-X, 48-XL Struct Set, Dark



L-Foot Slotted Set

Part Number	Description
4000630	L-Foot Slotted Set, Mill
4000631	L-Foot Slotted Set, Dark



Everest Ground Lug

Part Number	Description
4000006-H	Everest Ground Lug Set, 13 mm Hex



EverFlash XP Comp

Part Number	Description
4000054	EverFlash XP Slider Kit, Mill
4000055	EverFlash XP Slider Kit, Dark
4000057	EverFlash XP Kit, Mill LF, Dark Flash
4000068	EverFlash XP Comp Kit, Dark
4000066	EverFlash XP Comp Kit, Mill



EverFlash eComp

Part Number	Description
4000015	EverFlash eComp + SR Slide Kit, Mill
4000366	EverFlash eComp Kit, Black
4000679	EverFlash eComp Kit, Mill LF, Dark Flash
4000367	EverFlash eComp Kit, Silver
4000027	EverFlash eComp+SR Slide Kit, Dark
4000029	EverFlash eComp+SR Slide, LF Mill, Dark



Tilt Connector Set

Part Number	Description
4000505	CrossRail Tilt Connector Set



Climber Set

Part Number	Description
4000642-H	CrossRail 48-X, 48-XL, Climber Set w/Hole
4000643	CrossRail 44-X, Climber Set w/Hole

CrossRail Tilt Up Product Sheet US10 | 0620 · Subject to change · Product illustrations are exemplary and may differ from the original.



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MOUNT SPEC SHEET

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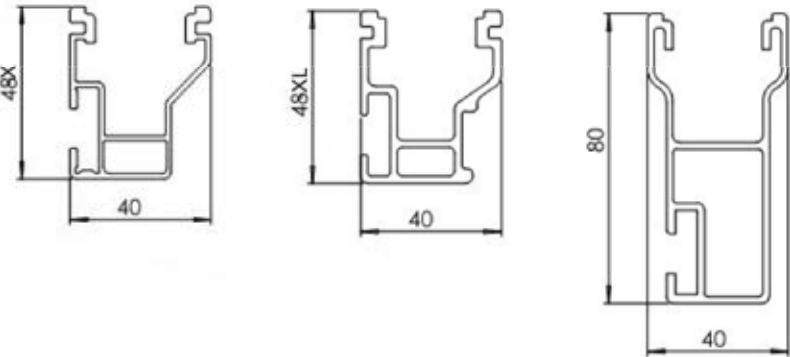
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DATE:5/9/2021

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Technical data

	CrossRail System
Roof Type	Composition shingle, tile, standing seam
Material	High corrosion resistance stainless steel and high grade aluminum
Flexibility	Modular construction, suitable for any system size, height adjustable
PV Modules	For all common module types
Module Orientation	Portrait and landscape
Roof Attachment	Screw connection into rafter
Structural Validity	IBC compliant, stamped engineering letters available for all solar states
Warranty	25 years



CrossRail 48-X

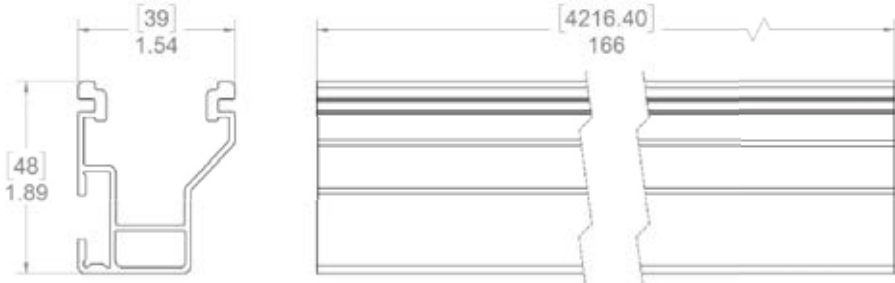


Mechanical Properties

	CrossRail 48-X
Material	6000 Series Aluminum
Ultimate Tensile Strength	37.7 ksi (260 MPa)
Yield Strength	34.8 ksi (240 MPa)
Weight	0.56 lbs/ft (0.833 kg/m)
Finish	Mill or Dark Anodized

Section Properties

	CrossRail 48-X
Sx	0.1980 in³ (3.261 cm³)
Sy	0.1510 in³ (2.507 cm³)
A (X-Section)	0.4650 in² (3.013 cm²)



Dimensions in [mm] Inches

Notes:

- Structural values and span charts determined in accordance with Aluminum Design Manual and ASCE 7-10
- UL2703 Listed System for Fire and Bonding

www.everest-solarsystems.com

www.everest-solarsystems.com



ADDRESS: 525W, BASELINE RD
MESA AZ,85210

CUSTOMER INFORMATION

NAME:FRED MEDER

ADDRESS:918 GREEN ST, DANVILLE, VA
24541

36.580219, -79.397709
APN: 20701

AHJ:VA- CITY OF DANVILLE

UTILITY:DANVILLE UTILITIES

PRN NUMBER:TPS-25626



RAIL SPEC SHEET

DESIGNER /CHECKED
BY: KSN/SN

PAPER SIZE:17"X11"

SCALE:AS NOTED

REV:A

DATE:5/9/2021

93 of 99-7



E-CURB™ SYSTEM
SOLAR PENETRATION SEALS

Technical Data Sheet Polyether Technology CSI Section No. 07 12 13

CHEM LINK
Construction & Maintenance
Telephone: 800-826-1681
Fax: 269-679-4448
353 E. Lyons Street
Schoolcraft, MI 49087
www.chemlink.com

Product Description
E-Curb penetration seals replace old-style metal pitch pans with versatile, precast components and pourable sealants. **CHEM LINK's E-Curb** system can usually be installed in under 15 minutes and never requires flashing or mechanical attachment.

E-Curbs are designed for use on granulated modified bitumen, asphalt and coal tar B.U.R. (built up roofing). **E-Curbs** are specified for PVC, EPDM, PIB, and TPO single ply roofing membranes. TPO Primer is required for use with TPO single-ply roof membrane.

When installed properly, this system forms a durable, waterproof rubber seal around penetrations. An extended manufacture warranty against leaks is activated with submittal of a completed warranty card.

- Special Characteristics**
- Rapid installation - "Slip-fit" light weight curb design reduces labor significantly.
 - Excellent adhesion to most roofing materials.
 - No flashing or mechanical attachment required.
 - Service Temperature -40°F to 200°F (-40°C to 93°C)
 - **1-Part®** accommodates movement and is suggested for use on all granulated membranes and details with excessive movement.
 - For sloped roof applications, substitute **DuraLink 50™** non-slump adhesive/sealant for **1-Part** and **M-1®**

- Restrictions**
- Please contact customer service for application guidelines with temperatures below 32°F (0°C).
 - Do not apply if rain is anticipated within 4 hours.
 - Do not use on Hypalon or smooth APP modified bitumen membrane. For smooth APP, torch down a target of granulated APP before installation.
 - TPO Primer must be used for TPO applications.
 - Do not prime bonding surfaces with asphalt primer.
 - Do not use asphalt cement as a "night sealant". Use **M-1** for this purpose.
 - **E-Curb** kits are designed to contain enough **1-Part** to fill each curb with displacement in consideration. Refer to our penetration calculator under contractor resources at chemlink.com to verify volumes.



- E-Curb System Components**
- **E-Curb** exterior rings, straights, and corners.
 - **M-1** Structural Adhesive/Sealant used for bonding the **E-Curb** components, sealing and priming the penetration.
 - **1-Part** "moisture cure" pourable sealer, used to form a durable, water-tight seal around the roof penetration.

E-Curb precast form components are composed of light weight nylon resin. The **E-Curb** is 2-inches high and is available in a variety of shapes and sizes. Standard sizes include bisected circular pieces with inside diameters of 3, 4, 5, 6 or 9 inches; corner pieces with a 2-inch radius; straight pieces in 3-inch or 8-inch lengths; and a 4.5" x 3.4" rectangle. The outer surface is impervious to ice, corrosion, UV (ultraviolet) light and ponding water.

M-1 Structural Adhesive/Sealant is a durable, self-fixturing moisture cure mastic. Cartridges of **M-1** are supplied in each **E-Curb** Kit. Components are also sold separately.

1-Part is a highly flexible, self-leveling moisture cure pourable sealer that eliminates mixing. It is also 100% solid rubber, has a very low VOC content, will not melt or shrink, and is resistant to deterioration. It is supplied in 10.1-oz and 28-oz cartridges or 1/2 gallon pouches. Unused sealant can be capped and reused.



Step 1
Remove all previously applied caulk, mastic, cement, asphalt, and other contaminants from penetrations with a wire brush. Clean all smooth substrates with isopropyl or denatured alcohol. Brush away all gravel or loose granules. Seal the base of each penetration with **M-1**. Coat penetrations with **M-1** to 3" above the roof line.



Step 2
Hold a section of **E-Curb**, flat side up, and apply a 1/4" bead of **M-1** to the entire bottom perimeter. Apply 1 additional 1/4" bead of **M-1** down the center of the section. Do not tool the beads flat. Place the **E-Curb** section on the roof surface to form a half circle around the penetration(s). Press down firmly until **M-1** extrudes from the outside edges.



Step 3
Apply **M-1** to the second section of **E-Curb** as described above. Place the second section of curb on the roof surface to form a circle with the first section. Press firmly in place until excess adhesive extrudes from the outside edges. Apply a bead of **M-1** around the outside base of the installed **E-Curb**, and tool to form a smooth fillet. For non **E-Curb** penetrations seals, add **M-1** to scarf joint surfaces and tool smooth.



Step 4
Cut tip off **1-Part** cartridge at widest point on plastic nozzle and pierce the foil seal. Insert into caulking gun and pump **E-Curb** full. When using a **1-Part** pouch, remove cap, pour, squeeze out excess air, and reseal. **Note:** To provide an adequate rubber seal, maintain a 1" distance between penetrations and inside edge of the **E-Curb**.



All properties described in this document are derived from testing conducted in laboratory conditions. Properties and performance will vary depending on environmental conditions and application technique. Test and evaluate to determine appropriate usage. Visit www.chemlink.com for the Safety Data Sheet, Technical Data Guides and full warranty for this product.

LIMITED WARRANTY: **CHEM LINK** warrants this product's performance, provided it is properly stored and applied within 1 year. If this **CHEM LINK** material is proved to be defective, return remaining product and purchase receipt for refund or replacement of product exclusive of labor or cost of labor. This is the sole and exclusive remedy for defects or failure of this product. User must read and follow the direction of the current Technical Data Guide and SDS prior to product use. User determines suitability of product for intended use and assumes all risks. Manufacturer shall not be liable for damages (including consequential or incidental damages) in excess of the purchase price, except where such exclusion or limitation is prohibited by state law. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, STATUTORY, EXPRESS OR IMPLIED INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE; except for the above express warranty given by manufacturer, the product is sold with all faults. **CHEM LINK** SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS. This warranty gives you specific legal rights, and you may also have other rights in the U.S. which vary from state to state. For warranty claim information, call 800-826-1681.



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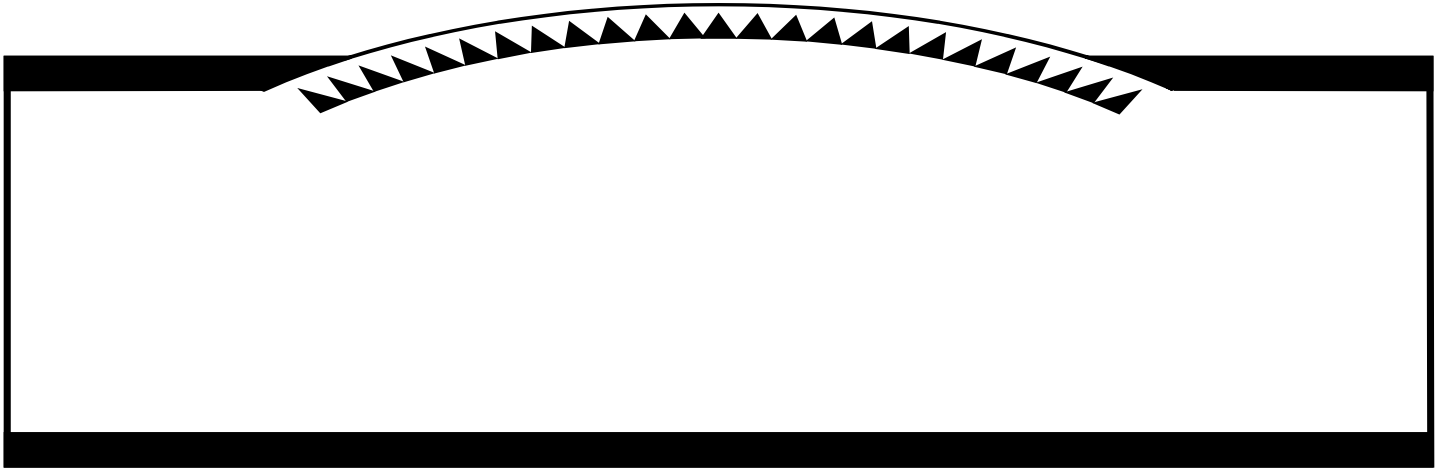
MOUNT SPEC SHEET

DESIGNER /CHECKED BY: KSN/SN PAPER SIZE:17"X11"

SCALE:AS NOTED REV:A

DATE:5/9/2021 94 of 99-8

DANVILLE
COMMISSION OF ARCHITECTURAL REVIEW



CERTIFICATE OF APPROPRIATENESS APPLICATION

Article 3.R.C.1.

No zoning, site plan, subdivision plat, or building permit shall be issued for the erection, reconstruction, exterior alteration, restoration, rehabilitation, razing, relocation or demolition of any building, structure, signs, fences, walls, light fixtures, accessory buildings, pavements, grading, site improvements, significant landscaping features or other appurtenant element in an HP-O District unless and until such building or site element has been approved by the issuance of a Certificate of Appropriateness by the Commission of Architectural Review for the City.

INFORMATION TO BE PROVIDED BY PLANNING DIVISION

Application Number: _____

CAR Date: _____

Date submitted: _____

Received by: _____

Tax Map Number: _____

Zoning Map Number: _____

Architectural Inventory Rating: _____

Zoning District: _____

Additional Zoning Information: _____

All buildings, structures or improvements located in the Old Westend Historic District and visible from a public right-of-way shall not be located, constructed, reconstructed, altered, or repaired unless a Certificate of Appropriateness has been issued by the Commission of Architectural Review. The Commission meets once a month on the fourth Thursday of the month at 3:30 P.M. in the fourth floor City Council Conference Room located in the Municipal Building. All questions or applications should be submitted to the Planning Division, located on the second floor of the Municipal Building, 427 Patton Street, Room 207, Danville, VA 24541; (434)-799-5260. As of July 1, 2018 a \$26.00 fee will be required for each application submitted for review.

INFORMATION TO BE PROVIDED BY APPLICANT

Important-Please read before completing application

- a) All questions on this application must be fully answered
- b) The application must be signed by the property owners or representative with written authorization by the owner
- c) A drawing, photo, plan or sketch of proposed project with dimensions

Have you read and understand the Design Guidelines for the Historic Overlay District of Danville, Virginia? yes

Are you aware of the federal/state tax credits and Real Estate Abatement program available for potential reimbursement/ credit of money used during substantial rehabilitation projects? yes

Would you like more information about these programs? _____

Which one(s)? _____

Property Location: 154 Chestnut St Danville, VA 24541

Name of Applicant: Hope Hampton Titan Solar Power VA Inc.

Applicant's Address: 525 W Baseline Rd Mesa, AZ 85210

Applicant's Phone Number: 480-237-2375 Email Address: gapermitting@titansolarpower.com

Work Proposed (please circle one): Alteration addition/rehabilitation/new construction/sign

Installation of 5.325 kW PV system roof mount

Type of material(s) to be used: LG 355 Panels (15) and Inverter (1)

Signature of Property Owner (if not applicant)

Signature of Applicant

Article 3RC6 Application Submission Requirements: In consideration of a complete application, the Planning Director and the Review Commission may require any or all of the following information and any other materials as may be deemed necessary for its review:

- A. Statement of proposed use and user.
- B. Statement of estimated construction time.
- C. Photographs and maps relating proposed use to the surrounding property and/or the corridor on which it is located.
- D. Site plan drawings, prepared to meet the City site development plan submission requirements for a Preliminary Site Plan or Preliminary Subdivision Plat, and other exhibits showing the location of the existing and proposed building and site improvements, including:
 - (1) Existing property boundaries, building placement and site configuration;
 - (2) Existing topography and proposed grading;
 - (3) Location of parking, pedestrian access, signage, exterior lighting, fencing and other site improvements;
 - (4) Relationship to adjacent land uses;
 - (5) Proposed site improvements, including location of parking, access, signage, exterior lighting, fencing, buildings and structures and other appurtenant elements;
 - (6) Proposed building color and materials;
 - (7) Relationship of building and site elements to existing and planned corridor development;
 - (8) Relationship of parking, pedestrian facilities, and vehicular accessways to existing and planned corridor development; and
 - (9) Other site plans and subdivision plats as may be required by Danville for development approval.
- E. Architectural drawings showing plan view and elevations of new planned construction or renovations, including drawings of original building.
- F. A landscaping and buffer plan.
- G. Designs for exterior signing, lighting and graphics, to include description of materials, colors, placement and means of physical support, lettering style and message to be placed on signs.
- H. Graphic exhibits depicting compliance with other design elements.

