

# CONSTRUCTION REQUEST FOR PROPOSAL

**RFP# AAHC 24-25**

## **WEST ARBOR METER CONSOLIDATION**

ANN ARBOR HOUSING COMMISSION



**Due Date: Thursday, November 21, 2024 by 2:00 p.m. (local time)**

Issued By:

Ann Arbor Housing Commission  
2000 S. Industrial Hwy  
Ann Arbor, MI 48104

**TABLE OF CONTENTS**

SECTION I: GENERAL INFORMATION ..... 3

SECTION II: SCOPE OF WORK..... 9

SECTION III: MINIMUM INFORMATION REQUIRED ..... 11

SECTION IV: ATTACHMENTS ..... 16

## **SECTION I - GENERAL INFORMATION**

### **A. OBJECTIVE**

This RFP is being issued by the Ann Arbor Housing Commission (AAHC), a Michigan Public Body Corporate, with funding from a Community Project Funding (CPF) grant made available under the Consolidated Appropriations Act, 2022 (P.L. 117-103). This RFP is issued by the Ann Arbor Housing Commission and a contract will ultimately be signed with a wholly-owned subsidiary organization of the AAHC, called the Ann Arbor Housing Development Corporation (AAHDC). The purpose of this Request for Proposal (RFP) is to select a firm to consolidate the electric metering to each of the buildings listed at the West Arbor property in preparation for the installation of Photo Voltaic Systems at each of the listed buildings.

### **B. QUESTIONS AND CLARIFICATIONS / DESIGNATED CONTACTS**

All questions regarding this Request for Proposal (RFP) shall be submitted via e-mail. Questions will be accepted and answered in accordance with the terms and conditions of this RFP.

**All questions shall be submitted on or before November 7, 2024 at 2:00 p.m. (local time)**, and should be addressed as follows:

Scope of Work/Proposal Content questions shall be e-mailed to **Tom Pierce, Construction Project Manager, [tpierce@a2gov.org](mailto:tpierce@a2gov.org)**

Should any prospective bidder be in doubt as to the true meaning of any portion of this RFP, or should the prospective bidder find any ambiguity, inconsistency, or omission therein, the prospective bidder shall make a written request for an official interpretation or correction by the due date for questions above.

All interpretations, corrections, or additions to this RFP will be made only as an official addendum that will be posted to [a2gov.org](http://a2gov.org) and it shall be the prospective bidder's responsibility to ensure they have received all addenda before submitting a proposal. Any addendum issued by the AAHC shall become part of the RFP and must be incorporated in the proposal where applicable.

### **C. PRE-PROPOSAL MEETING**

A pre-proposal conference for this project will be held **at West Arbor (meeting will begin at the Community Center)**. During the meeting prospective bidders will have the opportunity to walk the property and ask questions. Administrative and technical questions regarding this project will be answered at this time. The pre-proposal meeting is for information only. Any answers furnished will not be official

until verified in writing by the Ann Arbor Housing Commission. Answers that change or substantially clarify the proposal will be affirmed in an addendum.

**Where:** West Arbor  
**Date:** Wednesday, October 30, 2024  
**Time:** 10:00 a.m.  
**Address:** 717 N. Maple  
Ann Arbor, MI 48103

**Parking:** On site parking is available.

#### **D. NOTIFICATION OF INTENT TO BID**

Contractors who intend to submit a proposal for this project should indicate such via email to the Designated Contact no later than 2:00 pm Thursday, October 31, 2024.

#### **E. PROPOSAL FORMAT**

To be considered, each firm must submit a response to this RFP using the format provided in Section III. No other distribution of proposals is to be made by the prospective bidder. An official authorized to bind the bidder to its provisions must sign the proposal. Each proposal must remain valid for at least one hundred and twenty (120) days from the due date of this RFP.

Proposals should be prepared simply and economically providing a straightforward, concise description of the bidder's ability to meet the requirements of the RFP. Mistakes may be crossed out and corrected and must be initialed in ink by the person signing the proposal.

#### **F. SELECTION CRITERIA**

If interviews are desired by the Ann Arbor Housing Commission, the selected firms will be given the opportunity to discuss their proposal, qualifications, past experience, and their fee proposal in more detail. The Ann Arbor Housing Commission further reserves the right to interview the key personnel assigned by the selected bidder to this project.

All proposals submitted may be subject to clarifications and further negotiation. All agreements resulting from negotiations that differ from what is represented within the RFP or in the proposal response shall be documented and included as part of the final contract.

## **G. SEALED PROPOSAL SUBMISSION**

**All proposals are due and must be delivered via email to Tom Pierce, Construction Project Manager, tpierce@a2gov.org on or before, November 21, 2024 at 2:00 p.m. (EST).** Proposals submitted late or via facsimile will not be considered or accepted.

**Each respondent must submit:**

- **One (1) digital copy of the proposal as one file in PDF format**

Proposals submitted should be clearly marked: **“RFP No. AAHC 24-25 – WEST ARBOR METER CONSOLIDATION”** and list the bidder’s name and address.

Proposals must be addressed and delivered to:

Tom Pierce  
Ann Arbor Housing Commission  
2000 S. Industrial Hwy  
Ann Arbor, MI 48104  
tpierce@a2gov.org

All proposals received on or before the due date will be recorded on the due date. No immediate decisions will be rendered.

Bidders are responsible for submission of their proposal. Additional time will not be granted to a single prospective bidder. However, additional time may be granted to all prospective bidders at the discretion of the Ann Arbor Housing Commission.

Each person signing the proposal certifies that they are a person in the bidder’s firm/organization responsible for the decisions regarding the fees being offered in the Proposal and has not and will not participate in any action contrary to the terms of this provision.

## **H. DISCLOSURES**

Under the Freedom of Information Act (Public Act 442), the AAHC is obligated to permit review of its files, if requested by others. All information in a proposal is subject to disclosure under this provision. This act also provides for a complete disclosure of contracts and attachments thereto.

## **I. TYPE OF CONTRACT**

A sample of the Contract is included as Attachment A. Those who wish to submit a proposal to the Ann Arbor Housing Commission should review this sample

agreement carefully. **The Ann Arbor Housing Development Corporation will not entertain changes to its Contract.**

The Ann Arbor Housing Commission reserves the right to award the total proposal, to reject any or all proposals in whole or in part, and to waive any informality or technical defects if, in the Ann Arbor Housing Commission's sole judgment, the best interests of the Ann Arbor Housing Commission will be so served.

This RFP and the selected bidder's response thereto, shall constitute the basis of the scope of services in the contract by reference.

#### **J. COST LIABILITY**

The AAHC assumes no responsibility or liability for costs incurred by the bidder prior to the execution of an Agreement. The liability of the AAHC is limited to the terms and conditions outlined in the Agreement. By submitting a proposal, bidder agrees to bear all costs incurred or related to the preparation, submission, and selection process for the proposal.

#### **K. DEBARMENT**

Submission of a proposal in response to this RFP is certification that the Respondent is not currently debarred, suspended, proposed for debarment, and declared ineligible or voluntarily excluded from participation in this transaction by any State or Federal departments or agency. Submission is also agreement that the AAHC will be notified of any changes in this status.

#### **N. PROPOSAL PROTEST**

All proposal protests must be in writing and filed with the AAHC Executive Director within five (5) business days of the award action (Jennifer Hall, [jhall@a2gov.org](mailto:jhall@a2gov.org)). The bidder must clearly state the reasons for the protest.

Any inquiries or requests regarding this procurement should be only submitted in writing to the Designated Contacts provided herein. Attempts by the bidder to initiate contact with anyone other than the Designated Contacts provided herein that the bidder believes can influence the procurement decision, e.g., Elected Officials, City Administrator, Selection Committee Members, Appointed Committee Members, etc., may lead to immediate elimination from further consideration.

#### **O. SCHEDULE**

The following is the schedule for this RFP process (subject to change).

<b>Activity/Event</b>	<b>Anticipated Date</b>
Pre-Proposal Meeting	October 30, 2024 at 10:00 AM (EST)
Notification of Intent to Bid	October 31, 2024 at 2:00 PM (EST)
Written Question Deadline	November 7, 2024 at 2:00 PM (EST)
Addenda Published (if needed)	Week of November 11, 2024
Proposal Due Date	November 21, 2024 at 2:00 PM (EST)
Selection/Negotiations	Week of November 25, 2024
Expected AAHC Authorizations	Week of December 2, 2024

The above schedule is for information purposes only and is subject to change at the AAHC's discretion.

**P. IRS FORM W-9**

The selected bidder will be required to provide the Ann Arbor Housing Commission an IRS form W-9.

**Q. RESERVATION OF RIGHTS**

1. The Ann Arbor Housing Commission reserves the right in its sole and absolute discretion to accept or reject any or all proposals, or alternative proposals, in whole or in part, with or without cause.
2. The Ann Arbor Housing Commission reserves the right to waive, or not waive, informalities or irregularities in terms or conditions of any proposal if determined by the Ann Arbor Housing Commission to be in its best interest.
3. The Ann Arbor Housing Commission reserves the right to request additional information from any or all bidders.
4. The Ann Arbor Housing Commission reserves the right to reject any proposal that it determines to be unresponsive and deficient in any of the information requested within RFP.
5. The Ann Arbor Housing Commission reserves the right to determine whether the scope of the project will be entirely as described in the RFP, a portion of the scope, or a revised scope be implemented.
6. The Ann Arbor Housing Commission reserves the right to select one or more contractors or service providers to perform services.
7. The Ann Arbor Housing Commission reserves the right to retain all proposals submitted and to use any ideas in a proposal regardless of whether that proposal is selected. Submission of a proposal indicates acceptance by the firm of the conditions contained in this RFP, unless clearly and specifically noted in the proposal submitted.

8. The Ann Arbor Housing Commission reserves the right to disqualify proposals that fail to respond to any requirements outlined in the RFP, or failure to enclose copies of the required documents outlined within the RFP.

## **R. ENVIRONMENTAL COMMITMENT**

The Ann Arbor Housing Commission recognizes its responsibility to minimize negative impacts on human health and the environment while supporting a vibrant community and economy. The Ann Arbor Housing Commission further recognizes that the products and services the Ann Arbor Housing Commission buys have inherent environmental and economic impacts and that the Ann Arbor Housing Commission should make procurement decisions that embody, promote, and encourage the City of Ann Arbor's commitment to the environment.

The Ann Arbor Housing Commission encourages potential vendors to bring forward emerging and progressive products and services that are best suited to the City of Ann Arbor's environmental principles.

## **S. MAJOR SUBCONTRACTORS**

The Bidder shall identify each major subcontractor it expects to engage for this Contract if the work to be subcontracted is 15% or more of the bid sum or over \$50,000, whichever is less. The Bidder also shall identify the work to be subcontracted to each major subcontractor. The Bidder shall not change or replace a subcontractor without approval by the Ann Arbor Housing Commission.



## **SECTION II - SCOPE OF WORK**

Project design specifications and drawings are attached as Exhibit A.

### **A. SCOPE OF WORK**

The project involves the consolidation of the electrical meters on each of the 5 buildings at the West Arbor apartment complex. Those buildings are designated as Buildings A, B, C, D, and I and are attached as the Building Inventory for purposes of designation. Modifications included as part of this project include but are not limited to:

- Convert Buildings A, B, C, D, and I from multi-metering to single-metering for solar conversion.
- Scope of work is shown on the drawings by IMEG dated 5/22/2024 (Attachment J).
- Install new Unistrut rack at each building to mount new equipment.
  - Unistrut rack will be installed adjacent to the building at the service location.
  - Provide and install new CT can, CT meter and NEMA 3R exterior panel to rack.
- Provide and install required conduit sleeves from CT can to DTE transformer at each building. Wire from transformer to CT meter provided and installed by DTE.
- Provide and Install NEMA 3R wireway to splice building tenant feeder cables.
- Provide and install conduits with wire from the new panel to wireway for of existing feeders.
- Provide and install new conduit and wire from the new panel to the house panel at each location.
- Coordinate all work with DTE.

### **B. POST AWARD NEXT STEPS WITH SELECTED BIDDER**

1. Visit the project site in December 2024 with AAHC staff and agree on a preliminary scope of construction.
2. Review any drawings, specifications, reports, etc. provided by AAHC staff on the proposed project.
3. Develop and agree on a final scope of construction together with the AAHC and the AAHC's engineer.
4. Apply for and obtain all necessary permits.
5. Perform all work necessary.

6. Ann Arbor Housing Commission staff will review all work prior to final sign off of invoices. Contractor to address all identified deficiencies in the work.
7. Contractor to provide final documentation for all time and materials. Ann Arbor Housing Commission will release any retainage held until the work is completed, inspections are completed, and permits are closed.

### **C. REQUIREMENTS**

1. Ability to work effectively with the AAHC's staff with respect to any of the construction services required by the Ann Arbor Housing Commission.
2. Ability to work effectively with other City of Ann Arbor units and regulatory agencies.
3. The ability to function in a support role to the Ann Arbor Housing Commission.

