

PROFESSIONAL SERVICES AGREEMENT

THIS IS AN AGREEMENT made as of May 26th, 2026 between the LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT (**OWNER**) and SOLAR ENERGY SOLUTIONS LLC (**PROFESSIONAL**). **OWNER** intends to proceed with a roof-mounted solar photovoltaic systems in Lexington, Kentucky as described in the attached Request for Proposal document. The services are to include design and installation of solar photovoltaic systems for the city as described in the **OWNER**'s Request for Proposal No. 21-2026. The services are hereinafter referred to as the Project.

OWNER and **PROFESSIONAL** in consideration of their mutual covenants herein agree in respect of the performance of design and installation services by **PROFESSIONAL** and the payment for those services by **OWNER** as set forth below.

PROFESSIONAL was selected by **OWNER** based upon its response to the Request for Proposal No. 21-2026.

PROFESSIONAL shall provide design and installation of solar photovoltaic systems for **OWNER** in all phases of the Project to which this Agreement applies, serve as **OWNER'S** representative for the Project as set forth below and shall give professional consultation and advice to **OWNER** during the performance of services hereunder.

SECTION 1 - BASIC SERVICES OF PROFESSIONAL

PROFESSIONAL shall perform all services as hereinafter stated which include customary planning and analysis incidental thereto.

The following documents are incorporated by reference herein as if fully stated and are attached hereto as exhibits:

RFP No. 21-2026 with Addenda (Exhibit "A")
PROFESSIONAL'S proposal notarized 4/27/2026 (Exhibit "B"), 116 pages

To the extent there is conflict among their provisions, the provisions of this Agreement shall take precedence, followed by the provisions of Request for Proposal No. 21-2026 (Exhibit "A"), followed by the provisions of Exhibit "B".

After written authorization to proceed with the Project, **PROFESSIONAL** shall:

1. Notify the **OWNER** in writing of its authorized representative who shall act as Project Manager and liaison representative between the **PROFESSIONAL** and the **OWNER**.
2. Install a roof-mounted solar photovoltaic system as proposed in Exhibit "B", subject to the "System Requirements" and "Contractor Requirements" as defined in Exhibit "A", "Scope of Work".

This Agreement, together with the Exhibits and schedules identified above constitutes the entire Agreement between **OWNER** and **PROFESSIONAL** and supersedes all prior written or oral understandings. This Agreement and said Exhibits and schedules may only be amended, supplemented, modified, or canceled by a duly executed written instrument.

The General Provisions of RFP No. 21-2026 are incorporated herein by reference as if fully stated.

SECTION 2 - ADDITIONAL SERVICES BY PROFESSIONAL

- 2.1. The **OWNER** may desire to have the **PROFESSIONAL** perform work or render services in connection with this Project other than those services provided herein. Such work shall be considered as "Additional Services", subject to a change order, supplemental to this Agreement, setting forth the character and scope thereof and the compensation therefore. Work under such change order shall not proceed until the **OWNER** gives written authorization. Should the **OWNER** find it desirable to have previously satisfactorily completed and accepted plans or parts thereof revised, the **PROFESSIONAL** shall make such revisions as directed, in writing, by the **OWNER**. This work shall be considered as "Additional Services" and shall be paid as such.
- 2.2. All "Additional Services" is subject to prior written authorization of **OWNER** and necessary appropriations made by the Urban County Council.

SECTION 3 - OWNER'S RESPONSIBILITIES

OWNER shall:

- 3.1. Provide criteria and information as to **OWNER'S** requirements for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility and expandability, and any budgetary limitations.
- 3.2. Assist **PROFESSIONAL** by placing at its disposal available information pertinent to the Project.
- 3.3. Examine all studies, reports, sketches, drawings, specifications, proposals and other documents presented by **PROFESSIONAL**, and render in writing decisions pertaining thereto within a reasonable time so as not to delay the services of **PROFESSIONAL**.
- 3.4. Designate in writing a person to act as **OWNER'S** representative with respect to the services to be rendered under this Agreement. Such person shall have complete authority to transmit instructions, receive information, interpret and define **OWNER'S** policies and decisions with respect to materials, equipment, elements and systems pertinent to **PROFESSIONAL'S** services.

- 3.5. Give written notice to **PROFESSIONAL** whenever **OWNER** observes or otherwise becomes aware of any development that affects the scope or timing of **PROFESSIONAL'S** services, or any defect in the work of Contractor(s).
- 3.6. Furnish or direct **PROFESSIONAL** to provide, necessary Additional Services as stipulated in Section Two (2) of this Agreement or other services as required.

SECTION 4 - PERIOD OF SERVICES

- 4.1. Time is of the essence. See Exhibit "A" (attached) pertaining to substantial completion of services.
- 4.2. The provisions of this Section Four (4) and the various rates of compensation for **PROFESSIONAL'S** services provided for elsewhere in this Agreement have been agreed to in anticipation of the orderly and continuous progress of the Project through completion.
- 4.3. If delays result by reason of acts of the **OWNER** or approving agencies or other causes, which are beyond the control of the **PROFESSIONAL**, an extension of time for such delay will be considered. If delays occur, the **PROFESSIONAL** shall within 30 days from the date of the delay apply in writing to the **OWNER** for an extension of time for such reasonable period as may be mutually agreed upon between the parties, and if approved, the Project schedule shall be revised to reflect the extension. Such extension of time to the completion date shall in no way be construed to operate as a waiver on the part of the **OWNER** of any of its rights in the Agreement. Section 6.5, under DISPUTES, of this Agreement, shall apply in the event the parties cannot mutually agree upon an extension of time.

In the event that the overall delay resulting from the above described causes is sufficient to prevent complete performance of the Agreement within six (6) months of the time specified therein, the Agreement fee or fees shall be subject to reconsideration and possible adjustment. Section 6.5 of this Agreement shall apply in the event the parties cannot mutually agree upon an adjustment of fee.

- 4.4. If delays result solely by reason of act of the **PROFESSIONAL**, the **PROFESSIONAL** must immediately notify the **OWNER** in the event of such delay, and provide the **OWNER** a written action plan within five (5) business days on how it will reasonably attempt to resolve the delay. If the parties cannot mutually agree to an extension of time or an adjustment, Section 6.5 of this Agreement shall apply. If the delay would prevent complete performance of the project within six (6) months of the time specified herein, **OWNER** shall have the option of canceling the project or otherwise adjusting the scope of service or work and any related fees.

SECTION 5 - PAYMENTS TO PROFESSIONAL

- 5.1 **Methods of Payment for Services of PROFESSIONAL**

5.1.1 For Basic Services.

All Lump Sum Pricing shall include all direct labor and supervision necessary to complete the item in a manner that meets or exceeds the **OWNER'S** satisfaction. It shall also include the labor payroll costs, overhead (such as unemployment taxes, general liability insurance, rent, utilities, phones, supplies, administrative salaries, F.I.C.A. sick and vacations, etc. disposal fees tool allowance, equipment, materials, profit and all other costs used on the job). The negotiated cost of services is thirty-five thousand, one hundred and eighty-nine dollars and seventy-five cents (\$35,189.75) as established by the "Price Proposal Form" in Exhibit "B".

5.2. Times of Payment.

5.2.1. PROFESSIONAL shall submit a schedule of values subject to approval by the **OWNER** prior to starting work. The approved schedule of values will be the basis for monthly statements for Basic Services and Additional Services rendered. The Statements will be based upon **PROFESSIONAL'S** estimate of the proportion of the total services actually completed at the time of billing and are subject to approval by the **OWNER**. **OWNER** shall pay **PROFESSIONAL'S** monthly statements within thirty (30) days of receipt.

5.3. Other Provisions Concerning Payments.

5.3.1. In the event the Agreement is terminated by the **OWNER** without fault on the part of the **PROFESSIONAL**, the **PROFESSIONAL** shall be paid for the work performed or services rendered in an amount bearing the same ratio to the total Agreement fee as the amount of work completed or partially completed and delivered to the **OWNER** is to the total amount of work provided for herein, as determined by mutual agreement between the **OWNER** and the **PROFESSIONAL**.

5.3.2. In the event the services of the **PROFESSIONAL** are terminated by the **OWNER** for fault on the part of the **PROFESSIONAL**, the **PROFESSIONAL** shall be paid reasonable value of the work performed or services rendered and delivered, and the amount to be paid shall be determined by the **OWNER**.

5.3.3. In the event the **PROFESSIONAL** shall terminate the Agreement because of gross delays caused by the **OWNER**, the **PROFESSIONAL** shall be paid as set forth in Section 5.3.1. above.

SECTION 6 – ADDITIONAL GENERAL CONSIDERATIONS

6.1. Termination

6.1.1. PROFESSIONAL may only terminate this Agreement due to **OWNER'S** material breach of the terms hereof which breach causes **PROFESSIONAL** to be unable to perform its duties and responsibilities under this Agreement, and only upon ten (10) days written notice to **OWNER**, and provided **OWNER** fails to cure such default within the ten (10) day period.

6.1.2. The **OWNER** reserves the right to terminate the Agreement for any reason at any time upon seven (7) days written notice to the **PROFESSIONAL**.

6.2. Ownership and Reuse of Documents.

All documents, including Drawings and Specifications, prepared by the **PROFESSIONAL** pursuant to this Agreement shall be delivered to and become the property of the **OWNER**. The **OWNER** shall have the right to reuse same without restriction or limitation, but without liability or legal exposure to **PROFESSIONAL**.

6.3. Legal Responsibilities and Legal Relations.

6.3.1. The **PROFESSIONAL** shall familiarize itself with and shall at all times comply with all federal, state and local laws, ordinances, and regulations which in any manner affect the services of this Agreement.

6.3.2. In performing the services hereunder, the **PROFESSIONAL** and its **PROFESSIONALS**, employees, agents and representatives shall not be deemed or construed to be employees of **OWNER** in any manner whatsoever. Except as otherwise provided in this Agreement, the **PROFESSIONAL** shall be acting as an independent contractor. The **PROFESSIONAL** shall not hold itself out as, nor claim to be, an officer or employee of **OWNER** by reason hereof and shall not make any claim, demand or application to or for any right or privilege applicable to an officer or employee of **OWNER**. The **PROFESSIONAL** shall be solely responsible for any claims for wages or compensation by **PROFESSIONAL'S** employees, agents and representatives, including **PROFESSIONALS**, and shall save and hold **OWNER** harmless therefrom.

6.3.3. The parties hereto agree that causes of actions between the parties shall be governed by applicable provisions of the Kentucky Revised Statutes, that venue of any legal action shall be a court of appropriate jurisdiction in Fayette County, Kentucky, and that Kentucky law shall apply with respect to the interpretation of any provision of this Agreement.

6.4. Successors and Assigns.

6.4.1. **PROFESSIONAL** binds itself and its partners, successors, executors, administrators, assigns and legal representatives to this Agreement in respect to all covenants, agreements and obligations of this Agreement. **PROFESSIONAL** shall not assign any interest, obligation or benefit in this Agreement. **PROFESSIONAL** shall not assign any interest, obligation or benefit in this Agreement or transfer any interest in the same, whether by assignment or novation, without prior written consent of **OWNER**.

6.4.2. The **PROFESSIONAL** shall not subcontract more than fifty percent (50%) of the work, based upon dollar value, to be provided under this Agreement. The **PROFESSIONAL** shall obtain written approval prior to subletting or assigning any services contained in this Agreement, and consent to sublet or assign any part of this

Agreement shall not be construed to relieve the **PROFESSIONAL** of any responsibility for compliance with the provisions of this Agreement.

6.4.3. Nothing herein shall be construed to give any rights or benefits hereunder to anyone other than **OWNER** and **PROFESSIONAL**.

6.5. Disputes.

Except as otherwise provided in this Agreement, any dispute concerning the amount of payment due the **PROFESSIONAL** or any dispute concerning any question of fact of any act to be performed under this Agreement, which is not disposed of by agreement between the Urban County Division of Central Purchasing and the **PROFESSIONAL**, shall be submitted to the Commissioner, Department of General Services, Lexington-Fayette Urban County Government for review. The decision of the Commissioner as to the determination of such dispute shall be final and conclusive unless determined by a court of competent jurisdiction to have been fraudulent, capricious, arbitrary or so grossly erroneous as necessarily to imply bad faith. Pending a final decision of a dispute hereunder, the **PROFESSIONAL** shall proceed diligently with the performance of the Agreement in accordance with the directions of the **OWNER**.

6.6. Accuracy of PROFESSIONAL'S Work.

The **PROFESSIONAL** shall be required to perform this Agreement in accordance with the degree of ordinary and reasonable skill and care usually exercised by solar industry professionals prevailing at the time, place and under similar conditions as the services hereunder are rendered.

The **PROFESSIONAL** shall be responsible for the accuracy of all work, even though Drawings and Specifications have been accepted by the **OWNER**, and shall make all revisions or corrections resulting from errors and/or omissions on the part of the **PROFESSIONAL**, without additional compensation. By submission of reports, calculations and Drawings and Specifications to the **OWNER**, the **PROFESSIONAL** has made a statement that, to the best of its belief and knowledge, the information is accurate. Failure on the part of **PROFESSIONAL** to provide the expected level of accuracy may be grounds for the **OWNER** to terminate this Agreement.

6.7. Security Clause.

The **PROFESSIONAL** certifies that it shall not at any time release or divulge any information concerning the services covered by this Agreement to any person or any public or private organization except the **OWNER** without prior approval of the **OWNER** unless required by law.

6.8. Access to Records.

The **PROFESSIONAL** and its sub-**PROFESSIONALS** shall maintain all books, documents, papers, and accounting records relating to this service agreement, and make such

materials available at their respective offices at all reasonable times during the contract period and for three (3) years from the date of final payment under the contract for inspection by the **OWNER**, and copies thereof shall be furnished if requested. Failure to maintain such records for three (3) years after the date of final payment may be grounds for the **OWNER** to disqualify the **PROFESSIONAL** from consideration for future **PROFESSIONAL** service agreements.

6.9. Required Risk Management Provisions.

The Risk Management Provisions of RFP No. 21-2026 are incorporated herein by reference as if fully stated. Copies of the required Certificates of Insurance shall be provided to **OWNER** as required therein.

SECTION 7 - EQUAL EMPLOYMENT OPPORTUNITY

During the performance of this service agreement, the **PROFESSIONAL** agrees as follows:

- 7.1. The **PROFESSIONAL** will not discriminate against any employee or application for employment because of race, color, religion, national origin, sex, age or handicap. The **PROFESSIONAL** will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, national origin, sex, age or handicap. Such action shall include, but not be limited to the following: employment upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeships. The **PROFESSIONAL** agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this non-discrimination clause.
- 7.2 The **PROFESSIONAL** will, in all solicitations or advertisements for employees placed by or on behalf of the **PROFESSIONAL**, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, sex, age (between forty and seventy), or handicap.

SECTION 8 - SPECIAL PROVISIONS

- 8.1. This Agreement is subject to the following provisions.
 - 8.1.2. Pursuant to subparagraph 3.4 of this Agreement, **OWNER'S** representative is authorized to monitor, direct and review the performance of work of the **PROFESSIONAL**. Documents, data, reports and all matters associated with carrying out this Agreement shall be addressed to the **OWNER'S** representative or their designee. Questions by the **PROFESSIONAL** regarding interpretations of the terms, provisions and requirements under this Agreement shall be addressed to the **OWNER'S** representative or their designee. The **PROFESSIONAL** shall look only to the **OWNER'S** representative or their designee for direction in its performance

under this Agreement; no other direction shall be binding upon **OWNER**. **OWNER** shall respond to written requests by **PROFESSIONAL** within thirty (30) days.

- 8.2. NO THIRD PARTY RIGHTS.** This agreement does not create a contractual relationship with or right of action in favor of a third party against either **OWNER** or **PROFESSIONAL**.
- 8.3. UNENFORCEABLE TERMS/SURVIVABILITY.** If any term or provision of this Agreement shall be found to be illegal or unenforceable, this Agreement shall remain in full force and such term or provision shall be deemed stricken. The provisions of Section 6 of this Agreement shall survive its termination.
- 8.4. NON-WAIVER.** The failure of either party to enforce any right reserved to it in this Agreement shall not be a waiver of any such right to which the party is entitled.

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement as of the day and year first above written.

OWNER (LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT):

Signature: _____
MAYOR

Date: _____

ATTEST:

CLERK OF URBAN COUNTY COUNCIL

PROFESSIONAL (SOLAR ENERGY SOLUTIONS LLC):

Signature: _____

Printed Name: _____

Position: _____

Date: _____

COMMONWEALTH OF KENTUCKY
COUNTY OF (_____)

The foregoing instrument was subscribed, sworn to and acknowledged before me by

_____ as _____ for

and on behalf of _____, on this the _____ day of

_____, 20____.

My commission expires: _____

NOTARY PUBLIC, STATE AT LARGE, KY
4862-8745-9509, v. 1

EXHIBIT A
RFP 21-2026



Lexington-Fayette Urban County Government

Request for Proposals

The Lexington-Fayette Urban County Government hereby requests proposals for **RFP #21-2026 Solar PV Installation at Black & Williams Gymnasium** to be provided in accordance with terms, conditions and specifications established herein.

Sealed proposals will be received through Ion Wave until **2:00 PM**, prevailing local time, on **April 28, 2026**. All forms and information requested in RFP must be included and attached in Response Attachments tab in Ion Wave.

Proposals received after the date and time set for opening proposals will not be accepted. It is the sole responsibility of the Proposer to assure that his/her proposal is submitted in Ion Wave before the date and time set for opening proposals.

Proposals, once submitted, may not be withdrawn for a period of ninety (90) calendar days.

The Lexington-Fayette Urban County Government reserves the right to reject any or all proposals, and to waive technicalities and informalities when such waiver is determined by the Lexington-Fayette Urban County Government to be in its best interest.

Signature of this proposal by the Proposer constitutes acceptance by the Proposer of terms, conditions and requirements set forth herein.

Minor exceptions may not eliminate the proposal. Any exceptions to the specifications established herein shall be listed in detail on a separate sheet and attached hereto. The Lexington-Fayette Urban County Government shall determine whether any exception is minor.

The Lexington-Fayette Urban County Government encourages the participation of minority- and women-owned businesses in Lexington-Fayette Urban County Government contracts. This proposal is subject to Affirmative Action requirements attached hereto.

A pre-proposal conference has been scheduled for April 14, 2026, 1:00 pm, at 498 Georgetown St, Lexington, KY.

Please do not contact any LFUCG staff member or any other person involved in the selection process other than the designated contact person(s) regarding the project contemplated under this RFP while this RFP is open and a selection has not been finalized. Any attempt to do so may result in disqualification of the firm's submittal for consideration.

Laws and Regulations

All applicable state laws, municipal ordinances and regulations of all authorities having jurisdiction over the project shall apply to the contract, and shall be deemed to be incorporated herein by reference.

Equal Employment Opportunity

The Entity (regardless of whether construction contractor, non-construction contractor or supplier) agrees to provide equal opportunity in employment for all qualified persons, to prohibit discrimination in employment because of race, color, religion, sex (including pregnancy, sexual orientation or gender identity), national origin, disability, age, genetic information, political affiliation, or veteran status, and to promote equal employment through a positive, continuing program from itself and each of its sub-contracting agents. This program of equal employment opportunity shall apply to every aspect of its employment policies and practices.

Kentucky Equal Employment Opportunity Act

The Kentucky Equal Employment Opportunity Act of 1978 (KRS 45.560-45.640) requires that any "county, city, town, school district, water district, hospital district, or other political subdivision of the state shall include in directly or indirectly publicly funded contracts for supplies, materials, services, or equipment hereinafter entered into the following provisions:

"During the performance of this contract, the contractor agrees as follows:

- (1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, age, or national origin;
- (2) The contractor will state in all solicitations or advertisements for employees placed by or on behalf of the contractors that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age, or national origin;
- (3) The contractor will post notices in conspicuous places, available to employees and applicants for employment, setting forth the provision of the nondiscrimination clauses required by this section; and

(4) The contractor will send a notice to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding advising the labor union or workers' representative of the contractor's commitments under the nondiscrimination clauses."

The Act further provides:

"KRS 45.610. Hiring minorities -- Information required

(1) For the length of the contract, each contractor shall hire minorities from other sources within the drawing area, should the union with which he has collective bargaining agreements be unwilling to supply sufficient minorities to satisfy the agreed upon goals and timetables.

(2) Each contractor shall, for the length of the contract, furnish such information as required by KRS 45.560 to KRS 45.640 and by such rules, regulations and orders issued pursuant thereto and will permit access to all books and records pertaining to his employment practices and work sites by the contracting agency and the department for purposes of investigation to ascertain compliance with KRS 45.560 to 45.640 and such rules, regulations and orders issued pursuant thereto.

KRS 45.620. Action against contractor -- Hiring of minority contractor or subcontractor

(1) If any contractor is found by the department to have engaged in an unlawful practice under this chapter during the course of performing under a contract or subcontract covered under KRS 45.560 to 45.640, the department shall so certify to the contracting agency and such certification shall be binding upon the contracting agency unless it is reversed in the course of judicial review.

(2) If the contractor is found to have committed an unlawful practice under KRS 45.560 to 45.640, the contracting agency may cancel or terminate the contract, conditioned upon a program for future compliance approved by the contracting agency and the department. The contracting agency may declare such a contractor ineligible to bid on further contracts with that agency until such time as the contractor complies in full with the requirements of KRS 45.560 to 45.640.

(3) The equal employment provisions of KRS 45.560 to 45.640 may be met in part by a contractor by subcontracting to a minority contractor or subcontractor. For the provisions of KRS 45.560 to 45.640, a minority contractor or subcontractor shall mean a business that is owned and controlled by one or more persons disadvantaged by racial or ethnic circumstances.

KRS 45.630 Termination of existing employee not required, when

Any provision of KRS 45.560 to 45.640 notwithstanding, no contractor shall be required to terminate an existing employee upon proof that employee was employed prior to the date of the contract.

KRS 45.640 Minimum skills

Nothing in KRS 45.560 to 45.640 shall require a contractor to hire anyone who fails to demonstrate the minimum skills required to perform a particular job."

It is recommended that all of the provisions above quoted be included as special conditions in each contract. In the case of a contract exceeding \$250,000, the contractor is required to furnish evidence that his workforce in Kentucky is representative of the available work-force in the area from which he draws employees, or to supply an Affirmative Action plan which will achieve such representation during the life of the contract.

LFUCG Non-Appropriation Clause

Contractor acknowledges that the LFUCG is a governmental entity, and the contract validity is based upon the availability of public funding under the authority of its statutory mandate.

In the event that public funds are unavailable and not appropriated for the performance of the LFUCG's obligations under this contract, then this contract shall automatically expire without penalty to the LFUCG thirty (30) days after written notice to Contractor of the unavailability and non-appropriation of public funds. It is expressly agreed that the LFUCG shall not activate this non-appropriation provision for its convenience or to circumvent the requirements of this contract, but only as an emergency fiscal measure during a substantial fiscal crisis, which affects generally its governmental operations.

In the event of a change in the LFUCG's statutory authority, mandate and mandated functions, by state and federal legislative or regulatory action, which adversely affects the LFUCG's authority to continue its obligations under this contract, then this contract shall automatically terminate without penalty to the LFUCG upon written notice to Contractor of such limitation or change in the LFUCG's legal authority.

Contention Process

Vendors who respond to this invitation have the right to file a notice of contention associated with the RFP process or to file a notice of appeal of the recommendation made by the Director of Central Purchasing resulting from this invitation.

Notice of contention with the RFP process must be filed within 3 business days of the

bid/proposal opening by (1) sending a written notice, including sufficient documentation to support contention, to the Director of the Division of Central Purchasing or (2) submitting a written request for a meeting with the Director of Central Purchasing to explain his/her contention with the RFP process. After consulting with the Commissioner of Finance the Chief Administrative Officer and reviewing the documentation and/or hearing the vendor, the Director of Central Purchasing shall promptly respond in writing findings as to the compliance with RFP processes. If, based on this review, a RFP process irregularity is deemed to have occurred the Director of Central Purchasing will consult with the Commissioner of Finance, the Chief Administrative Officer and the Department of Law as to the appropriate remedy.

Notice of appeal of a RFP recommendation must be filed within 3 business days of the RFP recommendation by (1) sending a written notice, including sufficient documentation to support appeal, to the Director, Division of Central Purchasing or (2) submitting a written request for a meeting with the Director of Central Purchasing to explain his appeal. After reviewing the documentation and/or hearing the vendor and consulting with the Commissioner of Finance and the Chief Administrative Officer, the Director of Central Purchasing shall in writing, affirm or withdraw the recommendation.

SELECTION CRITERIA:

The LFUCG’s Selection Committee shall consider the following factors when it evaluates the proposals received:

Company Profile / Experience	15 points
Project Team	15 points
Technical Approach	30 points
Price Proposal	40 points
TOTAL	100 points

Proposals shall contain the appropriate information necessary to evaluate based on these criteria. A committee composed of government employees as well as representatives of relevant user groups will evaluate the proposals.

Questions regarding this RFP shall be addressed through:
<https://lexingtonky.ionwave.net>

Affirmative Action Plan

All vendors must submit as a part of the proposal package the following items to the Urban County Government:

1. Affirmative Action Plan for his/her firm;
2. Current Work Force Analysis Form;

Failure to submit these items as required may result in disqualification of the submitter from award of the contract

AFFIDAVIT

Comes the Affiant, _____, and after being first duly sworn, states under penalty of perjury as follows:

1. His/her name is _____ and he/she is the individual submitting the proposal or is the authorized representative of _____, the entity submitting the proposal (hereinafter referred to as "Proposer").

2. Proposer will pay all taxes and fees, which are owed to the Lexington-Fayette Urban County Government at the time the proposal is submitted, prior to award of the contract and will maintain a "current" status in regard to those taxes and fees during the life of the contract.

3. Proposer will obtain a Lexington-Fayette Urban County Government business license, if applicable, prior to award of the contract.

4. Proposer has authorized the Division of Central Purchasing to verify the above-mentioned information with the Division of Revenue and to disclose to the Urban County Council that taxes and/or fees are delinquent or that a business license has not been obtained.

5. Proposer has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky within the past five (5) years and the award of a contract to the Proposer will not violate any provision of the campaign finance laws of the Commonwealth.

6. Proposer has not knowingly violated any provision of Chapter 25 of the Lexington-Fayette Urban County Government Code of Ordinances, known as "Ethics Act."

Continued on next page

7. Proposer acknowledges that "knowingly" for purposes of this Affidavit means, with respect to conduct or to circumstances described by a statute or ordinance defining an offense, that a person is aware or should have been aware that his conduct is of that nature or that the circumstance exists.

8. Proposer will comply with all registration requirements as a contractor where required by Section 5-85 of the Code of Ordinances of the Lexington-Fayette Urban County Government. Proposer will utilize as subcontractors on the contract only contractors who are registered as required by Section 5-85 of the Code of Ordinances. Proposer will maintain a "current" status with regard to all contractor registration requirements during the life of the contract and will ensure that all subcontractors maintain a "current" status with regard to all contractor registration requirements during the life of the contract. Proposer has authorized the Division of Procurement to verify the registration of Bidder and Bidder's subcontractors with the Division of Building Inspection.

Further, Affiant sayeth naught.

STATE OF _____

COUNTY OF _____

The foregoing instrument was subscribed, sworn to and acknowledged before me
by _____ on this the _____ day
of _____, 20__.

My Commission expires: _____

**NOTARY PUBLIC, STATE AT LARGE
EQUAL OPPORTUNITY AGREEMENT**

Standard Title VI Assurance

The Lexington Fayette-Urban County Government, (hereinafter referred to as the "Recipient") hereby agrees that as a condition to receiving any Federal financial assistance from the U.S. Department of Transportation, it will comply with Title VI of the Civil Rights Act of 1964, 78Stat.252, 42 U.S.C. 2000d-4 (hereinafter referred to as the "Act"), and all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, (49 CFR, Part 21) Nondiscrimination in Federally Assisted Program of the Department of Transportation – Effectuation of Title VI of the Civil Rights Act of 1964 (hereinafter referred to as the "Regulations") and other pertinent directives, no person in the United States shall, on the grounds of race, color, national origin, sex, age (over 40), religion, sexual orientation, gender identity, veteran status, or disability be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the Recipient receives Federal financial assistance from the U.S. Department of Transportation, including the Federal Highway Administration, and hereby gives assurance that will promptly take any necessary measures to effectuate this agreement. This assurance is required by subsection 21.7(a) (1) of the Regulations.

The Law

- Title VII of the Civil Rights Act of 1964 (amended 1972) states that it is unlawful for an employer to discriminate in employment because of race, color, religion, sex, age (40-70 years) or national origin.
- Executive Order No. 11246 on Nondiscrimination under Federal contract prohibits employment discrimination by contractor and sub-contractor doing business with the Federal Government or recipients of Federal funds. This order was later amended by Executive Order No. 11375 to prohibit discrimination on the basis of sex.
- Section 503 of the Rehabilitation Act of 1973 states:

The Contractor will not discriminate against any employee or applicant for employment because of physical or mental handicap.

- Section 2012 of the Vietnam Era Veterans Readjustment Act of 1973 requires Affirmative Action on behalf of disabled veterans and veterans of the Vietnam Era by contractors having Federal contracts.
- Section 206(A) of Executive Order 12086, Consolidation of Contract Compliance Functions for Equal Employment Opportunity, states:

The Secretary of Labor may investigate the employment practices of any Government contractor or sub-contractor to determine whether or not the contractual provisions specified in Section 202 of this order have been violated.

The Lexington-Fayette Urban County Government practices Equal Opportunity in recruiting, hiring and promoting. It is the Government's intent to affirmatively provide employment opportunities for those individuals who have previously not been allowed to enter into the mainstream of society. Because of its importance to the local Government, this policy carries the full endorsement of the Mayor, Commissioners, Directors and all supervisory personnel. In following this commitment to Equal Employment Opportunity and because the Government is the benefactor of the Federal funds, it is both against the Urban County Government policy and illegal for the Government to let contracts to companies which knowingly or unknowingly practice discrimination

in their employment practices. Violation of the above mentioned ordinances may cause a contract to be canceled and the contractors may be declared ineligible for future consideration.

Please sign this statement in the appropriate space acknowledging that you have read and understand the provisions contained herein. Return this document as part of your application packet.

Bidders

I/We agree to comply with the Civil Rights Laws listed above that govern employment rights of minorities, women, Vietnam veterans, handicapped and aged persons.

Signature

Name of Business

WORKFORCE ANALYSIS FORM

Name of Organization: _____

Categories	Total	White (Not Hispanic or Latino)		Hispanic or Latino		Black or African-American (Not Hispanic or Latino)		Native Hawaiian and Other Pacific Islander (Not Hispanic or Latino)		Asian (Not Hispanic or Latino)		American Indian or Alaskan Native (not Hispanic or Latino)		Two or more races (Not Hispanic or Latino)		Total	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Administrators																	
Professionals																	
Superintendents																	
Supervisors																	
Foremen																	
Technicians																	
Protective Service																	
Para-Professionals																	
Office/Clerical																	
Skilled Craft																	
Service/Maintenance																	
Total:																	

Prepared by: _____ Date: ____/____/____

(Name and Title)

Revised 2015-Dec-15

**DIRECTOR, DIVISION OF PROCUREMENT
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT
200 EAST MAIN STREET
LEXINGTON, KENTUCKY 40507**

**NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL
EMPLOYMENT OPPORTUNITIES AND DBE CONTRACT PARTICIPATION**

The Lexington-Fayette Urban County Government has a Certified Minority and Women Business Enterprise seventeen percent (17%) minimum goal including minimum subgoals of five percent (5%) for Minority Business Enterprises (MBE) and a subgoal of twelve percent (12%) for Women Business Enterprises (WBE); a three (3%) minimum goal for Certified Veteran-Owned Small Businesses and/or Certified Service- Disabled Veteran Owned Businesses; and a goal of utilizing Disadvantaged Business Enterprises (DBE), where applicable, for government contracts.

For assistance in locating certified DBEs, MBEs, WBEs, VOSBs and/or VOSBs, contact Sherita Miller at 859/258-3320 or by writing the address listed below:

Sherita Miller, MPA, CPSD
Minority Business Enterprise Liaison
Division of Procurement
Lexington-Fayette Urban County Government
200 East Main Street
Lexington, Kentucky 40507
smiller@lexingtonky.gov
859-258-3323

Firm Submitting Proposal: _____

Complete Address: _____
Street City Zip

Contact Name: _____ Title: _____

Telephone Number: _____ Fax Number: _____

Email address: _____



LEXINGTON

MINORITY BUSINESS ENTERPRISE PROGRAM

Sherita Miller, MPA, CPSD
Minority Business Enterprise Liaison
Division of Procurement
Lexington-Fayette Urban County Government
200 East Main Street
Lexington, KY 40507
smiller@lexingtonky.gov
859-258-3323

OUR MISSION: The mission of the Minority Business Enterprise Program (MBEP) is to facilitate the full participation of minority and women owned businesses in the procurement process and to promote economic inclusion as a business imperative essential to the long- term economic viability of Lexington-Fayette Urban County Government.

To that end the urban county council adopted and implemented Resolution 272-2024 – a Certified Minority and Women Business Enterprise seventeen percent (17%) minimum goal including minimum subgoals of five percent (5%) for Minority Business Enterprises (MBE) and a subgoal of twelve percent (12%) for Women Business Enterprises (WBE); a three (3%) minimum goal for Certified Veteran-Owned Small Businesses and/or Certified Service- Disabled Veteran Owned Businesses; and a goal of utilizing Disadvantaged Business Enterprises (DBE), where applicable, for government contracts.

The resolution states the following definitions shall be used for the purposes of reaching these goals:

Certified Disadvantaged Business Enterprise (DBE) – a business in which at least fifty-one percent (51%) is owned, managed and controlled by a person(s) who is socially and economically disadvantaged as define by 49 CFR subpart 26.

Certified Minority Business Enterprise (MBE) – a business in which at least fifty-one percent (51%) is owned, managed and controlled by an ethnic minority (i.e. Black American, Asian American, Hispanic American, Native American)

Certified Women Business Enterprise (WBE) – a business in which at least fifty-one percent (51%) is owned, managed and controlled by a woman.

Certified Veteran-Owned Small Business (VOSB) – a business in which at least fifty-one percent (51%) is owned, managed and controlled by a veteran who served on active duty with the U.S. Army, Air Force, Navy, Marines or Coast Guard.

Certified Service -Disabled Veteran Owned Small Business (SDVOSB) – a business in which at least fifty-one percent (51%) is owned, managed and controlled by a disabled veteran who served on active duty with the U.S. Army, Air Force, Navy, Marines or Coast Guard.

The term “Certified” shall mean the business is appropriately certified, licensed, verified, or validated by an organization or entity recognized by the Division of Procurement as having the appropriate credentials to make a determination as to the status of the business.

The following certifications are recognized and accepted by the MBEP:

Kentucky Transportation Cabinet (KYTC), Disadvantaged Business Enterprise (DBE)

Kentucky Minority and Women Business Enterprise (MWBE)

Women’s Business Enterprise National Council (WBENC)

National Women Business Owners Corporation (NWBOC)

National Minority Supplier Development Council (NMSDC)

Tri-State Minority Supplier Development Council (TSMSSDC)

U.S. Small Business Administration Veteran Small Business Certification (VetCert)

Kentucky Service- Disabled Veteran Owned Small Business (SDVOSB)

To comply with Resolution 272-2024, prime contractors, minority and women business enterprises, veteran owned small businesses, and service-disabled veteran owned small businesses must complete monthly contract compliance audits in the Diverse Business Management Compliance system, <https://lexingtonky.diversitycompliance.com/>

A list of organizations that certify and/or maintain lists of certified businesses (i.e. DBE, MBE, WBE, VOSB and/or SDVOSB) is available upon request by emailing, Sherita Miller, smiller@lexingtonky.gov.



LEXINGTON

LFUCG MWDBE PARTICIPATION FORM

Bid/RFP/Quote Reference # _____

The MWDBE and/or veteran subcontractors listed have agreed to participate on this Bid/RFP/Quote. If any substitution is made or the total value of the work is changed prior to or after the job is in progress, it is understood that those substitutions must be submitted to the Division of Procurement for approval immediately. **Failure to submit a completed form may cause rejection of the bid.**

MWBE Company, Name, Address, Phone, Email	DBE/MBE WBE/VOSB/SDVOSB	Work to be Performed	Total Dollar Value of the Work	% Value of Total Contract
1.				
2.				
3.				
4.				

The undersigned company representative submits the above list of MDWBE and veteran firms to be used in accomplishing the work contained in this Bid/RFP/Quote. Any misrepresentation may result in the termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

Company

Company Representative

Date

Title



LEXINGTON

LFUCG MWDBE SUBSTITUTION FORM

Bid/RFP/Quote Reference # _____

The substituted MWDBE and/or veteran subcontractors listed below have agreed to participate on this Bid/RFP/Quote. These substitutions were made prior to or after the job was in progress. These substitutions were made for reasons stated below and are now being submitted to the Division of Procurement for approval. By the authorized signature of a representative of our company, we understand that this information will be entered into our file for this project. **Note: Form required if a subcontractor is being substituted on a contract.**

SUBSTITUTED DBE/MBE/WBE/VOSB Company Name, Address, Phone, Email	DBE/MBE/WBE/VOSB/SDVOSB Formally Contracted/ Name, Address, Phone, Email	Work to Be Performed	Reason for the Substitution	Total Dollar Value of the Work	% Value of Total Contract
1.					
2.					
3.					
4.					

The undersigned acknowledges that any misrepresentation may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

Company

Company Representative

Date

Title



LEXINGTON

DOCUMENTATION REQUIRED FOR GOOD FAITH EFFORTS AND OUTREACH PLANS

As affirmed in Resolution Number 272-2024, the Urban County Council has adopted an annual aspirational goal of utilizing at least seventeen percent (17%) of public funds spend from certain discretionary agreements with certified Minority Business Enterprises (MBEs) and certified Woman Business Enterprises (WBEs); utilizing at least three percent (3%) of public funds from certain discretionary agreements with Certified Veteran-Owned Small Business and Certified Service-Disabled Veteran-Owned Small Businesses (VOSBs); and utilizing Disadvantaged Business Enterprises (DBEs) where applicable. Bidders should make every effort to achieve these goals.

Therefore, as an element of the responsiveness of the bid, all Bidders are required to submit documentation of their good faith and outreach efforts to ensure all businesses, including small and disadvantaged businesses such as minority-, woman-, and veteran-owned businesses, have an equal opportunity to compete for and participate in the performance of any subcontracts resulting from this procurement. Examples of good faith and outreach efforts that satisfy this requirement to encourage the participation of, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs include:

1. Advertised opportunities to participate in the contract in at least two (2) publications of general circulation media; trade and professional association publications; small and minority business or trade publications; and publications or trades targeting minority, women, and disadvantaged businesses not less than fifteen (15) days prior to the deadline for submission of bids to allow, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs to participate.
2. Attended LFUCG Procurement Economic Inclusion Outreach event(s) within the past year to meet new small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs to partner with on LFUCG contracts and procurements.
3. Attended pre-bid/pre-proposal meetings that were scheduled by LFUCG to inform small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs of subcontracting opportunities.
4. Sponsored Economic Inclusion event to provide networking opportunities for prime contractors and small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs.
5. Requested a list of certified small, DBE, MBE, WBE, VOSB and/or SDVOSB subcontractors or suppliers from LFUCG and showed evidence of contacting the companies on the list(s).
6. Contacted organizations that work with small, DBE, MBE, WBE, and VOSB companies for assistance in finding certified DBEs, MBEs, WBEs, VOSB and/or SDVOSBs to work

on this project. Those contacted and their responses must be a part of the bidder's outreach efforts documentation.

7. Sent written notices, by certified mail, email, or facsimile, to qualified, certified small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs soliciting their participation in the contract not less than seven (7) days prior to the deadline for submission of bids to allow them to participate effectively.
8. Followed up initial solicitations by contacting small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs via tailored communications to determine their level of interest.
9. Provided the interested small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs with adequate and timely information about the plans, specifications, and requirements of the contract.
10. Selected portions of the work to be performed by small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs in order to increase the likelihood of subcontracting participation. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate small, DBE, MBE, WBE, VOSB and/or SDVOSB participation, even when the prime contractor may otherwise perform these work items with its own workforce.
11. Negotiated in good faith with interested small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs, not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities. Any rejection must be so noted in writing with a description as to why an agreement could not be reached.
12. Included documentation of quotations received from interested small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs that were not used due to uncompetitive pricing or were rejected as unacceptable and/or copies of responses from firms indicating that they would not be submitting a bid.
 - a. Bidder has to submit sound reasons why the quotations were considered unacceptable. The fact that the bidder has the ability and/or desire to perform the contract work with its own forces will not be considered a sound reason for rejecting a small business', DBE's MBE's, WBE's, VOSB's and/or SDVOSB's quote. Nothing in this provision shall be construed to require the bidder to accept unreasonable quotes in order to satisfy the participation goals.
13. Made an effort to offer assistance to or refer interested small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs to obtain the necessary equipment, supplies, materials, insurance and/or bonding to satisfy the work requirements of the bid proposal.

14. Made efforts to expand the search for small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs beyond the usual geographic boundaries.
15. Other – any other evidence that the bidder submits that may demonstrate that the bidder has made reasonable efforts to include small, DBE, MBE, WBE, VOSB and/or SDVOSB participation.

Bidder must document, with specificity, each of the efforts it made to include small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs as subcontractors in the procurement, including the date on which each effort was made, the medium through which each effort was made, and the outcome of each effort.

Note: Failure to submit the documentation requested in this section may be cause for rejection of bid. Bidders may include any other documentation deemed relevant to this requirement which is subject to review by the MBE Liaison. Documentation of Good Faith and Outreach Efforts must be submitted with the Bid, regardless of the proposed level of small, DBE, MBE, WBE, VOSB and/or SDVOSB participation in the procurement. If the Good Faith and Outreach Effort documentation is not submitted with the bid response, the bid may be rejected.

OUTREACH EFFORTS EVALUATION

Outreach efforts demonstrated by the bidder or respondent will be evaluated on a pass/fail basis.

ATTACHMENT A – SMALL AND DISADVANTAGED, MINORITY-, WOMEN-, AND VETERAN-OWNED BUSINESS OUTREACH PLAN

Proposer Name:	_____	Date:	_____
Project Name:	_____	Project Number:	_____
Contact Name:	_____	Telephone:	_____
Email:	_____		

The mission of the Minority Business Enterprise Program is to facilitate the full participation of disadvantaged businesses, minority-, women-, veteran-, and service-disabled veteran-owned businesses in the procurement process and to promote economic inclusion as a business imperative essential to the long-term economic viability of Lexington-Fayette Urban County Government.

To that end, small and disadvantaged businesses, including minority-, woman-, veteran-, and service-disabled veteran-owned businesses, must have an equal opportunity to be utilized in the performance of contracts with public funds spent from certain discretionary agreements. By submitting its offer, Bidder/Proposer certifies that it has taken, and if there are further opportunities will take, reasonable steps to ensure that small and disadvantaged businesses, including minority-, woman-, veteran-, and service-disabled veteran-owned businesses, are provided an equal opportunity to compete for and participate in the performance of any subcontracts resulting from this procurement.

The information submitted in response to this clause will not be considered in any scored evaluation. Failure to submit this form may cause the bid or proposal to be rejected.

Is the Bidder/ Proposer a certified firm? Yes No

If yes, indicate all certification type(s):

DBE MBE WBE SBE VOSB/SDVOSB

and supply a copy of the certificate and/or certification letter if not currently listed on the city's Minority Business Enterprise Program's (MBEP) certified list.

1. Include a list of firms that Bidder/ Proposer has had a contractual relationship with within the last two years that are minority-owned, woman-owned, veteran-owned or small businesses, regardless of their certification status.

2. Does Bidder/Proposer foresee any subcontracting opportunities for this procurement?

Yes No

If no, please explain why in the field below. Do not complete the rest of this form and submit this first page with your bid and/or proposal. (Click or tap here to enter text.)

If yes, please complete the following pages and submit all pages with your bid and/or proposal.

Describe the steps Bidder/Proposer took to solicit small and disadvantaged businesses, including MBEs, WBEs, VOSBs, and SDVOSBs, for subcontracting opportunities for this procurement.

3. Check the good faith and outreach efforts the Bidder/Proposer used to encourage the participation of small and disadvantaged businesses including, MBEs, WBEs, VOSBs and SDVOSBs:

- Bidder placed advertisements in search of prospective small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs for the solicitation.
- Bidder attended LFUCG Procurement Economic Inclusion Outreach event(s) within the past year.
- Bidder attended pre-bid and/or pre-proposal meetings for this solicitation.
- Bidder sponsored an Economic Inclusion Outreach event.
- Bidder requested a list of certified small, DBE, MBE, WBE, VOSB and/or SDVOSB subcontractors or suppliers from LFUCG.
- Bidder contacted organizations that work with small, DBE, MBE, WBE, VOSB and/or SDVOSB companies.
- Bidder sent written notices to certified small, DBE, MBE, WBE, VOSB and SDVOSB businesses.
- Bidder followed up to initial solicitations with interested small, DBE, MBE, WBE, VOSB and/or SDVOSB.
- Bidder provided small, DBE, MBE, WBE, VOSB and/or SDVOSB businesses interested in performing the solicited work with prompt access to the plans, specifications, scope of work, and requirements of the solicitation.
- Bidder made efforts to segment portions of the work to be performed by small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs, including dividing sub-bid/partnership opportunities into economically feasible units/parcels, to facilitate participation.

- Bidder negotiated in good faith with interested small, DBE, MBE, WBE, VOSB and/or SDVOSB businesses.
- Bidder provided adequate rationale for rejecting any small business', DBEs, MBEs, WBEs, VOSBs or SDVOSBs for lack of qualifications.
- Bidder offered assistance in obtaining bonding, insurance, financial, equipment, or other resources to small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs, in an effort to assist them in meeting project requirements.
- Bidder made efforts to expand the search for small businesses, DBEs MBEs, WBEs, VOSBs and/or SDVOSBs beyond the usual geographic boundaries.
- Bidder made other reasonable efforts to include small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs participation.

4. Bidder/Proposer must include documentation, including the date each effort was made, the medium through which each effort was made, and the outcome of each effort with this form, regardless of the level of small, DBE, MBE, WBE, VOSB and/or SDVOSB participation. Examples of required documentation include copies of email communications, copies of newspaper advertisements, or copies of quotations received from interested small businesses, DBEs, MBEs, WBEs, VOSBs or SDVOSBs.

 (Click or tap here to enter text.)

For detailed information regarding outreach efforts that satisfy the MBE Program's requirements, please see "Documentation Required for Good Faith Efforts and Outreach Plans" page.

Note: The Bidder/Proposer must be willing to report the identity of each subcontractor and the value of each subcontract to MBEP if awarded a contract from this procurement.

Failure to submit the documentation requested may be cause for rejection of the bid. Bidders may include any other documentation deemed relevant to this requirement, which is subject to review by the MBE Liaison. Documentation of Good Faith and Outreach Efforts must be submitted with the bid, regardless of the proposed level of SBEs, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs participation in the procurement. If the Good Faith and Outreach Effort Form and associated documentation is not submitted with the bid response, the bid may be rejected.

The undersigned acknowledges that all information is accurate. Any misrepresentations may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and claims.

Company

Company Representative

Date

Title

GENERAL PROVISIONS

1. Each Respondent shall comply with all Federal, State & Local regulations concerning this type of service or good.

The Respondent agrees to comply with all statutes, rules, and regulations governing safe and healthful working conditions, including the Occupational Health and Safety Act of 1970, *29 U.S.C. 650 et. seq.*, as amended, and KRS Chapter 338. The Respondent also agrees to notify the LFUCG in writing immediately upon detection of any unsafe and/or unhealthful working conditions at the job site. The Respondent agrees to indemnify, defend and hold the LFUCG harmless from all penalties, fines or other expenses arising out of the alleged violation of said laws.

2. Failure to submit ALL forms and information required in this RFP may be grounds for disqualification.
3. Addenda: All addenda and IonWave Q&A, if any, shall be considered in making the proposal, and such addenda shall be made a part of this RFP. Before submitting a proposal, it is incumbent upon each proposer to be informed as to whether any addenda have been issued, and the failure to cover in the bid any such addenda may result in disqualification of that proposal.
4. Proposal Reservations: LFUCG reserves the right to reject any or all proposals, to award in whole or part, and to waive minor immaterial defects in proposals. LFUCG may consider any alternative proposal that meets its basic needs.
5. Liability: LFUCG is not responsible for any cost incurred by a Respondent in the preparation of proposals.
6. Changes/Alterations: Respondent may change or withdraw a proposal at any time prior to the opening; however, no oral modifications will be allowed. Only letters, or other formal written requests for modifications or corrections of a previously submitted proposal which is addressed in the same manner as the proposal, and received by LFUCG prior to the scheduled closing time for receipt of proposals, will be accepted. The proposal, when opened, will then be corrected in accordance with such written request(s), provided that the written request is contained in a sealed envelope which is plainly marked "modifications of proposal".
7. Clarification of Submittal: LFUCG reserves the right to obtain clarification of any point in a bid or to obtain additional information from a Respondent.
8. Bribery Clause: By his/her signature on the bid, Respondent certifies that no employee of his/hers, any affiliate or Subcontractor, has bribed or attempted to bribe an officer or employee of the LFUCG.

9. Additional Information: While not necessary, the Respondent may include any product brochures, software documentation, sample reports, or other documentation that may assist LFUCG in better understanding and evaluating the Respondent's response. Additional documentation shall not serve as a substitute for other documentation which is required by this RFP to be submitted with the proposal,
10. Ambiguity, Conflict or other Errors in RFP: If a Respondent discovers any ambiguity, conflict, discrepancy, omission or other error in the RFP, it shall immediately notify LFUCG of such error in writing and request modification or clarification of the document if allowable by the LFUCG.
11. Agreement to Bid Terms: In submitting this proposal, the Respondent agrees that it has carefully examined the specifications and all provisions relating to the work to be done attached hereto and made part of this proposal. By acceptance of a Contract under this RFP, proposer states that it understands the meaning, intent and requirements of the RFP and agrees to the same. The successful Respondent shall warrant that it is familiar with and understands all provisions herein and shall warrant that it can comply with them. No additional compensation to Respondent shall be authorized for services or expenses reasonably covered under these provisions that the proposer omits from its Proposal.
12. Cancellation: If the services to be performed hereunder by the Respondent are not performed in an acceptable manner to the LFUCG, the LFUCG may cancel this contract for cause by providing written notice to the proposer, giving at least thirty (30) days notice of the proposed cancellation and the reasons for same. During that time period, the proposer may seek to bring the performance of services hereunder to a level that is acceptable to the LFUCG, and the LFUCG may rescind the cancellation if such action is in its best interest.

A. Termination for Cause

- (1) LFUCG may terminate a contract because of the contractor's failure to perform its contractual duties
- (2) If a contractor is determined to be in default, LFUCG shall notify the contractor of the determination in writing, and may include a specified date by which the contractor shall cure the identified deficiencies. LFUCG may proceed with termination if the contractor fails to cure the deficiencies within the specified time.
- (3) A default in performance by a contractor for which a contract may be terminated shall include, but shall not necessarily be limited to:
 - (a) Failure to perform the contract according to its terms, conditions and specifications;
 - (b) Failure to make delivery within the time specified or according

- to a delivery schedule fixed by the contract;
- (c) Late payment or nonpayment of bills for labor, materials, supplies, or equipment furnished in connection with a contract for construction services as evidenced by mechanics' liens filed pursuant to the provisions of KRS Chapter 376, or letters of indebtedness received from creditors by the purchasing agency;
 - (d) Failure to diligently advance the work under a contract for construction services;
 - (e) The filing of a bankruptcy petition by or against the contractor; or
 - (f) Actions that endanger the health, safety or welfare of the LFUCG or its citizens.

B. At Will Termination

Notwithstanding the above provisions, the LFUCG may terminate this contract at will in accordance with the law upon providing thirty (30) days written notice of that intent, Payment for services or goods received prior to termination shall be made by the LFUCG provided these goods or services were provided in a manner acceptable to the LFUCG. Payment for those goods and services shall not be unreasonably withheld.

13. **Assignment of Contract:** The contractor shall not assign or subcontract any portion of the Contract without the express written consent of LFUCG. Any purported assignment or subcontract in violation hereof shall be void. It is expressly acknowledged that LFUCG shall never be required or obligated to consent to any request for assignment or subcontract; and further that such refusal to consent can be for any or no reason, fully within the sole discretion of LFUCG.
14. **No Waiver:** No failure or delay by LFUCG in exercising any right, remedy, power or privilege hereunder, nor any single or partial exercise thereof, nor the exercise of any other right, remedy, power or privilege shall operate as a waiver hereof or thereof. No failure or delay by LFUCG in exercising any right, remedy, power or privilege under or in respect of this Contract shall affect the rights, remedies, powers or privileges of LFUCG hereunder or shall operate as a waiver thereof.
15. **Authority to do Business:** The Respondent must be a duly organized and authorized to do business under the laws of Kentucky. Respondent must be in good standing and have full legal capacity to provide the services specified under this Contract. The Respondent must have all necessary right and lawful authority to enter into this Contract for the full term hereof and that proper corporate or other action has been duly taken authorizing the Respondent to enter into this Contract. The Respondent will provide LFUCG with a copy of a corporate resolution authorizing this action and a letter from an attorney confirming that the proposer is authorized to do business in the State of Kentucky if requested. All proposals must

be signed by a duly authorized officer, agent or employee of the Respondent.

16. **Governing Law:** This Contract shall be governed by and construed in accordance with the laws of the Commonwealth of Kentucky. In the event of any proceedings regarding this Contract, the Parties agree that the venue shall be the Fayette County Circuit Court or the U.S. District Court for the Eastern District of Kentucky, Lexington Division. All parties expressly consent to personal jurisdiction and venue in such Court for the limited and sole purpose of proceedings relating to this Contract or any rights or obligations arising thereunder. Service of process may be accomplished by following the procedures prescribed by law.
17. **Ability to Meet Obligations:** Respondent affirmatively states that there are no actions, suits or proceedings of any kind pending against Respondent or, to the knowledge of the Respondent, threatened against the Respondent before or by any court, governmental body or agency or other tribunal or authority which would, if adversely determined, have a materially adverse effect on the authority or ability of Respondent to perform its obligations under this Contract, or which question the legality, validity or enforceability hereof or thereof.
18. Contractor understands and agrees that its employees, agents, or subcontractors are not employees of LFUCG for any purpose whatsoever. Contractor is an independent contractor at all times during the performance of the services specified.
19. If any term or provision of this Contract shall be found to be illegal or unenforceable, the remainder of the contract shall remain in full force and such term or provision shall be deemed stricken.
20. Contractor [or Vendor or Vendor's Employees] will not appropriate or make use of the Lexington-Fayette Urban County Government (LFUCG) name or any of its trade or service marks or property (including but not limited to any logo or seal), in any promotion, endorsement, advertisement, testimonial or similar use without the prior written consent of the government. If such consent is granted LFUCG reserves the unilateral right, in its sole discretion, to immediately terminate and revoke such use for any reason whatsoever. Contractor agrees that it shall cease and desist from any unauthorized use immediately upon being notified by LFUCG.

Signature

Date

**RISK MANAGEMENT PROVISIONS
INSURANCE AND INDEMNIFICATION**

INDEMNIFICATION AND HOLD HARMLESS PROVISION

- (1) It is understood and agreed by the parties that Contractor hereby assumes the entire responsibility and liability for any and all damages to persons or property caused by or resulting from or arising out of any act or omission on the part of Contractor or its employees, agents, servants, owners, principals, licensees, assigns or subcontractors of any tier (hereinafter "CONTRACTOR") under or in connection with this agreement and/or the provision of goods or services and the performance or failure to perform any work required thereby.
- (2) CONTRACTOR shall indemnify, save, hold harmless and defend the Lexington-Fayette Urban County Government and its elected and appointed officials, employees, agents, volunteers, and successors in interest (hereinafter "LFUCG") from and against all liability, damages, and losses, including but not limited to, demands, claims, obligations, causes of action, judgments, penalties, fines, liens, costs, expenses, interest, defense costs and reasonable attorney's fees that are in any way incidental to or connected with, or that arise or are alleged to have arisen, directly or indirectly, from or by CONTRACTOR's performance or breach of the agreement and/or the provision of goods or services provided that: (a) it is attributable to personal injury, bodily injury, sickness, or death, or to injury to or destruction of property (including the loss of use resulting therefrom), or to or from the negligent acts, errors or omissions or willful misconduct of the CONTRACTOR; and (b) not caused solely by the active negligence or willful misconduct of LFUCG.
- (3) In the event LFUCG is alleged to be liable based upon the above, CONTRACTOR shall defend such allegations and shall bear all costs, fees and expenses of such defense, including but not limited to, all reasonable attorneys' fees and expenses, court costs, and expert witness fees and expenses, using attorneys approved in writing by LFUCG, which approval shall not be unreasonably withheld.
- (4) These provisions shall in no way be limited by any financial responsibility or insurance requirements, and shall survive the termination of this agreement.
- (5) LFUCG is a political subdivision of the Commonwealth of Kentucky. CONTRACTOR acknowledges and agrees that LFUCG is unable to provide indemnity or otherwise save, hold harmless, or defend the CONTRACTOR in any manner.
- (6) Notwithstanding, the foregoing with respect to any professional services performed by CONTRACTOR hereunder (and to the fullest extent permitted by law), CONTRACTOR shall indemnify, save, hold harmless and defend LFUCG from and against any and all liability, damages and losses, including but not limited to, demands, claims, obligations, causes of action, judgments, penalties, fines, liens, costs, expenses, interest, defense costs and reasonable attorney's fees, for any damage due to death or injury to any person or injury to any property (including the loss of use resulting therefrom) to the extent arising out of, pertaining to or relating to the negligence, recklessness or willful misconduct of CONTRACTOR in the performance of this agreement.

