

TOWN OF SOMERS
PROFESSIONAL SERVICES PROCUREMENT NOTICE
REQUEST FOR PROPOSAL
BOILER REPLACEMENT SOMERS HIGH SCHOOL

The Town of Somers will be accepting proposals from qualified individuals or firms to provide a turnkey replacement of two existing hot water heating boilers, pumps, water heaters and associated appurtenances at the Somers High School in Somers, CT. Interested individuals and firms should obtain the complete RFP and related information from the Board of Education website at: www.somers.k12.ct.us or via the Town's website at www.somersct.gov/documents

Proposals must be submitted to:

Stephanie M. Levin, Director of Business Services
1 Vision Blvd Somers, CT 06071

no later than February 11, 2022

LATE PROPOSALS WILL NOT BE CONSIDERED.

An Affirmative Action/Equal Opportunity Employer. Minority/Women /Disadvantaged Business Enterprises are encouraged to bid.

TABLE OF CONTENTS

Page No.

| | | |
|--------------------|---|----------|
| Section I | General Information | 3 |
| Section II | Considerations and Restrictions | 3 |
| | Scope of Work | 4 |
| | Project Submittals | 6 |
| | Term of Service/Time for Completion | 7 |
| | Project Coordination | 7 |
| Section III | Submission of Proposal | 7 |
| | Minimum Requirements | 7 |
| | Site Inspection | 8 |
| | Proposal Instructions | 8 |
| | Evaluation Criteria | 10 |
| | Selection Process | 11 |
| | Timeline | 11 |
| | Form of Contract | 11 |
| | Insurance Requirements | 12 |
| | Indemnification | 13 |
| Attachments | | |
| • | Attachment A – Selected Plan Pages | 14 |
| • | Attachment B - Town of Somers Response Page | 15 |
| • | Attachment C – Statement of Non-Collusion | 17 |
| • | Attachment D - Drawings and Related Documents | 18 |

SECTION I – GENERAL INFORMATION

Background – The Somers Board of Education has identified a need for replacement boilers at Somers High School. Currently the high school has one boiler completely offline and is operating with one rented boiler with the secondary boiler actively leaking.

General Intent - It is the general intent of the Town of Somers to retain a qualified Mechanical Contractor to provide a turnkey replacement of the two existing hot water heating boilers, pumps, water heaters and associated appurtenances at Somers High School. The Proposal shall include provision of the two new boilers and water heaters and all demolition and new construction work identified in the drawings and scope of work and shall comply with Terms and Conditions and other documents provided by the Town of Somers. It is expected that the selected firm's scope will include all necessary work through occupancy and project closeout. The Town reserves the right to contract with more than one contractor for these services.

In general, this Request for Proposal (RFP) seeks to replace the heating boilers, main circulation pumps, water heaters, piping and other equipment as follows:

- Remove and replace two existing cast iron oil fired hot water heating boilers and replace with two new cast iron oil fired hot water boilers and provide a new oil fired “summer” boiler.
- Remove and replace four base mounted hot water distribution pumps and remove two unused base mounted pumps.
- Remove two existing 750 gallon oil fired water heaters and associated breechings, flues, domestic water piping and other appurtenances
- Remove existing heating hot water piping, valves trim and accessories as indicated.
- Remove and replace existing boiler breechings, provide new breechings and patch masonry chimney as required.
- Provide interface to the existing Energy Management System boiler room controller and network server as indicated.
- Provide electrical work as required.
- Provide general trades work as required (concrete, trench covers, etc.)
- Coordinate and interface to DDC temperature controls with Owner's contracted Energy Management & Controls Systems vendors (Environmental Systems Corp.)

Additional specific scope of work information and specifications follow in this RFP and the accompanying drawings.

SECTION II – CONSIDERATIONS AND RESTRICTIONS

The Contractor will enter into an agreement with the Town of Somers for all work including mechanical HVAC work, supporting electrical work, and any general trades work identified in the Scope of Work. The Contractor will be responsible for the complete execution of all work indicated in this RFP and in accordance with the Specifications. All subcontractors (insulators, electricians, etc.) shall be under the control of the Contractor.

Within this RFP and other Contract Documents, where the term “Contractor” is used, it shall mean the Contractor submitting the Proposal and providing the overall execution, coordination

and management of the Project.

Within this RFP and other Contract Documents, where the term "Owner's Engineering Consultant" is used, it shall mean the Owner's consultants preparing this RFP, the Drawings and the Specifications and providing consultation and review services throughout the Project to completion.

Within this RFP where the term "Owner" is used, it shall mean the agents and staff of the Town of Somers and the Somers Public Schools and/or their separately contracted vendors, subcontractors or agents.

Schedule of installation of systems during non-school hours and the use of multiple contracts/contractors.

The successful respondent shall ensure the building and systems will comply with all applicable codes.

All drawings, reports, data, and other documents prepared by the Contractor according to this Agreement shall be submitted to the Owner for its review and approval. Resulting work products of the Contractor pursuant to this solicitation shall become property of the Town of Somers.

No such approval shall in any way be construed to relieve the Contractor of responsibility for technical adequacy or operate as a waiver of any of the Town's rights under this Agreement. The Contractor shall remain liable to the Town according to applicable laws and practices for all damages to the Town caused by the Contractor's negligent performance of any of the services furnished under this Agreement.

The Contractor shall conduct regular meetings with the project team, at a location established by the Town to review progress. The Contractor will provide written notes of each meeting to all attending parties before the next meeting. The Contractor will be responsible to attend public meetings associated with this project.

Consideration will be given to the type of building and delivery system proposed, the associated cost, and the impacts of construction, and sustainability and energy efficiency.

All Contractors bidding on this RFP shall be Mechanical Contractors firms regularly engaged in the construction, installation and servicing of Boilers and Heating systems.

The Town shall not be obligated to accept any proposal and the Town shall reserve the sole right to determine the appropriateness of any proposal for this work.

SCOPE OF WORK

Scope of Work is indicated in the Project Drawings and Specifications. Following is a brief Summary of the Work and includes, but is not limited to:

- A. Provide shop drawing submittals of proposed boilers, water heaters, pumps, valves and controls and other items indicated in the specifications for engineer's and Owner's acceptance.
- B. Disconnect existing electric power and controls and make safe for unit removal. Prepare electrical for new replacement boilers, pumps and controls.
- C. Disconnect and remove indicated heating hot water piping and fuel oil piping inside boiler room at locations indicated, preparing pipe ends for extension to new boilers and equipment. Provide isolation valves for main HWS&R lines inside boiler room.
- D. Remove existing oil fired heating boilers, pumps and water heaters. There is an exterior areaway with doors into the boiler room from outside.
- E. Remove the main HW heating distribution pumps, heat exchanger and other trim and accessories indicated. Remove portions of the domestic HW piping as indicated.
- F. Clean the boiler room. Prepare the space, housekeeping pads, and other areas to accept the new equipment and work.
- G. Deliver, rig and install new heating boilers, water heaters, pumps, hydronic accessories and equipment.
- H. Provide new heating and domestic hot water piping, valves, trim, insulation and accessories as indicated.
- I. Remove existing boiler breechings and replace with new to the existing masonry chimney. Provide new boiler breechings for the new summer boiler.
- J. Remove fuel oil piping to existing water heaters.
- K. Provide new boiler controller and interface to EMCS controls as indicated.
- L. Reconnect power to new boilers, water heaters, VFDs and pumps and reconfigure power to new control panels, water heaters and other items indicated.
- M. Start up system, test and place into operation. Coordinate startup with Owner's EMCS Contractor and Town of Somers maintenance personnel.
- N. Make provisions to protect work area, access route, the site and building conditions from damage and repair/restore to original condition if damaged during work. Provide suitable floor coverings in work and traffic areas.
- O. Refer to drawings, specifications and drawing notes for additional scope of work items.

