

**AGREEMENT
BETWEEN THE CITY OF SHEBOYGAN, WISCONSIN AND
KONZ ELECTRIC, LLC
FOR THE PROVISION AND INSTALLATION OF A NEW FIRE ALARM SYSTEM FOR
THE MEAD PUBLIC LIBRARY**

This Agreement ("Agreement") is made and entered into effective this ____ day of _____, 2022 (the "Effective Date"), by and between the City of Sheboygan (the "City"), a municipal corporation, and Konz Electric, LLC ("Contractor").

WITNESSETH:

WHEREAS, the City is the owner of Mead Public Library; and

WHEREAS, the library fire alarm system is original to the building and is no longer able to be supported; and

WHEREAS, the City wishes to replace the current system with one having the latest technology and in full compliance with the Specifications, which are on file and available through the City Clerk's Office, and

WHEREAS, the City issued Request for Bids # 2016-22 to obtain bids from qualified providers of the services and equipment ("Services"); and

WHEREAS, the City has opened the bids, and determined that the bid from Contractor ("Bid") is the lowest responsive and responsible bid for the Services; and

WHEREAS, the City believes it would be prudent to add smoke detection technology as was requested in Addendum # 1 to the Request for Bids, incorporated herein as Exhibit 1, for the provision of smoke detection equipment and installation of same in response to which the Contractor has proposed to provide and integrate into the new fire alarm system at additional cost as identified in Alternate # 1 of the Request for Bids submittal; and

WHEREAS, Contractor desires to provide the City with the necessary Services under the terms set forth in this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants herein contained, the parties hereto agree as follows:

Article 1. Scope of Services

Contractor shall perform all work associated with the work as specified in Exhibit 1 and the Specifications on file with the City Clerk related to the provision and installation of a new fire alarm system and smoke detection equipment (the "Services").

Contractor shall provide all labor, machinery, equipment, licenses, permits¹, bonds, and travel expenses to safely and skillfully complete the project and shall dispose of all materials from the removal of the current system in a lawful manner (the “Disposal”).

Further, the City has placed on order and will present to the Contractor the following system components which were pre-ordered in an effort to shorten the overall lead time. The cost for these components is the responsibility of the City and was not included in the Contractor’s proposed costs.

Quantity	MFG Part #	Unit Cost	Total Cost
1	Notifier CPU2-640 Fire Alarm Control Panel	\$1,802.25	\$1,802.25
1	Notifier KDM-R2 CPU2 640 Primary Display	\$ 1,140.75	\$1,140.75
1	Notifier DP-DISP2 CPU Dress Plate / Top Row	\$ 93.15	\$93.15
2	Notifier BMP-1 Blanks Need 2 for each CPU 640	\$38.81	\$77.61
1	Notifier SBB-A4 Cabinet	\$194.40	\$ 194.40
1	Notifier DR-A4 Door	\$302.40	\$302.40
1	Notifier BP2-4 Battery Plate	\$81.00	\$81.00
1	Notifier LEM-320 Loop Expander Module	\$1309.50	\$1,309.50
1	Notifier UDACT-2 Communicator	\$718.88	\$718.88
1	Notifier HWF2V-COM IP / Cell Communicator	\$ 442.13	\$ 442.13
1	Notifier NFC-50/100 Voice Evacuation Panel	\$2,929.50	\$2,929.50
1	Notifier NFC-CE6 4-Speaker Circuit Exp Module	\$529.88	\$529.88
1	Notifier NFC-BDA-25V 50 Watt Amplifier for NFC-50/100	\$489.38	\$489.38
4	Notifier PSE-10 Power Supply 10 amp	\$577.13	\$2,308.50
1	Notifier NFC-RM Remote Microphone	\$661.50	\$661.50
	TOTAL		\$13,080.81

Other: Contractor shall be responsible for obtaining any and all applicable City permits and paying any and all applicable permit fees prior to beginning work.

Contractor shall be responsible for furnishing, erecting, and maintaining suitable barricades, warning signs, flashers, fencing, and other protective equipment to properly protect and safeguard its personnel and the public during all phases of the Services.

Contractor will need to plan the work in advance of mobilization and coordinate with the City’s Representative. The Library will remain open to the public during the project.