FINANCIAL RESPONSIBILITY

BIDDER/CONTRACTOR understands and agrees that it shall demonstrate the ability to assure compliance with the above Indemnity provisions and these other risk management provisions prior to final acceptance of its bid and the commencement of any work or provision of goods.

INSURANCE REQUIREMENTS

YOUR ATTENTION IS DIRECTED TO THE INSURANCE REQUIREMENTS BELOW, AND YOU MAY NEED TO CONFER WITH YOUR INSURANCE AGENTS, BROKERS, OR CARRIERS TO DETERMINE IN ADVANCE OF SUBMISSION OF A RESPONSE THE AVAILABILITY OF THE INSURANCE COVERAGES AND ENDORSEMENTS REQUIRED HEREIN. IF YOU FAIL TO COMPLY WITH THE INSURANCE REQUIREMENTS BELOW, YOU MAY BE DISQUALIFIED FROM AWARD OF THE CONTRACT.

Required Insurance Coverage

BIDDER/CONTRACTOR shall procure and maintain for the duration of this contract the following or equivalent insurance policies at no less than the limits shown below and cause its subcontractors to maintain similar insurance with limits acceptable to LFUCG in order to protect LFUCG against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by CONTRACTOR. The cost of such insurance shall be included in any bid:

<u>Coverage</u>	<u>Limits</u>
General Liability (Insurance Services Office Form CG 00 01)	\$1 million per occurrence, \$2 million aggregate or \$2 million combined single limit
Auto Liability	\$1 million per occurrence
Worker's Compensation	Statutory
Employer's Liability	\$100K
Professional (E&O) Liability	\$1 million per claim

The policies above shall contain the following conditions:

- a. All Certificates of Insurance forms used by the insurance carrier shall be properly filed and approved by the Department of Insurance for the Commonwealth of Kentucky (DOI). LFUCG shall be named as an additional insured in the General Liability Policy and Commercial Automobile Liability Policy using the Kentucky DOI approved forms.
- b. The General Liability Policy shall be primary to any insurance or self-insurance retained by LFUCG.
- c. LFUCG shall be provided at least 30 days advance written notice via certified mail, return receipt requested, in the event any of the required policies are canceled or non-renewed.
- d. Said coverage shall be written by insurers acceptable to LFUCG and shall be in a form acceptable to LFUCG. Insurance placed with insurers with a rating classification of no less than Excellent (A or A-) and a financial size category of no less than VIII, as defined by the most current Best's Key Rating Guide shall be deemed automatically acceptable.

Renewals

After insurance has been approved by LFUCG, evidence of renewal of an expiring policy must be submitted to LFUCG, and may be submitted on a manually signed renewal endorsement form. If the policy or carrier has changed, however, new evidence of coverage must be submitted in accordance with these Insurance Requirements.

Deductibles and Self-Insured Programs

IF YOU INTEND TO SUBMIT A SELF-INSURANCE PLAN IT MUST BE FORWARDED TO LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, DIVISION OF RISK MANAGEMENT, 200 EAST MAIN STREET, LEXINGTON, KENTUCKY 40507 NO LATER THAN A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO THE RESPONSE DATE. Self-insurance programs, deductibles, and self-insured retentions in insurance policies are subject to separate approval by Lexington-Fayette Urban County Government's Division of Risk Management, upon review of evidence of BIDDER/CONTRACTOR's financial capacity to respond to claims. Any such programs or retentions must provide LFUCG with at least the same protection from liability and defense of suits as would be afforded by first-dollar insurance coverage

Safety and Loss Control

CONTRACTOR shall comply with all applicable federal, state, and local safety standards related to the performance of its works or services under this Agreement and take necessary action to protect the life, health and safety and property of all of its personnel on the job site, the public, and LFUCG.

Verification of Coverage

BIDDER/CONTRACTOR agrees to furnish LFUCG with all applicable Certificates of Insurance signed by a person authorized by the insurer to bind coverage on its behalf prior to final award, and if requested, shall provide LFUCG copies of all insurance policies, including all endorsements.

Right to Review, Audit and Inspect

CONTRACTOR understands and agrees that LFUCG may review, audit and inspect any and all of its records and operations to insure compliance with these Insurance Requirements.

DEFAULT

BIDDER/CONTRACTOR understands and agrees that the failure to comply with any of these insurance, safety, or loss control provisions shall constitute default and that LFUCG may elect at its option any single remedy or penalty or any combination of remedies and penalties, as available, including but not limited to purchasing insurance and charging BIDDER/CONTRACTOR for any such insurance premiums purchased, or suspending or terminating the work.

SCOPE OF WORK

Location

498 Georgetown St, Black & Williams Gymnasium

Introduction

LFUCG is soliciting proposals from qualified solar PV providers to design and install a ballasted solar photovoltaic system at the Black & Williams Gymnasium. Respondents must demonstrate experience designing, planning, permitting and constructing complete solar electric systems in the jurisdiction of the local utility provider.

An award under this RFP will be made to the respondent with the overall best value proposal, not necessarily the lowest price. Proposals will be evaluated and scored based on the evaluation criteria defined herein.

System Requirements

Total capacity of the system shall not exceed 12 kW-dc.

Ballast block shall conform to ASTM C90 and ASTM C1884.

Clearance around the roof gutter shall be no less than four (4) inches. Refer to **Figure 01**.

The installed system shall not invalidate the existing GENFLEX roof warranty. Required modifications shall be performed by a GENFLEX approved roofing contractor, including all documentation and any necessary inspections. Refer to attached files **Overburden.pdf** and **RoofWarranty.pdf**

All components shall be UL listed for their designed use. Construction must comply with current adopted building codes, which includes: International Building Code, National Electric Code, and National Fire Code.

Modules shall be UL1703 or UL61730 listed with a product warranty of at least 12 years and a performance warranty of no less than 82% after 25 years.

Inverters shall be UL1741 listed with a product warranty of at least 10 years and a weighted efficiency of 96% or higher.

The proposed model numbers for modules and inverters shall be listed by the California Energy Commission (CEC). Lists are available at the CEC website:

<https://www.energy.ca.gov/programs-and-topics/programs/solar-equipment-lists>

The system shall include a Web-based monitoring interface to display solar performance information. At a minimum, the interface must show the status of each module and inverter(s) and allow the download of aggregate power data in increments not greater than one hour. The interface shall be provided at no cost to LFUCG for a period of at least three (3) years.

No cables shall contact the roof surface. Racking solutions shall include raceways for DC wire management. All cable ties shall be made of polyvinylidene fluoride (PVDF) with a rated service life of at least 25 years.

Exterior conduit shall be liquid tight and any flexible lengths shall not exceed 24 inches.

Contractor Requirements

--- Prior to Construction

The Contractor is responsible for all permitting related to the design and installation of the system, including interconnection agreements with the utility.

Contractor shall submit to LFUCG the roofing contractor's proposal for maintaining the roof warranty, including specifications for related components, e.g. ballast material, slip sheets, etc.

The Contractor shall provide dimensional drawings and technical specifications of the proposed system. The information must establish the physical layout of the system components relative to the building and document electrical conductor sizing and module capacity.

The Contractor shall provide a load analysis for the ballasted system along with a letter, bearing a Kentucky Professional Engineer stamp of a structural engineer, verifying the integrity of the existing facility to handle the additional loads of proposed PV system.

The Contractor is responsible for verifying information obtained from Owner's construction drawings.

The Contractor is responsible for documenting the condition of the roof and, specifically, any damages that exist prior to construction.

--- During Construction

Under no circumstances shall the Contractor disable electrical service to the building or secondary circuits within the building without authorization from LFUCG.

Under no circumstances shall the Contractor obstruct access to the facility or driveways.

The Contractor is responsible for the construction safety plan to include, at a minimum, all applicable OSHA workplace safety and Personal Protective Equipment (PPE) requirements.

The Contractor shall utilize an approved GENFLEX roofing contractor to perform all necessary modifications to the roof to preserve the existing roof guarantee.

The Contractor is responsible for establishing communication between the inverter and the internet using an Ethernet cable, at the direction of LFUCG Information Technology.

The Contractor shall achieve substantial completion within 75 calendar days of Notice to Proceed. Substantial Completion is defined as LFUCG having beneficial use of the photovoltaic system.

The Contractor shall notify LFUCG of any changes relative to the bid proposal. Such “change order” requests must be accepted by LFUCG in writing prior to installation. Changes made by the Contractor without acceptance are at risk to the Contractor.

--- After Construction

As a condition of full payment, the Contractor shall provide to LFUCG the following deliverables in PDF format:

- List of warranty expiration dates of all components under warranty,
- Operations and maintenance manual,
- As-built electrical drawings, and
- As-built solar performance model, and
- Roof Warranty documentation.

After 30 days of operation, the Contractor shall review generation data and provide a report to LFUCG to affirm that system output is meeting expectations.

Workmanship Warranty: the Contractor shall perform an on-site inspection prior to the expiration of workmanship warranty, if requested by LFUCG.

Design Guidance

A nominal 11.8 KW-dc system is shown in **Figure 01**.

The height of the parapet is approximately 12 to 18 inches.

Unless otherwise noted in the proposal, the conduit run and location of electrical components must conform to **Figure 02**.

208 volt, 3-phase electrical service is provided by Kentucky Utilities. 15-minute interval data is available in attached file **Usage_15min.csv**

Partial record drawings are available in the file **Drawings.pdf**.

Proposal Format

// Respondents are strongly encouraged to provide all information requested as reviewers may deduct points for missing material //

Company Profile

Company name:

Company address:

Year established:

Number full time employees:

Elaborate on company’s focus on solar with respect to other services and company’s impact and presence in Lexington: *{Response}*

Project Experience

Specific to solar PV systems installed by the company in calendar year 2024,

What was the total number of systems installed?
What was the total installed capacity in KW?

Describe your experience with project permitting and interconnection experience with LGE-KU:
{Response}

Attach two (2) references of applicable projects within LGE-KU service territory including a brief description of the PV system installed.

Project Team

Provide work experience and relevant professional certifications (electrical license, P.E., NABCEP, etc.) for:

- (A) Person responsible for the system design,
- (B) Person to oversee installation.

If sub-contractors will be used, describe the work to be performed and quantify as a percentage of project cost: {Response}

Technical Approach

Include as attachments the following items:

- PV module specifications
- Inverter specifications
- Optimizer specifications (if utilized)
- Racking specifications
- For ballasted systems, load analysis documenting the geometry of the system relative to the roof and the weight of individual components. The analysis must specify the design criteria (e.g. snow, wind, seismic) used to determine the distributed load of the system
- Line diagram for dc/ac wiring showing component path from modules to point of interconnection
- Software modeling report quantifying expected monthly output (kWh) and monthly peak generation (kW)

Price Proposal

Complete and sign the PRICE PROPOSAL FORM included within this solicitation to determine a lump sum price to complete the scope of work, inclusive of overhead and profit.

The Owner Allowance is exclusively for LFUCG-directed work beyond the proposal. Reimbursements for allowance work shall be authorized by LFUCG in advance and in writing to the Contractor.

Exclusions

Any exclusions to the requirements herein must be specifically identified in this section.
{Response}

Evaluation Criteria

LFUCG will evaluate proposals according to the evaluation criteria below. Points will be awarded based on the relative merit of the information provided in the response to the solicitation.

Company Profile / Experience	15 points
Project Team	15 points
Technical Approach	30 points
Price Proposal	40 points
TOTAL	100 points



498 Georgetown St

11.8kW

e



Conduit:
Avoid center of building
4" MIN clearance around gutter

Nominal Array:
Qty 20 x 590W modules

Figure 01

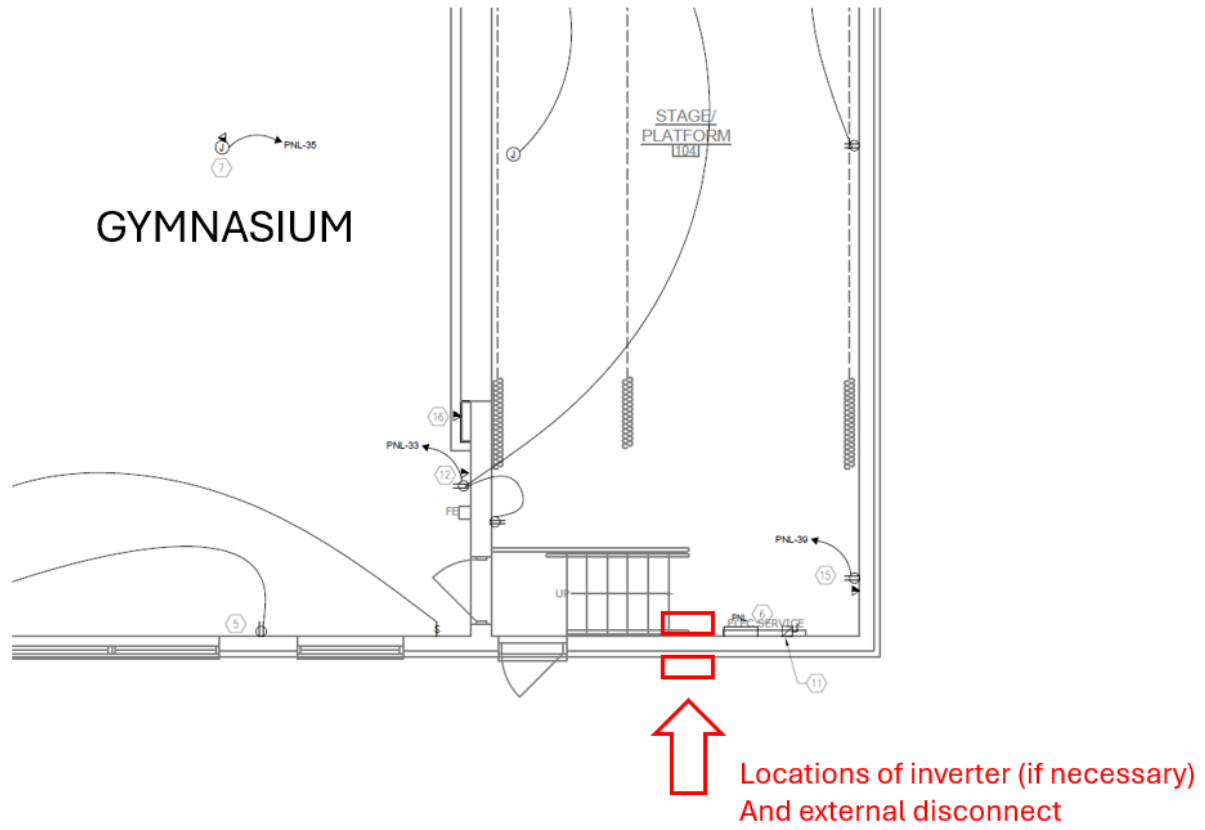


Figure 02



**Figure 03
Supplemental**

RFP 21-2026 Price Proposal Form Solar PV Installation

498 Georgetown St, Black & Williams Gymnasium	
Array Modules	\$
Inverter(s) & Monitoring System	\$
Electrical Wiring Materials	\$
Racking & Ballast Materials	\$
Labor	\$
Structural Verification Letter	\$
Other w/ Description	\$
Owner Allowance (mandatory)	\$2,000
TOTAL	\$

Printed Name of Authorized Representative

Title of Authorized Representative

Signature of Authorized Representative



Overburden Waiver

THIS FORM MAY ONLY BE SIGNED BY THE BUILDING OWNER

Project Name: _____

Project #: _____

Installing Contractor: _____

License No: _____

Description of Overburden (Vegetative System, Photovoltaic (PV) system, etc.): _____

Overburden is defined as any above-membrane material, temporary or permanent, which requires removal prior to investigation or repair of a suspected roof leak (excluding stone or pavers used as ballast in a Ballasted Roofing System Assembly). This document must be signed and submitted for a warranty to be issued (if Overburden is added prior to the issuance of the warranty) or remain in good standing (if Overburden is added after the issuance of the warranty).

1. I agree to remove and replace any Overburden, at my expense, in order to provide access to the warranted roof system for the investigation or repair of a suspected roof leak.
2. Should damage occur to the roof system during the installation, removal, or replacement of the Overburden, I agree to pay the repair costs necessary to restore the roof system to a warrantable condition as determined by Amrize Building Envelope.
3. All electricity connected with a PV system will be rendered safe (no electricity to, from, or within the PV system), at my expense, prior to investigation and repair of a suspected roof leak.
4. I understand the warranty does not include removal, replacement, or repair of the Overburden material, and that Amrize is not responsible or liable for the appearance or performance of any new Overburden materials which are installed following the investigation or repair of a suspected roof leak. I further understand that Amrize is not responsible for any loss which I may incur resulting from rendering safe all electricity connected with a PV system.

Name: _____
Building Owner

Building Owner Signature _____

Date: _____

This Overburden Waiver supersedes all previous versions. Only the documents, processes, and policies contained in this version will be accepted by Amrize Building Envelope. Amrize Building Envelope is an operating division of Amrize Building Envelope LLC ("Amrize"); any disclaimers by Amrize Building Envelope in this Overburden Waiver also apply to Amrize Building Envelope LLC.

SUBMIT THIS FORM TO:

**Amrize Building Envelope
ATTN: Warranty Claims Department
26 Century Boulevard Suite 205
Nashville, TN 37214**

Or via email to: warrantyservices-be@amrize.com



WARRANTY CONTRACT SUMMARY

Warranty No: 700469227

Project No: 4522492

Start Date: 11/26/2024

Issue Date: 11/27/2024

Building Identification: Black and Williams

Building Address: 498 Georgetown St, Lexington, KY 40508-1163

Building Owner: LFUCG

Roofing Contractor: Semper Fi Roofing , LLC, 40014268

ROOF TOP

GenFlex Roofing System - EPDM - 20 Year - 72 mph

Square Footage: 6,000

**THIS WARRANTY INSTRUMENT CONSISTS OF MULTIPLE PAGES, ALL OF WHICH ARE PART OF THIS DOCUMENT.
ADDITIONAL REQUIREMENTS ARE DEFINED ON SUBSEQUENT PAGES.**

Page 1 of 3

2002.001.2024



GENERAL TERMS, CONDITIONS, AND LIMITATIONS

Warranty No: 700469227

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Start Date: 11/26/2024

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Building Identification: Black and Williams

Building Address: 498 Georgetown St, Lexington, KY 40508-1163

Building Owner: LFUCG

Installing Contractor: Semper Fi Roofing , LLC, 40014268

Subject to the terms, conditions, and limitations set forth herein, Holcim Solutions and Products US, LLC, an Indiana limited liability company ("Holcim"), provides the Building Owner ("Owner") named above with this Limited Warranty for the Holcim provided GenFlex System(s) or Material(s) set forth herein. This Warranty consists of multiple pages, all of which comprise the express terms and conditions of the warranty herein. Additional requirement, terms, conditions, exceptions, and limitations are defined in subsequent pages. In the event that any inconsistencies exist between the General Terms, Conditions, and Limitations listed below and the Terms, Conditions, and Limitations in subsequent pages, the subsequent pages will prevail.

GENERAL TERMS, CONDITIONS, AND LIMITATIONS

Payment Required. Holcim shall have no obligation under this Limited Warranty unless and until Holcim and the licensed GenFlex applicator have been paid in full for all materials, supplies, services, approved written change orders, warranty costs and other costs which are included in, or incidental to, the System or Materials. In the event that repairs not covered by this Limited Warranty are necessary in the future, Holcim reserves the right to suspend this Limited Warranty until such repairs have been completed and the licensed GenFlex applicator and/or Holcim has been paid in full for such repairs.

Exclusions. Holcim shall have no obligation under this Limited Warranty, or any other liability, now or in the future if a claim or damage is caused by: Natural forces, disasters, or acts of God including, but not limited to, fires, hurricanes, tornadoes, downbursts, wind-blown debris, lightning, earthquakes, volcanic activity, atomic radiation, insects or animals; Act(s), conduct or omission(s) by any person, or act(s) of war, terrorism or vandalism, which damage the System or Material or which impair the System or Material's ability to perform properly; Failure by the Owner to use reasonable care in maintaining the System or Material, said maintenance to include, but not be limited to, those items listed in the current version of the GenFlex Building Owner's Manual available at www.genflex.com; Deterioration, defects or failure of building components, including, but not limited to, the substrates, structural elements, walls, mortar, HVAC units, skylights, foundation settlement, etc.; Construction generated moisture, condensation or infiltration of moisture in, from, through, or around the walls, copings, rooftop hardware or equipment, skylights, building structure or underlying or surrounding materials; Acid, oil, harmful chemicals, or the reaction between them; Alterations or repairs to the System or Materials that are not completed in accordance with Holcim's published specifications, not completed by a licensed GenFlex applicator, and/or completed without proper notice to Holcim; The design of the system: Holcim does not undertake any analysis of the architecture or engineering required to evaluate what type of System, Installation or Material is appropriate for a building and makes no warranty express or implied as to the suitability of its Products for any particular structure; such a determination is the responsibility of the architect, engineer or design professional; Improper selection of materials for the assembly or the failure to accurately calculate wind uplift and/or applicable design loads; Deterioration to metal materials and accessories caused by marine salt water, atmosphere, or by regular spray of either salt or fresh water; Failure of any non-GenFlex brand materials used in the GenFlex System or Installation not specifically accepted in writing by Holcim to be included in coverage; Change in building use or purpose; Failure by the licensed GenFlex applicator or any additional contractor or subcontractor to follow Holcim's recommended installation instructions or approved specifications or drawings for the layout, design and installation of the System or Materials. It shall be the licensed GenFlex applicator's sole and exclusive responsibility to strictly follow Holcim's recommended installation instructions or approved specifications or drawings for the layout, design and installation of the System or Materials; or, Failure to correct all installation deficiencies listed in any Holcim inspection report.

Overburden. Owner shall be responsible for the costs associated with the removal and replacement, as well as any damage caused by the removal and replacement, of any overburden, superstrata or overlays, either permanent or temporary, which include but are not limited to: structures or assemblies added after installation, fixtures or utilities on or through the System or Material, support platforms or bases for Photovoltaic (PV) Arrays (aka - Solar Panels), Garden Roofs, Decks, Patios or any other obstacles that impede access, clear observation, investigation, and repair of the System or Materials, excluding ballast or pavers accepted by Holcim or overburden specifically included in subsequent pages of this Warranty.

Term. The term of this Limited Warranty shall be for the period set forth above and in subsequent pages of this document and shall not be extended under any circumstances without Holcim's written approval.

Access. During the term of this Limited Warranty, Holcim's employees or designees shall have free access to the building for inspection, audit, or repair purposes during regular business hours. In the event that access is limited due to security or other restrictions, Owner shall reimburse Holcim for all reasonable cost incurred during inspection and/or repair of the System or Material that are due to delays associated with said restrictions.

Waiver & Severability. Holcim's failure to enforce any of the terms or conditions stated herein shall not be construed as a waiver of such provision or of any other terms and conditions of this Limited Warranty. If any portion of this Limited Warranty is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions shall nevertheless continue in full force to the fullest extent permitted by law.

Disputes. Any dispute, controversy, or claim between Owner and Holcim concerning this Limited Warranty or relating to any material(s) supplied by or required by Holcim shall be submitted to mediation in Davidson County, Tennessee. In the event that Owner and Holcim do not resolve the dispute, controversy, or claim in mediation, Owner and Holcim agree that neither party will commence or prosecute any suit, proceeding, or claim other than in the state and federal courts in Davidson County, Tennessee. Each party irrevocably consents to the jurisdiction and venue of the above-identified courts. Owner hereby releases Holcim from all liability to Owner's insurance carrier or to anyone claiming under or through Owner by reason of subrogation or otherwise.

Governing Law. This Limited Warranty shall be governed by and construed in accordance with the laws of the state of Tennessee without regard to its rules on conflicts of laws.

HOLCIM DOES NOT WARRANT PRODUCTS INCORPORATED OR UTILIZED IN THIS INSTALLATION THAT WERE NOT FURNISHED BY HOLCIM. HOLCIM SPECIFICALLY DISCLAIMS LIABILITY UNDER ANY THEORY OF LAW ARISING OUT OF THE INSTALLATION OF, PERFORMANCE OF, OR DAMAGES SUSTAINED BY OR CAUSED BY, PRODUCTS NOT FURNISHED BY HOLCIM. THIS LIMITED WARRANTY SUPERSEDES AND IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND HOLCIM HEREBY DISCLAIMS ALL SUCH WARRANTIES. THIS LIMITED WARRANTY SHALL BE OWNER'S SOLE AND EXCLUSIVE REMEDY AGAINST HOLCIM AND HOLCIM SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, SPECIAL, INCIDENTAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR DAMAGES TO THE BUILDING OR ITS CONTENTS, SUBSTRATES, OR THE ROOF DECK. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. THIS LIMITED WARRANTY CANNOT BE AMENDED, ALTERED OR MODIFIED IN ANY WAY EXCEPT IN WRITING SIGNED BY AN AUTHORIZED OFFICER OF HOLCIM. NO OTHER PERSON HAS ANY AUTHORITY TO BIND HOLCIM WITH ANY REPRESENTATION OR WARRANTY WHETHER ORAL OR WRITTEN.

**THIS WARRANTY INSTRUMENT CONSISTS OF MULTIPLE PAGES, ALL OF WHICH ARE PART OF THIS DOCUMENT.
ADDITIONAL REQUIREMENTS ARE DEFINED ON SUBSEQUENT PAGES.**

26 Century Blvd., Suite 205
Nashville, Tennessee 37214
www.genflex.com



ROOF SYSTEM LIMITED WARRANTY

Warranty No: 700469227
Project No: 4522492
Start Date: 11/26/2024
Issue Date: 11/27/2024

Building Identification: Black and Williams
Building Address: 498 Georgetown St, Lexington, KY 40508-1163
Building Owner: LFUCG
Roofing Contractor: Semper Fi Roofing , LLC, 40014268

ROOF TOP

GenFlex Roofing System - EPDM - 20 Year - 72 mph

Square Footage: 6,000

For the warranty period indicated above, Holcim Solutions and Products US, LLC, an Indiana limited liability company ("Holcim") warrants to the Building Owner ("Owner") named above that Holcim will, subject to the Terms, Conditions and Limitations set forth below, provide labor and material to repair any leak in the GenFlex Roofing System ("System") caused by deterioration in the GenFlex brand material due to normal weathering or any manufacturing or workmanship defect in the System within the scope of this warranty during the period specified above.

TERMS, CONDITIONS AND LIMITATIONS

Products Covered. The System shall mean only the GenFlex brand roofing membranes, GenFlex brand roofing insulations, GenFlex brand roofing metal, and other GenFlex brand roofing accessories when installed in accordance with Holcim technical specifications by a GenFlex-licensed applicator. Any materials not manufactured or supplied by Holcim are not covered under this warranty.

Notice. In the event any leak should occur in the System, the Owner must give notice in writing or by telephone to Holcim Warranty Services ("Warranty Services") within thirty (30) days of any occurrence of a leak. By so notifying Holcim, the Owner authorizes Holcim or its designee to investigate the cause of the leak at its option.

Investigation. Should the investigation reveal that the leak is excluded under the Terms, Conditions and Limitations, the Owner shall be responsible for payment of the investigation costs. Failure by Owner to pay for these costs shall render this Limited Warranty null and void. The Owner is responsible for completing repairs not covered by this Limited Warranty to be made at the Owner's expense that will permit this Limited Warranty to remain in effect for the un-expired portion of its term. Failure by the Owner to properly make these repairs in a reasonable manner using a GenFlex-licensed applicator and within 60 days shall render this Limited Warranty null and void.

No Dollar Limit (NDL). If upon investigation, Holcim determines that the leak is not excluded under the Terms, Conditions and Limitations set forth in this Limited Warranty, the Owner's sole and exclusive remedy and Holcim's total liability shall be limited to the repair of the leak. There is no dollar limit placed on warranted leak repairs to the extent such repairs are covered by this Limited Warranty.

Exclusions. Holcim shall have no obligation under this Limited Warranty, or any other liability, now or in the future if a claim or damage is caused by: Hail; Winds of peak gust speed at or in excess of 72 mph calculated at ten (10) meters above ground using available meteorological data (all associated building components, including but not limited to the deck substrate, joists, columns and foundation, must also meet wind speed design requirements); Roof traffic or storage of materials or equipment on theroof not specifically accepted in writing by Holcim; Damage to the roof incurred during breach, rupture or failure of any building envelope component during a flood or wind event not covered under warranty; or, Failure to give proper notice as set forth in paragraph above.

Transfer. This Limited Warranty shall be transferable and assignable subject to Owner's payment of the current transfer fee set by Holcim.

Alteration. Owner shall obtain Holcim's written approval before making any alterations to the roof system or installing any structures, fixtures, or utilities on or through the roof. This includes modification of the GenFlex roof system to serve as a support platform for Photovoltaic (PV) Arrays (aka - Solar Panels), Garden Roofs, Decks, Patios, and areas intended for public access. Roof modification approval typically requires owner sponsored enhancement of the roof system to meet additional performance requirements to ensure service life following the proposed modification. Holcim is the sole judge of whether or not enhancements to the roof system are required. Failure to obtain Holcim approval for a roof modification will result in invalidation of this warranty.

HOLCIM SOLUTIONS AND PRODUCTS US, LLC
By: Michael Huber

Authorized Signature: 

Title: Director of Warranty Services

THIS WARRANTY INSTRUMENT CONSISTS OF MULTIPLE PAGES, ALL OF WHICH ARE PART OF THIS DOCUMENT.
ADDITIONAL REQUIREMENTS ARE DEFINED ON SUBSEQUENT PAGES.

GYMNASIUM BUILDING IMPROVEMENTS BLACK & WILLIAMS NEIGHBORHOOD CENTER

498 GEORGETOWN STREET
LEXINGTON, KENTUCKY

bid #38-2023



OWNER

Lexington Fayette Urban County Government
200 E. Main Street
Lexington, Kentucky 40507
Mayor Linda Gorton

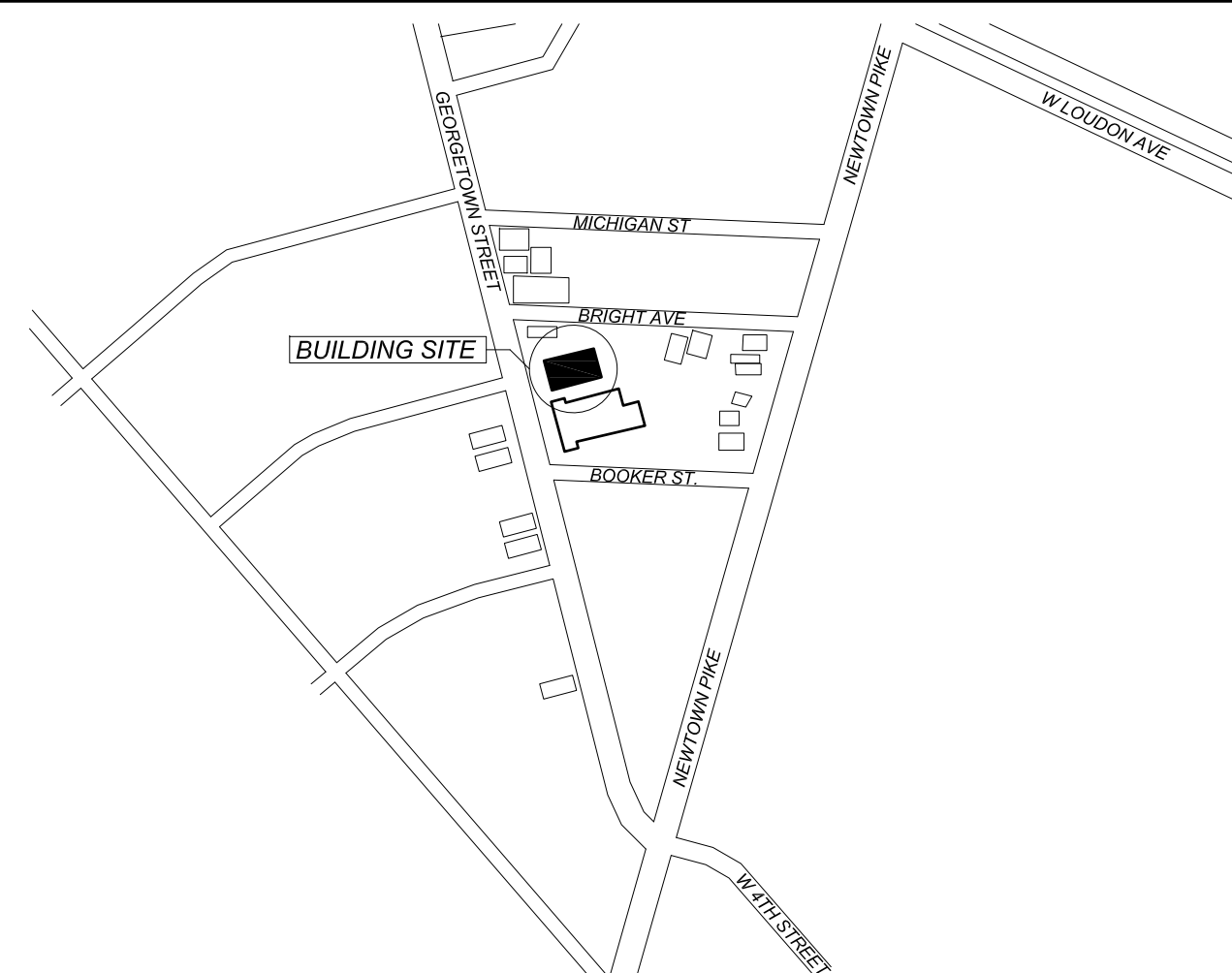
STRUCTURAL CONSULTANT

BROWN + KUBICAN, PSC.
Contact: Dan Kubican, PE
2224 Young Drive
Lexington, Kentucky 40505
(p) 859-543-0933

MECHANICAL CONSULTANT

TECHNICAL HORIZONS
Contact: Matt Ellis, PE
501 Darby Creek Road, Suite 31
Lexington, Kentucky 40509
(p) 859-263-5983

VICINITY MAP

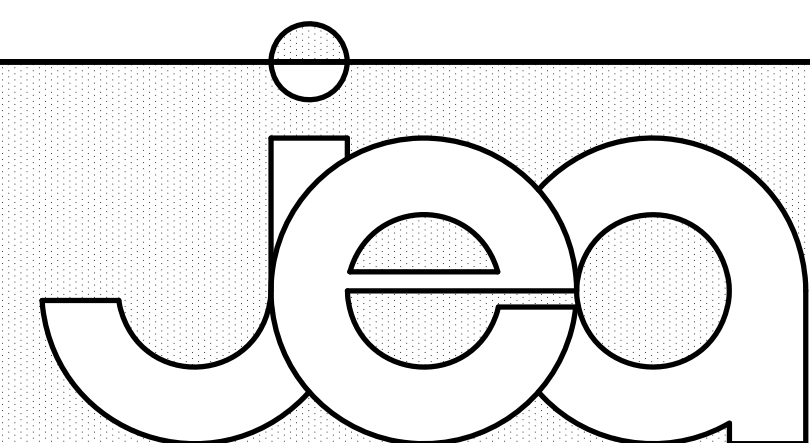


CODE INFORMATION

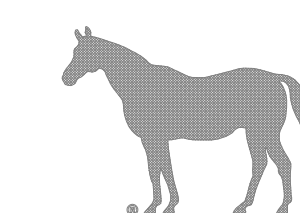
USE GROUP: A-3
CONSTRUCTION TYPE: TYPE II[B]
NO. STORIES: 1
BUILDING AREA (EXISTING): 4,983sf
RENOVATED BUILDING AREA: 4,983sf
ALLOWABLE AREA: 9,500sf
OCCUPANT LOAD: **240 TOTAL**
MULTI-PURPOSE AREA [2,883 / 15net (TABLES/CHAIRS) = 192]
STAGE PLATFORM [720 / 15net (STAGES/PLATFORMS) = 48]
NO. OF EXITS REQUIRED: 2 < 4 PROVIDED
MAX ALLOWABLE TRAVEL DISTANCE: 75' < 50' MAX ACTUAL
FIRE PROTECTION: FIRE ALARM / UNSUPPRESSED

DRAWING INDEX

- COVER SHEET
- SITE SURVEY
- SITE DEVELOPMENT
 - C1.1 SITE IMPROVEMENTS PLAN
 - C2.1 SITE IMPROVEMENTS DETAILS
- ARCHITECTURAL
 - A0.1 LIFE SAFETY PLAN & CODE ANALYSIS
 - A0.2 ACCESSIBILITY STANDARDS & DETAILS
 - A1.1 FLOOR PLAN
 - A1.2 ROOF PLAN
 - A2.1 REFLECTED CEILING PLAN
 - A3.1 EXTERIOR ELEVATIONS
 - A4.1 BUILDING SECTIONS
 - A5.1 ENLARGED PLANS & ELEVATIONS
 - A5.2 ENLARGED PLANS & DETAILS
 - A6.1 ROOM FINISH SCHEDULE, WALL TYPES, & DETAILS
 - A6.2 TYPICAL FRAMING DETAILS
 - A6.3 FINISHES FLOOR PLAN
 - A7.1 DOOR & FRAME SCHEDULE & WINDOW ELEVATIONS
- SITE UTILITIES
 - U1.0 SITE UTILITY PLAN
 - U6.0 SITE UTILITY DETAILS
 - U6.1 SITE UTILITY DETAILS
- MECHANICAL
 - MD1.1 MECHANICAL & PLUMBING DEMOLITION PLAN
 - M1.1 MECHANICAL - NEW WORK PLAN
 - M6.0 HVAC SCHEDULES & DETAILS
- PLUMBING
 - P1.1 PLUMBING - NEW DOMESTIC WATER PLAN
 - P1.2 PLUMBING - NEW SANITARY PLAN
 - P4.0 SOIL WASTE AND VENT ISOMETRIC
 - P6.0 PLUMBING SCHEDULES AND DETAILS
- ELECTRICAL
 - ED1.1 ELECTRICAL PLAN - DEMOLITION
 - E0.1 ELECTRICAL LEGEND & DETAILS
 - E1.1 ELECTRICAL - NEW POWER, SIGNAL
 - E2.1 ELECTRICAL - NEW LIGHTING
 - E3.1 ELECTRICAL - SINGLE LINE



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131 prosperous place, suite 19b • lexington, kentucky 40509
phone: 859-259-1515 • e-mail: earlyjb@jeaarchitects.net • www.johnsonearlyarchitects.net



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www.lexingtonky.gov

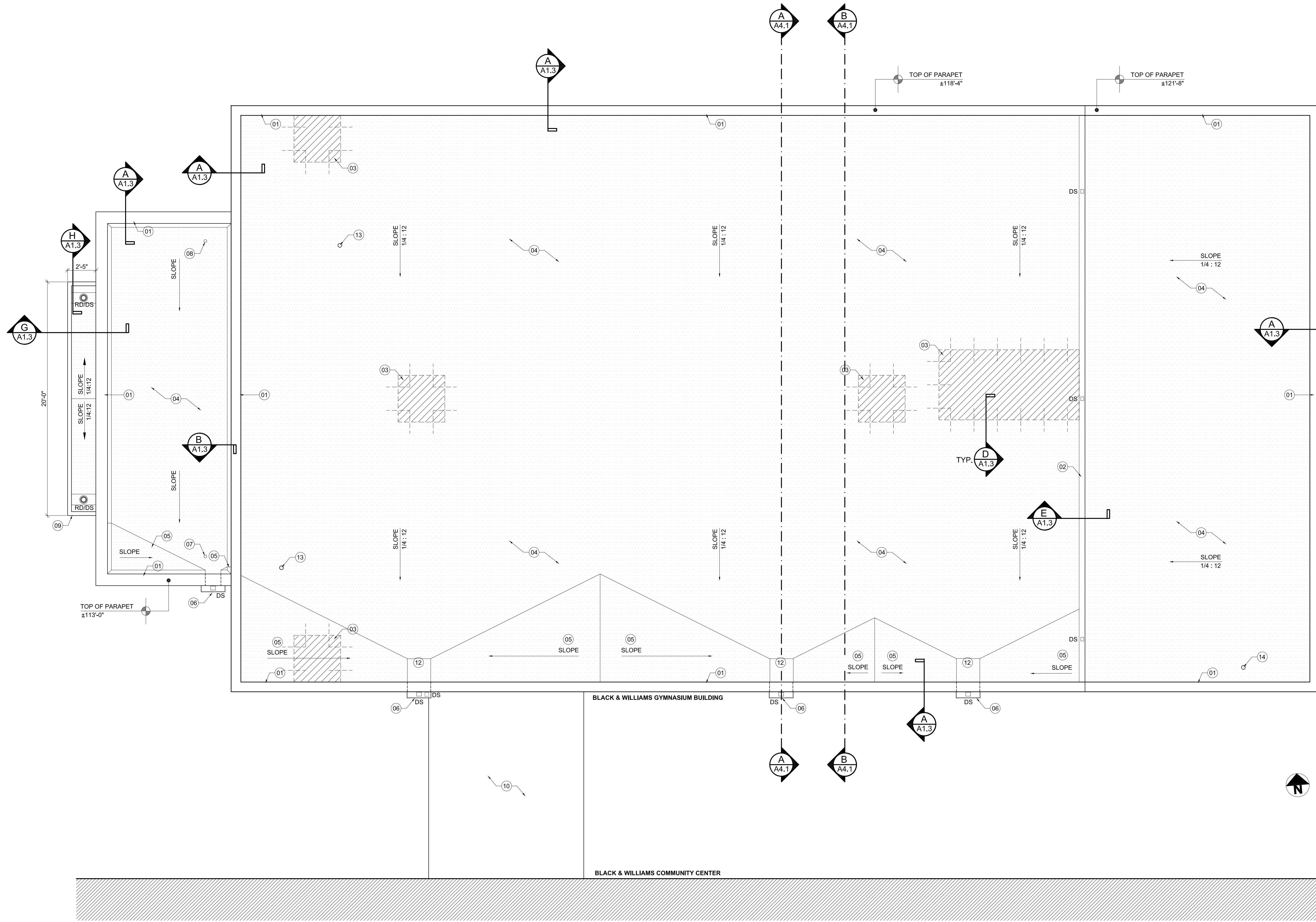
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT
200 E. MAIN STREET - LEXINGTON, KY 40507
DIVISION OF GENERAL SERVICES
CAPITAL PROJECT MANAGEMENT
PHONE: (859) 258-3900

GENERAL NOTES:

- ALL ROOF AREAS: INSTALL NEW POLYISO ROOF INSULATION (R-25 MIN.) ON EXISTING DECK
- ALL ROOF AREAS: INSTALL TAPERED INSULATION SADDLES AS SHOWN OR AS REQ'D FOR PROPER DRAINAGE TO SCUPPERS
- ALL ROOF AREAS: INSTALL 60mil (BLACK) NON-REINFORCED EPDM FULL ADHERED ROOF SYSTEM
- REFRESH ALL EXISTING CURBS & PIPES
- RELINE ALL EXISTING DRAINAGE SCUPPERS

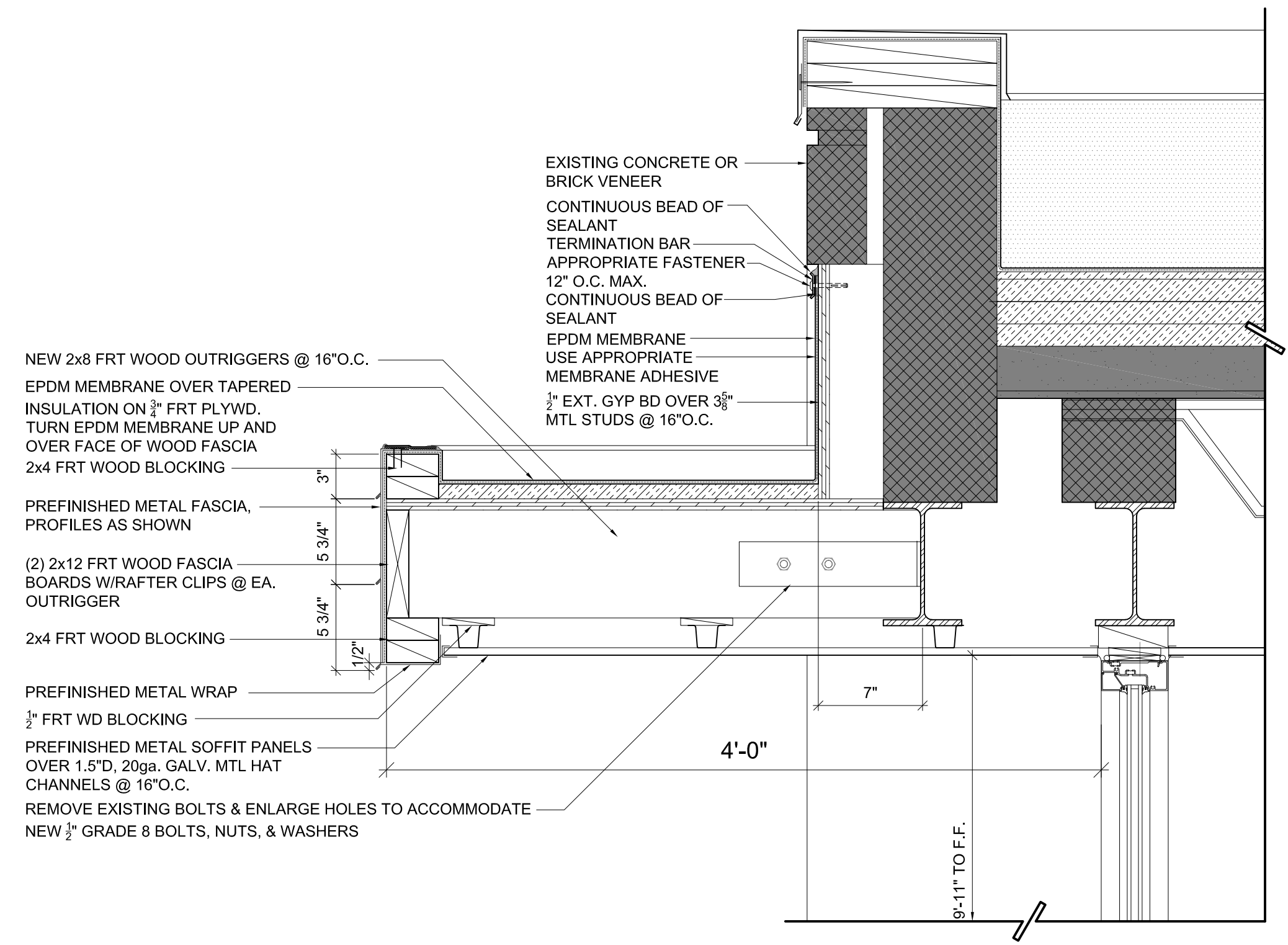
ROOF NOTES:

- 01 NEW PREFINISHED METAL COPING W/CONT. CLEAT OVER NEW TRD WD BLOCKING @ T.O. WALL (SEE DETAIL B/A4.1)
- 02 NEW PREFINISHED METAL 24ga. 6" GUTTER AND DOWNSPOUT 4"x6" DOWNSPOUTS
- 03 REPLACE DAMAGED/MISSING PORTION OF ROOF DECK W/NEW LIGHTWEIGHT GYPSUM (THICKNESS TO MATCH EXIST.) OVER 1/2" CORRUGATED METAL DECK OVER 3" NOM. CEMENT BOARD (SEE DETAIL D/A1.3)
- 04 NEW 60mil NON-REINFORCED FULLY ADHERED EPDM ROOF MEMBRANE OVER R-25 MIN. POLYISO ROOF INSULATION
- 05 INSTALL TAPERED INSULATION ROOF CRICKET AS REQ'D TO MAINTAIN PROPER DRAINAGE TO SCUPPERS
- 06 RE-LINE EXISTING DRAINAGE SCUPPERS W/NEW METAL SCUPPER SLEEVE AND INSTALL NEW 24ga PREFINISHED STEEL COLLECTOR BOXES & 6" DOWNSPOUTS (SEE C/A1.3 & F/A1.3)
- 07 REFRESH EXISTING PLUMBING VENT PENETRATION
- 08 REMOVE EXISTING PLUMBING VENT PRIOR TO INSTALLATION OF NEW ROOF SYSTEM
- 09 NEW 6" CSJ METAL STUD FRAMED ENTRY CANOPY
- 10 EXISTING ROOF AREA (NO NEW WORK)
- 11 NOT USED
- 12 SUMP ROOF INSULATION DOWN TO SCUPPER OPENING. ADJUST OVERALL SUMP DIMENSIONS IN FIELD AS REQ'D.
- 13 NEW PLUMBING VENT, FLASH PER ROOFING MANUFACTURER'S DETAILS
- 14 GOOSE-NECK PENETRATION THROUGH ROOF TO FACILITATE FUTURE INSTALLATION OF ROOF MOUNTED SOLAR PANELS OR OTHER ITEMS. CAP AT BOTH ENDS AND FLASH PER ROOF MANUF.

