



CALIFORNIA CONSTRUCTION AUTHORITY

REQUEST FOR PROPOSALS

Shasta District Fair Resilience Center
For the
27th District Agricultural Association,
Shasta District Fair

Proposals Due: 8/29/2024

Mandatory Pre-Proposal Meeting 8/8/2024

Prepared by:

California Construction Authority (CCA)
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July 23, 2024

REQUEST FOR PROPOSALS

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CALIFORNIA CONSTRUCTION AUTHORITY

ARCHITECTURAL CONSULTING SERVICES

REQUEST FOR PROPOSALS

The California Construction Authority (CCA), who provides construction consulting, design development, construction development and project management services to the statewide Network of California Fairgrounds (the majority of which are public entities), is seeking qualified consultant/firms to provide Architectural Consulting services for the 27th District Agricultural Association, Shasta District Fair.

CCA is seeking consultants/firms that offer the following services:

Phase 1: Design Development

CCA intends to remodel Trinity Hall by adding an HVAC system, insulating, upgrading windows, installing new roof, and potentially installing fire alarm/suppression. In addition, there will be a new, standalone, 1500sf commercial kitchen created on the north side of Shasta Hall. The site of the proposed project is at the 27th District Agricultural Association, Shasta District Fair. 1890 Briggs St, Anderson, CA 96007.

Utilizing CCA provided Needs Assessment Report and direction from CCA and the Shasta District Fair, the Consultant shall develop three (3) recommended alternatives to a conceptual (30%) design level and provide conceptual renderings; planning level construction estimate; probable annual operational and maintenance costs over the next 20 years; and feasibility evaluation;

Scope of Services

- Research and review existing engineering and design reports including, but not limited to, geotechnical reports, hydrology studies, hydraulic calculations, sewer area studies, etc.
- Research and review existing utilities and services
- Complete three (3) alternative analyses for conceptual site layout (30% design level) including, but not limited to:
 - Basic Architectural plans, including overall site plan, conceptual exterior elevations, and renderings.
 - Basic sequencing plan and how electricity/phone/data/other utilities will be supplied.
 - Planning level construction cost estimate, broken down by major construction category.
 - Probable annual operational and maintenance costs over the next 20 years.
- Feasibility evaluation
- Consultant shall provide draft deliverables and allow CCA and the Shasta District Fair a minimum 2-week review period prior to production of the final deliverables.
- Presentation of alternatives to the Shasta District Fair for alternative selection purposes.



DELIVERABLES

- Existing Studies and Reports
- Utility Record Drawings
- Draft and Final Conceptual (30%) Plans and Renderings
- Draft and Final Estimates
- Draft and Final Feasibility Memo

Phase 2: Preliminary and Final Design, Plan Review, Construction Support, Closeout

The Consultant shall be responsible for providing all preliminary and final professional architectural and engineering design services for the selected event center building and evacuation center improvements. The Consultant shall prepare design documents, drawings and written data as required to prepare contract construction documents for bid.

All design work shall comply with any and all appropriate and applicable federal, state and local design codes and guidelines, including ADA, fire protection, and building codes.

Scope of Services

Preliminary and final professional design services shall include, but not be limited to:

- Complete preliminary site evaluation, assessment, and layout.
- Conduct all field, topographic and control surveys.
- Prepare all geotechnical studies and reports.
- Complete floodplain and drainage study engineering, surveying, analysis, and investigation.
- Complete a Landscape Documentation Package
- Evaluate, design, coordinate and provide for utility services
- Complete draft (60%) site and facility design, including:
 - 60% architectural and engineering plan set, including, but not limited to, site plans, floor plans, roofing plans, civil, mechanical, and electrical plans, landscaping plans, lighting plans, signage plans, low voltage plans, alarm/security plans, furniture/fixtures/equipment (FFE) list and layouts, interior and exterior elevations and renderings, detailed sequencing plan, and options for colors, materials, textures, and finishes.
 - 60% cost estimate, broken down by trade.
 - 60% constructability review.
- Complete final (90%) site and facility design, including:
 - 90% architectural and engineering plan set, including, but not limited to, site plans, floor plans, roofing plans, civil, mechanical and electrical plans, landscaping plans, lighting plans, signage plans, low voltage plans, alarm/security plans, furniture/fixtures/equipment (FFE) list and layouts, interior and exterior elevations and renderings, detailed sequencing plan, and options for colors, materials, textures, and finishes.



- 90% technical specifications.
- 90% cost estimate, broken down by trade.
- 90% constructability review.
- Presentation of the 90% site and facility design to CCA and the Shasta District Fair for review purposes.
- Complete final stamped and signed construction (100%) site and facility design, and bid documents including:
 - 100% complete architectural and engineering plan set.
 - 100% FFE List and Layouts.
 - 100% technical specifications.
 - 100% reports and studies.
 - 100% cost estimate, broken down by trade.

Deliverables

Formal deliverables (plans, specifications and estimates) shall occur at the 60%, 90%, and 100% completion points for CCA and the Shasta District Fair to review, as well as for the various design studies and reports to be completed. Submittal formats shall follow the guidelines stated herein. The Consultant shall respond to, and incorporate, if appropriate, any and all comments received from CCA, the Shasta District Fair, regulatory agencies, and/or utilities.

Formal deliverables shall include:

- Plans: Construction plan deliverables for review shall be submitted at the 60%, 90%, and 100% design stages. Eight (8) paper sets, reduced by 50%, shall be submitted at each review stage to allow CCA and all other Review Team members to provide a thorough review of the project documents. 100% final construction plans shall be delivered in the following formats:
 - AutoCad format (.DWG). Delivery shall be either via USB flash drive or online file transfer.
 - Portable Document Format (.PDF) file(s) of final plans complete with final signatures. Delivery shall be either via USB flash drive or online file transfer.
- Technical Specifications: Specifications shall be prepared utilizing Construction Specifications Institute (CSI) MasterFormat (Current). Deliverables for review shall be submitted at the 90% and 100% design stages, with specifications on 8-1/2" x 11" reproducible paper. One (1) digital sets shall be submitted at the review stages to allow CCA and all other Review Team members to provide a thorough review of the project documents. 100% final specifications shall be delivered in the following formats:
 - 8-1/2" x 11" digital copy, complete with final signatures, ready for reproduction.
 - Portable Document Format (.PDF) file(s) of final specifications complete with final signatures. Delivery shall be either via USB flash drive or online file transfer.



- Current version Microsoft Word format (.DOCX) files of final specifications (signatures not required). Delivery shall be either via USB flash drive or online file transfer.
- Reports and Studies: Reports and Studies for review shall be submitted at the 60%, 90%, and 100% design stages, with estimates on 8-1/2" x 11" reproducible paper. Eight (8) bound sets shall be submitted at the review stages to allow CCA and all other Review Team members to provide a thorough review of the project documents. The 100% final estimate shall be delivered in the following formats:
 - Portable Document Format (.PDF) file of final estimate. Delivery shall be either via USB flash drive or online file transfer.
 - Microsoft Word format (.DOCX) files of final specifications (signatures not required). Delivery shall be either via USB flash drive or online file transfer.
- Construction Cost Estimates: Estimates for review shall be submitted at the 60%, 90%, and 100% design stages, with estimates on 8-1/2" x 11" reproducible paper. One (1) set shall be submitted at the review stages to allow CCA and all other Review Team members to provide a thorough review of the project documents. The 100% final estimate shall be delivered in the following formats:
 - Portable Document Format (.PDF) file of final estimate. Delivery shall be either via USB flash drive or online file transfer.
 - Microsoft Word format (.DOCX) files of final specifications (signatures not required). Delivery shall be either via USB flash drive or online file transfer.

Environmental Compliance and Permitting

The Consultant shall prepare, file, and post all environmental notices, documents, technical studies/assessments for clearance of the California Environment Quality Act (CEQA) pursuant to State CEQA Guidelines. It is anticipated that an Initial Study and Mitigated Negative Declaration will be the final environmental document.

Scope of Services

- Background review and Data Search
- Prepare Administrative Draft Initial Study prior to public circulation examining the following environmental effects:
 - Aesthetics
 - Agricultural Resources
 - Air Quality
 - Biological Resources
 - Cultural Resources
 - Geology/Soils
 - Hazard and Hazardous Materials



- Hydrology/Water Quality
- Land Use/Planning
- Mineral Resources
- Noise
- Population/Housing
- Public Services
- Recreation
- Transportation/Traffic
- Utilities/Service Systems
- Mandatory Findings of Significance
- Prepare Draft Initial Study (including Mitigation Monitoring if any)
- Public Notices (Notice of Intent to Adopt a Negative Declaration and Notice of Completion) and 30-day Review
- Preparation of Responses to Comments on the Draft Initial Study at end of 30-day public review period (if needed)
- Prepare Final Initial Study (including Mitigation Monitoring if any)
- Approve Negative Declaration and File Notice of Determination

Deliverables

- Administrative Draft Initial Study
- Draft Initial Study
- Notice of Intent to Adopt a Negative Declaration
- Notice of Completion
- Responses to Public Review Comments/Administrative Record
- Final Initial Study
- Draft Resolution and Negative Declaration
- Notice of Determination

Phase 3: Plan Check and Permitting through the California Construction Authority

Scope of Services

- The Consultant shall partner, submit, and manage plan check and permitting through California Construction Authority (CCA) including any needed coordination, reviews and inspections with/by the State Fire Marshal and DSA to ensure project approval and permits prior to bid.
- Deliverables
- Final signed 100% plans approved for construction
- Permit for Construction

Construction Management and Support

- The Consultant shall provide Construction Support services during the construction phase of the project to ensure the project maintains, scope, schedule, and budget; to ensure that the Contractor understands all technical aspects of the design and any



design changes; reviews and approves technical submittals and change orders; supports the construction effort on behalf of CCA.

Scope of Services

Services during construction shall include, but not be limited to:

- Attend one (1) pre-construction conference/pre-construction site examination and answer design-related questions that are raised.
- Attend weekly construction progress meetings and conduct periodic site visits as required to keep informed as to the construction status and progress of the project and issues being encountered. The Consultant shall investigate and provide responses to technical questions raised at the meetings.
- Respond to requests for information (RFIs) on technical issues associated with materials, products, design concepts, and design documents. The Consultant shall log all RFIs and responses such that timely responses are assured.
- Provide technical review of shop drawings, diagrams, illustrations, catalog data, schedules, samples, test results, and other data that the Construction Contractor is required to submit for general conformance with the design concepts and compliance with the Contract Documents. The Consultant shall also review and compile vendor O&M manuals from the Construction Contractor for equipment items to make sure they are organized and complete, and contain detailed ordering information, bill-of material, schematic drawing, installation, operation, and maintenance information.
- Assist with Potential Change Order (PCO's) and Construction Directive (CD's) preparation.
- The Consultant shall review proposed changes to make sure they are compatible and coordinated with other project elements, and to make sure they are complete and in compliance with the Contract Documents. The Consultant shall also make recommendations regarding the technical acceptability of substitutions and/or other change requests.
- Witness operational testing of mechanical equipment and systems prior to startup and provide startup assistance to confirm proper operation. The Consultant shall advise City staff about basic operational concepts, actual operation of the systems under normal and abnormal conditions and identify and document issues that need to be addressed to ensure mechanical performance throughout the design life.
- Assist CCA and CCA's Inspector with the final inspection of the facility and applicable portions of the site to confirm the work is complete and that materials and products have been installed in accordance with the technical requirements of the Contract Documents. The Consultant shall also assist in the development of the final punch list of incomplete items for each facility.
- Prepare record drawings reflecting available record information provided by the
- Contractor, tradesman, and equipment suppliers.



Deliverables

Deliverables, except for record drawings, shall be distributed either electronically or via hardcopy.

- All written records related to conferences and meetings.
- RFI, shop drawing, and PCO/CD logs, as well as any technical information backing up decisions.
- Partial and final punch lists.
- Record drawing deliverables shall be delivered in the following formats:
 - 22" x 34" complete with final signatures and professional stamps, ready for reproduction.
- Portable Document Format (.PDF) file(s) of final plans complete with final signatures. Delivery shall be either via USB flash drive or online file transfer.

Consultant/Firm Requirements for Qualification

The minimum requirements for qualification are:

- Minimum of 10 years' experience with comprehensive facility assessment work at facilities with an attendance of 30,000 or more attendees at a fair or other event held within a concentrated period of time (i.e. 30 days or less).
- Specific and relevant experience in the following areas: entertainment venues with indoor seating capacities of 10,000 or more; agriculture facilities; food and beverage operations; regional market analysis; community consensus building; application of CEQA; and landscape architecture.
- CCA desires Consultant to utilize local consultants and expertise when possible.

California Public Records Act

All material submitted in response to this solicitation will become the property of the State of California and will not be returned. In addition, all material submitted may be considered a public record by CCA and subject to disclosure pursuant to the California Public Records Act (Government Code Section 6250 et seq.). Should CCA receive a request for any submitted responses to this RFC, the firm submitting the requested submittal will be contacted prior to disclosure of the response to determine what portions, if any, of the response may be considered confidential. CCA reserves the right, consistent with the California Public Records Act, to make the final determination whether a submittal, or any portion of it, is confidential and not subject to disclosure.

Conflict of Interest Filings

Consultant/Firm agrees to file a Fair Political Practices Commission Form 700, Statement of Economic Interest with CCA, in accordance with CCA's Conflict of Interest Code.



RFP Submittal

Consultants/firms desiring to be considered are to submit a response, limited to ten (10) single-sided pages maximum, exclusive of a cover, index, and summary sheet. A firm brochure may also be submitted but is not required.

Submittal to address the required information and selection criteria outlined in the selection process section of this RFP. (Pages 11-12)

The response is to consist of two (2) bound hard copies and one (1) electronic pdf file on a USB flash drive and must be received in CCA office no later than **3:00 p.m. Thursday, August 29, 2024.**

Responses are to be submitted in a sealed envelope and include the firm name, project name, and project number 027-23-084 on the cover. Faxed or emailed submittals will not be accepted. Submitted material will be considered public information and will not be returned. CCA reserves the right to terminate the selection proceedings at any time.

Responses to be delivered to:

California Construction Authority (CCA),
1776 Tribute Road, Suite 220,
Sacramento, California 95815
Attn: Travis Johnson

All selected qualified consultants/firms will be required to agree and conduct all projects in accordance with CCA's terms and conditions as presented in Appendix B.

It is the policy of CCA to encourage the participation of Small Business Enterprises (SBEs) in all aspects of contracting to the maximum extent feasible. CCA has established participation goals of TWENTY FIVE PERCENT (25%) for SBE. In awarding any contracts, the Authority will consider the efforts of a consultant to meet these goals. Further details of CCA SBE policy are included in Appendix C.

It is the policy of CCA to encourage the participation of Disabled Veteran Owned Business Enterprises (DVBEs) in all aspects of contracting to the maximum extent feasible. Pursuant to State law, CCA has established participation goals of THREE PERCENT (3%) for DVBE. In awarding any contracts, the Authority will consider the efforts of a consultant to meet these goals. Further details of CCA DVBE policy are included in Appendix D.



RFP Timeline (Subject to Change at Date of Issuance)

- 7/26/2024 Wednesday RFP Advertise & Direct Contact Marketing Begins
- 8/8/2024 Thursday 10:00 am– Mandatory Pre-Proposal Meeting
- 8/15/2024 Thursday Request for Clarifications (RFC's) Deadline
- 8/22/2024 Thursday RFC Response
- 8/29/2024 Thursday 3:00 pm - RFP Proposal Submission Deadline
- 8/30/2024 Friday Q&A and Interviews (if necessary)
- 9/12/2024 Thursday Notice of Intent to Award Issued
- 9/16/2024 Monday Notice of Intent to Award Publicly Advertised
- 9/23/2024 Monday One Week Waiting Period Expired
- 9/24/2024 Tuesday Project Award

REQUIRED INFORMATION AND SELECTION CRITERIA

CCA has established selection procedures for obtaining qualified firms to provide professional consulting services.

The criteria for determining and ranking the best-qualified professional consultants/firms will include the following items.

- Professional experience of the Consultant/Firm, knowledge of applicable codes and regulations. (25%).
- Staffing and resource capabilities, including principal and key personnel to be assigned to projects, including abridged resumes. Identify Team Members that will work on this project. Identify their role and experience with Fair and Commercial Kitchen projects in Northern California. (15%)
- Demonstrated ability to prepare work within fixed budgets and to meet time schedules. (15%)
- Nature and quality of projects completed within the last three (3) years, include a minimum of five (5) examples. (10%)
- Reliability and continuity of the firm (5%).
- Geographical coverage. Area where majority of projects completed (5%).
- Small Business and/or Disabled Veteran Business Enterprise status. See Appendix C and D. (5%)
- List of Professional References. Minimum of three (3) references with contact information. (5%)
- Project Fee and Fee Schedule. (10%) (Please note)
- Open discussion and other considerations deemed relevant. (5%)

Firms that are interested may also submit copies of the following documents to support their submittal:

- Brochure (optional)
- Office of Small Business (SBE) & Disabled Veteran Business Enterprise (DVBE) and Certification (see Appendix C and D).
- Letter of interest.



PROPOSAL FORM

Resilience Center 27th DAA / Shasta District Fair CCA Project No. 027-23-084

Submitting Firm Name: _____

Contact Name: _____

Mailing Address: _____

Telephone Number: _____

Fax Number: _____

Email Address: _____

PROJECT FEES:

Phase 1: Design Development (Firm Fixed Price):

\$ _____ DOLLARS
(Numeric) (Written)

Phases 2 & 3: Preliminary and Final Design, Plan Review, Construction Support, Closeout
(Percentage of Hard Construction Cost):

% _____ Comments: _____

Initial Contract will be written for Phase 1 only. It is the intent of CCA to award Phases 2 & 3 only if both parties (CCA & Consultant) agree to continue.



APPENDIX A

HISTORY & GENERAL INFORMATION

In 1880 the 10th District Agricultural Association was founded which included three counties: Siskiyou, Shasta and Trinity. It is this association which organizes and puts on fairs. The first fair in Shasta County was held in 1887. It opened with a parade lead by the Millville Bugle Band, followed by officers of the Association, the Grand Army, the Fire Department, Fraternal Societies, and visiting citizens who were in carriages and on foot. They had a mineral and agricultural display which was shown at Major George's Hall. The fair was sponsored by the Shasta County Agricultural and Mineral Association. In 1888 the exhibits were shown in the 'new' McCormick Saeltzer brick building on Market Street.

In 1889 Shasta County withdrew from the 10th DAA and the 27th District Agricultural Association was formed. Its first fair was held in August, 1889 in the Pine Street School house. Admission was 50¢ for adults and 15¢ per child. Fairs were held annually for the next 6 years. The only fair that was held between 1894 and 1903 was in 1902. It was held in Armory Hall (now the Shasta Regional Hospital site). Wilber Fish's fence-making machine was one of the main attractions. Debrowsky's jewelry, Wm. Bergh's furniture, Miss Margaret Bell's minerals, and Leighton Bros. apples were also among the displays.

During WWI, no fairs were held from 1916 – 1918. From 1918 – 1930 the Farm Bureau took over planning the annual fair, which was held in Anderson at the Terry Box Factory site (east side of the railroad tracks by the old Anderson Catholic Cemetery). The depression of 1931 closed the Fair gates until 1935. In March 1933 the first board was appointed and confirmed by Governor Rolph, and the 27th DAA was reactivated, but even though the Board was in place, the next fair wasn't held until 1935. During WWII, no fairs were held from 1942 – 1945, but since 1946 Fairs have been held every year.

The 27th District Agricultural Association started purchasing property at our current location off Highway 273 the mid 1940's, construction of buildings and barns started going up soon after. Originally the 27th District Agricultural Association did business as the Shasta District Fair. In 2016 we updated the dba to Shasta District Fair and Event Center to promote that we are much more than just the fair, we are also an event center for the community which is ideal to hold weddings and receptions, fundraisers, holiday gatherings, seminars, conferences, large events, etc.

In 1952 the annual fair was held in September. In addition to fair exhibits, the DAA presented a rodeo, vaudeville acts, a dance, hard top races, and various other attractions. The Shasta District Fair was originally held in August, over a period of time it moved to September, then July, and now it is held in June.

Since the move from August to June the focus has moved from agricultural exhibits, due to it being too early to harvest crops, to livestock exhibits and auction. Over the years 4-H, Grange, and FFA have become the backbone of our community and the annual fair. The community supports the JLA with relentless work and contribution. The Junior Livestock Association is an integral part of the Shasta District Fair.

The Event Center is situated on 65 acres featuring 4- large buildings, a huge livestock area and 3 large parking lots to accommodate 5,000 cars. This is the home of the annual Shasta District Fair held in June. The Fair draws over 75,000 people during the 4-day event, the largest event in Shasta County. The Fair features livestock exhibits, arts & crafts, carnival, entertainment, food and drinks.



When the fair isn't running, the event center is available for rent by the public. There are a number of events that bring in more than 200,000 visitors to the grounds annually, including trade shows, weddings, fundraisers and numerous community events.



APPENDIX B

EXAMPLE

CALIFORNIA CONSTRUCTION AUTHORITY

CONSULTANTS STANDARD AGREEMENT

THIS AGREEMENT is made this 4th day of July, 2019, by and between the California Construction Authority hereinafter referred to as "CCA" or "Authority" and Fair Consulting Inc., hereinafter referred to as "Consultant".

1. Purpose

Consultant shall provide professional services in connection with the **"Shasta District Fair Resilience Center" at the Shasta District Fair/27th DAA**, CCA Project# 027-23-084.

2. Scope of Work

Consultant shall provide said services set forth in Exhibit A attached hereto and incorporated herein ("Exhibit A)". Consultant shall provide said services as requested from time to time in writing by the Executive Officer.

3. Compensation

- a. Consultant shall be compensated for services performed pursuant to this Agreement at the rates set forth in Exhibit A.
- b. Subject to modifications or amendments authorized pursuant to Section 11 herein, the total compensation for services performed by Consultant, pursuant to this Agreement, shall not exceed **XXXXX AND 00/100 DOLLARS (\$XX,XXX.00)**.
- c. Payments shall be paid monthly in arrears for services performed during the previous month. CCA will make payment no later than the tenth (10th) day of the month following the month during which Consultant's invoice is received by CCA.
- d. No retention will be held.

4. Materials, Supplies and Equipment

Except as otherwise specifically set forth herein, Consultant shall, at its sole cost and expense, furnish all materials, supplies, and equipment which is or may be required for performance of services pursuant to this Agreement.



5. Ownership

Consultant agrees that all work products including, but not limited to, professional and technical information, all work sheets, designs, drawings, reports, memoranda, and all other tangible personal property of whatever nature developed in the performance of this Agreement shall be the sole property of the Authority, provided that Consultant may retain file copies of these work products. Consultant shall provide these work products to Authority upon request. If Authority uses Consultant's work products for a project other than the project for which the work products were developed, Authority shall hold harmless and indemnify Consultant from any liability for such use to the extent permitted by law.

Consultant will be responsible for materials and equipment needed by you to perform these services.

- a. Except as otherwise directed in writing by Authority, all said work products shall be produced in draft form, marked "WORKING DRAFT" and treated as not being public records subject to disclosure pursuant to Government Code Sections 6250 et seq.
- b. Consultant agrees that the information disclosed to you and any work products produced by you pursuant to this agreement are confidential and you will:
 - (1) Hold such information and work product in confidence.
 - (2) Use such information or work product only as needed for the work to be performed under this agreement.
 - (3) restrict disclosure of such information and work product to those employees and agents (if any) who need to know such information or see such work product in connection with the work performed hereunder and cause such employees or agents to not disclose such information and work product.
 - (4) not copy or otherwise duplicate or distribute such information or work product or allow anyone else to copy or otherwise duplicate or distribute such information or work product except for the purposes of performing services under this agreement; and
 - (5) at Authority's request, promptly return to the Authority all then existing tangible information and work product and certify to the Authority that all other such information has been destroyed.

5.1 Copyright

Architect or Consultant irrevocably grants to CCA, California Fairs and State of California, any/each of them, a nonexclusive license to use any consultant copyrighted material submitted pursuant to this agreement. Such license shall include, but not be limited to, the right to use and reuse such copyrighted materials to construct the buildings or other matters covered by such copyrighted materials for additional use and to license such copyrighted materials for reuse. If the holder of the license modifies any such copyrighted materials for reuse, then Architect or Consultant shall not be deemed to warrant any of such copyrighted materials so modified.