WORK BY OTHERS:

- A. The Owner will test the boiler room piping, equipment and other areas for asbestos and/or other hazardous materials. If abatement work or activities arise from positive tests, the Town of Somers will make arrangements and contract the abatement work separately.
- B. The Owner will remove all loose equipment and stored materials in the boiler room.
- C. Coordinate work with the existing temporary boiler brought on site by Owner. Ensure continuous boiler service during demolition and construction as may be required.

DRAWINGS / RELATED DOCUMENTS

- A. The following drawings prepared by RZ Design Associates, Inc. dated 1/13/2022 are the Contract Documents as well as this RFP and other Documents provided to Bidders by the Town of Somers.

| | |
|-------|--|
| PD-1 | PLUMBING DEMOLITION PLAN |
| P-1 | PLUMBING PLAN |
| M-0 | MECHANICAL LEGENDS, ABBREVIATIONS AND NOTES |
| MD-1 | MECHANICAL DEMOLITION PLAN |
| M-1 | MECHANICAL PLAN |
| M-2 | MECHANICAL DETAILS |
| E-1 | ELECTRICAL PLAN |
| MEP-1 | MECHANICAL, PLUMBING AND ELECTRICAL SPECIFICATIONS |
| MEP-2 | MECHANICAL, PLUMBING AND ELECTRICAL SPECIFICATIONS |
| MEP-3 | MECHANICAL, PLUMBING AND ELECTRICAL SPECIFICATIONS |

DESIGN CRITERIA - GENERAL

- A. The Codes and Standards listed below shall apply to all mechanical and electrical work.

Connecticut State Building Code - Connecticut Supplement 2016 and 2018
Amendments
Connecticut Fire Safety Code 2018
The International Building Code 2015
The International Mechanical Code 2015
NFPA-70 The National Electrical Code 2017
The International Fire Code 2015

NOTE: The codes and standards listed above are subject to change as the State of Connecticut assigns from time to time. Those listed above are applicable on the date of this RFP. The Contractor shall at all times, work in accordance with the most current applicable versions and editions as may be in effect at the time of permit application and procurement.

- B. The Contractor shall clean up the project site daily, recognizing that the School might be open or have nearby activities during construction. No materials, equipment tools or demolition debris shall be left in the open or outside.
- C. The Contractor shall provide their own dumpsters as required, located where acceptable to the Building Department and Fire Marshal's Office.
- D. The Contractor shall take precautions to prevent damage to the existing building, furnishings and site and make reparations whenever damage occurs at no cost to the Owner.

PROJECT SUBMITTALS

Proposals shall demonstrate that the firm has the resources and capabilities necessary to meet all project requirements. Firms will be responsible for budget and construction costs estimates including escalation, architectural/engineering fees, contingency, administrative costs, and grant

reimbursement assistance for each type of system considered in the time frame required. This shall include sub-consultants, estimators and other resources as proposed.

A proposed schedule, including milestones and critical path tasks shall be included in the proposal.

The respondent shall be expected to be present at meetings which may need to be conducted with user groups, either at the Town or Board of Education offices, on site, or elsewhere. Specifics will be identified prior to start of work in conjunction with the Respondent.

TERM OF SERVICE / TIME FOR COMPLETION

The School will be closed for the summer season during the construction period. Coordinate working hours, access, parking and logistics with Somers Public School staff.

Domestic hot water will be required for the custodial and maintenance staff throughout the project. Coordinate work related to domestic hot water to minimize shutdown time and maintain DHW service as much as possible.

Coordinate the proposed work schedule with the Owner's Representatives to determine the most advantageous time to perform all work. Normal working hours are anticipated.

Work on the project will commence immediately upon execution of the Contract. The contractor shall proceed expeditiously with adequate forces and ample supply of materials and equipment to assure completion of the project prior to August 22, 2022.

PROJECT COORDINATION

The Owner has retained the services of an Engineer (Owner's Engineering Consultant) for the purpose of establishing the project RFP and Specifications and to review the proposals and the work of the mechanical contractors. The Contractor's proposals and the performance and quality of work shall remain the responsibility of the Contractor. The Owner's Engineering Consultant is RZ Design Associates, Inc. (RZDA).

The contractor shall agree to the review comments and terms of the Owner's Engineering Consultant in all matters relative to the equipment and material specifications and the Consultant's review of equipment and materials submittals and review of work in progress.

Technical inquiries during bidding shall be directed to the Owner's Representative (Jim MacFeat) and John Pouliot, P.E. at RZDA at 860-436-4336 Ext. 150 or jpouliot@rzdesignassociates.com.

SECTION III - SUBMISSION OF PROPOSAL

MINIMUM REQUIREMENTS

Include in the Proposal a description of the Systems, Manufacturers and Equipment intended to

be provided under the Contract.

Construction permits shall be taken for all trades. Permit fees will be waived by the Town and Connecticut State sales tax shall not apply except the State of Connecticut Educational Fee of \$0.26/\$1,000.

Contractors are required to visit the site prior to submitting a proposal in order to become familiar with the existing facility, its conditions and to gain an understanding of the Project. Pre-Bid walkthrough will be held on site on Tuesday, February 1, 2022 at 3:00 pm. Contractors shall make arrangements with the Owner's representative to schedule their appearances. Contact Jim MacFeat at 860-881-8098 or by email at jim.macfeat@somers.k12.ct.us

The written Proposals shall be received by the Owner by Friday, February 11, 2022 at 11:00 am. Submit Proposals to:

Stephanie Levin
Business Manager
Somers Public Schools
1 Vision Boulevard
Somers, CT 06071

Proposals received after the due date and time will not be accepted, nor will proposals be accepted from bidders who have not attended a Pre-Bid Walkthrough.

All Contractors bidding on this RFP shall be Mechanical Contractors firms regularly engaged in the construction, installation and servicing of Boilers and Heating systems.

Respondent shall be licensed by the State of Connecticut to perform the required work.

Respondent shall have an assigned project manager to oversee this work and act as liaison to the Town. Respondent shall list all proposed staff.

Respondent shall demonstrate sufficient staff resources to perform the work within the required time frame.

SITE INSPECTION

Pre-Bid walkthrough will be held on site on Tuesday, February 1, 2022 at 3:00 pm at the Somers High School, 5 Vision Blvd, Somers, CT 06071.

PROPOSAL INSTRUCTIONS

By submitting a proposal, Respondent represents that they have thoroughly examined and become familiar with the Scope of Services outlined in this RFP and are capable of performing the work to achieve the Town's objectives.

All firms are required to submit a **clearly marked original** and four (4) copies of their proposal to Stephanie M. Levin, Director of Business Services, 1 Vision Blvd Somers, CT 06071 by the date and time listed in the proposal response page. All proposals will be opened publicly and recorded as received. Respondents may be present at the opening; however, there will be no public reading of Proposals. Proposals received later than the time and date specified will not be considered. The proposal must be submitted in a sealed envelope or package and the outside shall be clearly marked with the firm's name and address as well as follows:

**SEALED REQUEST FOR PROPOSAL PROFESSIONAL SERVICES PROCUREMENT
NOTICE BOILER REPLACEMENT AT SOMERS HIGH SCHOOL**

All respondents are required to submit the information detailed below. **Responses shall be organized and presented in the order listed below to assist the Town in reviewing and rating proposals.** Responses should be presented in appropriate detail to thoroughly respond to the requirements and expected services described herein.