### **D. STANDARD SPECIFICATIONS**

As of the date of this RFP, all work performed under this Contract shall be performed in accordance with all applicable codes, including but not limited to the following. This is subject to change and the codes enforced at the time of construction by the City of Ann Arbor will govern:

1. 2023 National Electric Code (NEC).
2. Michigan Electric Code 2023

## **SECTION III - MINIMUM INFORMATION REQUIRED**

### **PROPOSAL FORMAT**

The following describes the elements that should be included in each of the proposal sections that will be used for evaluation of the proposals.

Bidders should organize Proposals into the following Sections:

- A. Qualifications, Experience and Accountability
- B. Workplace Safety
- C. Workforce Development
- D. Social Equity and Sustainability
- E. Bid Form
- F. Authorized Negotiator
- G. Attachments

*Bidders are strongly encouraged to provide details for all the information requested below within initial proposals. Backup documentation may be requested at the sole discretion of the Ann Arbor Housing Commission to validate all the responses provided herein by bidders. False statements by bidders to any of the criteria provided herein will result in the proposal being considered non-responsive and will not be considered for award.*

Pursuant to Sec 1:314(9) of the City of Ann Arbor Code which sets forth requirements for evaluating construction bids, Bidders should submit the following:

#### **A. Qualifications, Experience and Accountability**

1. Qualifications and experience of the bidder and of key persons, management, and supervisory personnel to be assigned by the bidder.
2. References from individuals or entities the bidder has worked for within the last five (5) years including information regarding records of performance and job site cooperation.
3. Evidence of any quality assurance program used by the bidder and the results of any such program on the bidder's previous projects.
4. A statement from the bidder as to any major subcontractors it expects to engage including the name, work, and amount.

**B. Workplace Safety**

1. Documentation of an on-going, Michigan OSHA-approved safety-training program for employees to be used on the proposed job site.
2. Evidence of the bidder's worker's compensation Experience Modification Rating ("EMR"). Preference within this criterion will be given to an EMR of 1.0 or less based on a three-year average.
3. Evidence that all craft labor that will be employed by the bidder for the project has, or will have prior to project commencement, completed at least the OSHA 10-hour training course for safety established by the U.S. Department of Labor, Occupational Safety & Health Administration.
4. The safety record of bidder and major subcontractors, including OSHA, MIOSHA, or other safety violations.

**C. Workforce Development**

1. The ratio of masters or journeypersons to apprentices proposed to be used on the construction project job site, if apprentices are to be used on the project.
2. Documentation as to bidder's pay rates, health insurance, pension or other retirement benefits, paid leave, or other fringe benefits to its employees.
3. Documentation that the bidder participates in a Registered Apprenticeship Program that is registered with the United States Department of Labor Office of Apprenticeship or by a State Apprenticeship Agency recognized by the USDOL Office of Apprenticeship.

**D. Social Equity and Sustainability**

1. A statement from the bidder as to what percentage of its workforce resides in the City of Ann Arbor and in Washtenaw County, Michigan. The AAHC will consider in evaluating which bids best serve its interests, the extent to which responsible and qualified bidders are able to achieve this goal.
2. Evidence of Equal Employment Opportunity Programs for minorities, women, veterans, returning citizens, and small businesses.

3. Evidence that the bidder is an equal opportunity employer and does not discriminate on the basis of race, sex, pregnancy, age, religion, national origin, marital status, sexual orientation, gender identity or expression, height, weight, or disability.
4. The bidder's proposed use of sustainable products, technologies, or practices for the project, which reduce the impact on human health and the environment, including raw materials acquisition, production, manufacturing, packaging, distribution, reuse, operation, maintenance, and waste management.
5. The bidder's environmental record, including findings of violations and penalties imposed by government agencies.

**E. Bid Form (Attachment C)**

The proposal price shall include materials and equipment selected from the designated items and manufacturers listed in the bidding documents. This is done to establish uniformity in bidding and to establish standards of quality for the items named.

If the bidder wishes to quote alternate items for consideration by the Ann Arbor Housing Development Corporation, it may do so under this Section. A complete description of the item and the proposed price differential must be provided. Unless approved at the time of award, substitutions where items are specifically named will be considered only as a negotiated change in Contract Sum.

Consideration for any proposed alternative items or time may be negotiated at the discretion of the Ann Arbor Housing Development Corporation.

**F. Authorized Negotiator**

Include the name, phone number, and e-mail address of persons(s) in your organization authorized to negotiate the agreement with the Ann Arbor Housing Development Corporation.

**G. Attachments**

Legal Status of Bidder and any additional attachments should be completed and included as attachments to the proposal submission.

## PROPOSAL EVALUATION

1. The selection committee will evaluate each proposal by the above-described criteria. The Ann Arbor Housing Development Corporation reserves the right to reject any proposal that it determines to be unresponsive and deficient in any of the information requested for evaluation. A proposal with all the requested information does not guarantee the proposing firm to be a candidate for an interview if interviews are selected to be held by the Ann Arbor Housing Development Corporation. The committee may contact references to verify material submitted by the bidder.
2. The committee then will schedule interviews with the selected firms if necessary. The selected firms will be given the opportunity to discuss in more detail their qualifications, past experience, proposed work plan (if applicable) and pricing.
3. The interview should include the project team members expected to work on the project, but no more than six members total. The interview may consist of a presentation of up to thirty minutes (or the length provided by the committee) by the bidder, including the person who will be the project manager on this contract, followed by questions and answers. The committee may record the oral interviews.
4. The firms interviewed will then be re-evaluated by the above criteria as appropriate. After evaluation of the proposals, further negotiation with the selected firm may be pursued leading to the award of a contract by Ann Arbor Housing Development Corporation, if suitable proposals are received.

The Ann Arbor Housing Development Corporation reserves the right to waive the interview process and evaluate the bidder based on their proposal and pricing schedules alone.

The Ann Arbor Housing Development Corporation will determine whether the final scope of the project to be negotiated will be entirely as described in this RFP, a portion of the scope, or a revised scope.

Work to be done under this contract is generally described through the detailed specifications and must be completed fully in accordance with the contract documents.

Any proposal that does not conform fully to these instructions may be rejected.

## ADDENDA

If it becomes necessary to revise any part of the RFP, notice of the addendum will be posted to the [Ann Arbor Housing Commission's website](#) for all parties to download.

Each bidder should acknowledge in its proposal all addenda it has received. The failure of a bidder to receive or acknowledge receipt of any addenda shall not relieve the

bidder of the responsibility for complying with the terms thereof. The Ann Arbor Housing Development Corporation will not be bound by oral responses to inquiries or written responses other than official written addenda.

## **SECTION IV - ATTACHMENTS**

Attachment A – Sample Standard Contract

Attachment B – Legal Status of Bidder

Attachment C – Bid Form

Attachment D – City of Ann Arbor Declaration-Non-Discrimination Ordinance

Attachment E – Living Wage Declaration of Compliance Form

Attachment F – Vendor Conflict of Interest Disclosure Form

Attachment G – City of Ann Arbor Non-Discrimination Ordinance Poster

Attachment H – Living Wage Poster

Attachment I – Building Inventory

Attachment J– IMEG Drawings



## ATTACHMENT A

### CONTRACT

### BETWEEN

**THE ANN ARBOR HOUSING DEVELOPMENT CORPORATION**

### AND

**CONTRACTOR NAME**

### INTRODUCTION

**This contract by and between the Ann Arbor Housing Development Corporation (hereinafter "AAHDC" or "the HC"), located at 2000 S. Industrial Highway, Ann Arbor MI 48104 and CONTRACTOR NAME (hereinafter ABREVIATED CONTRACTOR NAME IF APPLICABLE" or "the Contractor"), located at address, is hereby entered into this MONTH DAY, 20\_\_.**

Services pursuant to this contract **shall begin MONTH DAY, 20\_\_, and shall end no later than MONTH DAY, 20\_\_** unless otherwise extended, modified, terminated or renewed by the parties as provided for within this contract. Unless otherwise detailed herein, all references to "days" shall be calendar days (in the case that the last day referenced falls on a Saturday, Sunday or legal holiday, then the period of time shall be automatically extended to include the next workday). Also, whenever the term "herein" is referred to, such refers to this contract form, the appendices, and all listed attachments.

#### **1.0 Definitions:**

- 1.1 Housing Commission (HC):** Any reference herein or within any appendix to the "Housing Commission" shall be interpreted to mean the same as the AAHC or its affiliated legal entity, the Ann Arbor Affordable Housing Corporation.
- 1.2 Purchasing Manager (PM):** The HC purchasing manager, acting on behalf of the HC.

#### **2.0 Services and Payment:**

- 2.1 Scope of Services: [full, detailed scope of work placed in Appendix No. 1].** Said services shall be provided on the dates and times determined by the HC at the designated HC community and facilities.

#### **2.3 Cost/Value of Services:**

- 2.3.1 Contract Value: The current total Not-To-Exceed (NTE) value of this contract is: \$\_\_\_\_\_.** Any other services provided related to this contract must be as negotiated between Contractor and the AAHC.

Contractor exceeds the NTE amount at the Contractor's own risk. The Contractor is under no obligation to provide additional services that would cause the Contractor's fees to exceed the NTE amount without prior revision of this amount by written change order.

**2.4 Renewal Options:** There are no renewal options with this contract.

**2.5 Time Performance:** The Contractor will complete each assigned task as detailed within the executed Scope of Services.

**2.6 Billing Method:**

**2.6.1** To receive payment for services rendered pursuant to this contract the Contractor shall submit a fully completed invoice for work previously performed to:

**Ann Arbor Housing Development Corporation  
HCaccounts payable@a2gov.org  
Attn. Accounts Payable  
2000 S. Industrial Hwy  
Ann Arbor, MI 48104**

**2.6.2** At a minimum, the invoice shall detail the following information:

**2.6.2.1** Unique invoice number;

**2.6.2.2** Contractor's name, address and telephone number;

**2.6.2.3** Date of invoice and/or billing period;

**2.6.2.4** Applicable Purchase Order No.;

**2.6.2.5** Brief description of services rendered, including applicable time frame, total hours being billed for each service at each detailed site, and at the approved rate (may be submitted in the form of a report or invoice);

**2.6.2.6** If applicable, Task Order, approved by the HC Executive Director; and

**2.6.2.7** Total dollar amount being billed.

**2.6.3** The HC will pay each such properly completed invoice received on a **Net/30 basis**. Any invoice received not properly completed will not be paid unless and/or until Contractor complies with the applicable provisions of this contract.

**3.0 HC's Obligations:** The HC agrees to purchase the specific services detailed herein and:

**1.1** Agrees to not assign work to the Contractor outside the scope of services without the prior written approval of the HC's Executive Director and the Contractor.

**4.0 Contractor's Obligations:** Contractor agrees to provide the specific services detailed herein:

**4.1 Supervision and Oversight:** Contractor shall be solely responsible for providing supervision and oversight to all of the Contractor's personnel that are assigned to the HC properties pursuant to this contract.

**4.2 Qualified Personnel:** Contractor warrants and represents that it will assign only qualified personnel to perform the services outlined herein and within the appendices. For the purposes of this contract, the term "qualified personnel" shall mean those

personnel that have been investigated, tested and trained in the manner described within this contract and, as proposed by the Contractor within its proposal or as provided by the Contractor during the Contractor's normal conduct of business. "Qualified Personnel" includes Contractor's employees, subcontractors, and agents.

**4.2.1** The AAHC will have the right to require the Contractor to remove any personnel deemed incompetent, careless or otherwise objectionable, or any personnel whose actions or appearance are deemed inconsistent with the best interests of the AAHC. The decision of the HC will be final as to what constitutes incompetent or objectionable behavior.

**4.2.2** All personnel employed by the Contractor will have the requisite skills to perform their designated tasks. Necessary training shall be performed at the Contractor's expense and untrained individuals will not be brought into the premises for so-called "ON THE JOB" training.

**4.3 Compliance with Federal and State Laws:** All work performed by the Contractor, pursuant to this contract, shall be done in accordance with applicable all Federal, State and local laws, regulations, codes and ordinances.

**4.3.1 Iran Economic Sanctions Act:** The Contractor certifies that it is not an Iran linked business as defined by the Michigan Iran Economic Sanctions Act (Michigan Compiled Laws §129.311-16).

**4.4 Insurance Requirements:**

**4.4.1** The Contractor will secure and maintain during the term of the contract insurance from an insurance company authorized to do business in the State of Michigan that will protect Contractors and sub-contractors and the HC from all liability (public liability, personal injury and property damage) claims which may arise from operations under the contract.

**4.4.1.1** The Contractor will furnish insurance certificates within seven (7) days of being notified of acceptance of his/her bid. Execution of this contract will not occur until evidence of all required insurance has been submitted and approved by the HCy.

**4.4.1.2** Failure to maintain the above-reference insurance coverage, including naming the HC as an additional insured (where appropriate) during the term(s) of this contract shall constitute a material breach thereof. The Contractor must cease work if any of the required insurance is canceled or expires.

**4.4.2** The Certificate shall specifically name the ANN ARBOR AFFORDALBE HOUSING CORPORATION and the Ann Arbor Housing Commission as additional insured parties. **In the area for the listing of additional insured on the binder it must read: "The Ann Arbor Housing Commission, and Ann Arbor Housing Development Corporation, acting by and through the Ann Arbor Housing Commission."**

**4.4.3** The Contractor shall not allow any work under the contract to be performed by a subcontractor unless evidence of similar insurance covering the activities of the subcontractor is submitted to and approved by the HC.