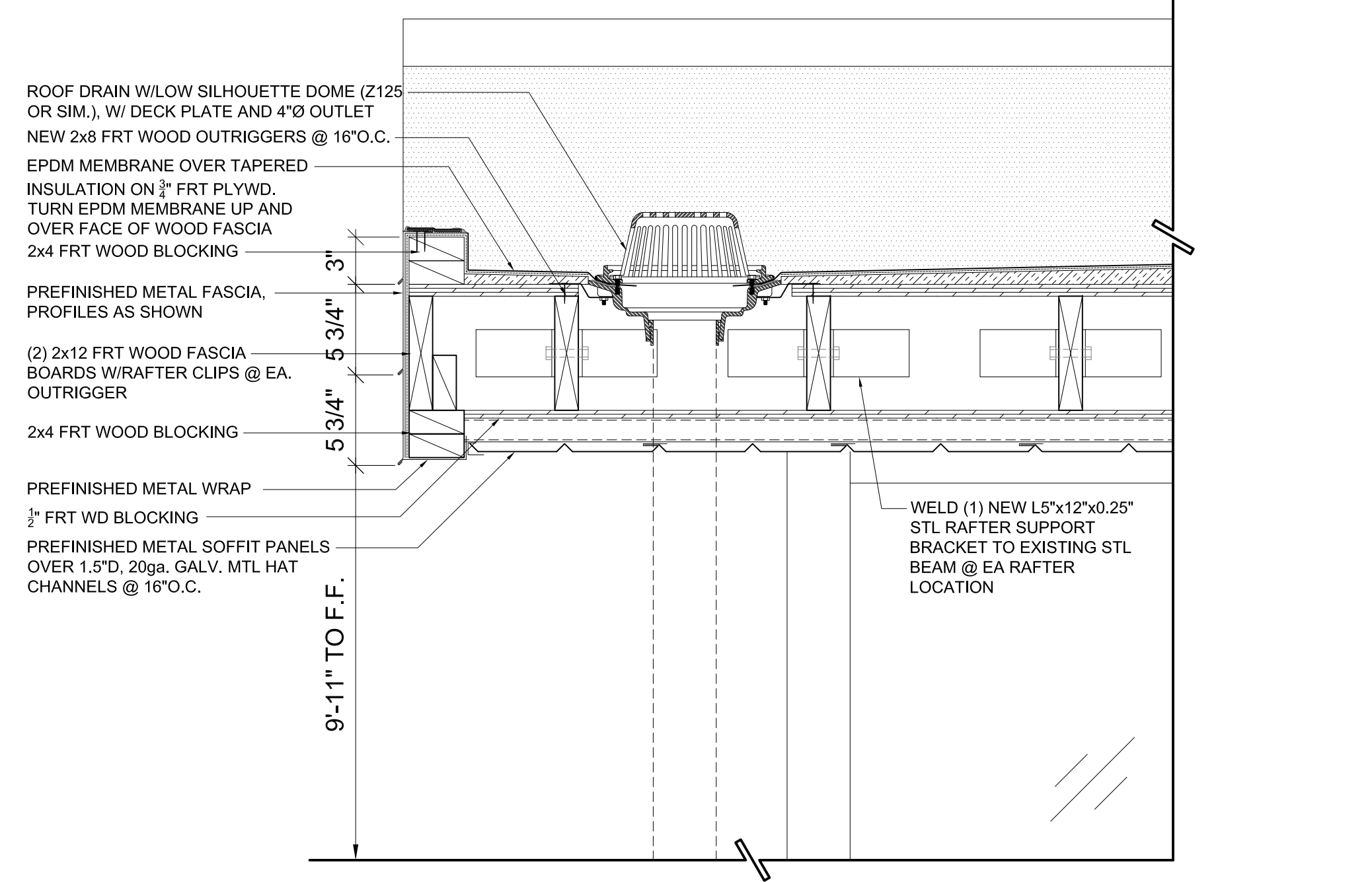


ROOF PLAN - NEW WORK
SCALE: 1/4" = 1'-0"

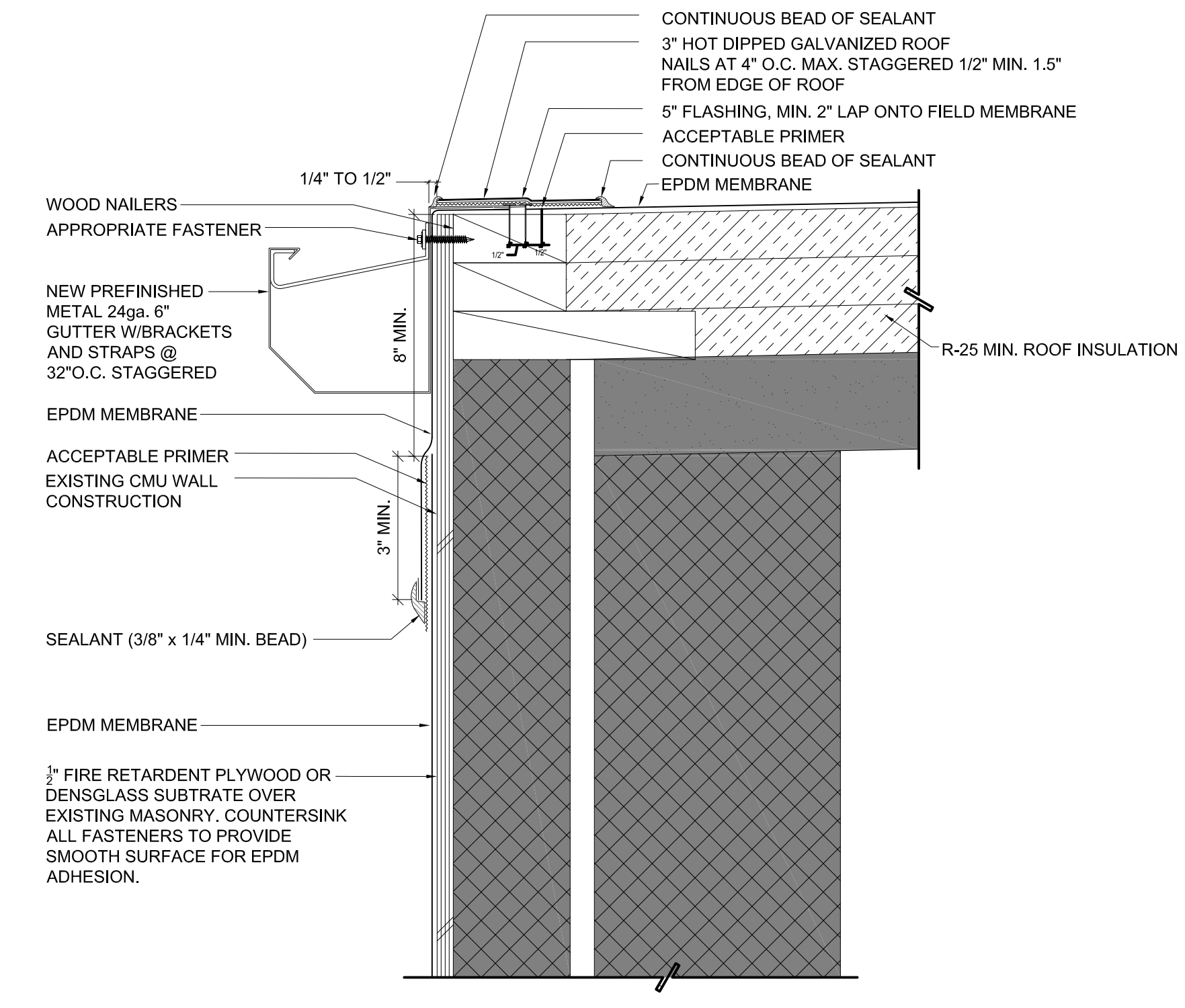
	BLACK & WILLIAMS NEIGHBORHOOD CENTER GYMNASIUM BUILDING IMPROVEMENTS 488 GEORGETOWN ST. - LEXINGTON, KENTUCKY		
	johnson • early • architects 131 prosperous place, suite 19b • lexington, kentucky 40509 phone: 859-259-1515 • fax: 859-231-5060 • e-mail: earlyjb@jeaarchitects.net		
	ROOF PLAN - NEW WORK		
DATE: APRIL 9, 2023	DRAWN BY: DCT	CHECKED BY: JBE	REVISIONS:
			SHEET NO. A1.2



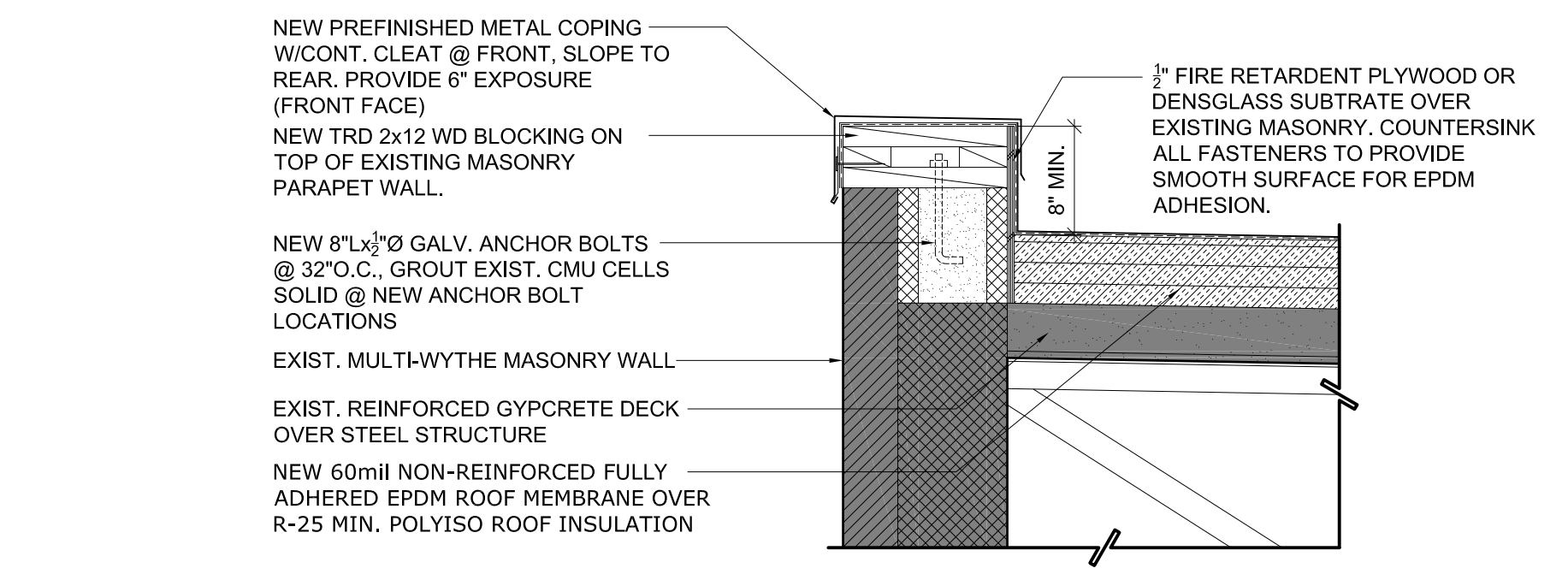
G CANOPY DETAIL
A1.3 SCALE: 3" = 1'-0"



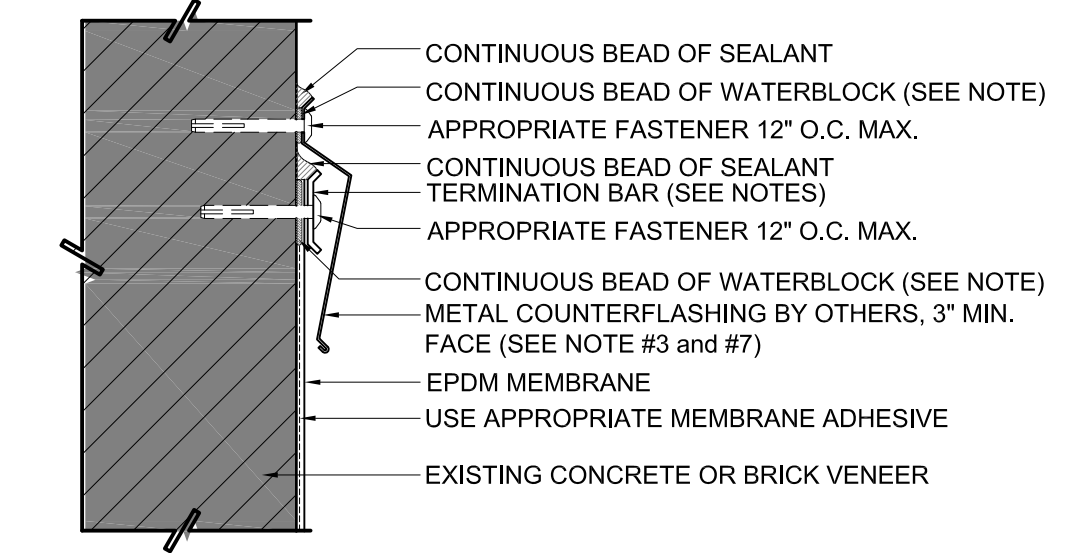
H CANOPY DETAIL
A1.3 SCALE: 3" = 1'-0"



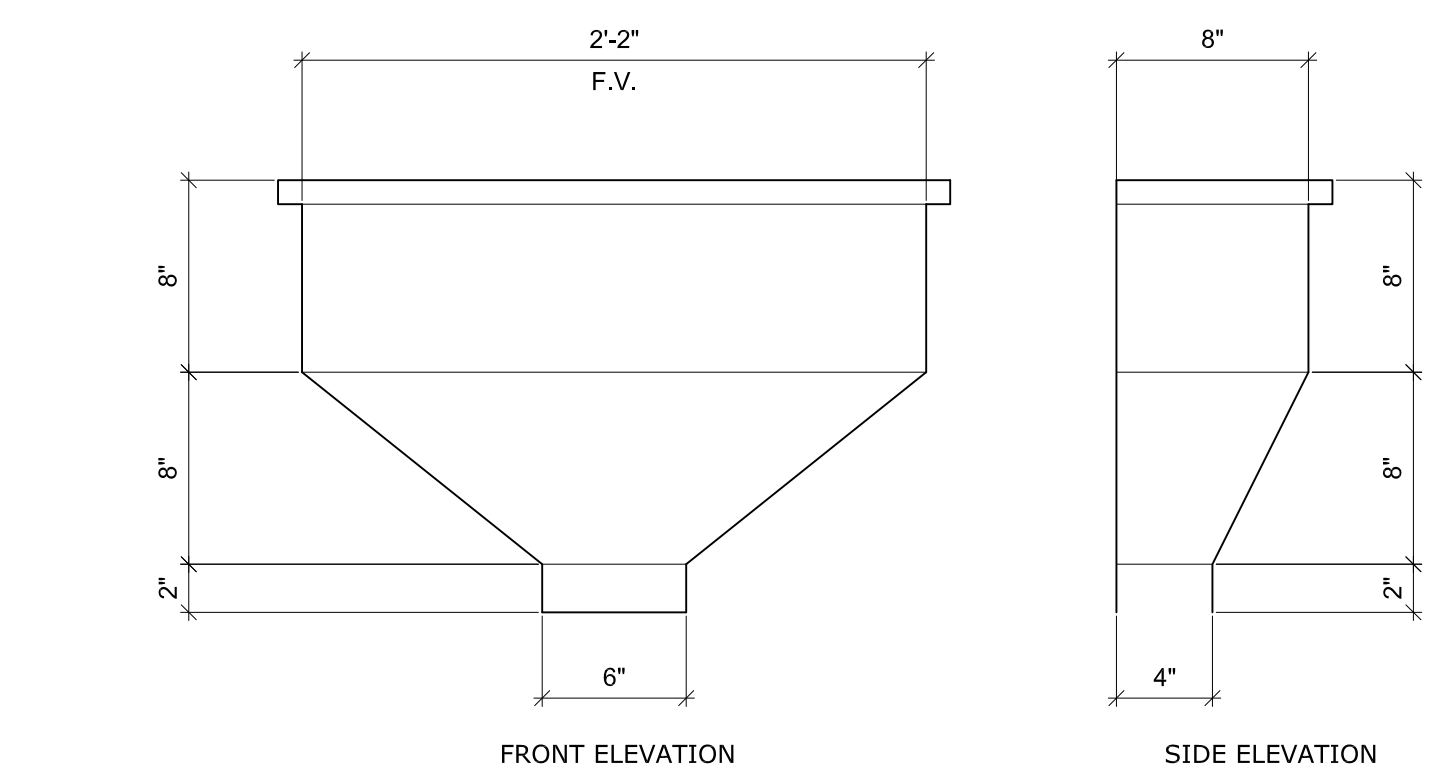
E ROOF EDGE (GUTTER) DETAIL
A1.3 SCALE: 3" = 1'-0"



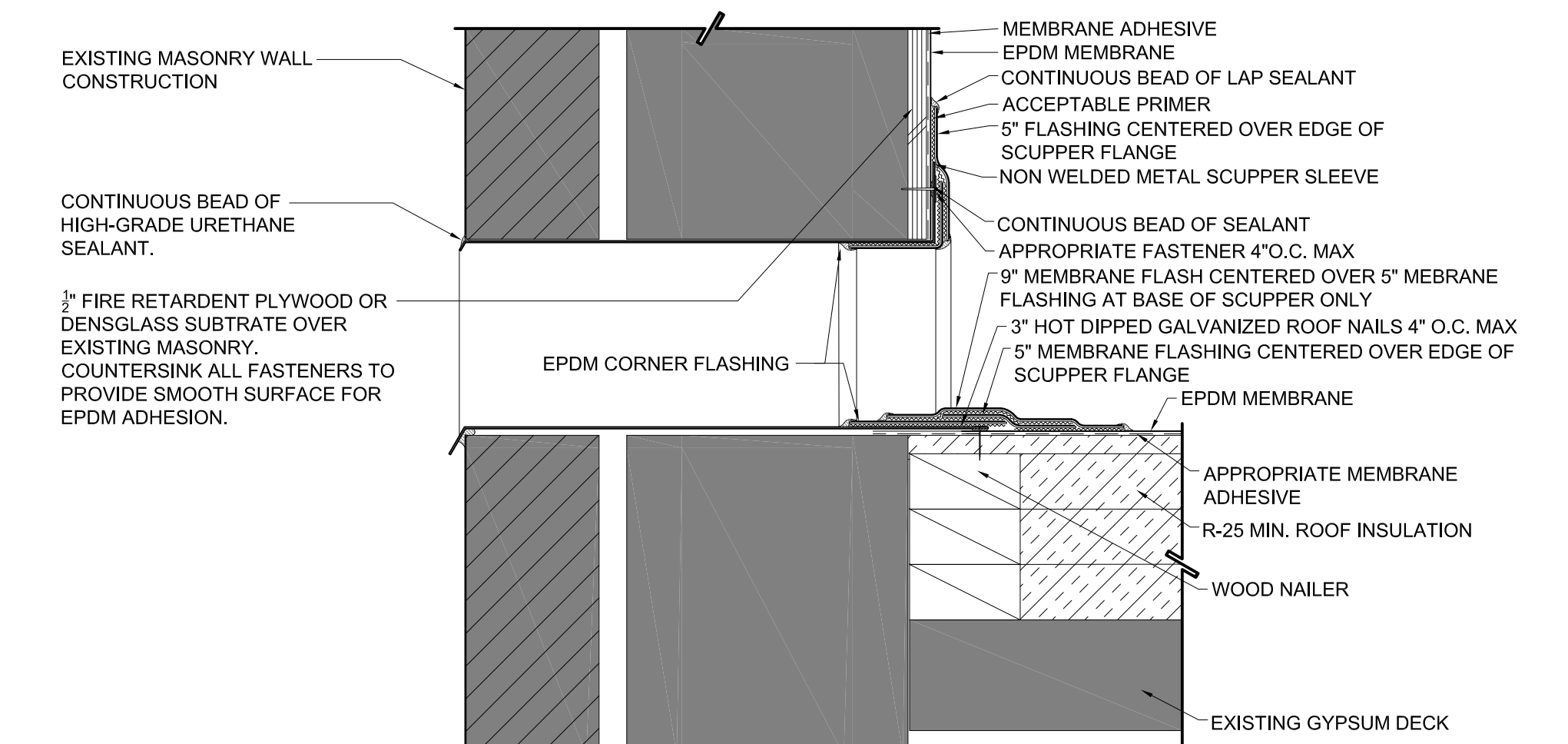
A PARAPET DETAIL
A1.3 SCALE: 1" = 1'-0"



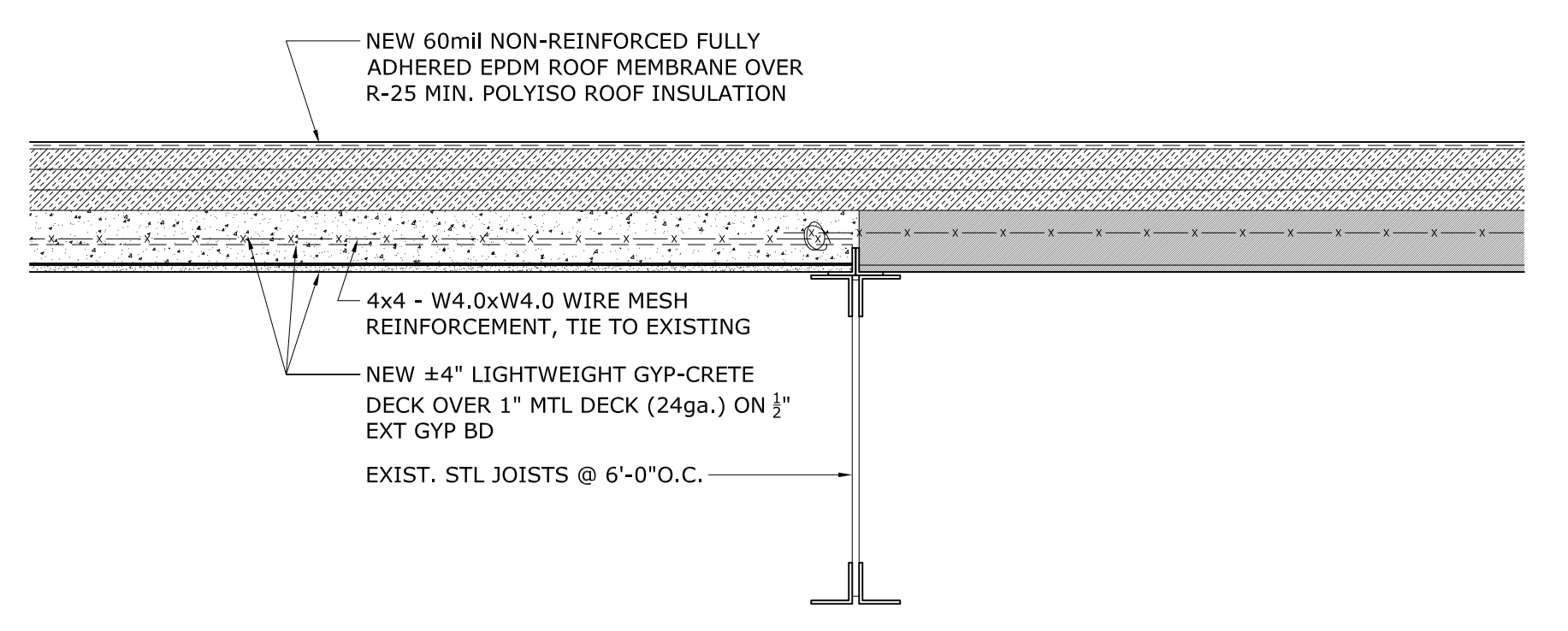
B ROOF-WALL FLASHING DETAIL
A1.3 SCALE: 3" = 1'-0"



F SCUPPER COLLECTOR BOX DETAIL
A1.3 SCALE: 1-1/2" = 1'-0"

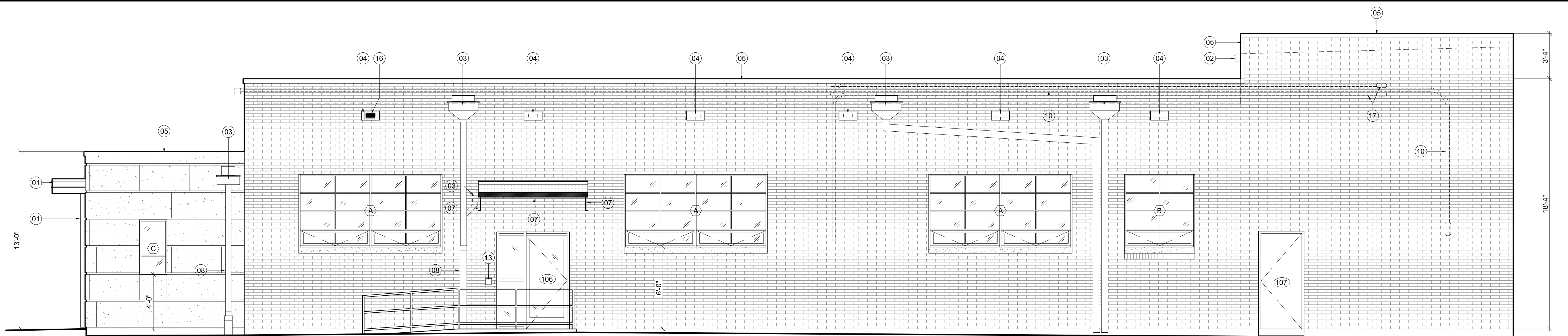


C THRU-WALL SCUPPER DETAIL
A1.3 SCALE: 3" = 1'-0"

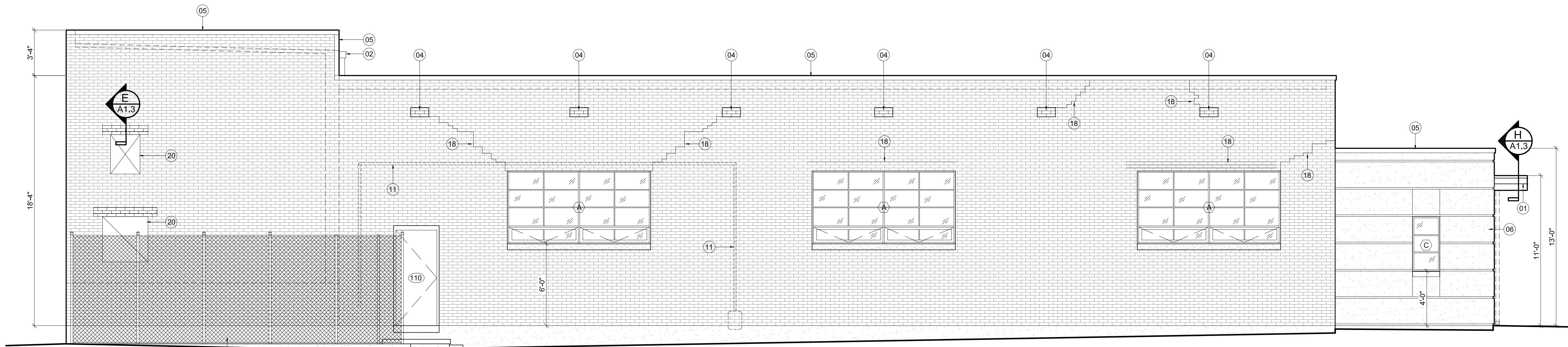


D ROOF DECK REPAIR DETAIL
A1.3 SCALE: 1" = 1'-0"

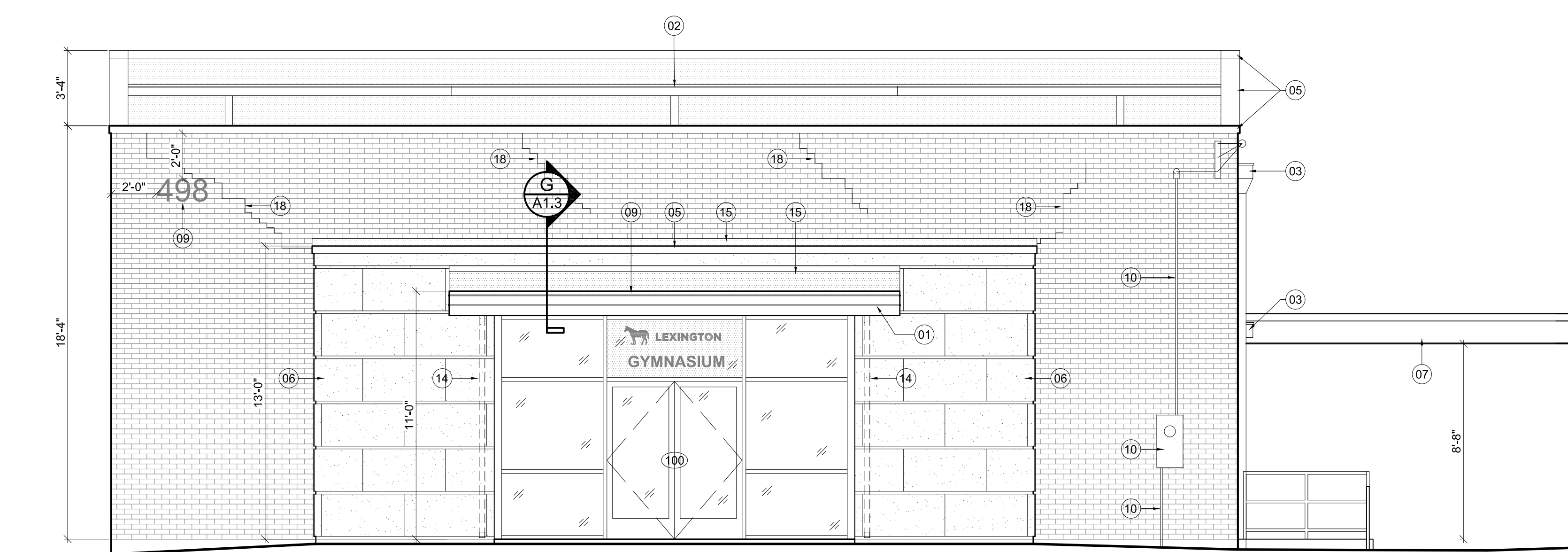
	BLACK & WILLIAMS NEIGHBORHOOD CENTER		
	GYMNASIUM BUILDING IMPROVEMENTS		
	488 GEORGETOWN ST. - LEXINGTON, KENTUCKY		
	johnson + early + architects 131 prosperous place, suite 19b • lexington, kentucky 40509 phone: 859-259-1515 • fax: 859-231-5060 • e-mail: earlyjb@jeaarchitects.net		
ROOF DETAILS		SHEET NO. A1.3	
DATE APRIL 9, 2022	DRAWN BY DGT	CHECKED BY JEB	REVISIONS



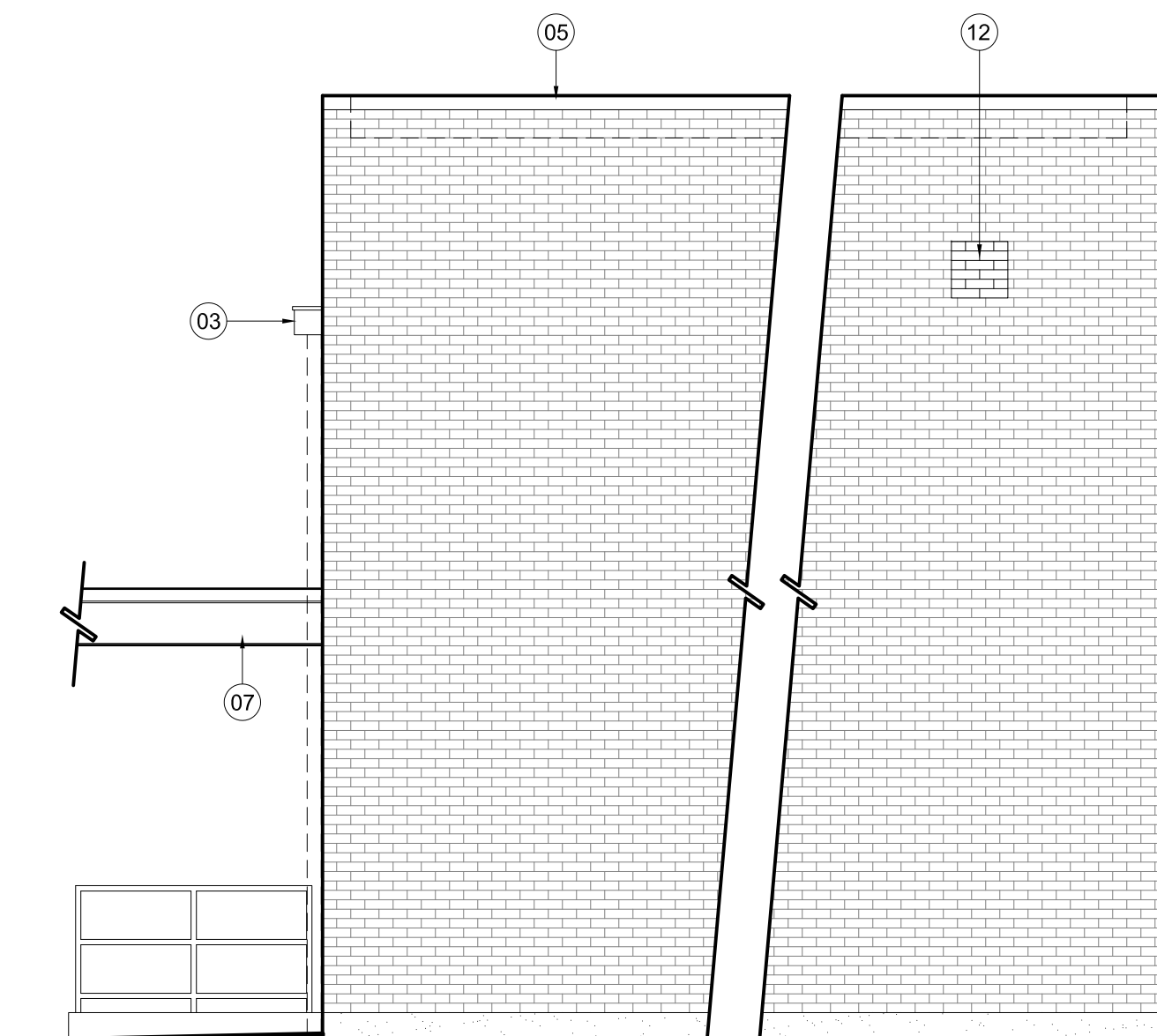
A SOUTH ELEVATION
A3.1 SCALE: 1/4" = 1'-0"



B NORTH ELEVATION
A3.1 SCALE: 1/4" = 1'-0"



C WEST ELEVATION
A3.1 SCALE: 1/4" = 1'-0"



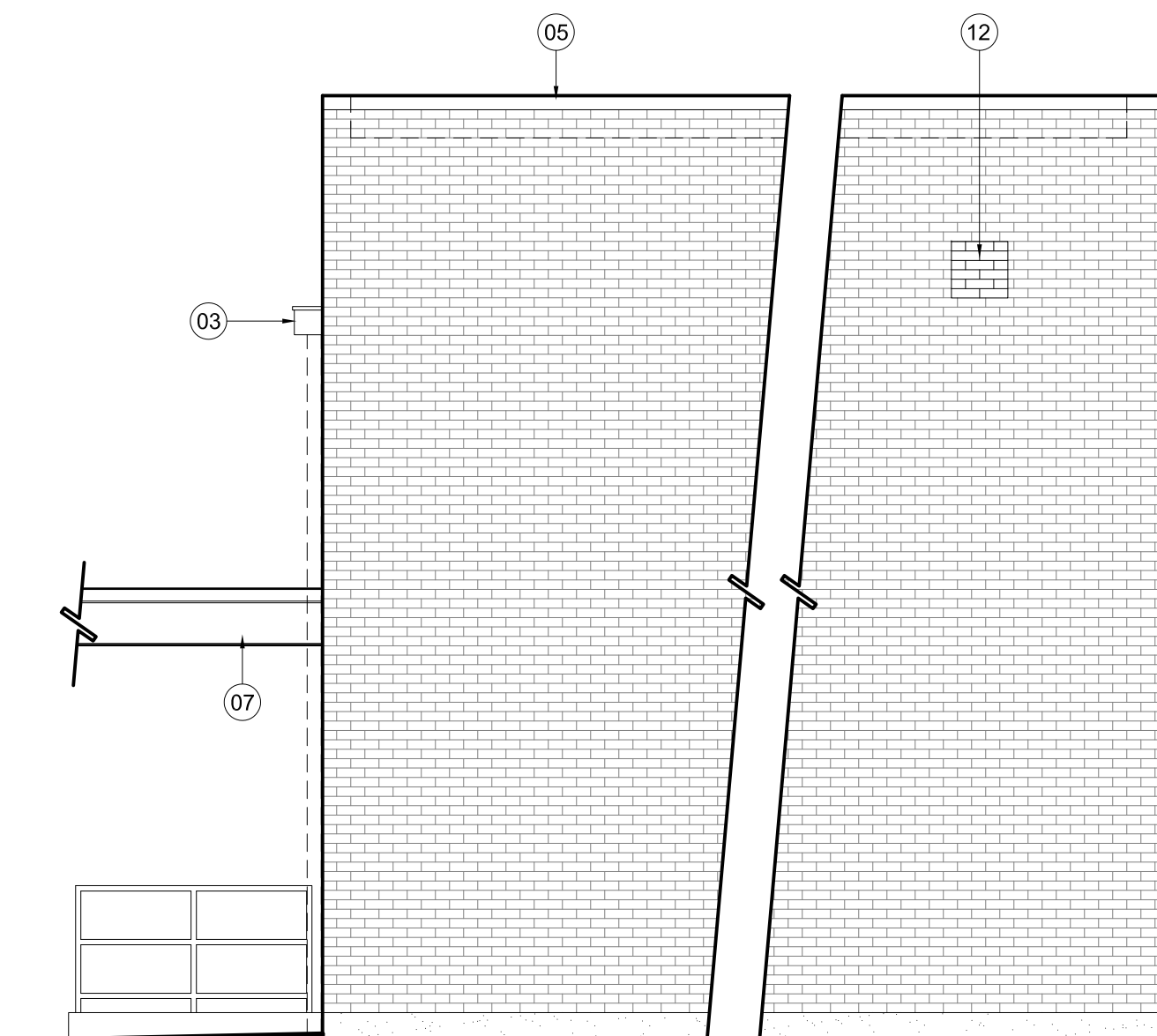
D EAST ELEVATION
A3.1 SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- CLEAN ALL EXISTING EXTERIOR MOUNTED CONDUITS AND PIPING OF DEBRIS, PRIME W/RUST INHIBITING PRIMER, AND PAINT
- REPOINT EXISTING BRICK MASONRY WHERE CRACKS EXCEED 1/8" (APPROX. 300sf)
- REMOVE EXISTING CAULK FROM MASONRY SURFACES AND RECAULK ALL EXTERIOR OPENINGS
- INFILL ANY HOLES WHERE EXISTING UTILITIES OR MEP EQUIPMENT REMOVED
- CLEAN LOOSE PAINT FROM ALL STEEL ANGLE LINTELS. PAINT WITH RUST INHIBITING PRIMER AND APPLY (2) COATS OF FINISH PAINT

ELEVATION NOTES:

- 01 NEW PREFINISHED METAL WRAP OVER AIR BARRIER ON 3/8" EXT. GRADE FRT PLYWD
- 02 NEW PREFINISHED METAL 24ga. GUTTER AND DOWNSPOUT
- 03 NEW 24ga PREFINISHED STEEL COLLECTOR BOXES & 6"x6" DOWNSPOUTS
- 04 INFILL EXISTING LOUVER OPENING W/NEW 8" CMU (INTERIOR) AND RUNNING BOND BRICK VENEER (EXTERIOR). SET BRICK BACK FROM FACE 1/2", PAINT.
- 05 NEW PREFINISHED METAL COPING W/CONT. CLEAT OVER NEW TRD WD BLOCKING @ T.O. WALL (SEE DETAIL B/A4.1)
- 06 CAULK CRACKS & GAPS IN EXISTING CONCRETE PANEL CLADDING. PRIME+PAINT AFTER REMEDIATION IS COMPLETE.
- 07 PREP, PRIME, AND PAINT EXISTING STEEL CONNECTOR CANOPY FRAME
- 08 EXIST PVC DOWNSPOUT BOOT (PAINT) WITH NEW RECTANGLE TO ROUND PVC TRANSITION
- 09 12"H SURFACE MOUNTED ALUMINUM BUILDING SIGNAGE W/STANDOFFS (CLEAR ANODIZED)
- 10 EXISTING SURFACE MOUNTED METAL CONDUITS TO BE PREPPED, PRIMED, AND PAINTED
- 11 EXISTING SURFACE MOUNTED GAS LINE AND SUPPORTS TO BE PREPPED, PRIMED, AND PAINTED
- 12 INFILL PREVIOUS VENT OPENING W/BRICK VENEER (EXTERIOR) AND CMU (INTERIOR). HOLD BRICK 1/2" BACK FROM FRONT FACE OF EXISTING.
- 13 SURFACE MOUNTED, PUSH-BUTTON DOOR ACTUATOR (SEE ELEC)
- 14 3"x4" PREFIN MTL DOWNSPOUT
- 15 ROOF TO WALL FLASHING (SEE DETAIL C/A4.1)
- 16 PREFINISHED METAL EXHAUST LOUVER (SEE MECH)
- 17 REMOVE EXISTING ABANDONED ELECTRICAL CONDUIT AND ASSOCIATED MOUNTING HARDWARE. FILL ALL HOLES WITH MORTAR, COLOR TO MATCH EXISTING.
- 18 REPOINT EXISTING MASONRY. REMOVE PREVIOUS REPAIR MATERIAL PRIOR TO REPOINTING, WHERE APPLICABLE.
- 19 NEW CHAIN LINK FENCE @ MECHANICAL PAD ENCLOSURE, SEE DETAIL J/C2.1
- 20 NEW OPENING IN EXISTING MASONRY WALL, SEE DETAIL E/A3.1. COORDINATE LOCATION, SIZE, AND ELEVATION WITH MECHANICAL AND EXISTING CONDITIONS



- EXIST. BRICK VENEER
- CONTINUOUS BEAD OF SEALANT
- TERMINATION BAR
- APPROPRIATE FASTENER
- 12" O.C. MAX. CONTINUOUS BEAD OF SEALANT
- RE-LAY (3) BRICK COURSES; BRICK TO BE SALVAGED FROM EXISTING
- THRU-WALL ROPE WEEPS @ 16" O.C.
- THRU-WALL MEMBRANE FLASHING
- 3"x3"x3/8" GALV. STL ANGLE, PAINT
- EXIST. CMU WALL
- 18ga GALV. METAL FLANGE TRIM @ ALL (4) SIDES OF DUCT, INTERIOR & EXTERIOR
- (2) 6"x3"x1/2" GALV. STL ANGLE, PAINT
- SPRAY FOAM INSULATION @ PERIMETER OF OPENING

E WALL OPENING DETAIL
A3.1 SCALE: 1/4" = 1'-0"

BLACK & WILLIAMS NEIGHBORHOOD CENTER
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JOSEPH B. EARLY
REGISTERED ARCHITECT
NO. 3998
OF KENTUCKY

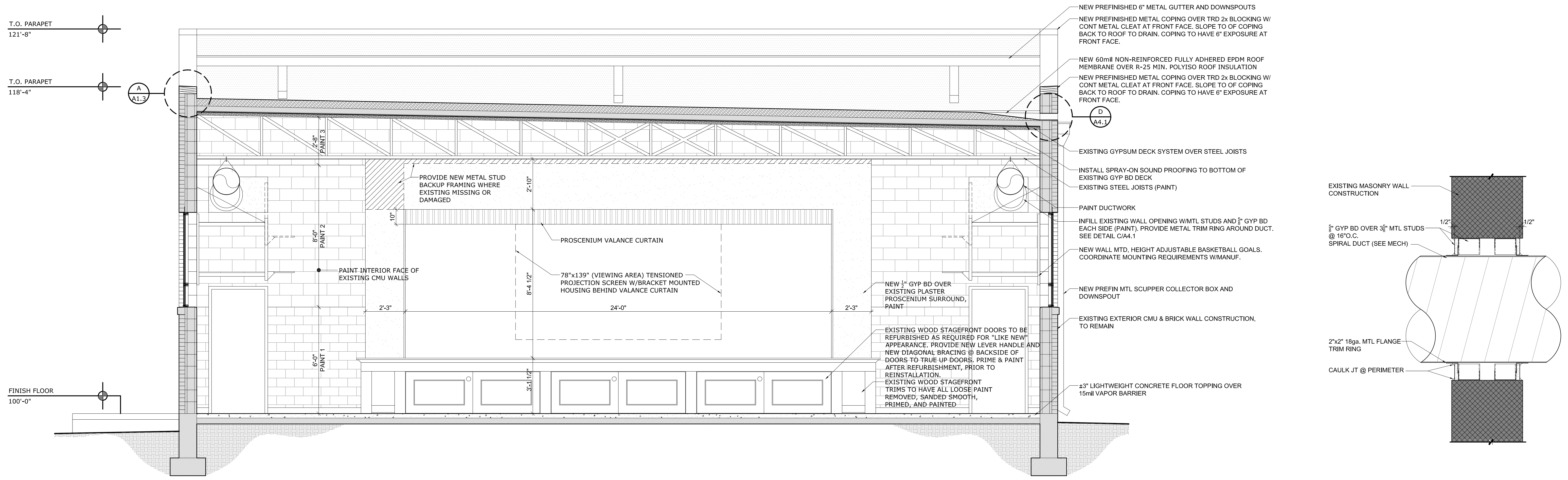
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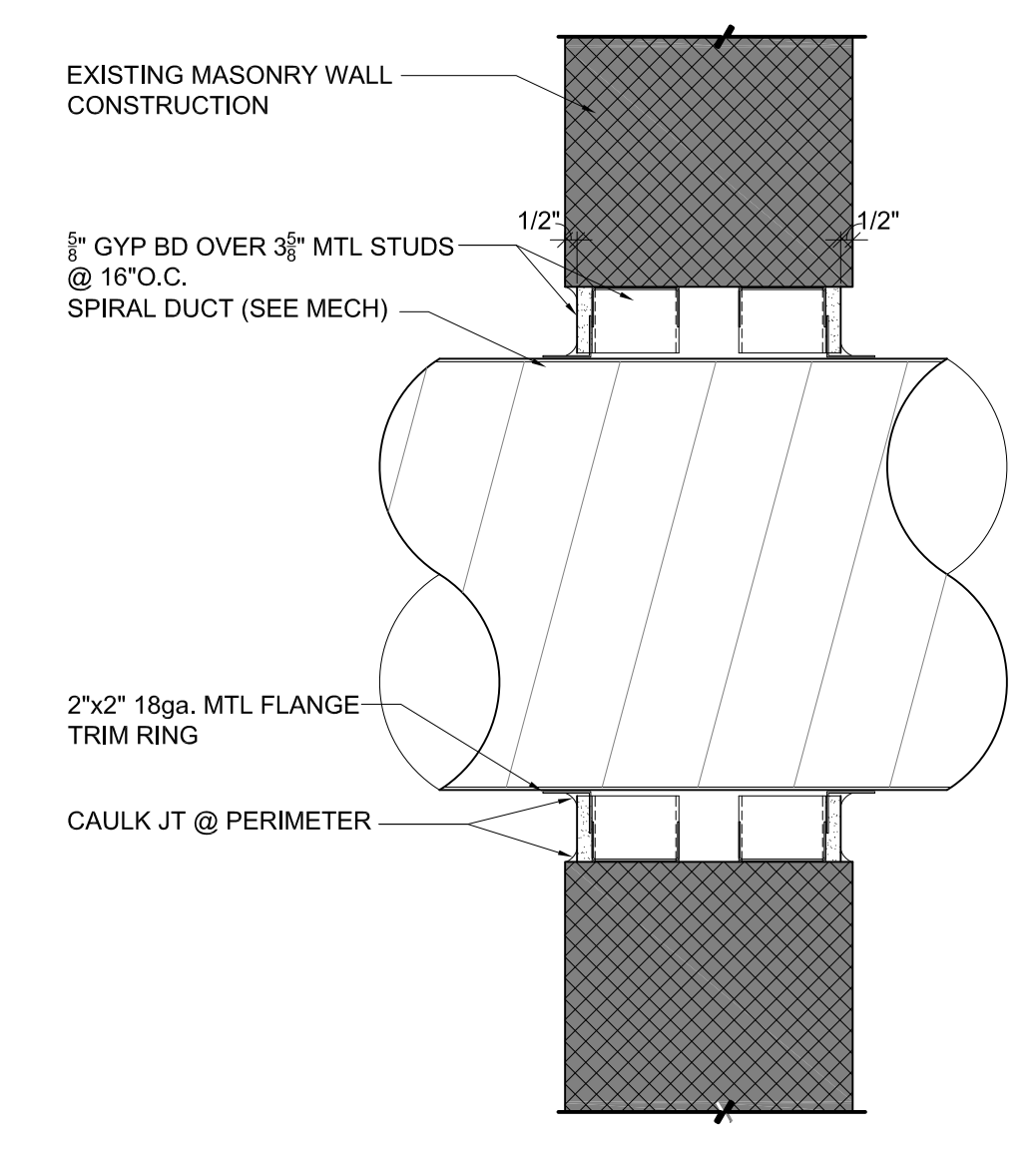
BUILDING ELEVATIONS

DATE: APRIL 9, 2023 DRAWN BY: DJT CHECKED BY: JEE REVISIONS:

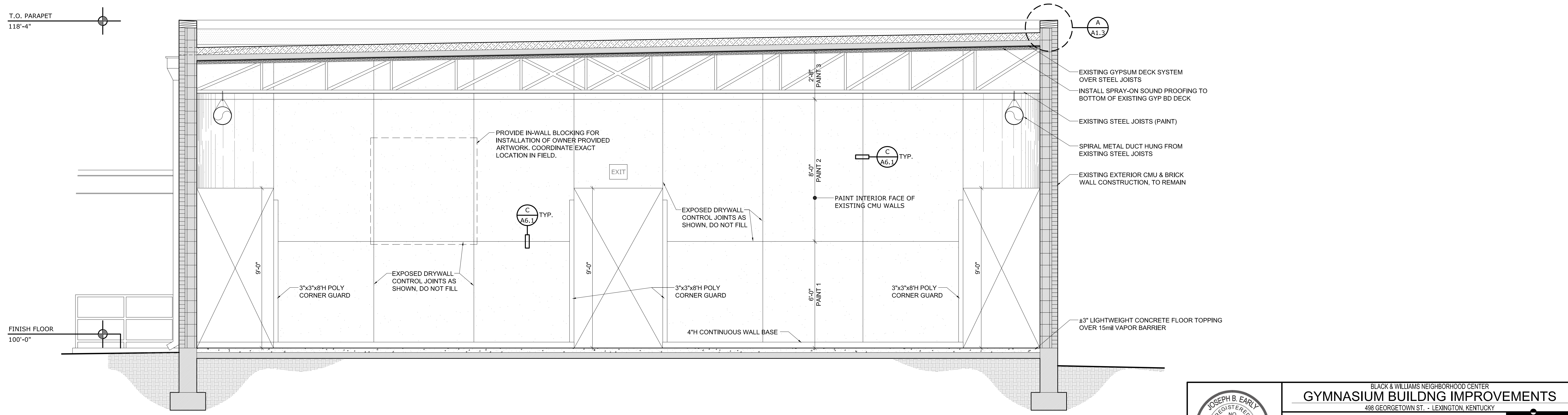
SHEET NO. **A3.1**



A BUILDING SECTION
 A4.1 SCALE: 3/8" = 1'-0"



C INFILL DETAIL
 A4.1 SCALE: 1 1/2" = 1'-0"



B BUILDING SECTION
 A4.1 SCALE: 3/8" = 1'-0"

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BUILDING SECTIONS

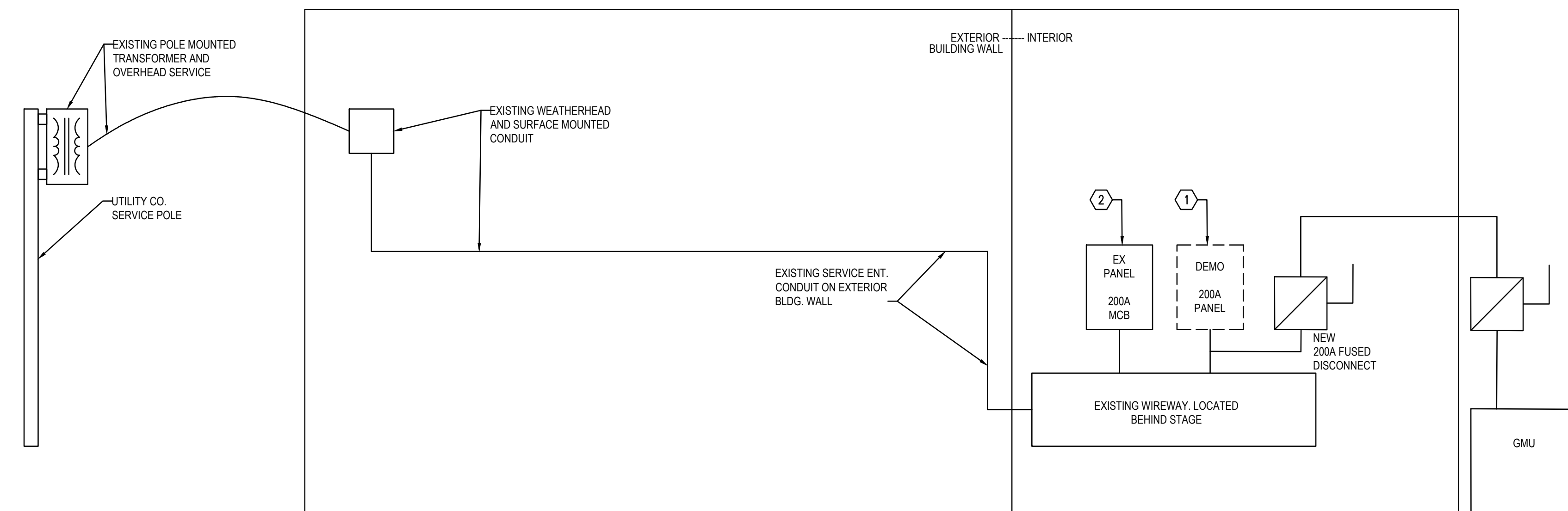
SHEET NO.
A4.1

DATE APRIL 9, 2023	DRAWN BY DCT	CHECKED BY JBE	REVISIONS
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KEY NOTES:

1. REMOVE EXISTING 200 AMP PANEL, & FEEDER BACK INTO WIREWAY. EXTEND EXISTING FEEDER & RECONNECT TO NEW 200 AMP FUSED DISC. THAT SERVES GMU.
2. EXISTING SERVICES 200 AMP PANEL TO REMAIN.

PANEL: PNL																
VOLTAGE:		120 / 208V		MINIMUM INTERRUPTING RATING:		10,000		MAIN LUG RATING:		225A						
PHASES:		3						MAIN CIRCUIT BREAKER RATING:		200A						
WIRES:		4														
GROUND:		INSULATED														
POLE NO.	C.B. TRIP	POLES	CIRCUIT SERVED	WIRE SIZE	Load Category	LOAD VA	A	B	C	LOAD VA	Load Category	WIRE SIZE	CIRCUIT SERVED	C.B. POLES	TRIP	POLE NO.
1	20	1	REC-STORAGE 101	12	R	720	4053			3333	H	10	WH-1	3	30	2
3	20	1	REC-MECH 102/100	12	R	540		3873		3333	H					4
5	20	1	REC-105,109,106	12	R	720			4053	3333	H					6
7	20	1	EWC	12	R	500	1250			750	H	12	EH-4	1	20	8
9	20	1	REC KITCHEN	12	R	180		280		100	M	12	EF-1	1	20	10
11	20	1	REC KITCHEN	12	R	360			1860	1500	H	12	EH-1	1	20	12
13	20	1	REC KITCHEN	12	R	360	1860			1500	H	12	EH-2	1	20	14
15	20	1	REC KITCHEN	12	R	360		1110		750	H	12	EH-3	1	20	16
17	20	1	REC-103	12	R	900			1316	416	L	12	LTS - 100,101,102,105,106,107,108	1	20	18
19	20	1	REC-103	12	R	360	882			522	L	12	LTS - 103	1	20	20
21	20	1	REC-103	12	R	720		1242		522	L	12	LTS - 103	1	20	22
23	20	1	REC-103	12	R	900			1422	522	L	12	LTS - 103	1	20	24
25	20	1	REC-STAGE 104	12	R	360	585			225	L	12	LTS 104, STAGE	1	20	26
27					M	4320		4842		522	L	12	LTS - 103	1	20	28
29	45	3	ADA LIFT		M	4320			4920	600	L	12	STAGE LIGHTS	1	20	30
31					M	4320	4415			95	L	12	EXTERIOR LIGHTS	1	20	32
33	20	1	REC-STAGE 104	12	R	540		1540		1000	M	12	ADA DOOR	1	20	34
35	20	1	PROJECTOR POWER	12	R	180			720	540	R	12	EXTERIOR REC	1	20	36
37	20	1	GOAL MOTORS	12	R	360	560			200	M	12	CURTAIN MOTOR	1	20	38
39	20	1	AV CONTROLLER	12	R			200		200	M	12	SCREEN MOTOR	1	20	40
41	20	1	REC-107	12	R	180			180			12	SPARE	1	20	42
						TOTAL KVA PER PHASE:	13.61	13.09	14.47	RECEPT (R)	100%	8.78		0	100%	(C) CONT
						TOTAL CONNECTED KVA:	41.16			LIGHT (L)	125%	4.28		0	100%	(NC)NONCONT
						TOTAL DEMAND:	43.10			MOTOR(M)	107%	15.5		0	100%	(K)KITCHEN
						DEMAND AMPS:	119.7			HEAT(H)	100%	14.5		0	100%	(WR) WELD
										PANELS (P)	100%	0				



ONE-LINE DIAGRAM
E3.1 SCALE: N.T.S.

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ELECTRICAL - SINGLE LINE

DATE: APRIL 2023 DRAWN BY: JEP CHECKED: JEP REVISIONS:

SHEET NO.
E3.1

**EXHIBIT B
PROPOSAL
SOLAR ENERGY SOLUTIONS**



SOLAR ENERGY
Solutions

Proposal

For: RFP #21-2026 Solar PV Installation at Black & Williams Gymnasium
Design Build: Solar PV System
498 Georgetown St, Lexington, KY 40508



Solar Energy Solutions (SES) is one of the region's largest and most experienced solar design, engineering, and construction firms, serving Indiana, Kentucky, Ohio, Virginia, and surrounding states. Founded in Kentucky in 2006, Solar Energy Solutions has more than 3,000 active photovoltaic and battery storage projects in the residential, commercial and utility sectors.

Presented by:
Nick Bowman
Estimating Manager
(859) 618-4849
NickB@sesre.com
www.sesre.com



A. INDEX

This proposal includes the following sections:

- 1) Question Responses and attachments per RFP Scope of Work
 - 1.1) Company profile and project experience (pg. 3)
 - 1.2) Commercial Project References in LG&E-KU Service Area (pg. 4)
 - 1.3) Project Team (pg. 7)
 - 1.4) Technical Approach (pg. 9)
 - i. PV module specifications (pg. 10)
 - ii. Inverter specifications (pg. 12)
 - iii. Optimizer specifications (pg. 14)
 - iv. Racking specifications (pg. 17)
 - v. Load analysis (pg. 29)
 - vi. Line diagram (pg. 44)
 - vii. Software modeling report (pg. 45)

- 2.) Misc. Relevant Documents
 - 2.1) Clarifications and Design Considerations (pg. 49)
 - 2.2) Certificate of Insurance (pg. 50)
 - 2.3) Affirmative Action Policy (pg. 51)

- 3) Full RFP document with signatures, price proposal, and 1 addendum (pg. 61)
 - 3.1) Price proposal form (pg. 100)

1.1 QUESTION RESPONSES

Company Profile

- **Company name:** Solar Energy Solutions
- **Company address:** 1038 Brentwood Ct. B, Lexington, KY 40511
- **Year established:** 2006
- **Number full-time employees:** 56
- **Elaborate on company's focus on solar with respect to other services and company's impact and presence in Lexington:** Solar Energy Solutions is wholly focused on the engineering, procurement, and construction of solar PV systems for residential, commercial, and utility customers. SES also performs work related to EV charges and battery systems to accompany our solar arrays, and is increasingly offering O&M services to existing customers. SES was founded in Lexington in 2006. In the last 20 years of doing business, we have installed nearly 3,300 PV systems, the majority of which are located in Kentucky.

Project Experience:

- **Specific to solar PV systems installed by the company in calendar year 2024, What was the total number of systems installed?** 257
- **What was the total installed capacity in KW?** ~9,300 kW-DC
- **Describe your experience with project permitting and interconnection experience with LGE-KU:** SES has extensive experience permitting with LG&E-KU and rarely has issues with interconnection in LG&E-KU service areas.
- **Attach two (2) references of applicable projects within LGE-KU service territory including a brief description of the PV system installed.** See next 3 pages

1.2 COMMERCIAL PROJECTS REFERENCES

SES is proud of its previous work with LFUCG

Fire Station #21

Completed in 2022; 21.78 kW-DC of Canadian Solar modules

Fire Station #9

Completed in 2023; 10.6 kW-DC of Trina Solar modules

Parks and Maintenance Building

Completed in 2024; 24.6 kW-DC of NE Solar modules

Projects outside of LFUCG include:

Sekisui

Randy Hardwick

Director of EHS & Kaizen

1200 Rolling Hills Lane

Winchester, KY 40391

Email: randyh@sekisui-corp.com

Tel: 859-338-7500

Brookfield Properties

Kendall Merrick

General Property Manager

Oxmoor Mall

7900 Shelbyville Road

Louisville, KY 40222

kendall.merrick@brookfieldpropertiesretail.com

Tel: 502-410-4238

Project Name/Location	Client Name/Contact Info	Capacity (kW DC)	Operational Date	Cash or PPA?	Installed Cost
Oxmore Mall/Mall of St. Matthews	kendall Merrick - General Property Manager - kendall.merrick@brookfieldpropertiesretail.com Tel: 502-410-4238	1280	2018	Cash	\$755,280
Sekisui	Randy Hardwick - Director of EHS & Kaisei - randyh@sekisui-corp.com - 859-338-7500	814	2018	Cash	\$1,292,165



Sekisui Manufacturing Commercial Sector | Winchester, KY

Project Details:

- **Location** - Winchester, KY
- **Completed** - 2018
- **Modules** - LG 400W Panels
- **Size** - 814 kW

Reference

Randy Hardwick
Director of EHS & Kaizen
1200 Rolling Hills Lane
Winchester, KY 40391
Email: randyh@sekisui-
corp.com
Tel: 859-338-7500

Project Description:

Sekisui S-Lec a leading manufacturer of interlayer film for glass in the buildings and auto industry was motivated to install solar by corporate global CO2 reduction targets and incentive campaigns. With limited roof and ground space available SES turned to ultra high efficiency LG 400W panels to give maximum energy production yields and low slope roof racking to maximize power density. The system stands in the Top 5 ranking of private Kentucky solar farms.

Sekisui's system is expected to offset 39,888,728 lbs of CO2 over the panels' 25 year lifespan. Page 5



1.28 MW Oxmoor Mall & Mall of St. Matthews Commercial Sector | Louisville, KY

Project Details:

- **Location** - Louisville, KY
- **Completed** - 2018
- **Modules** - Hanwha Panels
- **Size** - 1.28 MW

Reference

Brookfield Properties

Kendall Merrick

General Property Manager

Oxmoor Mall

7900 Shelbyville Road, Louisville, KY 40222

kendall.merrick@brookfieldpropertiesretail.com

Tel: 502-410-4238

Project Description:

Oxmoor Mall and the Mall of St. Matthews installed a combined 1.28 MW of solar PV to offset lighting, heating, and HVAC costs.

Not just driven by financial concerns, the property owner continues to follow-through on a national commitment to transition its over 127 Malls to cleaner and more energy-efficient energy sourcing.



1.3 PROJECT TEAM

Provide work experience and relevant professional certifications (electrical license, P.E., NABCEP, etc.) for: (1) Person responsible for the system design; (2) Person to oversee installation.

Our staff is highly trained and specialized in the engineering and installation of photovoltaic and battery storage systems. Our focus on expertise and education is reflected in our staff carrying relevant licenses and certifications, including PE licenses, electrical licenses, solar-specific NABCEP certifications, and more. Our commitment extends to creating our solar electrical apprenticeship program, which has been approved by Kentucky, Indiana, Ohio, and Virginia.