Table of Contents to include clear identification of the material provided by section and number.

A letter of transmittal indicating the firm's interest in providing the service and any other information that would assist the Town in making a selection. This letter must be signed by a person legally authorized to bind the firm to a contract.

Name, email address and telephone number of person(s) to be contacted for further information or clarification.

Copy of State of Connecticut license to perform the work required and involved if required.

Name and qualifications of assigned project manager and a list of staff members who would be involved with the project, including their assigned roles and a description of their background and experience.

A background statement including a description of relevant experience of the firm/individual submitting the proposal.

Respondent shall provide a list of 3-5 references and examples of previous similar projects successfully completed within the last five years with the contact name, address and telephone number of the owners' representative in each project.

Schedule. Must be able to accommodate schedule, time is of the essence.

A concluding statement as to why the respondent is best qualified to meet the needs of the Town.

Proposal Response Form (**ATTACHMENT B**). Description of any exceptions taken to this RFP. If any proposal involves any exception from the stated requirements and specifications, they

must be clearly noted as exceptions and attached to the proposal.

Statement of Non-Collusion (**ATTACHMENT C**).

Any technical questions regarding this RFP shall be made in writing and directed to James MacFeat, Building Superintendent, 1 Vision Blvd Somers, CT 06071 or by email at jim.macfeat@somers.k12.ct.us.

For administrative questions concerning this proposal, please contact Stephanie M. Levin, Director of Business Services, 1 Vision Blvd Somers, CT 06071 or by email at stephanie.levin@somers.k12.ct.us

All questions, answers, and/or addenda, as applicable, will be posted on the Board of Education website at: www.somers.k12.ct.us

It is the respondent's responsibility to check the website for addenda prior to submission of any proposal.

Note: Responses to requests for more specific contract information than is contained in the RFP shall be limited to information that is available to all respondents and that is necessary to complete this process. The request must be received at least five (5) business days prior to the advertised response deadline.

Failure to include any of the above-referenced items in the submitted proposal may be grounds for disqualifying said proposal.

EVALUATION CRITERIA

The Town of Somers shall select the responsible and responsive proposal which is determined by the Town to be the best suited, most advantageous, and provides the best value to the Town on the basis of the criteria included in this Request for Proposal. The Town expressly reserves the right to negotiate with the selected Proposer prior to an award of any contract pursuant to this RFP. Best value shall be determined by consideration of some or all of the following factors as deemed appropriate by the Town.

Accuracy, overall quality, thoroughness, and responsiveness to the Town's requirements as summarized herein.

The qualifications and experience of the firm, the designated account representative, and other key personnel to be assigned to the project.

Successful performance of similar work.

Technical Solution/Approach to Project: Types, capabilities, efficiency, applicability, efficient use of space and resources.

Demonstrate ability to meet schedule.

The number, scope, and significance of conditions or exceptions attached or contained in the proposal.

SELECTION PROCESS

This request for proposal does not commit the Town of Somers to award a contract or to pay any costs incurred in the preparation of a proposal to this request. All proposals submitted in response to this request become the property of the Town of Somers. The Town of Somers reserves the right to accept or reject any or all proposals received as a result of this request, to negotiate with the selected respondents, the right to extend the contract for an additional services, or to cancel in part or in its entirety the request for proposal, and to waive any informality if it is in the best interests of the Town to do so.

A Selection Committee, appointed by the Superintendent of Schools, will evaluate all proposals received for completeness and the respondent's ability to meet all requirements as outlined in this RFP. The Committee will then interview the specific firm(s) whose statements best meet all criteria required. Upon completion of interviews, the Selection Committee will forward to the Superintendent of Schools, a recommendation of contract award.

The awarded firm will be asked to submit a specific Scope of Services and associated fee proposal. The Town shall review said proposals and negotiate an agreement based on those discussions.

Additional technical information may be requested from any respondent for clarification purposes, but in no way changes the original qualification statement submitted.

TIMELINE

The Town intends to adhere to the schedule listed below as closely as possible, but reserves the right to modify the schedule in the best interest of the Town as required.

| | |
|---------------------------------|--------------------------|
| Publicize RFP | January 17, 2022 |
| Pre-Proposal Meeting | January 25, 2022 |
| RFP Due Date | February 11, 2022 |
| Interviews with Top Respondents | February 18, 2022 |
| Award of Contract | March 1, 2022 |
| Contract Effective Date | March 11, 2022 |

FORM OF CONTRACT

The Contractor shall enter into an Agreement with the Somers Public Schools using the AIA Document A101 – Standard Form of Agreement Between Owner and Contractor.

Payment requisitions shall be submitted to the Owner periodically using the AIA Form G702 –

Application and Certificate for Payment including Schedule of Values and appropriate Supplemental Continuation Sheets. Payment requests are to be sent to the Engineer for signature and verification of the payment request. Somers Public Schools will review payment paperwork and when appropriate, submit for payment.

Change orders will be implemented and processed according to the provisions in AIA A101 and using AIA Form G701 - Change Order.

INSURANCE REQUIREMENTS

The Respondent shall, at its own expense and cost, obtain and keep in force during the entire duration of the Project or Work the following insurance coverages covering the Respondent and all of its agents, employees and sub-contractors and other providers of services and shall name the **Town of Somers and the Board of Education its employees and agents as an Additional Insured** on a primary and non-contributory basis to the Respondent's Commercial General Liability and Automobile Liability policies. **These requirements shall be clearly stated in the remarks section on the Respondent's Certificate of Insurance.** Insurance shall be written with insurance carriers approved in the State of Connecticut and with a minimum Best's Rating of A-VIII with all policies written on an occurrence form basis. In addition, all carriers are subject to approval by the Town. Minimum Limits and requirements are stated below:

Worker's Compensation Insurance:

Statutory Coverage

Employer's Liability

\$500,000 each accident/\$500,000 disease-policy limit/\$500,000 disease each employee

A Waiver of Subrogation shall be provided in favor of the Town of Somers and its employees and agents.

Commercial General Liability:

Including Premises & Operations, Products and Completed Operations, Personal and Advertising Injury, Contractual Liability and Independent Contractors.

Limits of Liability for Bodily Injury and Building Damage

Each Occurrence \$1,000,000

Aggregate \$2,000,000 (The Aggregate Limit shall apply separately to each job.)

A Waiver of Subrogation shall be provided in favor of the Town of Somers and its employees and agents.

Automobile Insurance:

Including all owned, hired, borrowed and non-owned vehicles

Evidence of Combined Single Limit of Liability for Bodily Injury and Building Damage: Per

Accident \$1,000,000

A Waiver of Subrogation shall be provided in favor of the Town of Somers and its employees and agents.

Errors and Omissions Liability or Professional Services Liability Policy

Provide Errors and Omissions Liability or Professional Services Liability Policy for a minimum Limit of Liability \$1,000,000 each occurrence or per claim. The awarded respondent(s) will be responsible to provide written notice to the Owner 30 days prior to cancellation of any insurance policy.

The respondent agrees to maintain continuous professional liability coverage for the entire duration of this Project, and shall provide for an Extended Reporting Period in which to report claims for seven (7) years following the conclusion of the Project.

The respondent shall provide a Certificate of Insurance as "evidence" of General Liability, Auto Liability including all owned, hired, borrowed and non-owned vehicles, statutory Worker's Compensation and Employer's Liability and Professional Services Liability coverage.