Additional Zoning Information: _____

All buildings, structures or improvements located in the Old Westend Historic District and visible from a public right-of-way : be located, constructed, reconstructed, altered, or repaired unless a Certificate of Appropriateness has been issued by the Comm of Architectural Review. The Commission meets once a month on the fourth Thursday of the month at 3:30 P.M. in the fourth City Council Conference Room located in the Municipal Building. All questions or applications should be submitted to the Pl Division, located on the second floor of the Municipal Building, 427 Patton Street, Room 207, Danville, VA 24541; (434)-799 As of July 1, 2018 a \$26.00 fee will be required for each application submitted for review.

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Name of Applicant: Hope Hampton Titan Solar Power VA Inc.

Applicant's Address: 525 W Baseline Rd Mesa, AZ 85210

Applicant's Phone Number: 480-237-2375 Email Address: gapermitting@titansolarpo

Work Proposed (please circle one): Alteration addition/rehabilitation/new construction/sign

Installation of 5.325 kW PV system roof mount

Richard J. Medley
Sign owner
Hope Hampton

Time of material(s) to be used: LG 355 Panels (15) and Inverter (1)

SHEET CATALOG	
INDEX NO.	DESCRIPTION
T-1	COVER PAGE
M-1	MOUNTING DETAIL
M-2	STRUCTURAL DETAIL
E-1	SINGLE LINE DIAGRAM
E-2	THREE LINE DIAGRAM
E-3	STRING WIRING DIAGRAM
PL-1	WARNING PLACARDS
PL-2	SAFETY PLANS-1
PL-3	SAFETY PLANS-2
SS	SPEC SHEET(S)

SCOPE OF WORK

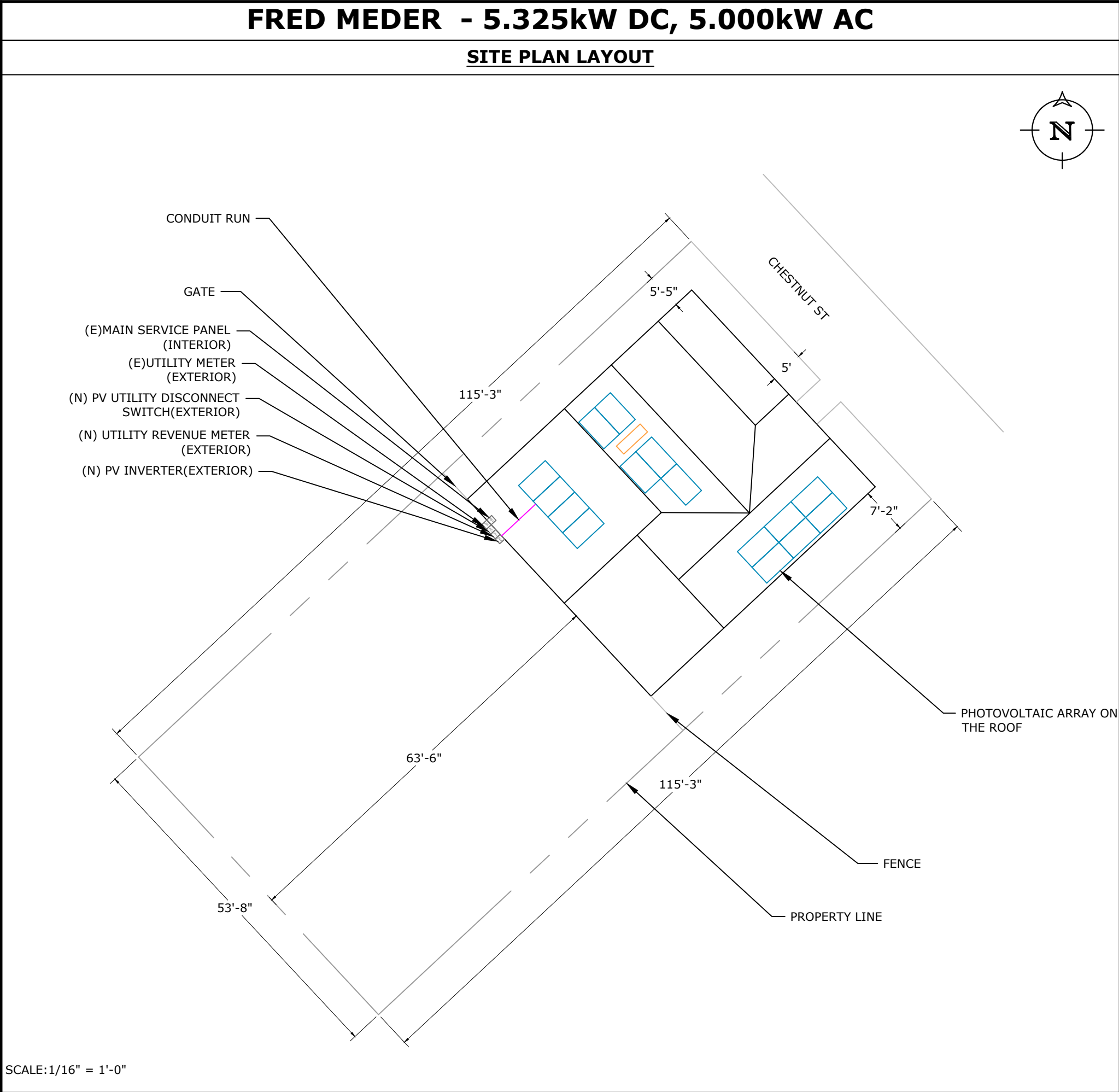
GENERAL SYSTEM INFORMATION:
SYSTEM SIZE:
5325W DC, 5000W AC
MODULES:
(15)LG NEON2BLACK LG 355N1K-B6
INVERTER:
(1)SOLAREEDGE TECHNOLOGIES
SE5000H-US(240V)
OPTIMIZER:
(15)SOLAREEDGE P401 POWER OPTIMIZER

APPLICABLE CODES

- ELECTRIC CODE:NEC 2017
- FIRE CODE:IFC 2015
- BUILDING CODE:IBC 2015
- RESIDENTIAL CODE:IRC 2015

GENERAL NOTES

- 1.MODULES ARE LISTED UNDER UL 1703 AND CONFORM TO THE STANDARDS.
- 2.INVERTERS ARE LISTED UNDER UL 1741 AND CONFORM TO THE STANDARDS.
- 3.DRAWINGS ARE DIAGRAMMATIC, INDICATING GENERAL ARRANGEMENT OF THE PV SYSTEM AND THE ACTUAL SITE CONDITION MIGHT VARY.
- 4.WORKING CLEARANCES AROUND THE NEW PV ELECTRICAL EQUIPMENT WILL BE MAINTAINED IN ACCORDANCE WITH NEC 110.26.
- 5.ALL GROUND WIRING CONNECTED TO THE MAIN SERVICE GROUNDING IN MAIN SERVICE PANEL/ SERVICE EQUIPMENT.
- 6.ALL CONDUCTORS SHALL BE 600V, 75°C STANDARD COPPER UNLESS OTHERWISE NOTED.
- 7.WHEN REQUIRED, A LADDER SHALL BE IN PLACE FOR INSPECTION IN COMPLIANCE WITH OSHA REGULATIONS.
- 8.THE SYSTEM WILL NOT BE INTERCONNECTED BY THE CONTRACTOR UNTIL APPROVAL FROM THE LOCAL JURISDICTION AND/OR THE UTILITY.
- 9.ROOF ACCESS POINT SHALL BE LOCATED IN AREAS THAT DO NOT REQUIRE THE PLACEMENT OF GROUND LADDERS OVER OPENINGS SUCH AS WINDOWS OR DOORS, AND LOCATED AT STRONG POINTS OF BUILDING CONSTRUCTION WHERE THE ACCESS POINT DOES NOT CONFLICT WITH OVERHEAD OBSTRUCTIONS SUCH AS TREES, WIRES OR SIGNS.
- 10.PV ARRAY COMBINER/JUNCTION BOX PROVIDES TRANSITION FROM ARRAY WIRING TO CONDUIT WIRING



VICINITY MAP

ADDRESS: 525W, BASELINE RD
MESA AZ,85210

CUSTOMER INFORMATION

NAME:FRED MEDER

ADDRESS:154 CHESTNUT ST, DANVILLE,
VA 24541

36.580843, -79.397632

AHJ:VA-CITY OF DANVILLE

PRN NUMBER:TPS-26150

COVER PAGE

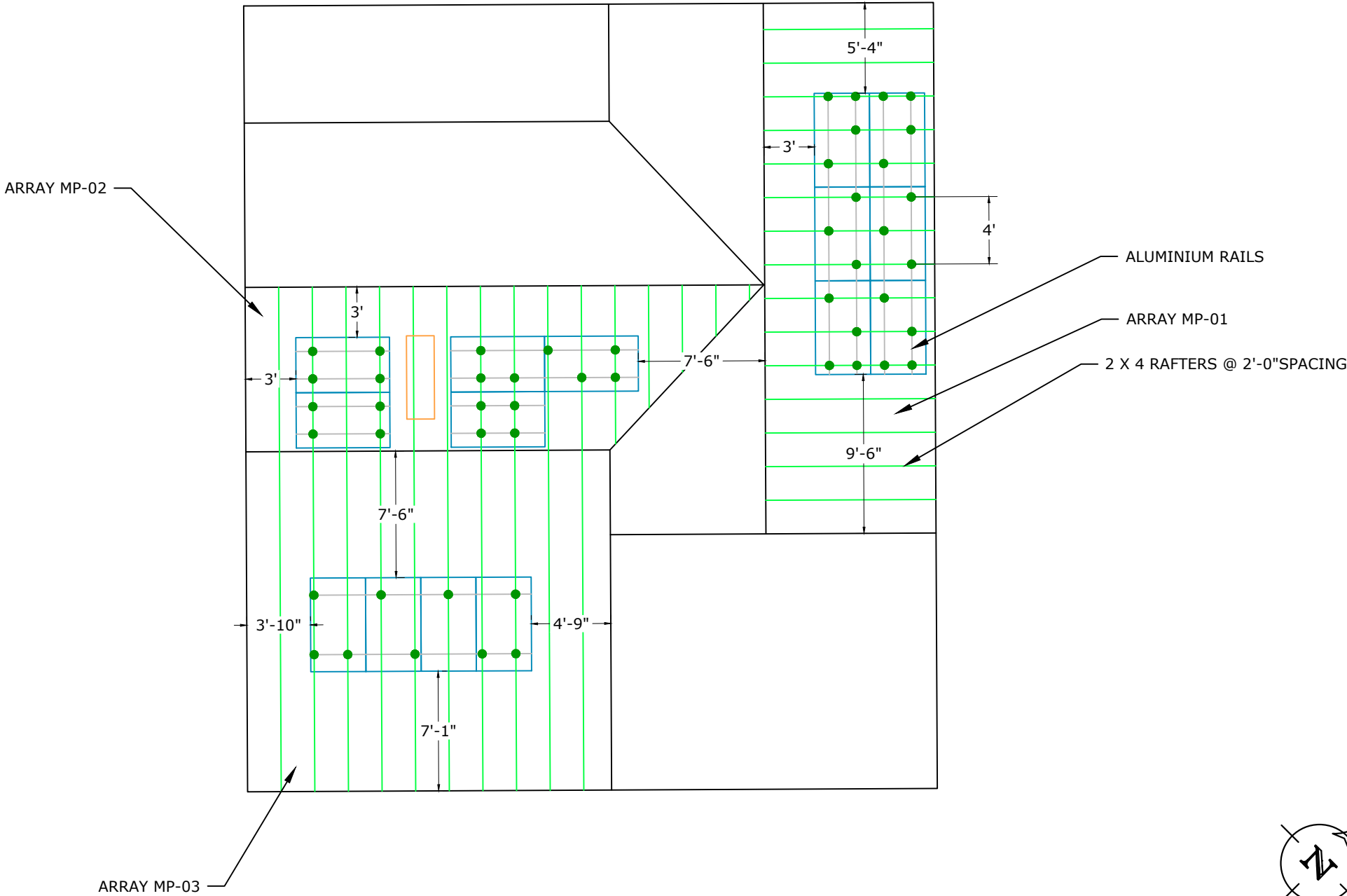
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DATE:5/17/2021	99 of 141

INSTALLATION NOTES

1.STRUCTURAL ROOF MEMBER LOCATIONS ARE ESTIMATED AND SHOULD BE LOCATED AND VERIFIED BY THE CONTRACTOR WHEN LAG BOLT PENETRATION OR MECHANICAL ATTACHMENT TO THE STRUCTURE IS REQUIRED.
2.ROOFTOP PENETRATIONS FOR SOLAR RACKING WILL BE COMPLETED AND SEALED WITH APPROVED SEALANT PER CODE BY A LICENSED CONTRACTOR.
3.LAGS MUST HAVE A MINIMUM 2.5" THREAD EMBEDMENT INTO THE STRUCTURAL MEMBER.
4.ALL PV RACKING ATTACHMENTS SHALL BE STAGGERED BY ROW BETWEEN THE ROOF FRAMING MEMBERS AS NECESSARY.
5.ROOF MOUNTED STANDARD RAIL REQUIRES ONE THERMAL EXPANSION GAP FOR EVERY RUN OF RAIL GREATER THAN 40'.
6.ALL CONDUCTORS AND CONDUITS ON THE ROOF SHALL BE MINIMUM 2.5" ABOVE THE ROOF SURFACE (INCLUDING CABLES UNDERNEATH MODULES AND RACKING).
7.THE PV INSTALLATION SHALL NOT OBSTRUCT ANY PLUMBING, MECHANICAL OR BUILDING ROOF VENTS.

SITE INFORMATION - WIND SPEED: 110 MPH AND SNOW LOAD: 20 PSF												
SR. NO	AZIMUTH	PITCH	NO. OF MODULES	ARRAY AREA (SQ. FT.)	ROOF TYPE	ATTACHMENT	ROOF EXPOSURE	FRAME TYPE	FRAME SIZE	FRAME SPACING	MAX RAIL SPAN	OVER HANG
MP-01	138°	45°	6	117.0	METAL ROOF	Z-BRACKET	ATTIC	RAFTERS	2 X 4	2'-0"	4'-0"	1'-6"
MP-02	228°	45°	5	97.5	METAL ROOF	Z-BRACKET	ATTIC	RAFTERS	2 X 4	2'-0"	4'-0"	1'-6"
MP-03	228°	22°	4	78.0	METAL ROOF	Z-BRACKET	ATTIC	RAFTERS	2 X 4	2'-0"	4'-0"	1'-6"

NOTE: PENETRATIONS ARE STAGGERED



SCALE: 3/16"=1'-0"

AERIAL VIEW





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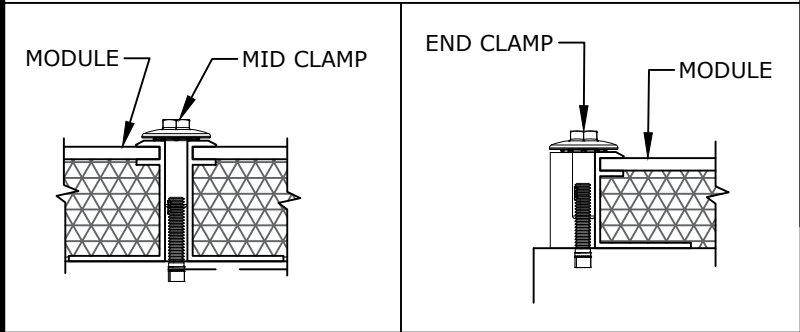
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Because quality matters

MOUNTING DETAIL

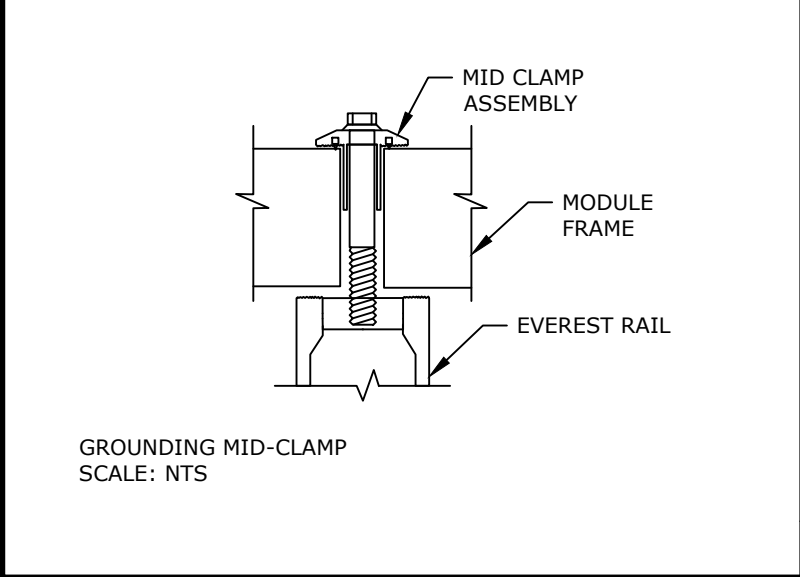
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DATE:5/17/2021	100 of 141