Article 2. Standard of Care

Contractor shall be responsible for completion of the Services in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances (“Standard of Care”). The City’s Representative shall be the sole judge of the adequacy of Contractor’s work in meeting the Standard of Care; however, the City’s Representative shall not unreasonably withhold its approval as to the adequacy of Contractor’s performance. Upon notice to Contractor, Contractor will, without additional compensation, correct or replace any and all

¹ Contractor shall be responsible for obtaining any and all applicable City permits and paying any and all applicable permit fees prior to beginning work.

Services not meeting the Standard of Care which appear within a period of one year from the date of final payment of the Contract.

Contractor shall be solely responsible for all construction means, methods, techniques, sequences, and procedures, and for coordinating all portions of the Work under this Agreement.

Article 3. City's Representative

The City designates Michael Willmas as the City's Representative for purposes of this Agreement. If the City's Representative deems it appropriate, the City's Representative may consult with other employees of the City, or may retain an appropriate outside expert to assist with the management of this Project.

Article 4. Compensation

The City shall pay Contractor for the Services an amount not to exceed \$252,180.00 ("Contract Amount") as set forth in the Contractor Proposal attached and incorporated as Exhibit 2.

Invoices shall be sent via first class mail postage prepaid or via email. Payment will be remitted to Contractor within sixty (60) days of receipt of invoice. Contractor shall submit an invoice to the City on a monthly basis and shall be based on the percentage of each quadrant completed. The invoice shall be sent to:

Bernard Rammer
City of Sheboygan
828 Center Ave.
Sheboygan, Wisconsin 53081

Additional services not set forth in Article 1, or changes in the Services must be authorized in writing by the City or its Representative prior to such work being performed, or expenses incurred. The City shall not make payment for any unauthorized work or expenses.

The City shall retain 10% of each invoice until Final Acceptance. Additionally, the City may withhold payment, in whole or in part, to the extent necessary to protect itself from a loss on account of any of the following:

- Defective work.
- Evidence indicating the probable filing of claims by other parties against Contractor which may adversely affect the City.
- Failure of Contractor to make payments due to subcontractors, material suppliers, or employees.
- The probable filing of claims by other parties against Contractor which may adversely affect the City.
- Failure of Contractor to make payments due to subcontractors, material suppliers, or employees.
- Damage to the City or a third party.

The submission of any request for payment shall be deemed a waiver and release by Contractor of all liens and claims with respect to the work and period to which such payment request pertains except as specifically reserved and noted on such request.

Partial payment made under this Agreement is not evidence of the proper performance by Contractor either in whole or in part, and no payment made by the City shall be construed to be an acceptance of defective or improper work.

Article 5. Appropriation of Funds

Notwithstanding any other provision of this Agreement, if funds for the continued fulfillment of this Agreement by the City are at any time not forthcoming or are insufficient, through failure of any entity, including the City itself, to appropriate funds or otherwise, then the City shall have the right to terminate this Agreement without penalty. The City agrees that it will make its best effort to obtain sufficient funds for the Agreement to meet its obligations hereunder in full.

Article 6. Performance and Payment Bond

Contractor shall, within ten days of the execution of this Agreement by the City of Sheboygan, provide the City with a Performance Bond and a Payment Bond in the amount of one hundred percent (100%) of the contract amount.

Failure by Contractor to perform the work in a timely or satisfactory fashion may result in forfeiture of Contractor's Performance Bond.

If the Surety on any bond furnished by Contractor becomes a party to supervision or liquidation, or its right to do business in the State of Wisconsin is terminated, Contractor shall, within thirty (30) calendar days thereafter, substitute another bond or surety, both of which must be acceptable to the City.

Article 7. Schedule

Contractor shall commence work after receiving a Notice to Proceed from the City. All work shall be coordinated with the City's Representative. No work may occur on weekends, holidays without prior approval from the City's Representative.

Contractor shall complete the services on or before December 31, 2022, or within such extra time as may have been allowed by a mutually agreed extension (the "Deadline"). The City's Representative shall have the authority to consent to an extension of the Deadline on behalf of the City.

The Parties agree that no charges or claims for damages shall be made by Contractor for any delays or hindrances, from any cause whatsoever, during the progress of any portion of the services specified in the Agreement. Such delays or hindrances, if any, may be compensated for by an extension of time for a reasonable period as may be mutually agreed upon between the Parties, it being understood, however, that permitting Contractor to proceed to complete any service, or any part of the services / project, after the date to which the time of completion may have been extended shall in no way operate as a waiver on the part of the City of any of its rights herein.