The respondent shall direct its Insurer to provide a Certificate of Insurance to the Town before any work is performed. The awarded Respondent(s) will be responsible to provide written notice to the Owner 60 days prior to cancellation or non-renewal of any insurance policy. The Certificate shall evidence all required coverages including the Additional Insured on the General Liability and Auto Liability policies and Waiver of Subrogation on the General Liability policy. The respondent shall provide the Town copies of any such insurance policies upon request.

INDEMNIFICATION

To the fullest extent permitted by law, the Respondent shall indemnify and hold harmless the Town and its consultants, agents, and employees from and against all claims, damages, losses and expenses, direct, indirect or consequential (including but not limited to fees and charges of engineers, attorneys and other professionals and court and arbitration costs) to the extent arising out of or resulting from the performance of the Respondent's work, provided that such claim, damage, loss or expense is caused in whole or in part by any negligent act or omission by the Respondent, or breach of its obligations herein or by any person or organization directly or indirectly employed or engaged by the Respondent to perform or furnish either of the services, or anyone for whose acts the Respondent may be liable.

ATTACHMENT A

**TOWN OF SOMERS
PROFESSIONAL SERVICES PROCUREMENT NOTICE
REQUEST FOR PROPOSAL
BOILER REPLACEMENT AT SOMERS HIGH SCHOOL**

School Facilities Information Table

| | Somers High School |
|------------------------------------|---------------------------|
| Total Square Footage | 120,000 |
| Existing A/C Square Footage | |
| Areas of Existing A/C | |
| Electrical Services | 1600 Amp |
| Age of Boilers | 1992 |
| Fuel Type | Oil |
| Air Handling Type | AHU's, MAU's, HRU |
| Facility Scheduled Usage | 6:00AM - 3:00PM |
| After School Usage | Varies |

ATTACHMENT B

**TOWN OF SOMERS
PROFESSIONAL SERVICES PROCUREMENT NOTICE
REQUEST FOR PROPOSAL
BOILER REPLACEMENT AT SOMERS HIGH SCHOOL**

PROPOSAL RESPONSE PAGE

It is the responsibility of the respondent to check the Town's website for any Addenda before submitting the proposal.

The bidder, in compliance with the Contract Documents for the above mentioned Project, having examined the posted Request for Proposal, Instructions to Bidders, other Town of Somers furnished documents and the Design Criteria, dated January 13, 2022 and the Drawings provided (hereafter the "Contract Documents"), and having visited the site and discussed the project with the Owner and the Owner's representatives, and having received all Addenda, and being familiar with all of the project conditions relating to constructions, availability of materials, equipment and labor, hereby proposes to furnish and install all supervision, engineering, design, technical personnel, labor, materials, equipment, appliances, machinery, tools appurtenances, supplies and services, including transportation services as required to construct and complete work in accordance with the Contract Documents within the time as agreed for the **Contract Sum** stated below.

The proposed Contract Sum to replace the Heating Boilers, Water Heaters, Pumps and Controls in accordance with the Contract Documents shall be:

Dollars \$

The undersigned agrees that if he/she is selected as Contractor for the project he/she will execute a contract agreement after presentation of same by Owner, within three calendar days of receipt. Further, the undersigned agrees to commence work on the project immediately upon execution of the Contract. The contractor shall proceed expeditiously with adequate forces and ample supply of materials and equipment to assure completion of the project prior to August 22, 2022.

The undersigned hereby certifies that he/she has read and examined the RFP, the specifications contained within, and related documents, visited the project site and is prepared to enter into a Contract Agreement with the Owner for the Contract Sum(s) stated above.

In addition to the above, please provide, on a separate sheet under letterhead, a brief description of the proposed schedule, project management and coordination procedures and any other supporting information relative to means and methods to be employed on this project.

Type or Print Name of Individual

Doing Business as (Trade Name)

Signature of Individual

Street Address

Title

City, State, Zip Code

Date

Telephone Number / Fax Number

E-Mail Address

SS # or TIN#

(Seal – If proposal is by a Corporation) Attest

ATTACHMENT C

**TOWN OF SOMERS
PROFESSIONAL SERVICES PROCUREMENT NOTICE
REQUEST FOR PROPOSAL
BOILER REPLACEMENT AT SOMERS HIGH SCHOOL**

NON-COLLUSION STATEMENT

The company submitting this proposal certifies that it is being submitted without any collusion, communication or agreement as to any matter relating to it with any other respondent or competitor. We understand that this proposal must be signed by an authorized agent of our company to constitute a valid proposal.

Date: _____

Name of Company: _____

Name and Title of Agent: _____

By (SIGNATURE): _____

Address: _____

ATTACHMENT D

**TOWN OF SOMERS
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BOILER REPLACEMENT AT SOMERS HIGH SCHOOL**

DRAWINGS AND RELATED DOCUMENTS - RZ DESIGN

Following Pages 19 - 28



PROJECT NUMBER: 06-002
 PROJECT NAME: Somers High School
 PROJECT ADDRESS: 5 Vision Blvd
 PROJECT CITY: Somers, CT
 PROJECT STATE: 06071