**4.4.4 The limits of insurance shall not be less than the following:**

- 4.4.4.1** Policy of General Liability Insurance, \$1,000,000 per occurrence, \$2,000,000 aggregate together with damage to premises and fire damage of \$300,000 and medical expenses for any one person of \$5,000 with a deductible not greater than \$1,000.
- 4.4.4.2** Policy of Professional Liability Insurance or Errors & Omissions coverage, minimum of \$1,000,000 each occurrence, general aggregate minimum limit of \$2,000,000 with a deductible of not greater than \$1,000, when applicable;
- 4.4.4.3** Automobile Liability coverage in a combined single limit of \$1,000,000. For every vehicle utilized during the term of this contract, when not owned by the entity, each vehicle must have evidence of automobile insurance coverage with limits of no less than \$50,000/\$100,000 and medical pay of \$5,000 with a deductible not greater than \$1,000.
- 4.4.4.4** Worker's compensation coverage evidencing carrier and coverage amount required by the State of Michigan.
- 4.4.4.5** Insurance certificate(s)/endorsement(s) shall be delivered to the following person representing the HC:

**ANN ARBOR HOUSING DEVELOPMENT CORPORATION**  
**FINANCIAL DEPARTMENT**  
[HCAccountspayable@a2gov.org](mailto:HCAccountspayable@a2gov.org)  
**734 794-6720**  
**2000 S. Industrial Hwy**  
**ANN ARBOR, MI 48104**

**4.5 Licensing:** The Contractor shall also provide to the HC a copy of the required State of Michigan Business License. Failure to maintain this license in a current status during the term(s) of this contract shall constitute a material breach thereof.

**4.6 Financial Viability and Regulatory Compliance:**

- 4.6.1** If other than an individual/sole proprietor, Contractor warrants and represents that its corporate entity is in good standing with all applicable federal, state and local licensing authorities and that it possesses all requisite licenses to perform the services required by this contract.
- 4.6.2** Contractor agrees to promptly disclose to the HC any licensure suspension or revocation that adversely affect its capacity to perform this contract. Contractor's failure to immediately disclose such issue to the HC will constitute a material breach of this contract.
- 4.6.3** Contractor agrees to promptly disclose to the HC any change of more than 50% of its ownership and/or any declaration of bankruptcy that the Contractor undergoes during the term(s) of this contract. Contractor's failure to immediately disclose any change of more than 50% of its ownership and/or its declaration of bankruptcy shall constitute a material breach of this contract.
- 4.6.4** All disclosures made pursuant to this section of the contract shall be made in writing.

**5.0 Modification:** This contract shall not be modified, revised, amended or extended except by written addendum, executed by both parties.

**6.0 Severability:** If any provision of this agreement or any portion or provision hereof applicable to any particular situation or circumstance is held invalid, the remainder of this agreement or the remainder of such provision (as the case may be), and the application thereof to other situations or circumstances shall not be affected thereby.

**7.0 Applicable Laws:**

**7.1 Jurisdiction and Venue:** The laws of the State of Michigan shall govern the validity, construction and effect of this contract, unless said laws are superseded by, or conflict with, applicable federal laws and/or federal regulations. This contract will be binding upon the parties, their heirs, beneficiaries, and devisees of the parties hereto. The parties agree that Washtenaw County, Michigan is the appropriate forum for any action relating to this contract. This agreement may be executed in multiple counterparts which shall be considered binding.

**7.2 Interest of Contractor and the Housing Commission:** The Contractor promises that it has no interest which would conflict with the performance of services required by this contract. The Contractor also promises that, in the performance of this contract, no officer, agent, employee of the Commission, or member of its governing bodies, may participate in any decision relating to this contract which affects his/her personal interest or the interest of any corporation, partnership or association in which he/she is directly or indirectly interested or has any personal or pecuniary interest. This paragraph does not apply if all parties are in compliance with the provisions of Michigan Compiled Laws §15.323 and 24 CFR PART 85.36(b), as applicable.

**8.0 Notices:**

**8.1** All legal notices submitted to the HC by the Contractor pursuant to this contract shall be in writing via email, facsimile or other electronic means and delivered to the attention of the following person representing the HC:

**ANN ARBOR HOUSING COMMISSION  
ATTN: EXECUTIVE DIRECTOR  
JHALL@A2GOV.ORG  
2000 S. INDUSTRIAL HWY  
ANN ARBOR, MI 48104  
Ph. 734-794-6720  
Fax 734-996-3018**

**8.2** All legal notices submitted to the Contractor pursuant to this contract shall be in writing via email, facsimile or other electronic means and delivered to the attention of:

**ENTITY NAME  
EMAIL  
ADDRESS LINE 1  
ADDRESS LINE 2  
Ph. xxx-xxx-xxxx**

**9.0 Breach and Retention of Records:** The HC and the Contractor each agree to comply with the following provisions:

**9.1 Remedies for Contractor Breach:** Pertaining to contract-related issues, it is the responsibility of both the HC and the Contractor to communicate with each in as clear and complete a manner as possible. If at any time during the term of this contract the HC or the Contractor is not satisfied with any issue, it is the responsibility of that party to deliver to the other party communication, in writing, fully detailing the issue and corrective action the HC has the right to issue unilateral addendums to this contract, but the Contractor does not have the same right). The other party shall, within 30 days, respond in writing (the HC reserves the right, if conditions warrant, to require the Contractor to respond in a shorter period of time). HC shall, at a minimum, employ the following steps in dealing with the Contractor as to any performance issues:

**9.1.1** If the Contractor is in material breach of the contract, the HC may terminate the contract for cause. Such termination must be delivered to the Contractor in writing and shall fully detail the cause of and justification for the termination.

**9.1.2** Prior to termination, the HC may choose to warn the Contractor, orally or in writing, of any non-compliant or unsatisfactory performance. Such written warning may include giving the Contractor a certain period of time to correct the deficiencies or potentially suffer termination. If the Contractor does not agree with such action, the Contractor shall have ten 10 days to dispute or protest, in writing, such action; if the Contractor does not do so within the 10-day period, it be deemed to accept and agree with the HC's position on the issue. The written protest must detail all pertinent information pertaining to the dispute, including justification detailing the HC's alleged incorrect action(s).

**9.1.3** After termination, if the Contractor does not agree with the HC's justification for the termination, the Contractor shall have 10 days to dispute, in writing, such action; if the Contractor does not do so within the 10-day period, it shall be deemed to accept and agree with the HC's position on the issue. The written protest must detail all pertinent information pertaining to the dispute, including justification detailing the HC's alleged incorrect action(s).

**9.1.4** The response to any protest received shall be conducted in accordance with Section No. 4.0 of this document.

**9.2 Reporting:** The parties hereby agree to comply with any reporting requirements that may be detailed herein.

**9.3 Copyrights/Rights in Data:** The HC has unlimited rights to any data, including computer software, developed by the Contractor in the performance of the contract.

**9.4 Access to Records:** Access to any books, documents, papers, and records of the contractor which are directly pertinent to that specific contract for the purpose of making audit, examination, excerpts, and transcriptions.

- 9.5 Retention of Records:** Retention of all required records for three years after HC make final payments and all other pending matters are closed.
- 9.6 Contractor Certification:** The Contractor hereby assures and certifies that it will comply with all of the applicable requirements of the foregoing sections 10.0-10.6, as the same may be amended from time to time.

**10.0 Additional Considerations:**

- 10.1 Non-Escalation:** Unless otherwise specified within a Request for Proposal or Quote document, the unit prices reflected on the contract shall remain firm with no provision for price increases during the term of the contract.
- 10.2 Funding Restrictions and Order Quantities:** The HC reserves the right to reduce or increase estimated or actual quantities in whatever amount necessary without prejudice or liability to the HC, if:
- 10.2.1** Funding is not available;
  - 10.2.2** Legal restrictions are placed upon the expenditure of monies for this category of service or supplies; or
  - 10.2.3** The HC's requirements in good faith change after award of the contract.
- 10.3** Unless otherwise stated in a Request for Proposal or Quote document, all local, State or Federal permits which may be required to provide the services ensuing from award of this contract, regardless of whether they are known to HC or Contractor at the time of the proposal submittal deadline or the award, shall be the sole responsibility of the Contractor and any costs submitted by the Contractor in response to a Request for Proposal or Quote shall reflect all costs required by the Contractor to procure and provide such necessary permits.
- 10.5 Taxes:** The Housing Commission is exempt from paying Michigan State Sales and Use Taxes and Federal Excise Taxes. A letter of Tax Exemption will be provided upon request. MI
- 10.6 Government Standards:** It is the responsibility of the proposer to ensure that all items and services proposed conform to all local, State and Federal law concerning safety (OSHA and MIOSHA) and environmental control (EPA and City of Ann Arbor Pollution Regulations) and any other ordinance, code, law or regulation. Contractor shall be responsible for all costs incurred for compliance with any such possible ordinance, code, law or regulation. No time extensions shall be granted or financial consideration given to the Contractor for time or monies lost due to violations of any ordinance, code, law or regulations that may occur.
- 10.7 Freight on Bill and Delivery:** All costs submitted by the proposer shall reflect the cost of delivering the proposed items and/or services to the locations(s) specified within the proposal.
- 10.7.1** Contractor agrees to deliver to the designated location(s) on or before the date as specified in the finalized contract. Failure to deliver on or before the specified date constitutes an event of default by Contractor. Upon default, Contractor agrees that the HC may, at its option, rescind this contract under the default clause herein and seek compensatory damages as provided by law.
- 10.8 Backorders:**

- 10.8.1** The HC PM must be notified in writing by the Contractor within 10 days of any and all backordered materials and/or any incomplete services; and the estimated delivery date.
- 10.8.2** Unless otherwise stipulated in the contract, if any order will be delayed more than 10 days past the original agreed upon delivery date, the HC may at its option cancel the order, if, in the opinion of the HC PM, it is in the best interests of the HC to do so.
- 10.9 Work on HC Property:** If the Contractor's work under the contract involves operations by the Contractor on HC premises, the Contractor shall take all necessary precautions to prevent the occurrence of any injury to persons or property during the progress of such work and, except to the extent that any such injury is caused solely and directly by the HC's negligence, shall indemnify the HC, and its officers, agents, servants and employees against all loss which may result in any way from any act or omission of the Contractor, its agents, employees, or subcontractors.
- 10.9.1** The Contractor shall be responsible for repairing any unintentional damage that the Contractor causes during the course of the Contractor's work. Such damages include, but are not limited to, ruts caused by machinery or breaking paving materials not included in this contract.
- 10.10 Official, Agent and Employees of the HC Not Personally Liable:** No official, officer, employee, or agent of the HC in any way be personally liable or responsible for any covenant or agreement herein contained whether expressed or implied, or for any statement, representation or warranty made herein or in any connection with this agreement.
- 10.11 Sub-Contractors:** Unless otherwise stated, the Contractor may not use any sub-contractors to accomplish any portion of the services described within the documents or the contract without the prior written permission of the HC PM.
- 10.12 Salaries and Expenses Relating to the Contractors Employees:** Unless otherwise stated within the procurement documents, the Contractor shall pay all salaries and expenses of, and all Federal, Social Security taxes, Federal and State Unemployment taxes, and any similar taxes relating to its employees used in the performance of the contract. The Contractor shall comply with all Federal, State and local wage and hour laws and all licensing laws applicable to its employees or **other** personnel furnished under this agreement.
- 10.13 Attorney Fees:** In the event that litigation is commenced by one party against the other in connection with the enforcement of any provision of this agreement, and the Contractor is the losing party, Contractor shall pay all of HC's court costs and other expenses of such litigation, including reasonable attorney fees. The attorney fees shall be taxed to the Contractor as costs of the suit, unless prohibited by law.
- 10.14 Independent Contractor:** Contractor is an independent Contractor. Nothing herein shall create any association, agency, partnership or joint venture between the parties hereto and neither shall have any authority to bind the other in any way.



**10.15 Waiver of Breach:** A waiver of either party of any terms or condition of this agreement in any instance shall not be deemed or construed as a waiver of such term or condition for the future, or of any subsequent breach thereof. All remedies, rights, undertakings, obligations, and agreements contained in this agreement shall be cumulative and none of them shall be in limitation of any other remedy, right, obligation or agreement of either party.

**10.16 Time of the Essence:** Time is of the essence under this agreement as to each provision in which time of performance is a factor.

**10.17 Limitation of Liability:** In no event shall the HC be liable to the Contractor for any indirect, incidental, consequential or exemplary damages.

**10.18 Indemnification:**

**10.18.1** The Contractor shall indemnify, defend, and hold the HC (and its officers, employees, and agents) harmless from and against any and all claims, damages, losses, suits, actions, decrees, judgments, attorney fees, court costs and other expenses of any kind or character, which are caused by, arise out of, or occur due to any failure of the Contractor to (1) abide by any of the applicable professional standards within its industry, or (2) comply with the terms, conditions, or covenants that are contained in this contract, (3) comply with the "Michigan Industrial Insurance Act," or any other law, ordinance, or decree; or (4) ensure that the any sub-contractors abide by the terms of this provision and this contract; provided, however, that Contractor will not be required to indemnify the HC against any loss or damage which was specifically caused by the HC providing inaccurate information to the Contractor, failing to provide necessary and requested information to the Contractor, or refusal to abide by any recommendation of the Contractor.