Article 8. Liquidated Damages

In the event that Contractor does not complete the Services by the Deadline, there shall be deducted from any monies due or that may become due to Contractor, for each and every calendar day that the work remains uncompleted, a sum of One Hundred and 00/100 Dollars (\$100.00) per calendar day.

This sum shall be considered and treated not as a penalty but as fixed, agreed, and liquidated damages due the City from Contractor by reason of inconvenience to the public, added cost of supervision, and other items which have caused an expenditure of public funds resulting from his failure to complete the work.

Permitting Contractor to continue and finish the work or any part of same after the time fixed for its completion, or after the date to which the time for completion may have been extended, shall in no way be construed as a waiver on the part of the City of any of its rights under the Agreement.

Article 9. Workmanship and Quality of Materials

All material used shall be new, newest model year, and free from defects. Items which are used, demonstrators, obsolete, seconds, or which have been discontinued are unacceptable without prior written approval of the City's Representative.

Whenever, in any document, an article, material, or equipment is defined by describing a proprietary product, or by using the name of a manufacturer or vendor, the term "or equal" or the term "the equivalent" if not inserted, shall be implied, and it is done for the express purpose of establishing a basis of durability and efficiency and not for the purpose of limiting competition. Whenever material or equipment is submitted for approval as being equal to that specified, the submittal shall include sufficient information and data to demonstrate that the material or equipment conforms to all contractual requirements. The decision as to whether or not such material or equipment is equal to that specified shall be made by the City's Representative. The approval by the City's Representative of alternate material or equipment as being equivalent to that specified shall not in any way relieve Contractor of responsibility for failure of the material or equipment due to faulty design, material, or workmanship, to perform the function required by the contract documents. The City's Representative shall be the sole and final judge of equivalency.

Article 10. Safety Requirements

All materials, equipment, and supplies provided to the City must comply fully with all safety requirements set forth under state and federal law.

Contractor shall be responsible for the safety of its employees at all times and shall provide all equipment necessary to insure their safety. Contractor shall ensure the enforcement of all applicable safety rules, regulations, ordinances and laws, whether federal, state, or local.

Contractor shall provide the necessary safeguards including, but not limited to, warning signs and barricades, to avoid all necessary hazards and protect the public, the work, and the property at all times, including on days when no work is being done. The City shall not be responsible for any loss or damage to the project materials prior to their installation or to Contractor's tools and equipment from any cause whatsoever.

Article 11. Open Records

Both parties understand that the City is bound by the Wisconsin Public Records Law and, as such, this contract is subject to that law. Contractor acknowledges that it is obligated to assist the City in retaining and producing records that are subject to Wisconsin Public Records Law, and that the failure to do so shall constitute a material breach of the contract, and that Contractor must defend and hold the City harmless from liability under that law. Except as otherwise authorized, those records shall be maintained for a period of seven (7) years after receipt of Final Payment under the Agreement.

Article 12. Termination

The City may terminate or suspend performance of this Agreement at the City's prerogative at any time upon written notice to Contractor. The City's Representative shall have the authority to provide this written notice. Contractor shall terminate or suspend performance of the Services on a schedule acceptable to the City and the City shall pay Contractor for all the Services performed up to the date that written notice is received, plus reasonable termination or suspension expenses. Upon restart, an equitable adjustment shall be made to Contractor's compensation and the schedule of services.

If Contractor defaults or fails to fulfill in a timely and proper manner its obligations pursuant to this Agreement, the City may, seven (7) days after written notice has been delivered to Contractor, and without prejudice to any other remedy it may have, make good such deficiencies and may deduct the cost thereof from the payment then or thereafter due to Contractor. In the alternative the City may, at its option, terminate this Agreement and take possession of the site and of all materials, equipment, tools, and construction equipment and machinery thereon owned by Contractor, and may finish the project by whatever method it may deem expedient. In case the expenses incurred by the City (including payments previously made to Contractor) shall be less than the sum which would have been payable under the Agreement if it had been completed by Contractor, Contractor shall be entitled to receive the difference. However, in case such expense shall exceed the sum which would have been payable under the Agreement, Contractor will be liable and shall pay to the City the amount of said excess. By taking over prosecution of the work, the City does not forfeit the right to recover damages from Contractor or its surety for failure to complete the work in the time specified.