DATE: 06/11/10
 DRAWING NO: MD-1
 SHEET NO: 1 OF 1

MECHANICAL DEMOLITION PLAN

MD-1

PROJECT NUMBER: 06-002

PROJECT NAME: Somers High School

PROJECT ADDRESS: 5 Vision Blvd

PROJECT CITY: Somers, CT

PROJECT STATE: 06071

DATE: 06/11/10

DRAWING NO: MD-1

SHEET NO: 1 OF 1

MECHANICAL DEMOLITION PLAN

MD-1

PROJECT NUMBER: 06-002

PROJECT NAME: Somers High School

PROJECT ADDRESS: 5 Vision Blvd

PROJECT CITY: Somers, CT

PROJECT STATE: 06071

DATE: 06/11/10

DRAWING NO: MD-1

SHEET NO: 1 OF 1

MECHANICAL DEMOLITION PLAN

MD-1

PROJECT NUMBER: 06-002

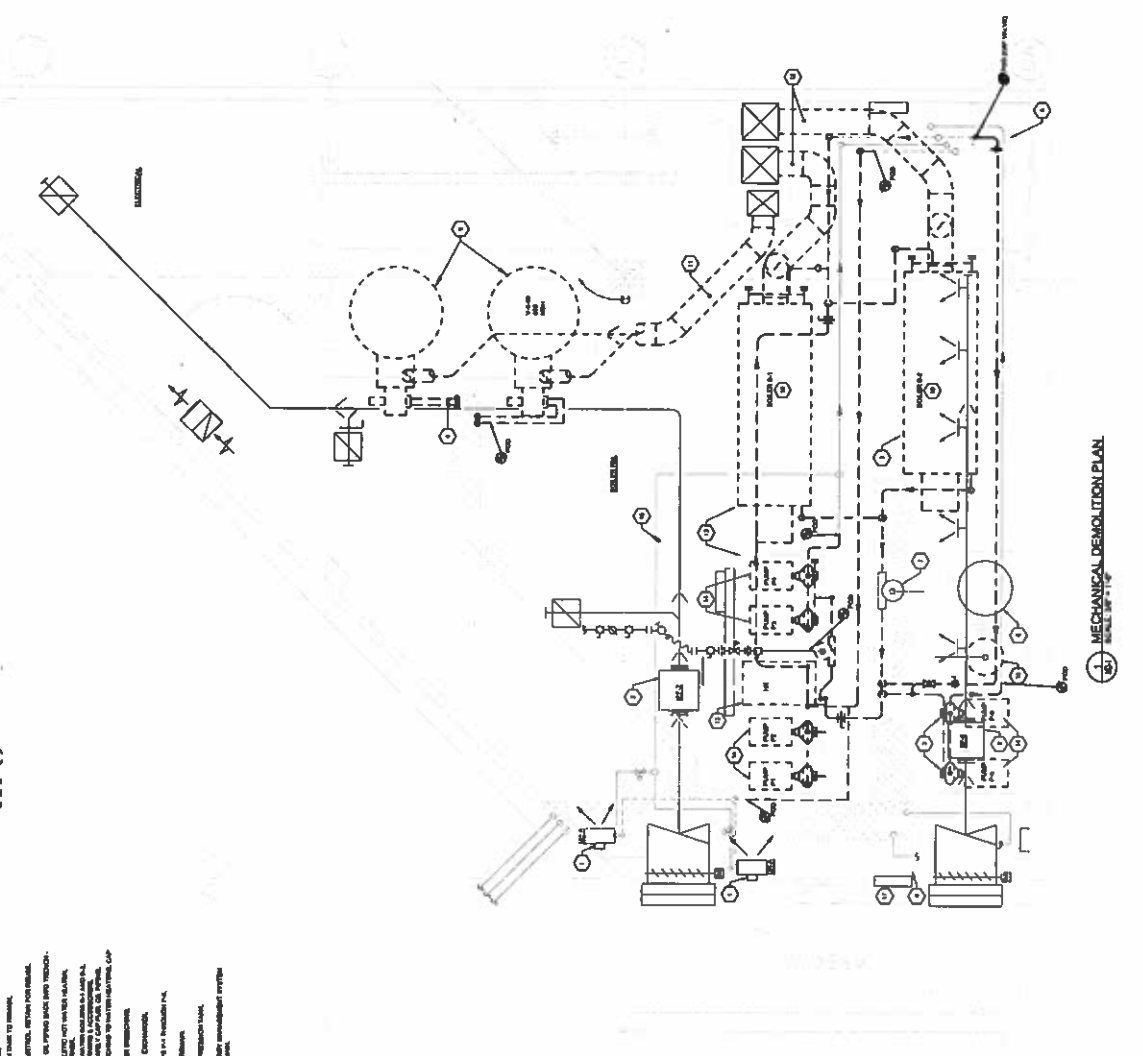
PROJECT NAME: Somers High School

PROJECT ADDRESS: 5 Vision Blvd

PROJECT CITY: Somers, CT

PROJECT STATE: 06071

- 1. DEMOLITION OF EXISTING MECHANICAL SYSTEMS TO BE REPLACED BY NEW SYSTEMS.
- 2. DEMOLITION OF EXISTING MECHANICAL SYSTEMS TO BE REPLACED BY NEW SYSTEMS.
- 3. DEMOLITION OF EXISTING MECHANICAL SYSTEMS TO BE REPLACED BY NEW SYSTEMS.
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- 18. DEMOLITION OF EXISTING MECHANICAL SYSTEMS TO BE REPLACED BY NEW SYSTEMS.
- 19. DEMOLITION OF EXISTING MECHANICAL SYSTEMS TO BE REPLACED BY NEW SYSTEMS.
- 20. DEMOLITION OF EXISTING MECHANICAL SYSTEMS TO BE REPLACED BY NEW SYSTEMS.





CRZ
 CRZ Engineering, Inc.
 100 Main Street
 Somers, CT 06071
 Tel: 860-261-1111
 Fax: 860-261-1112
 www.crzeng.com

PROJECT NAME: Somers High School
 PROJECT NUMBER: 06071-01
 PROJECT DATE: 06/11/11
 DRAWING DATE: 06/11/11
 DRAWING NUMBER: 06071-01-M-1
 SHEET TITLE: MECHANICAL PLAN

MECHANICAL PLAN - BOILER ROOM
 SCALE: 3/8" = 1'-0"

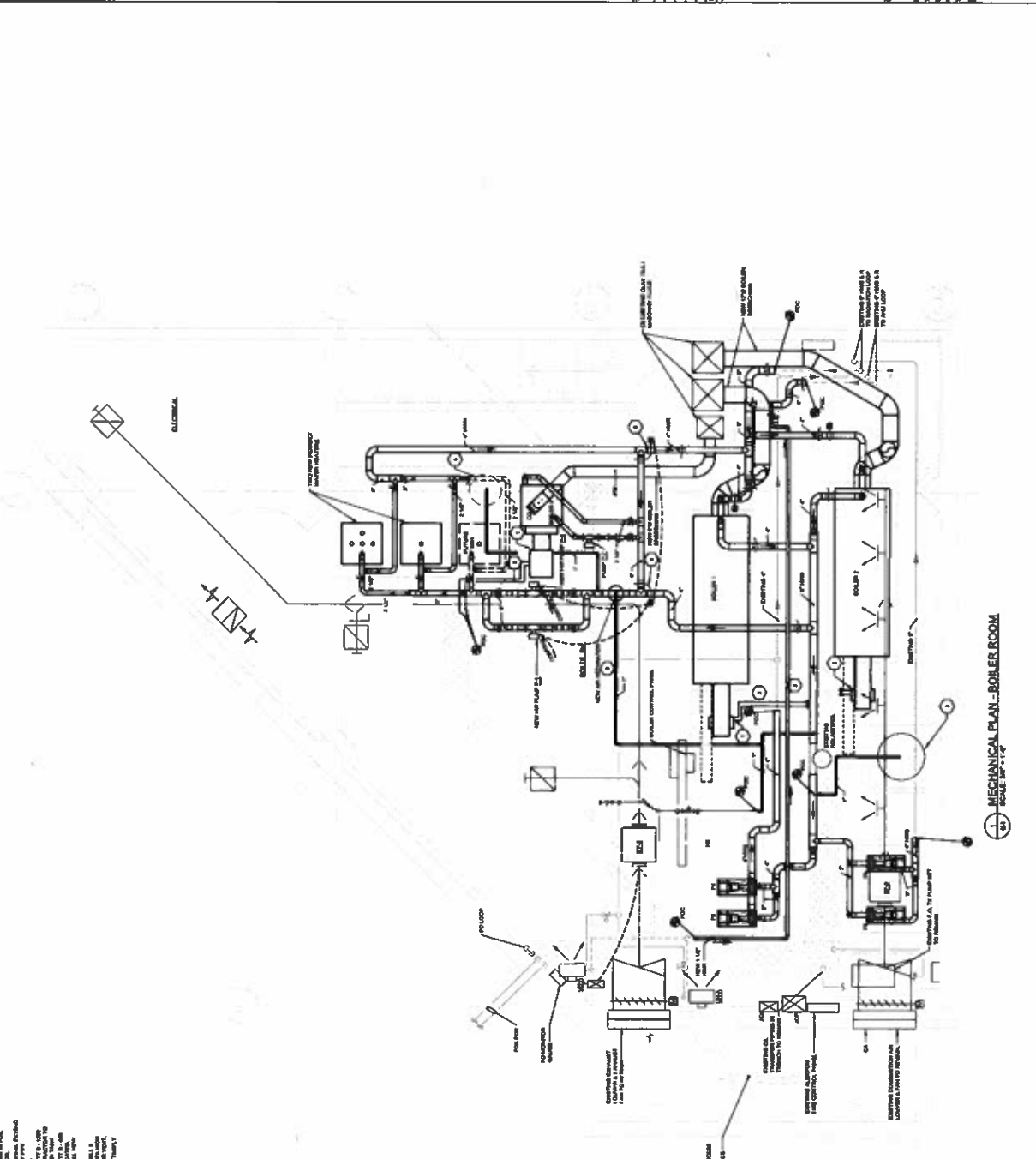
M-1

| NO. | DESCRIPTION |
|-----|-------------------------------|
| 1 | MECHANICAL PLAN - BOILER ROOM |

PROJECT NAME: Somers High School
 PROJECT NUMBER: 06071-01
 PROJECT DATE: 06/11/11
 DRAWING DATE: 06/11/11
 DRAWING NUMBER: 06071-01-M-1
 SHEET TITLE: MECHANICAL PLAN