DEAD LOAD CALCULATIONS			
BOM	QUANTITY	LBS/UNIT	TOTAL WEIGHT (LBS)
MODULES	15	41	615.00
MID-CLAMP	16	0.300	4.80
END-CLAMP	28	0.310	8.68
RAIL LENGTH	125	0.560	70.00
SPLICE BAR	8	0.650	5.20
Z-BRACKET	50	0.59	29.50
TOTAL WEIGHT OF THE SYSTEM (LBS)			733.18
TOTAL ARRAY AREA ON THE ROOF (SQ. FT.)			292.55
WEIGHT PER SQ. FT.(LBS)			2.51
WEIGHT PER PENETRATION (LBS)			14.66

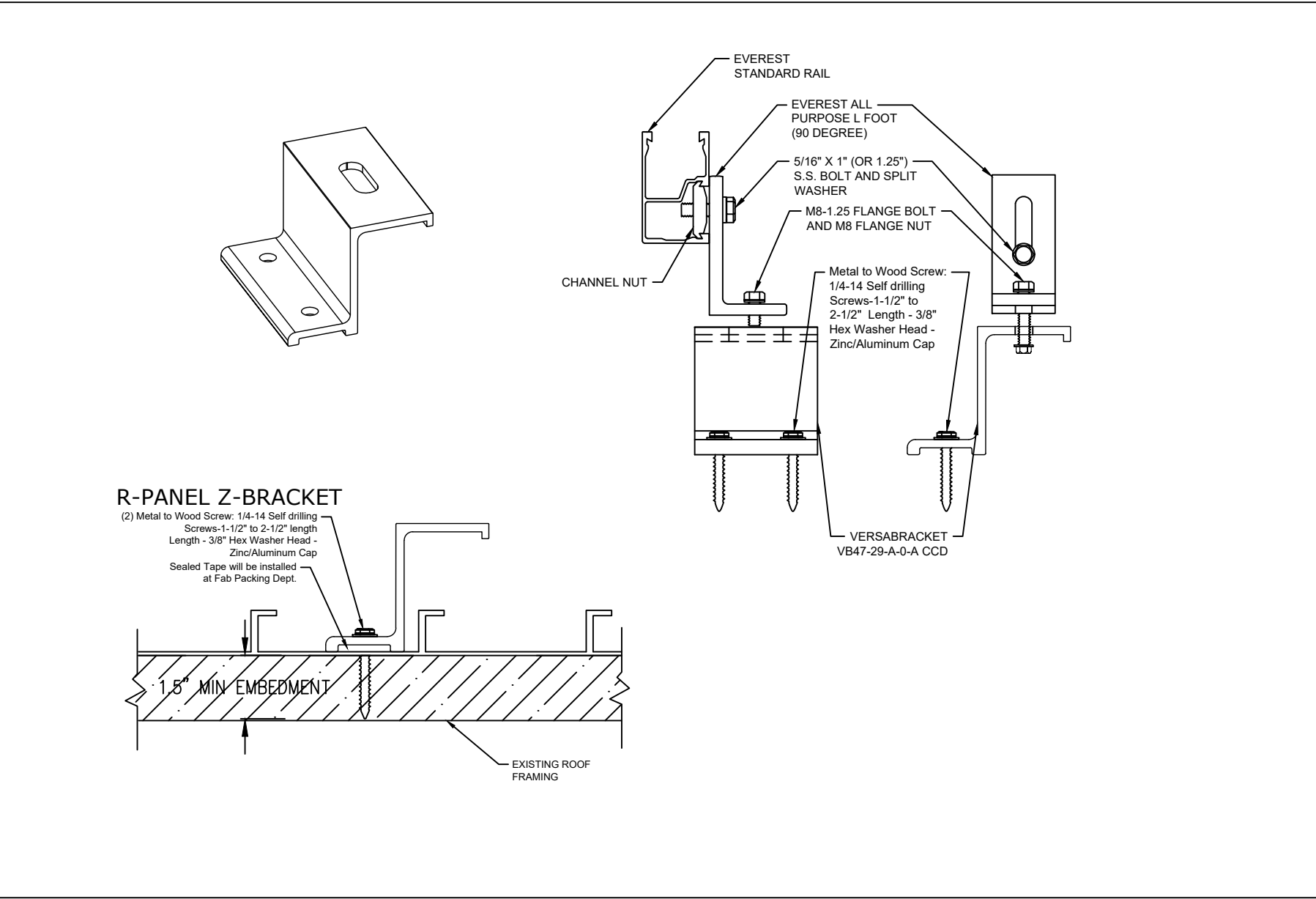
MID-CLAMP AND END-CLAMP ANATOMY



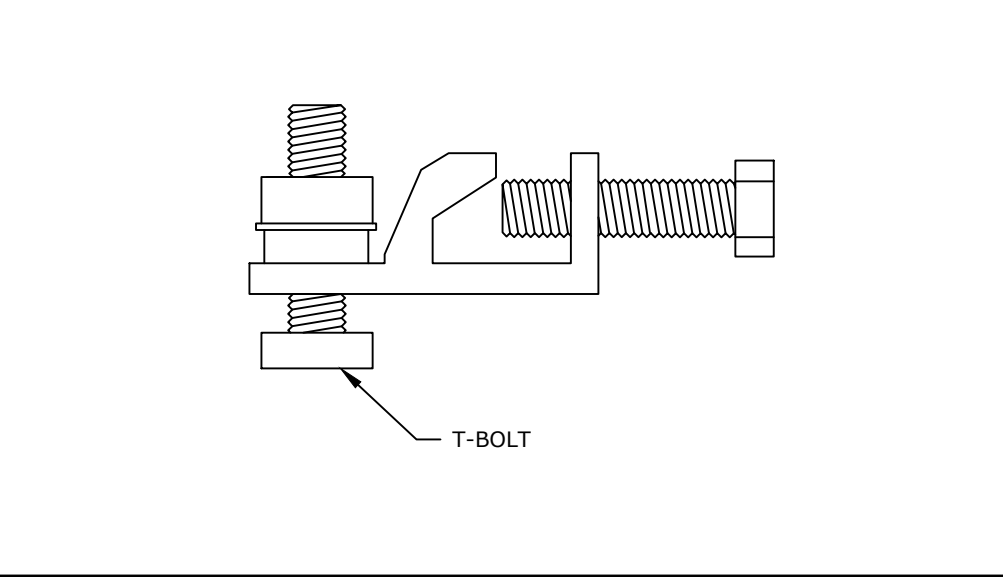
MODULE TO MODULE & MODULE TO RAIL



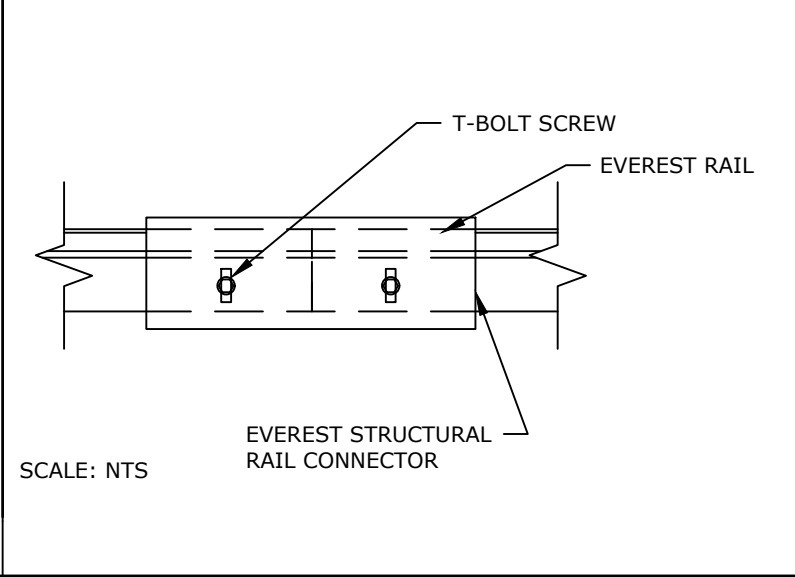
ATTACHMENT DETAIL- R-PANEL Z-BRACKET



GROUNDING LUG



RAIL TO RAIL



MODULES DATA

LG NEON2BLACK LG 355N1K-B6	
MODULE DIMS	68.5"x41"x1.57"
LAG SCREWS	5/16"x3.5":2.5"MIN EMBEDMENT

UPLIFT CALCULATIONS

UPLIFT	8776.6	LBS
PULL OUT STRENGTH	30750	LBS
POINT LOADING	12	LBS

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Because quality matters

STRUCTURAL DETAIL

DESIGNER /CHECKED BY: SB/PM	PAPER SIZE:17"X11"
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SINGLE LINE DIAGRAM: DC SYSTEM SIZE - 5325W, AC SYSTEM SIZE - 5000W									
INVERTER-1 SPECIFICATIONS		MODULE SPECIFICATION		OPTIMIZER CHARACTERISTICS		SYSTEM CHARACTERISTICS			
MODEL	SOLAREEDGE TECHNOLOGIES SE5000H-US(240V)	MODEL	LG NEON2BLACK LG 355N1K-B6	MODEL	P401	DC SYSTEM SIZE	5325 W		
POWER RATING	5000W	MODULE POWER @ STC	355W	MIN INPUT VOLTAGE	8 VDC	INVERTER STRING VOLTAGE: Vmp	380V		
MAX OUTPUT CURRENT	21A	OPEN CIRCUIT VOLTAGE: Voc	41.5V	MAX INPUT VOLTAGE	60 VDC	MAX INVERTER SYSTEM VOLTAGE: Voc	480V		
CEC WEIGHTED EFFICIENCY	99%	MAX POWER VOLTAGE: Vmp	35V	MAX INPUT CURRENT	11.75 ADC	MAX SHORT CIRCUIT CURRENT	15A		
MAX INPUT CURRENT	13.5A	SHORT CIRCUIT VOLTAGE: Isc	10.72A	MAX OUTPUT CURRENT	15 ADC	OPERATING CURRENT	14.01A		
MAX DC VOLTAGE	480V	MAX POWER CURRENT: Imp	10.15A						

ELECTRICAL NOTES

1.CONDUCTORS EXPOSED TO SUNLIGHT SHALL BE LISTED AS SUNLIGHT RESISTANT PER NEC 310.10(D).

2.CONDUCTORS EXPOSED TO WET LOCATIONS SHALL BE SUITABLE FOR USE IN WET LOCATIONS PER NEC 310.10(C).

3.MAXIMUM DC/AC VOLTAGE DROP SHALL BE NO MORE THAN 2%.

4.ALL CONDUCTORS SHALL BE IN CONDUIT UNLESS OTHERWISE NOTED.

5.BREAKER/FUSE SIZES CONFORMS TO NEC 240.6 CODE SECTION.

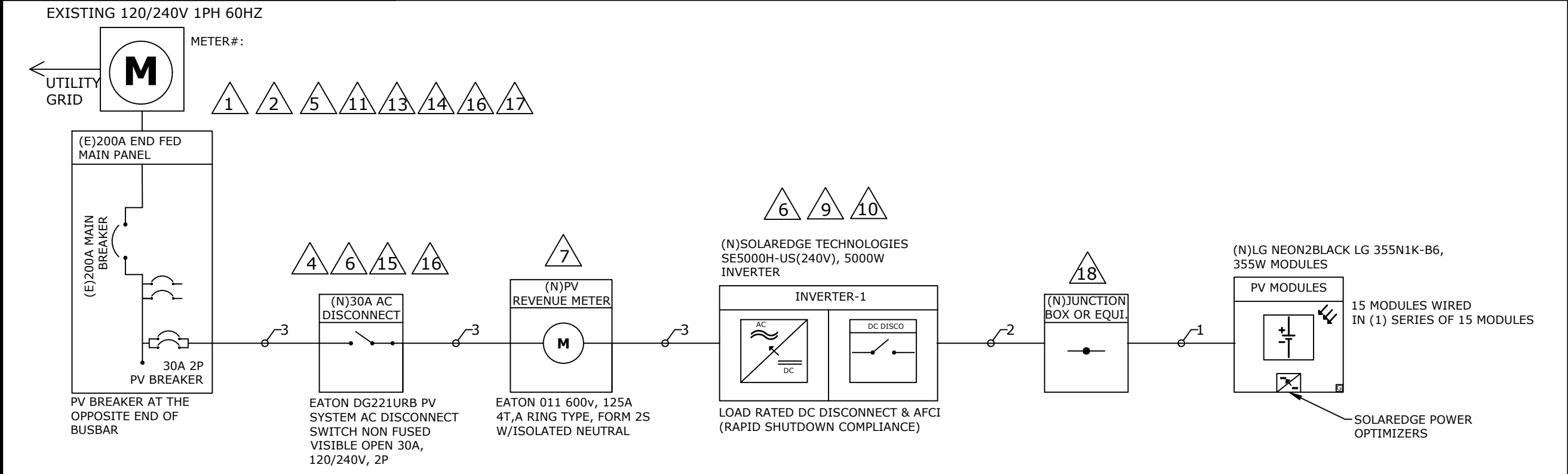
6.AC GROUNDING ELECTRODE CONDUCTOR SIZED PER NEC 250.66.

7.AMBIENT TEMPERATURE CORRECTION FACTOR IS BASED ON NEC 690.31(C).

8.AMBIENT TEMPERATURE ADJUSTMENT FACTOR IS BASED ON NEC 310.15(B)(2).

9.MAX. SYSTEM VOLTAGE CORRECTION IS PER NEC 690.7.

10.CONDUCTORS ARE SIZED PER WIRE AMPACITY TABLE NEC 310.15(B)(16).



CONDUIT SCHEDULE					NOTE: MAIN PANEL RATING:200A, MAIN BREAKER RATING:200A 120% RULE: (200AX1.2)-200A=40A =>ALLOWABLE BACKFEED IS 40A OCPD CALCULATIONS: INVERTER OVERCURRENT PROTECTION= INVERTER O/P I X CONTINUOUS LOAD(1.25) =21x1.25=26.25A=>PV BREAKER = 30A ALLOWABLE BACKFEED 40A =>30A PV BREAKER THE DESIGNED INTERCONNECTION MEETS THE 705.12(B)(2) REQUIREMENTS.
TAG ID	CONDUIT SIZE	CONDUCTOR	NEUTRAL	GROUND	
1	NONE	(2) 10AWG PV WIRE	NONE	(1) 10 AWG BARE COPPER	
2	3/4"EMT OR EQUIV	(2) 10AWG THHN/THWN-2	NONE	(1) 10 AWG THHN/THWN-2	
3	3/4"EMT OR EQUIV	(2) 8 AWG THHN/THWN-2	(1) 8 AWG THHN/THWN-2	(1) 10 AWG THHN/THWN-2	

ELECTRICAL CALCULATIONS																																
DC WIRE SIZING CALCULATIONS BASED OF FOLLOWING EQUATIONS>> •REQUIRED CONDUCTOR AMPACITY: 125% PER 690.8(A)(1) X Isc(A) X #OF PARALLEL STRINGS = MAX CURRENT PER 690.8(A)(1) X 125% PER 690.8(B)(2)(a)=MAX CURRENT PER 690.8(B)(2)(a) •CORRECTED AMPACITY CALCULATIONS:AMPACITY X TEMPERATURE DERATE FACTOR X CONDUIT FILL DERATE = DERATED CONDUCTOR AMPACITY •DERATED CONDUCTOR AMPACITY CHECK: MAX CURRENT PER 690.8(B)(2)(2) < DERATED CONDUCTOR AMPACITY AC WIRE SIZING CALCULATIONS BASED OF FOLLOWING EQUATIONS >> •REQUIRED CONDUCTOR AMPACITY: INVERTER OUTPUT CURRENT X #OF INVERTERSXMAX CURRENT PER 690.8(A)(3)X125% PER 690.8(B)(2)(A) •CORRECTED AMPACITY CALCULATIONS:AMPACITY X TEMPERATURE DERATE FACTOR X CONDUIT FILL DERATE = DERATED CONDUCTOR AMPACITY •DERATED CONDUCTOR AMPACITY CHECK: MAX CURRENT PER 690.8(B)(2)(2) < DERATED CONDUCTOR AMPACITY											DC WIRE CALCULATIONS:- MATERIAL:COPPER & TEMPERATURE RATING:90°C																					
											TAG ID		REQUIRED CONDUCTOR AMPACITY								CORRECTED AMPACITY CALCULATION						DERATED CONDUCTOR AMPACITY CHECK					
											1	1	X	15	X	1	=	15	X	1.25	=	18.75A	40	X	0.71	X	0.8	=	22.72A	18.75A	<	22.72A
											2	1	X	15	X	1	=	15	X	1.25	=	18.75A	40	X	0.71	X	0.8	=	22.72A	18.75A	<	22.72A
AC WIRE CALCULATIONS:- MATERIAL:COPPER & TEMPERATURE RATING:90°C																																
TAG ID		REQUIRED CONDUCTOR AMPACITY								CORRECTED AMPACITY CALCULATION						DERATED CONDUCTOR AMPACITY CHECK																
3	21	X	1	=	21	X	1.25	=	26.25A	55	X	0.87	X	1	=	47.85A	26.25A	<	47.85A													