Article 13. Default

If Contractor breaches this Agreement or fails to perform the work in an acceptable manner, it shall be considered in default. Any one or more of the following will be considered a default:

- Failure to begin the work under this Agreement within the time specified.
- Failure to perform the work with sufficient supervision, workers, equipment and materials to ensure prompt completion of said work within the time limits allowed.
- Unsuitable performance of the work as determined by City.
- Neglecting or refusing to remove defective materials or failure to perform anew such work as shall have been rejected.
- Discontinuing the prosecution of the work or any part of it.
- Inability to finance the work adequately.
- If, for any other reason, Contractor breaches this Agreement or fails to carry on the work in an acceptable manner.

The City shall send Contractor a written notice of default. If Contractor, within a period of seven (7) days after such notice, fails to remedy the default, then the City shall have full power and authority, without violation of the Agreement, to take the prosecution of the work out of the hands of Contractor, as set forth in this Agreement.

Article 14. Identity of Contractor

Contractor acknowledges that one of the primary reasons for its selection by the City to perform the Services is the qualifications and experience of Contractor. Contractor thus agrees that the Services to be performed pursuant to this Agreement shall be performed by Contractor. Contractor shall not subcontract any part of the Services without the prior written permission of the City. The City's Representative shall have the ability to provide this written permission. The City reserves the right to reject any of the Contractor's personnel or proposed outside professional sub-consultants, and the City reserves the right to request that acceptable replacement personnel be assigned to the project.

Article 15. Independent Contractor Status

During the entire term of this Agreement, Contractor shall be an independent contractor, and in no event shall any of its personnel, agents or sub-contractors be construed to be, or represent themselves to be, employees of the City. Contractor shall be solely responsible for the payment and reporting of all employee and employer taxes, including social security, unemployment, and any other federal, state, or local taxes required to be withheld from employees or payable on behalf of its employees.

Article 16. Indemnification

Contractor is responsible to the City for the acts and omissions of its employees, subcontractors, and any other persons performing any of the work under a contract with Contractor.

As such, to the extent permitted by law, Contractor shall defend and hold the City—including its Officials, Agents, and Employees—harmless from all liability, including, but not limited to, losses, damages, costs, attorney's fees, expenses, causes of action, claims, or judgments resulting from claimed injury, death, damage to property, or loss of use of property or any person or legal entity arising out of or in any way connected with the performance of work or work to be performed under this Agreement.

Contractor shall reimburse the City for any costs, expenses, judgments, and attorney's fees paid or incurred, by or on behalf of the City, its Officials, Agents, or Employees, or paid for on behalf of the City, its Officials, Agents, or Employees by insurance purchased or self-insurance provided by the City.

For the avoidance of doubt, Contractor shall further hold the City, its Officials, Agents, and Employees harmless from liability or claims for any injuries to or death of Contractor's employees (or the employees of any authorized subcontractor) arising out of or in any way connected with the work or work to be performed under this Agreement, including protection against any claim of the contractor or subcontractor for any payments under any worker's compensation law or any expenses of or any payments made by any worker's compensation insurance carrier on behalf of said contractor or sub-contractor, and the contractor shall hold the City harmless from any costs, expenses,

judgments, and attorney's fees with respect to any above referenced workers' compensation claims incurred or paid by the City or paid on its behalf or on behalf of its Officials, Agents, or Employees by insurance purchased or self-insurance provided by the City.

Article 17. Insurance

Contractor shall not commence work under this Agreement until it has obtained all insurance required under this Article. Additionally, Contractor shall not allow any approved subcontractor to commence work on its subcontract until the subcontractor has obtained all insurance required under this Article.

During the performance of any and all Services under this Agreement, Contractor shall maintain the following insurance in full force and effect, and shall provide proof of insurance to the City's Representative listing the City of Sheboygan as an additional insured:

- a. Workers' Compensation Insurance – Contractor shall acquire and maintain, for the duration of the Agreement, Workers' Compensation Insurance that meets all statutory requirements. In the event this Agreement authorizes any work to be subcontracted, Contractor shall require any subcontractor to similarly provide Workers' Compensation Insurance in accordance with all statutory requirements.
- b. Commercial General Liability Insurance – Contractor shall acquire and maintain, for the duration of this Agreement, Commercial General Liability Insurance with a policy limit of at least \$2,000,000 per occurrence and \$2,000,000 in the aggregate.