MECHANICAL PLAN - BOILER ROOM
 SCALE: 3/8" = 1'-0"

M-1



- TAGGED NOTES:**
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL MECHANICAL CODE (IMC) AND THE 2011 INTERNATIONAL BOILER AND PRESSURE VESSEL CODE (IBPV).
 2. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL ELECTRICAL CODE (IEC).
 3. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL PLUMBING AND MECHANICAL CODE (IPMC).
 4. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL MECHANICAL CODE (IMC).
 5. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL BOILER AND PRESSURE VESSEL CODE (IBPV).
 6. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL ELECTRICAL CODE (IEC).
 7. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL PLUMBING AND MECHANICAL CODE (IPMC).
 8. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL MECHANICAL CODE (IMC).
 9. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL BOILER AND PRESSURE VESSEL CODE (IBPV).
 10. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL ELECTRICAL CODE (IEC).
 11. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL PLUMBING AND MECHANICAL CODE (IPMC).
 12. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL MECHANICAL CODE (IMC).
 13. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL BOILER AND PRESSURE VESSEL CODE (IBPV).
 14. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL ELECTRICAL CODE (IEC).
 15. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL PLUMBING AND MECHANICAL CODE (IPMC).
 16. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL MECHANICAL CODE (IMC).
 17. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL BOILER AND PRESSURE VESSEL CODE (IBPV).
 18. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL ELECTRICAL CODE (IEC).
 19. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL PLUMBING AND MECHANICAL CODE (IPMC).
 20. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2011 INTERNATIONAL MECHANICAL CODE (IMC).

MECHANICAL PLAN - BOILER ROOM
 SCALE: 3/8" = 1'-0"

M-1



PROJECT NO. 100-100-100-100
 SHEET NO. M-2
 DATE: 10/10/00

PROJECT: BOILER REPLACEMENT PROJECT
 LOCATION: Somers High School
 ADDRESS: 5 Vision Blvd, Somers, CT 06071

MECHANICAL DETAILS

M-2

PUMP SCHEDULE

| PUMP NUMBER | TYPE | MODEL | HP | WATER (GPM) | WATER (GPD) | WATER (MGD) | WATER (MGD) | WATER (MGD) |
|-------------|----------------|----------|-----|-------------|-------------|-------------|-------------|-------------|
| P-1 | WELL & EXHAUST | LODONG-1 | 150 | 20 | 200 | 4800 | 2 | WETS |
| P-2 | WELL & EXHAUST | LODONG-1 | 150 | 20 | 200 | 4800 | 2 | WETS |
| P-3 | WELL & EXHAUST | LODONG-1 | 150 | 20 | 200 | 4800 | 2 | WETS |
| P-4 | WELL & EXHAUST | LODONG-1 | 150 | 20 | 200 | 4800 | 2 | WETS |
| P-5 | WELL & EXHAUST | LODONG-1 | 150 | 20 | 200 | 4800 | 2 | WETS |
| P-6 | WELL & EXHAUST | LODONG-1 | 150 | 20 | 200 | 4800 | 2 | WETS |
| P-7 | WELL & EXHAUST | LODONG-1 | 150 | 20 | 200 | 4800 | 2 | WETS |

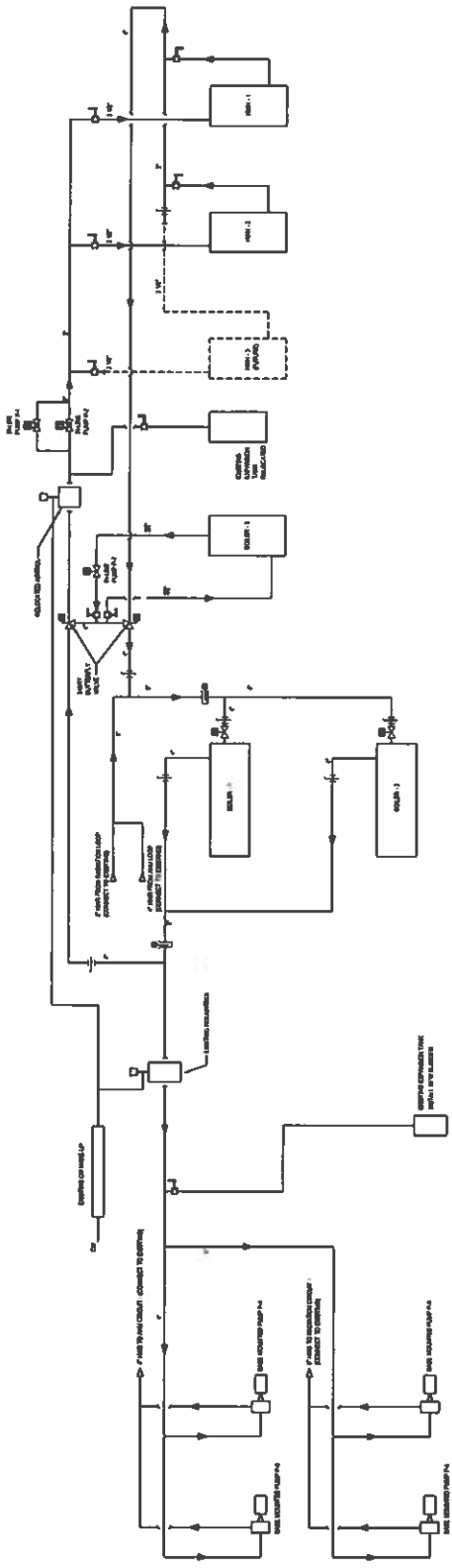
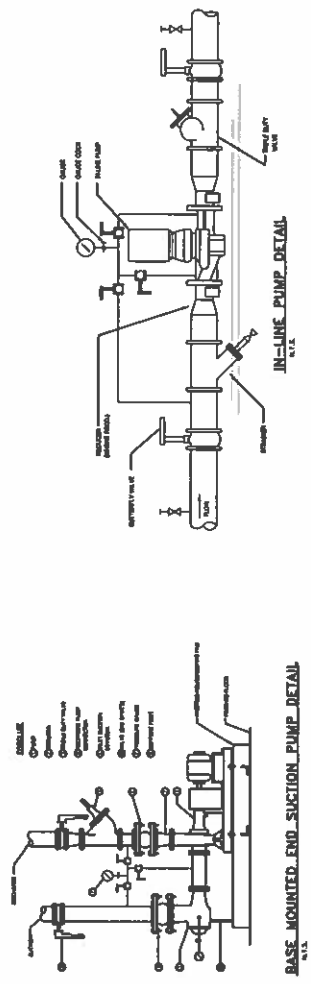
NOTE: WETS - WET WELL IN PARALLEL.
 1. EXHAUST - EXHAUST PUMP IN PARALLEL.