Solar Energy Solutions is proud to employ the highest-quality team in our region. We continually strive to improve our skill set and knowledge base. Our certifications and partnerships include:

- 7 NABCEP Certified PV Installers
- 1 NABCEP Certified PV Designer
- 5 Master Electricians
- 1 Certified Professional Engineer
- SEIA Member nationwide and locally
- Tesla Energy Premier Partners
- Solar Edge Certified Partners
- Amicus Member
- SPAN Certified Partner



SES take pride in being an employee-owned company (ESOP), and an active member of Amicus, SEIA, and numerous local and regional energy organizations.



1.3 PROJECT TEAM (CONT.)



Daniel Young, VP Engineering

Daniel holds a bachelor's degree in mechanical engineering and an associate degree in renewable energy systems. He has been designing and installing solar energy systems since 2006 and has held NABCEP certification since 2008. He was previously in the role of Senior System Designer at another solar installation company and held that role for 7 years before joining SES. Daniel has had experience designing and installing solar energy systems ranging from small off-grid cabins, up to multi-megawatt utility generation plants.



Patrick Little, Commercial Project Manager

Mr. Little brings over 12 years of hands-on experience in the construction industry, specializing as an electrician and controls expert. For the past 6 years, he has successfully led Industrial and Commercial projects as a Project Manager, demonstrating strong leadership and technical acumen across diverse sectors.

His portfolio includes work on hospitals, educational institutions, industrial facilities, and both public and private office buildings. Notable recent projects under his management include the installation of the BNGC Carport, the Wendell H. Ford Carport, and the Frankfort Plant Board's 1.3 MW ground-mounted solar array.

If sub-contractors will be used, describe the work to be performed and quantify as a percentage of project cost:

SES does not anticipate subcontracting at this time. In the interest of ensuring a competitive quote and adhering to the stipulated timeline, SES must avoid involving other firms. If MWDBE participation is required for this project, SES will arrange a scope of work to be performed by others for an additional administrative fee.

1.4 TECHNICAL APPROACH

Summary of approach and alternatives:

SES is proposing a fully ballasted SolarEdge System using non-domestic modules. This design complies with the RFP's SOW and offers the lowest up-front cost to LFUCG.

Under the proposed design, SES expects no modifications or attachments to the roof. We will engage a roofing contractor as needed to ensure the roof warranty is not voided. This may or may not include a full inspection by a certified roofer, or procurement of slip sheets via approved distributors.

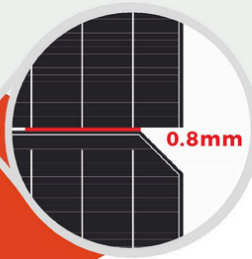
SES is offering the exact DC size listed in the provided drawing, as no minimum size was listed. Cost may be reduced with reduction in DC size.

A detailed project schedule can be provided after award and before NTP based on SES's installation queue. We currently see no issues with a 75 day completion period (likely less than 30 days). The only unknown variable in our timeline would be approval from the utility. This is rarely an issue with LG&E-KU, but we expect to see an influx of applications in 2027 as projects rush to safe-harbor for tax credits. SES cannot be held responsible for delays in utility interconnection approval.

If LFUCG is interested in claiming direct-pay ITC on this project, SES estimates a cost increase of ~\$1,500 to provide sufficient domestic content. This could be covered by the owner's allowance of \$2,000.

Include as attachments the following items:

- **PV module specifications**
- **Inverter specifications**
- **Optimizer specifications**
- **Racking specifications**
- **For ballasted systems, load analysis documenting the geometry of the system relative to the roof and the weight of individual components. The analysis must specify the design criteria (e.g. snow, wind, seismic) used to determine the distributed load of the system**
- **Line diagram for dc/ac wiring showing component path from modules to point of interconnection**
- **Software modeling report quantifying expected monthly output (kWh) and monthly peak generation (kW)**



12
YEAR
QUALITY ASSURANCE

30
YEAR
POWER OUTPUT GUARANTEE

Micro Gap - Cell gap reduced to 0.8mm

VSUN610N-144BMH-DG

VSUN610N-144BMH-DG

VSUN605N-144BMH-DG

VSUN600N-144BMH-DG

VSUN595N-144BMH-DG

VSUN590N-144BMH-DG

VSUN585N-144BMH-DG

610W

Highest power output

23.61%

Module efficiency

1.0%

First-year degradation warranty

0.40%

Annual degradation over 30 years

KEY FEATURES

TOPcon TOPcon technology



Higher output power



MBB technology with Circular Ribbon



Positive tolerance offer



Bifacial cells, converting more sunlight into electricity



Better shading tolerance



Better temperature coefficient



Excellent PID Resistance



Lower LCOE



UL 61730 & CSA 61730
IEC 61215 & IEC 61730

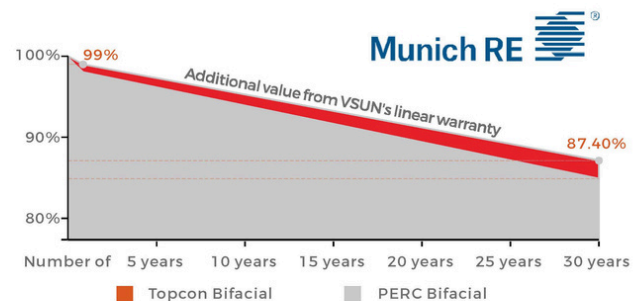
ABOUT VSUN

Invested by Fuji Solar, VSUN SOLAR is a solar solution provider with headquartered in Tokyo, Japan that offers reliability, high efficiency solar products and technology globally. VSUN is rated as BNEF Tier 1 PV module manufacturer, PVEL Lab "Best performer" and EcoVadis "Bronze Award".

PRODUCT CERTIFICATION



WARRANTY



Munich RE

Electrical Characteristics at Standard Test Conditions(STC)

Module Type	VSUN610N-144BMH-DG	VSUN605N-144BMH-DG	VSUN600N-144BMH-DG	VSUN595N-144BMH-DG	VSUN590N-144BMH-DG	VSUN585N-144BMH-DG
Maximum Power - Pmax (W)	610	605	600	595	590	585
Open Circuit Voltage - Voc (V)	53.34	53.12	52.9	52.69	52.48	52.25
Short Circuit Current - Isc (A)	14.13	14.08	14.03	13.98	13.93	13.88
Maximum Power Voltage - Vmpp (V)	45.32	45.12	44.92	44.71	44.5	44.29
Maximum Power Current - Imp (A)	13.46	13.41	13.36	13.31	13.26	13.21
Module Efficiency	23.61%	23.42%	23.23%	23.03%	22.84%	22.65%

Standard Test Conditions (STC): irradiance 1,000 W/m²; AM 1.5; module temperature 25°C. Pmax Sorting: 0~5W. Measuring Tolerance: ±3%.

Remark: Electrical data do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

Electrical Characteristics with different rear side power gain(reference to 605 front)

Pmax (W)	Voc (V)	Isc (A)	Vmpp (V)	Imp (A)	Pmax gain
635	53.12	14.78	45.12	14.08	5%
666	53.12	15.49	45.12	14.75	10%
726	53.20	16.90	45.04	16.09	20%
756	53.20	17.60	45.04	16.76	25%

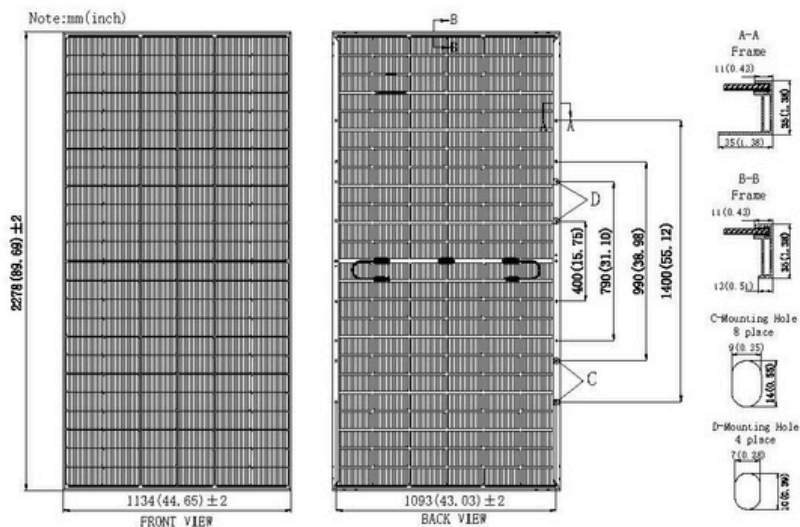
Material Characteristics

Dimensions	2278×1134×35mm (L×W×H) 89.69×44.65×1.38 inches (L×W×H)
Weight	32.7kg / 72.09lbs
Frame	Silver anodized aluminum profile
Front Glass	AR-coating Semi-toughened glass, 2.0mm
Back Glass	Glazed & Semi-toughened glass, 2.0mm
Cells	12×12 pcs mono solar cells series strings
Junction Box	IP68, 3 diodes
Cable	Portrait: 500 mm (cable length can be customized) , 1×4 mm ² or 12AWG

Packaging

Dimensions(L×W×H)	2310×1125×1253mm / 90.94×44.29×49.33inches
Quantity per pallet	31 pcs
Container 20'	155
Container 40'	310
Container 40'HC	620 or 558 for US

Dimensions



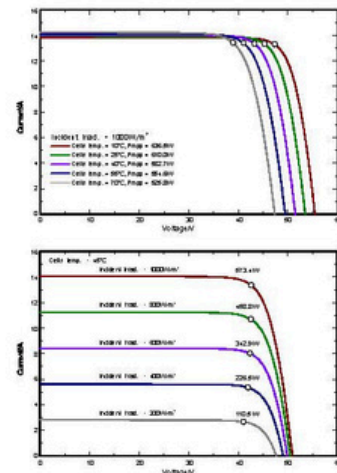
System Design

Maximum System Voltage [V]	1500
Series Fuse Rating [A]	30
Bifaciality	80% ± 10%
Fire Rating	Class C for IEC and TYPE 29 for US
Protection Class	Class II
Temperature Range	-40 °C to + 85 °C
Maximum Surface Load	+5400/-2400 Pa + 113/-50 psf
Application class	class A
Withstanding Hail	Maximum diameter of 25 mm with impact speed of 23 m/s

Temperature Characteristics

NOCT	45°C (±2°C)
Voltage Temperature Coefficient	-0.26%/°C
Current Temperature Coefficient	+0.046%/°C
Power Temperature Coefficient	-0.30%/°C

IV-Curves



Three Phase Inverters for the 120/208V Grid For North America

SE10KUS / SE17.3KUS



INVERTERS

The best choice for SolarEdge enabled systems

- Specifically designed to work with power optimizers
- Quick and easy inverter commissioning directly from a smartphone using SolarEdge SetApp
- Fixed voltage inverter for superior efficiency and longer strings
- Built-in type 2 DC and AC Surge Protection, to better withstand lightning events
- Small, lightest in its class, and easy to install outdoors or indoors on provided bracket
- Integrated arc fault protection and rapid shutdown for NEC 2014 – 2023, per article 690.11 and 690.12
- Built-in module-level monitoring with Ethernet, wireless or cellular communication for full system visibility
- Integrated Safety Switch
- UL 1741 SA and SB certified, for CPUC Rule 21 grid compliance

Three Phase Inverters for the 120/208V Grid

For North America

SE10KUS / SE17.3KUS

Model Number	SE10KUS	SE17.3KUS	
Applicable to inverters with part number	SEXXX-USX2IXXXX		
OUTPUT			
Rated AC Power Output	1000	1730	W
Maximum Apparent AC Output Power	0	0	VA
AC Output Line Connections	1000	3W + PE, 4W + PE	1730
AC Output Voltage Minimum-Nominal-Maximum(2) (L-N)	0	105 – 120 – 132.5	Vac
AC Output Voltage Minimum-Nominal-Maximum(2) (L-L)		183 – 208 – 229	Vac
AC Frequency Minimum-Nominal-Maximum(2)		59.3 – 60 – 60.5	Hz
Continuous Output Current (per Phase)			Aac
GFDI Threshold	27.8	48.25	
Utility Monitoring, Islanding Protection, Country Configurable Set Points		1	A
THD		Yes	
Power Factor Range		≤ 3	%
		+/- 0.85 to 1	
INPUT			
Maximum DC Power (Module STC)	17500	30275	W
Transformer-less, Ungrounded		Yes	
Maximum Input Voltage DC+ to DC-		600	Vdc
Operating Voltage Range		370 – 600	Vdc
Maximum Input Current	27.8	48.25	Adc
Maximum Input Short Circuit Current		55	Adc
Reverse-Polarity Protection		Yes	
Ground-Fault Isolation Detection		167kΩ Sensitivity ⁽³⁾	
CEC Weighted Efficiency	97	97.5	%
Night-time Power Consumption		< 4	W
ADDITIONAL FEATURES			
Supported Communication Interfaces	2 x RS485, Ethernet, Cellular (optional)		
Inverter Commissioning	With the SetApp mobile application using built-in Wi-Fi access point for local connection		
Rapid Shutdown	NEC 2014 – 2023, built-in		
RS485 Surge Protection Plug-in	Supplied with the inverter, built-in		
AC, DC Surge Protection	Type II, field replaceable, built-in		
DC Fuses (Single Pole)	25A, built-in		
Smart Energy Management	Export Limitation		
DC SAFETY SWITCH			
DC Disconnect	Integrated		
STANDARD COMPLIANCE			
Safety	UL 1741, UL 1741 SA, UL 1741 SB, UL 1699B, CSA C22.2, Canadian AFCI according to T.I.L. M-07		
Grid Connection Standards	IEEE 1547-2018, Rule 21, Rule 14 (HI)		
Emissions	FCC Part 15 Class A		
INSTALLATION SPECIFICATIONS			
AC Output Conduit size / AWG range	¾" or 1" / 6 - 10 AWG		
DC Input Conduit size / AWG range	¾" or 1" / 6 - 12 AWG		
Number of DC inputs pairs	4		
Dimensions with Safety Switch (H x W x D)	31.8 x 12.5 x 11.8 / 808 x 317 x 300		
Weight with Safety Switch	78.2 / 35.5		
Cooling	Fans (user replaceable)		
Noise	< 62		
Operating Temperature Range	-40 to +140 / -40 to +60(4)		
Protection Rating	NEMA 3R		
Mounting	Bracket provided		

(1) For 277/480V inverters refer to the Three Phase Inverters for the 277/480V Grid for North America datasheet.

(2) For other regional settings please contact SolarEdge support.

(3) Where permitted by local regulations.

(4) For power derating information refer to the Temperature Derating technical note for North America.

Commercial Power Optimizer

USA Domestic Content Eligible

C651U

POWER OPTIMIZER



SolarEdge's USA-manufactured offering for C&I projects, for power optimization at the module level

- **Eligible for Domestic Content***
 - SolarEdge USA-manufactured power optimizers, when paired with certain SolarEdge USA-manufactured inverters, are intended to be eligible for the enhanced federal income tax credit for domestic content
- **Higher Energy Yields**
 - Generates maximum power from each PV module
 - High efficiency (99.5%)
 - Supports high power and bifacial PV modules, including G12 modules
- **Enhanced Monitoring and Visibility**
 - Maximum system visibility up to the individual module level
 - Pinpointed fault detection and remote troubleshooting
- **Maximum Protection with Built-in Safety**
 - Designed to automatically reduce high DC voltage to touch-safe levels, upon grid/inverter shutdown, with SafeDC™
 - Includes SolarEdge Sense Connect, designed to prevent arcs by monitoring Power Optimizer connectors for overheating
 - Certified to Photovoltaic Rapid Shutdown, according to NEC 2014 – 2023

* For more information, refer to the last page of this document

/ Power Optimizer

USADomesticContent Eligible for North America

C651U

Power Optimizer Model	C651U	
INPUT		
RatedInputDCPower ⁽¹⁾ Absolute Maximum Input Voltage (Voc)	650	W
MPPT Operating Range Maximum Short Circuit Current (Isc)	80	Vdc
of Connected PV Module(2) Maximum Adjusted Short Circuit Current	12.5 – 80	Vdc
Current (with Safety Factor)(3) Maximum Efficiency Weighted Efficiency	20	Adc
	25	Adc
	99.5	%
	98.8	%
Overvoltage Category	II	
OUTPUT DURING OPERATION		
Maximum Output Power	650	Wdc
Maximum Output Current	24	Adc
Maximum Output Voltage	60	Vdc
SAFETY FEATURES		
SafeDC™	Yes	
Safety Output Voltage per Power Optimizer	0.5 ± 0.075	Vdc
Sense Connect	Yes	
Photovoltaic Rapid Shutdown System	Yes, NEC 2014 – 2023	
STANDARD COMPLIANCE		
EMC	FCC Part 15; IEC 61000-6-2; IEC 61000-6-3	
Safety	IEC62109-1 (class II safety); UL 1741; UL 3741; CSA C22.2#107.1	
Material	UL94 V-0, UV Resistant	
RoHS	Yes	
Fire Safety	VDE-AR-E 2100-712:2013-05	
INSTALLATION SPECIFICATIONS		
Compatible SolarEdge Inverters ⁽⁴⁾	Commercial Three Phase Inverters with one of the following part number structures: xSE-SIN-USxxIxxxx SE-DBL-USxxIxxxx SE-TRI-USxxIxxxx	
Maximum Allowed System Voltage	1000	Vdc
Dimensions (W x L x H)	128 x 155 x 52 / 5.03 x 6.10 x 2.05	mm / in
Weight Input Connector Input	1080 / 2.38	gr / lb
Wire Length Output Connector	MC4(5)	
Output Wire Length Operating Temperature Range(7) Protection	(+) 1.4, (-) 1.4 / (+) 4.59, (-) 4.59(6)	m/ft
Rating Relative Humidity	MC4 (+) 3.0 (-) 0.10 / (+) 9.84, (-) 0.32 -40 to +85 / -40 to +185	m/ft °C / °F
	IP68 / NEMA6P	
	0 – 100	%

- (1) Modules with a front side maximum power of up to 715W at STC are allowed. Up to +5% power tolerance is allowed.
- (2) When using bifacial modules, consider only the front side Isc at STC (0% back side gain). For details, see here.
- (3) Adjusted for ambient temperature, irradiance, bifacial gain, safety factor, and so on, in accordance with NEC and CSA.
- (4) For detailed inverter compatibility information, see here.
- (5) For other connector types please contact SolarEdge.
- (6) The Sense Connect feature is only enabled on the output wire connectors. For details, see here.
- (7) For ambient temperatures above +65°C / +149°F, power derating is applied. For details, see here.

/ Power Optimizer

USADomesticContent Eligible for North America

C651U

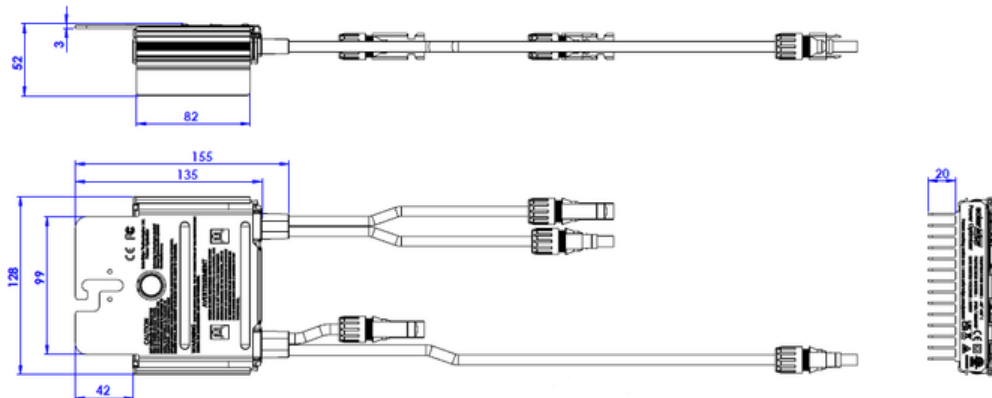
PV System Design Using a SolarEdge Inverter(8)		208V Grid	208V Grid	277/480V Grid	277/480V Grid		
		SE10K	SE17.3K*	SE30K, SE33.3K*	SE40K*		
Compatible Power Optimizers		C651U					
Minimum String Length	Power Optimizers	13	13	18	18		
	PV Modules	13	13	18	18		
Maximum String Length	Power Optimizers	57	57	57	57		
	PV Modules	57	57	57	57		
Maximum Continuous Power per String		10,000	9600	20,400	20,400	W	
Maximum Allowed Connected Power per String(9)		1 string or more – 15,000	1 string – 11,400	1 string – 22,650	1 string – 22,650	W	
			2 strings or more – 15,600	2 strings or more – 30,400	2 strings or more – 30,400		
Parallel Strings of Different Lengths or Orientations		Yes					
Maximum Difference in Number of Power Optimizers Allowed Between the Shortest and Longest String Connected to the Same Inverter Unit		5 Power Optimizers					

*The same rules apply for Synergy units of equivalent power ratings, that are part of the modular Synergy Technology inverter.

(8) C651U cannot be mixed with any other Power Optimizer models in the same string.

(9) To connect more STC power per string, design your project using SolarEdge Designer.

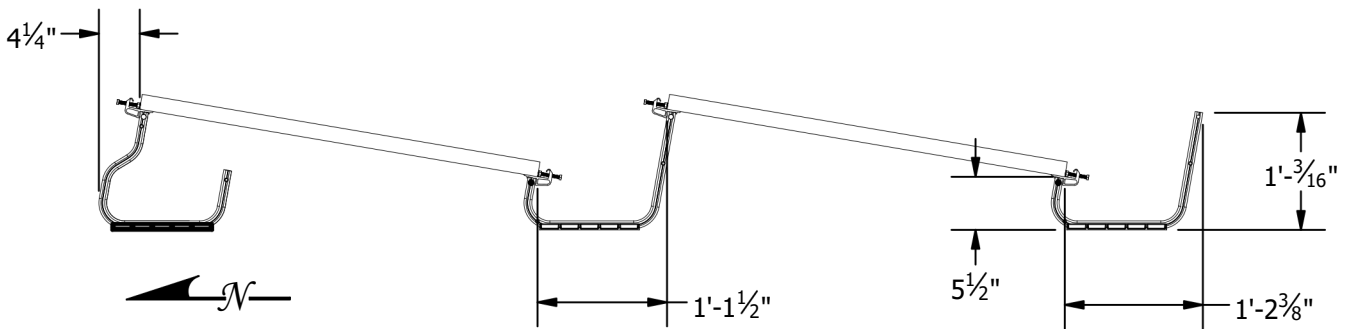
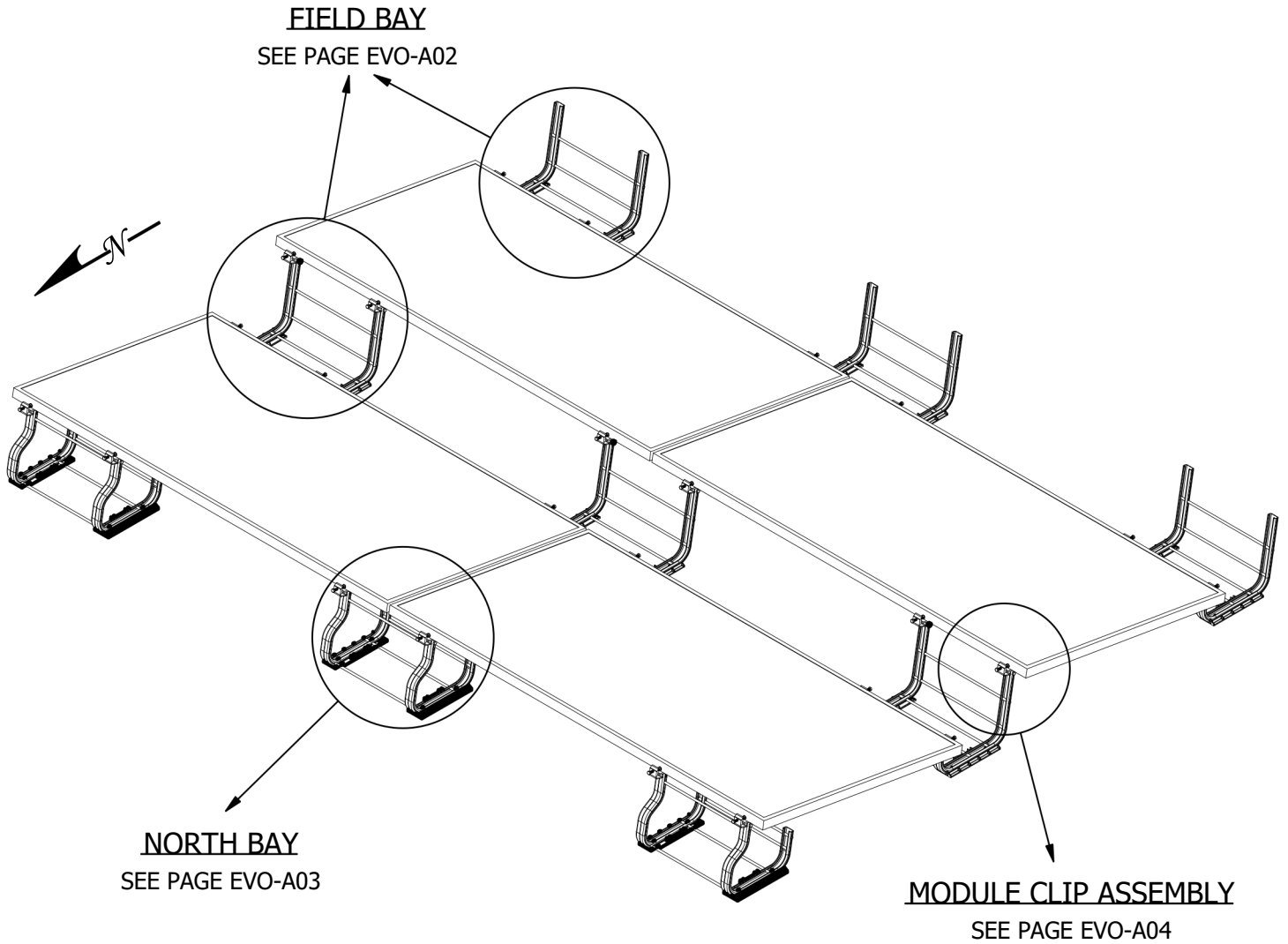
C651U Mechanical Drawing



Eligibility for Domestic Content

As it relates to the domestic content rules, the U.S. Department of Treasury and the IRS have not yet issued proposed or final regulations. Rather, the IRS has issued three notices - Notice 2023-38, Notice 2024-41 and Notice 2025-08. These notices provide guidance regarding the domestic content rules. SolarEdge products referenced herein are manufactured with the intent to be eligible for inclusion under the elective safe harbor table in calculating the Domestic Cost Percentage under the "Rooftop (MLPE)" category (under IRS Notices 2024-41 and 2025-08, depending on the PN used – see chart below). Eligibility is subject to the installation of qualified USA-Manufactured inverters and Power Optimizers (C651U) in the same project. SolarEdge does not provide tax and/or legal advice. You should consult with your own legal and/or tax advisor(s) regarding the eligibility of your project for the ITC or PTC, including the 10% Domestic Content bonus, to determine how the applicable rules apply to your project. The forward-looking statements in this document are accurate as of the date herein and are subject to change. For more information, please contact your local SolarEdge sales representative.

PN	Domestically produced MPCs per notice 2024-41*	Domestically produced MPCs per notice 2025-08*
USE-SIN-USR0IBNS6, when paired with C651U	Printed Circuit Board Assemblies, Electrical Parts, Enclosure (35.6%)	Printed Circuit Board Assemblies (DC-DC) and (AC-AC), Enclosure, Production (24.8%)
USESUK-USR0INNN6, when paired with C651U	Printed Circuit Board Assemblies, Electrical Parts, Enclosure (35.6%)	Printed Circuit Board Assemblies (DC-DC) and (AC-AC), Enclosure, Production (24.8%)
USE-SIN-USR0IBNS8, when paired with C651U	Printed Circuit Board Assemblies, Electrical Parts, Enclosure (17.6%)	Printed Circuit Board Assemblies (DC-DC) and (AC-AC), Enclosure, Production (24.8%)
	Printed Circuit Board Assemblies, Electrical Parts, Enclosure (17.6%)	Printed Circuit Board Assemblies (DC-DC) and (AC-AC), Enclosure, Production (24.8%)
USESUK-USR0INNN8, when paired with C651U	Printed Circuit Board Assemblies, Electrical Parts, Enclosure (17.6%)	Printed Circuit Board Assemblies (DC-DC) and (AC-AC), Enclosure, Production (24.8%)



PROFILE VIEW

NOTES:

1. ARRAY DIMENSIONS WILL VARY BASED ON MODULE WIDTH, LENGTH AND RETURN FLANGE.



1411 BROADWAY BLVD
 ALBUQUERQUE, NM 87102
 PHONE: 505.242.6411
 WWW.UNIRAC.COM

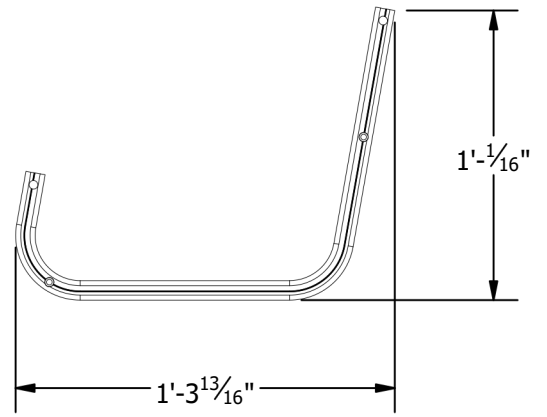
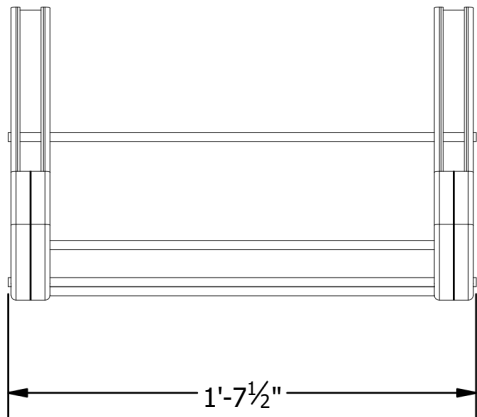
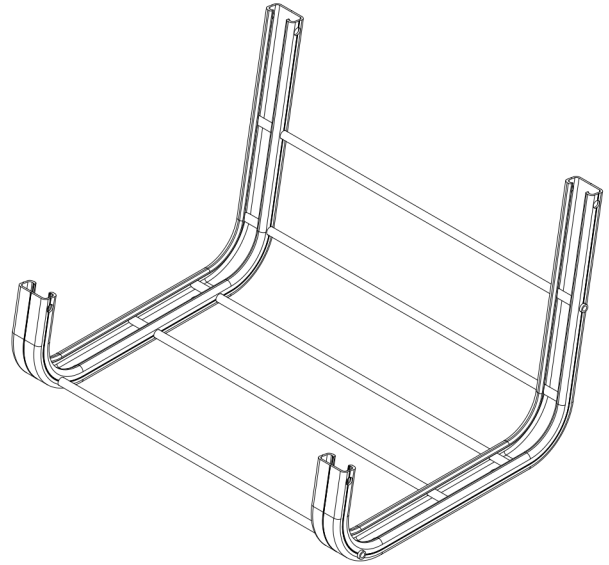
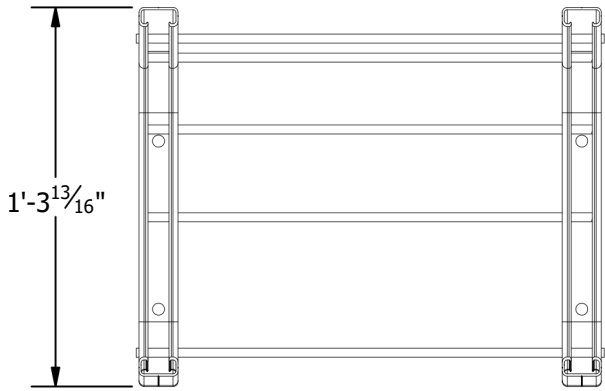
PRODUCT LINE:	RM10 EVO
DRAWING TYPE:	SYSTEM ASSEMBLY
DESCRIPTION:	RM10 EVO
REVISION DATE:	12/10/2021

DRAWING NOT TO SCALE
 ALL DIMENSIONS ARE NOMINAL

PRODUCT PROTECTED BY
 ONE OR MORE US PATENTS
 LEGAL NOTICE

O A 1 V O
 SHEET

ASSEMBLY # TABLE	
P/N	DESCRIPTION
370010	RM10 EVO FIELD BAY



UNIRAC[®]
 1411 BROADWAY BLVD
 ALBUQUERQUE, NM 87102 USA
 PHONE: 505.242.6411
 WWW.UNIRAC.COM

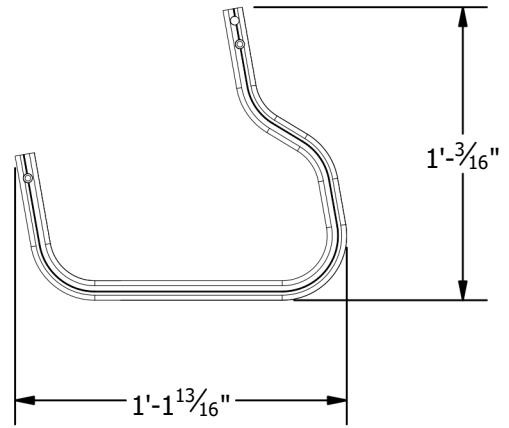
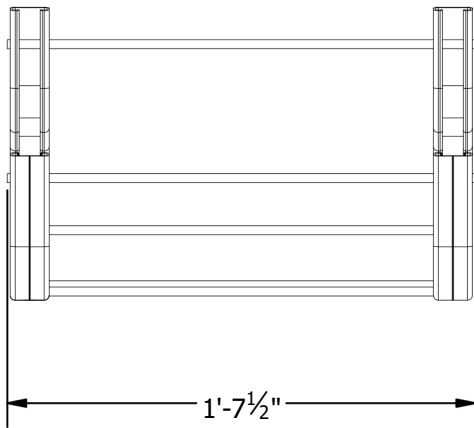
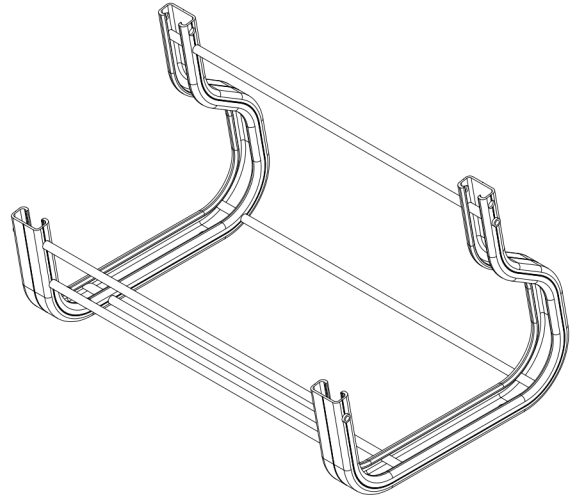
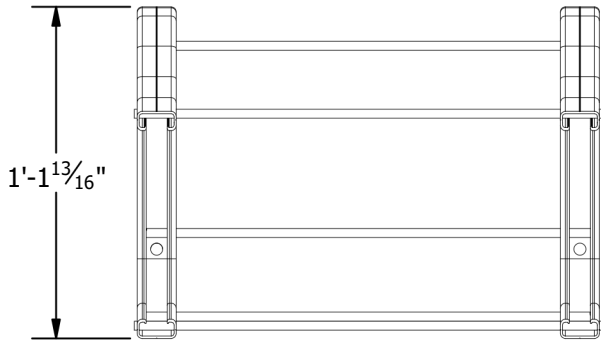
PRODUCT LINE:	RM10 EVO
DRAWING TYPE:	PARTS ASSEMBLY
DESCRIPTION:	FIELD BAY ASSEMBLY
REVISION DATE:	12/10/2021

DRAWING NOT TO SCALE
 ALL DIMENSIONS ARE
 NOMINAL

PRODUCT PROTECTED BY
 ONE OR MORE US PATENTS
 LEGAL NOTICE

0 A 2 V 0
 SHEET

ASSEMBLY # TABLE	
P/N	DESCRIPTION
370011	RM10 EVO NORTH ROW BAY



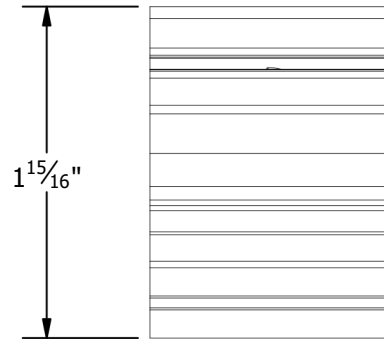
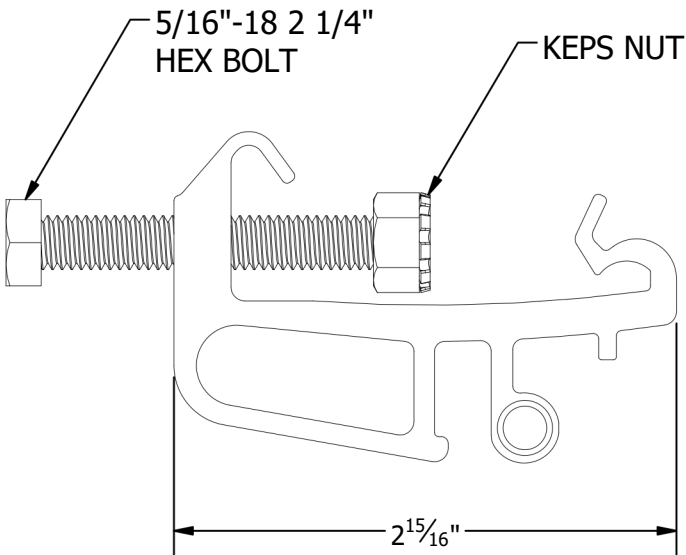
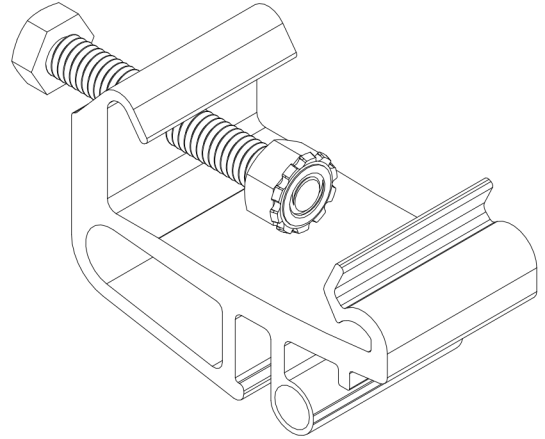
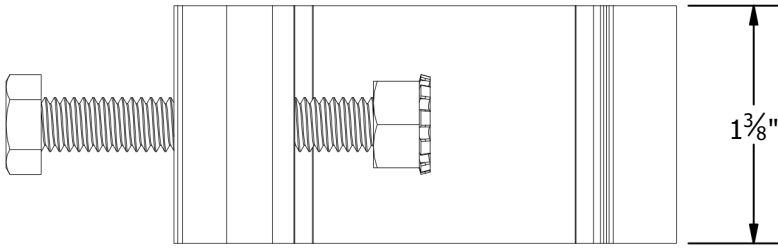
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 ALBUQUERQUE, NM 87102
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PRODUCT LINE:	RM10 EVO
DRAWING TYPE:	PARTS ASSEMBLY
DESCRIPTION:	NORTH BAY ASSEMBLY
REVISION DATE:	12/10/2021

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ASSEMBLY # TABLE	
P/N	DESCRIPTION
370023	RM10 EVO MODULE CLIP W/BOLT



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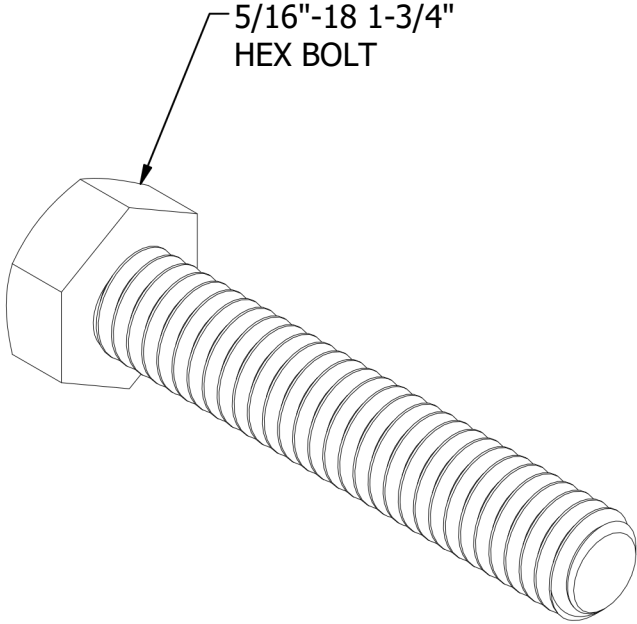
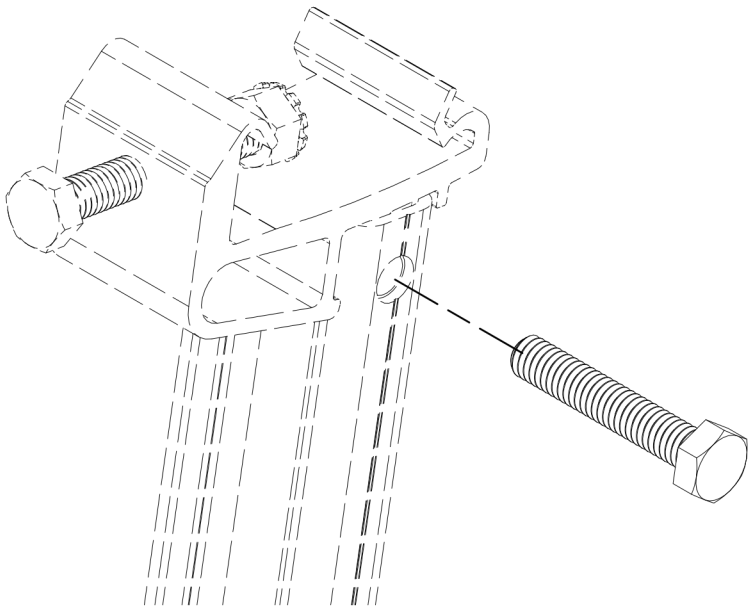
PRODUCT LINE:	RM10 EVO
DRAWING TYPE:	PARTS ASSEMBLY
DESCRIPTION:	MODULE CLIP ASSEMBLY
REVISION DATE:	12/10/2021

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ASSEMBLY # TABLE	
P/N	DESCRIPTION
370022	RM10 EVO MODULE CLIP PIN BOLT



5/16"-18 1-3/4"
HEX BOLT

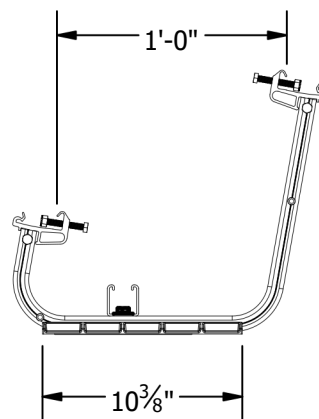
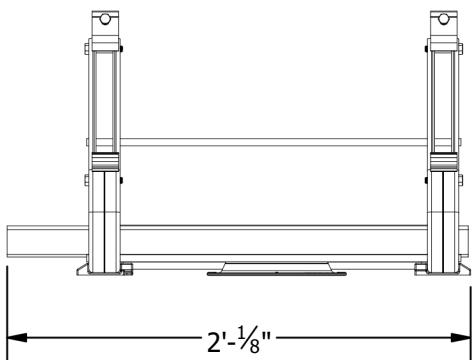
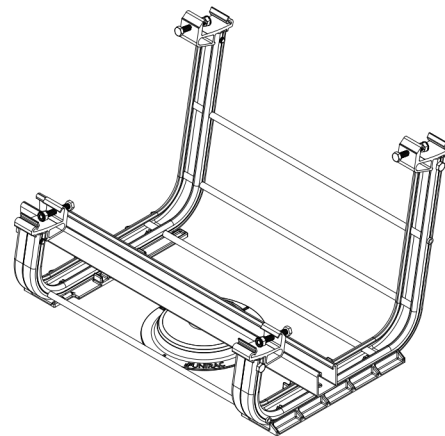
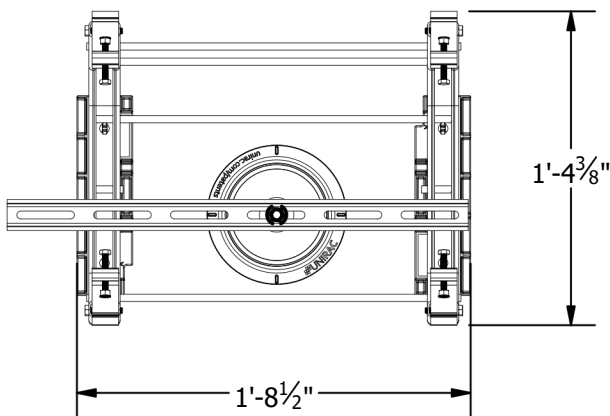
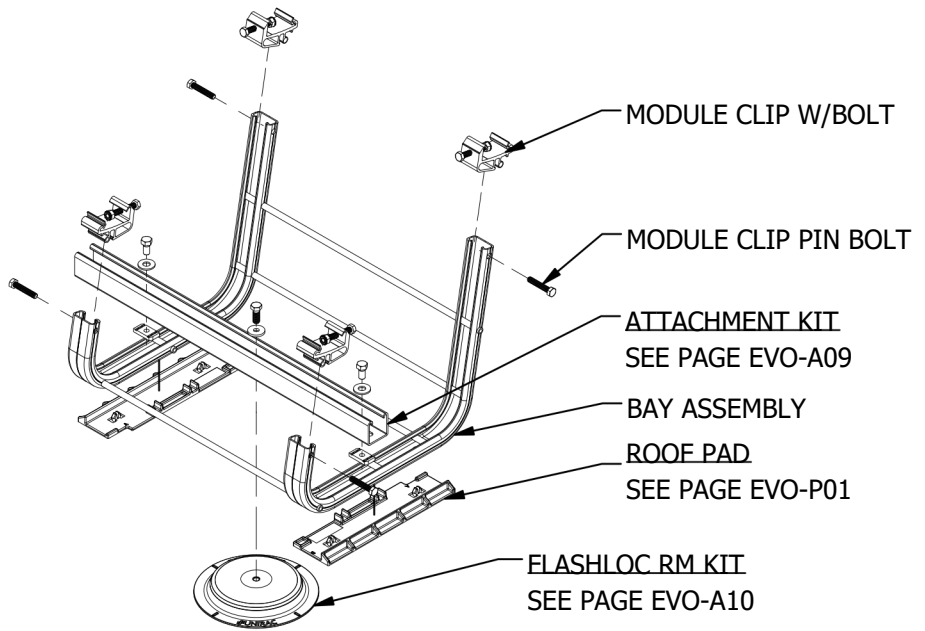
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PRODUCT LINE:	RM10 EVO
DRAWING TYPE:	PARTS
DESCRIPTION:	MODULE CLIP PIN BOLT
REVISION DATE:	12/10/2021

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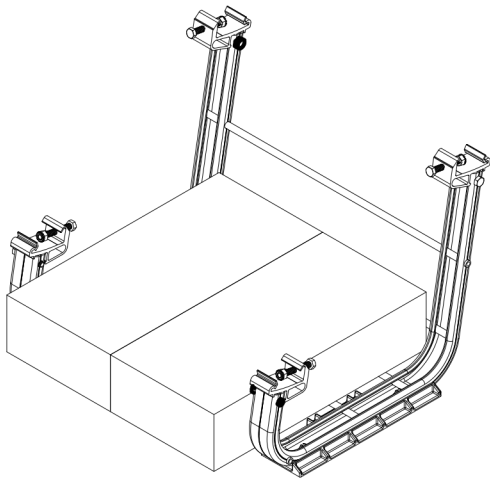
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PRODUCT LINE:	RM10 EVO
DRAWING TYPE:	PARTS ASSEMBLY
DESCRIPTION:	ROOF ATTACHMENT ASSEMBLY
REVISION DATE:	12/10/2021

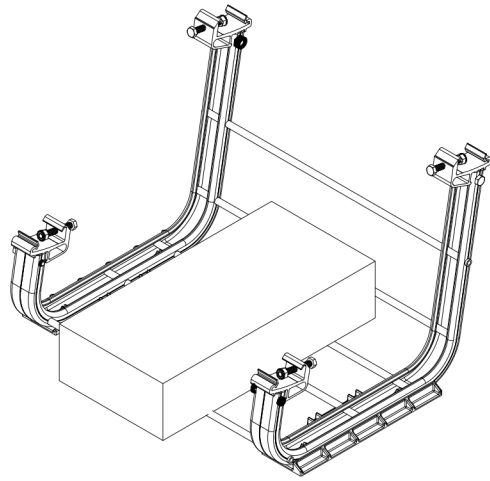
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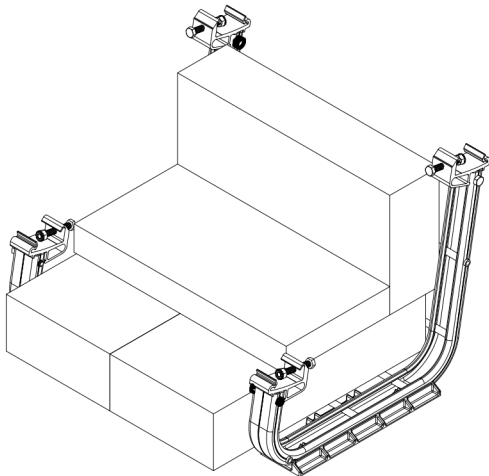
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 V O
 SHEET



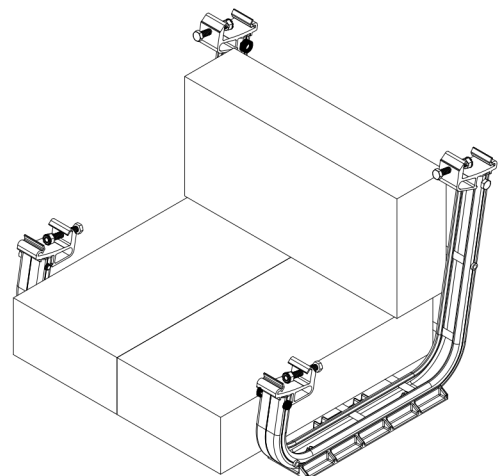
2 BLOCK BAY



1 BLOCK BAY



3-1/2 BLOCK BAY



3 BLOCK BAY



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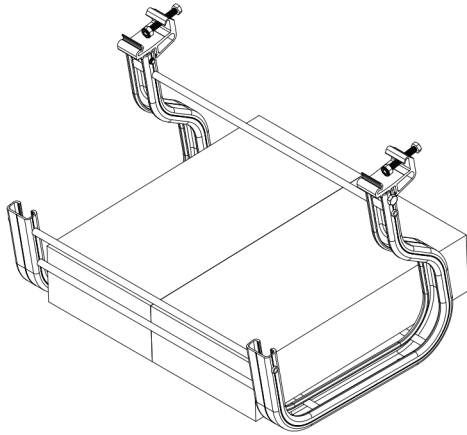
PRODUCT LINE:	RM10 EVO
DRAWING TYPE:	PARTS ASSEMBLY
DESCRIPTION:	FIELD BAY BALLAST LAYOUT
REVISION DATE:	12/10/2021

DRAWING NOT TO SCALE
 ALL DIMENSIONS ARE NOMINAL

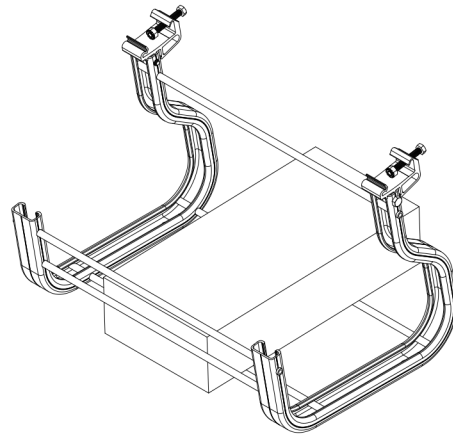
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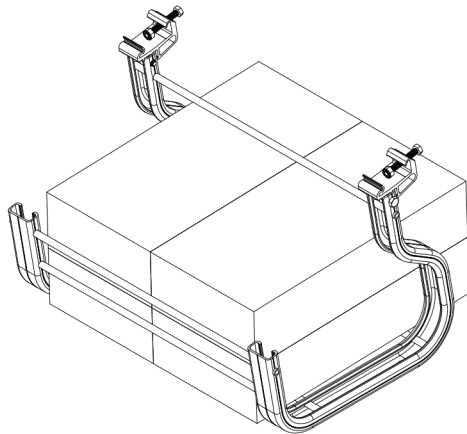
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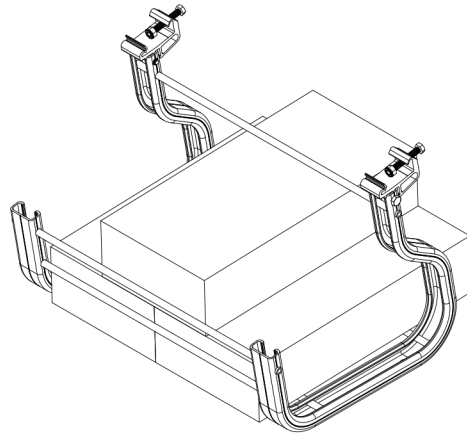
2 BLOCK BAY



1 BLOCK BAY



4 BLOCK BAY



3 BLOCK BAY



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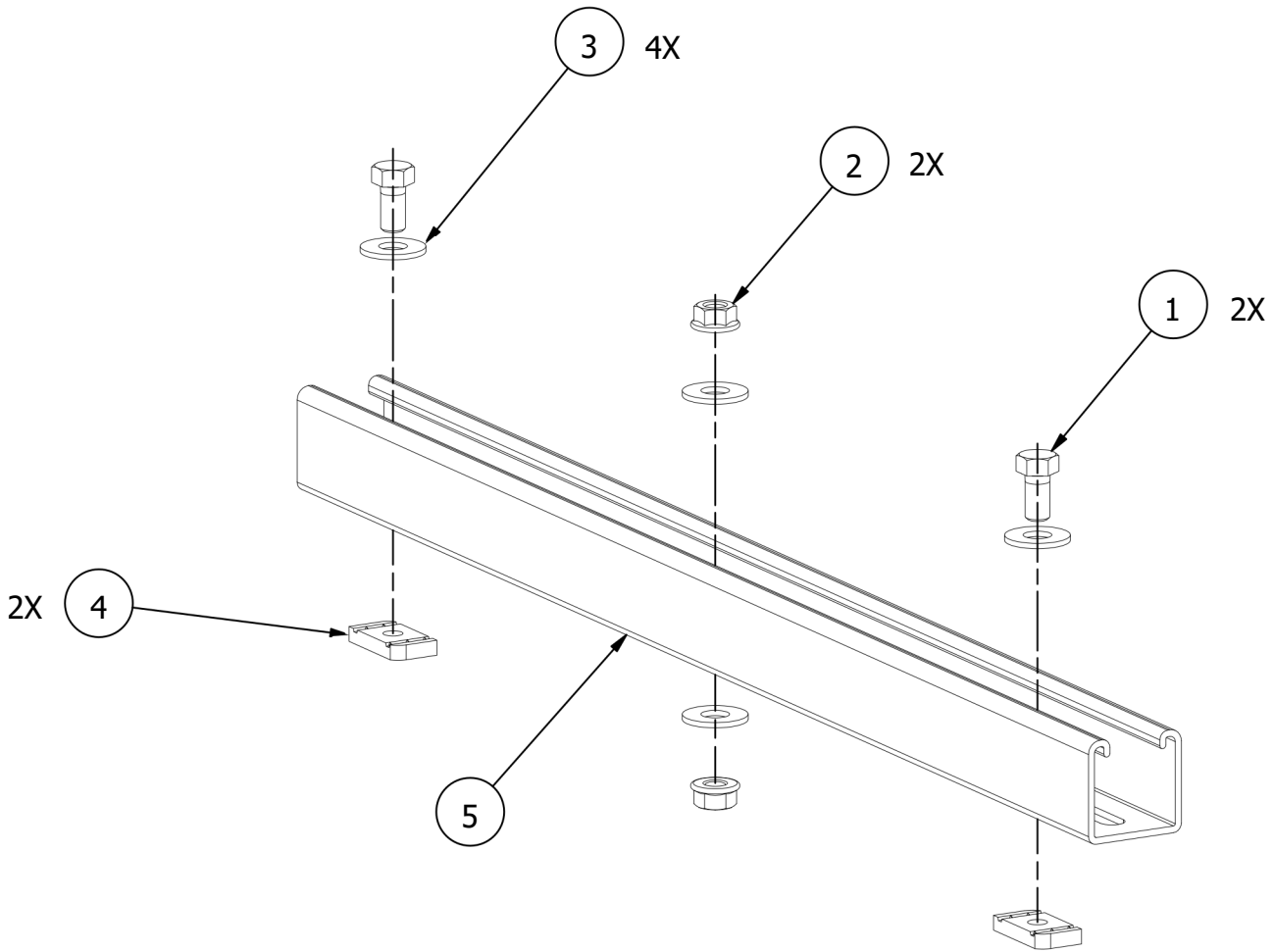
PRODUCT LINE:	RM10 EVO
DRAWING TYPE:	PARTS ASSEMBLY
DESCRIPTION:	NORTH BAY BALLAST LAYOUT
REVISION DATE:	12/10/2021

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ASSEMBLY # TABLE	
P/N	DESCRIPTION
310771	RM10 ATTACHMENT KIT



ATTACHMENT PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	M30304	3/8-16 X 3/4 HEX BOLT, SS
2	2	M31184	3/8-16 HEX FLANGE NUT, SS
3	4	M31130	3/8 WASHER, SS
4	2	M30383	3/8-16 STRUT NUT, ZN
5	1	M40600	1 5/8 X 1 5/8 X 24 IN STRUT, GALV

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PRODUCT LINE:	RM10 EVO
DRAWING TYPE:	ASSEMBLY
DESCRIPTION:	RM10 ATTACHMENT KIT
REVISION DATE:	12/10/2021

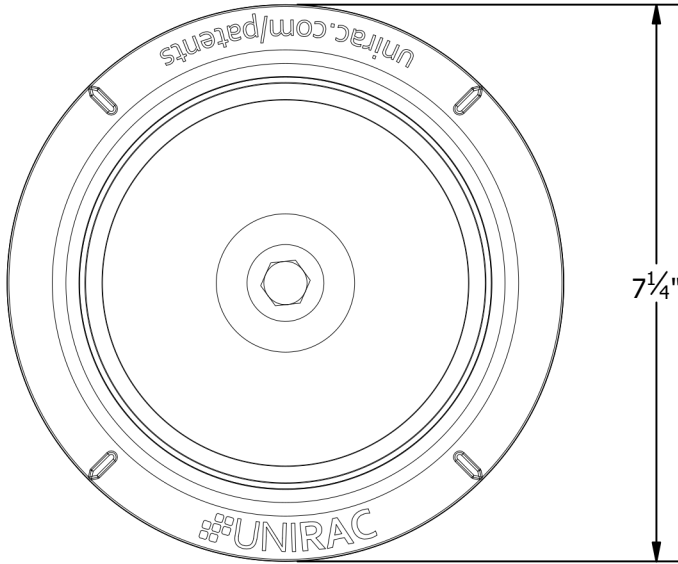
DRAWING NOT TO SCALE
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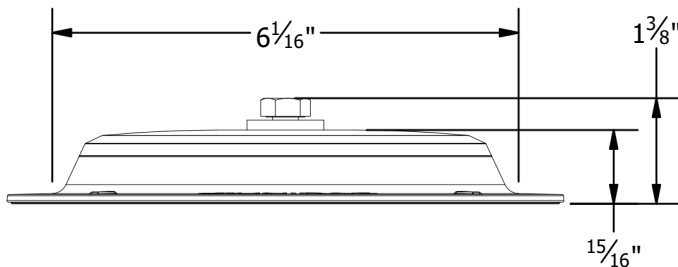
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 SHEET

NOTES:

1. ATTACHMENT CAN ACCOMMODATE ROOFING SCREW SIZES #12 - #15. FASTENER SIZE, LENGTH, AND QUANTITY TO BE SELECTED BY STRUCTURAL ENGINEER OF RECORD WHEN DESIGNING FOR THE SPECIFIC PROJECT CONSTRUCTION AND CAPACITY.
2. REFER TO THE UNIRAC INSTALLATION GUIDE FOR PROPER USE OF CHEM LINK M1 AND ONE-PART SEALANTS FOR WATER TIGHT INSTALLATION.