The proof of insurance referenced above shall require the insurance company to notify the City at least thirty (30) days prior to the expiration, cancellation, non-renewal, or material change in the coverage. The Certificate Holder on the proof of insurance should be listed as:

City of Sheboygan, Wisconsin
828 Center Ave., Suite 110
Sheboygan, Wisconsin 53081

The proof of insurance must contain an original signature.

Approval of the insurance by the City shall not relieve or decrease the extent to which Contractor may be held responsible for payment of damages resulting from Contractor's provision of the Services or its operations under this Agreement. If Contractor fails or refuses to procure or maintain the insurance required by these provisions, or fails or refuses to furnish the City the required proof that the insurance has been procured and is in force and paid for, the City shall have the right at its election to terminate the Agreement.

Article 18. Conflict of Interest

Contractor declares that it has no present interest, nor shall it acquire any interest, direct or indirect, which would conflict with the performance of Services under this Agreement. Contractor agrees that no person having any such interest shall be employed in the performance of this Agreement.

Article 19. Waiver

No failure of either party to enforce a term of this Agreement against the other shall be construed as a waiver of that term, nor shall it in any way affect the party's right to enforce that term. No waiver by any party of any term of this Agreement shall be considered to be a waiver of any other term or breach thereof.

Article 20. Severability

The invalidity, illegality or unenforceability of any provision of this Agreement or the occurrence of any event rendering any portion or provision of this Agreement void shall in no way affect the validity or enforceability of any other portion or provision of this Agreement. Any void provision shall be deemed severed from this Agreement, and the balance of the Agreement shall be construed and enforced as if it did not contain the particular provision held to be void. The parties further agree to amend this Agreement to replace any stricken provision with a valid provision that comes as close as possible to the intent of the stricken provision. The provisions of this Article shall not prevent this entire Agreement from being void should a provision which is of the essence of this Agreement be determined void.

Article 21. Assignment

Neither the City nor Contractor shall assign any rights or duties under this Agreement without the prior written consent of the other party.

Article 22. Third Party Rights

Nothing in this Agreement shall be construed to give any rights or benefits to anyone other than the City and Contractor.

Article 23. Governing Law and Venue

This Agreement shall be governed by the laws of the State of Wisconsin. Venue of any disputes arising under this Agreement shall be in the Sheboygan County Circuit Court, Wisconsin.

Article 24. Non-Discrimination and Equal Opportunity

In connection with the performance of work under this Agreement, Contractor agrees not to discriminate against any employee or applicant for employment because of age, race, religion, color, handicap, sex, physical condition, disability, developmental disability (as defined in Wis. Stat. 51.01(5)), gender identify, sexual orientation (as defined in Wis. Stat. 111.32(13m)), or national origin. This provision shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship. Contractor further agrees to take affirmative action to ensure equal employment opportunities.

Article 25. Compliance with Laws

In performing the Services under this Agreement, Contractor shall comply with any and all applicable federal, state and local statutes, ordinances, plans, and regulations. This includes all safety requirements as set forth by the Wisconsin Administrative Code and all applicable OSHA Standards.

The City reserves the right to cancel this Agreement if Contractor fails to follow the requirements of Wis. Stat. 77.66 and related statutes regarding certification for collection of sales and use tax. The City also reserves the right to cancel this Agreement with any state or federally debarred contractor.

Contractor shall have any and all licenses and permits required to perform the work specified, and shall furnish proof of such licensing authorization and permits upon request.

Article 26. Notices

Any notice required by this Agreement shall be made in writing to the individuals/addresses specified below:

City:

Contractor:

City Clerk		Konz Electric, LLC
City of Sheboygan		PO Box 290
828 Center Ave.		Sheboygan Falls, WI 53085
Sheboygan, Wisconsin 53083		

Nothing contained in this Article shall be construed to restrict the transmission of routine communications between representatives of the City and Contractor.

Article 27. Intent to be Bound

The City and Contractor each binds itself and its successors, executors, administrators, permitted assigns, legal representatives and, in the case of a partnership, its partners to the other party to this Agreement, and to the successors, executors, administrators, permitted assigns, legal representatives and partners of such other party in respect to all provisions of this Agreement.

Article 28. Force Majeure

Neither party shall be in default by reason of any failure in performance of this Agreement in accordance with reasonable control and without fault or negligence on their part. Such causes may include, but are not restricted to, acts of nature or the public enemy, acts of the government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather. In every case, the failure to perform must be beyond the reasonable control and without the fault or negligence of the party.