HOT WATER SCHEDULE

| WELL NUMBER | WELL TYPE | WELL DEPTH | WELL CAPACITY | WELL YIELD | WELL STATUS |
|-------------|-----------|------------|---------------|------------|-------------|
| HW-1 | WELL | 100' | 100' | 100' | WETS |
| HW-2 | WELL | 100' | 100' | 100' | WETS |
| HW-3 | WELL | 100' | 100' | 100' | WETS |

BOILER SCHEDULE

| BOILER NUMBER | MODEL | WATER CAPACITY | WATER YIELD | WATER STATUS |
|---------------|-------|----------------|-------------|--------------|
| B-1 | WELL | 100' | 100' | WETS |
| B-2 | WELL | 100' | 100' | WETS |
| B-3 | WELL | 100' | 100' | WETS |



HOT WATER SUPPLY & RETURN PIPING SCHEMATIC
 U.S.A.



DATE: 08/15/02
PROJECT NO: 02-001
DRAWN BY: J. J. RIZZO
CHECKED BY: J. J. RIZZO
SCALE: AS SHOWN

PROJECT NAME: Somers High School
PROJECT ADDRESS: 5 Vision Blvd
PROJECT CITY: Somers, CT
PROJECT STATE: 06071

PROJECT NUMBER: 02-001
DATE: 08/15/02
DRAWN BY: J. J. RIZZO
CHECKED BY: J. J. RIZZO
SCALE: AS SHOWN

PROJECT NAME: Somers High School
PROJECT ADDRESS: 5 Vision Blvd
PROJECT CITY: Somers, CT
PROJECT STATE: 06071

PROJECT NUMBER: 02-001
DATE: 08/15/02
DRAWN BY: J. J. RIZZO
CHECKED BY: J. J. RIZZO
SCALE: AS SHOWN

PROJECT NAME: Somers High School
PROJECT ADDRESS: 5 Vision Blvd
PROJECT CITY: Somers, CT
PROJECT STATE: 06071

PROJECT NUMBER: 02-001
DATE: 08/15/02
DRAWN BY: J. J. RIZZO
CHECKED BY: J. J. RIZZO
SCALE: AS SHOWN

PROJECT NAME: Somers High School
PROJECT ADDRESS: 5 Vision Blvd
PROJECT CITY: Somers, CT
PROJECT STATE: 06071

PROJECT NUMBER: 02-001
DATE: 08/15/02
DRAWN BY: J. J. RIZZO
CHECKED BY: J. J. RIZZO
SCALE: AS SHOWN

PROJECT NAME: Somers High School
PROJECT ADDRESS: 5 Vision Blvd
PROJECT CITY: Somers, CT
PROJECT STATE: 06071

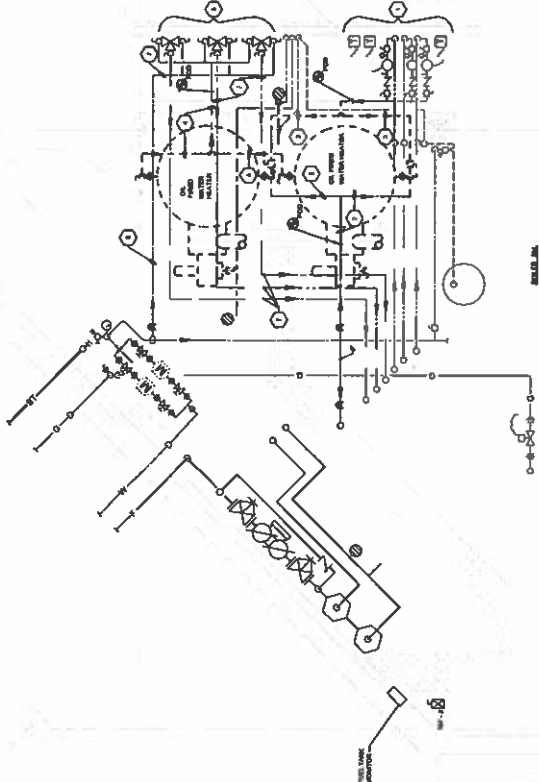
PROJECT NUMBER: 02-001
DATE: 08/15/02
DRAWN BY: J. J. RIZZO
CHECKED BY: J. J. RIZZO
SCALE: AS SHOWN

PROJECT NAME: Somers High School
PROJECT ADDRESS: 5 Vision Blvd
PROJECT CITY: Somers, CT
PROJECT STATE: 06071

PROJECT NUMBER: 02-001
DATE: 08/15/02
DRAWN BY: J. J. RIZZO
CHECKED BY: J. J. RIZZO
SCALE: AS SHOWN

PROJECT NAME: Somers High School
PROJECT ADDRESS: 5 Vision Blvd
PROJECT CITY: Somers, CT
PROJECT STATE: 06071

- 1. DEMOLITION OF EXISTING BOILER ROOM
- 2. DEMOLITION OF EXISTING BOILER ROOM
- 3. DEMOLITION OF EXISTING BOILER ROOM
- 4. DEMOLITION OF EXISTING BOILER ROOM
- 5. DEMOLITION OF EXISTING BOILER ROOM
- 6. DEMOLITION OF EXISTING BOILER ROOM