6. Limitation of Compensation



CCA is not obligated to employ Consultant or pay royalties or other compensation of any kind to Consultant as a result of the use by CCA of the work products referred to in Section 5 hereof, whether or not said use relates to the project for which said work product was prepared. CCA shall hold Consultant harmless if product is used for other than intended development.

7. Term of Agreement

The term of this Agreement shall commence on the date first written above and shall terminate on **December 31, 2025** unless extended by mutual consent, in writing, by both parties or terminated as set forth herein.

8. Terms and Conditions

The Standard Form Terms and Conditions attached hereto as Exhibit B and incorporated herein ("Exhibit B") are made a part of this Agreement. Consultant's signature on this Agreement constitutes acknowledgement that Consultant has received said Terms and Conditions.

In the event of any inconsistency between any provision of this Agreement, including Exhibit B, and any provision of Exhibit A, the provisions of this Agreement, including Exhibit B, shall control. In the event of any inconsistency between any provision of this Agreement and any provision of Exhibit B, the provision of this Agreement shall control.

9. Exhibits

All exhibits referred to herein are attached hereto and are incorporated herein by reference.

10. Notices

Notices to the parties shall be sent to Consultant in the following form and at the following address:

*Fair Consulting Inc.
Attn: John Doe
123 Fair Drive
Anderson, CA 96007
Phone: (530) 123-4567
Email: consultant@fairconsultinginc.com*

Notices to CCA shall be sent to the following address:

California Construction Authority (CCA)
Attn: Travis Johnson - Construction Project Manager
1776 Tribute Road, Suite 220
Sacramento, CA 95815-4410
Phone: (916) 263-6121
Fax: (916) 263-6116
Email: tjohnson@ccaauthority.org

11. Modification and Amendments

This Agreement may be modified or amended by mutual consent of Consultant and CCA, evidence in writing, and executed by the parties hereto.

12. Conflict of Interest



a. Definitions

- (1) "Related Entity" includes all owners, directors, officers, and employees of Consultant and the immediate family members (including spouses, brothers, sisters, and children) of those owners, directors, officers and employees.
- (2) A Consultant has a "Financial Interest" if it is reasonably foreseeable that Consultant or any Related Entity may gain a material financial advantage as a result of Consultant's relationship with any bidder, prospective bidder, contractor, subcontractor, or any other entity connected with or directly affected by the services to be performed by this Agreement.

b. Representations

- (1) Consultant represents that it has made diligent inquiry of each Related Entity and that, except as listed below, neither it nor any Related Entity has a Financial Interest in any bidder, prospective bidder, contractor, subcontractor, or any other entity connected with or directly affected by the services to be performed by this Agreement.

(Name)	(Name)
(Address)	(Address)
(Relationship to Consultant)	(Relationship to Consultant)

_____ (initial and use a separate sheet of papers, if necessary).

- (2) Consultant represents that it has made diligent inquiry of each Related Entity and that, except as listed below, neither it nor any Related Entity has a Financial Interest, or anticipates having a Financial Interest, in any contract made, or to be made, by CCA in which Consultant has advised CCA or has participated in preliminary discussions, negotiations, compromises, reasoning, planning, drawing of plans and specifications, or solicitations of bids.

(Name)	(Name)
(Address)	(Address)
(Relationship to Consultant)	(Relationship to Consultant)

_____ (initial and use a separate sheet of papers, if necessary).

- (3) Consultant represents that neither it nor any Related Entity will be a purchaser at any sale made by CCA during the term of this Agreement.



- (4) Consultant represents that neither it nor any Related Entity will be a vendor at any purchase made by CCA during the term of this Agreement.
- (5) Consultant represents that, if disclosure is required pursuant to subdivision c. below, a completed "Form 700 Statement of Economic Interests For Designated Employees" is attached hereto as Exhibit ___ for each owner, director, and officer of Consultant, and for each employee of Consultant responsible for the performance of services under this Agreement.
- (6) Consultant represents that, if disclosure is required pursuant to subdivision c. below, a completed "Form 700 Statement of Economic Interests For Designated Employees" shall be filed for any new owner, directors, or officers during the term of this Agreement.
- (7) Consultant represents that, if disclosure is required pursuant to subdivision c. below, a complete "Form 700 Statement of Economic Interests For Designated Employees" shall be filed for any new employee assigned to perform services under this Agreement; provided, however, that Consultant shall first obtain the consent of CCA for a assignment of any new employees to perform services under this Agreement.
- (8) Consultant represents that it will, and has, attempted to contact CCA to resolve any questions or ambiguities regarding the representations and disclosures required by this Section. Consultant makes the representations in this Section under penalty of perjury under the laws of the State of California.

c. Disclosures

- (1) CCA hereby determines that Consultant is hired to perform a range of duties that are limited in scope. A description of Consultant's duties are contained in "Exhibit A." Based upon that description, Consultant shall:

- _____ Not be required to file a Form 700
- _____ File a Form 700 and disclose pursuant to:
 - _____ Category 1
 - _____ Category 2
 - _____ Category 3

California Fair Financing Authority Executive Director

(2) Disclosure Categories

Category 1: Persons designated in this category shall disclose all investments, business positions in business entities, interest in real property, and sources of income, and also report business positions in business entities or persons who have filed a claim, or have a claim pending, against CCA.

Category 2: Persons designated in this category shall disclose investments, business positions in business entities, and income from sources of the type which within the previous two (2) years have contracted with CCA to furnish services, supplies or materials.



Category 3: Persons designated in this category shall disclose: (a) investments and business positions in any business entity which, during the reporting period, was awarded or bid upon a contract of CCA for, or supplied to it under contract, materials, goods, supplies, or services; (b) interest in real property which, during the reporting period, was acquired by, leased, or otherwise used by CCA for any consideration; and (c) each source of income, provided the income was furnished by or on behalf of any person furnishing or offering to provide real or personal property or services to CCA as stated in subparts (a) or (b) above.

d. Public Record

This contract and all disclosure forms filed pursuant to this contract are public records as defined by Government Code Section 6250, et seq.

CALIFORNIA FAIR FINANCING AUTHORITY

CONSULTANT

By: _____
Randy Crabtree Jr.
Executive Officer of CCA
1776 Tribute Rd., Suite 200
Sacramento, CA 95815-4410

By: _____
John Doe
Fair Consulting Inc.
123 Fair Drive
Anderson, CA 96007

Federal ID Number



CONTRACT STANDARD TERMS AND CONDITIONS

GENERAL PROVISIONS

1. Independent Contractor. At all times during the term of this Agreement, Consultant shall be an independent contractor and shall not be an employee of Authority.
2. Time. Consultant shall devote such time to the performance of services pursuant to this Agreement as may be reasonably necessary for satisfactory performance of Consultant's obligations pursuant to this Agreement.
3. Indemnification. Consultant shall indemnify, protect, defend and hold harmless the State of California, the Authority, California Construction Authority, their members, officers, agents, servants and employees (collectively, the "Indemnitees") from and against any and all Losses (as defined below) arising directly or indirectly, in whole or in part, out of this Agreement or the performance of Consultant's duties under this Agreement, except where such "Losses" are due to the sole active negligence or willful misconduct of the Indemnitees or any of them. As used in this Agreement, "Losses" means claims, demands, losses, damages, liabilities, fines, penalties, charges, administrative or judicial proceedings and orders, judgments, remedial action requirements, enforcement and actions of any kind (including, but not limited to, clean-up actions) and all costs and expenses incurred in connection therewith, including, but not limited to, actual attorney's fees and costs of defense."
4. Consultant not Agent. Except as Authority may specify in writing, Consultant shall have no authority, express or implied, to act on behalf of the Authority in any capacity whatsoever as an agent. Consultant shall have no authority, express or implied, pursuant to this Agreement to bind Authority to any obligation whatsoever.
5. Products of Consulting. All products of consulting shall become the sole property of the Authority and shall be delivered to the Authority before the end of performance under this Agreement.
6. Assignment Prohibited. No party to this Agreement may assign any right or obligation pursuant to this Agreement. Any attempted or purported assignment of any right or obligation pursuant to this Agreement shall be void and of no effect.
7. Termination. This Agreement may be terminated by either party on forty-eight (48) hours written notice to the other; provided, however, if Consultant terminates this Agreement, Consultant shall complete any work assigned to Consultant prior to such termination being effective. The effective date of termination shall be the 48th hour of said written termination notice with no further action by either party.



In the event Authority abandons the project, upon written notification to the Consultant, this Agreement shall terminate. Consultant shall be entitled to the compensation earned by it through the date of termination, computed pro rata up to and including that date. Consultant shall be entitled to no further compensation as of the date of termination except as may be necessary to wind up any work in progress and to deliver products to the Authority. In no event shall the Authority be liable for lost profit.

8. Products to be delivered on Termination. In the event of termination of this Agreement, Consultant shall immediately deliver to Authority all files, memoranda, notes, draft reports and all other matter prepared by Consultant in the course of providing services pursuant to this Agreement, excepting any such material necessary for consultant to complete any work assigned prior to termination by Consultant. All such material shall be the sole property of the Authority.

9. Notices. Any and all notices, demands, requests, or other matters required by this Agreement or by law to be served on, given to, or delivered when personally delivered to the party to whom it is addressed or in lieu of such personal service, when deposited in the United States mail, certified postage prepaid, addressed to the Authority or Consultant as provided in this Agreement. Either party may change his address for the purpose of notices by giving written notice of such change to the other party in the manner as herein provided.

10. INSURANCE

- A. General: The minimum insurance coverages and requirements set forth below shall be maintained by Consultant for the complete term of the Agreement with a licensed insurance carrier(s) acceptable to Authority (hereinafter "insurance requirements"). If Consultant fails to maintain any of the insurance requirements Authority may, but is not required to, obtain such insurance and deduct premiums due for same from any sums due Consultant under the Agreement. Failure of Authority to obtain such insurance shall in no way relieve Consultant of its responsibilities under this Agreement. In no event is Authority responsible for the payment of premiums or deductibles of the required coverages. The failure of Consultant to comply with any of the insurance requirements shall constitute a material breach of the Agreement by Consultant and enable Authority to, along with any other remedies available, terminate the Agreement.

It is the intent of the parties that Consultant's insurance coverage shall be primary and that any separate coverage available to Authority, the State of California, or the Fair (or County) named in the Agreement shall be secondary. Nothing contained in this Agreement shall be construed as limiting in any way the extent to which the Consultant may be held responsible for the payment of all damages resulting from Consultant's operations, acts, omissions or negligence.

- B. Certificate of Insurance Requirement



Consultant shall furnish to Authority a Certificate of Insurance on a standard ACORD form, or other form acceptable to Authority, substantiating the required coverages and limits set forth above and also containing the following:

- i. Thirty (30) days prior written notice to Authority of the cancellation, non-renewal or reduction in coverage of any policy listed on the Certificate; and
- ii. The following statement with respect to the comprehensive general liability policy: "That Authority, the State of California, the Fair (or County) named in the Agreement, their agents, officers, servants, and employees are made additional insureds insofar as the operations under the Agreement are concerned."

C. Comprehensive General Liability

- iii. Comprehensive general liability insurance shall be maintained in a minimum amount of a combined single limit of \$1,000,000 (One Million Dollars) per occurrence as respects bodily injury and/property damage and must also include the following coverages: personal injury, broad form property damage, products and completed operations, contractual liability, losses related to independent contractors and equipment, and explosion, collapse and underground hazards (hereinafter "the liability policy").
- iv. Additional Insured Endorsement - The liability policy shall contain an endorsement in the form of ISO "Additional Insured - Owners, Lessees or Contractors, Form B" naming Authority, , the State of California, and the Fair (or County) named in the Agreement as additional insureds. No modification of ISO Additional Insured Form B will be permitted.
- v. The liability policy shall specify that (1) the inclusion of more than one insured shall not operate to impair the rights of one insured against another insured, and the coverages afforded shall apply as though separate policies had been issued to each insured and (2) it acts as primary insurance and that no coverage held by Authority, , the State of California, or the Fair (or County) named in the Agreement shall be called upon to cover, either in full or in part, any loss covered under it.

D. Professional Liability

- vi. If the fee for services to be provided under this Agreement exceeds \$20,000 (Twenty Thousand Dollars), Consultant shall maintain Professional Liability Insurance covering services and operations under this Agreement in the amount of \$500,000 (Five Hundred Thousand Dollars) per occurrence or in the amount of the fee for services, whichever is greater, with deductibles and exclusions acceptable to Authority. Such coverage is to be maintained for a period of not less than three (3) years following acceptance of work by Authority.



E. Workers' Compensation

- vii. Consultant shall be a qualified self-insurer pursuant to the requirements of the California Labor Code or shall maintain full workers' compensation insurance coverage in accordance with "The Workers' Compensation and Insurance Act," Division IV of the Labor Code, along with Employer's Liability coverage in a minimum sum of \$1,000,000 (One Million Dollars), with either the State Compensation Insurance Fund or a licensed carrier.
- viii. If any injury occurs to any employee of Consultant for which the employee (or his dependents in the event of his death) may be entitled to compensation from Authority under the provisions of said Act, an amount sufficient to such compensation shall be retained by Authority out of the sums due Consultant under the Agreement until such compensation is paid or it is determined that no compensation is due. If Authority is required to pay such compensation, the amount so paid will be deducted from the sums due Consultant.
- ix. If appropriate, Consultant shall execute the "No Employees Certification Form" attached.

F. Certified Copies of Policies

- x. Upon request by Authority, Consultant shall immediately furnish to Authority a complete copy of any policy required herein, including all endorsements, with said copy certified by the underwriter to be a true and correct copy of the original policy.

G. Automobile Liability Insurance

- xi. Consultant shall carry automobile liability insurance with a minimum coverage of \$500,000 per person and per accident for bodily injury and \$100,000 for property damage. Consultant shall either
 - a. Provide Authority with a certificate of insurance on a standard form showing that Consultant maintains the required automobile liability insurance, that the insurer shall not terminate or modify coverage without twenty (20) days' advance written notice to Authority, and that Authority, the State of California and Fair where the work is performed are additional insureds; or
 - b. Affirm in writing the name of Consultant's automobile liability insurer and policy number, the policy limits and effective dates of coverage, which the coverage will be kept in place for the duration of the Agreement, that Consultant has a valid driver's license, and that his or her vehicle is in proper operating condition.
11. Licenses. At its sole cost, Consultant shall obtain and keep in full force and effect during the term of this Agreement, all licenses, permits and other entitlements required for Consultant to legally perform the services provided pursuant to federal, state and local authorities.



12. Attorney's Fees. In the event any action is brought by either party to this contract to enforce this contract or for breach of this contract or for a declaration of rights and duties of the parties to this contract, the prevailing party shall recover its cost of suit and attorney's fees incurred in such action from the other party.

13. Fair Employment. In the performance of this Contract, Consultant will not discriminate against any employee or applicant for employment because of race, religious creed, color, national origin, ancestry, physical handicap, mental condition, marital status, sex or age* pursuant to Section 12940 et seq. of the Government Code. Consultant will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, religious mental condition, marital status, sex or age. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; terms, conditions or privileges of employment; and selection for training, including apprenticeship. Consultant shall post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Authority setting forth the provisions of this Fair Employment provision.

Consultant will permit access to his records of employment, employment advertisements, application forms, and other pertinent data and records by the Fair Employment and Housing Commission or the Authority for the purposes of investigation to ascertain compliance with the Fair Employment section of this contract.

Remedies for willful violation:

1. The Authority may determine a willful violation of these Fair Employment provisions to have occurred upon receipt of a final judgment having that effect from a court in an action to which Consultant was a party, or upon receipt of a written notice from the Fair Employment and Housing Commission that it has investigated and determined that Consultant has violated the California Fair Employment and Housing Act, and has issued an order, under Government Code Section 12970, which has become final, or obtained injunctive relief under Government Code Section 12973.

2. For willful violations of these Fair Employment provisions, the Authority shall have the right to terminate this contract either in whole or in part, and any loss or damage sustained by the Authority in securing the goods or services hereunder shall be borne and paid by consultant and his surety under the performance bond, if any, and the Authority may deduct from any monies due or that thereafter may become due to Consultant, the differences between the price named in the contract and the actual cost thereof to the Authority.

* It is an unlawful employment practice for an employer to refuse to hire or employ, or to discharge, reduce, suspend, or demote any individual over the age of 40 on the ground of age, except in cases where the law complies or provides for such action...." (Government Code Section 12941)



APPENDIX C

CALIFORNIA CONSTRUCTION AUTHORITY (CCA) PARTICIPATION GOALS FOR SMALL BUSINESS ENTERPRISES (SBE)

PROGRAM STATEMENT

1. It is the policy of CCA to encourage the participation of Small Business Enterprises (SBEs) in all aspects of contracting to the maximum extent feasible. This policy constitutes a commitment to increase the utilization of SBEs.

CCA has established participation goals of TWENTY FIVE PERCENT (25%) for SBE. In awarding any contracts, the Authority will consider the efforts of a consultant to meet these goals. Therefore, each selected firm must meet these goals or must make a "good faith effort" to meet these goals. Failure to meet these goals, or to make a good faith effort, may form the basis upon which CCA determines that the consultant is non-responsive, making the consultant ineligible for awards under the contract. CCA reserves the right to exempt certain contracts from the participation goals, as it is the Authority's policy to attempt to achieve these participation goals on an annual basis.

2. The consulting firm, and its vendors, suppliers, and their subcontractors who feel they may qualify as a SBE are encouraged to complete a bidder's application SBE certification form which is available at:

Department of General Services
Office of Small Business and DVBE Services
707 Third Street
West Sacramento, CA 95605
(916) 375-4940

3. Please indicate whether or not the submitting consultant/firm is a SBE.

A. Yes [] No []

Certification No. _____

Certified By: _____

Expiration Date: _____

B. Percentage of contract responsibility to be performed by responding firm: _____



C. If certified SBE subcontractor’s suppliers and/or third parties will be used to perform any or all of the contract, please state name of firm, service or commodity to be provided, and the percentage of contract responsibility.

NAME OF FIRM	SBE #	SERVICE OR COMMODITY	% OF RESPONSIBILITY
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

4. All submitting Firms must select the appropriate certification, date and sign.

Firm **listing** SBE participation:

I hereby certify that I have made a diligent effort to ascertain facts with regard to the representations made herein, to the best of my knowledge and belief, each firm set forth in this bid as a SBE is such an enterprise.

Firm **not** meeting the Authority’s participation goals:

I hereby certify that I have made a “good faith effort,” as defined by section, to meet the SBE participation goals for this contract.

Firm **not** using outside services:

I hereby certify that no work or material is to be supplied by an outside source and therefore are unable to meet SBE participation goals.

Bidders

This declaration is executed on this ____ day of _____, _____, in _____ California.

Signature

Print



APPENDIX D

DISABLED VETERAN OWNED BUSINESS ENTERPRISES (DVBE)

CALIFORNIA CONSTRUCTION AUTHORITY (CCA) PARTICIPATION GOALS FOR DISABLED VETERAN OWNED BUSINESS ENTERPRISES (DVBE)

PROGRAM STATEMENT

1. It is the policy of CCA to encourage the participation of Disabled Veteran Owned Business Enterprises (DVBEs) in all aspects of contracting to the maximum extent feasible. This policy constitutes a commitment to increase the utilization of DVBEs.

Pursuant to State law, CCA has established participation goals of THREE PERCENT (3%) for DVBE. In awarding any contracts, the Authority will consider the efforts of a consultant to meet these goals. Therefore, each Bidder must meet these goals or must make a "good faith effort," as defined by Section 10115 et seq. of the Public Contract Code, to meet these goals. Failure to meet these goals, or to make a good faith effort, may form the basis upon which Authority determines that the consultant is non-responsive, making the consultant ineligible for awards under the contract. CCA reserves the right to exempt certain contracts from the participation goals, as it is the Authority's policy to attempt to achieve these participation goals on an annual basis.

2. The consulting firm, and its vendors, suppliers, and their subcontractors who feel they may qualify as a DVBE are encouraged to complete a bidder's application DVBE certification form which is available at:

Department of General Services
Office of Small Business and DVBE Services
707 Third Street
West Sacramento, CA 95605
(916) 375-4940

3. Please indicate whether or not the submitting consultant/firm is a DVBE.
A. Yes [] No []

Certification No. _____

Certified By: _____

Expiration Date: _____



- B. Percentage of contract responsibility to be performed by responding firm: _____
- C. If certified DVBE subcontractor's suppliers and/or third parties will be used to perform any or all of the contract, please state name of firm, service or commodity to be provided, and the percentage of contract responsibility.

NAME OF FIRM	DVBE #	SERVICE OR COMMODITY	% OF RESPONSIBILITY
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

4. All submitting Firms must select the appropriate certification, date and sign.

Firm **listing** DVBE participation:

I hereby certify that I have made a diligent effort to ascertain facts with regard to the representations made herein, to the best of my knowledge and belief, each firm set forth in this bid as a DVBE is such an enterprise as defined in section 10115.1 of the State Public Contract Code.

Firm **not** meeting the Authority's participation goals:

I hereby certify under penalty of perjury under the laws of the State of California that I have made a "good faith effort," as defined by section 10115.2 of the State Public Contract Code, to meet the DVBE participation goals for this contract.

Firm **not** using outside services:

I hereby certify that no work or material is to be supplied by an outside source and therefore are unable to meet DVBE participation goals.

Bidders

This declaration is executed on this ____ day of _____, _____, in _____ California.

Signature

Print



APPENDIX E

MANDATORY PREPROPOSAL MEETING LOCATION MAP





PRIMARY PROJECT AREA MAP





APPENDIX F

NEEDS ASSESSMENT

SHASTA DISTRICT FAIR RESILIENCY CENTER

10% DESIGN TECHNICAL REPORT



PREPARED FOR:

CALIFORNIA CONSTRUCTION AUTHORITY

PREPARED BY:

RUSSELL GALLAWAY, ASSOCIATES, INC.
PACE ENGINEERING

JULY 24, 2024

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PART 1 - INTRODUCTION

This report has been prepared as a means of summarizing current preliminary findings up to the completion of the 10% design drawings for the benefit of the project team. This report will be distributed to the California Construction Authority (CCA), the Shasta District Fair (the Fair), and consultants for the Resiliency Center Project (the Project).

PART 2 - EXISTING GAS SYSTEM ANALYSIS

PACE Engineering performed an analysis of the existing gas system. After careful review and consideration, it has been determined that the current gas system is undersized and cannot support the addition of any new equipment. Various options on how to handle this situation are included in Part 3 of this report. The existing gas system is shown in Figure 1, with a total existing load of approximately 4,934 MBH.