Article 29. Integration and Modification

This Agreement may be modified only by a written amendment signed by both parties hereto. This Agreement consists of the following parts, each of which is as fully a part of this Agreement as if fully set out herein:

1. This Agreement and its Attachments
2. Any Written Amendment to the Agreement which may be delivered or issued after the Effective Date of the Agreement (including Change Orders)
3. The Request for Bids (including all attachments)
4. All Addenda to the Request for Bids

5. All Other Submittals by Contractor
 6. The Performance and Payment Bonds
- (collectively “the Contract”).

This Contract is the entire and integrated agreement between the City and Contractor regarding the subject matter of this Contract. It supersedes all prior and contemporaneous communications, representations and agreements that are not part of this Contract.

In resolving conflicts, errors, discrepancies and disputes concerning the Scope of Work to be performed by Contractor, the document expressing the greater quantity, quality, or other scope of work in question, or imposing the greater obligation upon Contractor and affording the greater right or remedy to the City shall govern. Otherwise, the documents shall be given precedence in the order set forth above.

Article 30. Non-Collusion

Contractor is certifying, under penalty of perjury, that to the best of its knowledge and belief:

1. The prices in its bid were arrived at independently, without collusion, consultation, communication, or agreement for the purpose of restricting competition as to any other matter relating to such prices with any other bidder, or with any other competitor.
2. The prices quoted in its bid were not knowingly disclosed—directly or indirectly—by the bidder prior to bid opening.
3. No attempt was made to induce any other person, partnership, or corporation to submit or not submit a bid for the purpose of restricting competition.

Article 31. Other Provisions

1. Material Safety Data Sheet. If any item(s) on an order(s) resulting from this Agreement is a hazardous chemical, as defined under 29 C.F.R. 1910.1200, Contractor shall provide one (1) copy of a Material Safety Data Sheet for each item with the shipped container(s) and one (1) copy with the invoice(s).
2. Advertising and News Releases. Reference to or use of the City, or any of its departments, officials, or employees, for commercial promotion is prohibited. News releases pertaining to this procurement shall not be made without prior approval of the City’s Representative. Release of broadcast e-mails pertaining to this procurement shall not be made without prior written authorization of the City’s Representative.
3. Foreign Corporation. A foreign corporation (any corporation other than a Wisconsin corporation) which becomes a party to this Agreement is required to conform to all the requirements of Wis. Stat. 180 relating to a foreign corporation, and must possess a certificate of authority from the Wisconsin Department of Financial Institutions, unless the corporation is transacting business in interstate commerce or is otherwise exempt from the requirement of obtaining a certificate of authority.

4. **Guaranteed Delivery.** Failure of the Contractor to adhere to delivery schedules as specified or to promptly replace rejected materials shall render the Contractor liable for all costs in excess of the Agreement price when alternate procurement is necessary. Excess costs shall include the administrative costs and other costs attributable to the delay.
5. **Authority.** Each person executing this Agreement on behalf of a party hereto represents and warrants to the other party: That the execution and delivery of this Agreement has been duly authorized, that the person or persons executing this Agreement have the full power, authority, and right to do so, and that such execution is sufficient and legally binding on such party to enable this Agreement to be enforceable in accordance with its terms.
6. **Intent of Contract Documents.**
 - a. The intent of this Agreement is to include in the contract price the cost of all labor and materials, water, fuel, tools, plants, equipment, light, transportation, and any other expenses that may be necessary for the proper execution and completion of the work included in the Agreement.
 - b. In interpreting the Agreement, words describing materials that have a well-known technical or trade meaning shall be construed in accordance with such well known meanings unless otherwise specifically defined.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year first written above.

CITY OF SHEBOYGAN, WISCONSIN

BY: _____
Ryan Sorenson, Mayor

ATTEST: _____
Meredith DeBruin, City Clerk

DATE: _____

CONTRACTOR

BY: _____
Thomas Konz, Vice President

ATTEST: _____

DATE: _____

ELECTRICAL ADDENDUM #1

Project: Sheboygan Mead Public Library Fire Alarm Replacement Project
Project No.: MSA# 09511021
Date: May 13, 2022

Sign in Sheet:

1. See attachment for pre-bid walk through sign in sheet.

Pre-bid Notes:

1. See attachment for pre-bid walk through notes.

Bid Form:

1. See attached for revised bid form that includes Alternate Bid E-1.

General:

1. Sheet E1.0D:
 - A. REVISE ceiling schedule 5 & 7 as shown clouded.
 - B. REMOVE existing flow switch in Air Handling Equip. Room as shown clouded.
 - C. ADD existing smoke detector in Storage as shown clouded.
 - D. ADD existing data rack to remain as shown clouded.
2. Sheet E1.0E:
 - A. REVISE ceiling schedule 5 & 7 as shown clouded.
 - B. ADD spot type smoke detection per plan note 75 under alternate bid E-1 as shown clouded.
 - C. ADD smoke detector in Storage as shown clouded.
 - D. ADD existing data rack to remain as shown clouded.
 - E. REVISE plan note 32 as shown clouded.
3. Sheet E1.1D:
 - A. REVISE ceiling schedule 5 & 7 as shown clouded.
 - B. REVISE existing sound system location as shown clouded.
 - C. ADD existing smoke detectors as shown clouded.
4. Sheet E1.1E:
 - A. REVISE ceiling schedule 5 & 7 as shown clouded.
 - B. ADD spot type smoke detection per plan note 75 under alternate bid E-1 as shown clouded.
 - C. ADD smoke detector and control module as shown clouded.
 - D. ADD plan notes 74 and 75 as shown clouded.
 - E. ADD microphone behind main desk as shown clouded.
 - F. ADD protective covers for pull stations as shown clouded.
5. Sheet E1.2D:
 - A. REVISE ceiling schedule 5 & 7 as shown clouded.
 - B. ADD existing smoke detectors as shown clouded.

6. Sheet E1.2E:
 - A. REVISE ceiling schedule 5 & 7 as shown clouded.
 - B. ADD spot type smoke detection per plan note 75 under alternate bid E-1 as shown clouded.
 - C. ADD smoke detector and control module as shown clouded.
 - D. ADD plan notes 18, 74 & 75 as shown clouded.
7. Sheet E1.3D:
 - A. REVISE ceiling schedule 5 & 7 as shown clouded.
8. Sheet E1.3E:
 - A. REVISE ceiling schedule 5 & 7 as shown clouded.
 - B. ADD spot type smoke detection per plan note 75 under alternate bid E-1 as shown clouded.
9. Sheet E3.0 (Sheet not included):
 - A. Detail 4/E3.0. For each Air Handler duct detector shut down provide a double pole relay; one to shut down the air handler and the second for connection to the DDC system. The connection to the DDC will be done by Owner's Controls person is Kevin Pierret of Quality Control Services, Office Phone: 920-907-0803, Email: kpierret@qcservicesfdl.com or qcs@qcservicesfdl.com. These contacts shall be connected to the DDC system as part of this work and will be a sub to the EC. Contact Quality Control Services for pricing.

Sheboygan Mead Public Library
710 North 8th Street
Sheboygan, WI 53081
Pre-Bid Sign-in Sheet



Project Name: Sheboygan Mead Public Library Fire Alarm Replacement Project

Project No.: MSA# 09511021

Meeting Date: May 11th, 2022 8:00 am.

Location: Sheboygan Mead Public Library

PLEASE PRINT LEGIBLY!!!!

<u>NAME</u>	<u>REPRESENTING</u>	<u>PHONE</u>	<u>E-MAIL</u>
Present for meeting:			
Dave Schulze (EE)	MSA Professional Ser.	920-894-4710	dschulze@msa-ps.com
Bernie Rammer	Sheboygan County	920-459-3469	Bernard.Rammer@sheboyganwi.gov
Mike Williams	City of Sheboygan	920-459-3444	Michael.Willmas@sheboyganwi.gov
Nicholas Noster	Chief Fire Inspector	920-459-3321	nicholas.noster@sheboyganwi.gov
Gregg Herr	Sheboygan Mead Library	920-459-3400 (2044)	gregg.herr@meadpl.org
Dave Altmeyer	Altmeyer Electric	920-458-3406	david@altmeyerelectric.net
Gerry Krebsbach	KW Electric	920-467-2000	estimating@kwelectricinc.com
Brett Hunt	Konz Electric	920-627-2834	bretth@konzelectric.com
Tim Arnoldi	O&W Communications	920-457-8640	tarnoldi@owcommunications.com
Scott Weyenberg	Elmstar Electric	920-766-8100	scottw@elmstar.com
Not present for Pre-			
Cameron Sauve	MSA Professional Ser.	920-267-6043	csauve@msa-ps.com
Reggie Schwarzenbart	MSA Professional Ser.	920-243-4023	rschwarzenbart@msa-ps.com

PRE-BID MEETING NOTES



Project: Sheboygan Mead Public Library Fire Alarm Replacement Project

Project No.: MSA# 09511021

Walk Through Date: Wednesday, May 11, 2022 at 8:00 am

Walk Through Location: Sheboygan Mead Public Library

Notes By: Dave Schulze, MSA Professional Services.