**10.18.2** The Contractor shall, at its own expense, defend the HC, its officers, employees, and agents, against any and all claims, suits or actions which may be brought against them, or any of them, as a result of, or by reason of, or arising out of, or on account of, or in consequence of any act or failure to act the consequences of which the Contractor has indemnified the HC. If the Contractor shall fail to do so, the HC shall have the right, but not the obligation, to defend the same and to charge all direct and incidental costs of such defense to the Contractor including attorney fees and court costs.

**10.18.3** Any money due to the Contractor under and by virtue of this contract, which the HC believes must be withheld from the Contractor to protect the HC, may be retained by the HC so long as it is reasonably necessary to ensure the HC's protection; or in case no money is due, its surety may be held until all applicable claims have been settled and suitable evidence to that effect furnished to the HC provided, however, neither the Corporation's payments shall not be withheld, and its surety shall be released, if the Contractor is able to demonstrate that it has adequate liability and property damage insurance to protect the HC from any potential claims.

**10.18.4** The Contractor shall provide that any contractual arrangement with a sub-contractor shall be in conformance with the terms of this Contract including the terms of this indemnity provision. The Contractor guarantees that it will promptly handle and rectify any and all claims for materials, supplies and

labor, or any other claims that may be made against it or any of its sub-contractors in connection with the contract.

**11.0 Appendices:**

**11.1** The following noted documents are placed under each of the noted appendix and are a part of this contract:

**Appendix No. 1: Scope of Work**

**Appendix No. 2: Contractor Certification of Asbestos-Free Product Installation**

**11.2** In the case of any discrepancy between this contract and any of the above noted documents, the requirement(s) listed within the body of this contract shall take precedence, then the requirement(s) listed within each appendix shall take precedence in the order they are listed above (i.e. the requirement(s) listed the lower listed item may not supercede any requirement(s) within a higher listed item), except as otherwise required by law.

**11.3** Any document referenced herein that has not been attached is hereby incorporated herein by reference, and a copy of each such document is available from the HC upon written request.

**12.0 CERTIFICATIONS:**

The undersigned representatives of each party acknowledge by signature below that they have reviewed the foregoing and understand and agree to abide by their respective obligations as detailed herein:

**By:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**FIRST LAST  
TITLE  
ENTITY  
ADDRESS LINE 1  
ADDRESS LINE 2  
EMAIL  
PHONE**

**By:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**Jennifer Hall, Secretary-Treasurer  
Ann Arbor Housing Development Corporation  
2000 S. Industrial Hwy  
Ann Arbor, MI 48104  
734-794-6721**

## **Appendix No. 1: Full Scope of Work**

**Addendix No 2:**

**Employer/Employee/Tenant  
Notification**

As required by the OSHA Regulation building and/or facility owners shall notify the following persons of the presence, location and quantity of ACM or PACM, at the work sites in their buildings and facilities. Notification either shall be in writing or shall consist of a personal communication between the owner and the person to whom notification must be given or their authorized representative:

- A. Prospective employers applying or bidding for work whose employees reasonably can be expected to work in adjacent to areas containing such material;
- B. Employees of the owner who will work in or adjacent to areas containing such materials;
- C. On Multi-employer worksites, all employers of employees who will be performing work within or adjacent to areas containing such material;
- D. Tenants who will occupy areas containing such materials.

Please complete this form and return it to: \_\_\_\_\_

I \_\_\_\_\_, representing and having authority for \_\_\_\_\_ (company), hereby indicate and agree that a representative of the building/facility, \_\_\_\_\_ (name), (title) has provided me information regarding the specific locations and materials that are asbestos-containing and which may be encountered or have the potential of being encountered during the course of activities involving \_\_\_\_\_ (project name and/or number) in the above-mentioned building.

I expressly agree that neither I, nor any of my employees, agents, sub-contractors or other individuals or entities over whom I have any responsibility or control, will disturb asbestos-containing materials for the above-mentioned building. I further understand and agree that should I, my employees, agents, sub-contractors or other individuals or entities over whom I have control, encounter any material(s) suspected of containing asbestos, said material(s) shall not be disturbed without first notifying the office of the building/facility owner, and receiving written approval that such material(s) may be disturbed.

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Company

\_\_\_\_\_  
Position

\_\_\_\_\_  
Date

## Contractor Certification of Asbestos-Free Product Installation

Name of building: \_\_\_\_\_

1. Contractor name and address:

\_\_\_\_\_  
Name

\_\_\_\_\_  
Street City State Zip

2. Brief scope of contracted activities:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Certification statement:

I \_\_\_\_\_, representing and having authority for \_\_\_\_\_  
\_\_\_\_\_(company), hereby certify that any and all products/materials which will be and/or have been  
installed or introduced into the above-mentioned building, \_\_\_\_\_ (project name and/or number)  
are asbestos free (or less than 1% asbestos by weight).

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Company

\_\_\_\_\_  
Position

\_\_\_\_\_  
Date

**ATTACHMENT B**  
**LEGAL STATUS OF BIDDER**

(The bidder shall fill out the appropriate form and strike out the other three.)

Bidder declares that it is:

\* A corporation organized and doing business under the laws of the State of \_\_\_\_\_, for whom \_\_\_\_\_, bearing the office title of \_\_\_\_\_, whose signature is affixed to this Bid, is authorized to execute contracts.

**NOTE: If not incorporated in Michigan, please attach the corporation's Certificate of Authority**

• A limited liability company doing business under the laws of the State of \_\_\_\_\_, whom \_\_\_\_\_ bearing the title of \_\_\_\_\_ whose signature is affixed to this proposal, is authorized to execute contract on behalf of the LLC.

\* A partnership, organized under the laws of the state of \_\_\_\_\_ and filed in the county of \_\_\_\_\_, whose members are (list all members and the street and mailing address of each) (attach separate sheet if necessary):

---

---

---

---

---

\* An individual, whose signature with address, is affixed to this Bid: \_\_\_\_\_  
(initial here)

**Authorized Official**

\_\_\_\_\_ **Date** \_\_\_\_\_, 202\_

(Print) Name \_\_\_\_\_ Title \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Contact Phone ( ) \_\_\_\_\_ Fax ( ) \_\_\_\_\_

Email \_\_\_\_\_

**ATTACHMENT C**

**BID FORM**

Company: \_\_\_\_\_

**Schedule of Pricing/Cost –**

<b>No.</b>	<b>Item Description</b>	<b>Price</b>
1	Material	\$
2	Labor	\$
3	Permits	\$
4	General Conditions/Other	\$
5	Contractor's Fee	\$

**Base Bid \$ \_\_\_\_\_**

**Voluntary Alternate # \_\_\_\_\_**

**Description:**

**Add/(Deduct) \$ \_\_\_\_\_**

---

Name

Title

Date

**ATTACHMENT D**  
**CITY OF ANN ARBOR DECLARATION OF COMPLIANCE**  
**NON-DISCRIMINATION ORDINANCE**



**CITY OF ANN ARBOR DECLARATION OF COMPLIANCE**

Non-Discrimination Ordinance

The “non discrimination by city contractors” provision of the City of Ann Arbor Non-Discrimination Ordinance (Ann Arbor City Code Chapter 112, Section 9:158) requires all contractors proposing to do business with the City to treat employees in a manner which provides equal employment opportunity and does not discriminate against any of their employees, any City employee working with them, or any applicant for employment on the basis of actual or perceived age, arrest record, color, disability, educational association, familial status, family responsibilities, gender expression, gender identity, genetic information, height, HIV status, marital status, national origin, political beliefs, race, religion, sex, sexual orientation, source of income, veteran status, victim of domestic violence or stalking, or weight. It also requires that the contractors include a similar provision in all subcontracts that they execute for City work or programs.

In addition the City Non-Discrimination Ordinance requires that all contractors proposing to do business with the City of Ann Arbor must satisfy the contract compliance administrative policy adopted by the City Administrator. A copy of that policy may be obtained from the Purchasing Manager

The Contractor agrees:

- (a) To comply with the terms of the City of Ann Arbor’s Non-Discrimination Ordinance and contract compliance administrative policy, including but not limited to an acceptable affirmative action program if applicable.
- (b) To post the City of Ann Arbor’s Non-Discrimination Ordinance Notice in every work place or other location in which employees or other persons are contracted to provide services under a contract with the City.
- (c) To provide documentation within the specified time frame in connection with any workforce verification, compliance review or complaint investigation.
- (d) To permit access to employees and work sites to City representatives for the purposes of monitoring compliance, or investigating complaints of non-compliance.

The undersigned states that he/she has the requisite authority to act on behalf of his/her employer in these matters and has offered to provide the services in accordance with the terms of the Ann Arbor Non-Discrimination Ordinance. The undersigned certifies that he/she has read and is familiar with the terms of the Non-Discrimination Ordinance, obligates the Contractor to those terms and acknowledges that if his/her employer is found to be in violation of Ordinance it may be subject to civil penalties and termination of the awarded contract.

---

Company Name

---

Signature of Authorized Representative                      Date

---

Print Name and Title

---

Address, City, State, Zip

---

Phone/Email Address

**Questions about the Notice or the City Administrative Policy, Please contact:**  
Procurement Office of the City of Ann Arbor (734)  
794-6500

**ATTACHMENT E**  
**LIVING WAGE DECLARATION OF COMPLIANCE FORM**

CITY OF ANN ARBOR  
LIVING WAGE ORDINANCE DECLARATION OF COMPLIANCE

The Ann Arbor Living Wage Ordinance (Section 1:811-1:821 of Chapter 23 of Title I of the Code) requires that an employer who is (a) a contractor providing services to or for the City for a value greater than \$10,000 for any twelve- month contract term, or (b) a recipient of federal, state, or local grant funding administered by the City for a value greater than \$10,000, or (c) a recipient of financial assistance awarded by the City for a value greater than \$10,000, shall pay its employees a prescribed minimum level of compensation (i.e., Living Wage) for the time those employees perform work on the contract or in connection with the grant or financial assistance. The Living Wage must be paid to these employees for the length of the contract/program.

*Companies employing fewer than 5 persons and non-profits employing fewer than 10 persons are exempt from compliance with the Living Wage Ordinance. If this exemption applies to your company/non-profit agency please check here  No. of employees \_\_\_\_\_*

The Contractor or Grantee agrees:

- (a) To pay each of its employees whose wage level is not required to comply with federal, state or local prevailing wage law, for work covered or funded by a contract with or grant from the City, no less than the Living Wage. The current Living Wage is defined as \$16.43/hour for those employers that provide employee health care (as defined in the Ordinance at Section 1:815 Sec. 1 (a)), or no less than \$18.32/hour for those employers that do not provide health care. The Contractor or Grantor understands that the Living Wage is adjusted and established annually on April 30 in accordance with the Ordinance and covered employers shall be required to pay the adjusted amount thereafter to be in compliance with Section 1:815(3).

***Check the applicable box below which applies to your workforce***

- Employees who are assigned to any covered City contract/grant will be paid at or above the applicable living wage without health benefits
- Employees who are assigned to any covered City contract/grant will be paid at or above the applicable living wage with health benefits

- (b) To post a notice approved by the City regarding the applicability of the Living Wage Ordinance in every workplace or other location in which employees or other persons contracting for employment are working.
- (c) To provide to the City payroll records or other documentation within ten (10) business days from the receipt of a request by the City.
- (d) To permit access to work sites to City representatives for the purposes of monitoring compliance and investigating complaints or non-compliance.
- (e) To take no action that would reduce the compensation, wages, fringe benefits, or leave available to any employee covered by the Living Wage Ordinance or any person contracted for employment and covered by the Living Wage Ordinance in order to pay the living wage required by the Living Wage Ordinance.

The undersigned states that he/she has the requisite authority to act on behalf of his/her employer in these matters and has offered to provide the services or agrees to accept financial assistance in accordance with the terms of the Living Wage Ordinance. The undersigned certifies that he/she has read and is familiar with the terms of the Living Wage Ordinance, obligates the Employer/Grantee to those terms and acknowledges that if his/her employer is found to be in violation of Ordinance it may be subject to civil penalties and termination of the awarded contract or grant of financial assistance.

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
Signature of Authorized Representative

\_\_\_\_\_  
Date

\_\_\_\_\_  
City, State, Zip

\_\_\_\_\_  
Print Name and Title

\_\_\_\_\_  
Phone/Email address

**ATTACHMENT F**  
**VENDOR CONFLICT OF INTEREST DISCLOSURE FORM**



## Vendor Conflict of Interest Disclosure Form

All vendors interested in conducting business with the City of Ann Arbor must complete and return the Vendor Conflict of Interest Disclosure Form in order to be eligible to be awarded a contract. Please note that all vendors are subject to comply with the City of Ann Arbor’s conflict of interest policies as stated within the certification section below.

If a vendor has a relationship with a City of Ann Arbor official or employee, an immediate family member of a City of Ann Arbor official or employee, the vendor shall disclose the information required below.