DC WIRE SIZING CALCULATIONS BASED OF FOLLOWING EQUATIONS>>

- REQUIRED CONDUCTOR AMPACITY: 125% PER 690.8(A)(1) X Isc(A) X #OF PARALLEL STRINGS = MAX CURRENT PER 690.8(A)(1) X 125% PER 690.8(B)(2)(a)=MAX CURRENT PER 690.8(B)(2)(a)
- CORRECTED AMPACITY CALCULATIONS:AMPACITY X TEMPERATURE DERATE FACTOR X CONDUIT FILL DERATE = DERATED CONDUCTOR AMPACITY
- DERATED CONDUCTOR AMPACITY CHECK: MAX CURRENT PER 690.8(B)(2)(2) < DERATED CONDUCTOR AMPACITY

AC WIRE SIZING CALCULATIONS BASED OF FOLLOWING EQUATIONS >>

- REQUIRED CONDUCTOR AMPACITY: INVERTER OUTPUT CURRENT X #OF INVERTERSXMAX CURRENT PER 690.8(A)(3)X125% PER 690.8(B)(2)(A)
- CORRECTED AMPACITY CALCULATIONS:AMPACITY X TEMPERATURE DERATE FACTOR X CONDUIT FILL DERATE = DERATED CONDUCTOR AMPACITY
- DERATED CONDUCTOR AMPACITY CHECK: MAX CURRENT PER 690.8(B)(2)(2) < DERATED CONDUCTOR AMPACITY



ADDRESS: 525W, BASELINE RD
MESA AZ,85210

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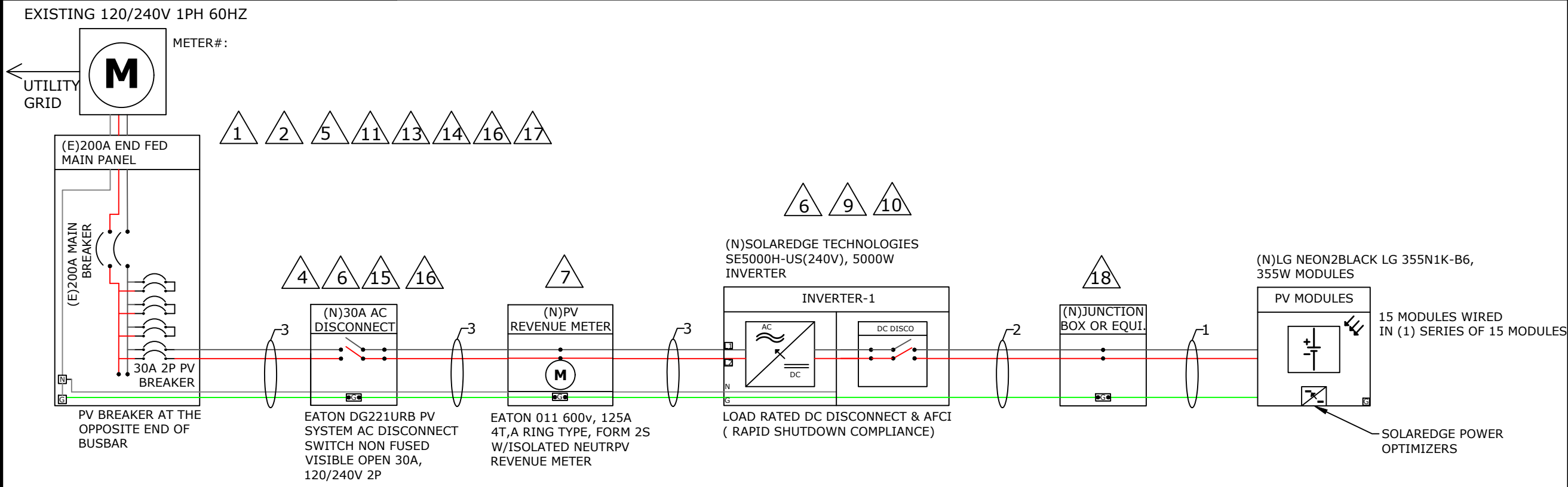
PRN NUMBER:TPS-26150



SINGLE LINE DIAGRAM

DESIGNER /CHECKED BY: SB/PM	PAPER SIZE:17"X11"
SCALE:AS NOTED	REV:A
DATE:5/17/2021	102 of 141

THREE LINE DIAGRAM: DC SYSTEM SIZE - 5325W, AC SYSTEM SIZE - 5000W									
INVERTER-1 SPECIFICATIONS		MODULE SPECIFICATION		OPTIMIZER CHARACTERISTICS		SYSTEM CHARACTERISTICS			
MODEL	SOLAREEDGE TECHNOLOGIES SE5000H-US(240V)	MODEL	LG NEON2BLACK LG 355N1K-B6	MODEL	P401	DC SYSTEM SIZE	5325 W		
POWER RATING	5000W	MODULE POWER @ STC	355W	MIN INPUT VOLTAGE	8 VDC	INVERTER STRING VOLTAGE: Vmp	380V		
MAX OUTPUT CURRENT	21A	OPEN CIRCUIT VOLTAGE: Voc	41.5V	MAX INPUT VOLTAGE	60 VDC	MAX INVERTER SYSTEM VOLTAGE: Voc	480V		
CEC WEIGHTED EFFICIENCY	99%	MAX POWER VOLTAGE: Vmp	35V	MAX INPUT CURRENT	11.75 ADC	MAX SHORT CIRCUIT CURRENT	15A		
MAX INPUT CURRENT	13.5A	SHORT CIRCUIT VOLTAGE: Isc	10.72A	MAX OUTPUT CURRENT	15 ADC	OPERATING CURRENT	14.01A		
MAX DC VOLTAGE	480V	MAX POWER CURRENT: Imp	10.15A						



CONDUIT SCHEDULE					NOTE: MAIN PANEL RATING:200A, MAIN BREAKER RATING:200A 120% RULE: (200AX1.2)-200A=40A =>ALLOWABLE BACKFEED IS 40A OC PD CALCULATIONS: INVERTER OVERCURRENT PROTECTION= INVERTER O/P I X CONTINUOUS LOAD(1.25) =21x1.25=26.25A=>PV BREAKER = 30A ALLOWABLE BACKFEED 40A =>30A PV BREAKER THE DESIGNED INTERCONNECTION MEETS THE 705.12(B)(2) REQUIREMENTS.
TAG ID	CONDUIT SIZE	CONDUCTOR	NEUTRAL	GROUND	
1	NONE	(2) 10AWG PV WIRE	NONE	(1) 10 AWG BARE COPPER	
2	3/4"EMT OR EQUIV	(2) 10AWG THHN/THWN-2	NONE	(1) 10 AWG THHN/THWN-2	
3	3/4"EMT OR EQUIV	(2) 8 AWG THHN/THWN-2	(1) 8 AWG THHN/THWN-2	(1) 10 AWG THHN/THWN-2	

ELECTRICAL CALCULATIONS									
DC WIRE SIZING CALCULATIONS BASED OF FOLLOWING EQUATIONS>> •REQUIRED CONDUCTOR AMPACITY: 125% PER 690.8(A)(1) X Isc(A) X #OF PARALLEL STRINGS = MAX CURRENT PER 690.8(A)(1) X 125% PER 690.8(B)(2)(a)=MAX CURRENT PER 690.8(B)(2)(a) •CORRECTED AMPACITY CALCULATIONS:AMPACITY X TEMPERATURE DERATE FACTOR X CONDUIT FILL DERATE = DERATED CONDUCTOR AMPACITY •DERATED CONDUCTOR AMPACITY CHECK: MAX CURRENT PER 690.8(B)(2)(2) < DERATED CONDUCTOR AMPACITY AC WIRE SIZING CALCULATIONS BASED OF FOLLOWING EQUATIONS >> •REQUIRED CONDUCTOR AMPACITY: INVERTER OUTPUT CURRENT X #OF INVERTERSXMAX CURRENT PER 690.8(A)(3)X125% PER 690.8(B)(2)(A) •CORRECTED AMPACITY CALCULATIONS:AMPACITY X TEMPERATURE DERATE FACTOR X CONDUIT FILL DERATE = DERATED CONDUCTOR AMPACITY •DERATED CONDUCTOR AMPACITY CHECK: MAX CURRENT PER 690.8(B)(2)(2) < DERATED CONDUCTOR AMPACITY									
DC WIRE CALCULATIONS:- MATERIAL:COPPER & TEMPERATURE RATING:90°C									
TAG ID	REQUIRED CONDUCTOR AMPACITY								CORRECTED AMPACITY CALCULATION
1	1	X	15	X	1	=	15	X	1.25 = 18.75A
2	1	X	15	X	1	=	15	X	1.25 = 18.75A
AC WIRE CALCULATIONS:- MATERIAL:COPPER & TEMPERATURE RATING:90°C									
TAG ID	REQUIRED CONDUCTOR AMPACITY								CORRECTED AMPACITY CALCULATION
3	21	X	1	=	21	X	1.25 =	26.25A	55 X 0.87 X 1 = 47.85A

ELECTRICAL NOTES

- 1.CONDUCTORS EXPOSED TO SUNLIGHT SHALL BE LISTED AS SUNLIGHT RESISTANT PER NEC 310.10(D).
- 2.CONDUCTORS EXPOSED TO WET LOCATIONS SHALL BE SUITABLE FOR USE IN WET LOCATIONS PER NEC 310.10(C).
- 3.MAXIMUM DC/AC VOLTAGE DROP SHALL BE NO MORE THAN 2%.
- 4.ALL CONDUCTORS SHALL BE IN CONDUIT UNLESS OTHERWISE NOTED.
- 5.BREAKER/FUSE SIZES CONFORMS TO NEC 240.6 CODE SECTION.
- 6.AC GROUNDING ELECTRODE CONDUCTOR SIZED PER NEC 250.66.
- 7.AMBIENT TEMPERATURE CORRECTION FACTOR IS BASED ON NEC 690.31(C).
- 8.AMBIENT TEMPERATURE ADJUSTMENT FACTOR IS BASED ON NEC 310.15(B)(2).
- 9.MAX. SYSTEM VOLTAGE CORRECTION IS PER NEC 690.7.
- 10.CONDUCTORS ARE SIZED PER WIRE AMPACITY TABLE NEC 310.15(B)(16).

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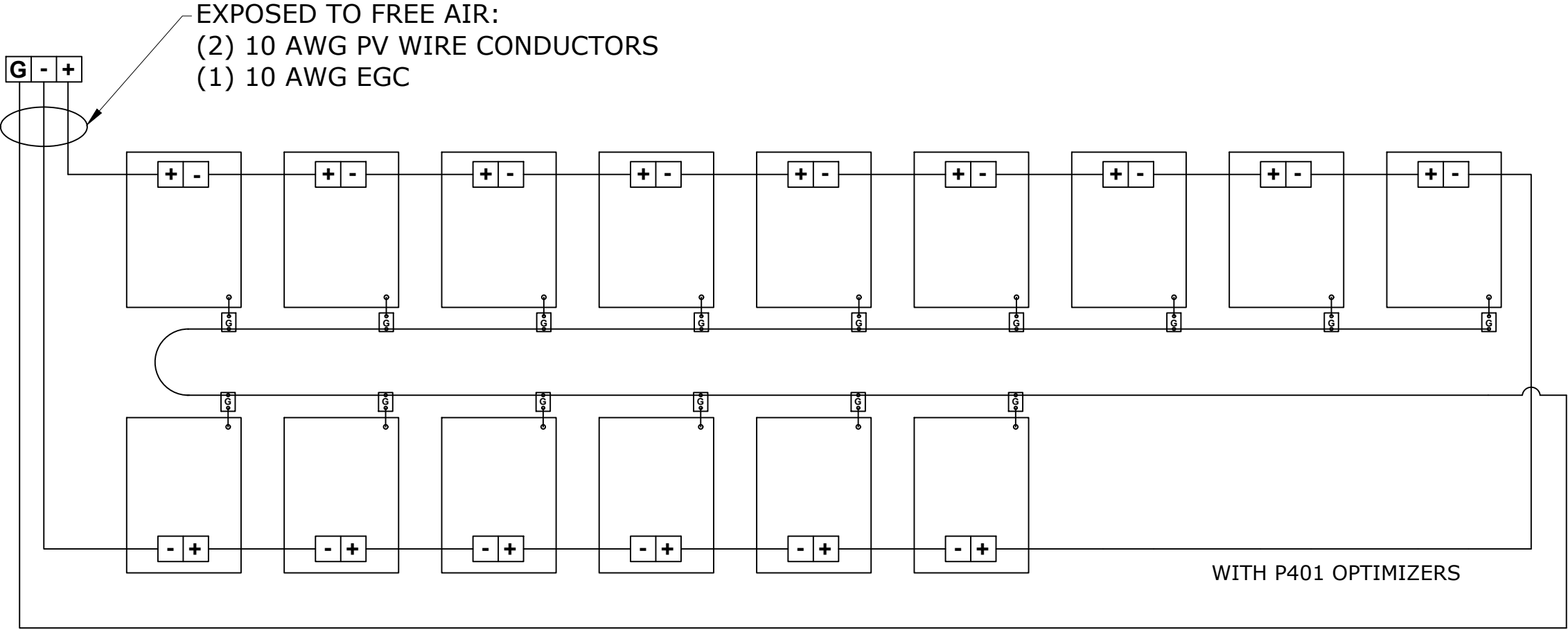
Because quality matters

THREE LINE DIAGRAM

DESIGNER /CHECKED BY: SB/PM	PAPER SIZE:17"X11"
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STRING WIRING DIAGRAM

1 STRING OF 15 MODULES



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STRING WIRING DIAGRAM

DESIGNER /CHECKED BY: SB/PM	PAPER SIZE:17"X11"
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WARNING PLACARD

1

**CAUTION**

PHOTOVOLTAIC SYSTEM CIRCUIT IS BACKFED

LABEL LOCATION
BACKFED BREAKER [PER CODE: NEC 705.12(4)]

2

**WARNING**

INVERTER OUTPUT CONNECTION:
DO NOT RELOCATE THIS
OVERCURRENT DEVICE

LABEL LOCATION: BACKFED BREAKER
[PER CODE: 2017 NEC 705.12(2)(3)(b)]

3

WARNING

A GENERATION SOURCE IS CONNECTED TO THE SUPPLY
(UTILITY) SIDE OF THE MAIN SERVICE DISCONNECT. FOLLOW
THE PROPER LOCK-OUT/TAG-OUT PROCEDURES TO ENSURE
THE PHOTOVOLTAIC SYSTEM UTILITY DISCONNECT SWITCH IS
OPENED PRIOR TO PERFORMING WORK ON THIS DEVICE

LABEL LOCATION: (IF APPLICABLE) SUPPLY SIDE TAP LOAD PANEL
[PER CODE: UTILITY]

4

PHOTOVOLTAIC AC DISCONNECT

RATED AC OPERATING CURRENT **21.00 A**
AC NOMINAL OPERATING VOLTAGE **240 VAC**

LABEL LOCATION: MAIN PANEL AC DISCONNECT(S)
[PER CODE: NEC 690.54]

5

**RAPID SHUTDOWN SWITCH
FOR SOLAR PV SYSTEM**

LABEL LOCATION: MAIN PANEL
[PER CODE: NEC 690.12,690.56(C)(3)]

6

**WARNING**

ELECTRIC SHOCK HAZARD

TERMINALS ON BOTH LINE AND LOAD SIDES MAY
BE ENERGIZED IN THE OPEN POSITION

LABEL LOCATION: COMBINER PANEL
AC DISCONNECT JUNCTION BOX INVERTER(S)
[PER CODE: NEC 690.13(B)]

7

**PHOTOVOLTAIC
SYSTEM METER**

LABEL LOCATION: DEDICATED KWH METER
[PER CODE: NEC 690.4(B) UTILITY]

8

**WARNING**

PHOTOVOLTAIC SYSTEM
COMBINER PANEL

DO NOT ADD LOADS

LABEL LOCATION: AC COMBINER PANEL
[PER CODE: NEC 690.13(B)]

9

MAXIMUM VOLTAGE: **480 VDC**
MAXIMUM CIRCUIT CURRENT: **15 ADC**
MAX. RATED OUTPUT CURRENT OF THE
CHARGE CONTROLLER OR
DC-TO-DC-CONVERTER (IF
INSTALLED) **15 ADC**

LABEL LOCATION: DC DISCONNECT INVERTER
[PER CODE: NEC 690.53 UTILITY]

10

**WARNING**

ELECTRIC SHOCK HAZARD
DO NOT TOUCH TERMINALS
TERMINALS ON BOTH LINE AND LOAD SIDES MAY
BE ENERGIZED IN THE OPEN POSITION

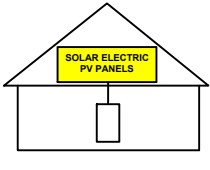
DC VOLTAGE IS ALWAYS PRESENT WHEN SOLAR
MODULES ARE EXPOSED TO SUNLIGHT

LABEL LOCATION
DC DISCONNECT INVERTER, COMBINE BOX
[PER CODE: NEC 690.13(B)]