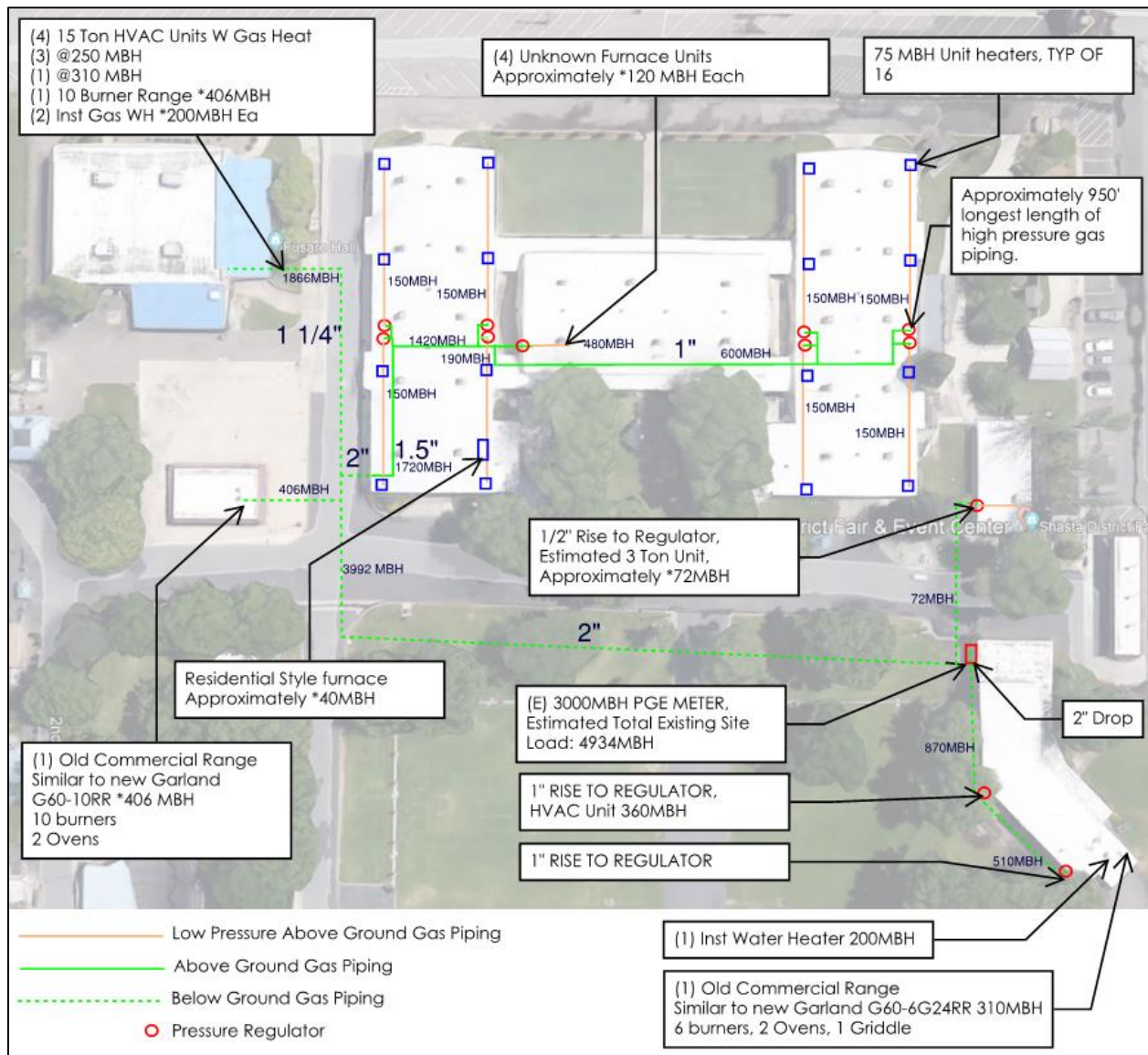


Figure 1 – Existing Gas System

PART 3 - POTENTIAL GAS SYSTEM SOLUTIONS

The following descriptions contain multiple options that may be considered. If any gas changes are made to the existing gas system it should be assumed that the existing gas meter will need to be up-sized and piping changes will need to occur.

3.01 OPTION 1 – ALL ELECTRIC

- A. Design the new kitchen building and the modifications to Trinity Hall to use all electric equipment. No changes to the gas system would be required other than capping existing gas equipment locations in Trinity Hall. This option would provide a gas system that is closer to meeting code sizes as shown in Figure 2 below.

OPTION 1 GAS LOAD = EXISTING GAS LOAD – GAS LOAD REMOVED FROM TRINITY HALL OPTION 1 GAS LOAD = 4,934 - 1,720 = 3,214 MBH
--

Figure 2 – Option 1 Gas Load Analysis

3.02 OPTION 2 – PROVIDE GAS FOR NEW KITCHEN BUILDING

- A. Demolish existing 2" piping underground shown in Figure 4 below, and replace with 3" gas pipe. Abandon range in existing snack area or show that this is a demand load that occurs only when the other kitchen is not in use. Break gas piping connection between Trinity and the other two halls, serve those halls with a new gas line, and serve the new kitchen with a new gas line.

<u>KITCHEN ESTIMATED GAS LOAD</u>

4000 CFM MAU (13' 4" HOOD LENGTH) W/ 35°F TEMP RISE 80% EFFICIENT= 189 MBH
COMMERCIAL RANGE WITH OVENS = 406 MBH
CONVECTION OVEN (2) 90MBH EA = 180 MBH
MISC = 225 MBH
KITCHEN ESTIMATED GAS LOAD = 1,000 MBH

OPTION 2 GAS LOAD = EXISTING GAS LOAD + GAS LOAD FOR NEW KITCHEN BUILDING OPTION 2 GAS LOAD = 4,934 + 1,000 = 5,934 MBH

Figure 3 – Option 2 Gas Load Analysis

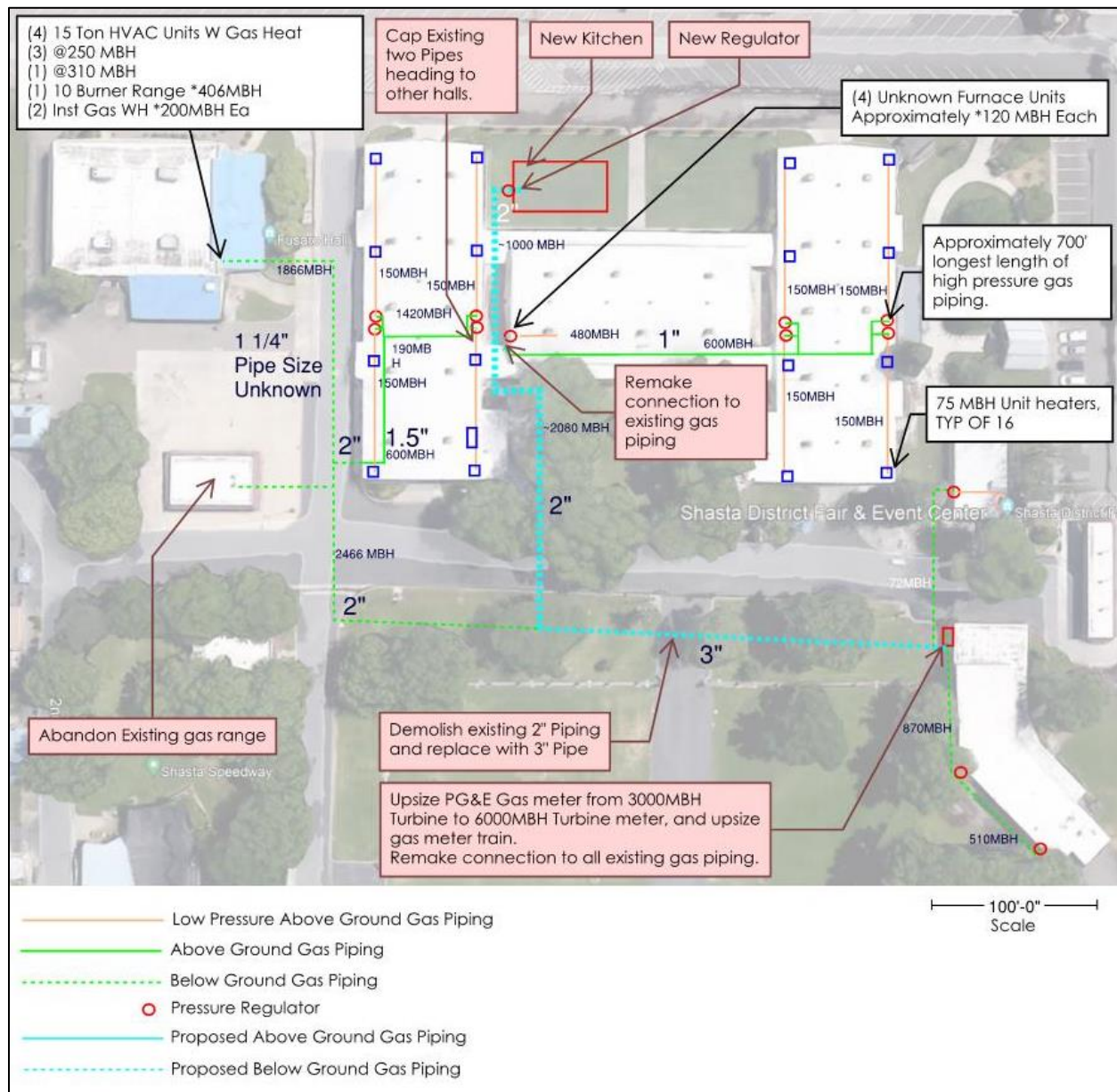


Figure 4 – Option 2 Proposed Gas System

3.03 OPTION 3 – PROVIDE GAS HEATING IN TRINITY HALL

- A. A preliminary estimate of the heating load in Trinity Hall indicates that the heating load in the hall, once it is insulated, should be less than what is currently supplied to the space. However, because cooling load in the space will likely drive the size of the equipment, units of the size expected for this space will likely have higher gas input than is required. Code will still require the gas pipe to be sized for the total of all units maximum gas loads.
- B. All gas changes required in Option 2 will be required in this Option 3. In addition, the 3" piping will likely need to be extended to the Trinity Hall connection location. This also means that the existing range in the shack building may not need to be abandoned.

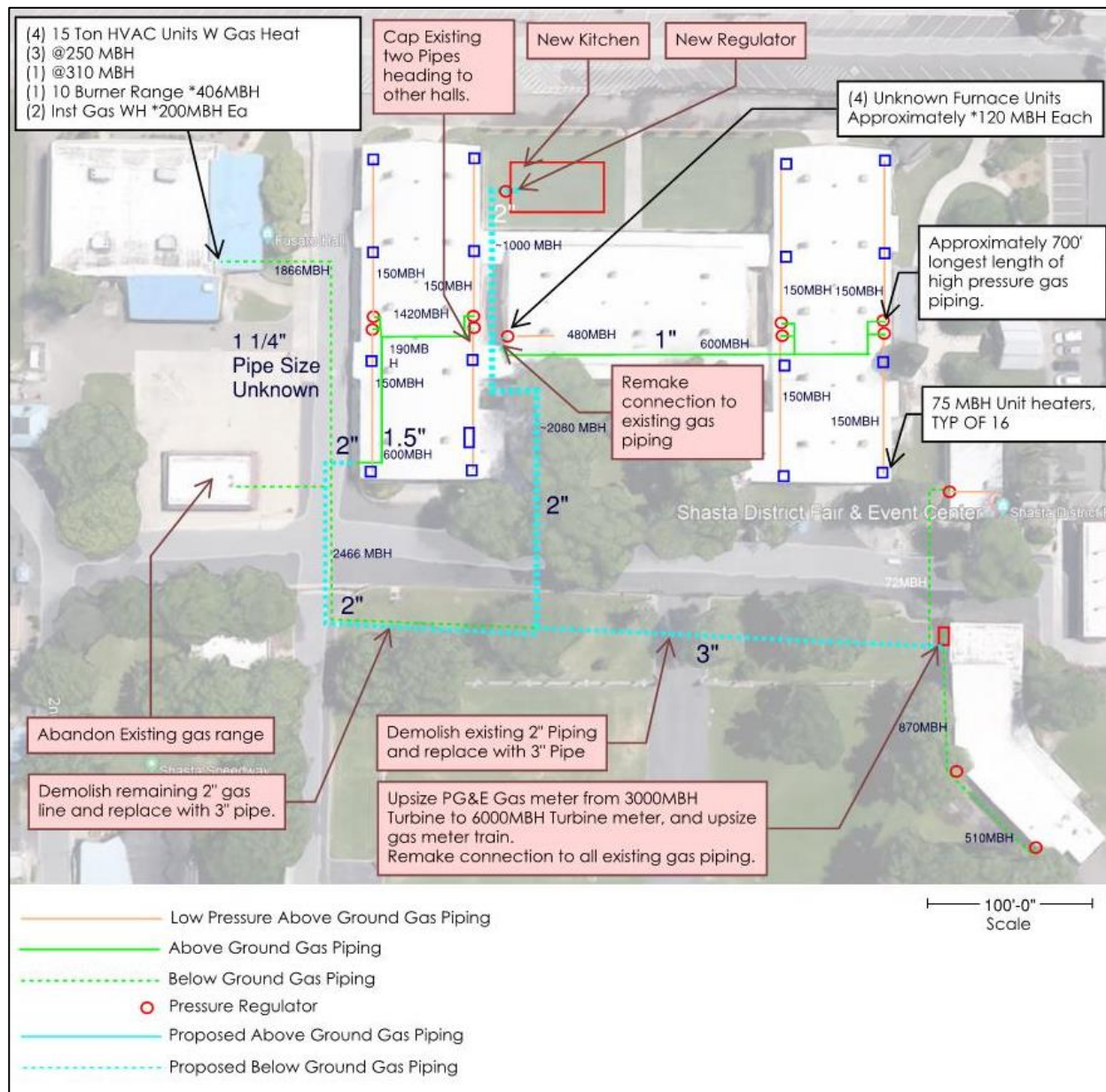


Figure 5 – Option 3 Proposed Gas System

3.04 OPTION 4

- A. The previous gas options have large costs to implement. Additionally, it was confirmed that PG&E will not allow a separate gas meter to be installed at this site to serve the kitchen. Therefore, Option 4 consists of providing a propane tank serving the kitchen as an alternative to avoid modifying the existing gas system and serve only the new kitchen. This option includes installation of a recommended 1000 gallon propane tank, which is proposed to be buried for aesthetic reasons and to ensure all clearances from buildings and driveways are met. It is estimated that this would allow daily medium duty use of kitchen equipment and a kitchen makeup air unit for a period of one to two weeks between refills. If CCA and the Fair determine that the time between refills is not of concern, a 500 gallon tank could be installed in place of the 1000 gallon tank. The tank would be installed in the grass area Southeast of the new kitchen. Protective bollards or decorative

rocks/boulders/landscaping are required around the tank to avoid vehicle traffic over the tank. It should be expected that there would be a regulator installed at the propane tank concealed in the propane tank riser and a regulator installed at the building. Shutoff valves would be required at both ends of the gas piping where they rise above grade. The gas line between the tank and building regulators will be approximately 1" polyethylene buried gas line with annodeless risers on each end. The gas piping diameter shall be finalized once the design for the system is completed. Based on a review of the site, the estimated length of buried gas piping will be approximately 60ft.

3.05 COST IMPLICATIONS

- A. RGA recommends that the statement of probable cost include separate costs for each of the four preceding options for the gas system.

PART 4 - TRINITY HALL RENOVATIONS

4.01 FIRE SUPPRESSION AND ALARM SYSTEMS

A. Evaluation of Existing Conditions

1. Assumed Occupancy: Assembly Group A-3 (Exhibition Hall)¹
2. Existing Fire Suppression and Alarm Systems: None²
3. Existing Area Summary:³

TRINITY HALL	14,722 SF
SHASTA HALL	12,426 SF
LASSEN HALL	14,722 SF
<u>CANOPIES</u>	<u>1,529 SF</u>
TOTAL	43,399 SF

B. Evaluation of Feasibility

1. Based on a preliminary evaluation of the existing fire and life safety conditions present at Trinity Hall and surrounding buildings, it is apparent that Trinity Hall is non-compliant with a number of fire and life safety requirements of the current 2022 California Building (CBC) and Fire Code (CFC). However, certain components of this non-compliance can likely be justified and accepted through consideration of the 2022 California Existing Building Code (CEBC).
 - a. With approval from the Authority Having Jurisdiction (AHJ), CEBC section 503.1 could potentially justify the lack of fire suppression and fire alarms in Trinity Hall and surrounding buildings. This section is subject to interpretation and should be discussed with and evaluated by the AHJ.
 - b. An Alternate Means and Methods request (in accordance with CBC Section 1.2.3 and 1.11.2.4) could also be used as a means of justifying the lack of fire suppression and fire alarms in Trinity Hall and surrounding buildings.
2. If fire suppression is required by the CCA, the Fair, or the AHJ, the addition of fire suppression potentially represents a significant challenge. As described in footnote 3 of this report Trinity, Lassen, and Shasta Halls must be analyzed as one contiguous building. As such, if fire suppression and fire alarm systems are provided in Trinity Hall, they would potentially be required throughout

¹ It is understood that the existing building is used primarily as an exhibition hall. As such, the assumed occupancy of Trinity Hall is Assembly Group A-3 (Exhibition Hall).

² Based on observations of the existing facility, it does not appear that the building is equipped with any fire suppression or fire alarm systems.

³ Due to the adjacency and canopies/covered walkways connecting Trinity, Lassen, and Shasta Halls, these buildings must be analyzed as one contiguous building for the purposes of fire and life safety.

all three halls.

3. The addition of a fire suppression system as described above would add weight to the existing buildings in the form of suppression systems being hung from the existing metal building structure. With no original calculations or details available for the existing structural systems, a structural evaluation performed by a registered professional engineer would need to be performed to analyze the capacity to support the addition of this weight (per CEBC section 503.3 and 503.4).
 - a. Pre-engineered metal buildings are typically designed to very specific load cases, and seldom have extra capacity in their gravity and lateral force resisting structural systems to support additional weight. As such, it is RGA's opinion that it is highly unlikely that a structural evaluation will justify the addition of the weight associated with fire suppression systems.

C. Cost Implications

1. Due to the significant challenges posed by the installation of fire suppression systems throughout Trinity, Lassen, and Shasta Halls, RGA recommends that the CCA *consider* including the installation of fire suppression systems in the statement of probable cost. If CCA elects to include this cost in the statement of probable cost, this cost would have to be evaluated in the context of other associated improvements required along with the installation of fire suppression systems.
2. RGA recommends that the statement of probable cost include the installation of fire alarm systems throughout Trinity, Lassen, and Shasta Halls.

4.02 ROOFING

A. Evaluation of Existing Conditions

1. Based on observations of the existing facility, and discussions with the Shasta District Fair, the existing metal roofing on Trinity Hall appears to need repair or replacement. Given the condition of the existing roof, and the desire of the CCA to insulate and condition Trinity Hall, the means of repair or replacement should be designed with the intent of providing a watertight and airtight building envelope.

B. Evaluation of Feasibility

1. The selected means of repair or replacement could potentially add weight to the existing roof system. A structural evaluation performed by a registered design professional would need to be performed to analyze the addition of this weight.

C. Potential Solutions

1. Option 1 - Fluid-Applied Coating
 - a. Apply a fluid-applied coating over top of the existing metal roofing panels. Multiple systems are available, and typically entail cleaning and repair of major damage to the existing metal roofing panels, application of a primer coat, and application of a top coat.
 - b. Basis-of-design products to consider include:
 - 1) Cool-Sil as manufactured by Garland Industries, Inc.
 - 2) Met-A-Gard+ Roof Restoration as manufactured by American Weatherstar
 - 3) JM Coating Silicone as manufactured by Johns Manville
 - 4) Approved equal
 - c. The products listed above should be evaluated by CCA, the Fair, and a registered design professional as they can come with warranties from 10-20 years, and can offer a variety of features from cost-competitive solutions to custom-colored architectural solutions.
2. Option 2 - Membrane Overlay

- a. Install 50-mil PVC membrane⁴, over fiberglass-mat faced gypsum roof boards, over extruded polystyrene (EPS) flute-fillers, over top of the existing metal roof panels. This solution could offer better performance than the fluid applied coating, but will add weight to the existing building. As with the previous solutions that add weight to the existing roof system, a structural evaluation performed by a registered design professional would need to be performed to analyze the addition of this weight.

3. Option 3 - Removal and Replacement of Roof Panels

- a. Remove and replace the existing metal roof panels in-kind. While this solution will likely cost more, it offers the benefit of potentially allowing for remediation of the roof without adding weight.

D. Cost Implications

1. RGA recommends that the statement of probable cost include all three roof remediation options as described above.

4.03 EXTERIOR WALL SIDING

A. Evaluation of Existing Conditions

1. Based on observations of the existing facility, the existing exterior metal panel siding on Trinity Hall will require repair or replacement. Given the condition of the existing siding, and the desire of CCA to insulate and condition Trinity Hall, the means of repair or replacement should be designed with the intent of providing a watertight and airtight building envelope.

B. Evaluation of Feasibility

1. Numerous penetrations and openings were observed in the existing exterior metal siding. These penetrations range from pipes to abandoned gable vents. The repair or replacement of the exterior siding on Trinity Hall will be complicated by the presence of these items. Consideration should be given to the possibility that items such as conduits or pipes through the exterior siding may have to be removed and reconnected as part of the work. Alternatively, the repair or replacement work could be performed without removal or reconnection of these items, with the added complication of performing additional work tasks such as splicing siding around existing items.

C. Potential Solutions

1. Option 1 - Full Replacement

- a. Remove and replace all existing exterior metal panel siding. Per CEBC 309.2, if more than 15 percent of the total wall area on any side of a building is replaced, the replacement shall comply with the requirements for new construction. As such, the replacement of existing exterior wall paneling would require the installation of an exterior metal wall paneling system that is compliant with ASTM E331 per CBC 1402.

2. Option 2 - Fluid Applied Coating

- a. Apply a fluid-applied coating over top the of the existing exterior metal siding. Multiple systems are available, and typically entail cleaning and repair of major damage to the existing metal roofing panels, application of a primer coat, and application of a top coat.
- b. Basis-of-design products to consider include:
 - 1) Cool-Sil as manufactured by Garland Industries, Inc.
 - 2) Approved equal

⁴ The membrane thickness of 50mil is shown here as a basis of design for cost estimating purposes, and should be verified by the registered design professional, the product's technical representative, and CCA for acceptability as this thickness will affect cost, warranty considerations, etc.

- c. The products listed above should be evaluated by CCA and the Fair as they can come with a 10 year warranty, and can typically be covered by the same warranty as a fluid-applied coating used on the roof.

D. Cost Implications

1. RGA recommends that the statement of probable cost include an option for both full replacement of exterior metal siding, and application of a fluid-applied coating, including all required accessories, required preparation, etc.

4.04 WINDOWS

A. Evaluation of Existing Conditions

1. Based on observations of the existing facility, the existing exterior windows in Trinity Hall appear to consist of steel framed, single glazed windows. The window openings in the metal building do not have jamb, head, or possibly sill framing. Instead, the windows appear to be custom in nature, manufactured using an antiquated method featuring what appears to be a frame that is integral to the window itself (see Figure 6).
2. Given the condition of the existing windows, and the desire of CCA to insulate and condition Trinity Hall, the existing exterior windows should be removed and replaced.
3. In the restroom portion of the facility, wall framing and gypsum wallboard appears to exist on the inside face of the metal building walls. Because of this, the exterior windows are framed with casings on head, jamb, and sill. The presence of this casing will likely require partial demolition of the casing to facilitate installation of new windows.
4. There are 27 existing windows on the main portion of Trinity Hall, each measuring approximately 5' tall by 4' wide (20 sf). There are 4 smaller existing windows on the restroom portion of Trinity Hall, each of varying dimensions with a total area of 50 sf.



Figure 6 - Existing Window

B. Evaluation of Feasibility

1. The removal and replacement of the existing windows will require the installation of new light-gauge steel head, jamb, and sill framing.
2. Based on preliminary evaluation of the prescriptive requirements of the California Energy Code (CEC) for alterations to existing buildings, new windows will need to comply with the following performance requirements:
 - a. U Factor: 0.47 Max
 - b. RSHGC: 0.31 Max
 - c. VLT: 0.42 Min

C. Potential Solutions

1. Remove existing windows and install new dual-glazed aluminum storefront windows.
2. Remove existing windows and install new dual-glazed vinyl finless windows.

D. Cost Implications

1. RGA recommends that the statement of probable cost include options for removal of existing windows and installation of aluminum storefront windows and vinyl finless windows as described above.

4.05 WALL INSULATION

A. Evaluation of Existing Conditions

1. Walls in the main portion of Trinity Hall are not insulated. The lower portion of walls in the main exhibition hall (from floor up to approximately 9') are covered by a furring wall with a fabric wallcovering over what appears to be gypsum wallboard.
2. Walls in the restroom portion of Trinity Hall are likely not insulated as well, however the wall construction is concealed by existing restroom wall finishes.