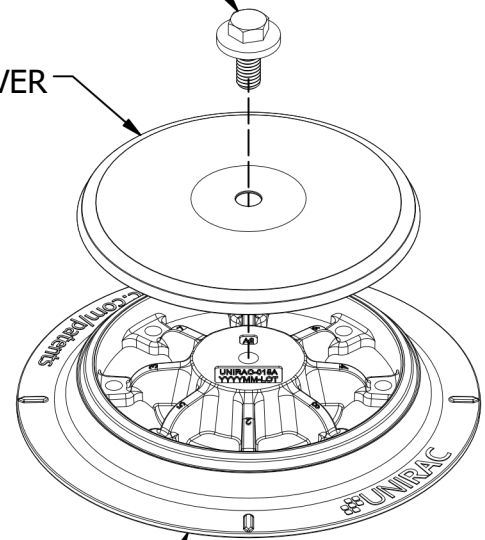


TOP VIEW



Ø 3/8" HARDWARE
(PRE-ASSEMBLED)

COVER



BASE

PART # TABLE	
P/N	DESCRIPTION
310999	FLASHLOC RM KIT

ULTIMATE TEST LOAD (WITH 8 ROOF FASTENERS)

UPLIFT ULTIMATE CAPACITY	6,670 lbs.
SHEAR ULTIMATE CAPACITY	5,760 lbs.



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PRODUCT LINE:	RM10 EVO
DRAWING TYPE:	ASSEMBLY DETAIL
DESCRIPTION:	FLASHLOC RM KIT
REVISION DATE:	12/10/2021

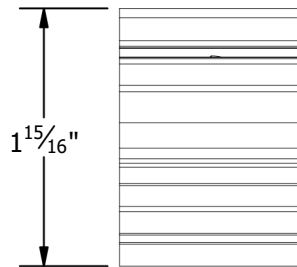
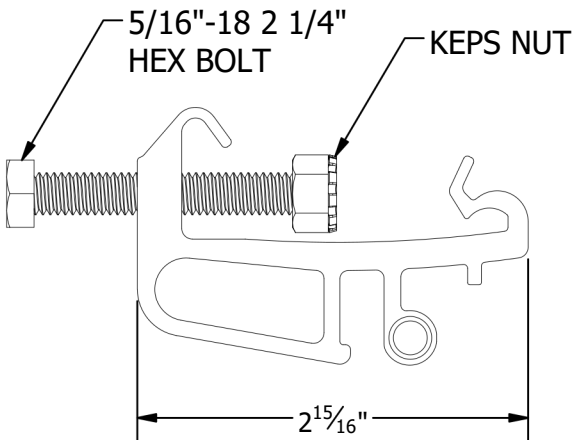
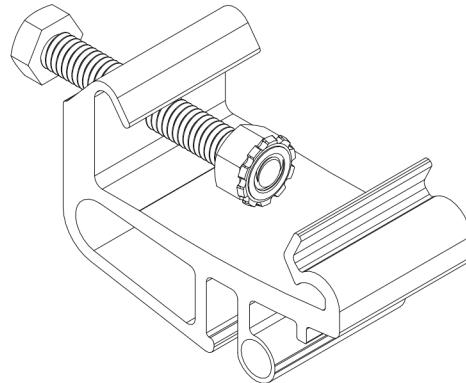
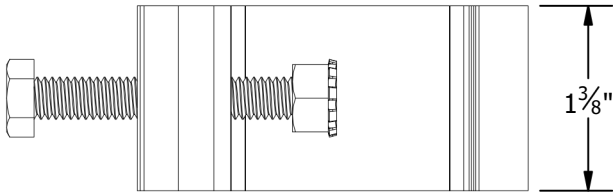
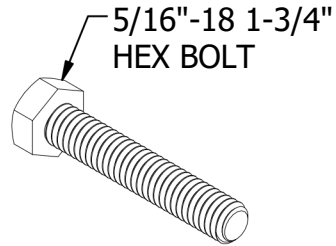
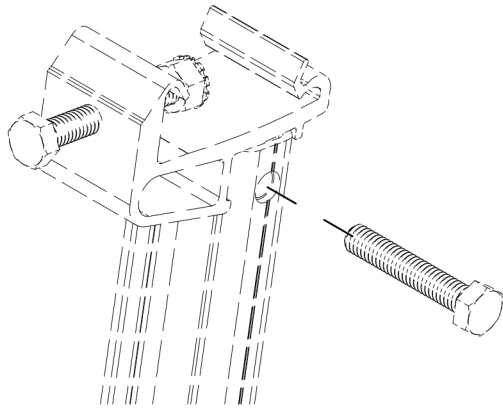
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ASSEMBLY # TABLE	
P/N	DESCRIPTION
370020	RM10 EVO MODULE CLAMP KIT



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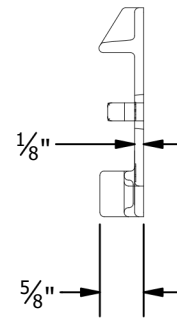
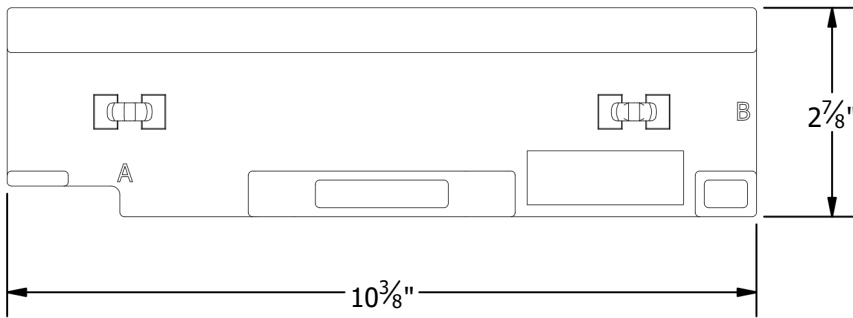
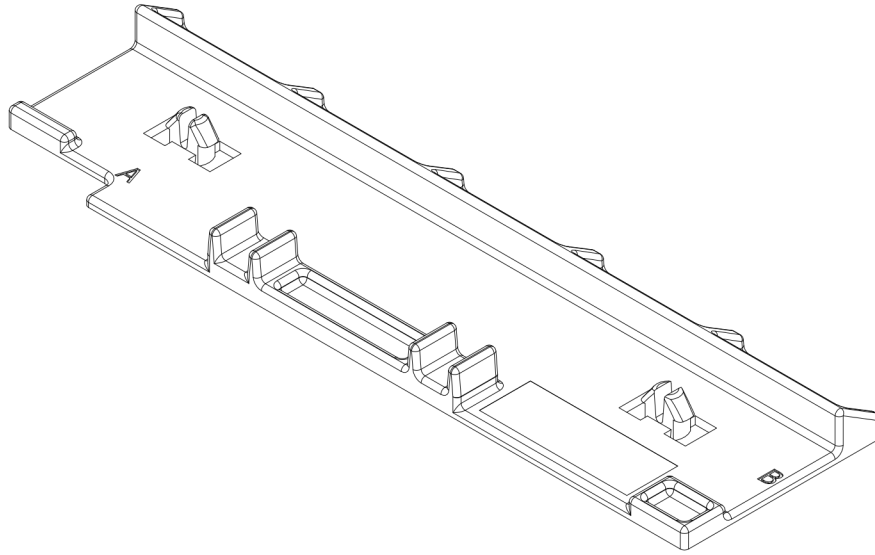
PRODUCT LINE:	RM10 EVO
DRAWING TYPE:	PARTS
DESCRIPTION:	MODULE CLIP PIN BOLT
REVISION DATE:	12/10/2021

DRAWING NOT TO SCALE
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PART # TABLE	
P/N	DESCRIPTION
310760	RM10 ROOF PAD



NOTES:

1. MATERIAL: TPE 70 SHORE A: SANTOPRENE 201-73, ELASTOCON 2870 OR UNISOFT TPE ST-70A BK-2-01.
2. FINISH: BLACK



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PRODUCT LINE:	RM10 EVO
DRAWING TYPE:	PART
DESCRIPTION:	RM10 ROOF PAD
REVISION DATE:	12/10/2021

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PROJECT TITLE	PROJECT ID	LAST UPDATED
ROOFMOUNT RM10 EVO	DA9 0 A7 FD	Apr. 20, 2026
		ORIGINALLY CREATED
		Apr. 20, 2026

NAME	LFUCG RFP 21-2026 Black & Williams Gym	Designed by Tricia@sesre.com
ADDRESS	498 Georgetown St, Lexington, KY 40508, USA	RM10 EVO
CITY, STATE	Lexington, KY	VSUN
MODULE	VSUN VSUN590N-144BMH-DG	20 - VSUN590N-144BMH-DG
		758 ft ²
		11.80 KW

NOTE: Installation of the project is intended to happen within the year of project designed in U-Builder. If it's past one year please rerun the design or contact Unirac Engineering Services.

ENGINEERING INPUTS

Plan Review

AVERAGE PSF	11.94psf
TOTAL NUMBER OF MODULES	20
TOTAL KW	11.80 KW
TOTAL STRUCTURE AREA	~758 ft ²
TOTAL WEIGHT ON ROOF	9047 lbs
RACKING WEIGHT	181 lbs
MODULE WEIGHT	1442 lbs
BALLAST WEIGHT	7424 lbs
MAX BAY LOAD (DEAD)	203 lbs
TOTAL BALLAST BLOCK COUNT	232

Loads Used for Design

BUILDING CODE	ASCE 7-16
WIND SPEED	113.00 mph
GROUND SNOW LOAD	15.00 psf
SEISMIC, S _s	0.171
SEISMIC, S ₁	0.082
ELEVATION	967 ft
WIND EXPOSURE	C
RISK CATEGORY	III
VELOCITY PRESSURE, Q _z	24.45 psf

Inspection

PRODUCT	RM10 EVO
MODULE MANUFACTURER	VSUN
MODEL	VSUN590N-144BMH-DG
MODULE WATTS	590 watts
MODULE LENGTH	89.7"
MODULE WIDTH	44.7"
MODULE THICKNESS	1.4"
MODULE WEIGHT	72.1 lbs
ADD CENTRAL SUPPORT	No
SETBACK DISTANCE	4.0 ft
HALF BLOCK ALLOWED	No
BALLAST BLOCK (CMU) WEIGHT	32.0 lbs
MAX BLOCKS PER NORTH BAY	4
MAX BLOCKS PER NON NORTH BAY	3
BUILDING HEIGHT	21.0 ft
ROOF TYPE	EPDM
LONGEST BUILDING LENGTH	108.0 ft
SHORTEST BUILDING LENGTH	49.0 ft
PARAPET HEIGHT	15.0"

ENGINEERING OUTPUTS

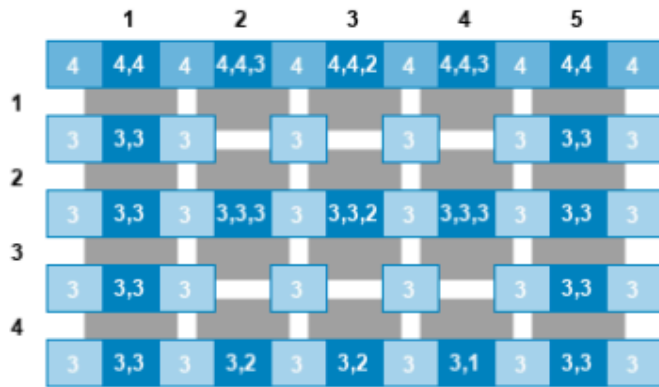
Roof Area 1 - Array 1

AVERAGE PSF	11.94psf	MINIMUM SEISMIC SEPARATION (UNATTACHED ARRAYS) *	
TOTAL NUMBER OF MODULES	20	ARRAY TO ARRAY:	12.
ROOF SLOPE	1 degrees	TO FIXED OBJECT ON ROOF:	0"
ROW SPACING	13.5"	TO ROOF EDGE WITH QUALIFYING PARAPET:	12.
TOTAL KW	11.80 KW	TO ROOF EDGE WITHOUT QUALIFYING PARAPET:	0"
TOTAL AREA	758 ft ²	MAX ARRAY (SEISMIC) (FOR UNATTACHED ARRAYS) *	12.
TOTAL WEIGHT ON ROOF	9047 lbs	MAX NUMBER OF NORTH-SOUTH ROWS:	12. ³
RACKING WEIGHT	181 lbs	MAX NUMBER OF EAST-WEST COLUMNS:	0" ⁵
MODULE WEIGHT	1442 lbs		5
BALLAST WEIGHT	7424 lbs	*See ASCE 7-16 Section 13.6.12 for more details	9
MID SUPPORT KIT WEIGHT	0lbs		

BOM

PART	QTY
RM10 EVO FIELD BAY	55
RM10 EVO NORTH ROW BAY	19
RM ROOF PAD	148
EVO MOD CLAMP SIDE BOLT BULK	226
EVO MOD CLAMP BULK	226
BALLAST BLOCK	232

Roof Area 1 - Array 1



X1, X2, ...Xn Number of blocks per supplemental bay for N supplemental bays

LEGEND



Module



Standard corner bay with CMU block count



Supplemental bay with CMU block count

Install 2 roof pads to every primary bay.

ROOF PAD DETAILS

Minimum ratios by main roof types for application where friction coefficients must be met:

EPDM	1:1	Pads on each primary bay
TPO	1:4	Pads on 1 of every 4 primary bays
PVC	1:4	Pads on 1 of every 4 primary bays
Mineral cap	N/A	No pads required

NOTE

1. It is always an option to apply roof pads to all bays in an array even when not required
2. Roof pads are always applied 2 per bay (one on each ski to avoid unbalancing chassis).
3. When installing minimum roof pads for friction (at 1:4 ratio), apply 2 roof pads to every 4th primary bay staggering the offset between the rows:
 1. Alternatively, install 2 roof pads to every other bay in a row of bays, then skip a row, and do it again
 2. Skip any bays that have mechanical roof attachments (i.e., Anchor products, FlashLoc RM or OMG attachments).

WIND DESIGN DETAIL

Terrain Category	C	Section 26.7 (ASCE 7-16)
Basic Wind Speed	113.00 mph	
Elevation	967.00 ft	
Risk Category	III	Table 1.5-1 (ASCE 7-16)
Mean Roof Height	21.0 ft	
Numerical Coefficient	0.002560	
Topographic Factor, K_{zt}	1.00	Section C26.10.2 (ASCE 7-16)
Wind Directionality Factor, K_d	0.85	Section 26.8.2 (ASCE 7-16)
Ground Elevation Factor, K_e	0.966	Table 26.6-1 (ASCE 7-16)
Velocity Pressure Exposure Coefficient, K_z	0.91	Table 26.9-1 (ASCE 7-16)
Velocity Pressure at Height, Q_z	24.45 psf	Table 26.10-1 (ASCE 7-16)
		Equation 26.10.1 (ASCE 7-16)

SEISMIC DESIGN PER ASCE 7-16

Site Classification	D_DEFAULT	Section 11.4.3 (ASCE 7-16)
s_s	0.171 g	Section 11.4.2 (ASCE 7-16)
s_1	0.082 g	Section 11.4.2 (ASCE 7-16)
Risk Category	III	
Coefficient of Friction, μ_0	0.53	
Site Coefficient, F_a (Minimum 1.2)	1.600	UTR 229
Site Coefficient, F_v	2.400	Table 11.4-1 (ASCE 7-16)
SMS	0.274 g	Table 11.4-2 (ASCE 7-16)
$SM1$	0.197 g	Section 11.4.4 (ASCE 7-16)
SDS	0.182 g	Section 11.4.4 (ASCE 7-16)
$SD1$	0.131 g	Section 11.4.5 (ASCE 7-16)
$SD1$	72.09 lbs	Section 11.4.5 (ASCE 7-16)
Module Weight		
Racking and Ballast Weight to One Module		
Capacity of Connections to One Module (N/S)	102.77lbs	
Capacity of Connections to One Module (E/W)	227.00lbs	UTR 332
W_1 (Module, Racking, and Ballast Weight to One Module)	377.00lbs	UTR 332
$0.2 S_{DS} W_1$		
Maximum Number of Modules per Row (N-S)	174.86 lbs	
Maximum Number of Modules per Column (E-W)	6.38 lbs	Section 13.6.12 (ASCE 7-16)
Building Importance Factor, I_e	35	
Importance Factor of Array, I_p	59	
Seismic Design Category	1.25	
Seismic Design Displacement	1.00	Table 1.5-2 (ASCE 7-16)
	B	Section 13.1.3 (ASCE 7-16)
	12.00"	Section 11.6 (ASCE 7-16)

NOTE

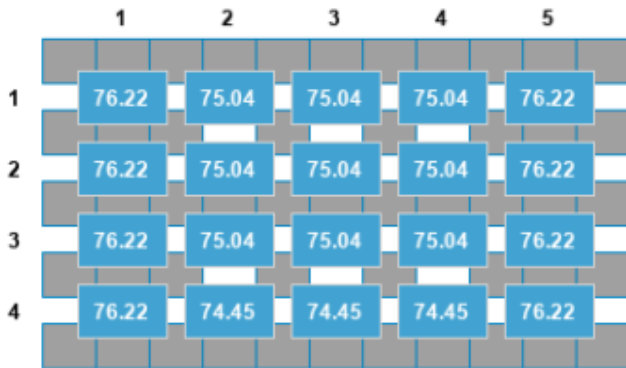
SDC A and B designs are exempt from the ASCE 7-16 seismic requirements under the section 13.1.4: Exemptions - Point 4: Mechanical and electrical components in Seismic Design Category A and B

SNOW DESIGN

Risk Category	III	Table 1.5-1 (ASCE 7-16)
Importance Factor, I_s	1.10	Table 1.5-2 (ASCE 7-16)
Exposure Category	C	Section 26.7 (ASCE 7-16)
Exposure Factor, C_e	1.00	Table 7.3-1 (ASCE 7-16)
Thermal Factor, C_t	1.00	Table 7.3-2 (ASCE 7-16)
Ground Snow, p_g	15.00psf	
Tilt Angle	10°	
Minimum Snow Load, p_m		
$p_m = I_s p_g$, For $p_g \leq 20$ psf		
$p_m = 20 I_s$, For $p_g > 20$ psf		
Flat Roof Snow Load, $p_f = \text{Max}(0.7 C_e C_t I_s p_g, p_m)$	16.50psf	Section 7.3.4 (ASCE 7-16)
Slope Factor, C_s	22.00psf	Section 7.3.4 (ASCE 7-16)
Sloped Roof Snow Load, $p_s = C_s p_f$	16.50psf	Equation 7.3-1 (ASCE 7-16)
	1.0	Figure 7-2a (ASCE 7-16)*
	16.50 psf	Equation 7.4-1 (ASCE 7-16)*

*Section C7.8 states "collectors should be designed to sustain a load calculated by using the "unobstructed slippery surfaces" curve in Figure 7.4-1." This indicates that $C_t \leq 1.0$. Per Figure 7-2a for a roof slope of 10° with the unobstructed slippery surfaces graph, $C_s = 1.0$.

DEAD LOAD PER MODULE(D) - Roof Area 1 - Array 1



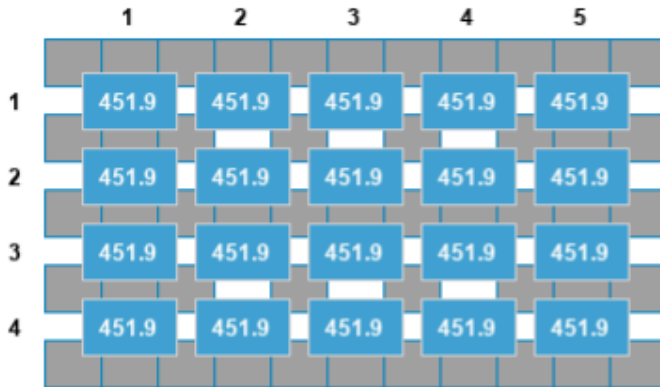
Units: lbs

x Dead Load = Module Wt. + Clamp & Bolt Wt.

LEGEND

 Module

SNOW LOAD PER MODULE(S) - Roof Area 1 - Array 1



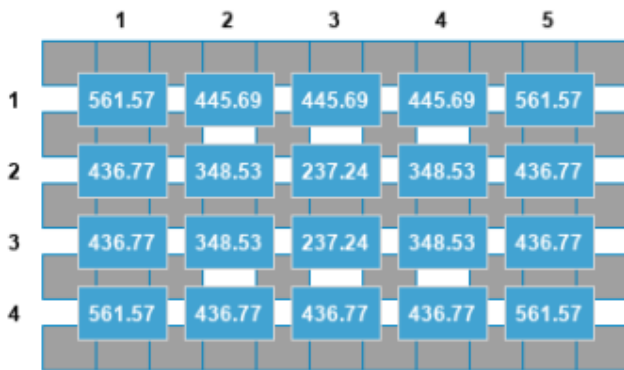
Units: lbs

x Total Snow Load per Module = Module Area * Flat Roof Snow Load

LEGEND

 Module

WIND LOAD (UPWARD) PER MODULE - Roof Area 1 - Array 1



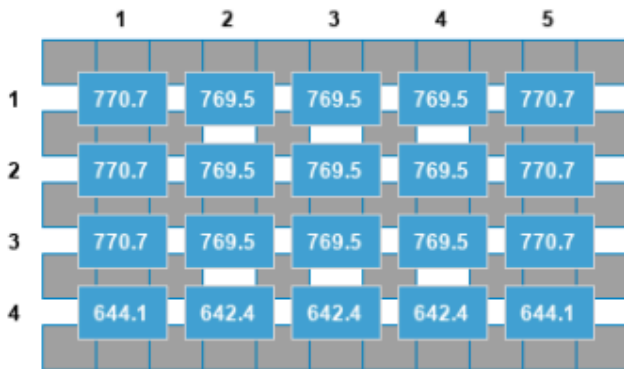
Units: lbs

X Total uplift = $Q_z * g_{cp} * \text{uplift area}$

LEGEND

 Module

FINAL DOWNLOAD PER MODULE MAP ($\max(D + 0.75(0.6W) + 0.75S, D + 0.6W, D + S)$) - Roof Area 1 - Array 1



Units: lbs

Downward Force = $\max(DL + SL, DL + 0.6WL, DL + 0.45WL + 0.75SL)$

X Where:

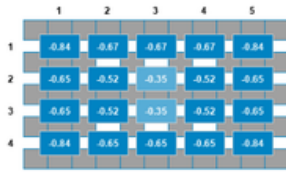
DL = Dead Load
 SL = Snow Load
 WL = Wind Load(Downward)

LEGEND

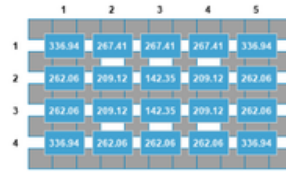
 Module

UPLIFT CALCULATIONS

Modified Gcp factor per module (uplift) map - Roof Area 1 - Array 1



Factored total wind uplift map - Roof Area 1 - Array 1



Units: lbs

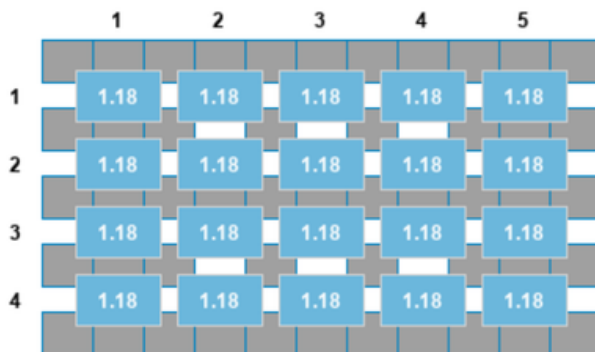
X Total Uplift with Factor = $0.6 \cdot Q_z \cdot gcp \cdot \text{uplift area}$

LEGEND

 Module

DRAG CALCULATIONS

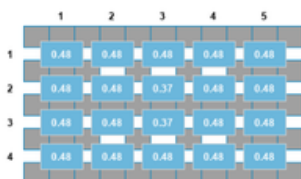
Drag Gcp factor per module - Roof Area 1 - Array 1



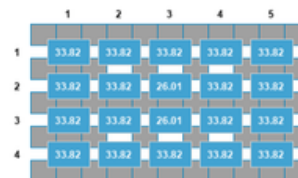
LEGEND

 Module

Modified Gcp factor per module (drag effect) - Roof Area 1 - Array 1



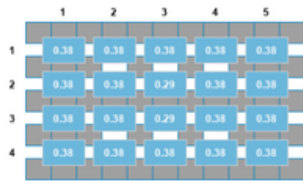
Drag load- Roof Area 1 - Array 1



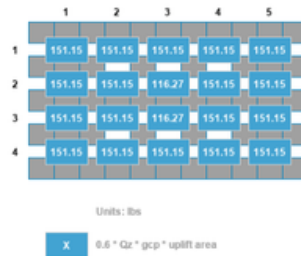
Units: lbs

X $0.6 \cdot Q_z \cdot gcp \cdot \text{uplift area}$

Modified Gcp factor per module (uplift effect) - Roof Area 1 - Array 1

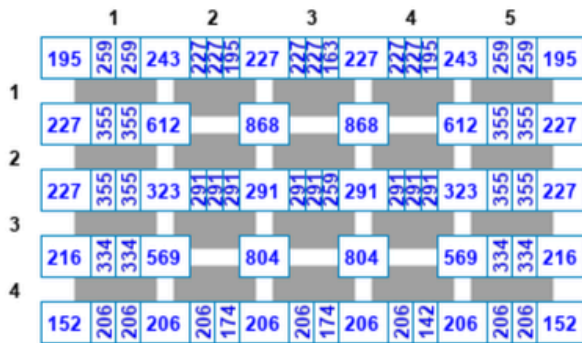


Uplift for drag load- Roof Area 1 - Array 1



TOTAL DOWNLOAD CALCULATIONS

Total downpoint load per bay - Roof Area 1 - Array 1



Units: lbs

x Down Point Load = Down point load on module contribution+ bay weight with ballast

LEGEND

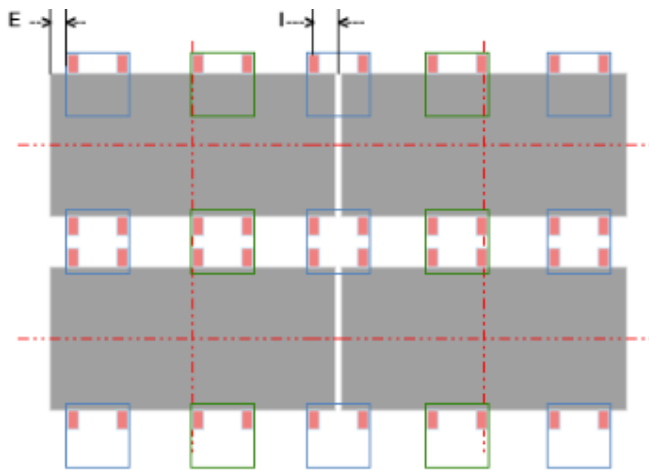
Module

x Bay - Downpoint load

NOTE

Forexact values please check DXF file.

CLAMPS LOCATIONS AND MAX MODULE PRESSURES



NOTE :

1. Supplemental bays are placed symmetric to the module.
2. Edge cantilever distance to clamp (E) = 1.60" approx.
3. Edge of module to clamp center (I): 8.69".
4. Supplemental bay add four clamps per module.
5. Mid support will add two clamps per module for down force only.

LEGEND

	Module
	Primary bay
	Supplemental bay
	Clamp

FACTORED MAX UPWARD PRESSURE ON MODULE :	12.30psf
FACTORED MAX DOWNWARD PRESSURE ON MODULE :	28.14psf

NOTE

1. Terrapin testing report roof mount ballast support coefficient of friction testing RM 2.0 family (July 13, 2016) (Static, Kinetic, Wet and Dry testing performed)

RM10 EVO U-BUILDER® PRODUCT ASSUMPTIONS

RM10 EVO – Ballasted Flat Roof Systems

Limitations of Responsibility: It is the user's responsibility to ensure that inputs are correct for your specific project. Unirac is not the solar, electrical, or building engineer of record and is not responsible for the solar, electrical, or building design for this project.

Building Assumptions

1. Minimum allowed setback distance is 1.00ft
2. Building Height \leq 150.00ft
3. Building Height > 50.00ft: only where $(\text{longest length of building} \times \text{building height})^{0.5} \leq 100.00\text{ft}$
4. Roof Slope \geq 0° (0:12) and \leq 3° (5/8:12) for Seismic Design Category C, D, E and F. For low seismic regions Seismic Design Category A and B (provided Array Importance factor = 1.0), Roof Slope \geq 0° (0:12) and \leq 7° (1 1/2:12).
5. Roofing Material Types: EDPM, PVC, TPO, or Mineral Cap
6. Surrounding Building Grade: Level

Ballast Blocks

The installer is responsible for procuring the ballast blocks (Concrete Masonry Units – CMU) and verifying the required minimum weight needed for this design. CMU should comply with ASTM standard specification for concrete roof pavers designation (C1491 or C90 with an integral water repellent suitable for the climate it is placed. It is recommended that the blocks are inspected periodically for any signs of degradation. If degradation of the block is observed, the block should immediately be replaced.

The CMU ballast block should have nominal dimensions of 4.00" x 8.00" x 16.00". The actual block dimensions are 0.37" less than the nominal dimensions. Ballast blocks should have a weight as specified for the project in the "Inspection" section of this report.

Design Parameters

1. Risk Category I to IV
2. Wind Design
 - a. Basic Wind Speed: 110.00mph - 150.00mph (ASCE 7-10)/90.00mph - 180.00mph (ASCE 7-16)
 - b. Exposure: B, C or D (ASCE 7-10/ASCE 7-16)
 - c. 25 year or 50 year Design Life for ASCE 7-10 /50 year Design Life for ASCE 7-16
 - d. Elevation: Insertion of the project at - grade elevation can result in a reduction of wind pressure. If your project is in a special case study region or in an area where wind studies have been performed, please verify with your jurisdiction to ensure that elevation effects have not already been factored into the wind speed. If elevation effects have been included in your wind speed, please select 0.00ft as the project site elevation.
 - e. Wind Tunnel Testing: Wind tunnel testing coefficients have been utilized for design of the system.
3. Snow Design
 - a. Ground Snow Load: 0 - 100.00psf (ASCE 7-10/ASCE 7-16)
 - b. Roof Snow Load: Calculation per Section 7.3 (ASCE 7-10/ASCE 7-16)
 - c. Unbalanced/Drifting/Sliding: Results are based on the uniform snow loading and do not consider unbalanced, drifting, and sliding conditions
4. Seismic Design
 - a. Report *SEAOC PV1-2012/ASCE 7-16 SECTION 13.6.12 – Structural Seismic Requirements and Commentary for Rooftop Solar Photovoltaic Arrays*

Properties

1. Bay Weight: 2.45 lbs
2. Module Gaps (E/W) = 0.25"
3. Module Gaps (N/S) = 13.50"

Testing

1. Coefficient of Friction
2. Wind Tunnel
3. UL 2703
4. Component Testing (Bay and Clamp)

Setbacks

For the wind tunnel recommendations in U-BUILDER® to apply, the following setbacks should be observed/followed for U-BUILDER® wind design:

1. Modules should be placed a minimum of 3.00 ft from the edge of the building in any direction.
2. If the array is located near an obstruction that is 3.50 ft wide and 3.50 ft high or larger, the nearest module of the array must be located a distance from the obstruction that is greater than or equal to the height of the obstruction. Exception: When using ASCE 7-16 Building Code and using the obstruction feature in the module editor to accurately model the size and location of obstruction.
3. Installations within the setbacks listed above require site specific engineering.
4. The setbacks above are for wind and seismic. Fire access isles, mechanical equipment etc., may require larger setbacks than listed above.

Site Specific Engineering

Conditions listed below are beyond the capabilities of U-BUILDER®. Site specific engineering is required.

1. Building assumptions and design parameters outside of U-BUILDER® assumptions
2. Wind tunnel testing reduction factors are not permitted by the Authority Having Jurisdiction (AHJ)
3. Seismic designs that fall outside SEAOC PV1-2012/ASCE 7-16 SECTION 13.6.12 recommendations (>3% roof slope, or AHJ's that require shake table testing or non-linear site-specific response history analysis)
4. Signed and sealed site-specific calculations, layouts, and drawings
5. Building that is not enclosed and categorized as open structures, carport or others

Notes:

- Please contact Engineering.Services@unirac.com for more information.



SOLAR ENERGY SOLUTIONS
 1038 BRENTWOOD CT. STE B
 LEXINGTON, KY 40511
 TEL: (877) 312-7456

REVISIONS		
DESCRIPTION	DATE	REV
For Bid	04/27/2024	

Signature with Seal

PROJECT NAME & ADDRESS

Black & Williams Gymnasium
 498 Georgetown St
 Lexington, KY

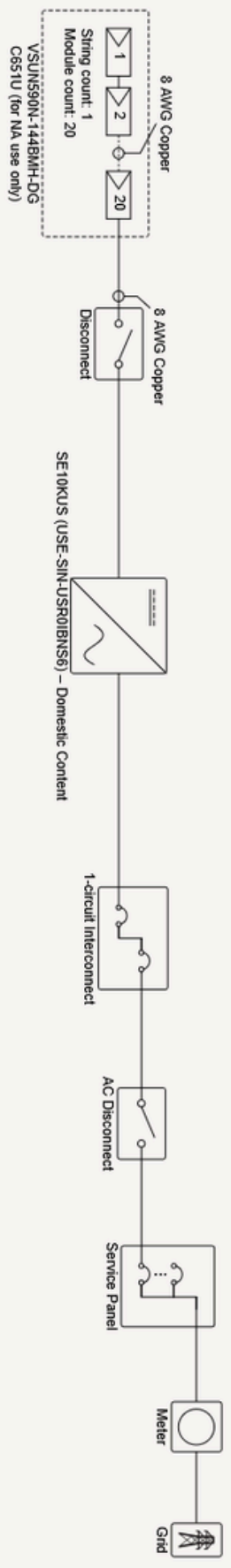
JOB NUMBER

SHEET NAME
**ELECTRICAL LINE
 DIAGRAM**

SHEET SIZE
 ANSI B
 11" X 17"

SHEET NUMBER
PV-2

1 ELECTRICAL LINE DIAGRAM
 PV-2
 SCALE: NTS



Module Specifications	
20x VSUN VSUN590N-144BMH-DG	
STC Rating	590 W
Vmp	43.11 V
Imp	13.69 A
Voc	51.79 V
Isc	14.49 A

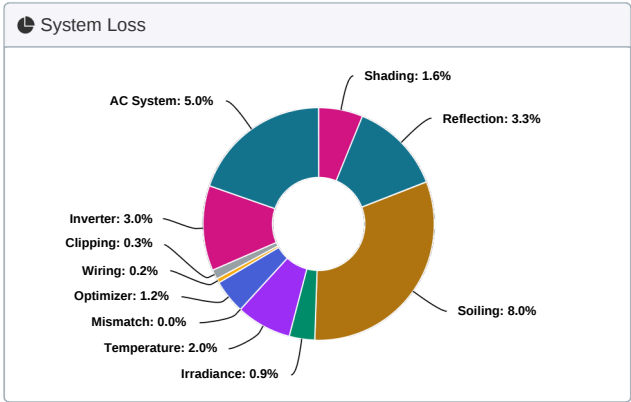
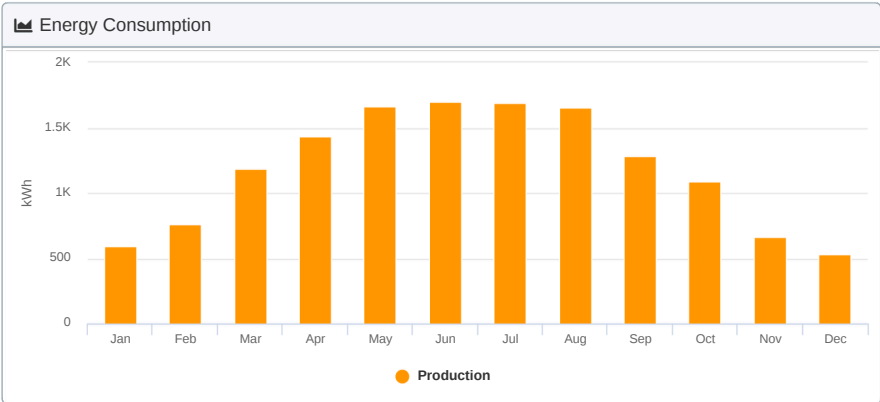
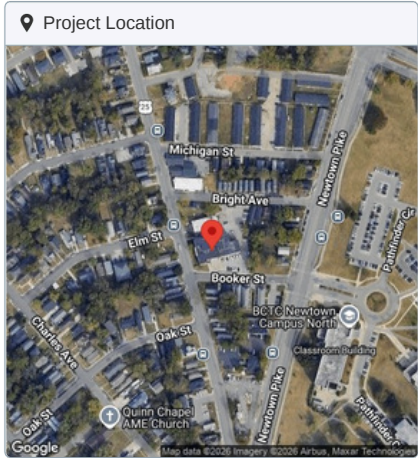
Inverter Specifications	
1x Solartedge SE10KUS (USE-SIN-USR0IBNS6) – Domestic Content	
Max AC Power Rating	10 KW
Max Input Voltage	600 V
Min AC Power Rating	0 W
Min Input Voltage	370 V

Wire Schedule		
Tier	Wire	Length
String	1x 8 AWG	192ft

Design 1 LFUCG RFP 21-2026 Black & Williams Gymnasium 498 GeorgetownSt, Lexington, KY 40508, USA

Project Details	
Address	498 Georgetown St, Lexington, KY 40508, USA
Owner	Solar Energy Solutions
Last Modified	Solar Energy Solutions a minute ago (38.0622484, -84.50149789999999) (GMT -5)
Location	SES Default Profile - Commercial
Profile	

System Metrics	
Design	Design 1
Module DC Nameplate	11.80 kW
Inverter AC Nameplate	10.00 kW
Annual Production	Load Ratio: 1.18 14.3 MWh
Performance Ratio	77.1%
kWh/kWp	1,207.9
Weather Dataset	TMY, LEXINGTON BLUEGRASS AP, NSRDB (tmy3) 511b9b6d49-3223cb372b-73802f8b4b-84e61a7f42
Simulator Version	




Annual Production			
	Description	Output	% Delta
Irradiance (kWh/m ²)	Annual Global Horizontal Irradiance	1,473.9	-
	POA Irradiance	1,566.0	6.2%
	Shaded Irradiance	1,541.3	-1.6%
	Irradiance After Reflection	1,490.8	-3.3%
	Irradiance After Soiling	1,371.7	-8.0%
	Total Collector Irradiance	1,371.8	0.0%
Energy (kWh)	Nameplate	16,193.7	-
	Output at Irradiance Levels	16,047.2	-0.9%
	Output at Cell Temperature Derate	15,731.8	-2.0%
	Output after Electrical Mismatch	15,731.8	-0.0%
	Optimizer Output	15,542.9	-1.2%
	Optimal DC Output	15,519.3	-0.2%
	Constrained DC Output	15,466.8	-0.3%
	Inverter Output	15,002.8	-3.0%
	AC System Output	14,252.6	-5.0%
	Energy to Grid	14,252.6	0.0%
Temperature Metrics			
	Avg. Operating Ambient Temp		15.3°C
	Avg. Operating Cell Temp		22.4°C
Simulation Metrics			
	Operating Hours		4,602


Condition Set												
Description		Condition Set 1										
Weather Dataset		TMY, LEXINGTON BLUEGRASS AP, NSRDB(tmy3) (download)										
Solar Angle Location		Project Lat/Lng										
Transposition Model		Perez Model										
Temperature Model		Sandia Model										
Temperature Model Parameters	Rack Type	a	b	Temperature Delta								
	Fixed Tilt	-3.56	-0.08	3.0°C								
	Flush Mount	-2.81	-0.05	0.0°C								
	East-West	-3.56	-0.08	3.0°C								
	Carport	-3.56	-0.08	3.0°C								
Soiling (%)	J	F	M	A	M	J	J	A	S	O	N	D
	15	13	10	8	5	5	5	5	8	10	13	15
Albedo	J	F	M	A	M	J	J	A	S	O	N	D
	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Rear Mismatch Loss	10%					Rear Shading Factor			5%			
Module Transparency	0%											
Irradiation Variance	3.0%											
Cell Temperature Spread	4.0°C											
Module Binning Range	-2.5% to 2.5%											
AC System Derate	5.00%											
Component Characterizations	Type	Component						Characterization			Bifacial	
	Module	VSUN590N-144BMH-DG (VSUN)						Spec Sheet Characterization, PAN			False	
	Buck Boost Optimizer	C651U (for NA use only) (SolarEdge)						Mfg Spec Sheet			N/A	
	Inverter	SE10KUS (USE-SIN-USR0IBNS6) – Domestic Content (SolarEdge)									N/A	

 Design BOM

Component	Type	Quantity
SE10KUS (USE-SIN-USR0IBNS6) – Domestic Content (SolarEdge)	Inverters	1 (10.00 kW)
VSUN, VSUN590N-144BMH-DG, (590W)	Modules	20 (11.80 kW)
C651U (for NA use only) (SolarEdge)	Optimizers	20 (13.00 kW)
8 AWG (Copper)	Strings	1 (192.3 ft)

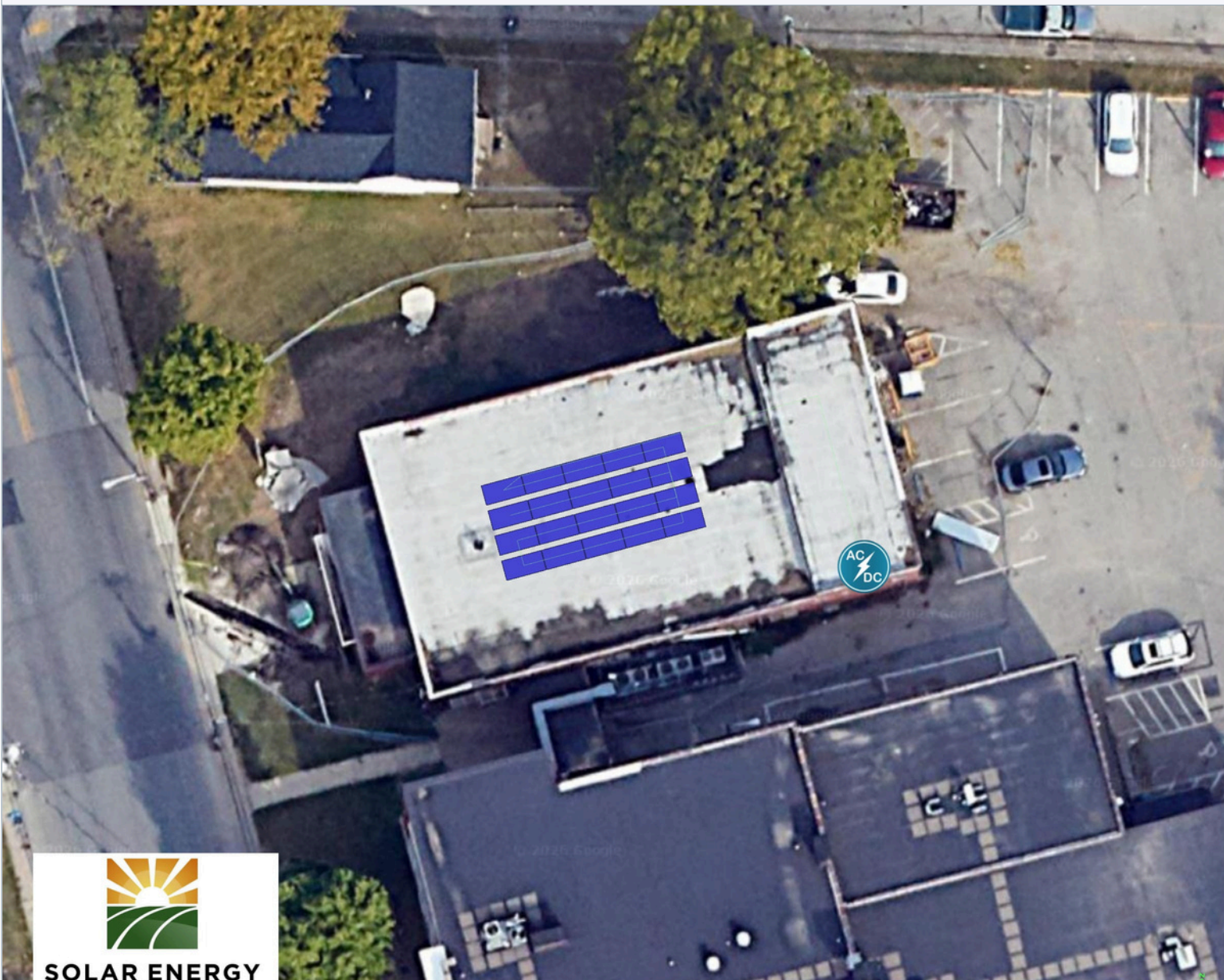
 Monthly Shading

Month	GHI (kWh/m ²)	POA (kWh/m ²)	Shaded (kWh/m ²)	Nameplate (kWh)	Grid (kWh)
January	59.6	69.1	65.8	631.1	590.1
February	75.5	84.7	82.9	818.1	763.2
March	119.2	128.7	127.1	1,305.3	1,181.6
April	148.2	154.7	153.5	1,616.5	1,432.8
May	174.4	177.2	175.5	1,908.9	1,663.6
June	182.9	184.1	182.4	1,986.0	1,702.2
July	181.9	184.0	182.3	1,983.1	1,691.6
August	172.3	179.5	178.0	1,940.1	1,655.7
September	132.9	141.8	140.6	1,477.5	1,286.4
October	107.7	121.0	119.1	1,221.3	1,089.4
November	65.4	77.0	74.3	731.0	662.8
December	54.1	64.1	60.0	574.9	533.2

 Design Wiring Zone

Description	Combiner Poles	String Size	Stringing Strategy
Wiring Zone	-	11 - 20	Along Racking

Design Render



Field Segments

Description	Racking	Orientation	Tilt	Azimuth	Intrarow Spacing	Frame Size	Frames	Modules	Power
Field Segment 1	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 164.887°	1.1 ft	1x1	20	20	11.80 kW
Field Segment 2	Fixed Tilt	Landscape (Horizontal)	Module: 10°	Module: 164.887°	1.1 ft	1x1	0	0	0.00 W

2.1 CLARIFICATIONS AND DESIGN CONSIDERATIONS

Please note the following:

- SES Understand that the owner allowance is exclusively for owner-directed work beyond the proposal and that reimbursements for allowance work shall be authorized by LFUCG in advance and in writing to the Contractor.
- SES fully expects to achieve substantial completion within 75 days of award, but “beneficial use of the photovoltaic system” will be dependent on prompt action by the utility (see technical approach).
- SES plans to provide an exterior disconnect based on prior experience with LG&E-KU.
- SES expects to use either a spare breaker on the existing distribution panel or provide a new breaker in the spaces available.
- SES understands the importance of aesthetics on and around the roof area, and strives to ensure every array is pleasing to the eye.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

7/7/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER AssuredPartners NL 435 North Whittington Parkway, Suite 300 Louisville, KY 40222	CONTACT Jackson Marion NAME PHONE (A/C, No, Ext): (502) 259-93041304 FAX (A/C, No): (502) 259-9304 E-MAIL jackson.marion@assuredpartners.com	
	INSURER(S) AFFORDING COVERAGE NAIC #	
INSURED Solar Energy Solutions LLC 1038 Brentwood Ct, Ste. B Lexington, KY 40511	INSURER A : West Bend Insurance Company 15350	
	INSURER B : Kentucky Associated General Contractors	
	INSURER C : Houston Casualty Company 42374	
	INSURER D :	
	INSURER E :	
INSURER F :		

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO- <input type="checkbox"/> LOC OTHER:			B216504	4/1/2025	4/1/2026	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 300,000
							MED EXP (Any one person)	\$ 10,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
A	X AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			B216504	4/1/2025	4/1/2026	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
A	X UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR X EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTIONS \$ 0			B216504	4/1/2025	4/1/2026	EACH OCCURRENCE	\$ 4,000,000
							AGGREGATE	\$ 4,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			022592-23	1/1/2025	1/1/2026	<input checked="" type="checkbox"/> PER <input type="checkbox"/> OTH-	
							E.L. EACH ACCIDENT	\$ 4,500,000
							E.L. DISEASE - EA EMPLOYEE	\$ 4,500,000
							E.L. DISEASE - POLICY LIMIT	\$ 4,500,000
C	Professional Lia			HCC2571547	4/1/2025	4/1/2026	1,000,000	2,000,000
C	Pollution Lia			HCC2571547	4/1/2025	4/1/2026	1,000,000	2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

CANCELLATION

For Information Only

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Solar Energy Solutions Affirmative Action Policy

Policy Statement

SolarEnergy Solutions (SES) is committed to maintaining a workplace that is free from harassment of anykind. All employees are expected to conduct themselves in a professional manner and to treattheir colleagues with respect and dignity.

II. Definition of Harassment

Harassment is defined asunwelcome conduct that is based on race, color, religion, sex, national origin, age, disability, geneticinformation, or any other protected status. Harassment becomes unlawful when:

- Enduring the offensive conduct becomes a condition of continued employment; or
- The conduct is severe or pervasive enough to create a work environment that a reasonable person would consider intimidating, hostile, or abusive.

Examples of harassment include, but are not limited to, offensive jokes, slurs, epithets, name-calling, physical assaults orthreats, intimidation, ridicule, insults, offensive objects or pictures, and interference with workperformance.

III. Reporting Procedure

Anyemployee whobelievesthey have been subjected to harassment or have witnessed harassment in the workplaceshould promptly report the incident to the **Human Resources Manager**. The Human Resources Manager is designated to receive and investigate harassment complaints in a prompt, impartial, and confidential manner.

IV. Investigation Process

Uponreceivinga harassmentcomplaint, the Human Resources Manager will initiate a thorough investigation. This processmay include interviews with the complainant, the alleged offender, and any witnesses. The investigation will be conducted as discreetly and confidentially as possible to protect the rightsof all parties involved.

V. Non-Retaliation Policy

SESstrictly prohibitsretaliation against any employee for filing a harassment complaint, participating in aninvestigation, or opposing discriminatory practices. Any act of retaliation should be reportedimmediately to the Human Resources Manager and will be subject to disciplinary action,up to and including termination of employment.

VI. Enforcement

Violations of thispolicy may result in disciplinary action, up to and including termination of employment. SESEncourages all employees to contribute to a positive work environment by reporting any behavior that violates this policy.

Solar Energy Solutions affirms its full compliance with all relevant laws and regulations pertaining to equal employment opportunity and non-discrimination, including but not limited to:

The Civil Rights Act of 1964: Solar Energy Solutions upholds the principles outlined in Title VII of the Civil Rights Act, which prohibits discrimination in employment based on race, color, religion, sex, or national origin.

Executive Order 11246: Solar Energy Solutions acknowledges its obligations under Executive Order 11246, which mandates affirmative action to ensure equal employment opportunities for all individuals, regardless of race, color, religion, sex, or national origin, in companies that contract with the federal government.

The Rehabilitation Act of 1973: Solar Energy Solutions complies with Section 503 of the Rehabilitation Act, which prohibits discrimination against individuals with disabilities and requires affirmative action to ensure their full participation in the workforce.

The Americans with Disabilities Act (ADA): Solar Energy Solutions adheres to the provisions of the ADA, which prohibits discrimination against qualified individuals with disabilities in all aspects of employment, including recruitment, hiring, promotion, and accommodation.

The Age Discrimination in Employment Act (ADEA): Solar Energy Solutions respects the rights of individuals aged 40 and older and complies with the ADEA, which prohibits age discrimination in employment practices.

Other Applicable Laws and Regulations: Solar Energy Solutions pledges to comply with all other federal, state, and local laws and regulations governing equal employment opportunity, non-discrimination, and affirmative action, including those related to sexual orientation, gender identity, veteran status, and other protected characteristics.

Responsibilities:

Implementation: The Human Resources (HR) department is primarily responsible for implementing the Affirmative Action Plan (AAP) throughout Solar Energy Solutions. This includes overseeing the execution of recruitment strategies, training programs, and diversity initiatives outlined in the AAP.

Monitoring: HR personnel are tasked with monitoring the organization's compliance with the AAP, tracking progress towards diversity goals, and collecting data on workforce demographics and employment practices.

Evaluation: HR conducts regular evaluations of the AAP to assess its effectiveness, identify areas for improvement, and make necessary adjustments to promote diversity and equal employment opportunities within the organization.

Roles and Responsibilities:

Managers and Supervisors:

Recruitment: Managers and supervisors play a crucial role in the recruitment process by actively participating in the selection of diverse candidates, ensuring job postings reach a wide audience, and eliminating biases in the hiring process.

Leadership: Managers and supervisors are expected to lead by example, promoting a culture of diversity and inclusion within their teams and departments. They should foster an environment where all employees feel valued, respected, and empowered to contribute their unique perspectives.

Performance Evaluation: Managers and supervisors are responsible for evaluating employees based on job performance and merit, without regard to characteristics such as race, gender, or ethnicity. They should provide equal opportunities for advancement and career development to all employees.

HR Personnel:

Training and Development: HR personnel are responsible for designing and delivering diversity training programs for employees, managers, and recruiters. These programs aim to raise awareness, enhance cultural competence, and foster inclusive behaviors in the workplace.

Compliance: HR ensures that Solar Energy Solutions complies with all relevant laws and regulations governing equal employment opportunity and affirmative action. They provide guidance to managers and supervisors on legal requirements and best practices for promoting diversity and preventing discrimination.

Reporting: HR collects and analyzes data on workforce demographics, recruitment efforts, and diversity initiatives, preparing reports for senior management and regulatory agencies to demonstrate compliance with the AAP.