11

**SOLAR PV SYSTEM EQUIPPED
WITH RAPID SHUTDOWN**

TURN RAPID SHUTDOWN
SWITCH TO THE
"OFF" POSITION TO
SHUT DOWN PV SYSTEM
AND REDUCE
SHOCK HAZARD
IN THE ARRAY



LABEL LOCATION: MAIN SERVICE
[PER CODE: NEC 690.12, NEC 690.56(C)(1)(a)]

13

**CAUTION**

DUAL POWER SOURCE
SECOND SOURCE IS
PHOTOVOLTAIC

LABEL LOCATION :SERVICE METER MAIN PANEL
[PER CODE: UTILITY]

14

**WARNING**

INVERTER OUTPUT CONNECTION

DO NOT RELOCATE THIS
OVER-CURRENT DEVICE

LABEL LOCATION : (IF APPLICABLE) SERVICE PANEL
[PER CODE: NEC 705.12(D)(7)]

15

PHOTOVOLTAIC SYSTEM
UTLITY DISCONNECT SWITCH

LABEL LOCATION :AC DISCONNECT
[PER CODE: NEC 690.13(B)UTILITY]

16

**ELECTRIC SHOCK HAZARD**

IF GROUND FAULT IS INDICATED ALL NORMALLY
GROUNDED CONDUCTORS MAY BE UNGROUNDED
AND ENERGIZED

LABEL LOCATION
AC DISCONNECT COMBINER BOX SERVICE METER
[PER CODE: NEC 690.5(C)]

17

PV SOLAR BREAKER

DO NOT RELOCATE THIS
OVERCURRENT DEVICE

LABEL LOCATION
MAIN PANEL DEAD FRONT
[PER CODE: NEC 705.12(B)(2)(3)(b)]

18

WARNING PHOTOVOLTAIC POWER SOURCE

LABEL LOCATION
DC CONDUIT JUNCTION BOX NO MORE THAN 10FT
[PER CODE: NEC 690.13(G).NEC 690.31(G)(4)]



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WARNING PLACARDS

DESIGNER /CHECKED
BY: SB/PM

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SCALE:AS NOTED

REV:A

DATE:5/17/2021

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REFLECTIVE AND WEATHER RESISTANCE LABEL REQUIRES CAPITALIZED LETTERS WITH A MINIMUM HEIGHT OF 3/8INCH, WHITE LETTERS ON RED BACKGROUND LABELS SHALL BE PLACED ON INTERIOR AND EXTERIOR DCCONDUIT, RACEWAYS, ENCLOSURE, AND CABLE ASSEMBLIES EVERY 10 FEET, WITHIN 1 FOOT OF TURNS OR BENDSAND WITHIN 1 FOOT ABOVE AND BELOW PENETRATIONS OF ROOF/ CEILING ASSEMBLIES, WALLS OR BARRIERS.

SAFETY PLANS

SAFETY PLANS

- NOTES:
- 1. INSTALLERS SHALL DRAW IN DESIGNATED SAFETY AREA AROUND HOME.
 - 2. INSTALLERS SHALL UPDATE NAME ADDRESS AND PHONE NUMBER OF NEAREST.
 - 3. URGENT CARE FACILITY RELATIVE TO THE SITE BEFORE STARTING WORK.

LOCATION OF NEAREST URGENT CARE FACILITY

NAME:
ADDRESS:
PHONE NUMBER:

SOLAR PV ARRAY WITH
OPTIMIZERS ROOF MOUNTED

MAIN SERVICE PANEL(INTERIOR)

UTILITY METER(EXTERIOR)

UTILITY DISCONNECT(EXTERIOR)

UTILITY REVENUE METER (EXTERIOR)

PV INVERTER WITH INTEGRATED DC DISCONNECT(EXTERIOR)

154 CHESTNUT ST, DANVILLE, VA 24541



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SAFETY PLANS-1

DESIGNER /CHECKED BY: SB/PM	PAPER SIZE:17"X11"
SCALE:AS NOTED	REV:A
DATE:5/17/2021	106 of 112

SAFETY PLANS	
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SAFETY PLANS

NOTES:

1. INSTALLERS SHALL DRAW IN DESIGNATED SAFETY AREA AROUND HOME.
2. INSTALLERS SHALL UPDATE NAME ADDRESS AND PHONE NUMBER OF NEAREST.
3. URGENT CARE FACILITY RELATIVE TO THE SITE BEFORE STARTING WORK.

LOCATION OF NEAREST URGENT CARE FACILITY

NAME:
ADDRESS:
PHONE NUMBER:

PERSONS COVERED BY THIS JOB SAFETY PLAN

INJURED AT WORK TODAY? INITIAL YES OR NO

PRINT NAME	INITIAL	YES	NO

UNDERGROUND DIG REQUIRED?

YES _____ PERMIT # _____

1. INSTALLERS SHALL DRAW IN DESIGNATED SAFETY AREA AROUND HOME.
2. INSTALLERS SHALL UPDATE NAME ADDRESS AND PHONE NUMBER OF NEAREST.
3. URGENT CARE FACILITY RELATIVE TO THE SITE BEFORE STARTING WORK.

NAME:
ADDRESS:
PHONE NUMBER:

PERSONS COVERED BY THIS JOB SAFETY PLAN

INJURED AT WORK TODAY?

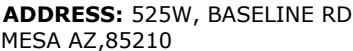
INITIAL YES OR NO

PRINT NAME	INITIAL	YES	NO

UNDERGROUND DIG REQUIRED?

YES _____ PERMIT # _____

UNDERGROUND DIG REQUIRED?
YES _____ PERMIT # _____



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SAFETY PLANS-2

DESIGNER /CHECKED BY: SB/PM PAPER SIZE:17"X11'

SCALE:AS NOTED | REV:A

DATE:5/17/2021 | 107 of 141-3

LG NeON[®]2 Black

The LG NeON[®] 2 Black is one of the most powerful and versatile modules on the market today, combining LG's Cello technology and monocrystalline N-type solar cells with a stunning black design. The LG NeON[®] 2 Black includes a 25-year product and 90.1% performance warranty for higher performance and reliability.

LG355N1K-B6

FEATURES

- 90.1%

in year 25

Enhanced Performance Warranty

LG NeON[®]2 Black comes with an enhanced performance warranty. After 25 years of use, the LG NeON[®]2 Black is guaranteed to provide at least 90.1% of initial performance.
- 25

YEARS WARRANTY

Industry-Leading Product Warranty

LG offers an industry-leading 25 year product warranty on the NeON[®]2 Black.
- Reliable Quality**

LG NeON[®]2 Black offers reliable and proven quality through rigorous testing.
- Sleek Rooftop Design**

The LG NeON[®]2 Black is designed to make the entire module look black, providing a sleek, modern design that blends in seamlessly with the rooftop.



60cell

About LG Electronics
LG is transforming today's solar landscape, offering high-efficiency solar panels for customers who demand high performance, reliability and consistently strong energy yield from a brand they can trust. LG's modules feature high power outputs, outstanding durability, appealing aesthetics and high-efficiency technology.



LG NeON[®]2 Black

Preliminary

LG355N1K-B6

General Data

Cell Properties (Material / Type)	Monocrystalline / N-type
Cell Maker	LG
Cell Configuration	60 Cells (6 x 10)
Number of Busbars	12 EA
Module Dimensions (L x W x H)	1,740 x 1,042 x 40mm
Weight	18.6 kg
Glass (Material)	Tempered Glass with AR coating
Backsheet (Color)	Black
Frame (Material)	Anodized Aluminium
Junction Box (Protection Degree)	IP 68 with 3 Bypass Diodes
Cables (Length)	1,100 mm x 2 EA
Connector (Type / Maker)	MC4 / MC

Certifications and Warranty

Certifications	IEC 61215-1 / -1-1 / 2:2016, IEC 61730-1 / 2:2016, UL 61730-1:2017, UL 61730-2:2017, ISO 9001, ISO 14001, ISO 50001, GHSAS 18001
Salt Mist Corrosion Test	IEC 61701 : 2011 Severity 6
Ammonia Corrosion Test	IEC 62716 : 2013
Module Fire Performance	Type 2 (UL 61730)
Fire Rating	Class C (UL 790)
Solar Module Product Warranty	25 Years
Solar Module Output Warranty	Linear Warranty*

* 1) First years : 98%, 2) After 1st year : -0.33%/year, 3) 90.1% for 25 years

Temperature Characteristics

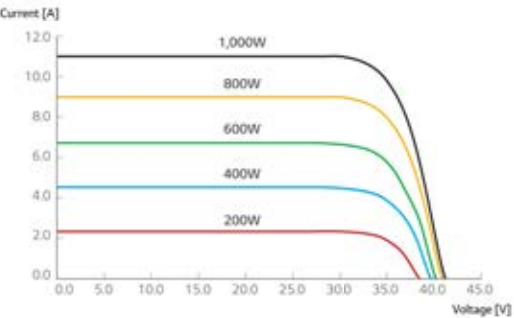
NMOT*	[°C]	42 ± 3
Pmax	[%/°C]	-0.35
Voc	[%/°C]	-0.26
Isc	[%/°C]	0.03

* NMOT (Nominal Module Operating Temperature)
: Irradiance 800W/m², Ambient temperature 20°C, Wind speed 1m/s, Spectrum AM 1.5

Electrical Properties (NMOT)

Model	LG355N1K-B6		
Maximum Power (Pmax)	[W]	355	266
MPP Voltage (Vmpp)	[V]	35.0	32.9
MPP Current (Impp)	[A]	10.15	8.10
Open Circuit Voltage (Voc)	[V]	41.5	39.1
Short Circuit Current (Isc)	[A]	10.72	8.61

I-V Curves



LG Electronics Inc.
Energy Business Division
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www.lg-solar.com

Electrical Properties (STC*)

Model	LG355N1K-B6	
Maximum Power (Pmax)	[W]	355
MPP Voltage (Vmpp)	[V]	35.0
MPP Current (Impp)	[A]	10.15
Open Circuit Voltage (Voc, ± 5%)	[V]	41.5
Short Circuit Current (Isc, ± 5%)	[A]	10.72
Module Efficiency	[%	19.6
Power Tolerance	[%	0 ~ +3

* STC (Standard Test Condition)
: Irradiance 1,000 W/m², Cell temperature 25°C, AM 1.5, Measure tolerance of Pmax : ±3%

Operating Conditions

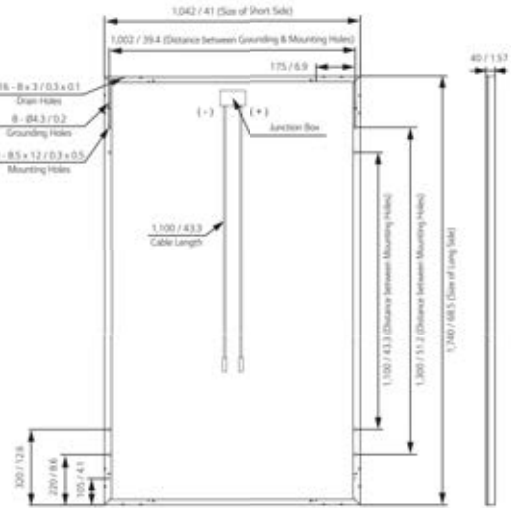
Operating Temperature	[°C]	-40 ~ +85
Maximum System Voltage	[V]	1,000
Maximum Series Fuse Rating	[A]	20
Mechanical Test Load* (Front)	[Pa]	5,400
Mechanical Test Load* (Rear)	[Pa]	4,000

* Based on IEC 61215-2 : 2016 (Test Load = Design Load x Safety Factor(1.5))
③ Mechanical Test Loads 6,000 Pa / 5,400 Pa based on IEC 61215 : 2005

Packaging Configuration

Number of Modules Per Pallet	[EA]	25
Number of Modules Per 40ft HQ Container	[EA]	650
Packaging Box Dimensions (L x W x H)	[mm]	1,790 x 1,120 x 1,213
Packaging Box Gross Weight	[kg]	500

Dimensions (mm/inch)



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MODULE SPEC SHEET

DESIGNER /CHECKED BY: SB/PM	PAPER SIZE:17"X11"
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Single Phase Inverter
with HD-Wave Technology

for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US /
SE7600H-US / SE10000H-US / SE11400H-US



Optimized installation with HD-Wave technology

- Specifically designed to work with power optimizers
- Record-breaking 99% weighted efficiency
- Quick and easy inverter commissioning directly from a smartphone using the SolarEdge SetApp
- Fixed voltage inverter for longer strings
- Integrated arc fault protection and rapid shutdown for NEC 2014 and 2017, per article 690.11 and 690.12
- UL1741 SA certified, for CPUC Rule 21 grid compliance
- Small, lightweight, and easy to install both outdoors or indoors
- Built-in module-level monitoring
- Optional: Faster installations with built-in consumption metering (1% accuracy) and production revenue grade metering (0.5% accuracy, ANSI C12.20)

solaredge.com



INVERTERS

Single Phase Inverter
with HD-Wave Technology for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US/
SE7600H-US / SE10000H-US / SE11400H-US

MODEL NUMBER	SE3000H-US	SE3800H-US	SE5000H-US	SE6000H-US	SE7600H-US	SE10000H-US	SE11400H-US	
APPLICABLE TO INVERTERS WITH PART NUMBER	SEXXXHX-XXXXBXX4							
OUTPUT								
Rated AC Power Output	3000	3800 @ 240V 3300 @ 208V	5000	6000 @ 240V 5000 @ 208V	7600	10000	11400 @ 240V 10000 @ 208V	VA
Maximum AC Power Output	3000	3800 @ 240V 3300 @ 208V	5000	6000 @ 240V 5000 @ 208V	7600	10000	11400 @ 240V 10000 @ 208V	VA
AC Output Voltage Min.-Nom.-Max. (211 - 240 - 264)	✓	✓	✓	✓	✓	✓	✓	Vac
AC Output Voltage Min.-Nom.-Max. (183 - 208 - 229)	-	✓	-	✓	-	-	✓	Vac
AC Frequency (Nominal)	59.3 - 60 - 60.5 ¹⁾							Hz
Maximum Continuous Output Current @240V	12.5	16	21	25	32	42	47.5	A
Maximum Continuous Output Current @208V	-	16	-	24	-	-	48.5	A
Power Factor	1. Adjustable - 0.85 to 0.85							
GFDI Threshold	1							A
Utility Monitoring, Islanding Protection, Country Configurable Thresholds	Yes							
INPUT								
Maximum DC Power @240V	4650	5900	7750	9300	11800	15500	17650	W
Maximum DC Power @208V	-	5100	-	7750	-	-	15500	W
Transformer-less, Ungrounded	Yes							
Maximum Input Voltage	480							Vdc
Nominal DC Input Voltage	380				400			Vdc
Maximum Input Current @240V ²⁾	8.5	10.5	13.5	16.5	20	27	30.5	Adc
Maximum Input Current @208V ²⁾	-	9	-	13.5	-	-	27	Adc
Max. Input Short Circuit Current	45							Adc
Reverse-Polarity Protection	Yes							
Ground-Fault Isolation Detection	600k Ω Sensitivity							
Maximum Inverter Efficiency	99	99.2						%
CEC Weighted Efficiency	99						99 @ 240V 98.5 @ 208V	%
Nighttime Power Consumption	< 2.5							W

¹⁾ For other regional settings please contact SolarEdge support
²⁾ A higher current source may be used; the inverter will limit its input current to the values stated



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INVERTER SPEC SHEET

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SCALE:AS NOTED REV:A

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SPEC SHEET

/ Single Phase Inverter
with HD-Wave Technology for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US/
SE7600H-US / SE10000H-US / SE11400H-US