B. Evaluation of Feasibility

1. If it is the desire of the CCA and the Fair to insulate and condition the restroom portion of Trinity Hall, this would require the removal and replacement of interior restroom finishes. Also, it is possible that wall cavity insulation could be installed from the exterior of the building if the exterior metal panel siding was removed and replaced.
2. If the lower portion of the main exhibition hall (the furring wall) is in fact not insulated, the installation of cavity wall insulation would require the removal and replacement of the interior furring wall finishes. Also, it is possible that wall cavity insulation could be installed from the exterior of the building if the exterior metal panel siding was removed and replaced.
3. Based on preliminary evaluation of the prescriptive requirements of the CEC for alterations to existing buildings, new wall cavity insulation will be required to achieve a minimum insulating value of R-13. Existing metal building wall girts throughout Trinity Hall measure approximately 6" in width. Therefore, thicker wall cavity insulation could be installed, including up to R-21 fiberglass batt insulation.
4. At locations where the exterior wall assembly includes an interior finished surface (for example, at the furring walls in the main exhibition hall, and at the restroom walls), the formation of condensation in the wall cavity is a concern. Although the prescriptive requirements of the CEC do not require installation of continuous insulation, the possibility of the dew point occurring within the wall cavity (and therefore leading to the presence of condensation inside the wall cavity) is a practical concern that could lead to long term damage and maintenance issues. To mitigate this possibility, as an optional upgrade, continuous insulation should be provided towards the exterior of the wall assembly. This could be achieved by the installation of either closed cell spray foam on the inside face of the exterior metal wall panels, or by the installation of continuous insulation beneath the exterior metal panel siding. The addition of closed cell spray foam insulation would also act as a vapor and air barrier, thereby improving the overall performance of the building.

C. Potential Solutions

1. Option 1 – Insulate from Interior Side
 - a. Remove and replace existing wall finishes in restroom (± 550sf wall area)
 - b. Remove and replace existing furring wall finishes in main exhibition hall (± 4,500 sf wall area)
 - c. Install new R-21 fiberglass batt cavity wall insulation (± 7,850 sf wall area)
 - d. Install new polypropylene scrim sheet at locations where insulation is exposed to the interior (± 3,350 sf wall area)
2. Option 2 – Insulate from Exterior Side
 - a. Remove and replace exterior metal panel siding (±7,520 sf wall area)
 - b. Optional: Install 1 inch rigid foam insulation board on exterior of existing wall girts (± 7,850 sf wall area)
 - c. Install new R-21 fiberglass batt cavity wall insulation (±7,850 sf wall area)
 - d. Install new polypropylene scrim sheet at locations where insulation is exposed to the interior (± 3,350 sf wall area)

- e. Note: This option must be considered along with the option for full replacement of exterior metal panel siding as described in Part 4.03.C.1 of this report.

3. Option 3 – Insulate from Interior Side with Spray Foam Insulation

- a. Remove and replace existing wall finishes in restroom (± 550sf wall area)
- b. Remove and replace existing furring wall finishes in main exhibition hall (± 4,500 sf wall area)
- c. Install new minimum R-5 closed-cell spray foam insulation on the inside face of the exterior metal wall panels (± 7,850 sf wall area)
- d. Install new R-21 fiberglass batt cavity wall insulation (± 4,500 sf wall area⁵)
- e. Install new polypropylene scrim sheet at locations where insulation is exposed to the interior (± 3,350 sf wall area)

D. Cost Implications

- 1. RGA recommends that the statement of probable cost include all three exterior wall insulation options as described above.

4.06 ROOF INSULATION

A. Evaluation of Existing Conditions

- 1. The existing roof assembly in the main portion of Trinity Hall is not insulated.
- 2. The existing roof assembly in the restroom portion of Trinity Hall is likely not insulated as well, however the roof construction is concealed by a hard lid ceiling throughout most of the restroom space.

B. Evaluation of Feasibility

- 1. Given the desire of CCA to insulate and condition Trinity Hall, roof insulation will be required.
- 2. Based on preliminary evaluation of the prescriptive requirements of the CEC for alterations to existing buildings, new roof insulation will be required to achieve a total insulating value of ±R-24 for the entire roof assembly.

C. Potential Solutions

- 1. Option 1 – Spray Foam Only
 - a. Install R-30 (± 5 inches) closed cell spray foam insulation at underside of metal roofing panels, and paint exposed spray foam insulation (± 16,100 sf total roof area).
- 2. Option 2 – Batt Insulation Only
 - a. Install R-29 fiberglass batt cavity insulation between existing roof purlins, and install polypropylene scrim sheet at underside of existing roof purlins⁶ (± 16,100 sf total roof area).
- 3. Option 3 – Spray Foam and Batt Insulation
 - a. Install R-5 (± 1 inch) closed cell spray foam insulation at underside of metal roofing panels, install R-19 fiberglass batt cavity insulation between existing roof purlins, and install polypropylene scrim sheet at underside of existing roof purlins (± 16,100 sf total roof area).

D. Cost Implications

- 1. RGA recommends that the statement of probable cost include all three options for roof insulation as described above.

⁵ One benefit of this option is that the overall average insulating value of the wall assembly could comply with energy code requirements while only requiring installation of batt insulation below the window level in the exhibition hall (at the furring wall locations). Pending further analysis, the wall surfaces above the furring walls could only receive spray foam insulation and not batt insulation – a potential cost saving measure.

⁶ There is a possibility that the required R-29 insulation may not fit entirely within the available depth of the roof purlins. This option is subject to detailed verification of the roof purlin size, or development of a roof assembly that allows for installation of the full R-29 insulation.

4.07 DOORS

A. Evaluation of Existing Conditions

1. The existing doors at Trinity Hall are not insulated. This includes all swinging pedestrian doors, the overhead coiling slat door, and the bi-part sliding door.

B. Evaluation of Feasibility

1. Based on preliminary evaluation of the prescriptive requirements of the CEC for alterations to existing buildings, doors must achieve the following insulation values:
 - a. Swinging Doors: Max U = 0.7
 - b. Overhead Coiling Slat Door: Max U = 1.45
 - c. Bi-Part Sliding Door: Max U = 1.45
2. Depending on their internal composition, the existing doors may already comply with these insulation requirements.
 - a. It is likely that the existing swinging doors are hollow metal doors with internal vertical stiffeners. Typically, vertically stiffened hollow metal swinging doors may have a U Value of 0.63, which would comply with the insulation requirements.
 - b. It is unlikely that the existing overhead coiling slat door or the bi-part sliding door will achieve the required insulation requirements.
3. Multiple exterior doors were observed to be in a relative state of disrepair, including the possibility of not being airtight or watertight. A thorough evaluation of all doors should be performed, and all deficiencies should be remediated.

C. Potential Solutions

1. Replace the existing overhead coiling slat door (\pm 16' wide x 16' tall) with an insulated overhead coiling slat door with a maximum U Factor of 1.45 (minimum R-0.7). Replace the existing bi-part sliding door (\pm 12' wide x 13' tall) with an insulated bi-part sliding door with a maximum U Factor of 1.45 (minimum R-0.7). Remediate all exterior swinging doors (four 6' x 6'8" double hollow metal doors, three 3' x 6'8" single hollow metal doors) by replacing all weatherstripping, replacing all bottom seals, and adding top and bottom rain drips (Pemko 346 or approved equal).

D. Cost Implications

1. RGA recommends that the statement of probable cost include all items as described above.

PART 5 - NEW KITCHEN BUILDING

5.01 PRELIMINARY INFORMATION

- A. For the purposes of this report it was determined by CCA, the Fair, and the project team that the statement of probable cost for the new kitchen building should be prepared based on a cost per square foot estimate. This estimate should be subject to the following information:
 1. **Total Gross Area:** 2,000 SF
 2. **Construction Type:** Wood-framed construction
 3. **Risk Category:** Category IV per CBC Section 1604.5
 - a. CCA indicated that the required Risk Category could be downgraded to Category III if compliance with Risk Category IV is cost prohibitive.

B. Cost Implications

1. RGA recommends that the statement of probable cost include a cost per square foot estimate subject to the above information, and should include options for construction compliant with Risk Categories III and IV.

PART 6 - ELECTRICAL

6.01 EXISTING SITE AND BUILDING CONDITION

- A. PACE conducted a site visit to verify existing electrical site conditions, which are documented in the list below and in Figure 7.

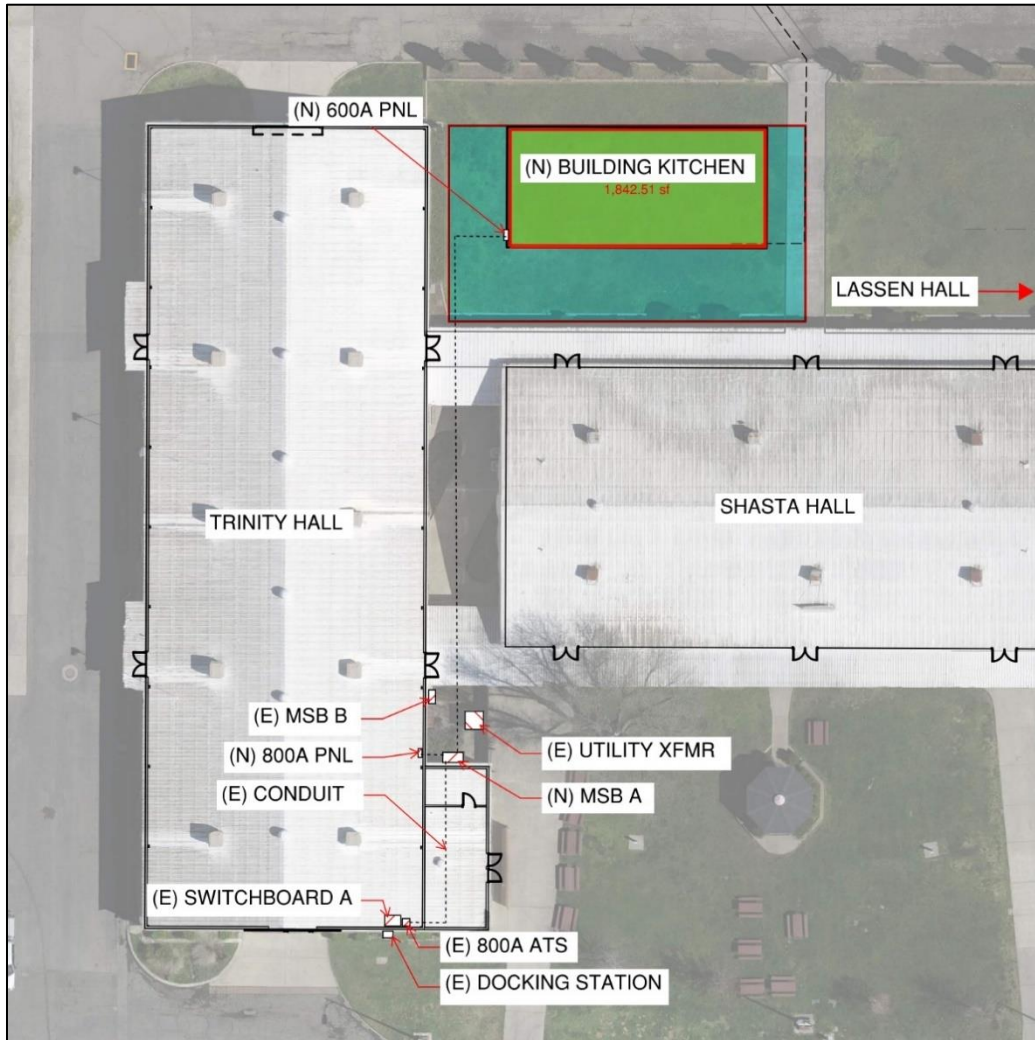


Figure 7 - Overview of Fairgrounds with Proposed Additions

1. Existing Electrical Infrastructure:

- a. The maximum demand for this electrical service is 106 kW.
- b. Existing utility transformer feeds both MSB B and SWBD A.
- c. MSB B and SWBD A feed several subpanels and loads throughout Trinity, Shasta, and Lassen Hall. SWBD A has distribution to loads in Trinity and Lassen Hall, while MSB B has distribution to loads in Shasta Hall. It is assumed that MSB B will remain in place and

modifications will be made to the electrical infrastructure for SWBD A.

- d. Secondary utility conduit is routed from the utility transformer underground and then surface mounted through Trinity Hall to SWBD A.
- e. An 800A automatic transfer switch is located adjacent to SWBD A and a 800A docking station is located on the building exterior. This distribution equipment provides a connection to a portable generator during power outages.

6.02 PROPOSED LOADS

- A. The load was calculated from mechanical load estimates for Trinity Hall and the new Kitchen Building, kitchen equipment, lighting, and receptacle load for the new Kitchen Building, and maximum demand for the existing service provided from the utility company. Figure 8 provides a summary of all loads (existing and proposed) to Trinity Hall and the new Kitchen Building. Figures 9 and 10 depict the mechanical and kitchen loads respectively. The new service will need to be adequately sized to accommodate 1,650A of total load.

COMMERCIAL LOAD CALCULATIONS										
CONTINUOUS LOADS										
GENERAL LIGHTING - TABLE 220.12, 220.42, 210.20(a)	1,600	SF	*	1.5	VA/SF	=	2,400	VA		
EXTERIOR LIGHTING - TABLE 220.12, 220.42	10	QTY	*	30	VA	=	300	VA		
SIGN LIGHTING - 220.14(f)	1	QTY	*	1,200	VA	=	1,200	VA		
SPECIAL LOADS - 220.14(a), 220.56, 422.10(a)						=	-	VA		
CONTINUOUS LOADS TOTAL - NEC 210.20(A) (125% DEMAND FACTOR)								4,275	VA	
NON-CONTINUOUS LOADS										
NON-CONTINUOUS DUTY - 220.14(i), 220.16(k) (50% DEMAND FACTOR OVER 10kVA)	30	QTY	*	180	VA	=	5,400	VA		
SPECIAL LOADS - 220.14(a), 220.56, 422.10(a)						=	24,041	VA		
MECHANICAL LOADS - 220.50, 220.51, 440.6(a)						=	414,472	VA		
MOTOR LOADS - 430.6(a), 430.22(a)						=	-	VA		
LARGEST MOTOR LOADS - 220.18(a)	55,000	VA	*	25%		=	13,750	VA		
NON-CONTINUOUS LOADS TOTAL								457,663	VA	
EXISTING LOADS										
EXISTING MAXIMUM DEMAND - 220.87	106,000	VA	*	125%		=	132,500	VA		
ELECTRICAL SERVICE - 3Ø	594,438	VA	/	208	V	=	1,650	A		

Figure 8 - Proposed Loads for New Equipment

MECHANICAL & PLUMBING LOADS					
LOAD	VAC	A	Ø	QTY	TOTAL VA
TRINITY HALL HVAC		0			316,000
KITCHEN HVAC		0			55,000
KITCHEN MAU	208	100	3	1	36,027
EXHAUST FANS	208	10	3	2	7,205
RR EXHAUST FAN	120	2	1	1	240
TOTAL LOAD					414,472

Figure 9 - Proposed Mechanical Loads for Trinity Hall

NON-CONTINUOUS SPECIAL LOADS					
LOAD	VAC	A	Ø	QTY	TOTAL VA
LOW TEMP HOT HOLDING CABINETS	120	16	1	1	1,896
FOOD WASTE DISPOSAL	208	12	1	1	2,517
36" RANGE - 6 BURNERS - STANDARD OVEN	120	6	1	1	708
AMBIENT HEATED DOOR UNIT	120	7	1	1	864
AMBIENT HEATED DOOR UNIT	120	14	1	1	1,728
DOUBLE FULL SIZE CONVECTION OVEN - GAS	120	6	1	2	1,440
ICE MAKER, CUBER	208	13	1	1	2,600
REFRIGERATOR, REACH-IN	120	5	1	2	1,200
REFRIGERATOR, REACH-IN	120	8	1	6	5,760
48 GRIDDLE, 2 SPACE SAVER OVENS	120	6	1	1	708
DISHWASHER STRAIGHT	120	30	1	1	3,600
REFRIGERATOR, REACH-IN	120	9	1	1	1,020
TOTAL LOAD					24,041

Figure 10- Proposed Loads for New Kitchen Building

6.03 PROPOSED ELECTRICAL IMPROVEMENTS

A. Demolition

1. To prepare the site for new installation, selective demolition will be required for the site electrical infrastructure, which is documented below.
 - a. Disconnect and remove secondary utility conduit and conductors from utility transformer to SWBD A.
 - b. Saw cut concrete to prepare trench for feeder to kitchen building panelboard.

B. New Construction

1. After demolition occurs, a new switchboard and two new panelboards, as well as their associated feeders will be installed. The distribution equipment size has been determined with the proposed loads indicated in the section above. The new electrical construction for the site is documented below.
 - a. Utilize existing conduit to feed MSB A at Trinity Hall exterior with secondary utility conductors. A new secondary conduit may be necessary, depending on the requirements determined by PG&E.
 - b. PG&E may require a new utility transformer, which can be installed in the same location as the existing transformer. PG&E has confirmed that the existing primary utility feeders are adequately sized for the improvements.
 - c. Provide and install new feeder in existing conduit to SWBD A.
 - d. Provide and install new 2000A switchboard (MSB A) with associated concrete pad and grounding electrode.
 - e. Provide and install new 600A panelboard and 800A panelboard for kitchen building and Trinity Hall mechanical loads, respectively.
 - f. Provide and install new feeders for new 600A and 800A panelboards.
 - g. Provide and install new branch circuit feeders throughout the kitchen building and new mechanical loads in Trinity Hall.

- h. Patch and repair existing surfaces to match existing conditions.
- i. Provide and install new 600A docking station and transfer switch to accommodate the connection of a portable generator at the kitchen building.
- j. Provide and install new 800A docking station and transfer switch to accommodate the connection of a portable generator at mechanical panelboard.
- k. Alternatively, a new 2000A docking station and transfer switch could be installed near MSB A if the existing docking station and transfer switch at SWBD A are disconnected and removed.

PART 7 - CIVIL SITE IMPROVEMENTS

7.01 ACCESSIBILITY COMPLIANCE

A. Evaluation of Existing Conditions

1. The existing handicap parking stalls adjacent to the proposed facility appear to be sloped under the required 2.0% in any direction.
2. The path of travel from the existing handicap parking stalls to the proposed facility does not exceed 5.0% in the direction of travel or 2.0% perpendicular to the direction of travel.
3. The existing parking stall and the path of travel to the proposed building are surfaced with weathered pavement. The pavement contains cracks that are greater than 1/4" in some areas.

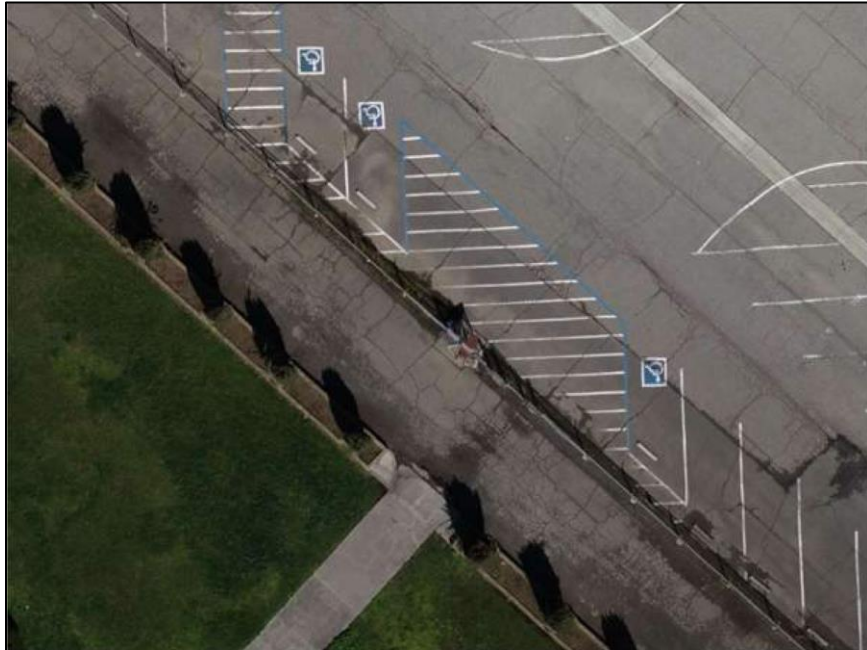


Figure 11 - Existing Accessible Parking

4. The cracked pavement transitions to concrete at the proposed facility and gradually gains 1-foot in elevation to the existing building.
5. At all three existing buildings, the existing concrete ramps at 4.5% or greater into the building without a level landing at the door thresholds.

B. Potential Solutions

1. Remove the cracked pavement at all three handicap parking stalls and a 6-foot-wide path to the proposed facility and replace it with reinforced concrete. The concrete should match the existing grades.
2. Add a 20-foot-long ramp at 4.5% to elevate the proposed building pad as high as practicable to match the other building finish floor elevations.
3. Remove and replace all the non-compliant concrete at the existing building thresholds and replace it with a new reinforced concrete slab.



Figure 12 - Existing Door Conditions

7.02 DRAINAGE/STORM DRAIN

A. Evaluation of Existing Conditions

1. The site currently surface drains off-site to the northeast without the use of any underground storm drain facilities.
2. The closest area drain that can be used as a point of connection is located to the north and is very shallow with an undersized 4" outlet pipe.

B. Potential Solutions

1. More site investigation would be required to determine the feasibility of utilizing the existing underground storm drain facilities as a point of connection for the proposed facility.
2. An alternative would be to utilize a series of shallow trench drains and discharge on the northeasterly side of the existing landscape wall. The existing flow path would not be changed.



Figure 13 - Existing Area Drain

7.03 WATER

A. Evaluation of Existing Conditions

1. The site likely contains cross connections between potable, fire, and irrigation lines. No backflow protection appears to exist between any of these connections.
2. There are two underground water lines in the vicinity of the proposed facility. A 4" irrigation line and a 3/4" potable line that services an existing stub located along the path of travel.
3. There is an existing 2" potable waterline that is suspended below the existing canopy approximately 8'-4" above the finish floor at the northeast corner of Shasta Hall.

B. Potential Solutions

1. Utilize a utility location service to determine the location of all underground lines in the location of the proposed facility.
2. Relocate any waterlines that are expected to be within the proposed facility's footprint and influence line.
3. Connect to the 2" suspended potable water line in the existing canopy and provide an underground transition into the proposed facility.
4. Install a backflow preventor after the connection point and before the point of connection into the proposed facility.



Figure 14 - Existing Water Line

7.04 SANITARY SEWER

A. Evaluation of Existing Conditions

1. The existing sewer is shallow in most areas of the site and the existing pipes slope at a minimum percentage between manholes to achieve a velocity of 2 feet per second.
2. All three manholes near the project site have an inlet elevation that is lower than the outlet elevation. This causes ponding in the manhole and creates a potential clogging point.



Figure 15 - Existing Manhole

3. The manhole that is located to the north of the project area, the last manhole along the pipe run, contains a 6" cast iron pipe that does not appear to have a smooth transition to the outlet pipe and clogging was apparent at the time of this investigation.