1 PLUMBING DEMOLITION PLAN
SCALE: 3/8" = 1'-0"

PD-1



DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 PROJECT NO: _____

PROJECT: _____
 SHEET NO: _____

SCALE: _____
 DATE: _____

PROJECT: _____
 SHEET NO: _____

PROJECT: _____
 SHEET NO: _____

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 SHEET NO: _____

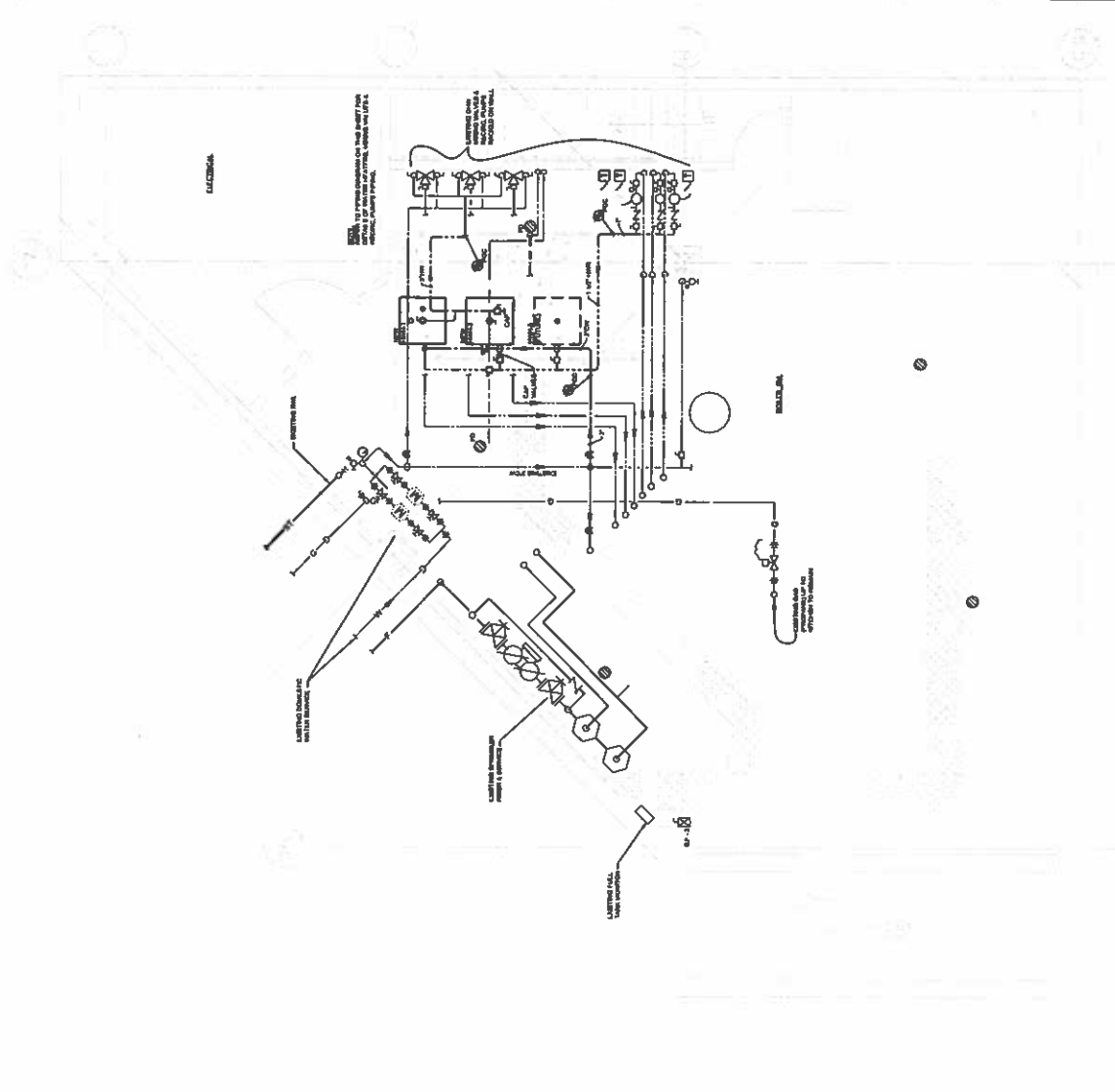
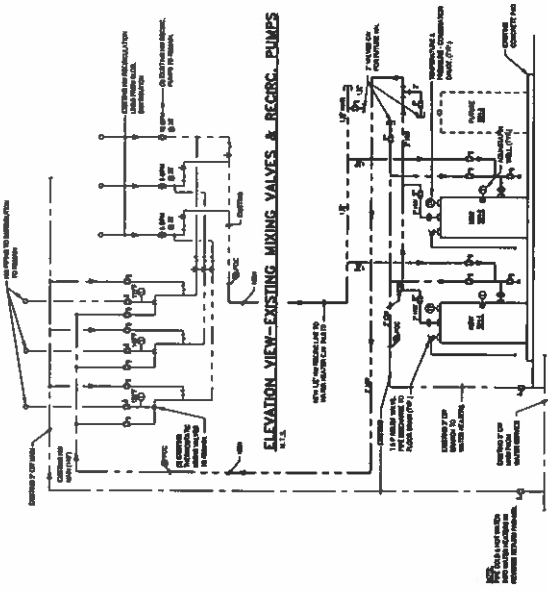
BOILER REPLACEMENT PROJECT
 Somers High School
 5 Vision Blvd
 Somers, CT 06071

DATE: _____
 PROJECT NO: _____
 DRAWN BY: _____
 CHECKED BY: _____
 SCALE: _____
 DATE: _____

PLUMBING PLAN

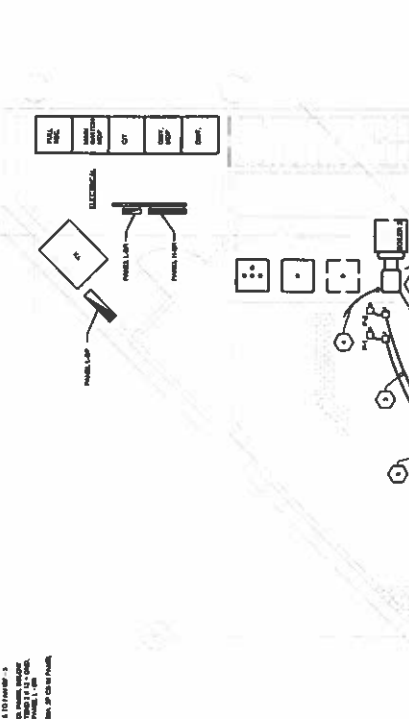
P-1

PLUMBING PLAN
 SCALE: 3/4" = 1'-0"

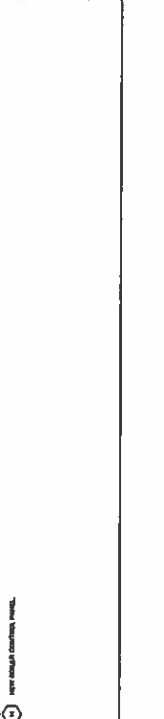
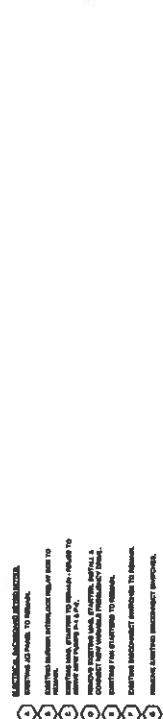
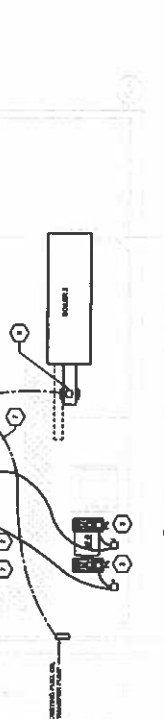
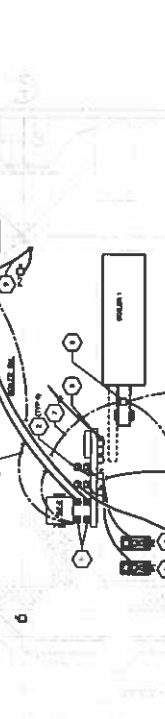




- 1. EQUIPMENT TO BE REPLACED
- 2. EQUIPMENT TO BE INSTALLED
- 3. EQUIPMENT TO BE MAINTAINED
- 4. EQUIPMENT TO BE REMOVED
- 5. EQUIPMENT TO BE RELOCATED
- 6. EQUIPMENT TO BE REWired
- 7. EQUIPMENT TO BE REPAIR
- 8. EQUIPMENT TO BE TEST
- 9. EQUIPMENT TO BE CLEAN
- 10. EQUIPMENT TO BE OIL
- 11. EQUIPMENT TO BE PAINT
- 12. EQUIPMENT TO BE POLISH
- 13. EQUIPMENT TO BE SHINE
- 14. EQUIPMENT TO BE WAX
- 15. EQUIPMENT TO BE WASH
- 16. EQUIPMENT TO BE WAX
- 17. EQUIPMENT TO BE WAX
- 18. EQUIPMENT TO BE WAX
- 19. EQUIPMENT TO BE WAX
- 20. EQUIPMENT TO BE WAX



- 1. EQUIPMENT TO BE REPLACED
- 2. EQUIPMENT TO BE INSTALLED
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- 18. EQUIPMENT TO BE WAX
- 19. EQUIPMENT TO BE WAX
- 20. EQUIPMENT TO BE WAX



REPLACEMENT ELECTRICAL POWER PLAN - FRONT LEVEL

REPLACEMENT ELECTRICAL POWER PLAN - REAR LEVEL

BOILER REPLACEMENT PROJECT

Somers High School
5 Vision Blvd
Somers, CT 06071

ELECTRICAL PLAN

E-1