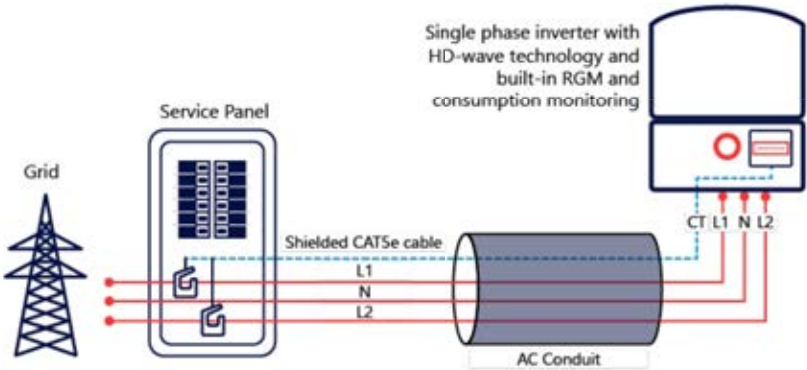
MODEL NUMBER	SE3000H-US	SE3800H-US	SE5000H-US	SE6000H-US	SE7600H-US	SE10000H-US	SE11400H-US
ADDITIONAL FEATURES							
Supported Communication Interfaces	RS485, Ethernet, ZigBee (optional), Cellular (optional)						
Revenue Grade Metering, ANSI C12.20	Optional ¹⁾						
Consumption metering							
Inverter Commissioning	With the SetApp mobile application using Built-in Wi-Fi Access Point for Local Connection						
Rapid Shutdown - NEC 2014 and 2017 690.12	Automatic Rapid Shutdown upon AC Grid Disconnect						
STANDARD COMPLIANCE							
Safety	UL1741, UL1741 SA, UL1699B, CSA C22.2, Canadian AFCI according to T.I.L. M-07						
Grid Connection Standards	IEEE1547, Rule 21, Rule 14 (H)						
Emissions	FCC Part 15 Class B						
INSTALLATION SPECIFICATIONS							
AC Output Conduit Size / AWG Range	1" Maximum / 14-6 AWG				1" Maximum /14-4 AWG		
DC Input Conduit Size / # of Strings / AWG Range	1" Maximum / 1-2 strings / 14-6 AWG				1" Maximum / 1-3 strings / 14-6 AWG		
Dimensions with Safety Switch (HxWxD)	17.7 x 14.6 x 6.8 / 450 x 370 x 174				21.3 x 14.6 x 7.3 / 540 x 370 x 185		in / mm
Weight with Safety Switch	22 / 10	25.1 / 11.4	26.2 / 11.9		38.8 / 17.6		lb / kg
Noise	< 25				<50		dBA
Cooling	Natural Convection						
Operating Temperature Range	-40 to +140 / -40 to +60 ¹⁾						°F / °C
Protection Rating	NEMA 4X (Inverter with Safety Switch)						

¹⁾ Inverter with Revenue Grade Meter P/N: SExxxxH-US000BN4; Inverter with Revenue Grade Production and Consumption Meter P/N: SExxxxH-US000BN4 . For consumption metering, current transformers should be ordered separately: SEACT0750-200NA-20 or SEACT0750-400NA-20, 20 units per box

¹⁾ Full power up to at least 50°C / 122°F; for power de-rating information refer to: <https://www.solaredge.com/sites/default/files/se-temperature-derating-note-na.pdf>

How to Enable Consumption Monitoring

By simply wiring current transformers through the inverter's existing AC conduits and connecting them to the service panel, homeowners will gain full insight into their household energy usage helping them to avoid high electricity bills



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Power Optimizer

For North America

P370 / P400 / P401 / P485 / P505



POWER OPTIMIZER

PV power optimization at the module-level

- Specifically designed to work with SolarEdge inverters
- Up to 25% more energy
- Superior efficiency (99.5%)
- Mitigates all types of module mismatch losses, from manufacturing tolerance to partial shading
- Flexible system design for maximum space utilization
- Fast installation with a single bolt
- Next generation maintenance with module-level monitoring
- Meets NEC requirements for arc fault protection (AFCI) and Photovoltaic Rapid Shutdown System (PVRSS)
- Module-level voltage shutdown for installer and firefighter safety

solaredge.com



Power Optimizer
For North America
P370 / P400 / P401 / P485 / P505

Optimizer model (typical module compatibility)	P370 (for higher-power 60 and 72-cell modules)	P400 (for 72 & 96- cell modules)	P401 (for high power 60 and 72 cell modules)	P485 (for high-voltage modules)	P505 (for higher current modules)	
INPUT						
Rated Input DC Power ⁽¹⁾	370	400	400	485	505	W
Absolute Maximum Input Voltage (Voc at lowest temperature)	60	80	60	125 ⁽²⁾	83 ⁽³⁾	Vdc
MPPT Operating Range	8 - 60	8 - 80	8-60	12.5 - 105	12.5 - 83	Vdc
Maximum Short Circuit Current (Isc)	11	10.1	11.75	11	14	Adc
Maximum Efficiency			99.5			%
Weighted Efficiency			98.8			%
Overvoltage Category			II			
OUTPUT DURING OPERATION (POWER OPTIMIZER CONNECTED TO OPERATING SOLAREEDGE INVERTER)						
Maximum Output Current			15			Adc
Maximum Output Voltage		60		85		Vdc
OUTPUT DURING STANDBY (POWER OPTIMIZER DISCONNECTED FROM SOLAREEDGE INVERTER OR SOLAREEDGE INVERTER OFF)						
Safety Output Voltage per Power Optimizer			1 ± 0.1			Vdc
STANDARD COMPLIANCE						
Photovoltaic Rapid Shutdown System		NEC 2014, 2017 & 2020		NEC 2014, 2017 & 2020	NEC 2014, 2017 & 2020	
EMC			FCC Part 15 Class B, IEC61000-6-2, IEC61000-6-3			
Safety			IEC62109-1 (class II safety), UL1741			
Material			UL94 V-0, UV Resistant			
RoHS			Yes			
INSTALLATION SPECIFICATIONS						
Maximum Allowed System Voltage			1000			Vdc
Compatible inverters			All SolarEdge Single Phase and Three Phase inverters			
Dimensions (W x L x H)	129 x 153 x 27.5 / 5.1 x 6 x 1.1	129 x 153 x 33.5 / 5.1 x 6 x 1.3	129 x 153 x 29.5 / 5.1 x 6 x 1.16	129 x 153 x 33.5 / 5.1 x 5 x 1.3	129 x 162 x 59 / 5.1 x 6.4 x 2.3	mm / in
Weight (including cables)	655 / 1.4	750 / 1.7	655 / 1.4	845 / 1.9	1064 / 2.3	g / lb
Input Connector		MC4 ⁽⁴⁾		Single or dual MC4 ⁽⁴⁾	MC4 ⁽⁴⁾	
Input Wire Length	0.16 / 0.52, 0.9 / 2.95 ⁽⁵⁾	0.16 / 0.52	0.16 / 0.52, 0.9 / 2.95 ⁽⁵⁾	0.16 / 0.52	0.16 / 0.52	m / ft
Output Wire Type / Connector			Double Insulated / MC4			
Output Wire Length			1.2 / 3.9			m / ft
Operating Temperature Range ⁽¹⁾			-40 to +85 / -40 to +185			°C / °F
Protection Rating			IP68 / NEMA6P			
Relative Humidity			0 - 100			%

(1) Rated power of the module at STC will not exceed the optimizer "Rated Input DC Power". Modules with up to +5% power tolerance are allowed.
(2) NEC 2017 requires max input voltage be not more than 80V.
(3) For other connector types please contact SolarEdge.
(4) For dual version for parallel connection of two modules use P485-4NMDMRM. In the case of an odd number of PV modules in one string, installing one P481 dual version power optimizer connected to one PV module. When connecting a single module seal the unused input connectors with the supplied pair of seals.
(5) For ambient temperature above +85°C / +185°F power de-rating is applied. Refer to Power Optimizers Temperature De-Rating Technical Note for more details.

PV System Design Using a SolarEdge Inverter ⁽⁶⁾⁽⁷⁾	Single Phase HD-Wave	Single phase	Three Phase for 208V grid	Three Phase for 277/480V grid	
Minimum String Length (Power Optimizers)	P370, P400, P401 P485, P505	8 6	10 8	18 14	
Maximum String Length (Power Optimizers)		25	25	50	
Maximum Nominal Power per String		5700 ⁽⁸⁾ (6000 with SE7600-US - SE11400-US)	5250 ⁽⁸⁾	6000 ⁽⁸⁾	12750 ⁽⁹⁾ W
Parallel Strings of Different Lengths or Orientations		Yes			

(6) For detailed string sizing information refer to: http://www.solaredge.com/sites/default/files/string_sizing_na.pdf
(7) It is not allowed to mix P485/P505 with P370/P400/P401 in one string.
(8) If the inverters rated AC power ≤ maximum nominal power per string, then the maximum power per string will be able to reach up to the inverters maximum input DC power. Refer to: <https://www.solaredge.com/sites/default/files/se-power-optimizer-single-string-design-application-note.pdf>
(9) For 208V grid: it is allowed to install up to 7,200W per string when the maximum power difference between each string is 1,000W
(10) For 277/480V grid: it is allowed to install up to 15,000W per string when the maximum power difference between each string is 2,000W

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OPTIMIZER SPEC SHEET

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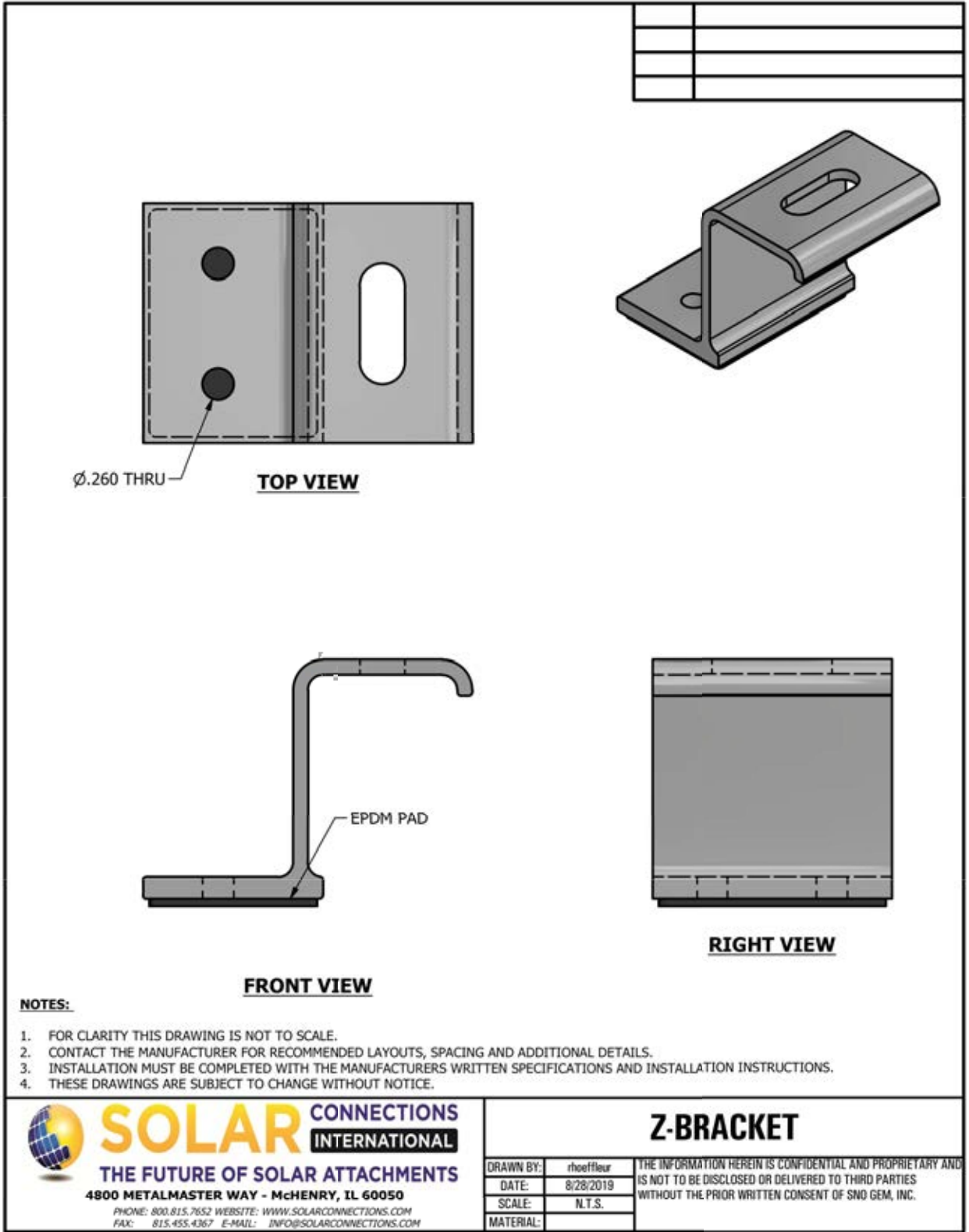
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SPEC SHEET

*** SCI PRODUCT CUT SHEET ***



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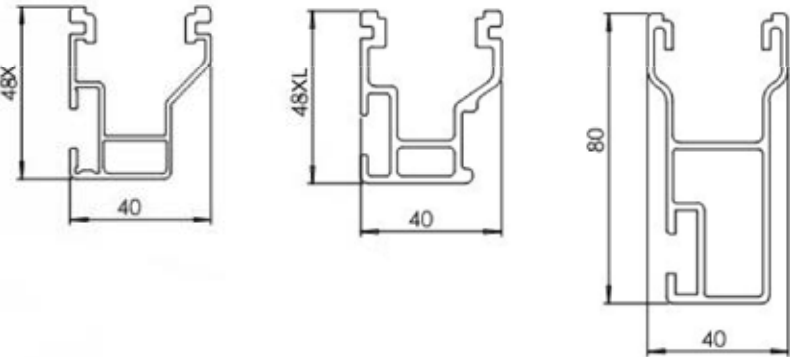
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MOUNT SPEC SHEET

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Technical data

	CrossRail System
Roof Type	Composition shingle, tile, standing seam
Material	High corrosion resistance stainless steel and high grade aluminum
Flexibility	Modular construction, suitable for any system size, height adjustable
PV Modules	For all common module types
Module Orientation	Portrait and landscape
Roof Attachment	Screw connection into rafter
Structural Validity	IBC compliant, stamped engineering letters available for all solar states
Warranty	25 years



CrossRail 48-X

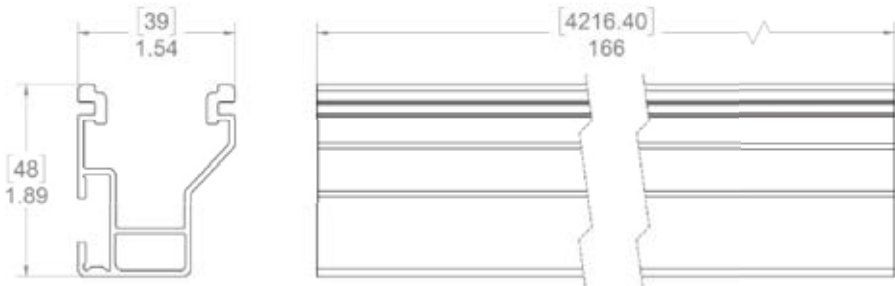


Mechanical Properties

	CrossRail 48-X
Material	6000 Series Aluminum
Ultimate Tensile Strength	37.7 ksi (260 MPa)
Yield Strength	34.8 ksi (240 MPa)
Weight	0.56 lbs/ft (0.833 kg/m)
Finish	Mill or Dark Anodized

Section Properties

	CrossRail 48-X
Sx	0.1980 in³ (3.261 cm³)
Sy	0.1510 in³ (2.507 cm³)
A (X-Section)	0.4650 in² (3.013 cm²)



Dimensions in [mm] Inches

Notes:

- Structural values and span charts determined in accordance with Aluminum Design Manual and ASCE 7-10
- UL2703 Listed System for Fire and Bonding



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RAIL SPEC SHEET

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COMMISSION OF ARCHITECTURAL REVIEW

JULY 22, 2021

Members Present

Robert Stowe
Susan Stilwell
Jackson Weller
Robert Weir

Members Absent

Robin Crews

Staff

Doug Plachcinski
Lisa Jones
Ryan Dodson

Ms. Crews called the meeting to order at 3:30 p.m.

ITEMS FOR PUBLIC HEARING

- 1. Certificate of Appropriateness Request 2021-225, to install a side yard privacy fence at 936 Main Street.*

Mr. Weir opened the Public Hearing.

Present to speak on behalf of this request was Amy Whitehouse, owner of 936 Main Street. Ms. Whitehouse stated, I have a very difficult neighbor by the name of Tim Norton, and he has harassed me since I have lived there for nine years. I got a restraining order thankfully from Judge Stilwell and I tried to get another one the other day, but I was not successful. What he did, he waited until I went away to Greensboro and I came home he had chopped down some trees that I had planted seven years ago as a privacy hedge because he had a habit of coming out and walking all around my windows which are on the first floor there. I decided the way to keep his interests at bay was to plant these trees. I bought about two thousand dollars' worth of trees and they were immature at the time but when Mr. Norton took his chainsaw to them, they were like eight years old or nine. They had grown and it would be expensive to replace them according to this man here who gave me a letter because of the way they were cut. These are the trees lying on the curb when I came home, and they were planted two feet from the property line. He had to get over with his chainsaw and cut them totally off, and he trespassed on my property to do this to begin with. When I applied, I asked you for a wooden fence and I was so excited when I asked but I don't think that would be in keeping with the property. I don't think it would look right and I don't think it would be anything that would add to the property and I don't think it would look right. So, what I would like to do if I could get the permission to within my property line and I had a picture of it, but I forgot to bring it. It is a white brick wall, and it is eight feet high, and this is going to cost about ten thousand dollars to keep this guy out. It will be eight feet high and seventy-four feet long, make it first those blocks and then covered it with those bricks and whitewash them, so it would be in keeping them with the status of the house. I looked around at home depot and those places and the wooden fences that run along

they don't look right. They wouldn't be attractive and not only that it would not add to the value of the property. I thought maybe I better find out what the rules were considering that is an old house.

Mr. Fred Meder stated we have had problems with Tim Norton in the past and he has built decks in the past without permits and they city does not have the courage to go after him. They have no documentation of before or after and even though I lived on the street and saw it happen, the city continues to fund this man. This lady is going to need all the help that she can get.