B. Potential Solutions

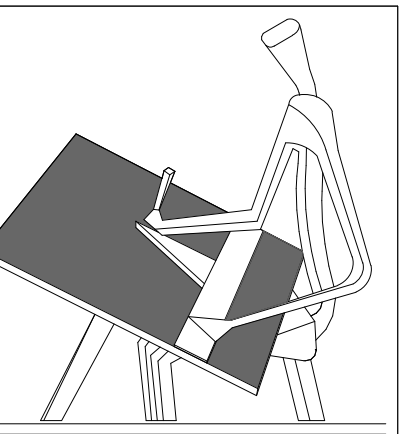
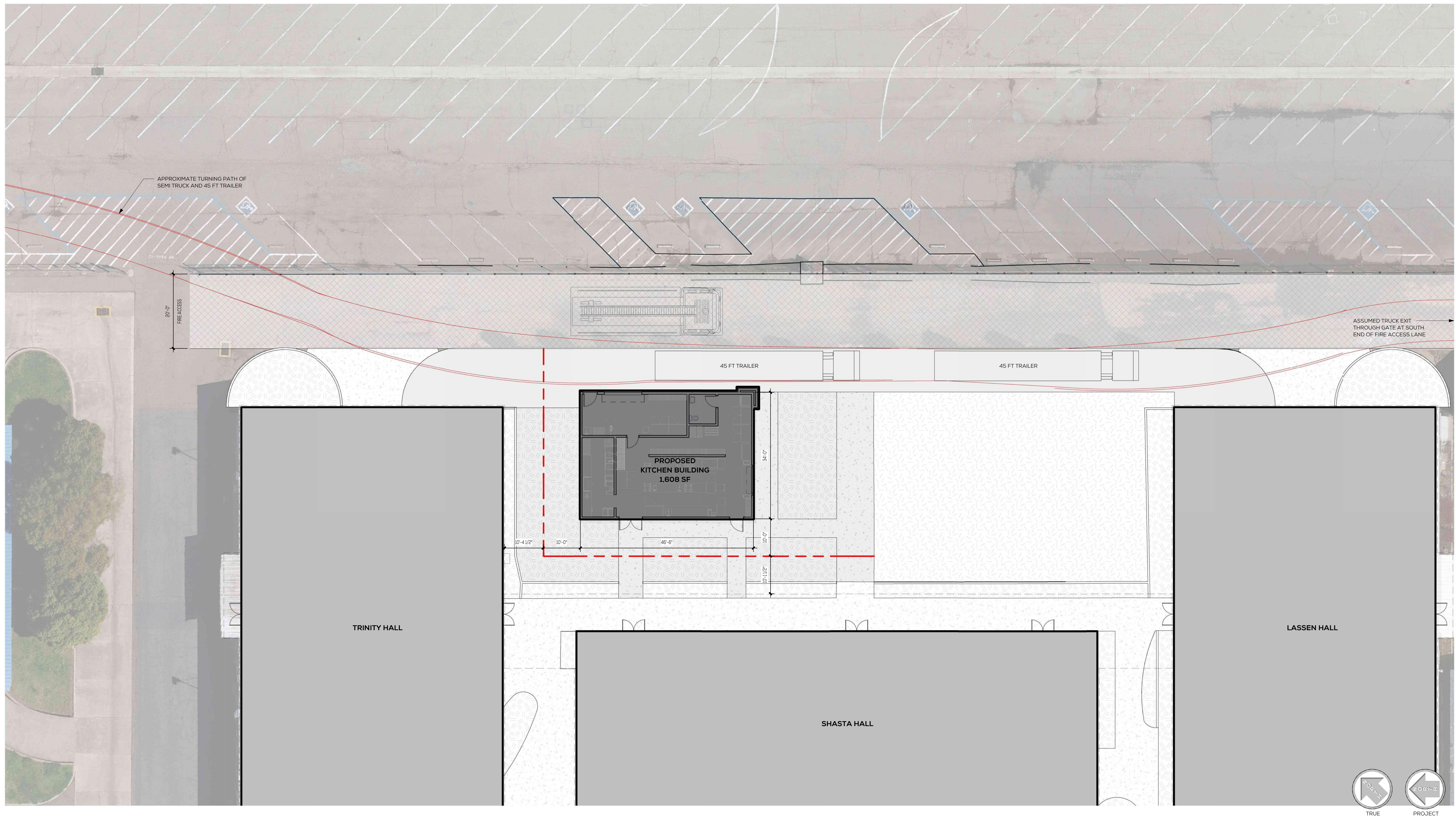
1. Avoid tying into any of the existing manholes near the site.
2. Install a grease interceptor on the opposite side of the courtyard as the proposed facility to avoid the influence line of the structure.
3. Install a pipe at minimum required slope, to still achieve a velocity of 2 feet per second, through the corridor to the south, around the existing brick barbecue, and into the existing 6" pipe in the paved roadway.
4. Install cleanouts at all major angles or transitions.
5. Install a new manhole at the tie-in location to ensure a smooth, waterproof connection into the existing 6" pipe.



Figure 16 - Existing Manhole Outlet

PART 8 - CONCLUSION

The intent of this report is to summarize current preliminary findings for the benefit of the project team, as well as to provide preliminary information to Cumming to support their efforts in the preparation of a statement of probable cost. The contents contained within this report are intended to be discussed and evaluated by all members of the project team, and are not intended to be final or binding.



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architecture + engineering

**RUSSELL
GALLOWAY
ASSOCIATES inc.**

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PROJECT
**SHASTA
DISTRICT FAIR
RESILIENCY
CENTER**

PREPARED FOR
**CALIFORNIA
CONSTRUCTION
AUTHORITY**

JJ - ENLARGED SITE PLAN
SCALE: 3/32" = 1'-0"

	ASSUMED FIRE SEPARATION DISTANCE LINE		PROJECT AREA - NEW BUILDING
	EXISTING CHAINLINK FENCE		EXISTING BUILDINGS - NOT A PART
	OVERHEAD ROOF OVERHANGS/CANOPIES		EXISTING LANDSCAPING
	FIRE TRUCK		EXISTING CONCRETE WALK AND DRIVEWAY
			LANDSCAPING
			CONCRETE WALK - SEE CIVIL DWGS
			ASPHALT - SEE CIVIL DWGS

GENERAL NOTES:

- ACCESSIBLE SITE CIRCULATION ROUTE SHALL COMPLY WITH CIRCULATION ROUTE NOTES
- COMPONENTS OF THIS SITE PLAN HAVE BEEN DEPICTED WITH THE USE OF AERIAL SITE IMAGERY AND NOT FIELD SURVEY DATA. REFER TO CIVIL DWGS FOR EXACT LOCATIONS AND PLACEMENTS.

SITE CIRCULATION ROUTE NOTES:

ACCESSIBLE "PATH OF TRAVEL" (P.O.T.), AS INDICATED, IS A COMMON BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE. EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL AND IS AT LEAST 48" WIDE. THE PATH SURFACE IS SLIP RESISTANT, STABLE, FIRM AND SMOOTH. PASSING SPACES (11B-403.5.3) AT LEAST 60" X 60" ARE LOCATED NOT MORE THAN 200' APART. THE CROSS-SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL AND IS LESS THAN 5% UNLESS OTHERWISE INDICATED. (P.O.T.) SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (11B-307.4) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (11B-307.2).

KEYNOTES

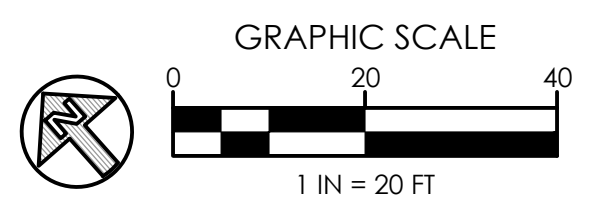
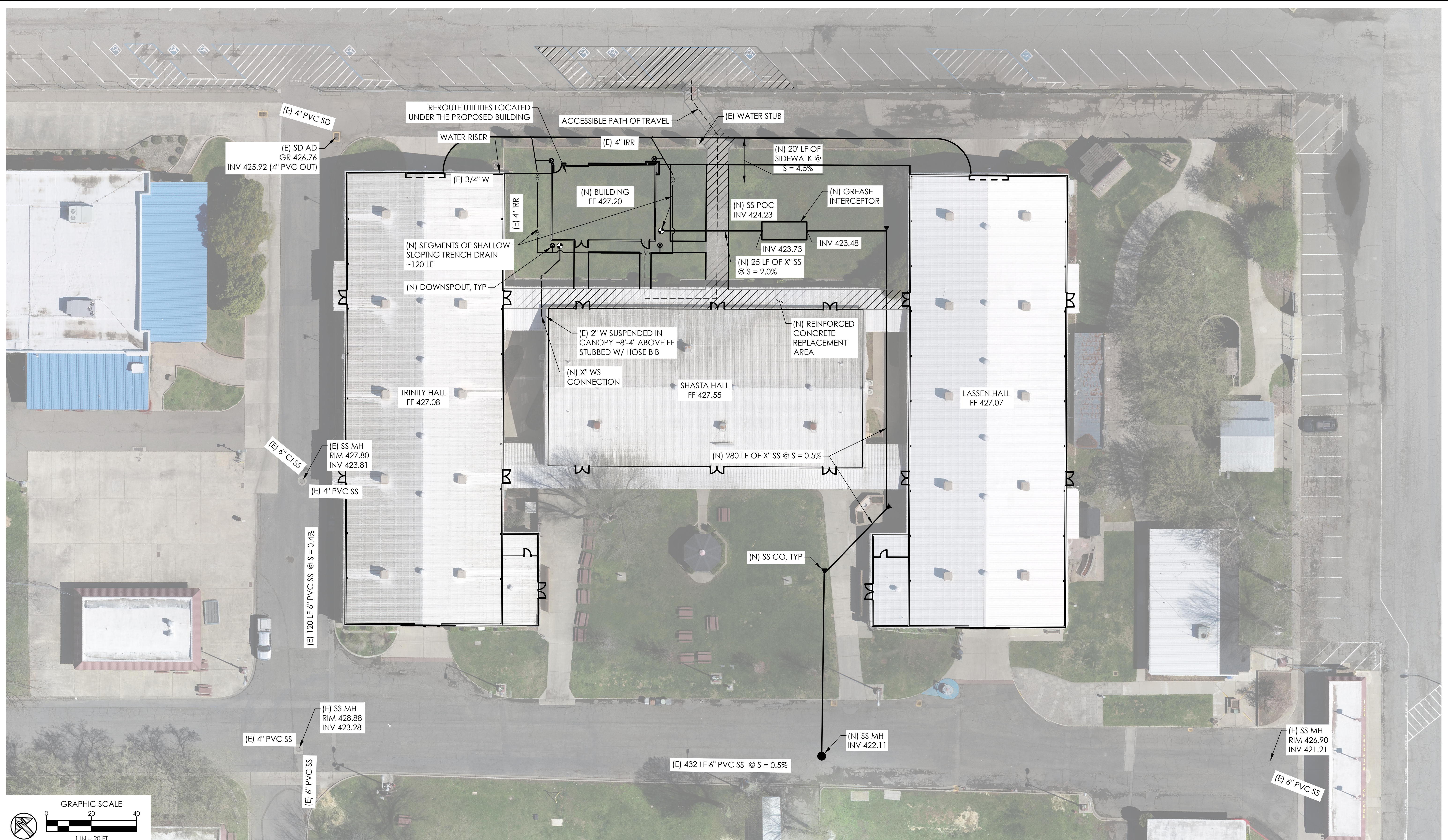
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NOT FOR CONSTRUCTION**

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PLAN CHECK #	
DRAWN	SJM
CHECKED	KJE
PRELIM. REPORT	2024.04.19
PRELIM. PLANS	2024.06.03
10% DESIGN	2024.07.24

SITE PLAN

A0.1

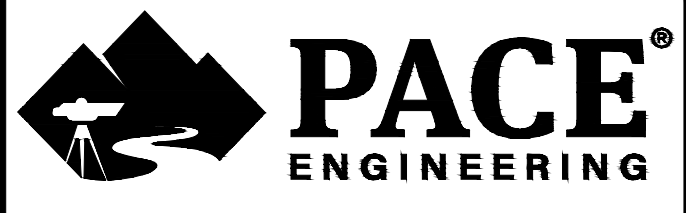
GG - SITE LEGEND
SCALE: NONE



CONCEPT DESIGN

BAR IS ONE INCH ON ORIGINAL DRAWING
 0' ————— 1"
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

REVISIONS		
NO	DATE	DESCRIPTION



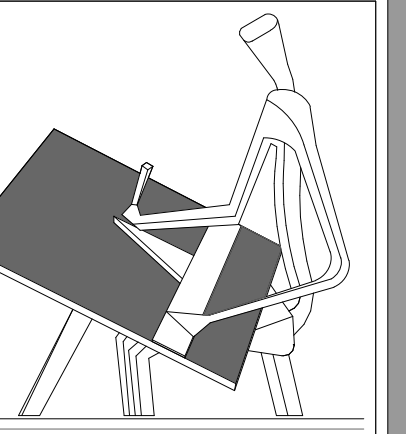
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DRN	RT	DATE	5/10/24	2606.59

SIGNED

SHASTA DISTRICT FAIRGROUNDS IMPROVEMENTS
 ANDERSON, CA
 CIVIL IMPROVEMENTS

SHEET
C2
 PG 2 OF 2

Plot Date: May 09, 2024 - 8:47 am Logh Namer_runner
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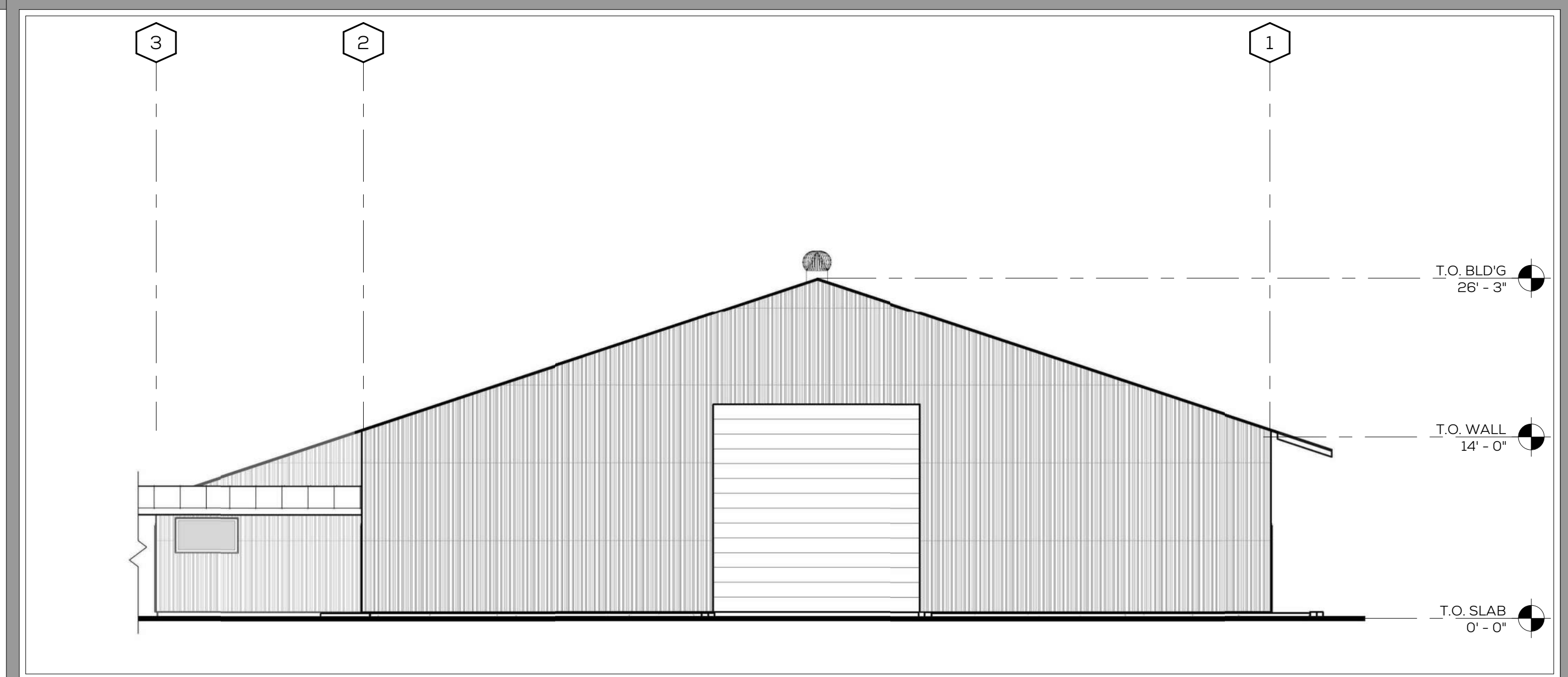
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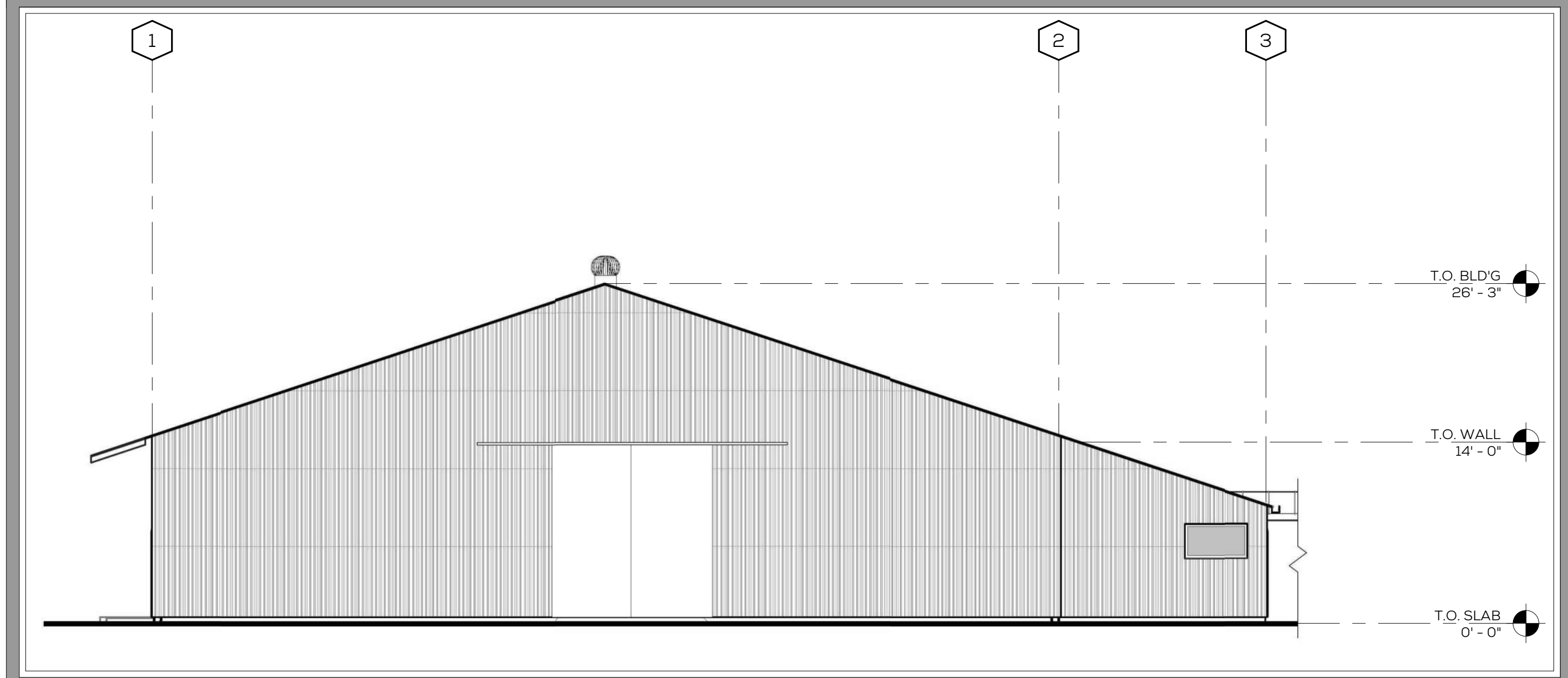
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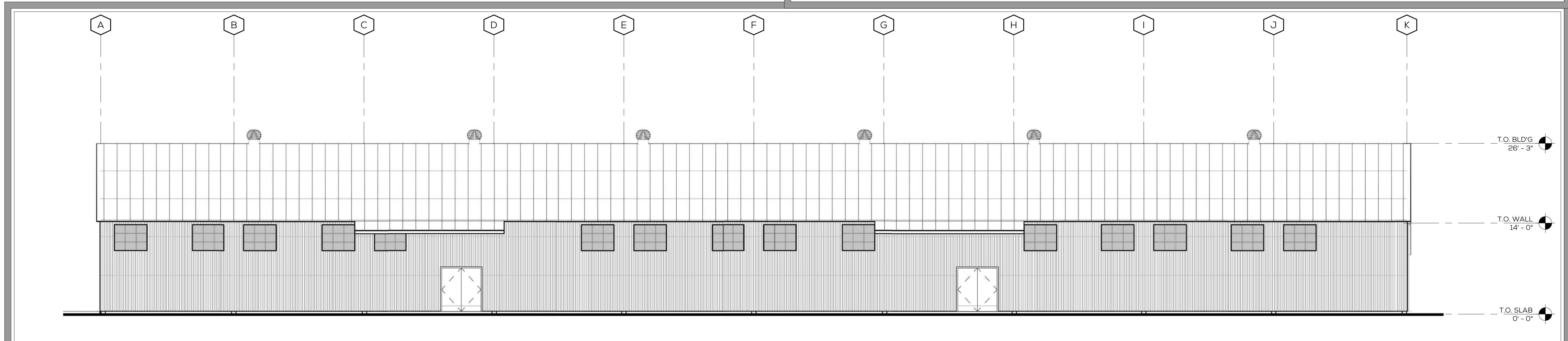
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CONSTRUCTION
AUTHORITY**



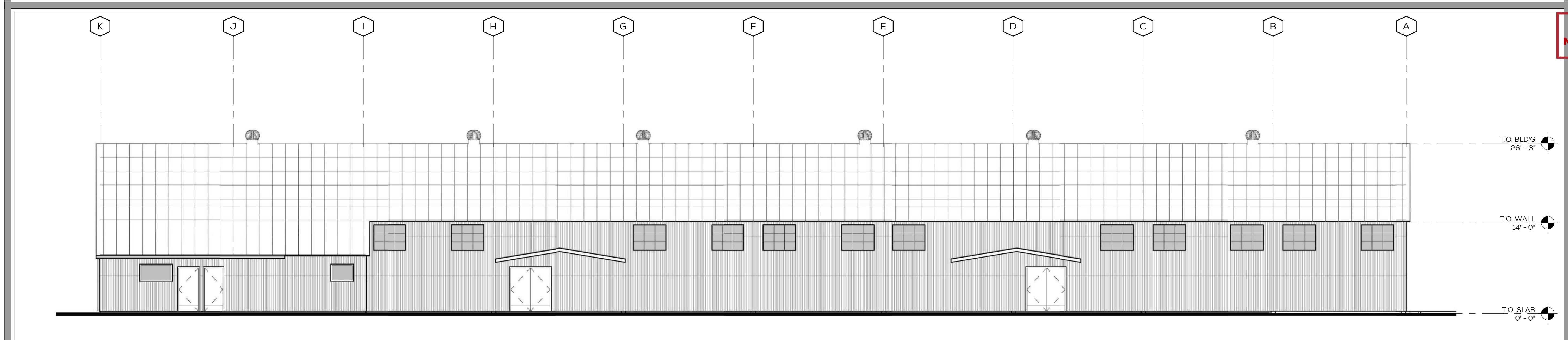
HH - TRINITY HALL EXISTING EAST ELEVATION
SCALE: 1/8" = 1'-0"



GG - TRINITY HALL EXISTING WEST ELEVATION
SCALE: 1/8" = 1'-0"



FF - TRINITY HALL EXISTING NORTH ELEVATION
SCALE: 1/8" = 1'-0"



EE - TRINITY HALL EXISTING SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

**PRELIMINARY
NOT FOR CONSTRUCTION**

RG A PROJECT #	23-453
PLAN CHECK #	
DRAWN	SJM
CHECKED	KJE
PRELIM. REPORT	2024.04.19
PRELIM. PLANS	2024.06.03
10% DESIGN	2024.07.24

**EXTERIOR
ELEVATIONS**

A3.1

ABBREVIATIONS

AB	AGGREGATE BASE
AD	AREA DRAIN
CO	CLEANOUT
CP	CONTROL POINT
(E)	EXISTING
EL/ELEV	ELEVATION
FF	FINISH FLOOR
GR	GRATE
INV	INVERT
LF	LINEAL FEET
MH	MANHOLE
(N)	NEW
S	SLOPE
SD	STORM DRAIN
SQ	SQUARE
SS	SANITARY SEWER
STD	STANDARD
TYP	TYPICAL
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
W	WATER