1. No City official or employee or City employee’s immediate family member has an ownership interest in vendor’s company or is deriving personal financial gain from this contract.
2. No retired or separated City official or employee who has been retired or separated from the City for less than one (1) year has an ownership interest in vendor’s Company.
3. No City employee is contemporaneously employed or prospectively to be employed with the vendor.
4. Vendor hereby declares it has not and will not provide gifts or hospitality of any dollar value or any other gratuities to any City employee or elected official to obtain or maintain a contract.
5. Please note any exceptions below:

Conflict of Interest Disclosure*	
Name of City of Ann Arbor employees, elected officials or immediate family members with whom there may be a potential conflict of interest.	<input type="checkbox"/> Relationship to employee <hr/> <input type="checkbox"/> Interest in vendor’s company <input type="checkbox"/> Other (please describe in box below)

\*Disclosing a potential conflict of interest does not disqualify vendors. In the event vendors do not disclose potential conflicts of interest and they are detected by the City, vendor will be exempt from doing business with the City.

I certify that this Conflict of Interest Disclosure has been examined by me and that its contents are true and correct to my knowledge and belief and I have the authority to so certify on behalf of the Vendor by my signature below:		
Vendor Name	Vendor Phone Number	
Signature of Vendor Authorized Representative	Date	Printed Name of Vendor Authorized Representative

Questions about this form? Contact Procurement Office City of Ann Arbor Phone: 734/794-6500, [procurement@a2gov.org](mailto:procurement@a2gov.org)

**ATTACHMENT G**

**Non-Discrimination Ordinance Poster**

## CITY OF ANN ARBOR NON-DISCRIMINATION ORDINANCE

Relevant provisions of Chapter 112, Nondiscrimination, of the City of Ann Arbor Code are included below. You can review the entire ordinance at [www.a2gov.org/humanrights](http://www.a2gov.org/humanrights).

**Intent:** It is the intent of the City of Ann Arbor that no individual be denied equal protection of the laws; nor shall any individual be denied the enjoyment of his or her civil or political rights or be discriminated against because of actual or perceived age, arrest record, color, disability, educational association, familial status, family responsibilities, gender expression, gender identity, genetic information, height, HIV status, marital status, national origin, political beliefs, race, religion, sex, sexual orientation, source of income, veteran status, victim of domestic violence or stalking, or weight.

**Discriminatory Employment Practices:** No person shall discriminate in the hire, employment, compensation, work classifications, conditions or terms, promotion or demotion, or termination of employment of any individual. No person shall discriminate in limiting membership, conditions of membership or termination of membership in any labor union or apprenticeship program.

**Discriminatory Effects:** No person shall adopt, enforce or employ any policy or requirement which has the effect of creating unequal opportunities according to actual or perceived age, arrest record, color, disability, educational association, familial status, family responsibilities, gender expression, gender identity, genetic information, height, HIV status, marital status, national origin, political beliefs, race, religion, sex, sexual orientation, source of income, veteran status, victim of domestic violence or stalking, or weight for an individual to obtain housing, employment or public accommodation, except for a bona fide business necessity. Such a necessity does not arise due to a mere inconvenience or because of suspected objection to such a person by neighbors, customers or other persons.

**Nondiscrimination by City of Ann Arbor Contractors:** All contractors proposing to do business with the City of Ann Arbor shall satisfy the contract compliance administrative policy adopted by the City of Ann Arbor Administrator in accordance with the guidelines of this section. All City of Ann Arbor contractors shall ensure that applicants are employed and that employees are treated during employment in a manner which provides equal employment opportunity and tends to eliminate inequality based upon any classification protected by this chapter. All contractors shall agree not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of any applicable protected classification. All contractors shall be required to post a copy of Ann Arbor's Non-Discrimination Ordinance at all work locations where its employees provide services under a contract with the City of Ann Arbor.

**Complaint Procedure:** If any individual believes there has been a violation of this chapter, he/she may file a complaint with the City of Ann Arbor's Human Rights Commission. The complaint must be filed within 180 calendar days from the date of the individual's knowledge of the allegedly discriminatory action or 180 calendar days from the date when the individual should have known of the allegedly discriminatory action. A complaint that is not filed within this timeframe cannot be considered by the Human Rights Commission. To file a complaint, first complete the complaint form, which is available at [www.a2gov.org/humanrights](http://www.a2gov.org/humanrights). Then submit it to the Human Rights Commission by e-mail ([hrc@a2gov.org](mailto:hrc@a2gov.org)), by mail (Ann Arbor Human Rights Commission, PO Box 8647, Ann Arbor, MI 48107), or in person (City of Ann Arbor Clerk's Office). For further information, please call the commission at 734-794-6141 or e-mail the commission at [hrc@a2gov.org](mailto:hrc@a2gov.org).

**Private Actions For Damages or Injunctive Relief:** To the extent allowed by law, an individual who is the victim of discriminatory action in violation of this chapter may bring a civil action for appropriate injunctive relief or damages or both against the person(s) who acted in violation of this chapter.

THIS IS AN OFFICIAL GOVERNMENT NOTICE AND  
MUST BE DISPLAYED WHERE EMPLOYEES CAN READILY SEE IT.

**ATTACHMENT H**  
**LIVING WAGE POSTER**



# CITY OF ANN ARBOR LIVING WAGE ORDINANCE

**RATE EFFECTIVE APRIL 30, 2024 - ENDING APRIL 29, 2025**

**\$16.43** per hour

If the employer provides health care benefits\*

**\$18.32** per hour

If the employer does **NOT** provide health care benefits\*

Employers providing services to or for the City of Ann Arbor or recipients of grants or financial assistance from the City of Ann Arbor for a value of more than \$10,000 in a twelve-month period of time must pay those employees performing work on a City of Ann Arbor contract or grant, the above living wage.

## ENFORCEMENT

The City of Ann Arbor may recover back wages either administratively or through court action for the employees that have been underpaid in violation of the law. Persons denied payment of the living wage have the right to bring a civil action for damages in addition to any action taken by the City.

Violation of this Ordinance is punishable by fines of not more than \$500/violation plus costs, with each day being considered a separate violation. Additionally, the City of Ann Arbor has the right to modify, terminate, cancel or suspend a contract in the event of a violation of the Ordinance.

\* Health Care benefits include those paid for by the employer or making an employer contribution toward the purchase of health care. The employee contribution must not exceed \$.50 an hour for an average work week; and the employer cost or contribution must equal no less than \$1/hr for the average work week.

**The Law Requires Employers to Display This Poster Where Employees Can Readily See It.**

**For Additional Information or to File a Complaint contact Colin  
Spencer at 734/794-6500 or [cspencer@a2gov.org](mailto:cspencer@a2gov.org)**

Revised 2/1/2024

**Attachment I**  
**Building Inventory**



**Attachment J**  
**IMEG Drawings**



**ANN ARBOR HOUSING WEST ARBOR**  
657 - 749 N. MAPLE RD, ANN ARBOR, MI



201 S. ANN ARBOR STREET  
ANN ARBOR, MI 48106  
734.426.8900

PROFESSIONAL SEAL

CONSULTANT

KEY PLAN

AGENCY APPROVAL

DESIGNER

MEG DESIGN'S PROFESSIONAL DESIGN SERVICES, INCLUDING CONCEPTS, TO THIS DRAWING AND THE DATA HEREON THEREOF. MEG DESIGN'S AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF MEG AND SHALL NOT BE REPRODUCED, COPIED, OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF MEG CONSULTANTS, CORP.



No. Date Revision Issue

SHEET INFORMATION	
Issue	REVISED BIOSPERMITS
Date	05/22/2024
Project#	2304726.00
Drawn	J. WRIGHT
Checked	L. WOODS
Approved	D. NEITHAMMER

**ELECTRICAL COVERSHEET**

SCALE  
As Indicated

SHEET NUMBER  
**E0.01**

**ELECTRICAL GENERAL NOTES:**

- (L####) INDICATES THE LIGHTING SEQUENCE OF OPERATION FOR THE SPACE. REFER TO THE LIGHTING SEQUENCE OF OPERATION MATRIX ON SHEET E-000.
- SHADED LUMINAIRE OR DEVICE INDICATES LUMINAIRE OR DEVICE IS CONNECTED TO AN EMERGENCY CIRCUIT.
- (B/F) PUSH BUTTON REFERS TO SCENE QUANTITY. CONTROL STATION SHALL BE CAPABLE OF (RAISE/LOWER AND SWITCHING ON/OFF FOR MULTIPLE SCENES AS INDICATED ON SHEETS) AND THE LIGHTING SEQUENCE OF OPERATIONS (LFO). COORDINATE QUANTITIES OF BUTTONS FOR CONTROL STATIONS WITH LIGHTING CONTROL MANUFACTURER. REFER TO SHEET E-000.
- (Z###) INDICATES THE LIGHTING ZONES FOR THE SPACE. PROVIDE SEPARATE CONTROL OF EACH CONTROLLED ZONE. LUMINAIRES ASSOCIATED WITH THE SAME ZONE SHALL OPERATE TOGETHER WITHIN THE SAME PROGRAMMED SCENE. REFER TO SHEET E-000.
- REFER TO SHEET E-XXX FOR LIGHTING CONTROL ONE-LINE DIAGRAM.
- REFER TO SHEET E-XXX FOR LUMINAIRE SCHEDULE.

**LUMINAIRE KEY:**

- FL = FIXTURE TAG
- TC = CIRCUIT NUMBER
- LUMINAIRE:
  - # = SWITCH DESIGNATION
  - "SE" INDICATES LUMINAIRE IS SWITCHED/CONTROLLED DURING NORMAL OPERATION AND OPERATES FROM [EMERGENCY BATTERY EXTEND UNSWITCHED CIRCUIT LEG TO BATTERY] (EMERGENCY CIRCUIT) UPON LOSS OF POWER.
  - "#F LABEL IS ORIENTED HORIZONTALLY A SLASH WILL SEPARATE THIS INFORMATION EX: F1 / #A / N.

**DEVICE KEY:**

- # = MOUNTING (IF APPLICABLE)
- 1 = CIRCUIT NUMBER
- "#F LABEL IS ORIENTED HORIZONTALLY A SLASH WILL SEPARATE THIS INFORMATION EX: #1 /

**ELECTRICAL MOUNTING SUBSCRIPT KEY:**

- A MOUNT AT 1" TO CENTERLINE ABOVE COUNTER OR BACKPLASH
- C MOUNT AT CEILING (DEVICE OR ROUGH-IN CENTER)
- H MOUNT ORIENTED HORIZONTALLY
- L MOUNT IN CASEWORK
- M MOUNT IN MODULAR FURNITURE
- O WIRING DEVICE, OCCUPANCY CONTROLLED
- R MOUNT IN SURFACE RACEWAY
- S SURFACE MOUNTED
- W WEATHERPROOF WIRING DEVICE, NEMA 3R WHILE-IN-USE COVER, WR LISTED
- WG WIRE GUARD
- WP WEATHERPROOF

**ELECTRICAL SHEET INDEX**

NO.	DESCRIPTION
E0.01	ELECTRICAL COVERSHEET
E0.1	ELECTRICAL RISER - WEST ARBOR 657 & 680
E0.2	ELECTRICAL RISER - WEST ARBOR 680, 701 & 730 N MAPLE
E0.3	ELECTRICAL RISER - WEST ARBOR 700 N MAPLE
E0.4	ELECTRICAL RISER - WEST ARBOR 710 N MAPLE
E0.5	ELECTRICAL RISER - WEST ARBOR 740, 749 N MAPLE
E0.6	ELECTRICAL DETAILS
GRAND TOTAL: 7	

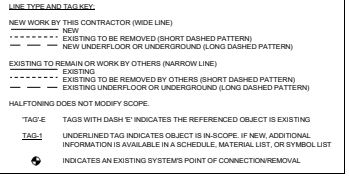
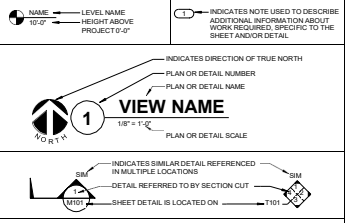
**ELECTRICAL RENOVATION NOTES:**

- THESE NOTES APPLY TO ALL ELECTRICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO LIGHTING, POWER, FIRE ALARM, AND OTHER LOW VOLTAGE SYSTEMS.
- EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS. CONTRACTOR SHALL REVIEW EXISTING CONDITIONS AND REPORT CONFLICTS.
  - NOT ALL EXISTING EQUIPMENT, LUMINAIRES, AND CONDUIT ARE SHOWN. CONTRACTOR SHALL REVIEW EXISTING CONDITIONS AND REPORT CONFLICTS.
  - CONTRACTOR SHALL REVIEW EXISTING CONDITIONS PRIOR TO FABRICATION OF CABLE TRAY, BUSWAY, CONDUIT RIGGING, AND OTHER SYSTEMS. RISERS AND DROPS MAY BE NECESSARY BECAUSE OF EXISTING FIELD CONDITIONS.
  - ELECTRICAL CONTRACTOR SHALL REVIEW EXISTING CONDITIONS TO VERIFY ACCESSIBILITY TO THE AREAS OF THEIR WORK INCLUDING WALLS, FLOOR, CEILING, CEILING TIE/SIGRID, AND ROOF. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING ACCESSIBILITY, PATCHING, AND REINSTALLATION OF AFFECTED AREAS ASSOCIATED WITH THEIR WORK BY COORDINATING WITH THE GENERAL CONTRACTOR OR QUALIFIED CONTRACTOR.
  - WHERE EXISTING ELECTRICAL SYSTEMS ARE LOCATED IN AREAS THAT CONFLICT WITH NEW EQUIPMENT, PIPING, OR DUCTWORK TO BE INSTALLED, EACH CONTRACTOR SHALL EITHER ARRANGE NEW EQUIPMENT, CONDUIT, OR DUCTWORK IN SUCH A FASHION THAT IT DOES NOT CONFLICT WITH EXISTING SYSTEMS, OR REWORK EXISTING ELECTRICAL SYSTEMS TO ALLOW FOR INSTALLATION OF NEW EQUIPMENT, PIPING, OR DUCTWORK.