Other Stakeholders:

Employees: All employees are encouraged to actively participate in promoting diversity and inclusion within Solar Energy Solutions. They should demonstrate respect for their colleagues, support diversity initiatives, and speak out against discrimination or harassment in the workplace.

External Partners: Solar Energy Solutions collaborates with external partners, such as diversity organizations, educational institutions, and community groups, to enhance diversity recruitment efforts and access diverse talent pools.

By assigning clear responsibilities to HR personnel, managers, supervisors, and other stakeholders, Solar Energy Solutions can effectively implement, monitor, and evaluate the AAP to promote diversity, prevent discrimination, and create a more inclusive workplace environment.

Workforce Analysis:

Collection and Analysis of Workforce Demographics:

Human Resources (HR) personnel at Solar Energy Solutions are responsible for collecting and analyzing workforce demographics to identify areas of underrepresentation or potential disparities among protected groups.

Data collected may include information on race, ethnicity, gender, age, disability status, veteran status, and other relevant characteristics.

HR conducts regular assessments of the workforce composition to determine whether it reflects the diversity of the available labor pool and the communities served by Solar Energy Solutions. Analysis of workforce demographics helps identify areas where certain groups may be underrepresented or where disparities exist in terms of representation and opportunities for advancement.

Examination of Hiring, Promotion, and Retention Trends:

HR conducts an in-depth examination of hiring, promotion, and retention trends to assess diversity efforts and identify areas for improvement.

Hiring Trends: HR analyzes recruitment and selection processes to evaluate the diversity of candidate pools, hiring rates for different demographic groups, and the effectiveness of outreach efforts to attract diverse talent.

Promotion Trends: HR evaluates promotion rates by demographic group to identify any disparities in advancement opportunities and assess whether promotion decisions are based on merit and performance.

Retention Trends: HR tracks retention rates and turnover rates among different demographic groups to assess whether certain groups are disproportionately leaving the organization and to identify potential retention challenges.

Intersectional Analysis: HR conducts intersectional analysis to examine how various factors, such as race, gender, and disability status, intersect to affect employees' experiences and opportunities within the organization.

Identification of Areas for Improvement:

Based on the findings of the workforce analysis, HR identifies areas where Solar Energy Solutions can improve diversity and inclusion efforts.

This may include developing targeted recruitment strategies to attract more diverse candidates, implementing mentoring and development programs to support underrepresented employees, and addressing any systemic barriers that may hinder equal opportunities for all employees.

HR collaborates with senior management, department heads, and other stakeholders to develop action plans aimed at addressing identified disparities and promoting a more inclusive and equitable workplace culture.

By conducting thorough workforce analysis and examining hiring, promotion, and retention trends, Solar Energy Solutions can gain valuable insights into its diversity efforts, identify areas

for improvement, and implement targeted strategies to promote equal employment opportunities for all employees. This proactive approach helps ensure that the organization's affirmative action initiatives are effective in advancing diversity, inclusion, and equity within the workforce.

Goals and Objectives:

Establishment of SMART Goals for Increasing Diversity and Representation:

Specific: Solar Energy Solutions aims to increase diversity and representation across all levels and departments of the organization.

Measurable: Goals will be quantifiable, such as increasing the percentage of underrepresented groups in the workforce by a specified percentage within a given timeframe.

Achievable: Goals will be realistic and attainable based on available resources and current workforce demographics.

Relevant: Goals align with Solar Energy Solutions' commitment to diversity, equity, and inclusion and support the organization's overall mission and objectives.

Time-bound: Goals will have specific deadlines or milestones for achievement, allowing for progress tracking and accountability.

Setting Targets for Recruitment, Hiring, Retention, and Advancement:

Recruitment: Solar Energy Solutions aims to set targets for recruiting diverse candidates for open positions, with a focus on increasing representation of underrepresented groups in the applicant pool.

Hiring: Targets will be established for hiring diverse candidates at all levels of the organization, ensuring that recruitment efforts result in a more inclusive workforce.

Retention: Goals will be set to improve retention rates among underrepresented employees, addressing any barriers or challenges that may contribute to turnover.

Advancement: Targets will be set for the advancement of individuals from underrepresented groups into leadership and decision-making roles within Solar Energy Solutions, fostering career growth and upward mobility.

Recruitment Strategies:

Identification of Targeted Recruitment Sources:

HR will identify targeted recruitment sources and outreach efforts to attract diverse candidates for open positions, including partnerships with diversity organizations, minority-serving institutions, and community-based programs.

Efforts will be made to leverage professional networks, online job boards, and social media platforms to reach a wide audience of potential candidates from underrepresented groups.

Implementation of Strategies to Remove Barriers to Employment:

Solar Energy Solutions will implement strategies to remove barriers to employment and ensure fair and inclusive hiring practices, such as reviewing job descriptions for bias, conducting inclusive hiring training for recruiters and hiring managers, and implementing structured interview processes.

Efforts will be made to ensure that recruitment and selection processes are transparent, equitable, and free from discrimination, allowing all candidates to compete on a level playing field.

By establishing SMART goals for increasing diversity and representation, setting targets for recruitment, hiring, retention, and advancement, and implementing targeted recruitment strategies, Solar Energy Solutions can advance its affirmative action objectives and create a more inclusive and equitable workplace environment. These efforts will not only support the organization's commitment to diversity and inclusion but also contribute to its overall success and sustainability.

Training and Development:

Provision of Diversity and Inclusion Training Programs:

Solar Energy Solutions recognizes the importance of fostering awareness, sensitivity, and cultural competence among employees, managers, and recruiters. To achieve this, the organization will provide comprehensive diversity and inclusion training programs.

Training sessions will cover topics such as unconscious bias, microaggressions, inclusive leadership, cultural competency, and understanding privilege.

Training programs will be designed to engage participants in interactive discussions, case studies, and real-world scenarios to deepen their understanding of diversity and inclusion issues.

Specialized training will be provided to recruiters and hiring managers to ensure that they are equipped with the knowledge and skills necessary to conduct fair and inclusive recruitment and selection processes.

Development of Mentoring Programs:

Solar Energy Solutions will establish mentoring programs to support the professional growth and advancement of underrepresented employees.

Mentoring relationships will pair experienced employees (mentors) with less experienced employees (mentees) from underrepresented groups.

Mentors will provide guidance, support, and career advice to mentees, helping them navigate their career paths, develop new skills, and overcome obstacles.

Mentoring programs will be structured to provide opportunities for mentees to build their networks, gain exposure to new opportunities, and develop leadership competencies.

Career Development Initiatives:

Solar Energy Solutions will implement career development initiatives aimed at enhancing the skills, knowledge, and competencies of underrepresented employees.

Development opportunities may include access to training programs, workshops, seminars, conferences, and educational resources.

Employees from underrepresented groups will be encouraged to participate in leadership development programs, succession planning initiatives, and stretch assignments to prepare them for future advancement opportunities.

Career development plans will be tailored to the individual needs and aspirations of employees, providing them with the support and resources they need to achieve their professional goals.

Evaluation and Continuous Improvement:

Solar Energy Solutions will regularly evaluate the effectiveness of its diversity and inclusion training programs, mentoring initiatives, and career development efforts.

Feedback from participants will be collected through surveys, focus groups, and one-on-one discussions to assess the impact of training and development initiatives.

Based on evaluation findings, adjustments will be made to training content, program structure, and delivery methods to ensure that they remain relevant, engaging, and impactful.

By providing comprehensive diversity and inclusion training programs, establishing mentoring programs, and implementing career development initiatives, Solar Energy Solutions can support the professional growth and advancement of underrepresented employees, foster an inclusive workplace culture, and create opportunities for all employees to succeed and thrive. These efforts will not only benefit individual employees but also contribute to the overall success and sustainability of the organization.

Monitoring and Reporting:

Solar Energy Solutions will establish procedures for regularly monitoring and evaluating the effectiveness of the Affirmative Action Plan (AAP).

HR personnel will conduct ongoing assessments to track progress toward achieving diversity goals outlined in the AAP.

Evaluation criteria may include workforce demographics, hiring and promotion rates for underrepresented groups, retention rates, and participation in training and development programs.

Regular reviews will be conducted to assess the impact of diversity initiatives, identify areas for improvement, and make necessary adjustments to the AAP.

Documentation of Data Collection Methods and Metrics:

Solar Energy Solutions will document data collection methods, metrics, and reporting requirements to track progress toward achieving diversity goals.

HR will establish standardized procedures for collecting and analyzing workforce data, ensuring consistency and accuracy in reporting.

Metrics may include workforce demographics, applicant flow data, hiring and promotion rates, turnover rates, participation in training programs, and employee satisfaction surveys.

Data collection methods may include employee self-identification surveys, applicant tracking systems, HRIS reports, and other relevant sources of information.

Preparation of Annual or Periodic Reports:

HR will be responsible for preparing annual or periodic reports to senior management and regulatory agencies to demonstrate compliance with the AAP and progress toward diversity goals.

Reports will include comprehensive data analysis, trend analysis, and narrative summaries of key findings.

Reports will highlight achievements, challenges, and areas for improvement, along with action plans for addressing identified disparities.

Reports will be submitted to senior management for review and approval before being shared with regulatory agencies or other stakeholders as required.

Continuous Improvement:

Solar Energy Solutions is committed to continuous improvement in its diversity and inclusion efforts. Feedback from monitoring and reporting activities will be used to inform future decision-making and strategic planning.

HR will regularly review and update the AAP based on evaluation findings, emerging best practices, and changes in regulatory requirements.

Collaboration with internal stakeholders, employee resource groups, and external partners will be encouraged to gather input and perspectives on diversity initiatives and AAP implementation.

By establishing procedures for monitoring and reporting on the effectiveness of the AAP, documenting data collection methods and metrics, and preparing annual or periodic reports to senior management and regulatory agencies, Solar Energy Solutions can demonstrate its commitment to diversity, track progress toward achieving diversity goals, and continuously improve its efforts to foster an inclusive workplace culture. These monitoring and reporting activities are essential for ensuring transparency, accountability, and compliance with legal and regulatory requirements.

Recordkeeping and Documentation:

Establishment of Recordkeeping Procedures:

Solar Energy Solutions will establish robust recordkeeping procedures to maintain documentation related to recruitment, hiring, promotions, terminations, and other employment actions.

HR personnel will ensure that accurate and comprehensive records are maintained for each stage of the employment lifecycle, including job postings, applicant resumes, interview notes, employment offers, promotion decisions, performance evaluations, and termination documentation.

Records will be organized and stored in a secure and accessible manner to facilitate compliance with legal and regulatory requirements and facilitate auditing or reporting processes.

Retention of Records for Compliance:

Solar Energy Solutions will retain records required for compliance with legal and regulatory requirements related to affirmative action, equal employment opportunity, and non-discrimination.

HR will adhere to applicable laws and regulations governing record retention periods, ensuring that records are retained for the required duration and disposed of appropriately once no longer needed. Records will be retained in accordance with federal, state, and local laws, as well as any industry-specific regulations that may apply to Solar Energy Solutions' operations.

Review and Evaluation:

Schedule Regular Reviews and Evaluations of the AAP:

Solar Energy Solutions will schedule regular reviews and evaluations of the Affirmative Action Plan (AAP) to assess its effectiveness, identify areas for improvement, and make necessary adjustments. Reviews may be conducted on an annual basis or more frequently as needed, depending on changes in the organization's workforce, diversity initiatives, or regulatory requirements.

HR personnel, senior management, and other stakeholders will collaborate to conduct thorough assessments of the AAP's implementation, outcomes, and impact on diversity and inclusion efforts. Incorporation of Feedback from Employees, Stakeholders, and External Partners: Solar Energy Solutions will incorporate feedback from employees, stakeholders, and external partners in the review process to gain diverse perspectives and insights.

Feedback may be gathered through surveys, focus groups, one-on-one interviews, or other forms of communication to solicit input on the effectiveness of diversity initiatives, barriers to inclusion, and opportunities for improvement.

HR will analyze feedback data, identify common themes or patterns, and use this information to inform decision-making and strategic planning related to AAP review and evaluation.

By establishing recordkeeping procedures to maintain documentation related to employment actions and retention of records for compliance, and scheduling regular reviews and evaluations of the AAP while incorporating feedback from employees, stakeholders, and external partners, Solar Energy Solutions can ensure transparency, accountability, and continuous improvement in its efforts to promote diversity, equity, and inclusion within the organization. These practices are essential for maintaining compliance with legal and regulatory requirements and fostering a workplace culture that values diversity and supports the success of all employees.

Conclusion:

Solar Energy Solutions reaffirms its unwavering commitment to diversity, equal opportunity, and continuous improvement. Throughout our organization, we recognize the inherent value of fostering a workplace culture that celebrates diversity and promotes inclusion at every level. Our dedication to these principles is not only a moral imperative but also a strategic imperative that drives innovation, enhances employee engagement, and strengthens our ability to serve our customers and communities effectively.

The Affirmative Action Plan (AAP) serves as a foundational framework for our diversity and inclusion efforts, guiding our actions and strategies to ensure that all individuals have equal access to opportunities for employment, advancement, and professional development. We are firmly committed to upholding the principles outlined in the AAP, including proactive measures to address disparities, eliminate barriers, and promote fairness and equity in our workforce practices.

At Solar Energy Solutions, we recognize that our diversity is our strength, and we embrace the richness of perspectives, experiences, and talents that each individual brings to our organization. We are dedicated to creating an environment where all employees feel valued, respected, and empowered to contribute their unique skills and perspectives. By fostering an inclusive workplace culture, we not only attract and retain top talent but also cultivate an environment where innovation flourishes and our business thrives.

As we move forward, Solar Energy Solutions remains steadfast in our commitment to diversity, equal opportunity, and continuous improvement. We will continue to evaluate our practices, measure our progress, and adapt our strategies to meet the evolving needs of our workforce and society. By working together, we can build a brighter future where diversity is celebrated, inclusion is the norm, and all individuals have the opportunity to reach their full potential.



Lexington-Fayette Urban County Government

Request for Proposals

The Lexington-Fayette Urban County Government hereby requests proposals for **RFP #21-2026 Solar PV Installation at Black & Williams Gymnasium** to be provided in accordance with terms, conditions and specifications established herein.

Sealed proposals will be received through Ion Wave until **2:00 PM**, prevailing local time, on **April 28, 2026**. All forms and information requested in RFP must be included and attached in Response Attachments tab in Ion Wave.

Proposals received after the date and time set for opening proposals will not be accepted. It is the sole responsibility of the Proposer to assure that his/her proposal is submitted in Ion Wave before the date and time set for opening proposals.

Proposals, once submitted, may not be withdrawn for a period of ninety (90) calendar days.

The Lexington-Fayette Urban County Government reserves the right to reject any or all proposals, and to waive technicalities and informalities when such waiver is determined by the Lexington-Fayette Urban County Government to be in its best interest.

Signature of this proposal by the Proposer constitutes acceptance by the Proposer of terms, conditions and requirements set forth herein.

Minor exceptions may not eliminate the proposal. Any exceptions to the specifications established herein shall be listed in detail on a separate sheet and attached hereto. The Lexington-Fayette Urban County Government shall determine whether any exception is minor.

The Lexington-Fayette Urban County Government encourages the participation of minority- and women-owned businesses in Lexington-Fayette Urban County Government contracts. This proposal is subject to Affirmative Action requirements attached hereto.

A pre-proposal conference has been scheduled for April 14, 2026, 1:00 pm, at 498 Georgetown St, Lexington, KY.

Please do not contact any LFUCG staff member or any other person involved in the selection process other than the designated contact person(s) regarding the project contemplated under this RFP while this RFP is open and a selection has not been finalized. Any attempt to do so may result in disqualification of the firm's submittal for consideration.

Laws and Regulations

All applicable state laws, municipal ordinances and regulations of all authorities having jurisdiction over the project shall apply to the contract, and shall be deemed to be incorporated herein by reference.

Equal Employment Opportunity

The Entity (regardless of whether construction contractor, non-construction contractor or supplier) agrees to provide equal opportunity in employment for all qualified persons, to prohibit discrimination in employment because of race, color, religion, sex (including pregnancy, sexual orientation or gender identity), national origin, disability, age, genetic information, political affiliation, or veteran status, and to promote equal employment through a positive, continuing program from itself and each of its sub-contracting agents. This program of equal employment opportunity shall apply to every aspect of its employment policies and practices.

Kentucky Equal Employment Opportunity Act

The Kentucky Equal Employment Opportunity Act of 1978 (KRS 45.560-45.640) requires that any "county, city, town, school district, water district, hospital district, or other political subdivision of the state shall include in directly or indirectly publicly funded contracts for supplies, materials, services, or equipment hereinafter entered into the following provisions:

"During the performance of this contract, the contractor agrees as follows:

- (1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, age, or national origin;
- (2) The contractor will state in all solicitations or advertisements for employees placed by or on behalf of the contractors that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age, or national origin;
- (3) The contractor will post notices in conspicuous places, available to employees and applicants for employment, setting forth the provision of the nondiscrimination clauses required by this section; and

(4) The contractor will send a notice to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding advising the labor union or workers' representative of the contractor's commitments under the nondiscrimination clauses."

The Act further provides:

"KRS 45.610. Hiring minorities -- Information required

(1) For the length of the contract, each contractor shall hire minorities from other sources within the drawing area, should the union with which he has collective bargaining agreements be unwilling to supply sufficient minorities to satisfy the agreed upon goals and timetables.

(2) Each contractor shall, for the length of the contract, furnish such information as required by KRS 45.560 to KRS 45.640 and by such rules, regulations and orders issued pursuant thereto and will permit access to all books and records pertaining to his employment practices and work sites by the contracting agency and the department for purposes of investigation to ascertain compliance with KRS 45.560 to 45.640 and such rules, regulations and orders issued pursuant thereto.

KRS 45.620. Action against contractor -- Hiring of minority contractor or subcontractor

(1) If any contractor is found by the department to have engaged in an unlawful practice under this chapter during the course of performing under a contract or subcontract covered under KRS 45.560 to 45.640, the department shall so certify to the contracting agency and such certification shall be binding upon the contracting agency unless it is reversed in the course of judicial review.

(2) If the contractor is found to have committed an unlawful practice under KRS 45.560 to 45.640, the contracting agency may cancel or terminate the contract, conditioned upon a program for future compliance approved by the contracting agency and the department. The contracting agency may declare such a contractor ineligible to bid on further contracts with that agency until such time as the contractor complies in full with the requirements of KRS 45.560 to 45.640.

(3) The equal employment provisions of KRS 45.560 to 45.640 may be met in part by a contractor by subcontracting to a minority contractor or subcontractor. For the provisions of KRS 45.560 to 45.640, a minority contractor or subcontractor shall mean a business that is owned and controlled by one or more persons disadvantaged by racial or ethnic circumstances.

KRS 45.630 Termination of existing employee not required, when

Any provision of KRS 45.560 to 45.640 notwithstanding, no contractor shall be required to terminate an existing employee upon proof that employee was employed prior to the date of the contract.

KRS 45.640 Minimum skills

Nothing in KRS 45.560 to 45.640 shall require a contractor to hire anyone who fails to demonstrate the minimum skills required to perform a particular job."

It is recommended that all of the provisions above quoted be included as special conditions in each contract. In the case of a contract exceeding \$250,000, the contractor is required to furnish evidence that his workforce in Kentucky is representative of the available work-force in the area from which he draws employees, or to supply an Affirmative Action plan which will achieve such representation during the life of the contract.

LFUCG Non-Appropriation Clause

Contractor acknowledges that the LFUCG is a governmental entity, and the contract validity is based upon the availability of public funding under the authority of its statutory mandate.

In the event that public funds are unavailable and not appropriated for the performance of the LFUCG's obligations under this contract, then this contract shall automatically expire without penalty to the LFUCG thirty (30) days after written notice to Contractor of the unavailability and non-appropriation of public funds. It is expressly agreed that the LFUCG shall not activate this non-appropriation provision for its convenience or to circumvent the requirements of this contract, but only as an emergency fiscal measure during a substantial fiscal crisis, which affects generally its governmental operations.

In the event of a change in the LFUCG's statutory authority, mandate and mandated functions, by state and federal legislative or regulatory action, which adversely affects the LFUCG's authority to continue its obligations under this contract, then this contract shall automatically terminate without penalty to the LFUCG upon written notice to Contractor of such limitation or change in the LFUCG's legal authority.

Contention Process

Vendors who respond to this invitation have the right to file a notice of contention associated with the RFP process or to file a notice of appeal of the recommendation made by the Director of Central Purchasing resulting from this invitation.

Notice of contention with the RFP process must be filed within 3 business days of the

bid/proposal opening by (1) sending a written notice, including sufficient documentation to support contention, to the Director of the Division of Central Purchasing or (2) submitting a written request for a meeting with the Director of Central Purchasing to explain his/her contention with the RFP process. After consulting with the Commissioner of Finance the Chief Administrative Officer and reviewing the documentation and/or hearing the vendor, the Director of Central Purchasing shall promptly respond in writing findings as to the compliance with RFP processes. If, based on this review, a RFP process irregularity is deemed to have occurred the Director of Central Purchasing will consult with the Commissioner of Finance, the Chief Administrative Officer and the Department of Law as to the appropriate remedy.

Notice of appeal of a RFP recommendation must be filed within 3 business days of the RFP recommendation by (1) sending a written notice, including sufficient documentation to support appeal, to the Director, Division of Central Purchasing or (2) submitting a written request for a meeting with the Director of Central Purchasing to explain his appeal. After reviewing the documentation and/or hearing the vendor and consulting with the Commissioner of Finance and the Chief Administrative Officer, the Director of Central Purchasing shall in writing, affirm or withdraw the recommendation.

SELECTION CRITERIA:

The LFUCG’s Selection Committee shall consider the following factors when it evaluates the proposals received:

Company Profile / Experience	15 points
Project Team	15 points
Technical Approach	30 points
Price Proposal	40 points
TOTAL	100 points

Proposals shall contain the appropriate information necessary to evaluate based on these criteria. A committee composed of government employees as well as representatives of relevant user groups will evaluate the proposals.

Questions regarding this RFP shall be addressed through:
<https://lexingtonky.ionwave.net>

Affirmative Action Plan

All vendors must submit as a part of the proposal package the following items to the Urban County Government:

1. Affirmative Action Plan for his/her firm;
2. Current Work Force Analysis Form;

Failure to submit these items as required may result in disqualification of the submitter from award of the contract

AFFIDAVIT

Comes the Affiant, NICK BOWMAN, and after being first duly sworn, states under penalty of perjury as follows:

1. His/her name is NICK BOWMAN and he/she is the individual submitting the proposal or is the authorized representative of Solar Energy Solutions, LLC, the entity submitting the proposal (hereinafter referred to as "Proposer").

2. Proposer will pay all taxes and fees, which are owed to the Lexington-Fayette Urban County Government at the time the proposal is submitted, prior to award of the contract and will maintain a "current" status in regard to those taxes and fees during the life of the contract.

3. Proposer will obtain a Lexington-Fayette Urban County Government business license, if applicable, prior to award of the contract.

4. Proposer has authorized the Division of Central Purchasing to verify the above-mentioned information with the Division of Revenue and to disclose to the Urban County Council that taxes and/or fees are delinquent or that a business license has not been obtained.

5. Proposer has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky within the past five (5) years and the award of a contract to the Proposer will not violate any provision of the campaign finance laws of the Commonwealth.

6. Proposer has not knowingly violated any provision of Chapter 25 of the Lexington-Fayette Urban County Government Code of Ordinances, known as "Ethics Act."

Continued on next page

7. Proposer acknowledges that "knowingly" for purposes of this Affidavit means, with respect to conduct or to circumstances described by a statute or ordinance defining an offense, that a person is aware or should have been aware that his conduct is of that nature or that the circumstance exists.

8. Proposer will comply with all registration requirements as a contractor where required by Section 5-85 of the Code of Ordinances of the Lexington-Fayette Urban County Government. Proposer will utilize as subcontractors on the contract only contractors who are registered as required by Section 5-85 of the Code of Ordinances. Proposer will maintain a "current" status with regard to all contractor registration requirements during the life of the contract and will ensure that all subcontractors maintain a "current" status with regard to all contractor registration requirements during the life of the contract. Proposer has authorized the Division of Procurement to verify the registration of Bidder and Bidder's subcontractors with the Division of Building Inspection.

Further, Affiant sayeth naught.

Nick Bowman

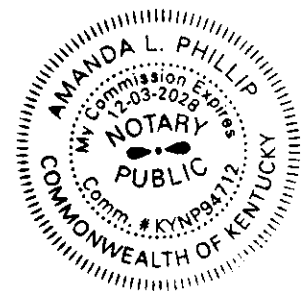
STATE OF Kentucky

COUNTY OF Fayette

The foregoing instrument was subscribed, sworn to and acknowledged before me
by NICK BOWMAN on this the 27th day
of April, 2026

My Commission expires: 12-03-2028

Amanda L. Phillip



**NOTARY PUBLIC, STATE AT LARGE
EQUAL OPPORTUNITY AGREEMENT**

Standard Title VI Assurance

The Lexington Fayette-Urban County Government, (hereinafter referred to as the "Recipient") hereby agrees that as a condition to receiving any Federal financial assistance from the U.S. Department of Transportation, it will comply with Title VI of the Civil Rights Act of 1964, 78Stat.252, 42 U.S.C. 2000d-4 (hereinafter referred to as the "Act"), and all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, (49 CFR, Part 21) Nondiscrimination in Federally Assisted Program of the Department of Transportation – Effectuation of Title VI of the Civil Rights Act of 1964 (hereinafter referred to as the "Regulations") and other pertinent directives, no person in the United States shall, on the grounds of race, color, national origin, sex, age (over 40), religion, sexual orientation, gender identity, veteran status, or disability be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the Recipient receives Federal financial assistance from the U.S. Department of Transportation, including the Federal Highway Administration, and hereby gives assurance that will promptly take any necessary measures to effectuate this agreement. This assurance is required by subsection 21.7(a) (1) of the Regulations.

The Law

- Title VII of the Civil Rights Act of 1964 (amended 1972) states that it is unlawful for an employer to discriminate in employment because of race, color, religion, sex, age (40-70 years) or national origin.
- Executive Order No. 11246 on Nondiscrimination under Federal contract prohibits employment discrimination by contractor and sub-contractor doing business with the Federal Government or recipients of Federal funds. This order was later amended by Executive Order No. 11375 to prohibit discrimination on the basis of sex.
- Section 503 of the Rehabilitation Act of 1973 states:

The Contractor will not discriminate against any employee or applicant for employment because of physical or mental handicap.

- Section 2012 of the Vietnam Era Veterans Readjustment Act of 1973 requires Affirmative Action on behalf of disabled veterans and veterans of the Vietnam Era by contractors having Federal contracts.
- Section 206(A) of Executive Order 12086, Consolidation of Contract Compliance Functions for Equal Employment Opportunity, states:

The Secretary of Labor may investigate the employment practices of any Government contractor or sub-contractor to determine whether or not the contractual provisions specified in Section 202 of this order have been violated.

The Lexington-Fayette Urban County Government practices Equal Opportunity in recruiting, hiring and promoting. It is the Government's intent to affirmatively provide employment opportunities for those individuals who have previously not been allowed to enter into the mainstream of society. Because of its importance to the local Government, this policy carries the full endorsement of the Mayor, Commissioners, Directors and all supervisory personnel. In following this commitment to Equal Employment Opportunity and because the Government is the benefactor of the Federal funds, it is both against the Urban County Government policy and illegal for the Government to let contracts to companies which knowingly or unknowingly practice discrimination

in their employment practices. Violation of the above mentioned ordinances may cause a contract to be canceled and the contractors may be declared ineligible for future consideration.

Please sign this statement in the appropriate space acknowledging that you have read and understand the provisions contained herein. Return this document as part of your application packet.

Bidders

I/We agree to comply with the Civil Rights Laws listed above that govern employment rights of minorities, women, Vietnam veterans, handicapped and aged persons.



Signature

Solar Energy Solutions

Name of Business

WORKFORCE ANALYSIS FORM

Name of Organization: Solar Energy Solutions

Categories	Total	White (Not Hispanic or Latino)		Hispanic or Latino		Black or African-American (Not Hispanic or Latino)		Native Hawaiian and Other Pacific Islander (Not Hispanic or Latino)		Asian (Not Hispanic or Latino)		American Indian or Alaskan Native (not Hispanic or Latino)		Two or more races (Not Hispanic or Latino)		Total	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Administrators	5	3	2													3	2
Professionals	8	7	1													7	1
Superintendents	11	10	1													10	1
Supervisors	0																
Foremen	0																
Technicians	3	2								1						3	
Protective Service	0																
Para-Professionals	0																
Office/Clerical	0																
Skilled Craft	29	23		3						1							
Service/Maintenance																	
Total:	56															52	4

Prepared by: Nick Bowman Date: 04 / 23 / 2026

(Name and Title)

Revised 2015-Dec-15

**DIRECTOR, DIVISION OF PROCUREMENT
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT
200 EAST MAIN STREET
LEXINGTON, KENTUCKY 40507**

**NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL
EMPLOYMENT OPPORTUNITIES AND DBE CONTRACT PARTICIPATION**

The Lexington-Fayette Urban County Government has a Certified Minority and Women Business Enterprise seventeen percent (17%) minimum goal including minimum subgoals of five percent (5%) for Minority Business Enterprises (MBE) and a subgoal of twelve percent (12%) for Women Business Enterprises (WBE); a three (3%) minimum goal for Certified Veteran-Owned Small Businesses and/or Certified Service- Disabled Veteran Owned Businesses; and a goal of utilizing Disadvantaged Business Enterprises (DBE), where applicable, for government contracts.

For assistance in locating certified DBEs, MBEs, WBEs, VOSBs and/or VOSBs, contact Sherita Miller at 859/258-3320 or by writing the address listed below:

Sherita Miller, MPA, CPSD
Minority Business Enterprise Liaison
Division of Procurement
Lexington-Fayette Urban County Government
200 East Main Street
Lexington, Kentucky 40507
smiller@lexingtonky.gov
859-258-3323

Firm Submitting Proposal: Solar Energy Solutions

Complete Address: 1038 Brentwood Ct B, Lexington, KY 40511
Street City Zip

Contact Name: Nick Bowman Title: Estimating and Proposal Manager

Telephone Number: (859) 618-4849 Fax Number: _____

Email address: NickB@sesre.com



LEXINGTON

MINORITY BUSINESS ENTERPRISE PROGRAM

Sherita Miller, MPA, CPSD
Minority Business Enterprise Liaison
Division of Procurement
Lexington-Fayette Urban County Government
200 East Main Street
Lexington, KY 40507
smiller@lexingtonky.gov
859-258-3323

OUR MISSION: The mission of the Minority Business Enterprise Program (MBEP) is to facilitate the full participation of minority and women owned businesses in the procurement process and to promote economic inclusion as a business imperative essential to the long- term economic viability of Lexington-Fayette Urban County Government.

To that end the urban county council adopted and implemented Resolution 272-2024 – a Certified Minority and Women Business Enterprise seventeen percent (17%) minimum goal including minimum subgoals of five percent (5%) for Minority Business Enterprises (MBE) and a subgoal of twelve percent (12%) for Women Business Enterprises (WBE); a three (3%) minimum goal for Certified Veteran-Owned Small Businesses and/or Certified Service- Disabled Veteran Owned Businesses; and a goal of utilizing Disadvantaged Business Enterprises (DBE), where applicable, for government contracts.

The resolution states the following definitions shall be used for the purposes of reaching these goals:

Certified Disadvantaged Business Enterprise (DBE) – a business in which at least fifty-one percent (51%) is owned, managed and controlled by a person(s) who is socially and economically disadvantaged as define by 49 CFR subpart 26.

Certified Minority Business Enterprise (MBE) – a business in which at least fifty-one percent (51%) is owned, managed and controlled by an ethnic minority (i.e. Black American, Asian American, Hispanic American, Native American)

Certified Women Business Enterprise (WBE) – a business in which at least fifty-one percent (51%) is owned, managed and controlled by a woman.

Certified Veteran-Owned Small Business (VOSB) – a business in which at least fifty-one percent (51%) is owned, managed and controlled by a veteran who served on active duty with the U.S. Army, Air Force, Navy, Marines or Coast Guard.

Certified Service -Disabled Veteran Owned Small Business (SDVOSB) – a business in which at least fifty-one percent (51%) is owned, managed and controlled by a disabled veteran who served on active duty with the U.S. Army, Air Force, Navy, Marines or Coast Guard.

The term “Certified” shall mean the business is appropriately certified, licensed, verified, or validated by an organization or entity recognized by the Division of Procurement as having the appropriate credentials to make a determination as to the status of the business.

The following certifications are recognized and accepted by the MBEP:

Kentucky Transportation Cabinet (KYTC), Disadvantaged Business Enterprise (DBE)

Kentucky Minority and Women Business Enterprise (MWBE)

Women’s Business Enterprise National Council (WBENC)

National Women Business Owners Corporation (NWBOC)

National Minority Supplier Development Council (NMSDC)

Tri-State Minority Supplier Development Council (TSMSSDC)

U.S. Small Business Administration Veteran Small Business Certification (VetCert)

Kentucky Service- Disabled Veteran Owned Small Business (SDVOSB)

To comply with Resolution 272-2024, prime contractors, minority and women business enterprises, veteran owned small businesses, and service-disabled veteran owned small businesses must complete monthly contract compliance audits in the Diverse Business Management Compliance system, <https://lexingtonky.diversitycompliance.com/>

A list of organizations that certify and/or maintain lists of certified businesses (i.e. DBE, MBE, WBE, VOSB and/or SDVOSB) is available upon request by emailing, Sherita Miller, smiller@lexingtonky.gov.



LEXINGTON

LFUCG MWDBE PARTICIPATION FORM

Bid/RFP/Quote Reference # RFP 21-2026

The MWDBE and/or veteran subcontractors listed have agreed to participate on this Bid/RFP/Quote. If any substitution is made or the total value of the work is changed prior to or after the job is in progress, it is understood that those substitutions must be submitted to the Division of Procurement for approval immediately. **Failure to submit a completed form may cause rejection of the bid.**

MWBE Company, Name, Address, Phone, Email	DBE/MBE WBE/VOSB/SDVOSB	Work to be Performed	Total Dollar Value of the Work	% Value of Total Contract
1. N/A				
2.				
3.				
4.				

The undersigned company representative submits the above list of MDWBE and veteran firms to be used in accomplishing the work contained in this Bid/RFP/Quote. Any misrepresentation may result in the termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

Solar Energy Solutions

Company

04/23/2026

Date

Nick Bowman

Company Representative

Estimating and Proposal Manager

Title



LEXINGTON

LFUCG MWDBE SUBSTITUTION FORM

Bid/RFP/Quote Reference # RFP 21-2026

The substituted MWDBE and/or veteran subcontractors listed below have agreed to participate on this Bid/RFP/Quote. These substitutions were made prior to or after the job was in progress. These substitutions were made for reasons stated below and are now being submitted to the Division of Procurement for approval. By the authorized signature of a representative of our company, we understand that this information will be entered into our file for this project. **Note: Form required if a subcontractor is being substituted on a contract.**

SUBSTITUTED DBE/MBE/WBE/VOSB Company Name, Address, Phone, Email	DBE/MBE/WBE/VOSB/SDVOSB Formally Contracted/ Name, Address, Phone, Email	Work to Be Performed	Reason for the Substitution	Total Dollar Value of the Work	% Value of Total Contract
1. N/A					
2.					
3.					
4.					

The undersigned acknowledges that any misrepresentation may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and false claims.

Solar Energy Solutions

Company

04/23/2026

Date

Nick Bowman

Company Representative

Estimating and Proposal Manager

Title



LEXINGTON

DOCUMENTATION REQUIRED FOR GOOD FAITH EFFORTS AND OUTREACH PLANS

As affirmed in Resolution Number 272-2024, the Urban County Council has adopted an annual aspirational goal of utilizing at least seventeen percent (17%) of public funds spend from certain discretionary agreements with certified Minority Business Enterprises (MBEs) and certified Woman Business Enterprises (WBEs); utilizing at least three percent (3%) of public funds from certain discretionary agreements with Certified Veteran-Owned Small Business and Certified Service-Disabled Veteran-Owned Small Businesses (VOSBs); and utilizing Disadvantaged Business Enterprises (DBEs) where applicable. Bidders should make every effort to achieve these goals.

Therefore, as an element of the responsiveness of the bid, all Bidders are required to submit documentation of their good faith and outreach efforts to ensure all businesses, including small and disadvantaged businesses such as minority-, woman-, and veteran-owned businesses, have an equal opportunity to compete for and participate in the performance of any subcontracts resulting from this procurement. Examples of good faith and outreach efforts that satisfy this requirement to encourage the participation of, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs include:

1. Advertised opportunities to participate in the contract in at least two (2) publications of general circulation media; trade and professional association publications; small and minority business or trade publications; and publications or trades targeting minority, women, and disadvantaged businesses not less than fifteen (15) days prior to the deadline for submission of bids to allow, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs to participate.
2. Attended LFUCG Procurement Economic Inclusion Outreach event(s) within the past year to meet new small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs to partner with on LFUCG contracts and procurements.
3. Attended pre-bid/pre-proposal meetings that were scheduled by LFUCG to inform small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs of subcontracting opportunities.
4. Sponsored Economic Inclusion event to provide networking opportunities for prime contractors and small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs.
5. Requested a list of certified small, DBE, MBE, WBE, VOSB and/or SDVOSB subcontractors or suppliers from LFUCG and showed evidence of contacting the companies on the list(s).
6. Contacted organizations that work with small, DBE, MBE, WBE, and VOSB companies for assistance in finding certified DBEs, MBEs, WBEs, VOSB and/or SDVOSBs to work

on this project. Those contacted and their responses must be a part of the bidder's outreach efforts documentation.

7. Sent written notices, by certified mail, email, or facsimile, to qualified, certified small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs soliciting their participation in the contract not less than seven (7) days prior to the deadline for submission of bids to allow them to participate effectively.
8. Followed up initial solicitations by contacting small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs via tailored communications to determine their level of interest.
9. Provided the interested small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs with adequate and timely information about the plans, specifications, and requirements of the contract.
10. Selected portions of the work to be performed by small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs in order to increase the likelihood of subcontracting participation. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate small, DBE, MBE, WBE, VOSB and/or SDVOSB participation, even when the prime contractor may otherwise perform these work items with its own workforce.
11. Negotiated in good faith with interested small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs, not rejecting them as unqualified without sound reasons based on a thorough investigation of their capabilities. Any rejection must be so noted in writing with a description as to why an agreement could not be reached.
12. Included documentation of quotations received from interested small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs that were not used due to uncompetitive pricing or were rejected as unacceptable and/or copies of responses from firms indicating that they would not be submitting a bid.
 - a. Bidder has to submit sound reasons why the quotations were considered unacceptable. The fact that the bidder has the ability and/or desire to perform the contract work with its own forces will not be considered a sound reason for rejecting a small business', DBE's MBE's, WBE's, VOSB's and/or SDVOSB's quote. Nothing in this provision shall be construed to require the bidder to accept unreasonable quotes in order to satisfy the participation goals.
13. Made an effort to offer assistance to or refer interested small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs to obtain the necessary equipment, supplies, materials, insurance and/or bonding to satisfy the work requirements of the bid proposal.

14. Made efforts to expand the search for small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs beyond the usual geographic boundaries.
15. Other – any other evidence that the bidder submits that may demonstrate that the bidder has made reasonable efforts to include small, DBE, MBE, WBE, VOSB and/or SDVOSB participation.

Bidder must document, with specificity, each of the efforts it made to include small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs as subcontractors in the procurement, including the date on which each effort was made, the medium through which each effort was made, and the outcome of each effort.

Note: Failure to submit the documentation requested in this section may be cause for rejection of bid. Bidders may include any other documentation deemed relevant to this requirement which is subject to review by the MBE Liaison. Documentation of Good Faith and Outreach Efforts must be submitted with the Bid, regardless of the proposed level of small, DBE, MBE, WBE, VOSB and/or SDVOSB participation in the procurement. If the Good Faith and Outreach Effort documentation is not submitted with the bid response, the bid may be rejected.

OUTREACH EFFORTS EVALUATION

Outreach efforts demonstrated by the bidder or respondent will be evaluated on a pass/fail basis.

ATTACHMENT A – SMALL AND DISADVANTAGED, MINORITY-, WOMEN-, AND VETERAN-OWNED BUSINESS OUTREACH PLAN

Proposer Name:	<u>Solar Energy Solutions</u>	Date:	<u>04/23/2026</u>
Project Name:	<u>Black and Williams Gym Solar</u>	Project Number:	<u>RFP 21-2026</u>
Contact Name:	<u>Nick Bowman</u>	Telephone:	<u>859 - 618 - 4849</u>
Email:	<u>NickB@sesre.com</u>		

The mission of the Minority Business Enterprise Program is to facilitate the full participation of disadvantaged businesses, minority-, women-, veteran-, and service-disabled veteran-owned businesses in the procurement process and to promote economic inclusion as a business imperative essential to the long-term economic viability of Lexington-Fayette Urban County Government.

To that end, small and disadvantaged businesses, including minority-, woman-, veteran-, and service-disabled veteran-owned businesses, must have an equal opportunity to be utilized in the performance of contracts with public funds spent from certain discretionary agreements. By submitting its offer, Bidder/Proposer certifies that it has taken, and if there are further opportunities will take, reasonable steps to ensure that small and disadvantaged businesses, including minority-, woman-, veteran-, and service-disabled veteran-owned businesses, are provided an equal opportunity to compete for and participate in the performance of any subcontracts resulting from this procurement.

The information submitted in response to this clause will not be considered in any scored evaluation. Failure to submit this form may cause the bid or proposal to be rejected.

Is the Bidder/ Proposer a certified firm? Yes No

If yes, indicate all certification type(s):

DBE MBE WBE SBE VOSB/SDVOSB

and supply a copy of the certificate and/or certification letter if not currently listed on the city's Minority Business Enterprise Program's (MBEP) certified list.

1. Include a list of firms that Bidder/ Proposer has had a contractual relationship with within the last two years that are minority-owned, woman-owned, veteran-owned or small businesses, regardless of their certification status.

2. Does Bidder/Proposer foresee any subcontracting opportunities for this procurement?

Yes No

If no, please explain why in the field below. Do not complete the rest of this form and submit this first page with your bid and/or proposal. (Click or tap here to enter text.)

In the interest of ensuring a competitive quote and staying within timeline expectations, SES would typically avoid involving other firms. If MWDBE participating is desired for this project, SES can arrange a scope of work to be performed by others for an additional administrative fee. If yes, please complete the following pages and submit all pages with your bid and/or proposal.

Describe the steps Bidder/Proposer took to solicit small and disadvantaged businesses, including MBEs, WBEs, VOSBs, and SDVOSBs, for subcontracting opportunities for this procurement.

3. Check the good faith and outreach efforts the Bidder/Proposer used to encourage the participation of small and disadvantaged businesses including, MBEs, WBEs, VOSBs and SDVOSBs:

- Bidder placed advertisements in search of prospective small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs for the solicitation.
- Bidder attended LFUCG Procurement Economic Inclusion Outreach event(s) within the past year.
- Bidder attended pre-bid and/or pre-proposal meetings for this solicitation.
- Bidder sponsored an Economic Inclusion Outreach event.
- Bidder requested a list of certified small, DBE, MBE, WBE, VOSB and/or SDVOSB subcontractors or suppliers from LFUCG.
- Bidder contacted organizations that work with small, DBE, MBE, WBE, VOSB and/or SDVOSB companies.
- Bidder sent written notices to certified small, DBE, MBE, WBE, VOSB and SDVOSB businesses.
- Bidder followed up to initial solicitations with interested small, DBE, MBE, WBE, VOSB and/or SDVOSB.
- Bidder provided small, DBE, MBE, WBE, VOSB and/or SDVOSB businesses interested in performing the solicited work with prompt access to the plans, specifications, scope of work, and requirements of the solicitation.
- Bidder made efforts to segment portions of the work to be performed by small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs, including dividing sub-bid/partnership opportunities into economically feasible units/parcels, to facilitate participation.

- Bidder negotiated in good faith with interested small, DBE, MBE, WBE, VOSB and/or SDVOSB businesses.
- Bidder provided adequate rationale for rejecting any small business', DBEs, MBEs, WBEs, VOSBs or SDVOSBs for lack of qualifications.
- Bidder offered assistance in obtaining bonding, insurance, financial, equipment, or other resources to small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs, in an effort to assist them in meeting project requirements.
- Bidder made efforts to expand the search for small businesses, DBEs MBEs, WBEs, VOSBs and/or SDVOSBs beyond the usual geographic boundaries.
- Bidder made other reasonable efforts to include small businesses, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs participation.

4. Bidder/Proposer must include documentation, including the date each effort was made, the medium through which each effort was made, and the outcome of each effort with this form, regardless of the level of small, DBE, MBE, WBE, VOSB and/or SDVOSB participation. Examples of required documentation include copies of email communications, copies of newspaper advertisements, or copies of quotations received from interested small businesses, DBEs, MBEs, WBEs, VOSBs or SDVOSBs.

 (Click or tap here to enter text.) 

For detailed information regarding outreach efforts that satisfy the MBE Program's requirements, please see "Documentation Required for Good Faith Efforts and Outreach Plans" page.

Note: The Bidder/Proposer must be willing to report the identity of each subcontractor and the value of each subcontract to MBEP if awarded a contract from this procurement.

Failure to submit the documentation requested may be cause for rejection of the bid. Bidders may include any other documentation deemed relevant to this requirement, which is subject to review by the MBE Liaison. Documentation of Good Faith and Outreach Efforts must be submitted with the bid, regardless of the proposed level of SBEs, DBEs, MBEs, WBEs, VOSBs and/or SDVOSBs participation in the procurement. If the Good Faith and Outreach Effort Form and associated documentation is not submitted with the bid response, the bid may be rejected.

The undersigned acknowledges that all information is accurate. Any misrepresentations may result in termination of the contract and/or be subject to applicable Federal and State laws concerning false statements and claims.

Solar Energy Solutions

Company

04/23/2026

Date

Nick Bowman

Company Representative

Estimating and Proposal Manager

Title

GENERAL PROVISIONS

1. Each Respondent shall comply with all Federal, State & Local regulations concerning this type of service or good.

The Respondent agrees to comply with all statutes, rules, and regulations governing safe and healthful working conditions, including the Occupational Health and Safety Act of 1970, *29 U.S.C. 650 et. seq.*, as amended, and KRS Chapter 338. The Respondent also agrees to notify the LFUCG in writing immediately upon detection of any unsafe and/or unhealthful working conditions at the job site. The Respondent agrees to indemnify, defend and hold the LFUCG harmless from all penalties, fines or other expenses arising out of the alleged violation of said laws.

2. Failure to submit ALL forms and information required in this RFP may be grounds for disqualification.
3. Addenda: All addenda and IonWave Q&A, if any, shall be considered in making the proposal, and such addenda shall be made a part of this RFP. Before submitting a proposal, it is incumbent upon each proposer to be informed as to whether any addenda have been issued, and the failure to cover in the bid any such addenda may result in disqualification of that proposal.
4. Proposal Reservations: LFUCG reserves the right to reject any or all proposals, to award in whole or part, and to waive minor immaterial defects in proposals. LFUCG may consider any alternative proposal that meets its basic needs.
5. Liability: LFUCG is not responsible for any cost incurred by a Respondent in the preparation of proposals.
6. Changes/Alterations: Respondent may change or withdraw a proposal at any time prior to the opening; however, no oral modifications will be allowed. Only letters, or other formal written requests for modifications or corrections of a previously submitted proposal which is addressed in the same manner as the proposal, and received by LFUCG prior to the scheduled closing time for receipt of proposals, will be accepted. The proposal, when opened, will then be corrected in accordance with such written request(s), provided that the written request is contained in a sealed envelope which is plainly marked "modifications of proposal".
7. Clarification of Submittal: LFUCG reserves the right to obtain clarification of any point in a bid or to obtain additional information from a Respondent.
8. Bribery Clause: By his/her signature on the bid, Respondent certifies that no employee of his/hers, any affiliate or Subcontractor, has bribed or attempted to bribe an officer or employee of the LFUCG.

9. Additional Information: While not necessary, the Respondent may include any product brochures, software documentation, sample reports, or other documentation that may assist LFUCG in better understanding and evaluating the Respondent's response. Additional documentation shall not serve as a substitute for other documentation which is required by this RFP to be submitted with the proposal,
10. Ambiguity, Conflict or other Errors in RFP: If a Respondent discovers any ambiguity, conflict, discrepancy, omission or other error in the RFP, it shall immediately notify LFUCG of such error in writing and request modification or clarification of the document if allowable by the LFUCG.
11. Agreement to Bid Terms: In submitting this proposal, the Respondent agrees that it has carefully examined the specifications and all provisions relating to the work to be done attached hereto and made part of this proposal. By acceptance of a Contract under this RFP, proposer states that it understands the meaning, intent and requirements of the RFP and agrees to the same. The successful Respondent shall warrant that it is familiar with and understands all provisions herein and shall warrant that it can comply with them. No additional compensation to Respondent shall be authorized for services or expenses reasonably covered under these provisions that the proposer omits from its Proposal.
12. Cancellation: If the services to be performed hereunder by the Respondent are not performed in an acceptable manner to the LFUCG, the LFUCG may cancel this contract for cause by providing written notice to the proposer, giving at least thirty (30) days notice of the proposed cancellation and the reasons for same. During that time period, the proposer may seek to bring the performance of services hereunder to a level that is acceptable to the LFUCG, and the LFUCG may rescind the cancellation if such action is in its best interest.

A. Termination for Cause

- (1) LFUCG may terminate a contract because of the contractor's failure to perform its contractual duties
- (2) If a contractor is determined to be in default, LFUCG shall notify the contractor of the determination in writing, and may include a specified date by which the contractor shall cure the identified deficiencies. LFUCG may proceed with termination if the contractor fails to cure the deficiencies within the specified time.
- (3) A default in performance by a contractor for which a contract may be terminated shall include, but shall not necessarily be limited to:
 - (a) Failure to perform the contract according to its terms, conditions and specifications;
 - (b) Failure to make delivery within the time specified or according

- to a delivery schedule fixed by the contract;
- (c) Late payment or nonpayment of bills for labor, materials, supplies, or equipment furnished in connection with a contract for construction services as evidenced by mechanics' liens filed pursuant to the provisions of KRS Chapter 376, or letters of indebtedness received from creditors by the purchasing agency;
 - (d) Failure to diligently advance the work under a contract for construction services;
 - (e) The filing of a bankruptcy petition by or against the contractor; or
 - (f) Actions that endanger the health, safety or welfare of the LFUCG or its citizens.

B. At Will Termination

Notwithstanding the above provisions, the LFUCG may terminate this contract at will in accordance with the law upon providing thirty (30) days written notice of that intent, Payment for services or goods received prior to termination shall be made by the LFUCG provided these goods or services were provided in a manner acceptable to the LFUCG. Payment for those goods and services shall not be unreasonably withheld.

13. **Assignment of Contract:** The contractor shall not assign or subcontract any portion of the Contract without the express written consent of LFUCG. Any purported assignment or subcontract in violation hereof shall be void. It is expressly acknowledged that LFUCG shall never be required or obligated to consent to any request for assignment or subcontract; and further that such refusal to consent can be for any or no reason, fully within the sole discretion of LFUCG.
14. **No Waiver:** No failure or delay by LFUCG in exercising any right, remedy, power or privilege hereunder, nor any single or partial exercise thereof, nor the exercise of any other right, remedy, power or privilege shall operate as a waiver hereof or thereof. No failure or delay by LFUCG in exercising any right, remedy, power or privilege under or in respect of this Contract shall affect the rights, remedies, powers or privileges of LFUCG hereunder or shall operate as a waiver thereof.
15. **Authority to do Business:** The Respondent must be a duly organized and authorized to do business under the laws of Kentucky. Respondent must be in good standing and have full legal capacity to provide the services specified under this Contract. The Respondent must have all necessary right and lawful authority to enter into this Contract for the full term hereof and that proper corporate or other action has been duly taken authorizing the Respondent to enter into this Contract. The Respondent will provide LFUCG with a copy of a corporate resolution authorizing this action and a letter from an attorney confirming that the proposer is authorized to do business in the State of Kentucky if requested. All proposals must

be signed by a duly authorized officer, agent or employee of the Respondent.

16. **Governing Law:** This Contract shall be governed by and construed in accordance with the laws of the Commonwealth of Kentucky. In the event of any proceedings regarding this Contract, the Parties agree that the venue shall be the Fayette County Circuit Court or the U.S. District Court for the Eastern District of Kentucky, Lexington Division. All parties expressly consent to personal jurisdiction and venue in such Court for the limited and sole purpose of proceedings relating to this Contract or any rights or obligations arising thereunder. Service of process may be accomplished by following the procedures prescribed by law.
17. **Ability to Meet Obligations:** Respondent affirmatively states that there are no actions, suits or proceedings of any kind pending against Respondent or, to the knowledge of the Respondent, threatened against the Respondent before or by any court, governmental body or agency or other tribunal or authority which would, if adversely determined, have a materially adverse effect on the authority or ability of Respondent to perform its obligations under this Contract, or which question the legality, validity or enforceability hereof or thereof.
18. Contractor understands and agrees that its employees, agents, or subcontractors are not employees of LFUCG for any purpose whatsoever. Contractor is an independent contractor at all times during the performance of the services specified.
19. If any term or provision of this Contract shall be found to be illegal or unenforceable, the remainder of the contract shall remain in full force and such term or provision shall be deemed stricken.
20. Contractor [or Vendor or Vendor's Employees] will not appropriate or make use of the Lexington-Fayette Urban County Government (LFUCG) name or any of its trade or service marks or property (including but not limited to any logo or seal), in any promotion, endorsement, advertisement, testimonial or similar use without the prior written consent of the government. If such consent is granted LFUCG reserves the unilateral right, in its sole discretion, to immediately terminate and revoke such use for any reason whatsoever. Contractor agrees that it shall cease and desist from any unauthorized use immediately upon being notified by LFUCG.



Signature

04/23/2026

Date

**RISK MANAGEMENT PROVISIONS
INSURANCE AND INDEMNIFICATION**

INDEMNIFICATION AND HOLD HARMLESS PROVISION

- (1) It is understood and agreed by the parties that Contractor hereby assumes the entire responsibility and liability for any and all damages to persons or property caused by or resulting from or arising out of any act or omission on the part of Contractor or its employees, agents, servants, owners, principals, licensees, assigns or subcontractors of any tier (hereinafter "CONTRACTOR") under or in connection with this agreement and/or the provision of goods or services and the performance or failure to perform any work required thereby.
- (2) CONTRACTOR shall indemnify, save, hold harmless and defend the Lexington-Fayette Urban County Government and its elected and appointed officials, employees, agents, volunteers, and successors in interest (hereinafter "LFUCG") from and against all liability, damages, and losses, including but not limited to, demands, claims, obligations, causes of action, judgments, penalties, fines, liens, costs, expenses, interest, defense costs and reasonable attorney's fees that are in any way incidental to or connected with, or that arise or are alleged to have arisen, directly or indirectly, from or by CONTRACTOR's performance or breach of the agreement and/or the provision of goods or services provided that: (a) it is attributable to personal injury, bodily injury, sickness, or death, or to injury to or destruction of property (including the loss of use resulting therefrom), or to or from the negligent acts, errors or omissions or willful misconduct of the CONTRACTOR; and (b) not caused solely by the active negligence or willful misconduct of LFUCG.
- (3) In the event LFUCG is alleged to be liable based upon the above, CONTRACTOR shall defend such allegations and shall bear all costs, fees and expenses of such defense, including but not limited to, all reasonable attorneys' fees and expenses, court costs, and expert witness fees and expenses, using attorneys approved in writing by LFUCG, which approval shall not be unreasonably withheld.
- (4) These provisions shall in no way be limited by any financial responsibility or insurance requirements, and shall survive the termination of this agreement.
- (5) LFUCG is a political subdivision of the Commonwealth of Kentucky. CONTRACTOR acknowledges and agrees that LFUCG is unable to provide indemnity or otherwise save, hold harmless, or defend the CONTRACTOR in any manner.
- (6) Notwithstanding, the foregoing with respect to any professional services performed by CONTRACTOR hereunder (and to the fullest extent permitted by law), CONTRACTOR shall indemnify, save, hold harmless and defend LFUCG from and against any and all liability, damages and losses, including but not limited to, demands, claims, obligations, causes of action, judgments, penalties, fines, liens, costs, expenses, interest, defense costs and reasonable attorney's fees, for any damage due to death or injury to any person or injury to any property (including the loss of use resulting therefrom) to the extent arising out of, pertaining to or relating to the negligence, recklessness or willful misconduct of CONTRACTOR in the performance of this agreement.

FINANCIAL RESPONSIBILITY

BIDDER/CONTRACTOR understands and agrees that it shall demonstrate the ability to assure compliance with the above Indemnity provisions and these other risk management provisions prior to final acceptance of its bid and the commencement of any work or provision of goods.