HATCH LEGEND

	CONCRETE
	PAVEMENT

LINE LEGEND

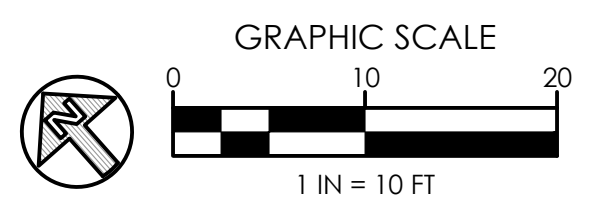
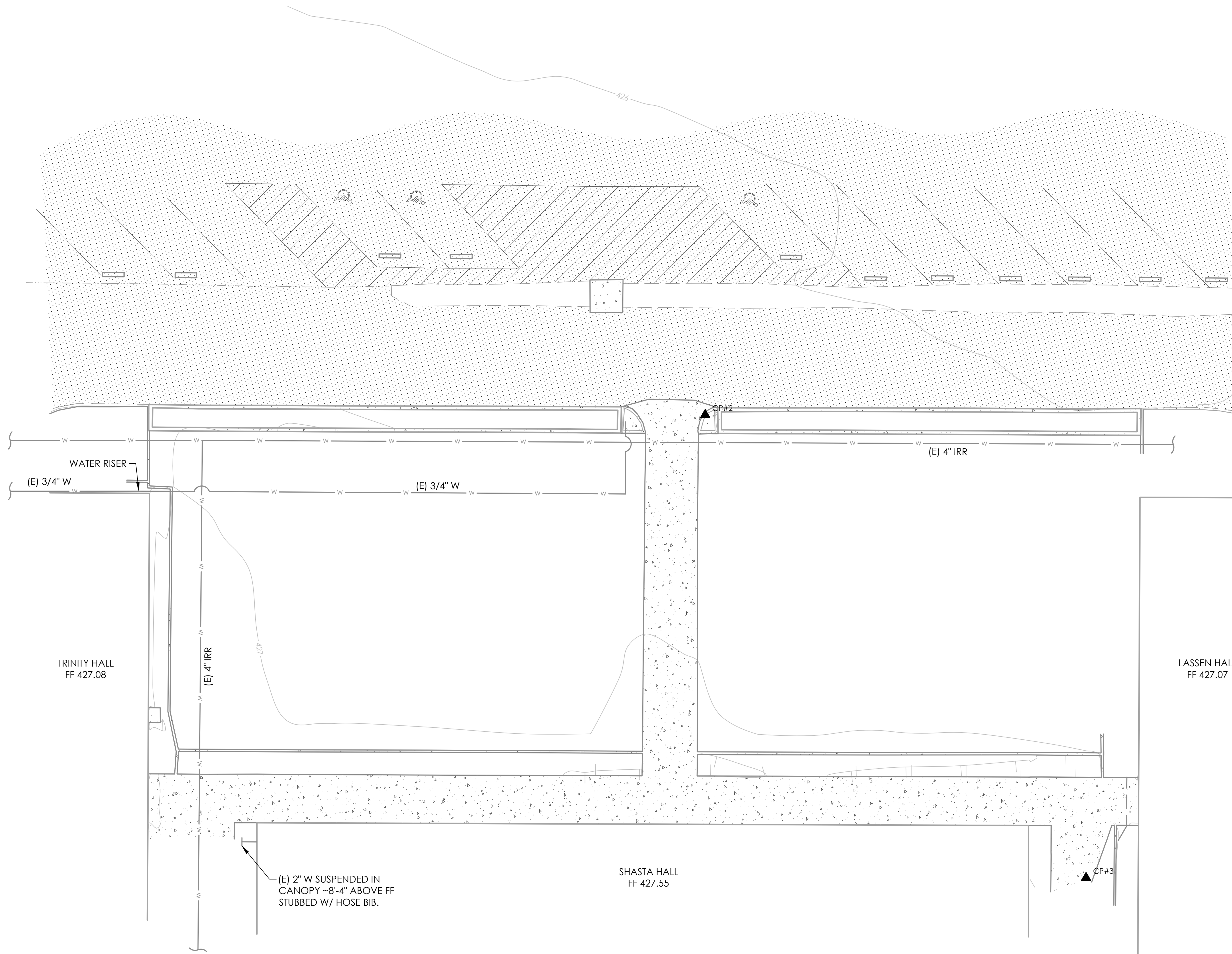
	EP
	CONC
	FLOWLINE
	WATER LINE
	STORM DRAIN
	SANITARY SEWER

CONTROL POINT TABLE				
CP #	NORTHING	EASTING	ELEV	DESCRIPTION
1	2049038.66	6475907.09	426.85	BRASS PLUG IN WALL
2	2049145.77	6475683.44	426.44	BRASS PLUG IN CURB
3	2049036.60	6475679.03	427.11	MAGNAIL IN CONCRETE

AERIAL TARGETS POINT TABLE				
AT #	NORTHING	EASTING	ELEV	DESCRIPTION
901	2048909.19	6476081.48	424.24	PAINTED SQ WITH MAGNAIL
902	2048163.99	6475230.15	429.77	PAINTED SQ WITH MAGNAIL
903	2049416.12	6473798.46	437.10	PAINTED SQ WITH MAGNAIL
904	2050016.76	6474683.60	431.25	PAINTED SQ WITH MAGNAIL
905	2049053.26	6475397.03	428.12	PAINTED SQ WITH MAGNAIL

SURVEY NOTES

1. THIS SURVEY WAS CONDUCTED ON 3/26/2024.
2. COORDINATE SYSTEM: CALIFORNIA COORDINATE SYSTEM OF 1983 (CCS83), ZONE 1, (EPOCH 2017.5).
3. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), (GEOID 18)
4. CONTOUR INTERVAL: 1 FOOT.
5. UNITS OF MEASUREMENT SHOWN HEREON ARE IN TERMS OF THE U.S. SURVEY FOOT AND DECIMALS THEREOF.
6. BUILDING FINISHED FLOOR ELEVATIONS AT INDIVIDUAL DOOR THRESHOLDS WERE FOUND TO BE WITHIN 0.10 FOOT OF THE OVERALL VALUE DEPICTED.
7. UTILITIES/UNDERGROUND FEATURES SHOWN HEREON ARE BASED UPON ABOVE-GROUND, OBSERVED EVIDENCE AND AS-BUILT PLAN/SCHEMATIC INFORMATION THAT IS APPROXIMATE IN NATURE. CONTRACTOR SHALL POT HOLE AND LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION.



CONCEPT DESIGN

BAR IS ONE INCH ON ORIGINAL DRAWING
0" 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

REVISIONS		
NO	DATE	DESCRIPTION

PACE ENGINEERING

DES	-	CKD	SP	JOB NO.
DRN	RT	DATE	5/10/24	2606.59

SIGNED

SHASTA DISTRICT FAIRGROUNDS IMPROVEMENTS
ANDERSON, CA
TOPOGRAPHIC MAP

SHEET
C1
PG 1 OF 2

Plot Date: May 09, 2024 - 8:47 am User: Name: runner
File Name: M:\Land Projects\260659 Shasta District Fairgrounds Improvements\01 CAD\01 Survey\Topographic Survey\wg Layout TOPO

EXHAUST/SUPPLY FAN REFERENCE

FANS LOCATED ON BUILDING ROOF. SEE ARCHITECTURAL DRAWING SHEET A### FOR EXACT LOCATIONS

REFER TO MANUFACTURER SPECS/SHOP DRAWINGS FOR EXACT SIZE AND WEIGHT REQ'S FOR ALL EXHAUST/SUPPLY FANS

Irvine, CA Lewisville, TX
San Diego, CA Houston, TX
Richmond, CA Tampa, FL
San Francisco, CA Atlanta, GA
Oakland, FL Knoxville, TN
Phoenix, AZ Winston-Salem, NC

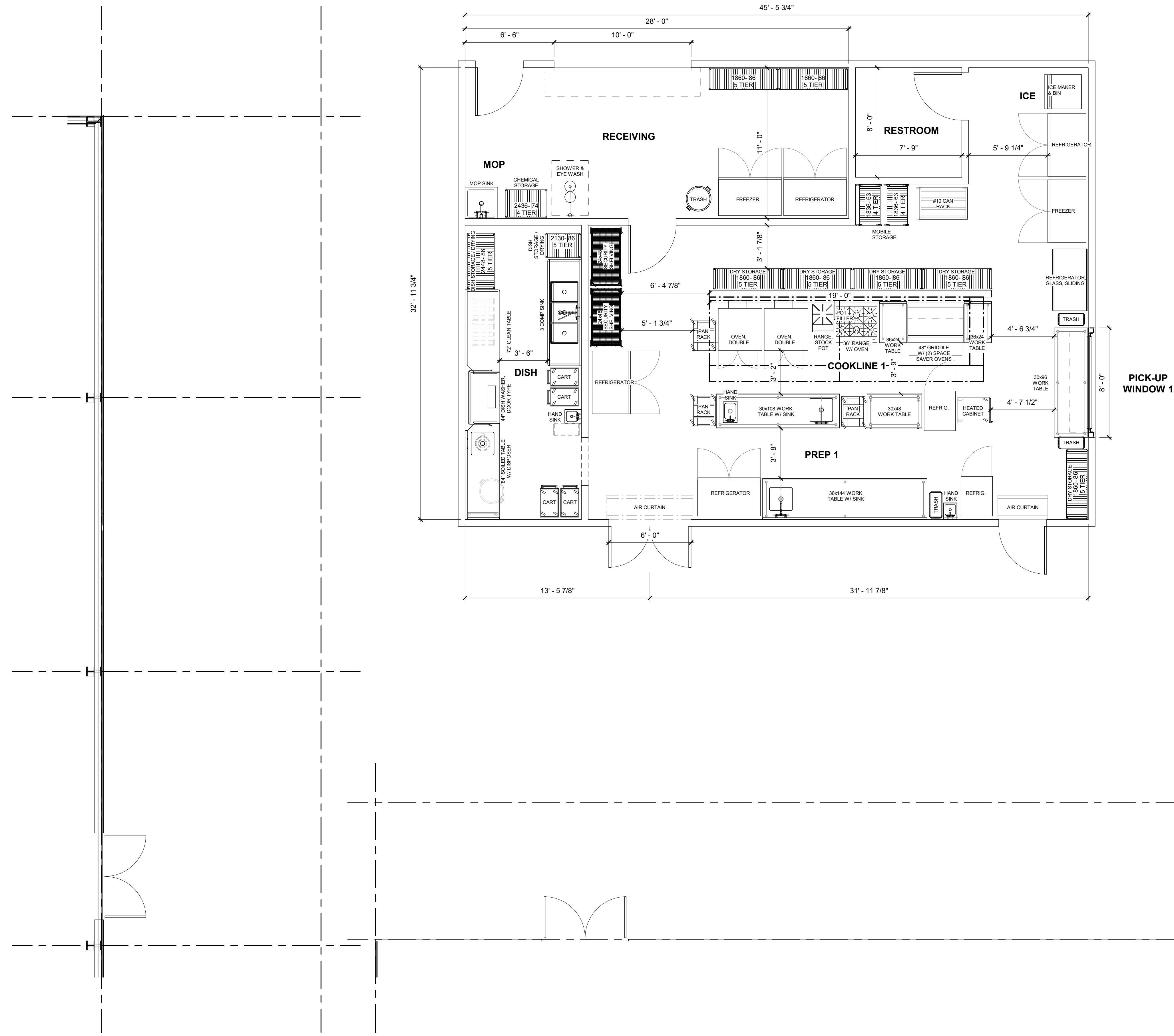
trimarkusa.com

This document contains confidential information, is an instrument of a professional service, and the property of TriMark. It shall not be used on other projects or for the extension of this project without TriMark's written approval.

Owner and all Contractors to check and verify existing dimensions and conditions in the field before starting construction and to notify TriMark of any material or detail changes.

REVISIONS

DATE	NO.	DESCRIPTION



PRELIMINARY LOAD SCHEDULE

ITEM	QTY	DESCRIPTION	MAKE	MODEL	W	D	H	W	H	REMARKS	PLUMBING
1	2	EXHAUST FAN	TBD	TBD						REQUIREMENTS TBD	
2	2	EXHAUST FAN	TBD	TBD						REQUIREMENTS TBD	
3	2	EXHAUST FAN	TBD	TBD						REQUIREMENTS TBD	
4	1	LOW TEMPERATURE HOT HOLDING CABINETS	AL TOMAHAM	1800CF	120	1	33	36		REQUIREMENTS TBD	
5	1	TOOP WASTE DISPOSER	WILMOR	200-052208	488	1	22	15			
6	1	ICE MAKER 2 BURNERS STANDARD CABINET	SOUTHERN	555A	353	2	67	53		3/4" 200	
7	1	ICE TRAY COMPARTMENT	JOHNBOON	155001202						1.500	
8	1	CABINET HEATED AIR DOOR UNIT	BERNARD	240103-0004-A	120	1	63	73			
9	1	CABINET HEATED AIR DOOR UNIT	BERNARD	240103-0004-A	120	1	63	73			
10	1	ICE TRAY	TACK BRASS	RE312-02						1/2" 1/2"	
11	1	ICE TRAY	TACK BRASS	RE312-02						1/2" 1/2"	
12	1	ICE TRAY	TACK BRASS	RE312-02						1/2" 1/2"	
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1 FOODSERVICE EQUIPMENT PLAN
1/4" = 1'-0"

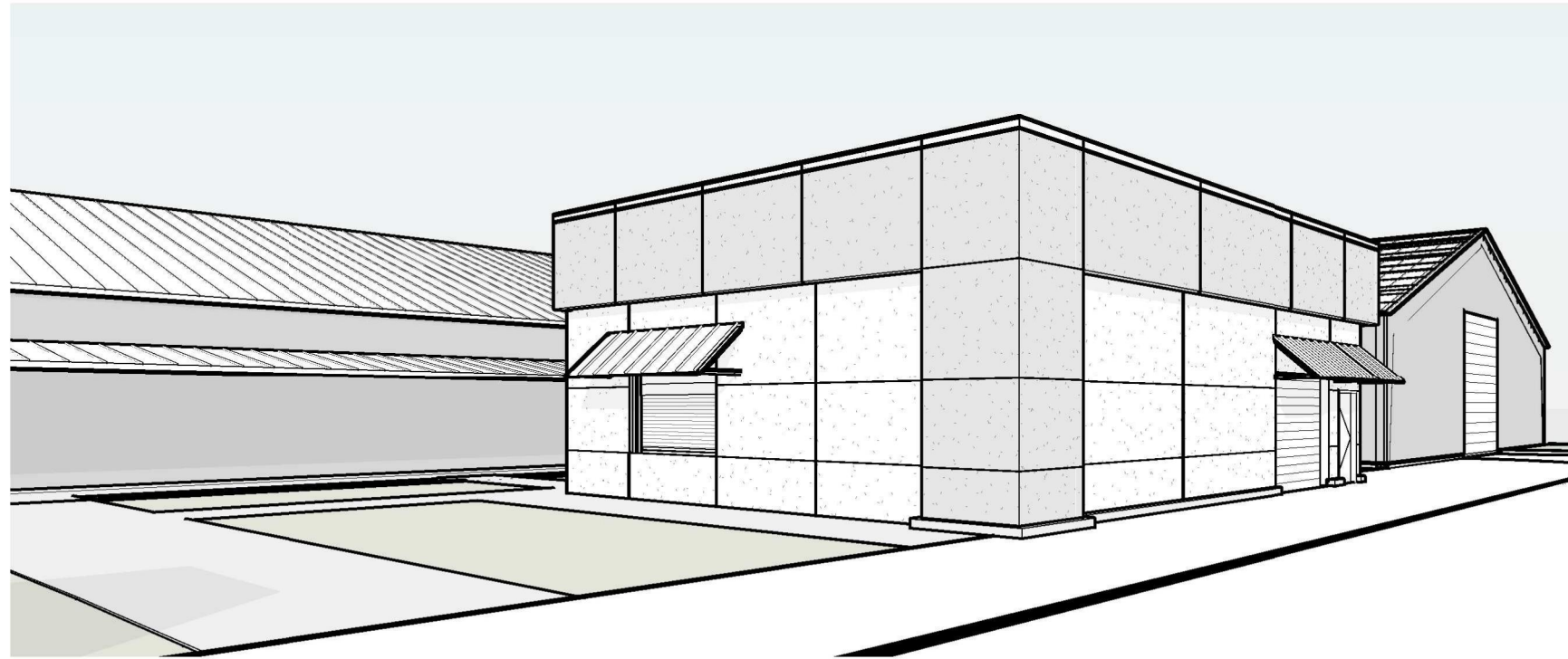
SHASTA DISTRICT FAIR
ANDERSON, CA

PROJECT PHASE:
SCHEMATIC

DATE: 07/09/2024	PROJECT #: 23.23984.
DRAWN BY: CB	APPROVED BY: BD

SHEET TITLE:
FOODSERVICE EQUIPMENT PLAN

SHEET NUMBER:
QF101



BB - PERSPECTIVE VIEW - SOUTH



AA - PERSPECTIVE VIEW - NORTH

SHASTA DISTRICT FAIR RESILIENCY CENTER

KITCHEN BUILDING PERSPECTIVE VIEWS

WEST

Project:

Design_Shasta District Fair -
Budgetary



From:

Job Reference Number: 109815


Please read this quotation carefully as it is based upon our interpretation of the items being requested. Review this quotation for errors, omissions or inaccuracies of any kind. The customer is responsible to verify all measurements, directions of operation, voltages and utility specifications prior to ordering. Any changes to the above may incur a price adjustment.

Our proposal is based on (non-union/union, non-prevailing/prevaling wage installation & non-seism/seismic) per SMACNA guideline to be performed during normal business hours.

Please feel free to contact us with any questions regarding the scope of work. Thank you for the opportunity and we look forward to hearing


Item	Qty	Description
	1 ea	MOP SINK John Boos Mop Sink, floor mounted, 28-5/8"W x 27-3/8"D x 16"H overall size, 24"W x 24" front-to-back x 12" deep compartment, 3-1/2" diameter drain, marine edge on front & sides, tile edge on rear, 16/300 stainless steel construction, NSF
	1 ea	Mop Sink Wainscoting, rear, left & right, 24-7/8"L x 19-1/4"D x 27"H, 16 ga. stainless steel
	1 ea	WALL / SPLASH MOUNT FAUCET T&S Brass Service Sink Faucet, 8" centers, wall mount, lever handles, vacuum breaker, built-in-stops, polished chrome finish, 1/2" NPT, quarter-turn Cerama cartridges, low lead, ADA Compliant
	1 kt	Inlet Kit, 1/2" NPT nipple, close elbows, 24" flex supply hoses





Item	Qty	Description
	1 ea	Mop Hanger, stainless steel mp hanger, three spring loaded rubber grips, 17.68" long x 2.62" W
3	5 ea	WIRE SHELVING Metro Quick Ship - Super Erecta® Shelf, wire, 36"W x 24"D, Metroseal™ Green epoxy-coated corrosion-resistant finish with Microban® antimicrobial protection, plastic split sleeves are included in each carton, NSF
	4 ea	Quick Ship - Super Erecta® SiteSelect™ Post, 86-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection
4	1	EMERGENCY EYE WASH & SHOWER By Others EMERGENCY EYE WASH & SHOWER
		<By Other>
5		SPARE NO.
6	1 ea	COMMERCIAL WASTE CONTAINER Rubbermaid Commercial Products Packed 6 ea ProSave® BRUTE® Container, without lid, 32 gallon, 22"D x 27-1/4"H, round, reinforced rims, built in handles, double rimmed base, high-impact plastic construction, gray, NSF, Made in USA
	1 ea	Brute® Dolly, 18-1/4"D x 6-5/8"H, heavy duty 3" casters, 250 lb. capacity, for 2620, 2632, 2643, 2655, black, NSF, Made in USA (CANNOT BREAK CASE)
7	1 ea	REACH-IN REFRIGERATOR Hoshizaki Steelheart Series Refrigerator, reach-in, two-section, 50.37 cu. ft., top mounted self-contained refrigeration, (6) epoxy coated wire shelves, (2) full height solid hinged doors, digital temperature display/controls, LED interior lighting, stainless steel exterior front & sides, stainless steel interior, (4) 4" heavy duty casters (2 with brakes), R290 Hydrocarbon refrigerant, 1/2 HP, NEMA 5-15P, cETLus, ETL-Sanitation
	1 ea	Warranty: 5-Year labor on entire machine
	1 ea	Warranty: 6-Year parts on entire machine
	1 ea	Warranty: 7-Year parts on compressor
	1 ea	115v/60/1-ph, 8 amps, standard
	1 st	Casters, 4" (set of 4), standard
8	1 ea	REACH-IN FREEZER





Item	Qty	Description
		<p>Hoshizaki Steelheart Series Freezer, reach-in, two-section, 50.37 cu. ft., top mounted self-contained refrigeration system, (6) epoxy-coated wire shelves, (2) full-height solid hinged doors, digital temperature display/controls, audible/visual alarms, LED interior lighting, stainless steel interior, stainless steel exterior front & sides, (4) 4" heavy duty casters (2 with brakes), R290 Hydrocarbon refrigerant, 1 HP, NEMA 5-15P, cETLus, ETL-Sanitation</p> <p>1 ea Warranty: 5-Year labor on entire machine 1 ea Warranty: 6-Year parts on entire machine 1 ea Warranty: 7-Year parts on compressor 1 ea 115v/60/1-ph, 8.7 amps, standard 1 st Casters, 4" (set of 4), standard</p>
9	10 ea	<p>WIRE SHELVING</p> <p>Metro Quick Ship - Super Erecta® Shelf, wire, 60"W x 18"D, Metroseal™ Green epoxy-coated corrosion-resistant finish with Microban® antimicrobial protection, plastic split sleeves are included in each carton, NSF</p> <p>8 ea Quick Ship - Super Erecta® SiteSelect™ Post, 86-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection</p>
10		SPARE NO.
11	2 ea	<p>SECURITY UNIT</p> <p>Metro Super Erecta® Security Unit, mobile, Metroseal 3™ epoxy-coated corrosion-resistant finish with Microban® antimicrobial protection, 52-3/4"W x 27-1/4"D x 68-1/2"H, no intermediate shelves, (4) 5MP casters, NSF</p> <p>6 ea Super Erecta EZ-ADD Shelf, wire, 48"W x 24"D, corner hardware includes: (4) EZ-ADD Collars, (4) stainless steel mounting plates & (4) lock clips, Metroseal Green finish, NSF listed (ships in one box)</p>
12	1 ea	<p>REACH-IN REFRIGERATOR</p> <p>Hoshizaki Steelheart Series Refrigerator, reach-in, two-section, 50.37 cu. ft., top mounted self-contained refrigeration, (6) epoxy coated wire shelves, (2) full height solid hinged doors, digital temperature display/controls, LED interior lighting, stainless steel exterior front & sides, stainless steel interior, (4) 4" heavy duty casters (2 with brakes), R290 Hydrocarbon refrigerant, 1/2 HP, NEMA 5-15P, cETLus, ETL-Sanitation</p> <p>1 ea Warranty: 5-Year labor on entire machine</p>




Item	Qty	Description
	1 ea	Warranty: 6-Year parts on entire machine
	1 ea	Warranty: 7-Year parts on compressor
	1 ea	115v/60/1-ph, 8 amps, standard
	1 st	Casters, 4" (set of 4), standard
13	20 ea	WIRE SHELVING Metro Quick Ship - Super Erecta® Shelf, wire, 60"W x 18"D, Metroseal™ Green epoxy-coated corrosion-resistant finish with Microban® antimicrobial protection, plastic split sleeves are included in each carton, NSF
	16 ea	Quick Ship - Super Erecta® SiteSelect™ Post, 86-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection
14	8 ea	WIRE SHELVING Metro Quick Ship - Super Erecta® Shelf, wire, 36"W x 18"D, Metroseal™ Green epoxy-coated corrosion-resistant finish with Microban® antimicrobial protection, plastic split sleeves are included in each carton, NSF
	8 ea	Quick Ship - Super Erecta® SiteSelect™ Post, 61-13/16"H, for use with stem casters, Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection
	4 ea	Quick Ship - Super Erecta® Stem Caster, swivel, 5" dia., 1-1/4" face, 300 lb. capacity, corrosion resistant, polyurethane flat wheel tread, polymer horn, includes bumper
	4 ea	Quick Ship - Super Erecta® Stem Caster, swivel (with foot operated brake), 5" dia., 1-1/4" face, 300 lb. capacity, corrosion resistant, polyurethane flat wheel tread, polymer horn, includes bumper
15	1 ea	CAN RACK Channel Manufacturing Can Rack, Full Size - Mobile, Heavy-Duty Series, 25.5"W x 35"D x 82.25"H, Aluminum Construction, (162) #10 Cans or (216) #5 Cans, 5" x 2" Heavy-Duty Swivel Plate Casters w/ Zerk Grease Fitting model # CPS25U, Made in USA, NSF, 115lbs. (ITEM WEIGHT ONLY), weight does not include 50 lbs. for pallet weight
	1 ea	Lifetime warranty against rust and corrosion
	1 st	Accessories, Corner Bumper (Set of 4), 1lbs. (ITEM WEIGHT ONLY)
	1 st	Accessories, Caster Brakes, Heavy-Duty (Set of 2), 1lbs. (ITEM WEIGHT ONLY)
16		SPARE NO.