Ms. Ann Williams stated I want to ask Amy will your wall extend all the way to the end of your property or to the end of your house?

Ms. Whitehouse stated I would extend along the side of the property and back to that cement divider there which is seventy-four feet.

Ms. Williams stated it would end at the sidewalk?

Ms. Whitehouse stated it would start at the sidewalk in the front; that is the whole idea. We would start at the sidewalk along at the front by the gate. I don't want it to be wide, just eight feet high and then I will put some plants or something on top of it.

Ms. Williams stated in general I approve of the guidelines that we already have but I have complete sympathy with Amy over Mr. Norton.

Mr. Plachcinski stated if I could point out that Ms. Whitehouse is amending her request. The front yard fence, so the portion of any privacy fence in front of the house, can only be four feet tall.

Mr. Weir closed the Public Hearing.

Mr. Weir stated we need some guidance on this?

Mr. Plachcinski stated the standard says fencing should not exceed thirty to forty-eight inches in front yards and six feet inside and rear yards and additional two feet of open work may be added to the top of the six-foot wood fence.

Mr. Weir stated we are talking about an eight-foot brick fence.

Mr. Plachcinski stated right.

Mr. Stowe stated the limitation would be six feet.

Mr. Plachcinski stated apparently, I would say that the commission may have latitude to add the ability to allow open work on top of the six feet of brick but that should not go over fifty percent of capacity. We are going on the facts in this case and this item. Just

because the commission may have approved something in some other location does not obligate them to approve the request here. I am very sympathetic to Ms. Whitehouse issues, but she has not provided any sort of exhibit other than a verbal description of what she wants to do.

Ms. Whitehouse stated I have some pictures that I took of a fence that I saw when I was out driving in North Carolina. It is about this wide, but it has little white bricks and then you paint it all white and then it will be the same trim as my house. It looks kind of like an old country place like.

Mr. Plachcinski stated I think it may be prudent to consider tabling or adjourning at this time until you are able to line up the contractor or bring an example of what you would like to do.

Ms. Whitehouse stated I guess that is a possibility. I have to find somebody that builds brick walls, but I don't know anybody right now. I just wanted to do something to keep this man out of my hair. What are you suggesting?

Ms. Stilwell stated are you talking on the driveway?

Ms. Whitehouse stated no not the driveway that is next to Mr. Liepe's house. I don't have a driveway. I have two feet and four inches. I have my deed and I looked it up. I planted the trees two feet inside and I was going to go right outside the tree line with the wall.

Ms. Stilwell stated I think it would be helpful if you would bring us something then we would be able to approve. We don't want to approve something, especially something as permanent as a brick wall and then it is in violation and you are forced to take it down.

Ms. Whitehouse stated I don't want to do that. I'm trying to do this in a way that will minimize any misunderstandings or any additional economic involvement here, but it is going to be expensive enough the way that it is. If I put a wooden fence of some kind, it wouldn't look right and it wouldn't be in keeping with the houses along the avenue there.

Ms. Stilwell made a motion to postpone this request until Ms. Whitehouse brings a picture or other exhibit of what she is trying to do. Mr. Stowe seconded the motion. The motion was approved by a 4-0 vote.

2. Certificate of Appropriateness Request 2021-244, to install roof-mounted solar panels at 918 Green Street.

Mr. Weir opened the Public Hearing.

Present to speak on behalf of this request was Fred Meder, owner of 918 Green Street. Mr. Meder stated we would like to fix up our house and keep it going for another fifty years and that's the plan. The only way to do that is to continue to push the technology. Are there any questions?

Ms. Stilwell stated where are they going to be mounted?

Mr. Meder stated it's shown in the packet and it's on the roof.

Ms. Stilwell stated with what façade?

Mr. Weir stated it is going to be all over.

Mr. Meder stated here is a picture of my house from the middle of the street. You can't see the roof unless you are turning the corner of Holbrook.

Mr. Weir stated it is awful hard to see that roof.

Ms. Stilwell stated I'm sorry I saw this and had forgotten and it's one of the loveliest backyards that I have ever seen.

Mr. Paul Liepe stated I don't think Mr. Meder's statement is correct in his mention that you cannot see the road if you are standing directly in front of this house. However, from most of Holbrook through Sutherlin Avenue a portion of the roof that he is proposing to mount panels is quite visible. I have a sketch of that, and it shows that area. On the basis that from the driving distance or at least perhaps about three hundred feet, one section of the panels that Mr. Meder is proposing is quite visible and perhaps not from directly in front of the house but certainly from a large area of the Historic District. On that basis I would oppose that part of his installation and applaud him from the balance of the installation.

Mr. Meder stated to be clear that is eight panels on the front section and my wife, and I requested that they not be put up, but the plan came in since we use so much electricity that we needed more panels. I'm hoping in the future that things will change. I am fine eliminating those eight panels if I can get that in writing and this gets back to Titan, so they know what the plan is. This has already been approved by Danville Utilities.

Mr. Weir stated would these eight panels in the front here, did you say that you were not going to put them on?

Mr. Meder stated no, it's what you will decide but I'm comfortable either way. It would be about eight thousand dollars less.

Ms. Stilwell stated may I ask Mr. Leipe a question? You can see the front panels from Sutherlin?

Mr. Liepe stated yes from Sutherlin and almost from Holbrook and perhaps one lot in from Holbrook Street you can see that portion of the road.

Mr. Meder stated yes and like I stated when you turn the corner of Holbrook to Green my house is front center and yes you can see that one quarter panel up there without a doubt. I'm comfortable eliminating that.

Mr. Lawrence Meder stated I am here to support my brother but more importantly I am here to support Danville and the Old West End, America, our planet, and the

environment. No, don't approve this plan minus eight solar panels from the roof, even though he has said that he could do without them. Approve it all and I'm sorry Mr. Liepe I work with him and I'm friends with him. I'm sorry if you can see it from the street but I can see the American flag from the street in front of everybody's house. I can see the cell towers, power lines from the Old West End, refrigerators that they throw out on the streets, dishwashes, washers, and everything else that goes out on the street. I can see big trees with groundhogs in them and okay now we are going to see solar panels. Unless we switch our energy consumption to something that is going to help our planet, we are not going to have a planet. Our grandkids are not going to have a place to breath. This needs to be approved. Three years ago, I came before this board and I asked and begged you to please make guidelines for solar, because it was coming to the Old West End. I was told that you are not a board that makes rulings like that, but somebody here could have kicked up somewhere. The Danville officials that sit up on my right could have taken the issue and worked it. I'm telling you that they need to take this issue and they need to work it and it is coming to Danville. I know the utility commission is a little bit slow on embracing residents in Danville who bring solar. I mean if they were just charging, we would see it on our electric bill: put solar on your house, and we will give you two thousand dollars or something. I have not seen that in my flyer. I will tell you this, that I have read your guidelines from cover-to-cover multiple times and whenever I am with a new resident town, I say well have you read the guidelines yet. What I think that you need to understand is that these solar panels are not a permanent fixture on top of the house. Any hurricane could take them off. It is not altering the house and you might get tired of solar and maybe want a windmill, I don't know that could change to. They can just come off and it's just like the American flag; you put it on a holder and then take it off when you don't want it up there. They are fully removeable and you know he is not replacing wood windows with vinyl, and he's not taking down a flat board and putting up plastic siding. I mean he is doing something that is only going to help his energy, our energy, and it is going to take down some of the grid consumption during peak hours. The electric commission and Danville Utilities were up to about twenty five percent renewable energy rate right now. We are not where we need to be. We need to push it another fifty percent especially if we want a planet. I would say approve this fully don't let him escape with eight thousand dollars less. Let's put all the panels up there because this is not the only house that is going to get solar. Please write the rule into the book so we don't have to keep asking that we want to put solar on these buildings, because it is coming. I told you three years ago well now it is here.

Mr. Liepe stated as I'm sure you are aware, you have two applications of a similar nature, but both have sections of solar panel visible from the street. While Mr. Plachcinski argues that approving things does not set a precedent, I think in this case it would. If you approve two houses with solar panels facing the street how do you turn down others. I think that would expose the commission to numerous appeals to City Council and I don't think that should be where you want to go. Further, while I support the goal, I think there are other ways to accomplish the same thing including utility scale solar. This is not the only way to power your house with solar because you are already powering your house with solar based on the wires coming in from the street at least

from a certain extent. I'm concerned about what this will do to the look of the Historic District setting a precedent of this nature.

Mr. Lawrence Meder stated I would just like to rebut Mr. Liepe's statement. In fact, yes, if you approve these two houses you might set a precedent. We did hear of the eight-foot concrete fence that was approved in the Old West End that didn't set a precedent for this. Let's develop the rules and get them into our guidelines as an addendum.

Mr. Weir closed the Public Hearing.

Ms. Stilwell stated I am a strong advocate for solar panels. I have them on my building, but the city utilities changed the wattage and made them nonfunctional and now they are finally functional again. They don't give me any credit. None whatsoever. But I'm going to keep trying until I get it right. I spent thirty thousand dollars on my solar panels. It is a shame that our guidelines have not even attempted to deal with this issue as it is coming. It is here.

Mr. Weir stated the federal government passed the law that we couldn't argue over satellite dishes and now we have them scattered all over the place. This is a whole lot better and more important to me than a satellite dish. It would seem like it would not be to the standard, so we want to go through the two-step process.

Mr. Stowe stated there is another argument and I agree Susan the goal is admirable. It is the question of the eight panels that go on the front. Does that adversely affect the neighborhood and other people buying homes and if you buy a home in that neighborhood do you think that is detrimental that you are looking at a home with solar on top?

Mr. Meder stated I understand that this is a closed meeting, but I can speak to there being no set guidelines for homes purchasing solar panels or reselling the house with the panels. It is such a new thing that the solar people are trying to figure this out. How do you sell your home when you have panels on them if you don't own them because everybody's now buying panels on time through a third-party lender? It makes it difficult. The only information that we could find was the State of Virginia have passed HOA rules that they cannot deny the panels. They can ask them to put them around the corner, but you can put them on your property regardless because that is State Law. There are a lot of problems with this and obviously I'm bringing it to you being the first one here to resolve these problems. I was a commission member for fourteen years and I was the first one that brought concrete hardy board here and got the roof coatings and all those things because we are trying to preserve the buildings for the next fifty years. My goal is I want someone to live in these homes. I live next to abandoned homes, many, many abandoned homes, and people drive up and say oh nobody lives next door to you. It looks like a cemetery. You can smell the rotting wood when you walk by these homes.

Mr. Plachcinski read an excerpt from the National Park Service's technical preservation website that explained "the impact of low-profile solar collectors, where flush mounted on a sloped roof, though visible, may not significantly diminish the building's historic character." However, if Commission feels the roof is a prominent feature of the building then the installation may be appropriate. The metric the Commission should evaluate is

whether the roof is a prominent feature of this building. If it is, does the installation of the flush mount solar panels alter the historic character of the overall property and not just does it change the appearance of the building's roof. Applying this standard to each application requesting solar panels will yield a different conversation.

Mr. Stowe stated I think those are some good points of why we don't set precedents with the decision because it is a case-by-case basis. If we decide that something is right it doesn't mean that it is right for the next property. In this case because guidelines are vague or don't address this at all, we will have to use the two-step process with the second step being does this adversely affect the neighborhood not just that specific property. Are we affecting the neighborhood by allowing this on a house, is the question.

Ms. Stilwell stated I think it has a positive effect.

Mr. Weller stated I don't think it is an argument of whether that solar power is a good power. I think that we are all in agreement I think it is exactly what Mr. Stowe said of this particular property.

Mr. Stowe stated it is specifically these eight panels here being visible from a public right away.

Ms. Stilwell stated are you ready for a motion?

Mr. Stowe stated I guess I'm asking are we all in agreement.

Ms. Stilwell stated we are going to go around and vote and find out.

Mr. Stowe made a motion to approve the Request 2020-244 without the eight panels on this section of the roof. There was not a second, so the motion failed.

Mr. Weller made a motion that Request 2020-244 does not meet the guidelines. Mr. Stowe second the motion. The motion was approved by a 4-0 vote.

Mr. Weller made a motion to approve the Request 2020-244 as requested with all panels because the proposal does not have any adverse effect on the neighborhood, that the roof is not a prominent feature of the historic building, that the proposal does not diminish the historic character of the building, and that the appropriateness of roof mounted solar panels are a case-by-case determination. Ms. Stilwell seconded the motion. The motion was approved by a 4-0 vote.

Ms. Stilwell asked Mr. Plachcinski for assistance on solar panels in the OWE because it will return?

Mr. Plachcinski stated yes.

Mr. Lawrence Meder stated just to let you know how fast it is coming there is a vacant lot in the Old West End and somebody may be coming for permission to put solar panels on the vacant lot, and you will be able to drive by and see them and wave at them.

3. *Certificate of Appropriateness Request 2021-245, to install roof-mounted solar panels at 154 Chestnut Street.*

Mr. Weir opened the Public Hearing.

Present to speak on behalf of this request was Fred Meder, owner of 154 Chestnut Street. Mr. Meder stated unlike the last home where I am putting the panels, I want to put all the panels on this roof. It does not impact the vista. I have a picture of the vista from across the street from the sidewalk.

Mr. Weir stated where are the panels going on here?

Mr. Meder stated down this side and the back, and you might could see two. That's stationary. You know the cars on Chestnut drive about forty-five miles per hour. They don't see anything. The goal is to put people in this home for the next fifty years.

Ms. Stilwell stated does it have two units or one?

Mr. Meder stated this was a duplex with 1700 square feet and it has two little main rooms that need to be a little bigger. I'm having a very difficult time getting the floor plan correct and Rick Morris Architects forgot the washer, dryer, water heater and pantry.

Mr. Paul Liepe stated I will repeat my previously objection about the solar panels being visible from the street. In this case the panels will be visible from about two hundred-and fifty-foot-long section off Chestnut Street. While there are a few cars that go forty-five miles per hour, there are also many people that walk along that street who might find the industrial look of solar panels objectionable.

Mr. Meder stated I just want to point out that you must be in the exact right spot here. It's not my house. You turn the right corner, and it is there.

Mr. Weir closed the Public Hearing.

Ms. Stilwell made a motion that the Request 2021-245 does not meet the guidelines as submitted. Mr. Weller seconded the motion. The motion was approved by a 4-0 vote.

Ms. Stilwell made a motion to approve request 2021-245 as requested with all panels because the proposal does not have any adverse effect on the neighborhood, that the roof is not a prominent feature of the historic building, that the proposal does not diminish the historic character of the building, and that the appropriateness of roof mounted solar panels are a case-by-case determination. Mr. Weller seconded the motion. The motion was approved by a 4-0 vote.

4. Certificate of Appropriateness Request 2021-250, to install a paved driveway at 842 Main Street.

Mr. Weir opened the Public Hearing.

Present to speak on behalf of this request was Mary Kent, owner of 842 Main Street. Ms. Kent stated our driveway, I think maybe when it was the red cross, was gravel and that gravel is gone and now it's just dirt. We have really done a lot of work on our house and it is impossible to keep that driveway looking nice and that is very important to us. All our neighbors have concrete and we just want to keep up with our neighbors. We just want to put a cement driveway in.

Ms. Stilwell stated you are better to use cement because that is better than black top.

Ms. Kent stated what do you got for me?

Mr. Weir closed the Public Hearing.

Mr. Weller made a motion to approve Request 2020-250 as submitted. Mr. Stowe seconded the motion. The motion was approved by a 4-0 vote.

5. *Certificate of Appropriateness Request 2021-253, to remove a magnolia tree and surrounding retaining walls at 1002 Main Street.*

Mr. Weir opened the Public Hearing.

Present to speak on behalf of this request was Jane Willis who stated, I am representing the Wednesday Club as President. Our board of Governors is requesting a certificate of appropriateness to remove a large magnolia tree that is in front of our building and then to remove the retaining wall that is around it. The wall has been repaired several times and if you look at the photos that were inside of your packet you can see where the last photo shows the cracks. In the top photo of the last page there is a crack on the left-hand side of the wall you can see where different brick has been used to repair that corner of the wall and that part of the wall now leans in towards the buildings. The roots are pushing out and there are also cracks along this side of the wall where the roots are pushing that out. Then the bottom photo you can see a metal plate that has been put up to hold the wall in place. The grain across the top it all unaligned, crooked and there are large cracks in this portion of the wall. There are roots on top of the ground. We have cracks in the sidewalks, some moisture in our board room and we think maybe there are roots underneath the building. We are requesting permission to take the wall down, take the tree down, level the land and plant grass seed. We want to retain the granite and retain enough bricks to build a sign in the future. We don't have the funds right now to do that nor do I have board approval to build a sign. There is some granite across the front of the property which is in the picture above and I don't know but are they called corner stones? Does anybody know?

Ms. Stilwell stated that is what I would call them.