INSURANCE REQUIREMENTS

YOUR ATTENTION IS DIRECTED TO THE INSURANCE REQUIREMENTS BELOW, AND YOU MAY NEED TO CONFER WITH YOUR INSURANCE AGENTS, BROKERS, OR CARRIERS TO DETERMINE IN ADVANCE OF SUBMISSION OF A RESPONSE THE AVAILABILITY OF THE INSURANCE COVERAGES AND ENDORSEMENTS REQUIRED HEREIN. IF YOU FAIL TO COMPLY WITH THE INSURANCE REQUIREMENTS BELOW, YOU MAY BE DISQUALIFIED FROM AWARD OF THE CONTRACT.

Required Insurance Coverage

BIDDER/CONTRACTOR shall procure and maintain for the duration of this contract the following or equivalent insurance policies at no less than the limits shown below and cause its subcontractors to maintain similar insurance with limits acceptable to LFUCG in order to protect LFUCG against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by CONTRACTOR. The cost of such insurance shall be included in any bid:

<u>Coverage</u>	<u>Limits</u>
General Liability (Insurance Services Office Form CG 00 01)	\$1 million per occurrence, \$2 million aggregate or \$2 million combined single limit
Auto Liability	\$1 million per occurrence
Worker's Compensation	Statutory
Employer's Liability	\$100K
Professional (E&O) Liability	\$1 million per claim

The policies above shall contain the following conditions:

- a. All Certificates of Insurance forms used by the insurance carrier shall be properly filed and approved by the Department of Insurance for the Commonwealth of Kentucky (DOI). LFUCG shall be named as an additional insured in the General Liability Policy and Commercial Automobile Liability Policy using the Kentucky DOI approved forms.
- b. The General Liability Policy shall be primary to any insurance or self-insurance retained by LFUCG.
- c. LFUCG shall be provided at least 30 days advance written notice via certified mail, return receipt requested, in the event any of the required policies are canceled or non-renewed.
- d. Said coverage shall be written by insurers acceptable to LFUCG and shall be in a form acceptable to LFUCG. Insurance placed with insurers with a rating classification of no less than Excellent (A or A-) and a financial size category of no less than VIII, as defined by the most current Best's Key Rating Guide shall be deemed automatically acceptable.

Renewals

After insurance has been approved by LFUCG, evidence of renewal of an expiring policy must be submitted to LFUCG, and may be submitted on a manually signed renewal endorsement form. If the policy or carrier has changed, however, new evidence of coverage must be submitted in accordance with these Insurance Requirements.

Deductibles and Self-Insured Programs

IF YOU INTEND TO SUBMIT A SELF-INSURANCE PLAN IT MUST BE FORWARDED TO LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT, DIVISION OF RISK MANAGEMENT, 200 EAST MAIN STREET, LEXINGTON, KENTUCKY 40507 NO LATER THAN A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO THE RESPONSE DATE. Self-insurance programs, deductibles, and self-insured retentions in insurance policies are subject to separate approval by Lexington-Fayette Urban County Government's Division of Risk Management, upon review of evidence of BIDDER/CONTRACTOR's financial capacity to respond to claims. Any such programs or retentions must provide LFUCG with at least the same protection from liability and defense of suits as would be afforded by first-dollar insurance coverage

Safety and Loss Control

CONTRACTOR shall comply with all applicable federal, state, and local safety standards related to the performance of its works or services under this Agreement and take necessary action to protect the life, health and safety and property of all of its personnel on the job site, the public, and LFUCG.

Verification of Coverage

BIDDER/CONTRACTOR agrees to furnish LFUCG with all applicable Certificates of Insurance signed by a person authorized by the insurer to bind coverage on its behalf prior to final award, and if requested, shall provide LFUCG copies of all insurance policies, including all endorsements.

Right to Review, Audit and Inspect

CONTRACTOR understands and agrees that LFUCG may review, audit and inspect any and all of its records and operations to insure compliance with these Insurance Requirements.

DEFAULT

BIDDER/CONTRACTOR understands and agrees that the failure to comply with any of these insurance, safety, or loss control provisions shall constitute default and that LFUCG may elect at its option any single remedy or penalty or any combination of remedies and penalties, as available, including but not limited to purchasing insurance and charging BIDDER/CONTRACTOR for any such insurance premiums purchased, or suspending or terminating the work.

SCOPE OF WORK

Location

498 Georgetown St, Black & Williams Gymnasium

Introduction

LFUCG is soliciting proposals from qualified solar PV providers to design and install a ballasted solar photovoltaic system at the Black & Williams Gymnasium. Respondents must demonstrate experience designing, planning, permitting and constructing complete solar electric systems in the jurisdiction of the local utility provider.

An award under this RFP will be made to the respondent with the overall best value proposal, not necessarily the lowest price. Proposals will be evaluated and scored based on the evaluation criteria defined herein.

System Requirements

Total capacity of the system shall not exceed 12 kW-dc.

Ballast block shall conform to ASTM C90 and ASTM C1884.

Clearance around the roof gutter shall be no less than four (4) inches. Refer to **Figure 01**.

The installed system shall not invalidate the existing GENFLEX roof warranty. Required modifications shall be performed by a GENFLEX approved roofing contractor, including all documentation and any necessary inspections. Refer to attached files **Overburden.pdf** and **RoofWarranty.pdf**

All components shall be UL listed for their designed use. Construction must comply with current adopted building codes, which includes: International Building Code, National Electric Code, and National Fire Code.

Modules shall be UL1703 or UL61730 listed with a product warranty of at least 12 years and a performance warranty of no less than 82% after 25 years.

Inverters shall be UL1741 listed with a product warranty of at least 10 years and a weighted efficiency of 96% or higher.

The proposed model numbers for modules and inverters shall be listed by the California Energy Commission (CEC). Lists are available at the CEC website:

<https://www.energy.ca.gov/programs-and-topics/programs/solar-equipment-lists>

The system shall include a Web-based monitoring interface to display solar performance information. At a minimum, the interface must show the status of each module and inverter(s) and allow the download of aggregate power data in increments not greater than one hour. The interface shall be provided at no cost to LFUCG for a period of at least three (3) years.

No cables shall contact the roof surface. Racking solutions shall include raceways for DC wire management. All cable ties shall be made of polyvinylidene fluoride (PVDF) with a rated service life of at least 25 years.

Exterior conduit shall be liquid tight and any flexible lengths shall not exceed 24 inches.

Contractor Requirements

--- Prior to Construction

The Contractor is responsible for all permitting related to the design and installation of the system, including interconnection agreements with the utility.

Contractor shall submit to LFUCG the roofing contractor's proposal for maintaining the roof warranty, including specifications for related components, e.g. ballast material, slip sheets, etc.

The Contractor shall provide dimensional drawings and technical specifications of the proposed system. The information must establish the physical layout of the system components relative to the building and document electrical conductor sizing and module capacity.

The Contractor shall provide a load analysis for the ballasted system along with a letter, bearing a Kentucky Professional Engineer stamp of a structural engineer, verifying the integrity of the existing facility to handle the additional loads of proposed PV system.

The Contractor is responsible for verifying information obtained from Owner's construction drawings.

The Contractor is responsible for documenting the condition of the roof and, specifically, any damages that exist prior to construction.

--- During Construction

Under no circumstances shall the Contractor disable electrical service to the building or secondary circuits within the building without authorization from LFUCG.

Under no circumstances shall the Contractor obstruct access to the facility or driveways.

The Contractor is responsible for the construction safety plan to include, at a minimum, all applicable OSHA workplace safety and Personal Protective Equipment (PPE) requirements.

The Contractor shall utilize an approved GENFLEX roofing contractor to perform all necessary modifications to the roof to preserve the existing roof guarantee.

The Contractor is responsible for establishing communication between the inverter and the internet using an Ethernet cable, at the direction of LFUCG Information Technology.

The Contractor shall achieve substantial completion within 75 calendar days of Notice to Proceed. Substantial Completion is defined as LFUCG having beneficial use of the photovoltaic system.

The Contractor shall notify LFUCG of any changes relative to the bid proposal. Such “change order” requests must be accepted by LFUCG in writing prior to installation. Changes made by the Contractor without acceptance are at risk to the Contractor.

--- After Construction

As a condition of full payment, the Contractor shall provide to LFUCG the following deliverables in PDF format:

- List of warranty expiration dates of all components under warranty,
- Operations and maintenance manual,
- As-built electrical drawings, and
- As-built solar performance model, and
- Roof Warranty documentation.

After 30 days of operation, the Contractor shall review generation data and provide a report to LFUCG to affirm that system output is meeting expectations.

Workmanship Warranty: the Contractor shall perform an on-site inspection prior to the expiration of workmanship warranty, if requested by LFUCG.

Design Guidance

A nominal 11.8 KW-dc system is shown in **Figure 01**.

The height of the parapet is approximately 12 to 18 inches.

Unless otherwise noted in the proposal, the conduit run and location of electrical components must conform to **Figure 02**.

208 volt, 3-phase electrical service is provided by Kentucky Utilities. 15-minute interval data is available in attached file **Usage_15min.csv**

Partial record drawings are available in the file **Drawings.pdf**.

Proposal Format

// Respondents are strongly encouraged to provide all information requested as reviewers may deduct points for missing material //

Company Profile

Company name:

Company address:

Year established:

Number full time employees:

Elaborate on company’s focus on solar with respect to other services and company’s impact and presence in Lexington: *{Response}*

Project Experience

Specific to solar PV systems installed by the company in calendar year 2024,

What was the total number of systems installed?
What was the total installed capacity in KW?

Describe your experience with project permitting and interconnection experience with LGE-KU:
{Response}

Attach two (2) references of applicable projects within LGE-KU service territory including a brief description of the PV system installed.

Project Team

Provide work experience and relevant professional certifications (electrical license, P.E., NABCEP, etc.) for:

- (A) Person responsible for the system design,
- (B) Person to oversee installation.

If sub-contractors will be used, describe the work to be performed and quantify as a percentage of project cost: {Response}

Technical Approach

Include as attachments the following items:

- PV module specifications
- Inverter specifications
- Optimizer specifications (if utilized)
- Racking specifications
- For ballasted systems, load analysis documenting the geometry of the system relative to the roof and the weight of individual components. The analysis must specify the design criteria (e.g. snow, wind, seismic) used to determine the distributed load of the system
- Line diagram for dc/ac wiring showing component path from modules to point of interconnection
- Software modeling report quantifying expected monthly output (kWh) and monthly peak generation (kW)

Price Proposal

Complete and sign the PRICE PROPOSAL FORM included within this solicitation to determine a lump sum price to complete the scope of work, inclusive of overhead and profit.

The Owner Allowance is exclusively for LFUCG-directed work beyond the proposal. Reimbursements for allowance work shall be authorized by LFUCG in advance and in writing to the Contractor.

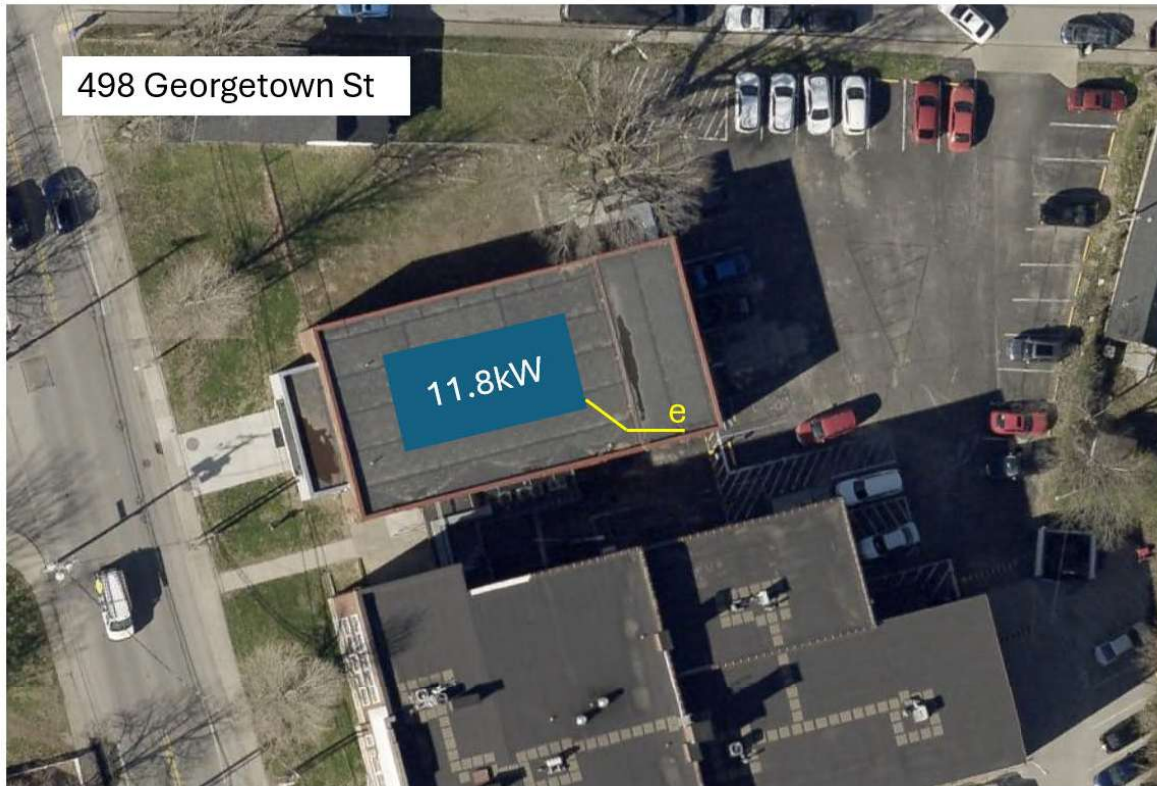
Exclusions

Any exclusions to the requirements herein must be specifically identified in this section.
{Response}

Evaluation Criteria

LFUCG will evaluate proposals according to the evaluation criteria below. Points will be awarded based on the relative merit of the information provided in the response to the solicitation.

Company Profile / Experience	15 points
Project Team	15 points
Technical Approach	30 points
Price Proposal	40 points
TOTAL	100 points



498 Georgetown St

11.8kW

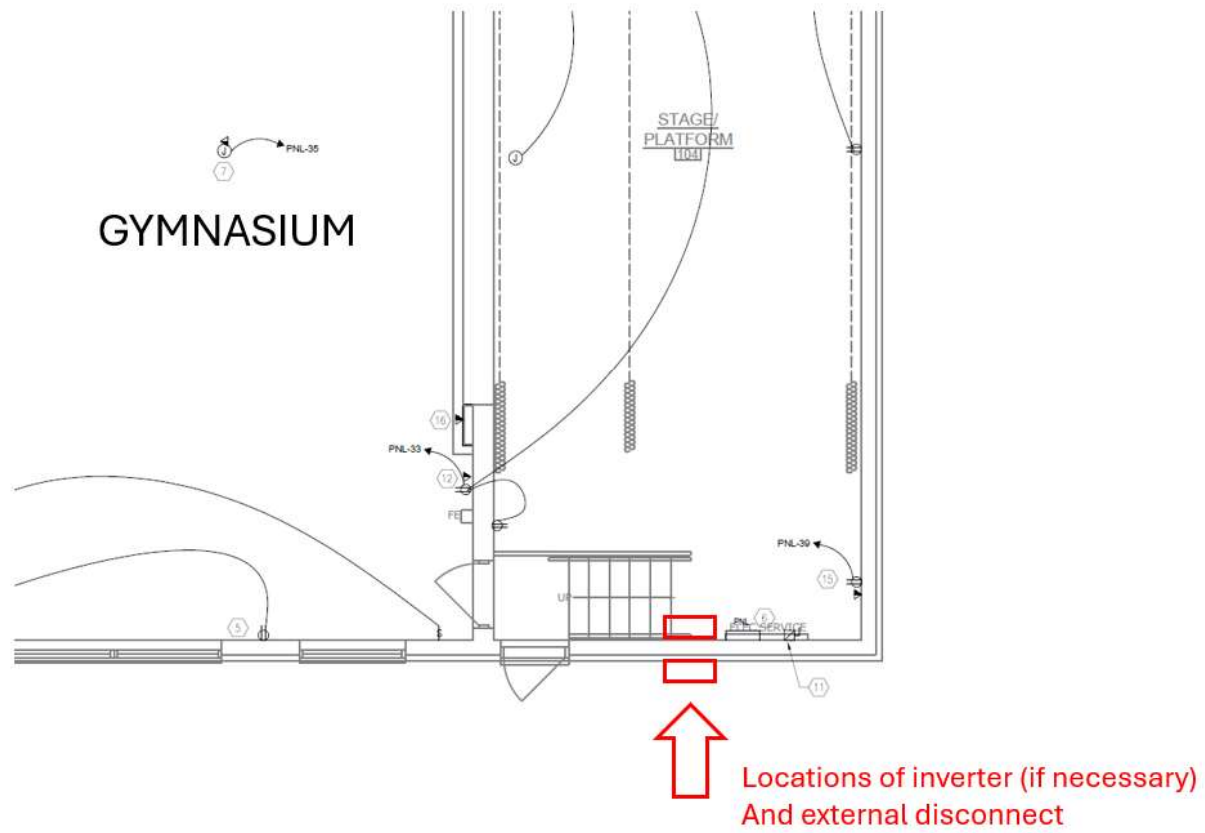
e



Conduit:
Avoid center of building
4" MIN clearance around gutter

Nominal Array:
Qty 20 x 590W modules

Figure 01



Locations of inverter (if necessary)
And external disconnect

Figure 02



**Figure 03
Supplemental**

RFP 21-2026 Price Proposal Form Solar PV Installation

498 Georgetown St, Black & Williams Gymnasium	
Array Modules	\$ 4573.68
Inverter(s) & Monitoring System	\$ 4660.72
Electrical Wiring Materials (Includes conduit, disconnect, BOS)	\$ 2160.35
Racking & Ballast Materials	\$ 8129.45
Labor	\$ 13665.55
Structural Verification Letter	\$ Included with Labor/overhead
Other w/ Description	\$
Owner Allowance (mandatory)	\$2,000
TOTAL	\$ 35189.75

Nick Bowman

Printed Name of Authorized Representative

Estimating and Proposal Manager

Title of Authorized Representative

Nick Bowman

Signature of Authorized Representative



Overburden Waiver

THIS FORM MAY ONLY BE SIGNED BY THE BUILDING OWNER

Project Name: _____

Project #: _____

Installing Contractor: _____

License No: _____

Description of Overburden (Vegetative System, Photovoltaic (PV) system, etc.): _____

Overburden is defined as any above-membrane material, temporary or permanent, which requires removal prior to investigation or repair of a suspected roof leak (excluding stone or pavers used as ballast in a Ballasted Roofing System Assembly). This document must be signed and submitted for a warranty to be issued (if Overburden is added prior to the issuance of the warranty) or remain in good standing (if Overburden is added after the issuance of the warranty).

1. I agree to remove and replace any Overburden, at my expense, in order to provide access to the warranted roof system for the investigation or repair of a suspected roof leak.
2. Should damage occur to the roof system during the installation, removal, or replacement of the Overburden, I agree to pay the repair costs necessary to restore the roof system to a warrantable condition as determined by Amrize Building Envelope.
3. All electricity connected with a PV system will be rendered safe (no electricity to, from, or within the PV system), at my expense, prior to investigation and repair of a suspected roof leak.
4. I understand the warranty does not include removal, replacement, or repair of the Overburden material, and that Amrize is not responsible or liable for the appearance or performance of any new Overburden materials which are installed following the investigation or repair of a suspected roof leak. I further understand that Amrize is not responsible for any loss which I may incur resulting from rendering safe all electricity connected with a PV system.

Name: _____
Building Owner

Building Owner Signature _____

Date: _____

This Overburden Waiver supersedes all previous versions. Only the documents, processes, and policies contained in this version will be accepted by Amrize Building Envelope. Amrize Building Envelope is an operating division of Amrize Building Envelope LLC ("Amrize"); any disclaimers by Amrize Building Envelope in this Overburden Waiver also apply to Amrize Building Envelope LLC.

SUBMIT THIS FORM TO:

**Amrize Building Envelope
ATTN: Warranty Claims Department
26 Century Boulevard Suite 205
Nashville, TN 37214**

Or via email to: warrantyservices-be@amrize.com



WARRANTY CONTRACT SUMMARY

Warranty No: 700469227

Project No: 4522492

Start Date: 11/26/2024

Issue Date: 11/27/2024

Building Identification: Black and Williams

Building Address: 498 Georgetown St, Lexington, KY 40508-1163

Building Owner: LFUCG

Roofing Contractor: Semper Fi Roofing , LLC, 40014268

ROOF TOP

GenFlex Roofing System - EPDM - 20 Year - 72 mph

Square Footage: 6,000

**THIS WARRANTY INSTRUMENT CONSISTS OF MULTIPLE PAGES, ALL OF WHICH ARE PART OF THIS DOCUMENT.
ADDITIONAL REQUIREMENTS ARE DEFINED ON SUBSEQUENT PAGES.**

Page 1 of 3

2002.001.2024



GENERAL TERMS, CONDITIONS, AND LIMITATIONS

Warranty No: 700469227

Project No: 4522492

Start Date: 11/26/2024

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Building Identification: Black and Williams

Building Address: 498 Georgetown St, Lexington, KY 40508-1163

Building Owner: LFUCG

Installing Contractor: Semper Fi Roofing , LLC, 40014268

Subject to the terms, conditions, and limitations set forth herein, Holcim Solutions and Products US, LLC, an Indiana limited liability company ("Holcim"), provides the Building Owner ("Owner") named above with this Limited Warranty for the Holcim provided GenFlex System(s) or Material(s) set forth herein. This Warranty consists of multiple pages, all of which comprise the express terms and conditions of the warranty herein. Additional requirement, terms, conditions, exceptions, and limitations are defined in subsequent pages. In the event that any inconsistencies exist between the General Terms, Conditions, and Limitations listed below and the Terms, Conditions, and Limitations in subsequent pages, the subsequent pages will prevail.

GENERAL TERMS, CONDITIONS, AND LIMITATIONS

Payment Required. Holcim shall have no obligation under this Limited Warranty unless and until Holcim and the licensed GenFlex applicator have been paid in full for all materials, supplies, services, approved written change orders, warranty costs and other costs which are included in, or incidental to, the System or Materials. In the event that repairs not covered by this Limited Warranty are necessary in the future, Holcim reserves the right to suspend this Limited Warranty until such repairs have been completed and the licensed GenFlex applicator and/or Holcim has been paid in full for such repairs.

Exclusions. Holcim shall have no obligation under this Limited Warranty, or any other liability, now or in the future if a claim or damage is caused by: Natural forces, disasters, or acts of God including, but not limited to, fires, hurricanes, tornadoes, downbursts, wind-blown debris, lightning, earthquakes, volcanic activity, atomic radiation, insects or animals; Act(s), conduct or omission(s) by any person, or act(s) of war, terrorism or vandalism, which damage the System or Material or which impair the System or Material's ability to perform properly; Failure by the Owner to use reasonable care in maintaining the System or Material, said maintenance to include, but not be limited to, those items listed in the current version of the GenFlex Building Owner's Manual available at www.genflex.com; Deterioration, defects or failure of building components, including, but not limited to, the substrates, structural elements, walls, mortar, HVAC units, skylights, foundation settlement, etc.; Construction generated moisture, condensation or infiltration of moisture in, from, through, or around the walls, copings, rooftop hardware or equipment, skylights, building structure or underlying or surrounding materials; Acid, oil, harmful chemicals, or the reaction between them; Alterations or repairs to the System or Materials that are not completed in accordance with Holcim's published specifications, not completed by a licensed GenFlex applicator, and/or completed without proper notice to Holcim; The design of the system: Holcim does not undertake any analysis of the architecture or engineering required to evaluate what type of System, Installation or Material is appropriate for a building and makes no warranty express or implied as to the suitability of its Products for any particular structure; such a determination is the responsibility of the architect, engineer or design professional; Improper selection of materials for the assembly or the failure to accurately calculate wind uplift and/or applicable design loads; Deterioration to metal materials and accessories caused by marine salt water, atmosphere, or by regular spray of either salt or fresh water; Failure of any non-GenFlex brand materials used in the GenFlex System or Installation not specifically accepted in writing by Holcim to be included in coverage; Change in building use or purpose; Failure by the licensed GenFlex applicator or any additional contractor or subcontractor to follow Holcim's recommended installation instructions or approved specifications or drawings for the layout, design and installation of the System or Materials. It shall be the licensed GenFlex applicator's sole and exclusive responsibility to strictly follow Holcim's recommended installation instructions or approved specifications or drawings for the layout, design and installation of the System or Materials; or, Failure to correct all installation deficiencies listed in any Holcim inspection report.

Overburden. Owner shall be responsible for the costs associated with the removal and replacement, as well as any damage caused by the removal and replacement, of any overburden, superstrata or overlays, either permanent or temporary, which include but are not limited to: structures or assemblies added after installation, fixtures or utilities on or through the System or Material, support platforms or bases for Photovoltaic (PV) Arrays (aka - Solar Panels), Garden Roofs, Decks, Patios or any other obstacles that impede access, clear observation, investigation, and repair of the System or Materials, excluding ballast or pavers accepted by Holcim or overburden specifically included in subsequent pages of this Warranty.

Term. The term of this Limited Warranty shall be for the period set forth above and in subsequent pages of this document and shall not be extended under any circumstances without Holcim's written approval.

Access. During the term of this Limited Warranty, Holcim's employees or designees shall have free access to the building for inspection, audit, or repair purposes during regular business hours. In the event that access is limited due to security or other restrictions, Owner shall reimburse Holcim for all reasonable cost incurred during inspection and/or repair of the System or Material that are due to delays associated with said restrictions.

Waiver & Severability. Holcim's failure to enforce any of the terms or conditions stated herein shall not be construed as a waiver of such provision or of any other terms and conditions of this Limited Warranty. If any portion of this Limited Warranty is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions shall nevertheless continue in full force to the fullest extent permitted by law.

Disputes. Any dispute, controversy, or claim between Owner and Holcim concerning this Limited Warranty or relating to any material(s) supplied by or required by Holcim shall be submitted to mediation in Davidson County, Tennessee. In the event that Owner and Holcim do not resolve the dispute, controversy, or claim in mediation, Owner and Holcim agree that neither party will commence or prosecute any suit, proceeding, or claim other than in the state and federal courts in Davidson County, Tennessee. Each party irrevocably consents to the jurisdiction and venue of the above-identified courts. Owner hereby releases Holcim from all liability to Owner's insurance carrier or to anyone claiming under or through Owner by reason of subrogation or otherwise.

Governing Law. This Limited Warranty shall be governed by and construed in accordance with the laws of the state of Tennessee without regard to its rules on conflicts of laws.

HOLCIM DOES NOT WARRANT PRODUCTS INCORPORATED OR UTILIZED IN THIS INSTALLATION THAT WERE NOT FURNISHED BY HOLCIM. HOLCIM SPECIFICALLY DISCLAIMS LIABILITY UNDER ANY THEORY OF LAW ARISING OUT OF THE INSTALLATION OF, PERFORMANCE OF, OR DAMAGES SUSTAINED BY OR CAUSED BY, PRODUCTS NOT FURNISHED BY HOLCIM. THIS LIMITED WARRANTY SUPERSEDES AND IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND HOLCIM HEREBY DISCLAIMS ALL SUCH WARRANTIES. THIS LIMITED WARRANTY SHALL BE OWNER'S SOLE AND EXCLUSIVE REMEDY AGAINST HOLCIM AND HOLCIM SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, SPECIAL, INCIDENTAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR DAMAGES TO THE BUILDING OR ITS CONTENTS, SUBSTRATES, OR THE ROOF DECK. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. THIS LIMITED WARRANTY CANNOT BE AMENDED, ALTERED OR MODIFIED IN ANY WAY EXCEPT IN WRITING SIGNED BY AN AUTHORIZED OFFICER OF HOLCIM. NO OTHER PERSON HAS ANY AUTHORITY TO BIND HOLCIM WITH ANY REPRESENTATION OR WARRANTY WHETHER ORAL OR WRITTEN.

**THIS WARRANTY INSTRUMENT CONSISTS OF MULTIPLE PAGES, ALL OF WHICH ARE PART OF THIS DOCUMENT.
ADDITIONAL REQUIREMENTS ARE DEFINED ON SUBSEQUENT PAGES.**

26 Century Blvd., Suite 205
Nashville, Tennessee 37214
www.genflex.com



ROOF SYSTEM LIMITED WARRANTY

Warranty No: 700469227
Project No: 4522492
Start Date: 11/26/2024
Issue Date: 11/27/2024

Building Identification: Black and Williams
Building Address: 498 Georgetown St, Lexington, KY 40508-1163
Building Owner: LFUCG
Roofing Contractor: Semper Fi Roofing , LLC, 40014268

ROOF TOP

GenFlex Roofing System - EPDM - 20 Year - 72 mph

Square Footage: 6,000

For the warranty period indicated above, Holcim Solutions and Products US, LLC, an Indiana limited liability company ("Holcim") warrants to the Building Owner ("Owner") named above that Holcim will, subject to the Terms, Conditions and Limitations set forth below, provide labor and material to repair any leak in the GenFlex Roofing System ("System") caused by deterioration in the GenFlex brand material due to normal weathering or any manufacturing or workmanship defect in the System within the scope of this warranty during the period specified above.

TERMS, CONDITIONS AND LIMITATIONS

Products Covered. The System shall mean only the GenFlex brand roofing membranes, GenFlex brand roofing insulations, GenFlex brand roofing metal, and other GenFlex brand roofing accessories when installed in accordance with Holcim technical specifications by a GenFlex-licensed applicator. Any materials not manufactured or supplied by Holcim are not covered under this warranty.

Notice. In the event any leak should occur in the System, the Owner must give notice in writing or by telephone to Holcim Warranty Services ("Warranty Services") within thirty (30) days of any occurrence of a leak. By so notifying Holcim, the Owner authorizes Holcim or its designee to investigate the cause of the leak at its option.

Investigation. Should the investigation reveal that the leak is excluded under the Terms, Conditions and Limitations, the Owner shall be responsible for payment of the investigation costs. Failure by Owner to pay for these costs shall render this Limited Warranty null and void. The Owner is responsible for completing repairs not covered by this Limited Warranty to be made at the Owner's expense that will permit this Limited Warranty to remain in effect for the un-expired portion of its term. Failure by the Owner to properly make these repairs in a reasonable manner using a GenFlex-licensed applicator and within 60 days shall render this Limited Warranty null and void.

No Dollar Limit (NDL). If upon investigation, Holcim determines that the leak is not excluded under the Terms, Conditions and Limitations set forth in this Limited Warranty, the Owner's sole and exclusive remedy and Holcim's total liability shall be limited to the repair of the leak. There is no dollar limit placed on warranted leak repairs to the extent such repairs are covered by this Limited Warranty.

Exclusions. Holcim shall have no obligation under this Limited Warranty, or any other liability, now or in the future if a claim or damage is caused by: Hail; Winds of peak gust speed at or in excess of 72 mph calculated at ten (10) meters above ground using available meteorological data (all associated building components, including but not limited to the deck substrate, joists, columns and foundation, must also meet wind speed design requirements); Roof traffic or storage of materials or equipment on theroof not specifically accepted in writing by Holcim; Damage to the roof incurred during breach, rupture or failure of any building envelope component during a flood or wind event not covered under warranty; or, Failure to give proper notice as set forth in paragraph above.

Transfer. This Limited Warranty shall be transferable and assignable subject to Owner's payment of the current transfer fee set by Holcim.

Alteration. Owner shall obtain Holcim's written approval before making any alterations to the roof system or installing any structures, fixtures, or utilities on or through the roof. This includes modification of the GenFlex roof system to serve as a support platform for Photovoltaic (PV) Arrays (aka - Solar Panels), Garden Roofs, Decks, Patios, and areas intended for public access. Roof modification approval typically requires owner sponsored enhancement of the roof system to meet additional performance requirements to ensure service life following the proposed modification. Holcim is the sole judge of whether or not enhancements to the roof system are required. Failure to obtain Holcim approval for a roof modification will result in invalidation of this warranty.

HOLCIM SOLUTIONS AND PRODUCTS US, LLC
By: Michael Huber

Authorized Signature: 

Title: Director of Warranty Services

THIS WARRANTY INSTRUMENT CONSISTS OF MULTIPLE PAGES, ALL OF WHICH ARE PART OF THIS DOCUMENT.
ADDITIONAL REQUIREMENTS ARE DEFINED ON SUBSEQUENT PAGES.

GYMNASIUM BUILDING IMPROVEMENTS BLACK & WILLIAMS NEIGHBORHOOD CENTER

498 GEORGETOWN STREET
LEXINGTON, KENTUCKY

bid #38-2023



OWNER

Lexington Fayette Urban County Government
200 E. Main Street
Lexington, Kentucky 40507
Mayor Linda Gorton

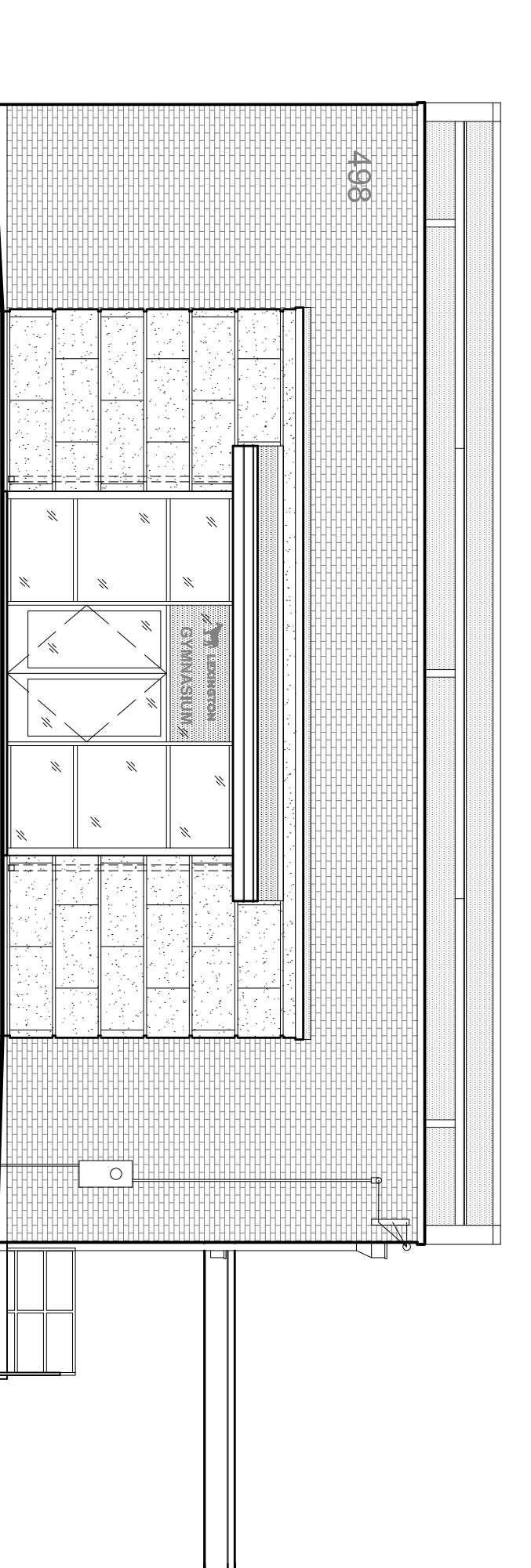
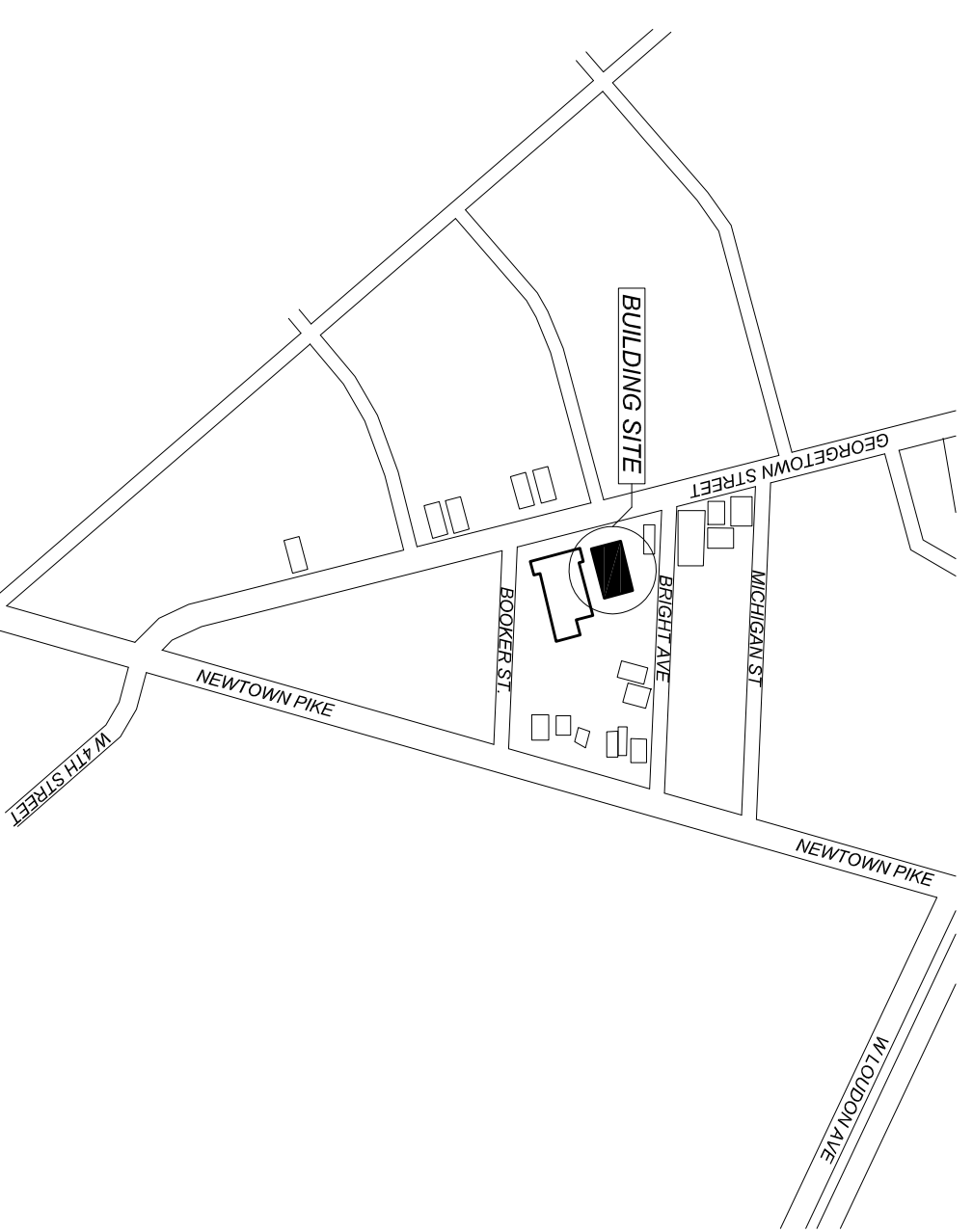
STRUCTURAL CONSULTANT

BROWN + KUBICAN, PSC.
Contact: Dan Kubican, PE
2224 Young Drive
Lexington, Kentucky 40505
(p) 859-543-0933

MECHANICAL CONSULTANT

TECHNICAL HORIZONS
Contact: Matt Ellis, PE
501 Darby Creek Road, Suite 31
Lexington, Kentucky 40509
(p) 859-263-5983

VICINITY MAP

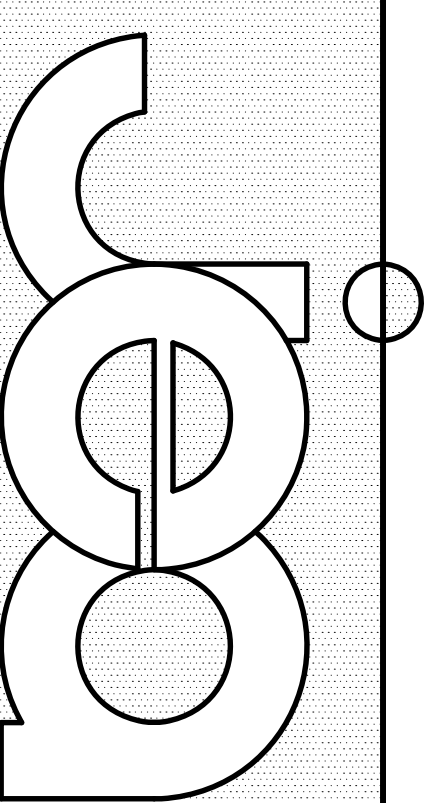


CODE INFORMATION

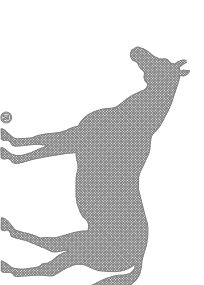
USE GROUP: A-3
CONSTRUCTION TYPE: TYPE II(B)
NO. STORIES: 1
BUILDING AREA (EXISTING): 4,983sf
RENOVATED BUILDING AREA: 4,983sf
ALLOWABLE AREA: 9,500sf
OCCUPANT LOAD: **240 TOTAL**
MULTI-PURPOSE AREA (2,883 / 15net (TABLES/CHAIRS) = 192)
STAGE PLATFORM (720 / 15net (STAGES/PLATFORMS) = 48)
NO. OF EXITS REQUIRED: 2 < 4 PROVIDED
MAX ALLOWABLE TRAVEL DISTANCE: 75' < 50' MAX ACTUAL
FIRE PROTECTION: FIRE ALARM / UNSUPPRESSED

DRAWING INDEX

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SITE DEVELOPMENT
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C2.1 SITE IMPROVEMENTS DETAILS
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A0.1 LIFE SAFETY PLAN & CODE ANALYSIS
A0.2 ACCESSIBILITY STANDARDS & DETAILS
A1.1 FLOOR PLAN
A1.2 ROOF PLAN
A2.1 REFLECTED CEILING PLAN
A3.1 EXTERIOR ELEVATIONS
A4.1 BUILDING SECTIONS
A5.1 ENLARGED PLANS & ELEVATIONS
A5.2 ENLARGED PLANS & DETAILS
A6.1 ROOM FINISH SCHEDULE, WALL TYPES, & DETAILS
A6.2 TYPICAL FRAMING DETAILS
A6.3 FINISHES FLOOR PLAN
A7.1 DOOR & FRAME SCHEDULE & WINDOW ELEVATIONS
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U1.0 SITE UTILITY PLAN
U6.0 SITE UTILITY DETAILS
U6.1 SITE UTILITY DETAILS
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M1.1 MECHANICAL - NEW WORK PLAN
M6.0 HVAC SCHEDULES & DETAILS
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P1.2 PLUMBING - NEW SANITARY PLAN
P4.0 SOIL WASTE AND VENT ISOMETRIC
P6.0 PLUMBING SCHEDULES AND DETAILS
ELECTRICAL
ED1.1 ELECTRICAL PLAN - DEMOLITION
E0.1 ELECTRICAL LEGEND & DETAILS
E1.1 ELECTRICAL - NEW POWER, SIGNAL
E2.1 ELECTRICAL - NEW LIGHTING
E3.1 ELECTRICAL - SINGLE LINE



johnson • early • architects
131 prosperous place, suite 19b • lexington, kentucky 40509
phone: 859-259-1515 • e-mail: earlyje@jeaarchitects.net • www.johnsonearlyarchitects.net



LEXINGTON

www.lexingtonky.gov

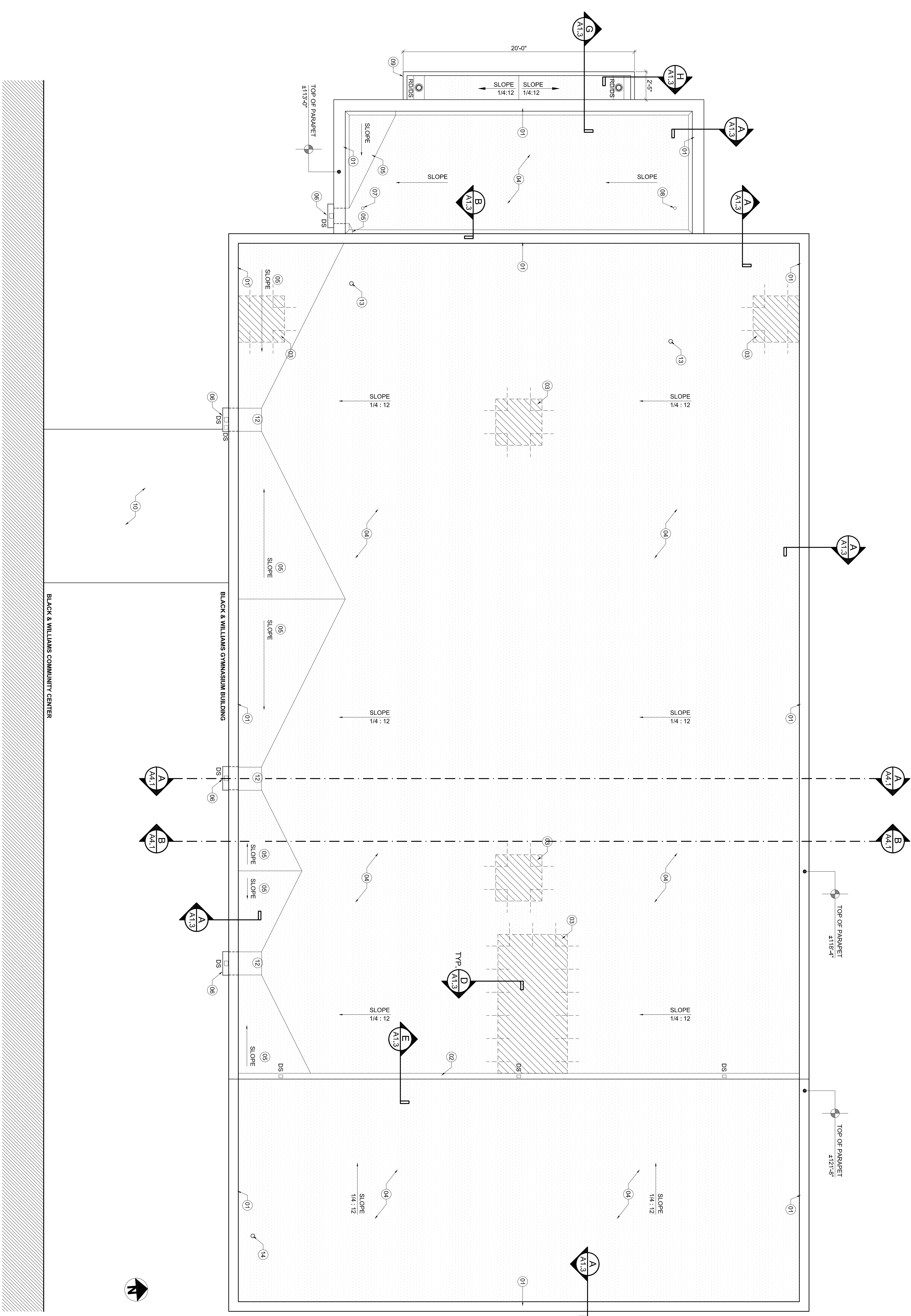
LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT
200 E. MAIN STREET - LEXINGTON, KY 40507
DIVISION OF GENERAL SERVICES
CAPITAL PROJECT MANAGEMENT
PHONE: (859) 258-3900

GENERAL NOTES:

- ALL ROOF AREAS: INSTALL NEW POLYISO ROOF INSULATION (R-25 MIN.), ON EXISTING DECK
- ALL ROOF AREAS: INSTALL TAPERED INSULATION SADDLES AS SHOWN OR AS REQ'D FOR PROPER DRAINAGE TO SCUPPERS
- ALL ROOF AREAS: INSTALL 60mil (BLACK) NON-REINFORCED EPDM FULL ADHERED ROOF SYSTEM
- REFLASH ALL EXISTING CURBS & PIPES
- REFLINE ALL EXISTING DRAINAGE SCUPPERS

ROOF NOTES:

- 01 NEW REFINISHED METAL GORING W/CONT. GLEAT OVER NEW TYPED BLOCKING @ 7.0' WALL (SEE DETAIL B/A4.1)
- 02 NEW REFINISHED METAL 24ga. 6" GUTTER AND DOWNSPOUT 4"x6" DOWNSPOUTS
- 03 REPLACE DAMAGED/MISSING PORTION OF ROOF DECK W/NEW LIGHTWEIGHT GYPSUM (THICKNESS TO MATCH EXIST.) OVER 1" CORRUGATED METAL DECK OVER 1" W.O.M. CEMENT BOARD (SEE DETAIL D/A1.3)
- 04 NEW 60mil NON-REINFORCED FULLY ADHERED EPDM ROOF MEMBRANE OVER R-25 MIN. POLYISO ROOF INSULATION
- 05 INSTALL TAPERED INSULATION ROOF CRICKET AS REQ'D TO MAINTAIN PROPER DRAINAGE TO SCUPPERS
- 06 RE-FLINE EXISTING DRAINAGE SCUPPERS W/NEW PREFINISHED STEEL COLLECTOR BOXES & 6" DOWNSPOUTS (SEE C/A1.3 & F/A1.3)
- 07 REFLASH EXISTING PLUMBING VENT PENETRATION REMOVE EXISTING PLUMBING VENT PRIOR TO INSTALLATION OF NEW ROOF SYSTEM
- 08 NEW 6" CSJ METAL STUD FRAMED ENTRY CANOPY EXISTING ROOF AREA (NO NEW WORK)
- 09 NOT USED
- 10 SUMP ROOF INSULATION DOWN TO SCUPPER OPENING. ADJUST OVERALL SUMP DIMENSIONS IN FIELD AS REQ'D.
- 11 NEW PLUMBING VENT FLASH PER ROOFING MANUFACTURER'S DETAILS
- 12 GOOSE-NECK PENETRATION THROUGH ROOF TO FACILITATE FUTURE INSTALLATION OF ROOF MOUNTED SOLAR PANELS OR OTHER ITEMS. CAP AT BOTH ENDS AND FLASH PER ROOF MANUF.
- 13
- 14



BLACK & WILLIAMS COMMUNITY CENTER

BLACK & WILLIAMS GYMNASIUM BUILDING

A1.2 ROOF PLAN - NEW WORK
SCALE: 1/4" = 1'-0"

JOSEPH B. EARLY
REGISTERED PROFESSIONAL ENGINEER
STATE OF KENTUCKY
LICENSE NO. 10087
EXPIRES 12/31/2023

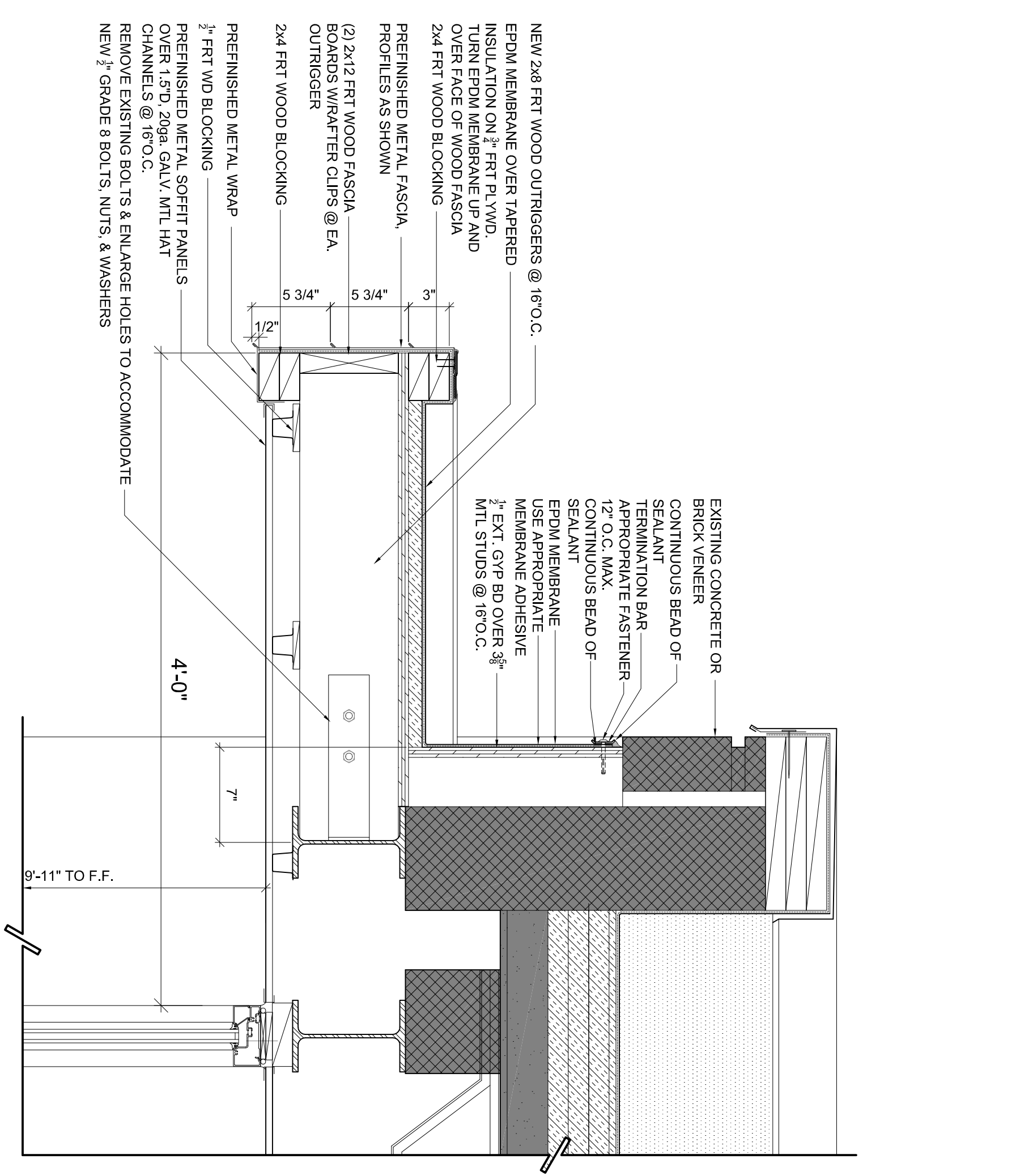
GYMNASIUM BUILDING IMPROVEMENTS
488 GEORGETOWN ST. - LEXINGTON, KENTUCKY

Johnson • early • architects
131 Prosperous place, suite 190 • Lexington, Kentucky 40509
phone: 859-259-5155 • fax: 859-251-5000 • e-mail: ea@jeha.com

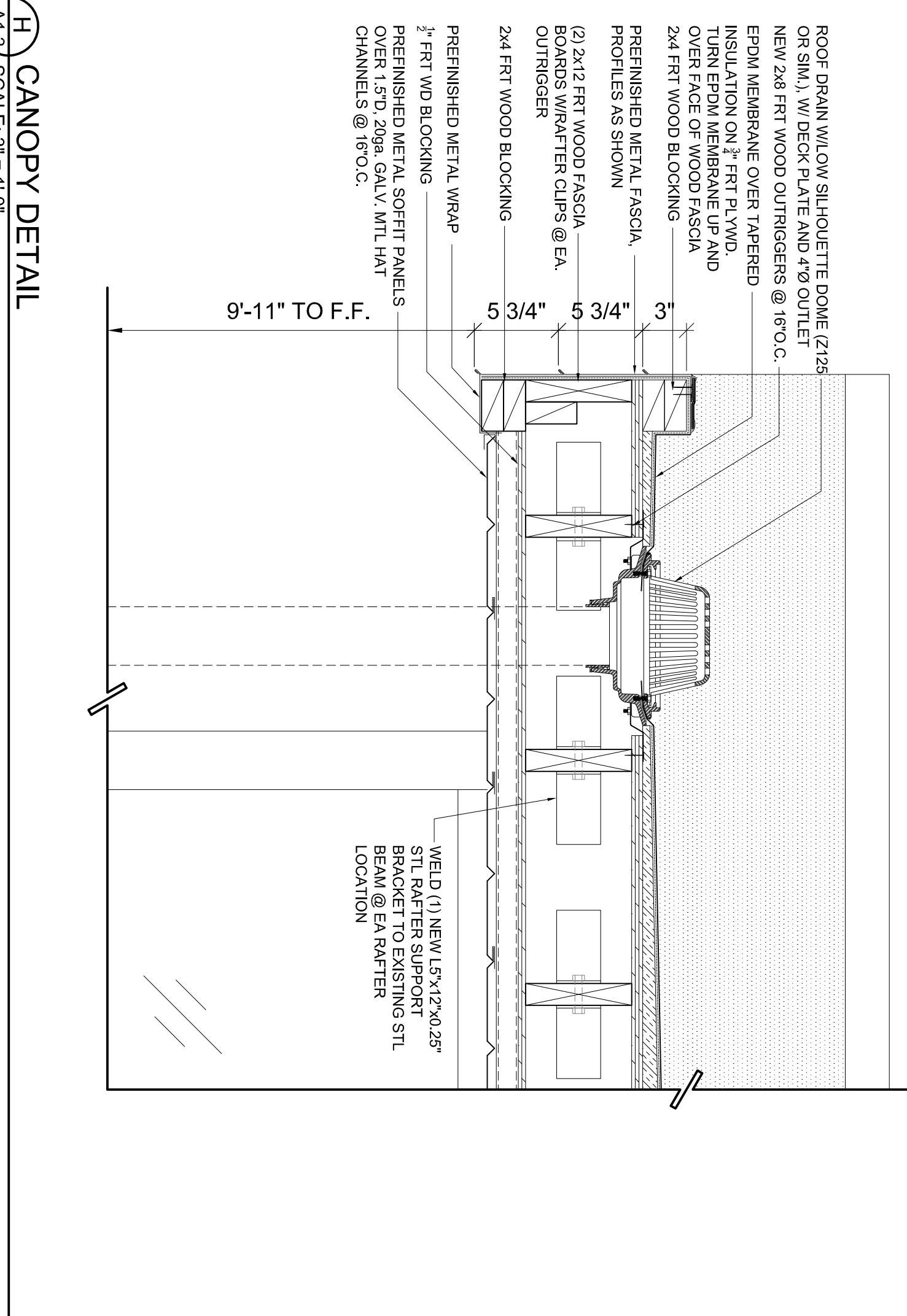
ROOF PLAN - NEW WORK

DATE: 11/20/23
DRAWN: JEB
CHECKED: JEB
REVISIONS:

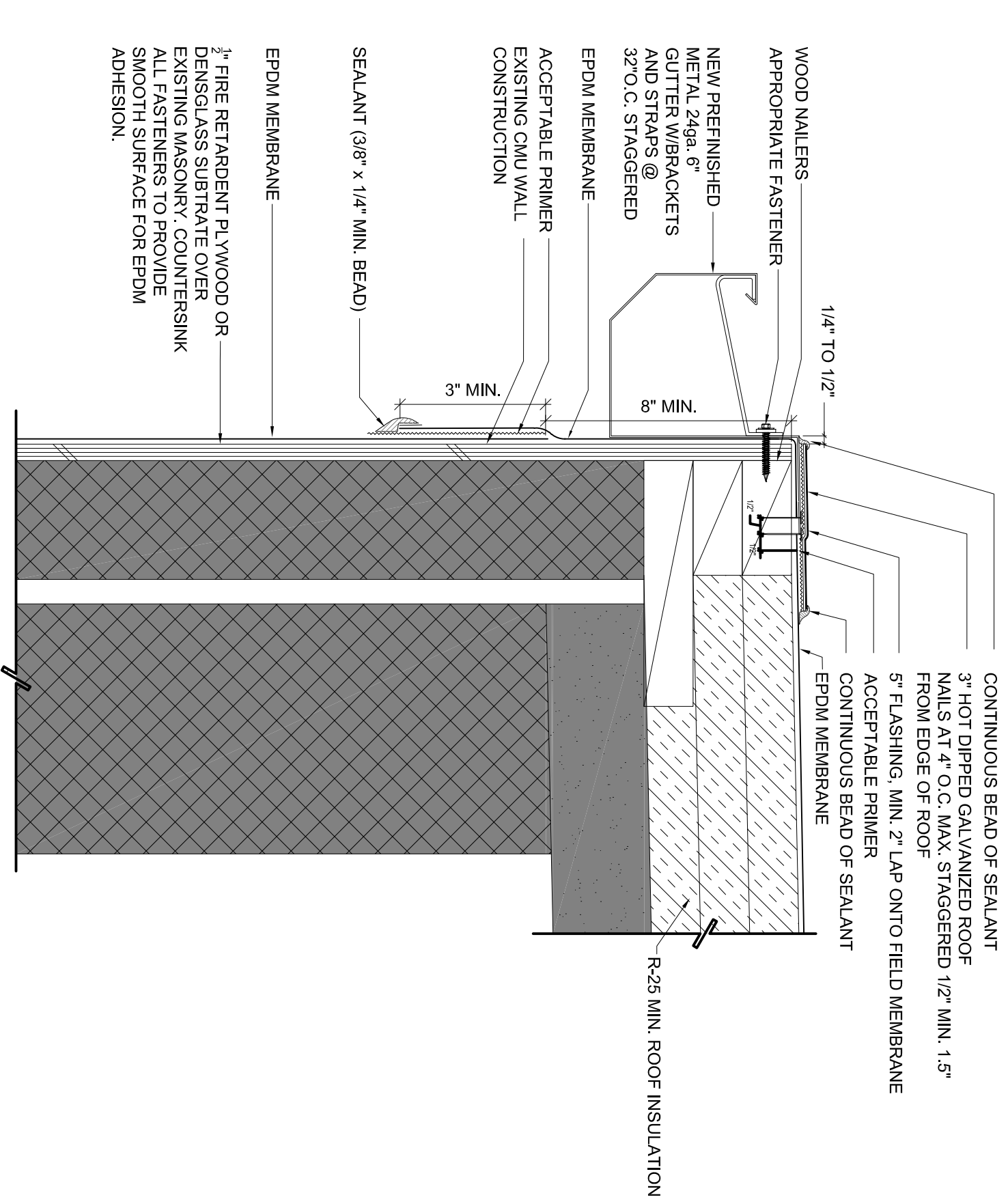
SHEET NO. **A1.2**



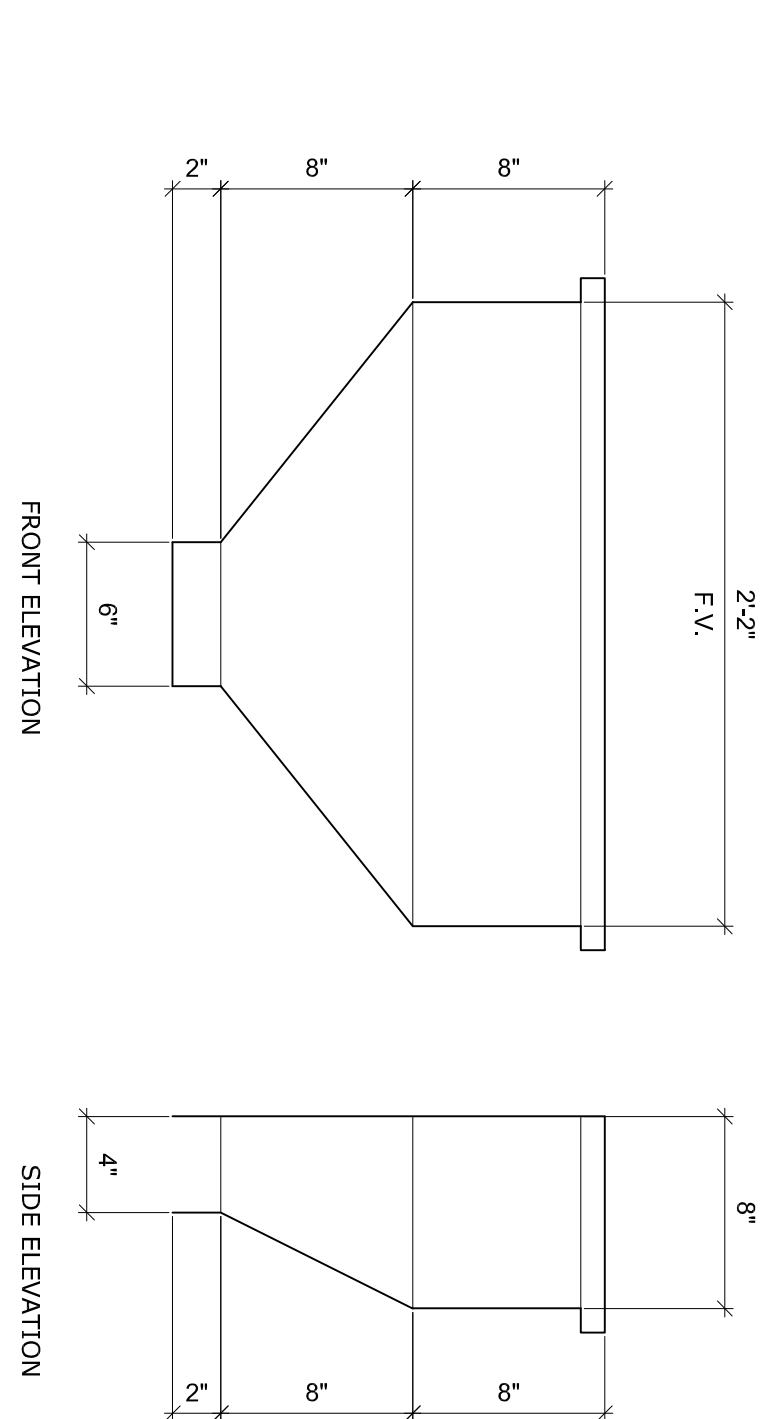
G CANOPY DETAIL
A1.3 SCALE: 3" = 1'-0"



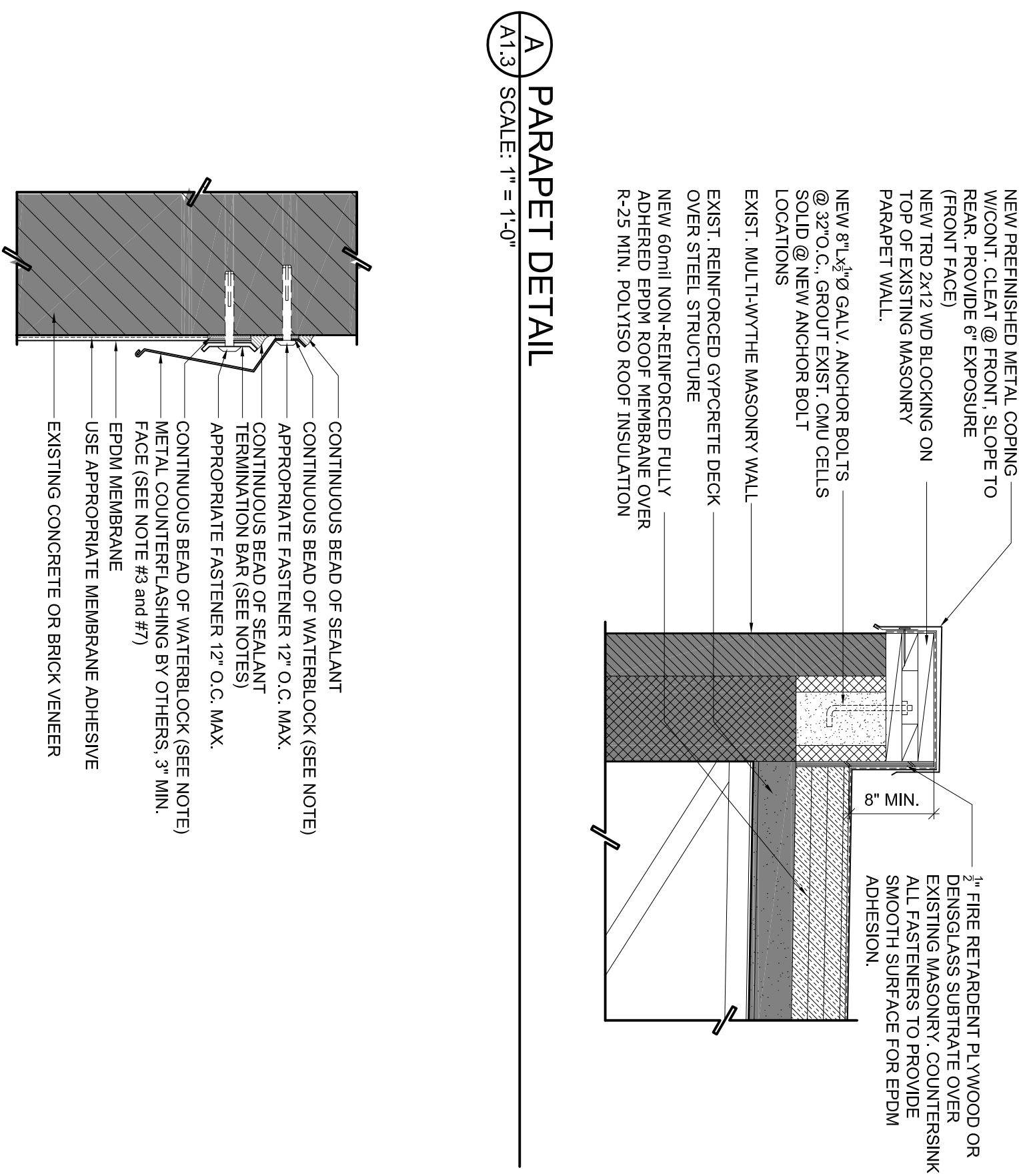
H CANOPY DETAIL
A1.3 SCALE: 3" = 1'-0"



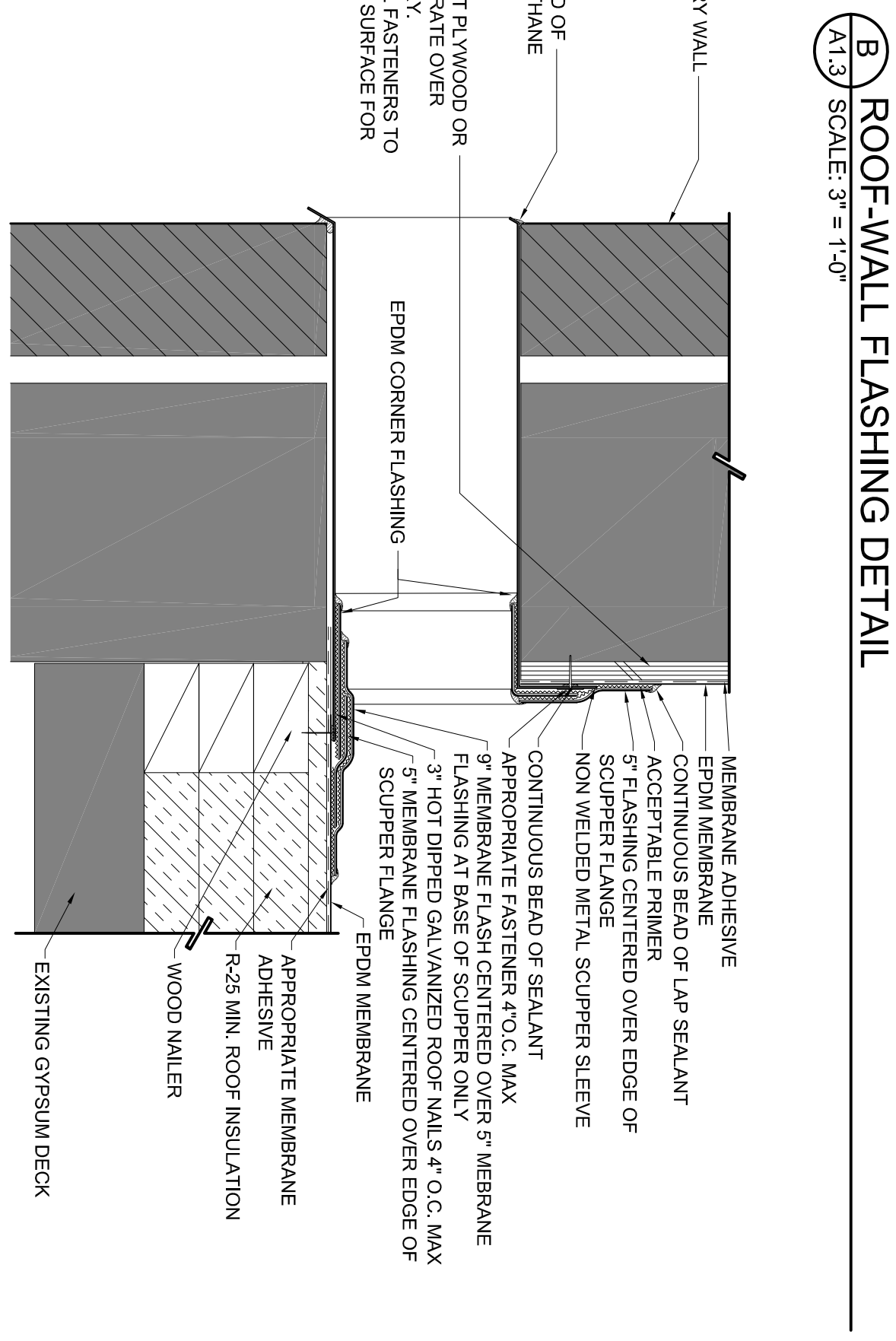
E ROOF EDGE (GUTTER) DETAIL
A1.3 SCALE: 3" = 1'-0"



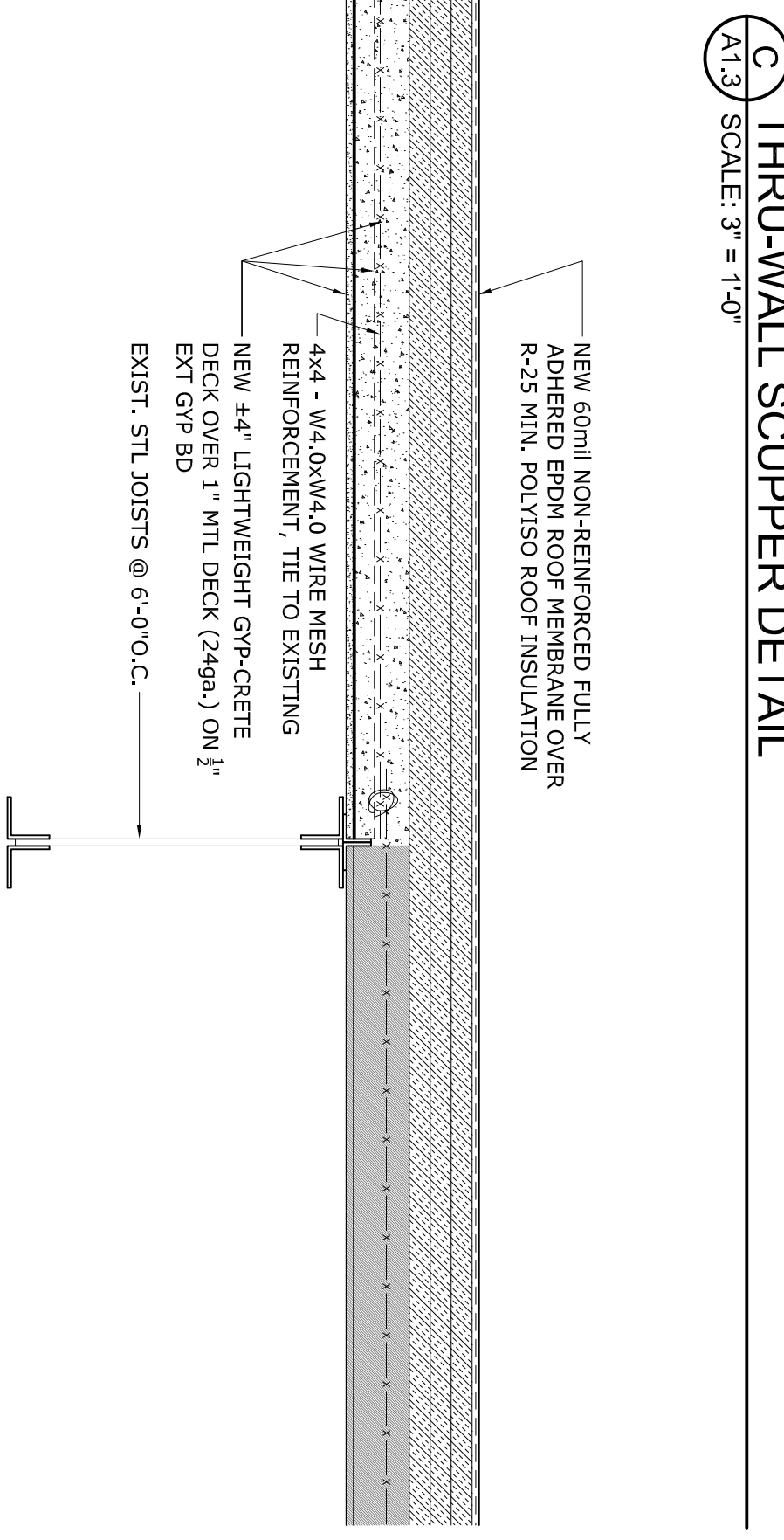
F SCUPPER COLLECTOR BOX DETAIL
A1.3 SCALE: 1'-1/2" = 1'-0"



A PARAPET DETAIL
A1.3 SCALE: 1" = 1'-0"



B ROOF-WALL FLASHING DETAIL
A1.3 SCALE: 3" = 1'-0"



C THRU-WALL SCUPPER DETAIL
A1.3 SCALE: 3" = 1'-0"

D ROOF DECK REPAIR DETAIL
A1.3 SCALE: 1" = 1'-0"

JOSEPH B. EARLY
REGISTERED ARCHITECT
KENTUCKY
NO. 10000

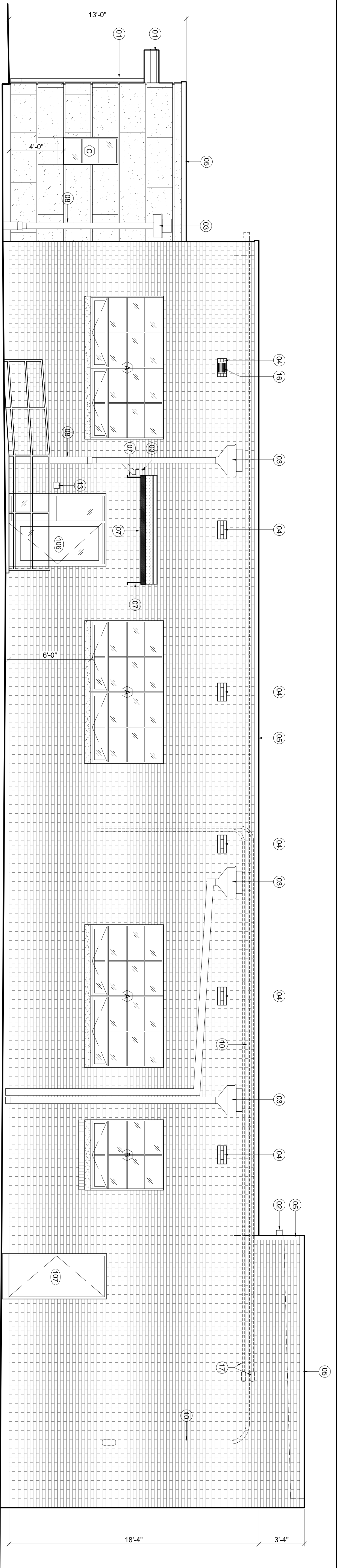
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131 Prosperous place, suite 190 • lexington, kentucky 40509
phone: 859-259-5151 • fax: 859-251-5000 • e-mail: earj@peaarchitects.net

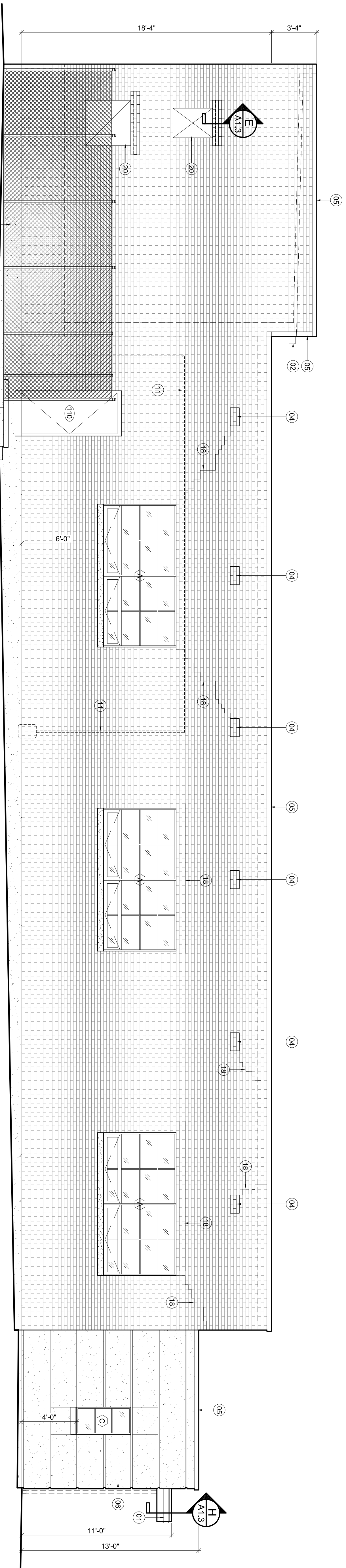
ROOF DETAILS

DATE: 11/20/11
DRAWN: JEB
CHECKED: JEB
REVISIONS:

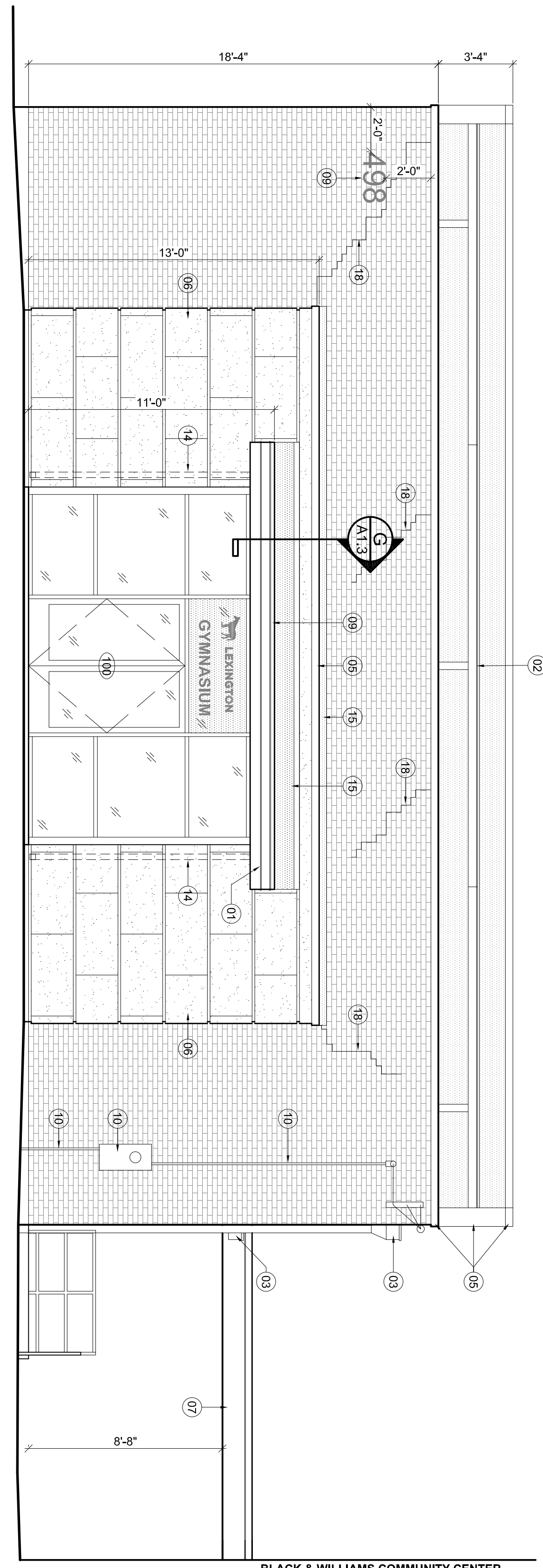
jea
SHEET NO. A1.3



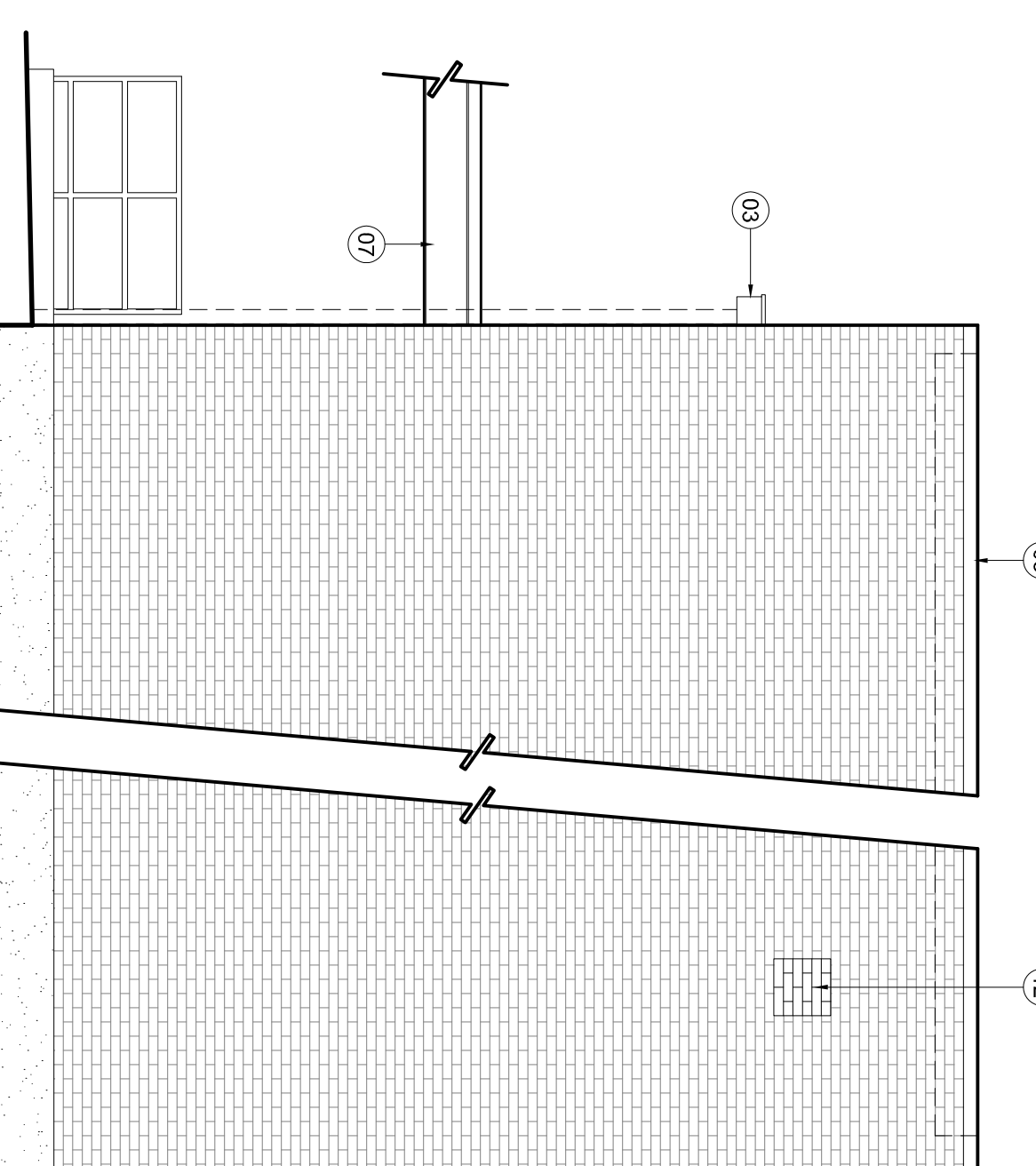
A SOUTH ELEVATION
A3.1 SCALE: 1/4" = 1'-0"



B NORTH ELEVATION
A3.1 SCALE: 1/4" = 1'-0"

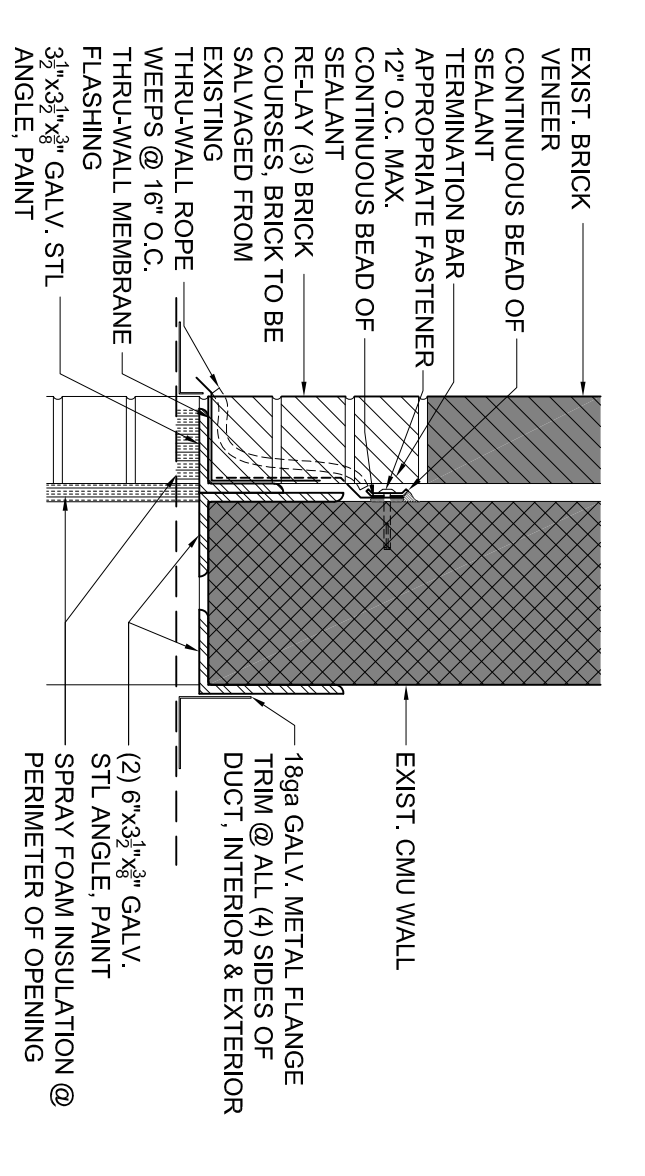


C WEST ELEVATION
A3.1 SCALE: 1/4" = 1'-0"



D EAST ELEVATION
A3.1 SCALE: 1/4" = 1'-0"

- GENERAL NOTES:**
- CLEAN ALL EXISTING EXTERIOR MOUNTED CONDUITS AND PIPING OF DEBRIS, PRIME W/RUST INHIBITING PRIMER, AND PAINT
 - REPOINT EXISTING BRICK MASONRY WHERE CRACKS EXCEED 1/8" (APPROX. 300SD)
 - REMOVE EXISTING CALK FROM MASONRY SURFACES AND RECALC ALL EXTERIOR OPENINGS
 - INFILL ANY HOLES WHERE EXISTING UTILITIES OR MEP EQUIPMENT REMOVED
 - CLEAN LOOSE PAINT FROM ALL STEEL ANGLE LINTELS, FLASHINGS, AND TRIMMING PRIMER AND APPLY (2) COATS OF FINISH PAINT
- ELEVATION NOTES:**
- 01 NEW PREFINISHED METAL WRAP OVER AIR BARRIER ON 3/8" EXT. GRADE FRT PLUMB
 - 02 NEW PREFINISHED METAL 24ga. GUTTER AND DOWNSPOUT
 - 03 NEW 24ga PREFINISHED STEEL COLLECTOR BOXES & 8" X9" DOWNSPOUTS
 - 04 INFILL EXISTING LOWER OPENING W/NEW 8" CMU (INTERIOR) AND RUNNING BOND BRICK VENER (EXTERIOR). SET BRICK BACK FROM FACE 1/2". PAINT. NEW PREFINISHED METAL COPING W/CONT. CLEAT OVER NEW TRD WD BLOCKING @ T.O. WALL (SEE DETAIL B/A4.1)
 - 05 CALK CRACKS & GAPS IN EXISTING CONCRETE AND REPAIR CRACKING. REPAIR AFTER RENEWAL IS COMPLETE.
 - 06 PREP, PRIME AND PAINT EXISTING STEEL CONNECTOR CANOPY FRAME
 - 07 EXIST PVC DOWNSPOUT BOOT (PAINT) WITH NEW RECTANGLE TO ROUND PVC TRANSITION
 - 08 12"H SURFACE MOUNTED ALUMINUM BUILDING SIGNAGE W/STANDOFFS (CLEAR ANODIZED)
 - 09 EXISTING SURFACE MOUNTED METAL CONDUITS TO BE PREPARED, PRIMED, AND PAINTED
 - 10 EXISTING SURFACE MOUNTED GAS LINE AND SUPPRTS TO BE PREPARED, PRIMED, AND PAINTED
 - 11 INFILL PREVIOUS VENT OPENING W/BRICK VENER (EXTERIOR) AND CMU (INTERIOR). HOLD BRICK 1/2" BACK FROM FRONT FACE OF EXISTING.
 - 12 SURFACE MOUNTED, PUSH-BUTTON DOOR ACTUATOR (SEE ELEC)
 - 13 3'-x4" PREFIN MTL DOWNSPOUT
 - 14 ROOF TO WALL FLASHING (SEE DETAIL C/A4.1)
 - 15 PREFINISHED METAL EXHAUST TOWER (SEE MECH)
 - 16 REMOVE EXISTING ABANDONED ELECTRICAL CONDUIT AND ASSOCIATED MOUNTING HARDWARE. FILL ALL HOLES WITH MORTAR. COLOR TO MATCH EXISTING.
 - 17 REPOINT EXISTING MASONRY, REMOVE PREVIOUS REPAIR MATERIAL PRIOR TO REPOINTING, WHERE APPLICABLE.
 - 18 NEW CHAIN LINK FENCE @ MECHANICAL PAD ENCLOSURE. SEE DETAIL J/C2.1
 - 19 NEW OPENING IN EXISTING MASONRY WALL. SEE DETAIL E/A3.1. COORDINATE LOCATION, SIZE, AND ELEVATION WITH MECHANICAL AND EXISTING CONDITIONS
 - 20



E WALL OPENING DETAIL
A3.1 SCALE: 1/4" = 1'-0"

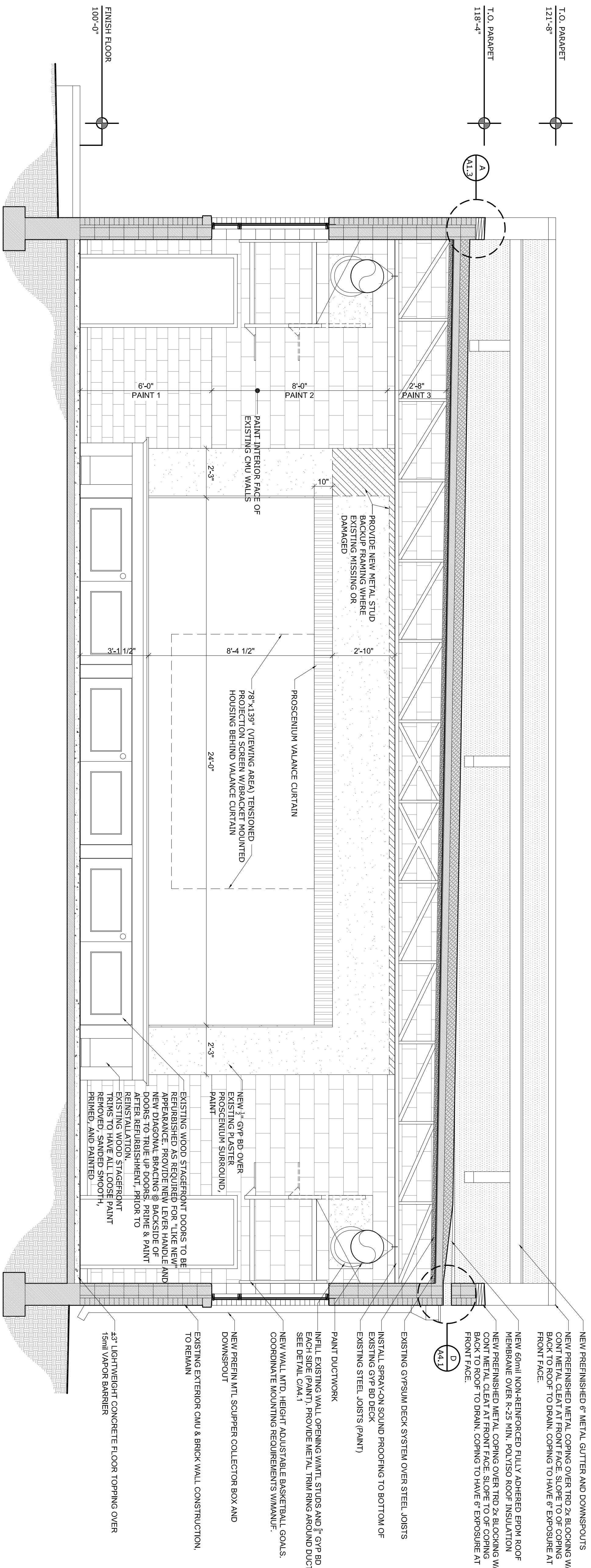
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GYMNASIUM BUILDING IMPROVEMENTS

Building Elevations

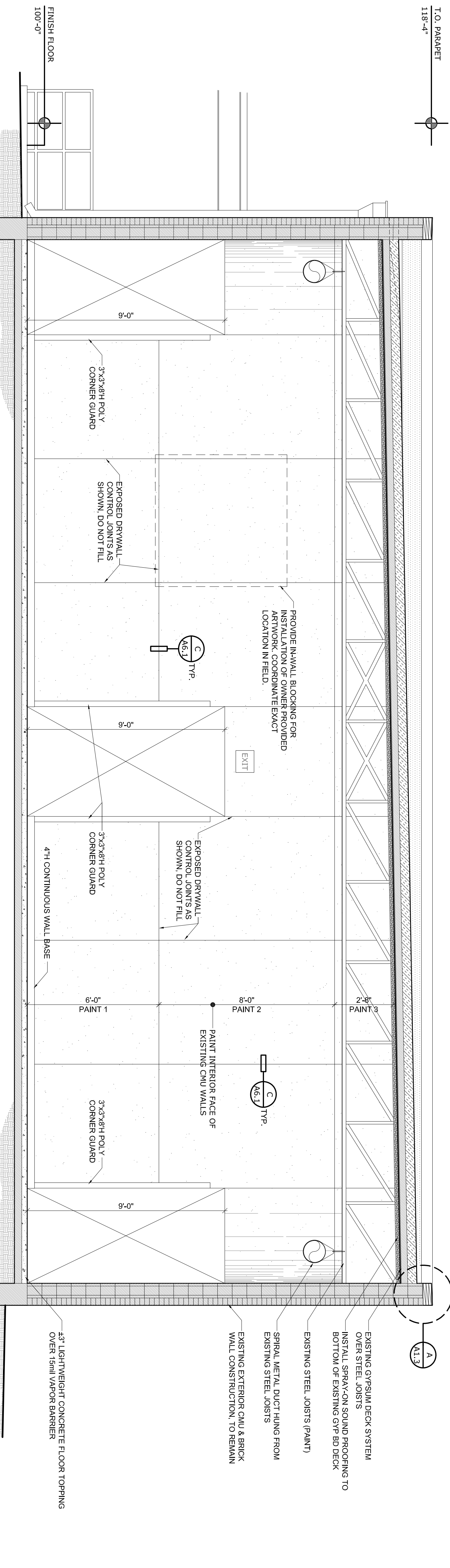
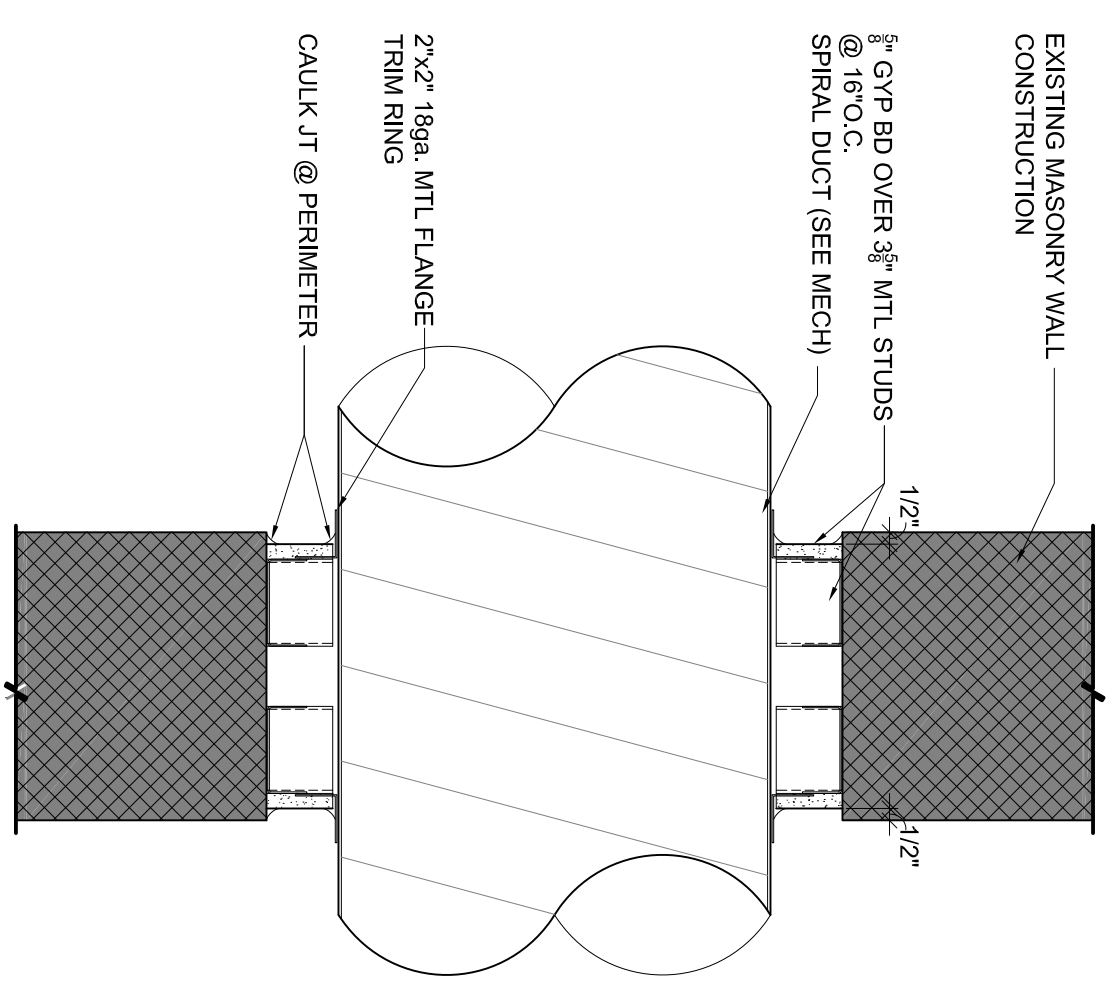
JOHNSON + EARLY ARCHITECTS
131 Poppersburg place, suite 190 • Lexington, Kentucky 40509
phone: 859-259-5151 • fax: 859-251-9100 • e-mail: jea@jeaarchitects.net

JOHNSON + EARLY ARCHITECTS
A3.1



A BUILDING SECTION
A4.1 SCALE: 3/8" = 1'-0"

C INFILL DETAIL
A4.1 SCALE: 1 1/2" = 1'-0"



B BUILDING SECTION
A4.1 SCALE: 3/8" = 1'-0"

JOSEPH B. EARLY
REGISTERED ARCHITECT
BLACK & WILLIAMS NEIGHBORHOOD CENTER
GYMNASIUM BUILDING IMPROVEMENTS
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Johnson • early • architects
131 Prosperous place, suite 190 - Lexington, Kentucky 40509
phone 859-259-5115 • fax 859-251-9100 • e-mail: ea@jeha.com

BUILDING SECTIONS

DATE: 11/2021
DRAWN BY: JEB
CHECKED BY: JEB
REVISIONS:

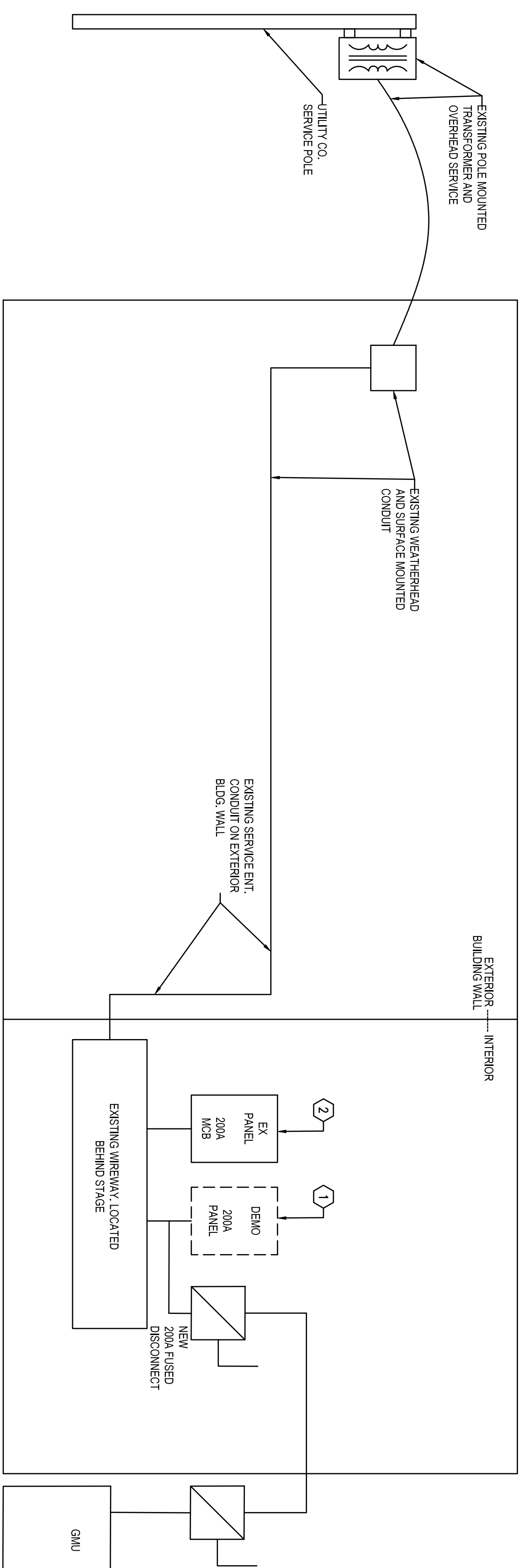
jea
ARCHITECTS
A4.1

KEY NOTES:

- REMOVE EXISTING 200 AMP PANEL & REPAIR BACKWANTO WIRING W/ EXISTING FEEDER & RECONNECT TO NEW 200 AMP FUSED DISC. THAT SERVES GYM.
- EXISTING SERVICES 200 AMP PANEL TO REMAIN.

PANEL: PNL

VOLTAGE: 120 /208V		MINIMUM INTERRUPTING RATING: 10,000		MAIN LUG RATING: 225A											
PHASES: 3		MAIN CIRCUIT BREAKER RATING: 200A													
WIRES: 4															
GROUND: INSULATED															
POLE NO.	C.B. TRIP POLES	CIRCUIT SERVED	WIRE SIZE	LOAD Category	LOAD VA	A	B	C	VA	LOAD Category	WIRE SIZE	CIRCUIT SERVED	C.B. TRIP POLES	POLE NO.	
1	20 1	REC-STORAGE 101	12	R	720	4053	3873		3333	H	10	WH-1	3	30	4
3	20 1	REC-MECH-102/100	12	R	540				3333	H				2	
5	20 1	REC-105,109,106	12	R	720				4053	H				6	
7	20 1	SWC	12	R	500	1250			750	H	12	EH-4	1	20	8
9	20 1	REC KITCHEN	12	R	180				100	M	12	EH-1	1	20	10
11	20 1	REC KITCHEN	12	R	360				1500	H	12	EH-1	1	20	12
13	20 1	REC KITCHEN	12	R	360	1860			1500	H	12	EH-2	1	20	14
15	20 1	REC KITCHEN	12	R	360				750	H	12	EH-3	1	20	16
17	20 1	REC-103	12	R	900				1316	L	12	LTS - 100,101,102,105,106,107,108	1	20	18
19	20 1	REC-103	12	R	360	882			522	L	12	LTS - 103	1	20	20
21	20 1	REC-103	12	R	720				522	L	12	LTS - 103	1	20	22
23	20 1	REC-103	12	R	900				1242	L	12	LTS - 103	1	20	24
25	20 1	REC-STAGE 104	12	R	360	588			225	L	12	LTS 104 STAGE	1	20	26
27	45 3	ADA LIFT	6	M	4320				4842	L	12	LTS - 103	1	20	28
29	45 3	ADA LIFT	6	M	4320				4920	L	12	STAGE LIGHTS	1	20	30
31	45 3	ADA LIFT	6	M	4320	4415			95	L	12	EXTERIOR LIGHTS	1	20	32
33	20 1	REC-STAGE 104	12	R	540				1540	M	12	ADA DOOR	1	20	34
35	20 1	PROJECTOR POWER	12	R	180				720	R	12	EXTERIOR REC	1	20	36
37	20 1	GOAL MOTORS	12	R	360	560			200	M	12	CURTAIN MOTOR	1	20	38
39	20 1	AV CONTROLLER	12	R	360				200	M	12	SCREEN MOTOR	1	20	40
41	20 1	REC-107	12	R	180				180	L	12	SPARE	1	20	42
TOTAL KVA PER PHASE:			13.61			13.09	14.47	100%			8.78				
TOTAL CONNECTED KVA:			41.16			125%			4.28						
TOTAL DEMAND:			43.10			107%			15.5						
DEMAND AMPS:			119.7			100%			0						
DEMAND CALC (KVA)			0			100%			0						
DEMAND CALC (KW)			0			100%			0						
DEMAND CALC (KVA)			0			100%			0						



ONE-LINE DIAGRAM
SCALE: 1/8" = 1'-0"



GYMNASIUM BUILDING IMPROVEMENTS
BLACK & WILLIAMS VERGER/BOHANNON CENTER
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phone: 859-259-1515 • fax: 859-231-5100 • e-mail: earlyj@pechillers.net
ELECTRICAL - SINGLE LINE



E3.1



ADDENDUM #1

RFP Number: #21-2026

Date: April 14, 2026

Subject: Solar PV Installation at Black & Williams Gymnasium

Address inquiries to:
Sondra Stone
(859) 258-3320
sstone@lexingtonky.gov

TO ALL PROSPECTIVE SUBMITTERS:

Please be advised of the following clarifications to the above referenced RFP:

1. See attached pre-proposal sign-in sheet.
2. See attached images for information.

Todd Slatin, Director
Division of Central Purchasing

All other terms and conditions of the RFP and specifications are unchanged. This letter should be signed, attached to and become a part of your submittal.

COMPANY NAME: Solar Energy Solutions

ADDRESS: 1038 Brentwood Ct B, Lexington, KY 40511

SIGNATURE OF BIDDER:



KEY NOTES:

1. REMOVE EXISTING 200 AMP PANEL, & FEEDER BACK INTO WIREWAY. EXTEND EXISTING FEEDER & RECONNECT TO NEW 200 AMP FUSED DISC. THAT SERVES GML.
2. EXISTING SERVICES 200 AMP PANEL TO REMAIN.

2070
45A

PANEL: PNL															
VOLTAGE: 120 /208V			MINIMUM INTERRUPTING RATING: 10,000			MAIN LUG RATING: 225A									
PHASES: 3						MAIN CIRCUIT BREAKER RATING: 200A									
WIRES: 4															
GROUND: INSULATED															
POLE NO.	TRIP	C.B.		CIRCUIT SERVED	WIRE SIZE	Load Category	LOAD			Load Category	WIRE SIZE	CIRCUIT SERVED	C.B.		POLE NO.
		POLES	TRIP				VA	A	B				C	VA	
1	20	1		REC-STORAGE 101	12	R	720	4053			3333	H			2
3	20	1		REC-MECH 102/100	12	R	540		3873		3333	H			4
5	20	1		REC-105,109,106	12	R	720			4053	3333	H	WH-1	3	30
7	20	1		EWC	12	R	500	1250			750	H	EH-4	1	20
9	20	1		REC KITCHEN	12	R	180		280		100	M	EF-1	1	20
11	20	1		REC KITCHEN	12	R	360			1860	1500	H	EH-1	1	20
13	20	1		REC KITCHEN	12	R	360	1860			1500	H	EH-2	1	20
15	20	1		REC KITCHEN	12	R	360		1110		750	H	EH-3	1	20
17	20	1		REC-103	12	R	900			1316	416	L	LTS - 100,101,102,105,106,107,108	1	20
19	20	1		REC-103	12	R	360	882			522	L	LTS - 103	1	20
21	20	1		REC-103	12	R	720		1242		522	L	LTS - 103	1	20
23	20	1		REC-103	12	R	900			1422	522	L	LTS - 103	1	20
25	20	1		REC-STAGE 104	12	R	360	585			225	L	LTS 104, STAGE	1	20
27				ADA LIFT	6	M	4320		4842		522	L	LTS - 103	1	20
29	45	3	M			4320		4920	600	L	12		STAGE LIGHTS	1	20
31			M			4320	4415		95	L	12		EXTERIOR LIGHTS	1	20
33	20	1		REC-STAGE 104	12	R	540		1540		1000	M	ADA DOOR	1	20
35	20	1		PROJECTOR POWER	12	R	180			720	540	R	EXTERIOR REC	1	20
37	20	1		GOAL MOTORS	12	R	360	560			200	M	CURTAIN MOTOR	1	20
39	20	1		AV CONTROLLER	12	R			200		200	M	SCREEN MOTOR	1	20
41	20	1		REC-107	12	R	180			180			SPARE	1	20
TOTAL KVA PER PHASE:							13.61	13.09	14.47	RECEPT (R)	100%	8.78	0	100%	(C) CONT
TOTAL CONNECTED KVA:							41.16			LIGHT (L)	125%	4.28	0	100%	(NC)NONCONT
TOTAL DEMAND:							43.10			MOTOR(M)	107%	15.5	0	100%	(K)KITCHEN
DEMAND AMPS:							119.7			HEAT(H)	100%	14.5	0	100%	(W) WELD
										PANELS (P)	100%	0	DEMAND CACLS (KVA)		