**ELECTRICAL INSTALLATION NOTES:**

- THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE ADA STANDARDS FOR ACCESSIBLE DESIGN. REFER TO THE ADA GUIDELINES FOR ALL CONFIGURATION DETAILS ON THIS PAGE FOR ADDITIONAL INFORMATION.
- CIRCUIT NUMBERS ARE SHOWN FOR CIRCUIT IDENTIFICATION. CIRCUITING SHALL AGREE WITH NUMBERING ON THE PANEL PROVIDED. COMMON NEUTRALS MAY NOT BE USED FOR BRANCH CIRCUITS. BALANCE THE LOAD ON PANEL AS EVENLY AS POSSIBLE BETWEEN EACH PHASE.
- FLUSH MOUNT ALL LIGHTING CONTROL DEVICES AT +4" FROM FLOOR (CENTERLINE DIMENSION), EXCEPT WHERE OTHERWISE NOTED.
- FLUSH MOUNT ALL DUXIDE RECEPTACLES AND TECHNOLOGY OUTLETS AT +1" FROM FLOOR (CENTERLINE DIMENSION), EXCEPT WHERE OTHERWISE NOTED. RECEPTACLES AND OUTLETS MAY BE SURFACE MOUNTED WHEN CONDUIT IS SPECIFIED EXPOSED. MOUNT EXTERIOR LOCATED RECEPTACLES WITH WHILE-IN-USE COVERS AT +20" FROM FINISHED GRADE (CENTER DIMENSION) TO MAINTAIN INSTALLED ADA COMPLIANCE.
- ALL MATERIAL USED TO SEAL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL BE TESTED AND CERTIFIED AS A SYSTEM PER ASTM E814 STANDARDS FOR FIRE TESTS OF THROUGH-PENETRATION FIRESTOPS. REFER TO D7 05 03 AND 28 05 03 (DIVISION 7 [26 05 03] FOR ADDITIONAL INFORMATION AND REQUIREMENTS SPECIFIC TO FIRESTOPPING.
- CONNECTION FOR ELECTRIC WATER COOLERS (EWC) SHALL BE A JUNCTION BOX CONCEALED BEHIND WATER COOLERS ACCESS PLATE OR BE A DR RECEPTACLE LOCATED DIRECTLY BELOW AND CENTERED ON EWC. CONTRACTOR SHALL VERIFY TYPE OF EWC TO BE INSTALLED.
- MOUNT ALL FIRE ALARM PULL STATIONS AT +4" FROM FLOOR (CENTERLINE DIMENSION) EXCEPT WHERE OTHERWISE NOTED.
- INSTALL ALL WALL MOUNTED FIRE ALARM NOTIFICATION DEVICES AT 90" ABOVE FINISHED FLOOR OR 6" BELOW THE CEILING, WHICHEVER IS LOWER, EXCEPT WHERE OTHERWISE NOTED. HEIGHT SHALL BE MEASURED TO THE TOP OF THE DEVICE.
- CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL CEILING MOUNTED DEVICES AND EQUIPMENT WITH LUMINAIRES, SPRINKLER, AND CEILING DIFFUSERS. CENTER ALL DEVICES IN CEILING TILE PATTERNS. SMOKE DETECTORS, CARBON MONOXIDE DETECTORS, AND OCCUPANCY/VACANCY SENSORS SHALL BE LOCATED NO CLOSER THAN 3 FEET TO AN AIR SUPPLY DIFFUSER OR RETURN GRILLE. CARBON MONOXIDE DETECTORS SHALL BE LOCATED 10 PLUS FT FROM FIRE PLACES, COOKING, AND SIMILAR FUEL-BURNING APPLIANCES.
- CONTRACTOR SHALL VERIFY ALL FURNITURE, MODULAR FURNITURE, AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS, AND REVIEWED SHOP DRAWINGS, PRIOR TO MAKING THE ACTUAL ELECTRICAL INSTALLATION. THIS CONTRACTOR SHALL ADJUST RECEPTACLES, OUTLETS, OR CONNECTION LOCATIONS TO ACCOMMODATE FURNITURE AND/OR EQUIPMENT.
- ELECTRICAL AND TECHNOLOGY EQUIPMENT SHALL BE MOUNTED TO AVOID IMPEDANCE OF OPERATION OF, AND/OR ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTINGS OF ELECTRICAL AND TELECOMMUNICATIONS EQUIPMENT ON WALLS SUPPLIED BY ANOTHER CONTRACTOR, SHALL BE APPROVED IN ADVANCE BY THE OTHER CONTRACTOR.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL OPENINGS SHALL BE REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUDED OR SEALED INTO OPENINGS.
- EACH CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED BY THEIR ACTIONS TO THE WALLS, FLOORS, CEILING, AND ROOFS. THE CONTRACTOR WHOSE WORK CAUSES DAMAGE IS RESPONSIBLE FOR PATCHING TO MATCH ORIGINAL CONSTRUCTION, FIRE RATING, AND FINISH.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN, ELECTRICAL, TECHNOLOGY, AUDIOVISUAL, AND OTHER ELECTRICAL PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED DEVICES, OTHER THAN SPRINKLERS.
- ELECTRICAL IDENTIFICATION. REFER TO SPECIFICATION SECTION 26 05 03 FOR COLOR/LABEL REQUIREMENTS FOR CONDUIT, BOX, CABLE/WIRE, AND EQUIPMENT.

**VIEW KEY**



**CONTRACTOR ABBREVIATION KEY**

ABBR:	DESCRIPTION:
A.C.	ASBESTOS ABATEMENT CONTRACTOR
A.V.C.	AUDIOVISUAL CONTRACTOR
C.C.	CIVIL CONTRACTOR
C.M.	CONSTRUCTION MANAGER
E.C.	ELECTRICAL CONTRACTOR
F.P.C.	FIRE PROTECTION CONTRACTOR
F.S.C.	FOOD SERVICE CONTRACTOR
G.C.	GENERAL CONTRACTOR
H.C.	HEATING CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
N.C.C.	NURSE CALL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
S.C.	SECURITY CONTRACTOR
T.C.	TECHNOLOGY CONTRACTOR
T.C.C.	TEMPERATURE CONTROLS CONTRACTOR
V.C.	VENTILATION CONTRACTOR

**ELECTRICAL ABBREVIATION KEY**

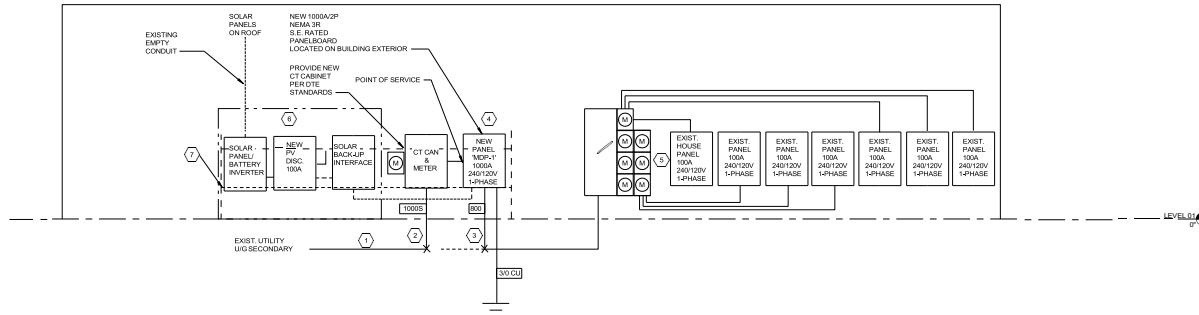
ABBR:	DESCRIPTION:
ABV	ABOVE
AFD	ABOVE FINISHED CEILING
AFP	ABOVE FINISHED FLOOR
AFB	ABOVE FINISHED GRADE
ASR	ARCHITECTURAL SURFACE RACEWAY
BC	BELOW COUNTER
C	CONDUIT (BRANCH CIRCUIT OR FEEDER CONTEXT)
CO	CONDUIT AND BOX ROUGH-IN ONLY (ROUGH-IN ONLY)
EO	EQUIPMENT GROUND
EGC	EQUIPMENT GROUNDING CONDUCTOR
EOL	END OF LINE
EPO	EMERGENCY POWER OFF
GFR	GROUND FAULT REMOTE
HDA	HANDOFF/AUTO
ITR	IT RACK MOUNTED RECEPTACLE
NC	NORMALLY CLOSED
NEMA#	NEMA RATING
NC	NOT IN CONTRACTED SCOPE
NO	NORMALLY OPEN
ROOF	EQUIPMENT LOCATED ON ROOF ABOVE
SM	SURFACE MOUNTED
TYP	TYPICAL
UG	UNDERGROUND
UN	UNLESS OTHERWISE NOTED



**ANN ARBOR HOUSING  
WEST ARBOR**  
657 - 749 N. MAPLE RD, ANN ARBOR, MI



201 S. ANN ARBOR STREET  
ANN ARBOR, MI 48106  
P: 734.426.8900



**1 EXISTING/RENOVATION RISER - 657, 677 & 689 N MAPLE**  
12" = 1'-0"

(7) ELECTRICAL KEY NOTES:

- PROVIDE NEW UTILITY FEEDER AS NOTED.
- INTERCEPT EXISTING CONDUCTORS. SPlice, REWORK AND EXTEND SECONDARY FEEDER TO NEW MDP AND DTE APPROVED CT METER AND CAN. COORDINATE WITH UTILITY FOR DIVISION OF LABOR.
- INTERCEPT EXISTING CONDUCTORS. SPlice REWORK AND EXTEND FEEDER FROM PANEL MDP1 TO EXISTING 600A METER CENTER. PROVIDE NEW SECONDARY WIRING WITH NEUTRAL AND GROUND AS REQUIRED.
- INDIVIDUAL METERS SERVICE ARE BEING REPLACED WITH ONE METER. PROVIDE PANEL GUARD AS REQUIRED FOR DISTRIBUTION TO EXISTING SERVICE.
- PROVIDE METER BILINGS AND INTERNAL BUS CONNECTIONS AS REQUIRED. EACH METER SOCKET BASE HAS 100 AMP BREAKER TO PROTECT FEEDER AND SERVE AS DISCONNECT FOR EACH UNIT.
- SOLAR EQUIPMENT DESIGN, AND INSTALLATION BY OTHERS. COORDINATE INSTALLATION AS REQUIRED FOR LOCATION OF PANEL, MDP AND FUTURE CONNECTIONS.
- MOUNT ALL EQUIPMENT ON NEW GALVANIZED METAL FRAME. DIMENSIONS AND MATERIAL TO BE DETERMINED. COORDINATE EXACT LOCATION WITH OWNER AND UTILITY COMPANY BEFORE BEGINNING INSTALLATION.

**FEEDER SCHEDULE**

###	WIRE SIZES (COPPER)	CONDUIT	WIRE SIZES (ALUMINUM)	CONDUIT
200	4#30, #1 GND	2 1/2"	4, 250KCMIL, #4 GND	2 1/2"
200A	4#8#	2"	4, 250KCMIL	2 1/2"
600	2 SETS 4-300KCMIL #1 GND	(2) 3"	3 SETS 4-600KCMIL #30 GND	(2) 3 1/2"
600S	2 SETS 4-300KCMIL	(2) 3"	2 SETS 4-600KCMIL	(2) 3 1/2"
800	2 SETS 4-600KCMIL #1/0 GND	(2) 3 1/2"	3 SETS 4-600KCMIL #30 GND	(3) 3"
800S	2 SETS 4-600KCMIL	(2) 3 1/2"	3 SETS 4-600KCMIL	(3) 3"
1000	3 SETS 4-600KCMIL #20 GND	(3) 3"	3 SETS 4-600KCMIL #40 GND	(3) 3 1/2"
1000S	3 SETS 4-600KCMIL	(3) 3"	3 SETS 4-600KCMIL	(3) 3 1/2"

**NOTES:**

- NEUTRAL WIRES NOT REID FOR TRANSFORMER PRIMARIES
- SEE RISER DIAGRAM FOR SERVICE GROUNDING ELECTRODE CONDUCTOR SIZING IN LIEU OF GROUND INDICATED (COPPER ROUNDS IN ALL CASES).
- "S" INDICATES SERVICE FEEDERS
- "C" INDICATES FEEDERS COMPENSATED FOR CONTINUOUS LOAD.
- "\*" INDICATES FEEDERS COMPENSATED FOR VOLTAGE DROP.
- "N" INDICATES AN ADDITIONAL NEUTRAL.