Item	Qty	Description
17	1 ea	ICE MAKER, CUBE-STYLE Hoshizaki Ice Maker, Cube-Style, 30"W, air-cooled, self-contained condenser, production capacity up to 1087 lb/24 hours at 70°/50° (935 lb AHRI certified at 90°/70°), stainless steel finish, crescent cube style, R-404A refrigerant, 208-230v/60/1-ph, 12.5 amps, NSF, UL
	1 ea	Warranty: 3-Year parts & labor on entire machine
	1 ea	Warranty: 5-Year parts & labor on evaporator
	1 ea	Warranty: 5-Year parts on compressor & air-cooled condenser
	1 ea	Water Filtration System, twin configuration, 19.11" H (manifold & cartridge)
	1 ea	Warranty: 1-Year on entire water filtration system & replaceable elements, standard
18	1 ea	ICE BIN FOR ICE MACHINES Hoshizaki Ice Bin, 30"W, top-hinged front-opening door, 500-lb ice storage capacity, for top-mounted ice maker, stainless steel exterior, painted legs included, protected with H-GUARD Plus Antimicrobial Agent, ETL, ETL-Sanitation
	1 ea	Warranty: 3-Year parts & labor for bin
	1 kt	Top Kit, 8", ABS
	1 ea	Scoop Holder Kit
19-20		SPARE NO.
21	1 ea	REACH-IN REFRIGERATOR Hoshizaki Steelheart Series Refrigerator, reach-in, two-section, 50.37 cu. ft., top mounted self-contained refrigeration, (6) epoxy coated wire shelves, (2) full height solid hinged doors, digital temperature display/controls, LED interior lighting, stainless steel exterior front & sides, stainless steel interior, (4) 4" heavy duty casters (2 with brakes), R290 Hydrocarbon refrigerant, 1/2 HP, NEMA 5-15P, cETLus, ETL-Sanitation
	1 ea	Warranty: 5-Year labor on entire machine
	1 ea	Warranty: 6-Year parts on entire machine
	1 ea	Warranty: 7-Year parts on compressor
	1 ea	115v/60/1-ph, 8 amps, standard
	1 st	Casters, 4" (set of 4), standard
22	1 ea	REACH-IN REFRIGERATOR


Item	Qty	Description
		<p>Hoshizaki Steelheart Series Refrigerator, reach-in, two-section, 50.37 cu. ft., top mounted self-contained refrigeration, (6) epoxy coated wire shelves, (2) full height solid hinged doors, digital temperature display/controls, LED interior lighting, stainless steel exterior front & sides, stainless steel interior, (4) 4" heavy duty casters (2 with brakes), R290 Hydrocarbon refrigerant, 1/2 HP, NEMA 5-15P, cETLus, ETL-Sanitation</p> <p>1 ea Warranty: 5-Year labor on entire machine 1 ea Warranty: 6-Year parts on entire machine 1 ea Warranty: 7-Year parts on compressor 1 ea 115v/60/1-ph, 8 amps, standard 1 st Casters, 4" (set of 4), standard</p>
23	1 ea	<p>REACH-IN REFRIGERATOR True Mfg. - General Foodservice Refrigerator, reach-in, (2) glass sliding doors, (6) PVC coated adjustable wire shelves, LED interior lighting, stainless steel front, aluminum sides, clear coated aluminum interior with stainless steel floor, 6" legs, R290 Hydrocarbon refrigerant, 1/2 HP, 115v/60/1-ph, 8.5 amps, NEMA 5-15P, cULus, UL EPH Classified, CE, Made in USA</p> <p>1 ea 7 year compressor warranty, 7 years parts warranty, 7 year labor warranty, standard. Visit www.truemfg.com for specifics. 1 ea Self-contained refrigeration standard 1 st Castors, 2-1/2"</p>
24	1 ea	<p>TRASH RECEPTACLE, INDOOR Rubbermaid Commercial Products Packed 4 ea Slim Jim® Container, 23 gallon, 22"W x 11"D x 30"H, with venting channels, molded-in handles, general purpose waste, open type without lid, high-impact plastic construction, gray, Made in USA</p>
25		SPARE NO.
26	1 ea	<p>WORK TABLE, 96", STAINLESS STEEL TOP John Boos Work Table, 96"W x 30"D, 14/300 stainless steel flat top, with Stallion Safety Edge front & back, 90° turndown on sides, stainless steel legs & adjustable undershelf, adjustable bullet feet, NSF, CSA-Sanitation, KD</p> <p>1 st Casters, 5", heavy duty, locking, for 1-5/8" diameter legs (set of 6) (Available in Effingham and Nevada) 1 ea Legs cut for casters for a standard 35.75" working height</p>
27	1 ea	HEATED HOLDING CABINET

Item	Qty	Description
		<p>Alto-Shaam Halo Heat® Heated Holding Cabinet, mobile, double-compartment, on/off simple control with adjustable thermostats, insulated, capacity for (8) 18" x 26" x 1" sheet pans in each compartment, heavy-duty stainless steel exterior and interior, 5" heavy-duty casters (2 rigid & 2 swivel with brake), EcoSmart®, cULus, UL EPH ANSI/NSF 4, CE, IPX3, TUV NORD</p> <p>1 ea NOTE: Subject to Manufacturer's Terms & Conditions. See Documents Section</p> <p>1 ea 120v/60/1-ph, 16.0 amps, 1.9kW, 9' cord, NEMA 5-20P</p> <p>2 ea Reach-in design, standard</p> <p>2 ea Solid door, hinged on right, standard</p>
28	1 ea	<p>TRASH RECEPTACLE, INDOOR</p> <p>Rubbermaid Commercial Products Packed 4 ea Slim Jim® Container, 23 gallon, 22"W x 11"D x 30"H, with venting channels, molded-in handles, general purpose waste, open type without lid, high-impact plastic construction, gray, Made in USA</p>
		
29	5 ea	<p>WIRE SHELVING</p> <p>Metro Quick Ship - Super Erecta® Shelf, wire, 60"W x 18"D, Metroseal™ Green epoxy-coated corrosion-resistant finish with Microban® antimicrobial protection, plastic split sleeves are included in each carton, NSF</p> <p>4 ea Quick Ship - Super Erecta® SiteSelect™ Post, 86-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection</p>
		
30		SPARE NO.
31	1 ea	<p>AIR CURTAIN</p> <p>Berner Architectural Series High Performance Air Curtain, 42" long, unheated, (1) 1/2 hp motor, three speed, for customer entrance door up to 10-feet high, anodized aluminum cover, wall mounting plate, .52kW, cULus, MADE IN USA</p> <p>1 ea Five year parts warranty (unheated units)</p> <p>1 ea If special freight fees are requested, (See below) all applicable fees will be added to the invoice; fees subject to change; contact factory for addition information.</p> <p>1 ea 120v/60/1-ph</p> <p>1 ea Satin anodized aluminum exterior finish, standard</p> <p>1 ea Mounting Bracket, for plunger door switch used with manual</p>
		

Item	Qty	Description
		swing doors (field mounted)
32	1 ea	REACH-IN REFRIGERATOR  Hoshizaki Steelheart Series Refrigerator, reach-in, one-section, 23.1 cu. ft., top mounted self-contained refrigeration system, (3) epoxy coated wire shelves, (1) full-height hinged glass door, digital temperature display/controls, LED interior lighting, stainless steel exterior front & sides, stainless steel interior, (4) 4" heavy duty casters (2 with brakes), R290 Hydrocarbon refrigerant, 1/4 HP, NEMA 5-15P, cETLus, ETL-Sanitation 1 ea Warranty: 5-Year labor on entire machine 1 ea Warranty: 6-Year parts on entire machine 1 ea Warranty: 7-Year parts on compressor 1 ea 115v/60/1-ph, 5 amps, standard 1 ea Casters, 4" (set of 4), field installed, standard
33	1 ea	HAND SINK  John Boos Pro-Bowl Hand Sink, wall mount, 12"W x 14-1/2"D x 12-1/4"H overall size, 9"W x 9" front-to-back x 5" deep bowl, splash mount faucet holes with 4" centers, 2" drain opening with basket drain, with left & right side splash, all stainless steel construction, includes mounting bracket, NSF, CSA-Sanitation (splash mount faucet included)
34	1 ea	TRASH RECEPTACLE, INDOOR  Rubbermaid Commercial Products Packed 4 ea Slim Jim® Container, 23 gallon, 22"W x 11"D x 30"H, with venting channels, molded-in handles, general purpose waste, open type without lid, high-impact plastic construction, gray, Made in USA
35		SPARE NO.
36	1 ea	REACH-IN REFRIGERATOR  Hoshizaki Steelheart Series Refrigerator, reach-in, one-section, 23.1 cu. ft., top mounted self-contained refrigeration system, (3) epoxy coated wire shelves, (1) full-height hinged glass door, digital temperature display/controls, LED interior lighting, stainless steel exterior front & sides, stainless steel interior, (4) 4" heavy duty casters (2 with brakes), R290 Hydrocarbon refrigerant, 1/4 HP, NEMA 5-15P, cETLus, ETL-Sanitation 1 ea Warranty: 5-Year labor on entire machine 1 ea Warranty: 6-Year parts on entire machine 1 ea Warranty: 7-Year parts on compressor 1 ea 115v/60/1-ph, 5 amps, standard

Item	Qty	Description
	1 ea	Casters, 4" (set of 4), field installed, standard
37	1 ea	WORK TABLE, 48", STAINLESS STEEL TOP John Boos Work Table, 48"W x 30"D, 14/300 stainless steel flat top, with Stallion Safety Edge front & back, 90° turndown on sides, stainless steel legs & adjustable undershelf, adjustable bullet feet, NSF, CSA-Sanitation, KD
		
	1 st	Casters, 5", heavy duty, locking, for 1-5/8" diameter legs (set of 4) (Available in Effingham and Nevada)
	1 ea	Legs cut for casters for a standard 35.75" working height
38	1 ea	BUN / SHEET PAN RACK Channel Manufacturing Bun Pan Rack, All-Welded, Standard Heavy-Duty Series, 20.5"W x 26"D x 70.25"H, Aluminum Construction, End Load, 2" Angle Spacing, (30) 18" x 26" or (60) 13" x 18" pans (2 per shelf), 5" Swivel Plate Casters model # CPS45U, Made in USA, NSF, 45lbs. (ITEM WEIGHT ONLY), weight does not include 50 lbs. for pallet weight
		
	1 ea	Lifetime warranty against rust and corrosion
	1 st	Accessories, Corner Bumper (Set of 4), 1lbs. (ITEM WEIGHT ONLY)
39	1 ea	WORK TABLE, 144", STAINLESS STEEL TOP John Boos Work Table, 144"W x 36"D, 14/300 stainless steel top with 5" backsplash, with Stallion Safety Edge front, 90° turndown on sides, stainless steel legs & adjustable undershelf, adjustable bullet feet, NSF, CSA-Sanitation, KD
		
	1 ea	Weld-In Undermount Sink, 1-compartment, 20"W x 20" front-to-back x 14" deep, 3-1/2" drain opening, 14/300 stainless steel fabricated bowl, includes cutout, bowl, faucet holes & welding/polishing (Not available for FBLG & UFBLG)
	1 ea	On the right (modification)
	1 ea	Heavy Duty Faucet, splash mount, 8" swing spout, 8" centers, 1/4 turn ceramic cartridges, color coded hot/cold indicators, integral check valve, 1/2" NPT, chrome finish, NSF, cCSAus, ADA Compliant (LEAD FREE FAUCET)
	1 ea	2" deep 5"H rear riser, with turndown & "Z" clips, in lieu of standard 1-1/2" deep 5"H rear riser
	1 pr	ADA Wrist Blades, stainless steel, (1 pair), use with heavy duty faucets ONLY
	1 ea	Twist Handle Lever Waste, for 3-1/2" industry standard sink opening, standard valve, basket strainer (includes an adapter for either 2" or 1-1/2" drain outlet)
	1 ea	Lever waste support arm bracket. Not for use with PB-LWS-1 or PB-LWS-1OV straight handle lever waste.

Item	Qty	Description
	1 ea	Note: Provisions made at factory for installation.
	1 ea	Twist Handle Lever Waste, for 3-1/2" industry standard sink opening, standard valve, overflow outlet & basket strainer (includes an adapter for either 2" or 1-1/2" drain outlet)
	1 ea	Lever waste support arm bracket. Not for use with PB-LWS-1 or PB-LWS-1OV straight handle lever waste.
	1 ea	Note: Provisions made at factory for installation.
	1 ea	Over flow hole, rear centered (modification)
40		SPARE NO.
41	1 ea	WORK TABLE, 108", STAINLESS STEEL TOP John Boos Work Table, 108"W x 30"D, 14/300 stainless steel flat top, with Stallion Safety Edge front & back, 90° turndown on sides, stainless steel legs & adjustable undershelf, adjustable bullet feet, NSF, CSA-Sanitation, KD
		
	1 ea	Drop-in hand sinks
	1 ea	Pro-Bowl Drop-In Sink, 1-compartment, 12-5/8"W x 18-1/2"D x 11"H overall size, (1) 10"W x 14" front-to-back x 5" deep bowl, deck mount faucet holes with 4" centers, 3-5/16" drain opening with basket drain, with left & right side splashes, stainless steel construction, includes economy gooseneck faucet (PBF-4-DLF), NSF, CSA-Sanitation
	1 ea	Cutout per sketch (used for special cutouts for drop-in) (modification)
	1 ea	Weld-In Undermount Sink, 1-compartment, 20"W x 20" front-to-back x 14" deep, 3-1/2" drain opening, 14/300 stainless steel fabricated bowl, includes cutout, bowl, faucet holes & welding/polishing (Not available for FBLG & UFBLG)
	1 ea	On the left (modification)
	1 ea	Heavy Duty Faucet, deck mount, 8" swing spout, 8" centers, 1/4 turn ceramic cartridges, color coded hot/cold indicators, integral check valve, 1/2" NPT, chrome finish, NSF, cCSAus, ADA Compliant (LEAD FREE FAUCET)
	1 pr	ADA Wrist Blades, stainless steel, (1 pair), use with heavy duty faucets ONLY
	1 ea	Twist Handle Lever Waste, for 3-1/2" industry standard sink opening, standard valve, overflow outlet & basket strainer (includes an adapter for either 2" or 1-1/2" drain outlet)
	1 ea	Lever waste support arm bracket. Not for use with PB-LWS-1 or PB-LWS-1OV straight handle lever waste.
	1 ea	Note: Provisions made at factory for installation.
	1 ea	Over flow hole, rear centered (modification)
42	1 ea	REACH-IN REFRIGERATOR

Item	Qty	Description
	<p>1 ea 1 ea 1 ea 1 ea 1 st</p>	<p>Hoshizaki Steelheart Series Refrigerator, reach-in, two-section, 50.37 cu. ft., top mounted self-contained refrigeration, (6) epoxy coated wire shelves, (2) full height solid hinged doors, digital temperature display/controls, LED interior lighting, stainless steel exterior front & sides, stainless steel interior, (4) 4" heavy duty casters (2 with brakes), R290 Hydrocarbon refrigerant, 1/2 HP, NEMA 5-15P, cETLus, ETL-Sanitation</p> <p>Warranty: 5-Year labor on entire machine Warranty: 6-Year parts on entire machine Warranty: 7-Year parts on compressor 115v/60/1-ph, 8 amps, standard Casters, 4" (set of 4), standard</p>
43	<p>1 ea 1 ea 1 st</p>	<p>BUN / SHEET PAN RACK Channel Manufacturing Bun Pan Rack, All-Welded, Standard Heavy-Duty Series, 20.5"W x 26"D x 70.25"H, Aluminum Construction, End Load, 2" Angle Spacing, (30) 18" x 26" or (60) 13" x 18" pans (2 per shelf), 5" Swivel Plate Casters model # CPS45U, Made in USA, NSF, 45lbs. (ITEM WEIGHT ONLY), weight does not include 50 lbs. for pallet weight</p> <p>Lifetime warranty against rust and corrosion Accessories, Corner Bumper (Set of 4), 1lbs. (ITEM WEIGHT ONLY)</p>
44	<p>1 ea 1 ea 1 ea 1 ea 1 ea 1 ea</p>	<p>AIR CURTAIN Berner Architectural Series High Performance Air Curtain, 72" long, unheated, (2) 1/2 hp motors, three speed, for customer entrance door up to 10-feet high, anodized aluminum cover, wall mounting plate, 1.04kW, cULus, MADE IN USA</p> <p>Five year parts warranty (unheated units) If special freight fees are requested, (See below) all applicable fees will be added to the invoice; fees subject to change; contact factory for addition information. 120v/60/1-ph Satin anodized aluminum exterior finish, standard Mounting Bracket, for plunger door switch used with manual swing doors (field mounted)</p>
45.1	1	<p>EXHAUST HOOD Captive-Aire 9ft 0" Long Exhaust-Only Wall Canopy Hood with Built-in 3" Back Standoff - 430 SS Where Exposed - FILTER - 16" tall x 16" (15.625" by 15.625") wide Stainless Steel Captrate Solo filter with hook, ETL Listed. Particulate capture efficiency: 85% efficient at 9 microns, 76% efficient at 5 microns.</p>

Item	Qty	Description
		<ul style="list-style-type: none"> - Recessed Round LED fixture and LED Light, 3500 K warm output. - EXHAUST RISER - Factory installed 14" Diameter X 4" Height - 1/2 Pint Grease Cup New Style, Flanged Slotted - FIELD WRAPPER 18.00" High Front, Left - Full Crating - BACKSPLASH 120.00" High X 248.00" Long 430 SS Vertical (Includes End Caps & Divider Bars) - LEFT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS - INSULATION FOR TOP OF HOOD - INSULATION FOR BACK OF HOOD <p>Electrical System: SC-321110MA 3 Phase w/ control for 2 Exhaust Fans, 1 Supply Fan, Exhaust on in Fire, Lights out in Fire, Relay On/Off with Supply Fan, Fan(s) On/Off Thermostatically Controlled. Room temperature sensor shipped loose for field installation. INVERTER DUTY 3 PHASE MOTOR REQUIRED FOR USE WITH VFD. Includes 2 Duct Thermostat kits.</p> <ul style="list-style-type: none"> - ESV751N02YXB571 - Variable Frequency Drive - 1 HP Max., 200/240 V, Single or Three Phase Input, 4.2 A Max., NEMA 1 Enclosure, with 2RJ-45 FOR MODBUS - ESV152N02YXB571 - Variable Frequency Drive - 2 HP Max., 200/240 V, Single or Three Phase Input, 7.0 A Max., NEMA 1 Enclosure, with 2RJ-45 FOR MODBUS - VERIZON CELLULAR KIT, WIRED ANTENNA AND VERIZON DATA FOR 1 YEARS. - Digital Prewire Lighting Relay Kit. Includes hood lighting relay & terminal blocks. Allows for up to 1400W of lighting each. - Thermistor CABLE - 18/2 AWG GREEN WHITE, plenum rated. USED for thermistor duct stat. Per Foot Price.

45.2	1	EXHAUST HOOD	<Included>
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Captive-Aire
 Included with Item 45.1.

- 9ft 0" Long Exhaust-Only Wall Canopy Hood with Built-in 3" Back Standoff
- 430 SS Where Exposed
 - Fire Cabinet on the Right Side 12.00" Width x 66.00" Length x 24.00" Height (Additional charges may apply for cabinet if not sold with fire system)
 - FILTER - 16" tall x 16" (15.625" by 15.625") wide Stainless Steel Captrate Solo filter with hook, ETL Listed. Particulate capture efficiency: 85% efficient at 9 microns, 76% efficient at 5 microns.
 - Recessed Round LED fixture and LED Light, 3500 K warm output.
 - EXHAUST RISER - Factory installed 14" Diameter X 4" Height




Item	Qty	Description	
		<ul style="list-style-type: none"> - 1/2 Pint Grease Cup New Style, Flanged Slotted - FIELD WRAPPER 18.00" High Front, Left - Full Crating - BACKSPLASH 120.00" High X 248.00" Long 430 SS Vertical (Includes End Caps & Divider Bars) - LEFT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS - INSULATION FOR TOP OF HOOD - INSULATION FOR BACK OF HOOD 	
46.1	1	<p>EXHAUST FAN Captive-Aire Included with Item 45.1.</p> <p>DU85HFA High Speed Direct Drive Centrifugal Upblast Exhaust Fan with speed control (speed control included for single phase only), disconnect switch and 15-3/4" wheel.</p> <ul style="list-style-type: none"> - Exhaust Fan handles 1400 CFM @ -1.250" wc ESP, Fan runs at 1355 RPM. - Exhaust Motor: 0.750 HP, 3 Phs, 208 V, 60 Hz, 2.6 FLA, ODP (Open Drip Proof) - Grease Cup for kitchen-duty centrifugal exhaust fans, - DU/DR85HFA Gasketing Kit - Thermeez Woven Ceramic Tape - 1/4" x 1" with adhesive back - Max Temp 1500°F. To be applied between fan base and grease duct. Installed under fan base 1/2" from the inside. Installed at the plant. - KEF-1 (L) Curb CRB23X26E On Fan #1 Flat Curb - Hinged Base for Curb. Standard Hinge attached to curb. Used on Fans with wheels 20 inches or smaller. 12 GA Galvanized. - Vented Base for Curb <p>NOTE: STANDARD FLAT CURBS (NON-SEISMIC RATED). SEISMIC CURBS ADDITIONAL COST.</p> <p>NOTE: STANDARD FLAT CURBS (NON-SEISMIC RATED). SEISMIC CURBS ADDITIONAL COST.</p>	<Included>
46.2	1	<p>EXHAUST FAN Captive-Aire DU180HFA High Speed Direct Drive Centrifugal Upblast Exhaust Fan with, disconnect switch and 18-3/4" wheel.</p> <ul style="list-style-type: none"> - Exhaust Fan handles 2000 CFM @ -1.500" wc ESP, Fan runs at 1179 RPM. - Exhaust Motor: 1.500 HP, 3 Phs, 208 V, 60 Hz, 6.6 FLA, ODP, Premium (E-Plus3) Eff. - Grease Cup for kitchen-duty centrifugal exhaust fans. - DU/DR180HFA Gasketing Kit - Thermeez Woven Ceramic Tape - 1/4" x 1" with adhesive back - Max Temp 1500°F. To be applied between fan base and grease duct. Installed under fan base 1/2" 	<Included>