Ms. Willis stated we believe that might be the original property line. This property was purchased in 1923 and if you go back and look at pictures it looks like there was originally granite all the way across the front. This is all that is left what is across the front of the property. Then there is the granite that is going up the sidewalk which probably came from the property. We would like to use this in the landscaping but until this tree comes down and this land is level. I don't know if you can get sixteen women to agree where that granite needs to go. We would like at least permission to if you won't let us move this granite from the front, we would at least get permission to decide on what to do with the granite on the side of the wall where to locate that. We don't want to detract from our building, and we would like for our beautiful building to be enhanced

with green grass and plants just to make it look better, because our cracks in the wall just don't look good at all. We would greatly appreciate it if you would grant, I request.

Mr. Weller stated that tree is going to be gone?

Ms. Willis stated that tree is going to be gone, the roots gone, and everything will be leveled.

Mr. Weller stated I love it and my in-laws live next door and it really beats my view down the road.

Mr. Fred Meder stated my profession all my adult life has been landscape gardening. I moved here in 1988 on Sutherlin Avenue and this tree and wall has been broken since then. I don't understand what is going on. It has been there my adult life which has been since 1988 and it was the same way as it is today. I would like to point out that magnolia is quite essential southern, and I am from the north.

Mr. Paul Liepe stated I don't wish to comment on the tree, and I don't really care to comment on the retaining wall. I'd like to point out that the granite that is now next to the curb was at the original 1002 Main Street address that the Wednesday club bought in 1920 and it was demolished in 1970 for their present club house. I'm delighted to hear that they would like to make some productive use of that granite curbing and I wonder if a decision on removing that ought to be postponed until they come forward with a planned proposal.

Ms. Stilwell stated do they have a plan of what to do with that granite curbing? We can't give you carte blanche without knowing what you are going to do.

Ms. Willis stated no, I don't have a plan. We are more than willing to leave what is at the front in place and just reset it because it is crooked it and it needs to be reset. The granite that is running up the side of the wall and no we have not even discussed it and it can certainly be dropped down into the trench that is going to be there when that wall comes out because that is our property line. If we chose to move it at a further date, we would certainly come back and request permission to move it. We would just like to have the land leveled and a nice green lawn there until we can approve something else.

Ms. Stilwell stated you can come back every month.

Ms. Willis stated I know.

Mr. Weir closed the Public Hearing.

Ms. Stilwell made a motion that a Certificate of Appropriateness be granted for 2021-253 at 1002 Main Street as submitted. Mr. Weller second the motion. The motion was approved by a 4-0 vote.

APPROVAL OF THE MINTUES

Ms. Stilwell made a motion to approve the July 7, 2021 minutes. The motion was approved by a unanimous vote.

OTHER BUSINESS

With no further business, the meeting adjourned at 4:20 p.m.

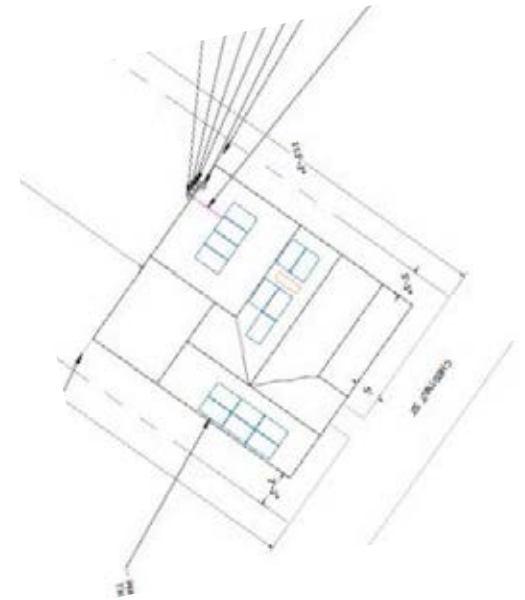
Approved

154 CHESTNUT STREET PHOTOS

Liepe appeal of CAR COA 2021-245



Aerial View 154 Chestnut Street



Street View 154 Chestnut Street



View Northeast On 154 Chestnut Street



View Southwest On 154 Chestnut Street

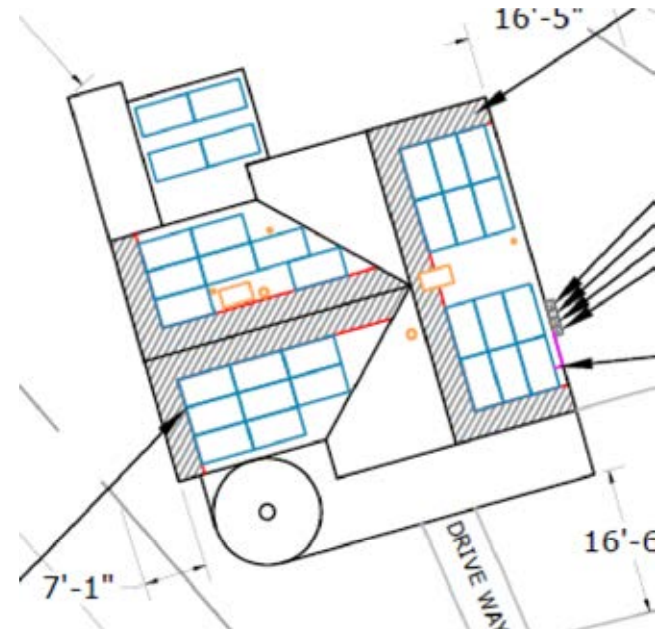
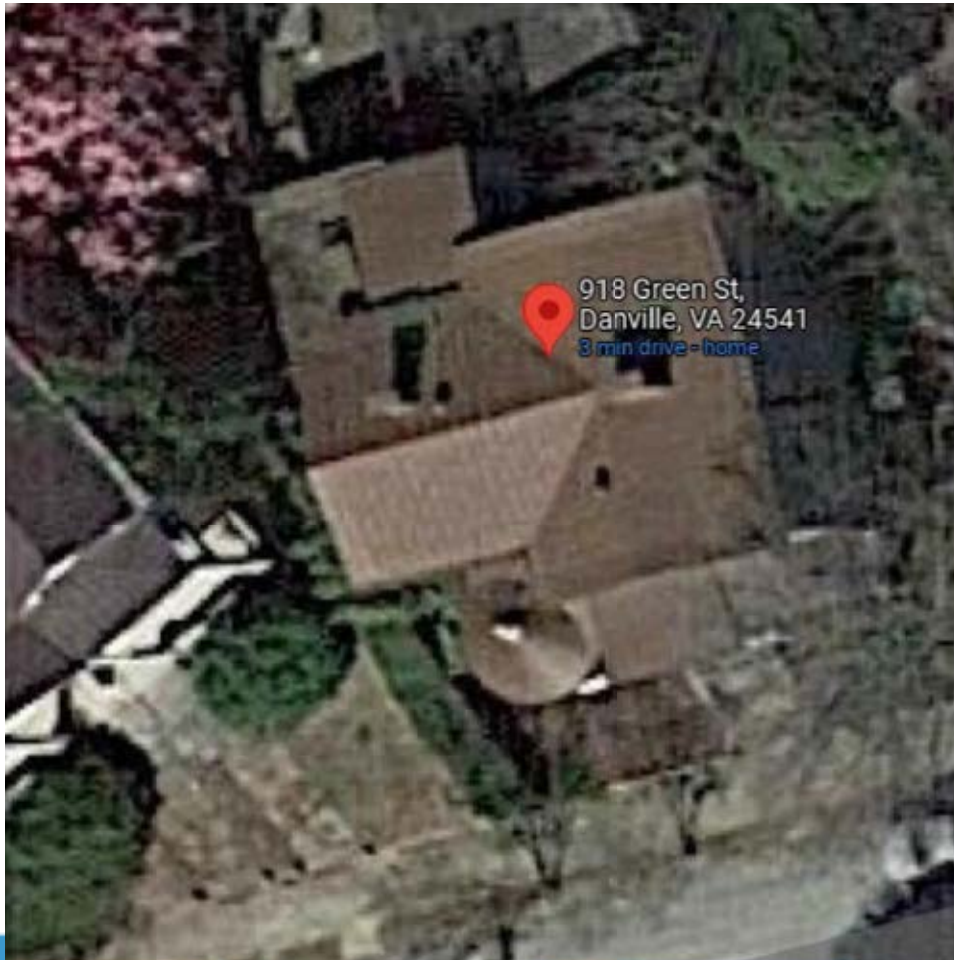


918 GREEN STREET PHOTOS

Liepe appeal of CAR COA 2021-244



Aerial View 918 Green Street



Street View 918 Green Street



View East On Green Street



View West On Green Street



Council Letter

City of Danville, Virginia



CL-2645

New Business G.

City Council Regular Meeting

Meeting Date: 10/19/2021

Subject: Fire Prevention & Safety Grant

From: David Coffey, Fire Chief

COUNCIL ACTION

First Reading: October 19, 2021

Final Adoption: November 4, 2021

SUMMARY

The City has received notification from the Department of Homeland Security that the Danville Fire Department has been approved to receive funding from the 2020 Fire Prevention & Safety Program in the amount of \$125,889.52 for the purchase of Stove Top Fire Stop Extinguishers and for Fire Extinguisher Training for the elderly, with local funding in the amount of \$6,294.48.

BACKGROUND

Funds from the Department of Homeland Security are given to the Fire Prevention and Safety Program to assist in helping localities throughout the Commonwealth educate the elderly about fire safety, as well as provide the necessary equipment to possibly prevent fires. The grant must be used within twenty-four months of the receipt.

RECOMMENDATION

It is recommended that City Council approve the attached Ordinance Amending the Fiscal Year 2022 Budget Appropriation Ordinance by increasing the revenue to anticipate the receipt of the grant funds from the Department of Homeland Security in the amount of \$125,889.52 in Federal funding, and \$6,294.48 from local funding for a total appropriation of \$132,184.00.

Attachments

Ordinance

PRESENTED: _____

ADOPTED: _____

ORDINANCE NO. 2021-____.____

AN ORDINANCE AMENDING THE FISCAL YEAR 2022 BUDGET APPROPRIATION ORDINANCE TO PROVIDE FOR A GRANT FROM THE DEPARTMENT OF HOMELAND SECURITY IN AN AMOUNT OF \$125,889.52 AND A LOCAL SHARE IN THE AMOUNT OF \$6,294.48 FOR EQUIPMENT AND TO ADMINISTER TRAINING TO THE PUBLIC FOR A TOTAL APPROPRIATION IN THE AMOUNT OF \$132,184.00 AND APPROPRIATING SAME.

WHEREAS, the City has been notified by the Department of Homeland Security that the Danville Fire Department has been awarded a grant; and

WHEREAS, the grant funds are to be used to purchase Stove Top Fire Stop Extinguishers and to administer training to the public.

NOW THEREFORE, BE IT ORDAINED, by the Council of the City of Danville, Virginia, that the Fiscal Year 2022 Budget Appropriation Ordinance be, and it is hereby, amended by increasing revenues from the Department of Homeland Security for equipment and training and such revenues and appropriation to be as follows:

ANTICIPATED REVENUES

<u>Description</u>	<u>Account No.</u>	<u>Amount</u>
FY 22 Fire Prevention & Safety Grant		
State Funding	61724000-47670	\$125,889.52
Transfer In from General Fund	61724000-6101	<u>6,294.48</u>
	Total	<u>\$132,184.00</u>

ANTICIPATED EXPENDITURES

<u>Description</u>	<u>Account No.</u>	<u>Amount</u>
FY 22 SHSG—Fire Prevention & Safety Grant	61724999-50	<u>\$132,184.00</u>

AND BE IT FURTHER ORDAINED, that this appropriation shall be a continuing appropriation and shall carry forward from year to year until expended for the purpose for which appropriated; and

BE IT FINALLY ORDAINED, that all other accounts and provisions of the Fiscal Year 2022 Budget Appropriation Ordinance, as amended, not hereby amended, shall continue in full force and effect unless and until hereafter further amended or repealed.

APPROVED:

Mayor

ATTEST:

Clerk

Approved as to
Form and Legal Sufficiency:

City Attorney

Council Letter

City of Danville, Virginia



CL-2649

New Business H.

City Council Regular Meeting

Meeting Date: 10/19/2021

Subject: Fiscal Year 2022 Comprehensive Services Act Fund Appropriation

From: Earl B. Reynolds, Jr., Deputy City Manager

COUNCIL ACTION

First Reading: 10/19/2021

Final Adoption: 11/04/2021

SUMMARY

The Comprehensive Services Act (CSA) was enacted in Fiscal Year 1994, by the Virginia General Assembly, for the purpose of eliminating duplication of services for at-risk children and families. Whenever possible, CSA services must be child specific and community based. Services may be residential or non-residential, private or public, and must be responsive to the child's unique needs and culture. These services may currently exist within the public agencies, such as mental health, social services, education, and court services, or may be available privately. Examples include, but are not limited to: substance abuse counseling, respite care, psychological evaluations, transportation services, home-based therapy, family counseling, parent training, therapeutic foster care, job coaching, after school care, recreation, and housing assistance. In January 2013, the City began operating its own Community Policy and Management Team (CPMT). This resulted from the request of Pittsylvania County to dissolve the joint Danville-Pittsylvania County Community Policy and Management Board (CPMB). A full time person has been hired under the Division of Social Services to coordinate the City only program. There has been no increased administrative cost to the City as the administration funds that were being paid to Pittsylvania County are now being used to support the City only program.

BACKGROUND

Daily, the schools, social services and court service units are faced with a number of societal issues, such as locating services for abused, neglected, delinquent and special services children with significant mental and physical health impairments. In addition, these organizations work with children with behavioral problems that require specialized placements for treatment, truancy, and children whose disabilities are so severe they are unable to function within the community. These disabilities and behavioral issues include, but are not limited to: Autism, Bipolar Disorder, Schizophrenia, Sexual Reactive Disorder, Post Traumatic Stress Disorder, Suicidal Ideation, Conduct Disorder, Attachment Disorder, and Mental Retardation. The overall focus of CSA continues to be servicing at-risk children and families. Great strides have been made in bringing additional resources for services to the community. Service providers are meeting the increased demand for specialized programs while trying to manage the costs of such programs. The community partners continue to be faced with younger children whose disabilities are so severe that often times the children cannot be treated locally. The agencies that serve on the CPMT explore all options to provide for the needs of Danville's families and children by utilizing cost effective measures to reduce expenditures to the locality. These measures include using Medicaid vendors, when appropriate, reviewing progress reports prior to authorizing additional service units, when feasible, and reviewing eligibility for IV-E funding

which reimburses the locality 100% of allowable costs.

RECOMMENDATION

It is recommended that the City Council adopt the attached Ordinance to approve Fiscal Year 2021 state and local funding for the CSA program. The required local match is included in the adopted Fiscal Year 2022 City of Danville Budget.

Attachments

Ordinance

PRESENTED: _____

ADOPTED: _____

ORDINANCE NO. 2021____.

AN ORDINANCE AMENDING THE FISCAL YEAR 2022 BUDGET APPROPRIATION ORDINANCE BY APPROPRIATING COMPREHENSIVE SERVICES ACT FUNDS AND PROVIDING LOCAL MATCHING FUNDS FOR A TOTAL AMOUNT OF \$4,780,388 AND APPROPRIATING SAME.

NOW THEREFORE, BE IT ORDAINED, by the Council of the City of Danville, Virginia, that the Fiscal Year 2022 Budget Appropriation Ordinance be, and is hereby, amended by increasing revenues to anticipate the State and Local funds for the Comprehensive Services Act fund and appropriating such funds within the Special Grants Fund, such appropriation to be as follows:

ANTICIPATED REVENUES

<u>Description</u>	<u>Account No.</u>	<u>Amount</u>
Categorical Aid—State:		
Comprehensive Services Act—		
Pool Funds	60315000-45560	\$3,547,350
Administrative Funds	60315000-45570	20,400
Local Share		
Transfer in From General Fund	60315000-6101	<u>1,212,638</u>
	Total	<u>\$4,780,388</u>

ANTICIPATED EXPENDITURES

<u>Description</u>	<u>Account No.</u>	<u>Amount</u>
Comprehensive Services Act:		
Outside Services	60315000-52349	\$4,500,000
CSA Medicaid	60315000-55570	140,000
FT Salaries	60315000-51100	80,760
FICA	60315000-51450	5,819
Retirement	60315000-51525	4,286
Group Health Insurance	60315000-51600	11,577
Group Life Insurance	60315000-51630	246
Print Shop	60315000-52650	1,200
Temporary Services	60315000-52190	2,000
PS-Office Supplies	60315000-52655	1,400

Postage	60315000-54050	1,000
Telephone	60315000-54100	1,000
Travel & Training	60315000-54900	2,400
Local Only-CSA	60315000-55420	25,000
Office Supplies	60315000-55820	2,000
Materials & Supplies	60315000-55930	500
Dues 60315000-56242		<u>1,200</u>
Total		<u>\$4,780,388</u>

AND BE IT FURTHER ORDAINED, that a flexible budget is hereby authorized whereby appropriations may be increased to the extent that actual revenues from the CSA Pool Fund exceeds the original budget amount; and

BE IT FINALLY ORDAINED, that all other accounts and provisions of the Fiscal Year 2022 Budget appropriation Ordinance, as amended, not hereby amended, shall continue in full force and effect unless and until thereafter further amended or repealed.

APPROVED:

Mayor

ATTEST:

City Clerk

APPROVED AS TO
FORM AND LEGAL SUFFICIENCY:

City Attorney