**PANEL 'MDP-1'**  
SINGLE TUB  
SOLID NEUTRAL  
GROUND BUS

MOUNTING: SURFACE  
ENCLOSURE: NEMA 1  
FED FROM: 0 AOSP (B)  
LOCATION:  
KVA RATING:

MAIN: 1000 A MCB  
VOLTS: 120/240 Single  
PHASE: 1  
WIRE: 3  
SCCR: 65 kA TO BE VERIFIED  
ISC UNKNOWN 0.00 kA

**NOTES:**

K E V	CKT NO.	LOAD DESCRIPTION	OCBP		WIRE SIZE		A		B		WIRE SIZE		OCBP		LOAD DESCRIPTION	CKT NO.	K E V
			AMPS	#	H	N	G	A	B	G	N	H	P	AMPS			
-	1	SOLAR DISCONNECT BREAKER	200A	2	-	-	0	0	0	0	-	-	2	0/A	-	2	48
-	3	-	-	-	-	-	0	0	0	0	-	-	-	-	-	4	48
-	5	10 A	2	-	-	-	M	0	0	0	-	-	2	G/A	-	8	48
-	7	-	-	-	-	-	0	0	0	0	-	-	-	-	-	8	48
-	8	800A SUBP BREAKER FOR EXISTING	800A	2	-	-	B	-	-	-	-	-	-	-	-	10	48
-	11	-	-	-	-	-	-	B	-	-	-	-	-	-	-	12	48
Total Load:			0.00 kVA	0.00 kVA													
Total Amps:			0.00	0.00													

**LOAD SUMMARY**

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*
Peak	0 kVA	0.00%	0 kVA	TOTAL CONNECTED LOAD: 0.00 kVA
Unit Demand	0 kVA	0.00%	0 kVA	TOTAL ESTIMATED DEMAND LOAD: 0 kVA
				TOTAL CONNECTED AMPS: 0.00 A
				TOTAL ESTIMATED DEMAND AMPS: 0 A

\*TOTAL DEMAND LOAD IS SUBTRACT ANY DEPENDENT LOAD AND THE SMALLER OF ANY NON-COINCIDENT LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES: SEE RISER FOR WIRE SIZES

PROFESSIONAL SEAL

CONSULTANT

KEY PLAN

AGENCY APPROVAL

ISSUANCE

THIS DRAWING IS PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THE DRAWING AND THE DATA HEREON THEREOF. ANY REPRODUCTION OR USE OF THIS DRAWING OR THE DATA HEREON WITHOUT THE WRITTEN PERMISSION OF IMEG CONSULTANTS, LLC IS STRICTLY PROHIBITED.

REVISED

No. Date Reason Issue

SHEET INFORMATION

Issue REVISED BIDS/PERMITS

Date 06/22/2024

Project# 2304726.00

Drawn J. WRIGHT

Checked L. WOOD

Approved D. NETHAMMER

SHEET TITLE

**ELECTRICAL RISER - WEST ARBOR 657, 677 & 689**

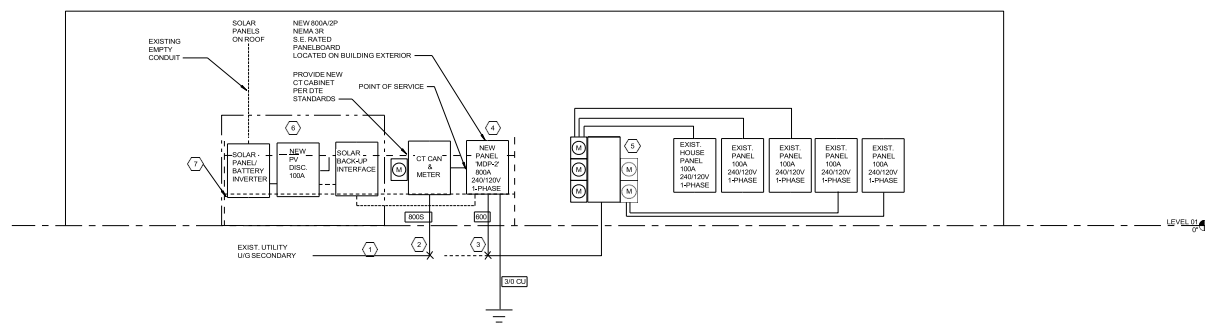
Scale As Indicated

SHEET NUMBER

**E5.1**



**IMEG**  
 The IMEG Group  
 201 S. ANN ARBOR STREET  
 ANN ARBOR, MI 48106  
 P: 734.420.8900



**1 EXISTING/RENOVATION RISER - 669, 701 & 735 N MAPLE**  
 12" = 1'-0"

- ELECTRICAL KEY NOTES:**
1. PROVIDE NEW UTILITY FEEDER AS NOTED.
  2. INTERCEPT EXISTING CONDUCTORS. SPLICE, REWORK AND EXTEND SECONDARY FEEDER TO NEW MDP AND OTE APPROVED CT METER AND CAN. COORDINATE WITH UTILITY FOR DIVISION OF LABOR.
  3. INTERCEPT EXISTING CONDUCTORS. SPLICE, REWORK AND EXTEND FEEDER FROM PANEL, MDP TO EXISTING METER CENTER. PROVIDE NEW SECONDARY WIRING AS REQUIRED.
  4. INDIVIDUAL METERED SERVICES ARE BEING REPLACED WITH ONE METER. PROVIDE PANELBOARD AS REQUIRED FOR DISTRIBUTION TO EACH UNIT.
  5. PROVIDE METER BILINGS AND INTERNAL BUS CONNECTIONS AS REQUIRED. EACH METER SOCKET BASE HAS 100 AMP BREAKER TO PROTECT FEEDER AND SERVE AS DISCONNECT FOR EACH UNIT.
  6. SOLAR EQUIPMENT DESIGN AND INSTALLATION BY OTHERS. COORDINATE INSTALLATION AS REQUIRED FOR LOCATION OF PANEL, MDP AND FUTURE CONNECTIONS.
  7. MOUNT ALL EQUIPMENT ON NEW GALVANIZED METAL FRAME. DIMENSIONS AND MATERIAL TO BE DETERMINED. COORDINATE EXACT LOCATION WITH OWNER AND UTILITY COMPANY BEFORE BEGINNING INSTALLATION.

MOUNTING: SURFACE		ENCLOSURE: NEMA 1		FED FROM: 0 AOSP @		LOCATION:		PANEL MDP-2		SINGLE TUB		MAIN: 800 A MCB		VOLTS: 120/240 Single		PHASE: 1		WIRE: 3		SCCR: 65 KA TO BE VERIFIED		ISC UNKNOWN 0.00 KA																						
NOTES:																																												
K E Y	C K T NO.	LOAD DESCRIPTION	OCPD AMPS	P	W I R E SIZE	H	V D %	A	B	C	V D %	W I R E SIZE	D	N	H	P	OCPD AMPS	LOAD DESCRIPTION	C K T NO.	K E Y	LOAD SUMMARY																							
																					CONNECTED LOAD	ESTIMATED DEMAND																						
-	3	SOLAR BACK FEED BREAKER	500	2	-	-	-	0														0 kVA	0.00%																					
-	5																					0 kVA	0.00%																					
-	7																					0 kVA	0.00%																					
-	9	BGA SUPPLIED FOR EXISTING	800	2	-	-	-	0														0 kVA	0.00%																					
-	11																					0 kVA	0.00%																					
																						<b>Total Load:</b>	0.00 kVA	0.00 kVA	0.00 kVA																			
																						<b>Total Amps:</b>	0.00	0.00	0.00																			
LOAD CLASSIFICATION																																												
Power																																												
TOTALS*																																												
TOTAL CONNECTED LOAD:												0.00 kVA																																
TOTAL ESTIMATED DEMAND LOAD:												0.00 kVA																																
TOTAL CONNECTED AMPS:												0.00 A																																
TOTAL ESTIMATED DEMAND AMPS:												0.00 A																																
*TOTAL DEMAND CALCUS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCONCURRENT PHASE LOADS. THIS CALC IS DONE AT EACH PANEL.																																												
CIRCUIT KEY NOTES:																																												

PROFESSIONAL SEAL  
 CONSULTANT  
 KEY PLAN  
 AGENCY APPROVE

DISCLAIMER  
 IMEG RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA HEREON THEREOF. ANY DRAWING OR INFORMATION ARE THE EXCLUSIVE PROPERTY OF IMEG AND SHALL NOT BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF IMEG.  
 IMEG CONSULTANTS' OADR

Revised: 08/22/2024  
 Project#: 23004726.00  
 Drawn: J. WRIGHT  
 Checked: L. WOODS  
 Approved: D. NETHAMMER

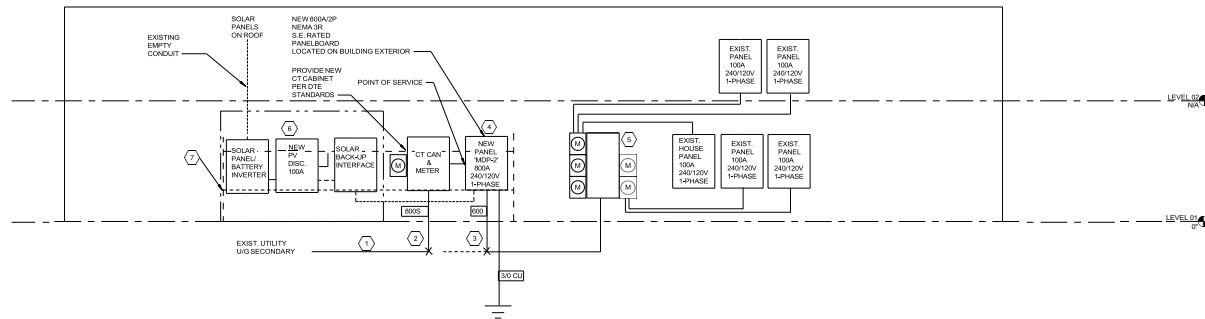
**ELECTRICAL RISER - WEST ARBOR 669, 701 & 735 N MAPLE**  
 SCALE: 12" = 1'-0"

**E5.2**

23004726.00 7/24/2024 12:48:47 PM WEST ARBOR



201 S. ANN ARBOR STREET  
ANN ARBOR, MI 48106  
P: 734.426.8900



**1 EXISTING/RENOVATION RISER - 709 N MAPLE**

- ELECTRICAL KEY NOTES:**
- PROVIDE NEW UTILITY FEEDER AS NOTED.
  - INTERCEPT EXISTING CONDUCTORS. SPLICE, REWORK AND EXTEND SECONDARY FEEDER TO NEW MDP AND DTE APPROVED CT METER AND CAN. COORDINATE WITH UTILITY FOR DIVISION OF LABOR.
  - INTERCEPT EXISTING CONDUCTORS. SPLICE REWORK AND EXTEND FEEDER FROM PANEL MDP TO EXISTING 60A METER CENTER. PROVIDE NEW SECONDARY WIRING IF REQUIRED.
  - INDIVIDUAL METERS SERVICES ARE BEING REPLACED WITH ONE METER. PROVIDE PANELBOARD AS REQUIRED FOR DISTRIBUTION TO EACH UNIT.
  - PROVIDE METERS BILKINS AND INTERNAL BUS CONNECTIONS AS REQUIRED. EACH METER SOCKET BASE HAS 100 AMP BREAKER TO PROTECT FEEDER AND SERVE AS DISCONNECT FOR EACH UNIT.
  - SOLAR EQUIPMENT DESIGN AND INSTALLATION BY OTHERS. COORDINATE INSTALLATION AS REQUIRED FOR LOCATION OF PANEL MDP AND FUTURE CONNECTIONS.
  - MOUNT ALL EQUIPMENT ON NEW GALVANIZED METAL FRAME. DIMENSIONS AND MATERIAL TO BE DETERMINED. COORDINATE EXACT LOCATION WITH OWNER AND UTILITY COMPANY BEFORE BEGINNING INSTALLATION.

PANEL MDP-2														
MOUNTING: SURFACE														
ENCLOSURE: NEMA 1														
FED FROM: 0 ASP @														
LOCATION:														
SINGLE TUB														
SOLID NEUTRAL														
GROUND BUS														
MAIN: 800 A MCC														
VOLTS: 120/240 Single														
PHASE: 1														
WIRE: 3														
SCCR: 65 KA TO BE VERIFIED														
ISC UNKNOWN 0.00 KA														

PKT NO.	LOAD DESCRIPTION	OCBP AMPS	WIRE SIZE	VD %	A	B	C	VD %	WIRE SIZE	OCBP AMPS	LOAD DESCRIPTION	PKT NO.
1	SOLAR BACK FEED BREAKER	200 A	2	0								2
3												4
5												6
7												8
9	BBA SUBFEED FOR EXISTING	600 A	2	0								10
11												12
Total Load:		0.00 A	0.00 kVA	0.00 kVA								
Total Amps:		0.00	0.00	0.00								

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*
Power	0.00 A	0.00%	0.00 A	TOTAL CONNECTED LOAD: 0.00 kVA
				TOTAL ESTIMATED DEMAND LOAD: 0.00 A
				TOTAL CONNECTED AMPS: 0.00 A
				TOTAL ESTIMATED DEMAND AMPS: 0.00 A

\* TOTAL DEMAND CALCUS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCONCURRENT PHASE LOADS. THIS CALC IS DONE AT EACH PANEL.