Item	Qty	Description	<Included>
		<p>from the inside. Installed at the plant.</p> <ul style="list-style-type: none"> - KEF-2 Curb CRB26.5x26E On Fan #2 Flat Curb - Hinged Base for Curb. Standard Hinge attached to curb. Used on Fans with wheels 20 inches or smaller. 12 GA Galvanized. - Vented Base for Curb <p>NOTE: STANDARD FLAT CURBS (NON-SEISMIC RATED). SEISMIC CURBS ADDITIONAL COST.</p> <p>NOTE: STANDARD FLAT CURBS (NON-SEISMIC RATED). SEISMIC CURBS ADDITIONAL COST.</p>	<Included>
47	1	<p>MAKE UP AIR FAN</p> <p>Captive-Aire Included with Item 45.1.</p> <p>Fan #3 CAS-HVAC3-I.300-20-15T - Heater (RTU/MAU)</p> <ul style="list-style-type: none"> - CAS-HVAC3-I.300-20-15T RTU with Indirect Fired Heat and 20" Direct Drive Plenum Fan, 1 Furnace, Electronic Full Modulation, Constant 81% Efficiency, and 6:1 Max Turndown for NG, (5:1 Max Turndown for LP). Stainless Steel Burner and Heat Exchanger. Supply Fan handles 3600 CFM @ 1.000" wc ESP, Fan runs at 1233 RPM. Heater supplies 181658 BTUs. 44°F Temperature Rise. [Fuel: Natural Gas] Input: 224269 BTUs. Supply Motor: 3.000 HP, 3 Phs, 208 V, 60 Hz, 10.2 FLA, ODP, Premium (E-Plus3) Eff. Down Discharge - Air Flow Left -> Right - FARS KITCHEN MUA/RTU • Occupied/Unoccupied Scheduling • Space Temp Control • Heating and Cooling Activation Based On Either Set Point • Interlock/Auto Blower Mode • Smoke Detector Interlock • Space Sensor Ships Loose Includes 1 Space HMIs. - Gas Manifold for RTU 3-1 GM - BTU 0 - 400000 - 7 in. w.c. - 14 in. w.c., No Insurance Requirement (ANSI), BV250-88 - Gas Pressure Gauge, 0-35", 2.5" Diameter, 1/4" Thread Size - Gas Pressure Gauge, 0 to +10 Inches Wc., 2.5" Diameter, 1/8" Thread Size, Rear Thread - CFM monitoring for MUA units. Uses rivet nuts, 1/4" airflow tubing and push to connect fittings. - Intake Firestat. Set to 135°F - Freezestat - Discharge Firestat. Set to 240°F - Ship Loose Gas Strainer. To be installed upstream of unit connection. 1" Connection - Single Point Electrical Connection for RTU. QNTY 1 750va Transformer Used. If a Non-DCV Prewire controls this unit, the #28, #47, "MA", or "E2" Option Prewire must be selected. Do not provide supply starter in prewire. - RTU Size 3 Down Discharge - 2" Merv 13 Filters for Size 3 RTU. QTY 4, 20 x 25 x 2 Merv 13 Filters - 2" Merv 8 Filters for Size 3 RTU. QTY 4, 20 x 25 x 2 Merv 8 Filters 	<Included>






Item	Qty	Description
		<ul style="list-style-type: none"> - Overheat Stat factory set at 80°F and 10 minutes. Prevents unit from overheating the space when cooling. - Size 3 RTU Curb Duct Hanger - Adjustable Duct Hanger Support Brackets installed for both return and discharge duct. - Occupied Scheduling Defaulted for IBT/RTU. - 15 Ton Modulating Cooling Option, 208/230V. R410A Refrigerant, Variable Speed Inverter Duty Compressor, ECM Condensing Fan(s). - RTU Compressor Oil Sensor Factory Installed. M12 Style Connector. - 15 Ton Cooling Only Modulating Reheat Option for Space Control - R410A - RTU Size 3 Hail Guard for outdoor coil. Includes magnets and washers for installation. - Option to factory install RTU compressor sound blanket. Used on 15T 230V units. - RTU Manual 0-10V Intake Control. Actuator Control by 0-10VDC Output on Control Board. Intake Position Controlled Manually via HMI. - RTU Size 3 Down Return - Fixed dry bulb controls that modulate OA percentage based off temperature set points. - 24VAC Fire Input - Duct Mounted Smoke Detector For Commercial Direct Fired Heater. Complete with detector (D4120) and sampling tube (DST-1.5). Ships Loose - Low ambient cooling controls down to 0F ambient temperatures. To be used in recirculating applications. - Clogged Filter Switch with Notification on HMI - GFCI 15 amp Convenience Outlet For RTU3 Enclosure. 120V power supply by others. Includes receptacle, jbox & cover. - VFD factory mounted and wired on unit control panel for use with DCV. - ESV402N02TXB571 - Variable Frequency Drive - 5 HP Max., 200/240 V, Three Phase, 16.5 A Max., NEMA 1 Enclosure, with 2RJ-45 FOR MODBUS - VERIZON CELLULAR KIT, WIRED ANTENNA AND VERIZON DATA FOR 1 YEARS. USED WITH FAN. - RTU/MAU Curb CRB59.5X91X18INS Insulated On Fan #3 Flat Curb - Full Bottom Curb Corner. Base flange corners fully welded or staked by factory. - Size 3 RTU Curb Duct Hanger - Adjustable Duct Hanger Support Brackets installed for both return and discharge duct. <p>NOTE: STANDARD FLAT CURBS (NON-SEISMIC RATED). SEISMIC CURBS ADDITIONAL COST.</p>

Item	Qty	Description	
		NOTE: STANDARD FLAT CURBS (NON-SEISMIC RATED). SEISMIC CURBS ADDITIONAL COST.	<Included>
48	1	FIRE SUPPRESSION SYSTEM Captive-Aire Included with Item 45.1. TANK-SP-3 Tank Fire Suppression 12 gallon Fire System in Utility Cabinet (includes pre-piped hood(s) with electric detection, tank(s), 24 VDC release mechanism, fire system agent, pressurized tanks, and electric pull station). (Formerly CAS-EWC). Includes piping for hoods: 1, 2. - Tank-based Fire Protection System equipped with Electronic Detection utilizing CORE board as a Listed Release Mechanism. Installed in Hood Utility Cabinet with integral hood prewire panel. - Pressure Switch - Monitors Tank Pressure, Supervised Signal, TANK FIRE SUPPRESSION - SC-EGVA2 GAS VALVE - 2" Electrical Shutoff Valve for use with HMI reset, 110V, 60Hz (#8214280). Includes upstream strainer assembly. - K class fire extinguishers by others.	<Included>
49-50		SPARE NO.	
51	1 ea	BUN / SHEET PAN RACK Channel Manufacturing Bun Pan Rack, All-Welded, Standard Heavy-Duty Series, 20.5"W x 26"D x 70.25"H, Aluminum Construction, End Load, 2" Angle Spacing, (30) 18" x 26" or (60) 13" x 18" pans (2 per shelf), 5" Swivel Plate Casters model # CPS45U, Made in USA, NSF, 45lbs. (ITEM WEIGHT ONLY), weight does not include 50 lbs. for pallet weight	
	1 ea	Lifetime warranty against rust and corrosion	
	1 st	Accessories, Corner Bumper (Set of 4), 1lbs. (ITEM WEIGHT ONLY)	
52	1 ea	CONVECTION OVEN, GAS Blodgett (Middleby) Convection Oven, gas, double-deck, bakery depth, capacity (5) 18" x 26" pans per compartment, (SSD) solid state digital controls, 2-speed fan, interior light, simultaneous operated doors with glass, stainless steel front, sides & top, 6" stainless steel legs, flue connector, (2) 1/2 HP, 60,000 BTU each, cETL, NSF	
	1 ea	3 year parts, 2 year labor and 2 additional year door warranty (parts only), standard	
	1 ea	Gas type to be determined	
	2 ea	115v/60/1-ph, 6.0 amps, 1/2 hp, 3-wire with ground, NEMA 5-15P (per deck), standard	
	1 ea	Top Oven: Solid State digital with Pulse Plus® and Cook & Hold, standard	




Item	Qty	Description
	1 ea	Bottom Oven: Solid State digital with Pulse Plus® and Cook & Hold, standard
	1 ea	Draft diverter or Draft hood must be selected below
	1 st	4" low profile plate casters (set)
	1 ea	NOTE: DO NOT deduct cost of standard legs
	1 ea	48" flexible gas hose with quick disconnect & restraining device
53	1 ea	CONVECTION OVEN, GAS Blodgett (Middleby) Convection Oven, gas, double-deck, bakery depth, capacity (5) 18" x 26" pans per compartment, (SSD) solid state digital controls, 2-speed fan, interior light, simultaneous operated doors with glass, stainless steel front, sides & top, 6" stainless steel legs, flue connector, (2) 1/2 HP, 60,000 BTU each, cETL, NSF
	1 ea	3 year parts, 2 year labor and 2 additional year door warranty (parts only), standard
	1 ea	Gas type to be determined
	2 ea	115v/60/1-ph, 6.0 amps, 1/2 hp, 3-wire with ground, NEMA 5-15P (per deck), standard
	1 ea	Top Oven: Solid State digital with Pulse Plus® and Cook & Hold, standard
	1 ea	Bottom Oven: Solid State digital with Pulse Plus® and Cook & Hold, standard
	1 ea	Draft diverter or Draft hood must be selected below
	1 st	4" low profile plate casters (set)
	1 ea	NOTE: DO NOT deduct cost of standard legs
	1 ea	48" flexible gas hose with quick disconnect & restraining device
54	1 ea	STOCK POT RANGE, 1 TWO-RING BURNER Vulcan Stock Pot Range, gas, 18"W x 24"D x 23"H, (1) cast iron two-ring burner, individual manual controls, cast iron top grate, standing pilot ignition system, 3/4" gas pressure regulator, stainless steel front & sides, 12" adjustable legs, 110,000 BTU, CSA, NSF
		
54A	1 kt	BLUE HOSE GAS CONNECTOR KIT Dormont Manufacturing Packed 1 kt Dormont Blue Hose™ Moveable Gas Connector Kit, 3/4" inside dia., 48" long, covered with stainless steel braid, coated with blue antimicrobial PVC, (1) SnapFast® QD, (1) full port valve, (2) 90° elbows, (1) pair Safety Set® with hardware mounting options, limited lifetime warranty
		
55	1 ea	FAUCET, KETTLE / POT FILLER

Item	Qty	Description
		T&S Brass Pot Filler Faucet, wall mounted, 18"L double-jointed swing nozzle, off-on volume control outlet with insulated grip, 1/2" NPT female inlet, chrome-plated brass, Low Lead, cCSAus
56	1 ea	RANGE, 36", 6 OPEN BURNERS Vulcan Endurance™ Restaurant Range, natural gas, 36", (6) 30,000 BTU burners, lift-off burner heads, standard oven, stainless steel front, sides, backriser, & lift-off high shelf, fully MIG welded chassis, 6" adjustable legs, 215,000 BTU, CSA, NSF 1 ea 1 year limited parts & labor warranty, standard 1 ea Stainless steel backriser & lift-off high shelf, standard 1 ea Casters, 5" (set of 4) (2 with locks) 1 ea 3/4" x 4' long gas flex hose & quick disconnect with restraining device
57	1 ea	WORK TABLE, 30", STAINLESS STEEL TOP John Boos Work Table, 30"W x 36"D, 14/300 stainless steel top with 5" backsplash, with Stallion Safety Edge front, 90° turndown on sides, stainless steel legs & adjustable undershelf, adjustable bullet feet, NSF, CSA-Sanitation, KD 1 st Casters, 5", heavy duty, locking, for 1-5/8" diameter legs (set of 4) (Available in Effingham and Nevada) 1 ea Legs cut for casters for a standard 35.75" working height
58	1 ea	RANGE, 48" THERMOSTATIC GRIDDLE Southbend (Middleby) S-Series Restaurant Range, gas, 48", griddle, thermostatic controls, (2) space saver ovens, snap action thermostat, (2) removable crumb drawers, hinged lower valve panel, includes (1) rack per oven, stainless steel front, sides, removable shelf, 4" front rail & 6" adjustable legs, 150,000 BTU, cCSAus, CSA Flame, CSA Star, NSF 1 ea Domestic Shipping, inside of North America 1 ea Standard one year limited warranty (range) 1 ea Gas type to be specified 1 ea Casters, 2 locking & 2 standard, in lieu of legs 1 ea 3/4" quick disconnect with 4' hose
59	1 ea	WORK TABLE, 30", STAINLESS STEEL TOP

Item	Qty	Description
		John Boos Work Table, 30"W x 36"D, 14/300 stainless steel top with 5" backsplash, with Stallion Safety Edge front, 90° turndown on sides, stainless steel legs & adjustable undershelf, adjustable bullet feet, NSF, CSA-Sanitation, KD
	1 st	Casters, 5", heavy duty, locking, for 1-5/8" diameter legs (set of 4) (Available in Effingham and Nevada)
	1 ea	Legs cut for casters for a standard 35.75" working height
60		SPARE NO.
61	4 ea	CART, UTILITY/BUSSING Cambro Service Cart Pro, 31-1/4"L x 18"W x 34"H, small, (3) ribbed shelves, open sides, 390 lbs. total weight capacity (130 lbs. per shelf), (2) 3" rigid and (2) 3" swivel casters with brake, one piece molded body, polyethylene, black, NSF
		
62	1 ea	TRASH RECEPTACLE, INDOOR Rubbermaid Commercial Products Packed 4 ea Slim Jim® Container, 23 gallon, 22"W x 11"D x 30"H, with venting channels, molded-in handles, general purpose waste, open type without lid, high-impact plastic construction, gray, Made in USA
		
63	1 ea	HAND SINK John Boos Pro-Bowl Hand Sink, wall mount, 12"W x 14-1/2"D x 12-1/4"H overall size, 9"W x 9" front-to-back x 5" deep bowl, splash mount faucet holes with 4" centers, 2" drain opening with basket drain, with left & right side splash, all stainless steel construction, includes mounting bracket, NSF, CSA-Sanitation (splash mount faucet included)
		
64	1 ea	THREE (3) COMPARTMENT SINK John Boos Pro-Bowl Sink, 3-compartment, 93-1/4"W x 29-1/2"D x 44-1/16"H overall size, (3) 18"W x 24" front-to-back x 12" deep compartments, (2) 18" left & right drainboards, 10"H boxed backsplash with 45° top and 2" return, (1) set of splash mount faucet holes with 8" centers, 3-1/2" die-stamped drain opening, 16/300 stainless steel construction, stainless steel legs, adjustable front & side bracing, adjustable bullet feet, NSF, CSA-Sanitation, KD
		
	3 ea	Twist Handle Lever Waste, for 3-1/2" industry standard sink opening, standard valve, overflow outlet & basket strainer (includes an adapter for either 2" or 1-1/2" drain outlet)
	3 ea	Lever waste support arm bracket. Not for use with PB-LWS-1 or

Item	Qty	Description
		PB-LWS-10V straight handle lever waste.
	3 ea	Note: Provisions made at factory for installation.
	3 ea	Over flow hole, rear centered (modification)
	1 ea	Pot Rack, wall mount, double bar, 96"W x 12"D x 16"H overall size, 3/16" x 2" stainless steel flat bar, includes (16) stainless steel double hooks, NSF, CSA-Sanitation
	12 ea	Pot Hook, double prong, stainless steel
65	1 ea	PRE-RINSE FAUCET ASSEMBLY, WITH ADD ON FAUCET T&S Brass EasyInstall Pre-Rinse Unit, 8" wall mount, 14" EasyInstall add-on faucet, Cerama cartridges with check valves, lever handles with color coded indexes, 18" rigid riser, 44" flexible stainless steel hose, 1.07 GPM JeTSpray spray valve, 6" adjustable wall bracket, installation kit, 1/2" NPT, low lead, NSF, cCSAus (B-0108 & B-0230-K)
	1 ea	3 year limited warranty, standard
66	5 ea	WIRE SHELVING Metro Quick Ship - Super Erecta® Shelf, wire, 30"W x 21"D, Metroseal™ Green epoxy-coated corrosion-resistant finish with Microban® antimicrobial protection, plastic split sleeves are included in each carton, NSF
	4 ea	Quick Ship - Super Erecta® SiteSelect™ Post, 86-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection
67	5 ea	WIRE SHELVING Metro Quick Ship - Super Erecta® Shelf, wire, 48"W x 24"D, Metroseal™ Green epoxy-coated corrosion-resistant finish with Microban® antimicrobial protection, plastic split sleeves are included in each carton, NSF
	5 ea	Quick Ship - Super Erecta® SiteSelect™ Post, 86-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection
68	1 ea	CLEAN DISHTABLE

Item	Qty	Description
	<p>1 ea</p> <p>1 ea</p>	<p>John Boos Pro-Bowl Clean Dishtable, straight design, 72"W x 30"D x 44"H overall size, left-to-right operation, 10"H boxed backsplash with 45° & 2" return, 2-1/4"H rolled edge, 14/300 stainless steel top, stainless steel legs, bracing, & adjustable bullet feet, NSF</p> <p>SPECIFY DISH MACHINE BRAND AND MODEL. John Boos standard opening is 20-7/8". Certain dish machines require modification at additional cost not shown here.</p> <p>Dishrack Sorting Shelf, 63"W x 18"D x 12-1/4"H, wall mounted, slanted, tubular, includes brackets, 16/300 stainless steel, NSF</p>
<p>69</p>	<p>1 ea</p> <p>1 ea</p> <p>1 ea</p>	<p>DISHWASHER, POT/PAN/UTENSIL, DOOR TYPE CMA Dishmachines Energy Mizer® Pot & Pan Dishwasher, door type, 44"W x 25-1/2"D x 67"H, double rack, straight-thru design, low temperature chemical sanitizing, (80) racks/hour, 27" dish clearance, top mounted controls with built-in chemical pumps & delimiting system, auto start/stop, upper & lower wash arms with pull-pin design, Poly Pro™ scrap accumulator, integrated scrap tray, built-in strainer in water inlet, stainless steel construction, 1 HP wash pump, NSF, cULus</p> <p>Export voltage available</p> <p>115v/60/1-ph, 30.0 amps, standard</p>
<p>70</p>		<p>SPARE NO.</p>
<p>71</p>	<p>1 ea</p> <p>1 pr</p> <p>1 ea</p>	<p>SOILED DISHTABLE John Boos Pro-Bowl Soiled Dishtable, straight design, 84"W x 30"D x 44"H overall size, left-to-right operation, (1) 20"W x 20" front-to-back x 8" deep pre-rinse sink bowl, 10"H boxed backsplash with 45° top & 2" return, (1) set of splash mount faucet holes with 8" centers, 2-1/4"H rolled edge, 14/300 stainless steel top, stainless steel legs, bracing, & adjustable bullet feet, NSF</p> <p>SPECIFY DISH MACHINE BRAND AND MODEL. John Boos standard opening is 20-7/8". Certain dish machines require modification at additional cost not shown here.</p> <p>Vac breaker holes in backsplash, per pair (modification)</p> <p>Dishrack Sorting Shelf, 42"W x 18"D x 12-1/4"H, wall mounted, slanted, tubular, includes brackets, 16/300 stainless steel, NSF</p>
<p>72</p>	<p>1 ea</p>	<p>DISPOSER Salvajor Disposer, Sink Assembly, 3-1/2" sink collar, 2 Hp motor, start/stop push button MSS control, includes fixed nozzle, chrome plated vacuum breaker, solenoid valve, sink stopper & flow control, heat treated aluminum alloy housing, UL, CE</p>

Item	Qty	Description	
	1 ea	208v/60/3-ph, 6.6 amps	
	1 ea	Mounting bracket for RSS, MSS, MSS-LD, MRSS, MRSS-LD	
	1 ea	Disposer support leg, for 3/4 HP - 2 HP disposers	
	1 ea	Seismic flange for support leg	
73	1 ea	COMMERCIAL WASTE CONTAINER Rubbermaid Commercial Products Packed 6 ea ProSave® BRUTE® Container, without lid, 32 gallon, 22"D x 27-1/4"H, round, reinforced rims, built in handles, double rimmed base, high-impact plastic construction, gray, NSF, Made in USA	
	1 ea	Brute® Dolly, 18-1/4"D x 6-5/8"H, heavy duty 3" casters, 250 lb. capacity, for 2620, 2632, 2643, 2655, black, NSF, Made in USA (CANNOT BREAK CASE)	
Total			\$300,851.34



Prices Good Until: 08/21/2024

Prices are valid for **60 days**, thereafter reconfirm.

NOTE: Once submittals are approved and orders are ready to release to the factories we'll confirm if any price increases from the manufacturers have occurred. If so, those increases will be added to the contract via change order.

In order to hold pricing, any required submittals will need to be returned/approved no later than two weeks after submission by TriMark so that we may release purchase orders to our vendors.

In order to process purchase orders and begin fabrication, the following manufacturers are requiring deposits. TriMark will need to bill for these deposits at the time of order.

Manufacturers and deposits are as follows:

If Energy savings Instant Rebates are in above pricing please note:
 Rebates shown are those that are known at time of bid and can change at any time. TriMark will make all efforts to ensure the maximum rebates available are reflected in your final pricing/invoices.

WARRANTIES:

All other Warranties, Express or implied, including without limitation Warranties of Fitness for a particular purpose, are disclaimed to the fullest extent allowed by LAW.

TAXES:

All applicable taxes are subject to the current rate at time of final invoicing and are the responsibility of the customer.

This Quote shall be subject to TriMark's Terms of Sale:

<https://www.trimarkusa.com/SiteMedia/SiteResources/Terms/TriMark-Terms-and-Conditions-of-Sale.pdf>, which are incorporated by reference and shall govern. The parties specifically agree that no signature shall be required in order for this Quote or its applicable terms and conditions to be deemed legally binding and enforceable on Customer where the intent to be so bound can be inferred (including by acceptance or retention of products or services), notwithstanding contrary requirements under any law. Any tax or similar fees shown in this Quote are an estimate only.

INCLUSIONS:

- Provide and Install all items listed in 11400 specifications as it pertains to our scope. If there is a clash between Food Service and Architectural Plans, Food Service Plans take precedence.
- Hoods/Fire Suppression, Ansul valve up to 2" (if larger valve needed, an additional fee will apply), Cold Storage Rooms, Refrigeration, Stainless Steel Fixtures, Manufactured Kitchen Equipment, Freight, Taxes, K.E.C. Prepared submittal package including M.E.P. Coordination Drawings, Product Data Brochures, Shop Drawings, Operation and Maintenance Manuals, all in electronic format only (hard copies of submittal package can be provided at an additional cost), Start Ups, Demonstrations, 1-year parts and labor warranty through factories, 5-year compressor **part only** warranty through factories where applicable.

NOT INCLUDED IN OUR PROPOSAL:

Please be advised that the submission of this bid or quote does not guarantee TriMark acquisition of any payment, performance or other bond that is or may be required and there shall be no reliance on TriMark submission of this bid or quote that any required bond will be secured.

If Seismic Engineering is required, Additional charges for Seismic Installation/Materials may apply after engineering is complete.

Any additional Fire Suppression required/beyond system(s) included beneath exhaust hood(s) (common ducts/pollution controls/etc..) are excluded and will need to be priced as a change order.

RETURN OF PRODUCTS. All returns must be made within thirty (30) days of delivery of the Goods or Services. The Goods must be in new condition and shall be subject to the acceptance of TriMark and/or its suppliers. Customer agrees to pay the costs of return packaging, shipping and handling, as well as any restocking fees charged by TriMark or its suppliers. Fabricated or custom manufactured products may not be returned or cancelled for the return and cancellation terms applicable to this Quote.

Exclusions:

*Price reduction/Monetary credit for participation in OCIP/CCIP insurance programs(We will enroll and participate), Concrete curbs, Rooftop Curbs, Housekeeping Pads, Demolition, Finished floors & grouting around walk in boxes, Core drilling, X-Ray Scanning Pad for refrigeration rack, Wood thermal breakers, Hand rails, Installation of "embedded" items, Conduit line runs for all equipment, Beer system(s), Beverage line(s) and conduits, All floor/wall/ceiling/roof penetrations, Saw-cutting, Sleeves, Ducts, Fans, Blowers, Certified welders, Final weld from duct to hood, General carpentry (i.e.: backing/blocking),, SSM, Millwork, Wood finishes on counters as noted, Masonry/Tile work, FRP, **All plumbing, electrical, mechanical, and inter-MEP or final MEP connections and waste lines**, Final connections and inter connections to pre-wired/pre-plumbed custom counters, Roof jacks, Pitch pockets, Condensate drains from coils in walk in, Inter-wiring coils to condensers, , Interfacing/Wiring of fire suppression system to exhaust system(s)to HVAC equipment or BMS(DCV) Systems, to building main alarm or life safety, Electrical shunt trip connectors and any other controlling switch/micro switch, Fire extinguishers, Forklifts, Grade-alls, Hoisting, Cranes, Participation in Composite crews, Installation, training, & demonstration of residential appliances, Seismic calculations/installation, Participation in any cooperative assessment for trash removal and/or trade damage, Handling owner furnished equipment, Any fees and/or permits for building/health dept., Final kitchen cleaning, Bid bond, Performance/Payment bond, Overtime for "field" labor, BIM 3D modeling, Hard copies of submittal and close out documents, Videotaping of equipment demos, Anchoring & bracing other than those shown in the 11400 specs or food service drawings, Preventative maintenance contract.*

**CONTRACTOR LICENSE NO: CA 1014395
DIR#: 100005656**

Acceptance: _____ Date: _____

Printed Name: _____

Project Grand Total: \$300,851.34