PROFESSIONAL SEAL

CONSULTANT

KEY PLAN

AGENCY APPROVE

REVISIONS

NO. DATE REVISION

ISSUE INFORMATION

ISSUE: REVISED BIDS/PERMITS

DATE: 05/22/2024

PROJECT#: 23004728.00

DRAWN: J. WRIGHT

CHECKED: L. WOODS

APPROVED: D. NIETHAMMER

SHEET TITLE: ELECTRICAL RISER - WEST ARBOR 709 N MAPLE

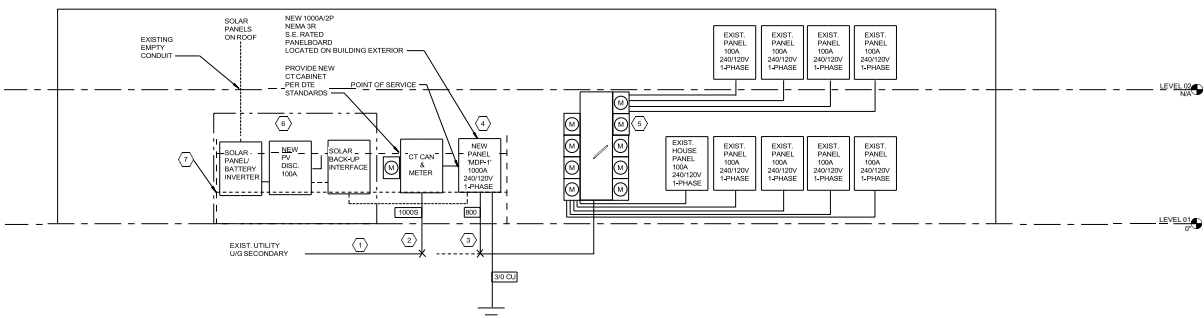
SHEET NUMBER: 12" x 14"

E5.3

23004728.00 7/24/2024 12:48:47 PM WEST ARBOR



**IMEG**  
The IMEG Group  
201 S. ANN ARBOR STREET  
ANN ARBOR, MI 48106  
P: 734.426.8900



**1 EXISTING/RENOVATION RISER - 709 N MAPLE**  
12" = 1'-0"

- ELECTRICAL KEY NOTES:**
- PROVIDE NEW UTILITY FEEDER AS NOTED.
  - INTERCEPT EXISTING CONDUCTORS. SPLICE, REWORK AND EXTEND SECONDARY FEEDER TO NEW MDP-1 AND DTE APPROVED CT METER AND CAN. COORDINATE WITH UTILITY FOR DIVISION OF LABOR.
  - INTERCEPT EXISTING CONDUCTORS. SPLICE REWORK AND EXTEND FEEDER FROM PANEL MDP-1 TO EXISTING 60A METER CENTER. PROVIDE NEW SECONDARY WIRING IF REQUIRED.
  - INDIVIDUAL METERS/BUSSES ARE BEING REPLACED WITH ONE METER. PROVIDE PANELBOARD AS REQUIRED FOR DISTRIBUTION TO EACH UNIT. NEW SERVICE ENTRANCE FOR BUILDING. BOND NEUTRAL AND GROUND AS REQUIRED.
  - PROVIDE METER BLANKS AND INTERNAL BUS CONNECTIONS AS REQUIRED. EACH METER SOCKET BASE HAS 100 AMP BREAKER TO PROTECT FEEDER AND SERVE AS DISCONNECT FOR EACH UNIT. SERVICE ENTRANCE LOCATION HAS CHANGED REMOVE BONDING BETWEEN NEUTRAL AND GROUND AS REQUIRED. SOLAR EQUIPMENT DESIGN AND INSTALLATION BY OTHERS. COORDINATE INSTALLATION AS REQUIRED FOR LOCATION OF PANEL MDP-1 AND FUTURE CONNECTIONS.
  - MOUNT ALL EQUIPMENT ON NEW GALVANIZED METAL FRAME. DIMENSIONS AND MATERIAL TO BE DETERMINED. COORDINATE EXACT LOCATION WITH OWNER AND UTILITY COMPANY BEFORE BEGINNING INSTALLATION.

MOUNTING: SURFACE		ENCLOSURE: NEMA 1		FED FROM: 0 ASP @		LOCATION:		KVA RATING:		MAIN: 1000 A MCB		VOLTS: 120/240 Single		PHASE: 1		WIRE: 3		SCCR: 65 kA TO BE VERIFIED		ISC UNKNOWN 0.00 kA	
<b>PANEL 'MDP-1'</b>																					
SINGLE TUB										SOLID NEUTRAL GROUND BUS											
NOTES:																					
KEY	CMT NO.	LOAD DESCRIPTION	OCBP	AMPS	P	WIRE SIZE			A	B	WIRE SIZE			OCBP	AMPS	LOAD DESCRIPTION	CMT NO.	KEY			
						H	N	G			G	N	H								
-	3	SOLAR BACKFEED BREAKER	200	1	2				0	0											
-	5		10 A	2					0	0											
-	7		800 A	2					0	0											
-	9	800 A SUBFEED BREAKER FOR EXISTING	800	2					0	0											
Total Load:			0.00	kVA				0													
Total Amps:			0.00					0													
LOAD SUMMARY																					
LOAD CLASSIFICATION		CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND		TOTALS*															
Phase		0 kVA	0.00%	0 kVA		0.00 kVA															
Load Demand		0 kVA	0.00%	0 kVA		0.00 kVA															
				TOTAL CONNECTED LOAD:		0 kVA															
				TOTAL ESTIMATED DEMAND LOAD:		0 kVA															
				TOTAL CONNECTED AMPS:		0 A															
				TOTAL ESTIMATED DEMAND AMPS:		0 A															
*TOTAL DEMAND FACTOR SUBSTANTLY DIFFERENT FROM DEMAND LOAD AND THE SMALLER OF ANY DISCONNECTED LOADS. THIS CALCULATE SCORE AT EACH PANEL.																					
CIRCUIT KEY NOTES: SEE RISER FOR WIRE SIZES																					

PROFESSIONAL SEAL

CONSULTANT

KEY PLAN

AGENCY APPROVAL

REVISIONS

No.	Date	Revision / Issue

SHEET INFORMATION

Issue: REVISED BIDS/PERMITS

Date: 05/22/2024

Project#: 2304728.00

Drawn: J. WRIGHT

Checked: L. WOODS

Approved: D. NIETHAMMER

SHEET TITLE: ELECTRICAL RISER - WEST ARBOR 719 N MAPLE

Scale: 12" = 1'-0"

SHEET NUMBER: E5.4

2304728.00 7/24/2024 12:48:47 PM WEST ARBOR





THE IMEG BUILDING  
201 S. ANN ARBOR STREET  
ANN ARBOR, MI 48106  
P: 734.420.8000

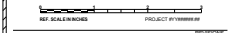
PROFESSIONAL SEAL

CONSULTANT

KEY PLAN

AGENCY APPROVAL

IMEG RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA THEREON. NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF IMEG. CONTACT IMEG CONSULTANTS CORP.



Scale: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_

Issue: \_\_\_\_\_  
Date: 05/22/2024

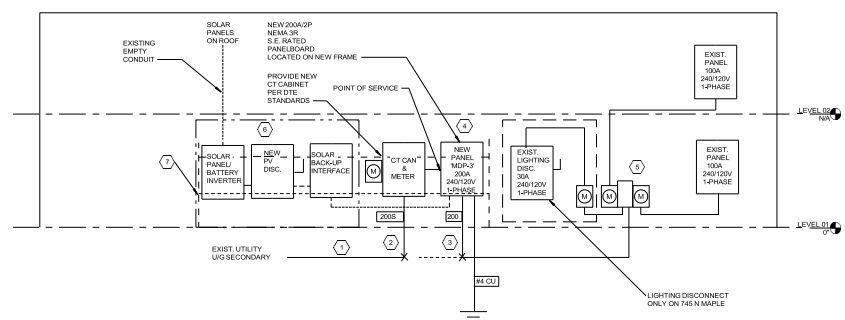
Project #: 2304726.00  
Drawn by: J. WRIGHT

Checked by: A. WOODS  
Approved by: D. NIETHAMMER

SHEET TITLE  
**ELECTRICAL RISER - WEST ARBOR  
745,749 N MAPLE**

Scale: \_\_\_\_\_  
12" = 1'-0"

SHEET NUMBER  
**E5.5**



**1 EXISTING/RENOVATION RISER - 745, 749 N MAPLE**  
12" = 1'-0"

**ELECTRICAL KEY NOTES:**

1. PROVIDE NEW UTILITY FEEDER AS NOTED.
2. INTERCEPT EXISTING CONDUCTORS. SPLICE, REWORK AND EXTEND SECONDARY FEEDER TO NEW MDP AND OTE APPROVED CT METER AND CAN. COORDINATE WITH UTILITY FOR DIVISION OF LABOR.
3. INTERCEPT EXISTING CONDUCTORS. SPLICE REWORK AND EXTEND FEEDER FROM PANEL MDP TO EXISTING 60A METER CENTER. PROVIDE NEW SECONDARY WIRING IF REQUIRED.
4. INDIVIDUAL METERS SERVICES ARE BEING REPLACED WITH ONE METER. PROVIDE PANELBOARD AS REQUIRED FOR DISTRIBUTION TO EACH UNIT.
5. PROVIDE METER BLANKS AND INTERNAL BUS CONNECTIONS AS REQUIRED. EACH METER SOCKET BASE HAS 100 AMP BREAKER TO PROTECT FEEDER AND SERVE AS DISCONNECT FOR EACH UNIT.
6. SOLAR EQUIPMENT DESIGN AND INSTALLATION BY OTHERS. COORDINATE INSTALLATION AS REQUIRED FOR LOCATION OF PANEL, MDP AND FUTURE CONNECTIONS.
7. MOUNT ALL EQUIPMENT ON NEW GALVANIZED METAL FRAME. DIMENSIONS AND MATERIAL TO BE DETERMINED. COORDINATE EXACT LOCATION WITH OWNER AND UTILITY COMPANY BEFORE BEGINNING INSTALLATION.

**PANEL MDP-3**

MOUNTING: SURFACE  
ENCLOSURE: NEMA 3R  
FED FROM: 0 AWP @  
LOCATION:

SINGLE TUB  
SOLID NEUTRAL  
GROUND BUS

MAIN: 200 A MCB  
VOLTS: 120/40 Single  
PHASE: 1  
WIRE: 3  
SCCR: 65 KA TO BE VERIFIED  
ISC UNKNOWN 0.00 KA

NOTES:

KEY	CIRCUIT NO.	LOAD DESCRIPTION	OCB P	AMP	P	WIRE SIZE			A	B	WIRE SIZE			OCB P	AMP	LOAD DESCRIPTION	CIRCUIT NO.	KEY	
						H	N	G			VD %	G	N						H
	1	REVERSE FEED BREAKER	100	2													2		
	3																4		
	7																8		
	8	SUBFEED BREAKER	200	2													10		
	11																12		
			Total Load:			0.00	0.00	0.00	0.00	0.00									
			Total Amps:			0.00	0.00												

LOAD CLASSIFICATION	LOAD SUMMARY			TOTALS*
	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	
Other	0.00 kVA	0.00%	0.00 kVA	TOTAL CONNECTED LOAD: 0.00 kVA
				TOTAL ESTIMATED DEMAND LOAD: 0.00 kVA
				TOTAL CONNECTED AMPS: 0.00 A
				TOTAL ESTIMATED DEMAND AMPS: 0.00 A

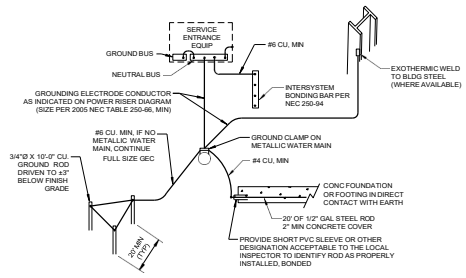
\*TOTAL DEMAND CALCULCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT PEAK LOADS. THIS CALCULCS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

2304726.00 7/24/2024 12:58:47 PM WEST ARBOR



201 S. ANN ARBOR STREET  
 ANN ARBOR, MI 48106  
 P: 734.422.8900



**1 GROUNDING DETAIL**  
 08" x 1'-0"

PROFESSIONAL SEAL

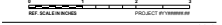
CONSULTANT

KEY PLAN

AGENCY APPROVAL

DISCLAIMER

IMEG DESIGN IS PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO IMEG CONSULTANTS AND THE DATA SHOWN THEREON. IMEG CONSULTANTS AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF IMEG CONSULTANTS CORP.



NO. DATE POSITION ISSUE PROJECT NO. REVISIONS

SHEET INFORMATION	
Title	REVISED BIDS/PERMITS
Date	05/22/2024
Project#	23004726.00
Drawn	J. WRIGHT
Checked	L. WOODS
Approved	D. NETHAMMER

**ELECTRICAL DETAILS**

SCALE  
 1/8" = 1'-0"

SHEET NUMBER  
**E7.0**