A. Overview

1. Everyone sign-in, check log in.
2. Contact person: Michael Willmas
3. Project Scope: This work is to include replacing the Simplex fire alarm system with a Notifier Voice/Strobe system. A voice system is being installed in lieu of a horn/strobe system because the occupant load is close to 1,000 people and is desired by the owner.
4. The owner has purchased the fire alarm headend and power supplies due to long lead times.
5. Tax exempt with owner purchase. Bidders are to include materials without sales tax and applicable county taxes in their bid.
6. This is not a prevailing wage project.
7. **Submit bid with 5% Bid Bond. No permit fees will be waived.**
8. **Contractor that is awarded with the project shall submit a Performance and Payment Bond of 100% of the contract cost.**
9. **Each contractor shall make sure they up to date with the City's Bidder's Proof of Responsibility, see front end of specification for this form.**
10. One prime contractor (EC); fire alarm contractor is a subcontractor of the EC.
11. Asbestos: may be some but should not cause work delays.
12. Provide Bidder's Proof of Responsibility.
13. Overview.
14. Questions.

B. Project Timetable

1. Addenda will be issued around Friday, May 13, 2022. At this time the City is looking at the possibility of adding additional smoke detectors spot type detection in book stack areas.
2. Bids Due at 1:00 p.m. Thursday, May 19, 2022. Send Bids to: City of Sheboygan City Hall (Finance Department) Attn: Mr. Bernard Rammer 828 Center Avenue, Sheboygan, WI 53081. Bids will be opened at 1:00 pm in Room 109 of City Hall
3. Bids will be reviewed May 19 – June 20, 2022.

4. Final approval by Common Council Monday. June 20, 2022.
5. Successful contractor notified and contract awarded June 21, 2022.
6. Pre-construction meeting tentatively week of June 27, 2022.
7. Contractors provide all submittals for review mid-July 2022.
8. Submittals returned to contractors with-in a few days.
9. Project completion: Substantial completion will be December 23, 2022 with Final completion on December 30, 2022.

C. Project Specifics

1. The owner will not leave the building. The EC shall minimize down time and coordinate ahead of time all down time.
2. Working hours: 6:30 am to 5:00 pm, Monday through Friday.
3. Dumpsters will be provided by the contractor.
4. Contractors shall be at the site to accept all deliveries of their equipment.
5. Only the third floor is sprinklered.
6. Keep the existing fire alarm system operational until the new system can be switched over.
7. Existing fire alarm equipment shall be removed and disposed of by the EC. This includes all equipment that may not be shown on the drawings.
8. Elevators only have primary and alternate recalls. There are no devices in the shafts or pits. There is no shut trip.
9. Fire alarm wiring is Free-Air type that is supported by J-hooks or D-rings above lay-in ceilings. Exposed areas in book stack and public areas shall be Wiremold and equipment rooms shall be EMT.
10. Existing emergency panel is a Bussmann fusible panel (article 700). The new fire alarm control panel and power supplies shall be fed from this panel.
11. Provide plastic covers on fire alarm pull stations where they are shown on the drawings.
12. Sprinkler flow switches in the lower mechanical room. One of them will have to be investigated since it was not found during the design.
13. Disconnect existing sound systems when fire alarm is operating. First and third floors.
14. Fire alarm contractor and the DDC contractor will be subcontractors to the EC. Per the upcoming addenda the required DDC work will be as follows:
 - a. Detail 4/E3.0. For each Air Handler duct detector shut down provide a double pole relay; one to shut down the air handler and the second for connection to the DDC system. The connection to the DDC will be done by Owner's Controls person is Kevin Pierret of Quality Control Services, Office Phone: 920-907-0803, Email: kpierret@qcservicesfdl.com or gcs@qcservicesfdl.com. These contacts shall be connected to the DDC system as part of this work and will be a sub to the EC. Contact Quality Control Services for pricing.

BID PROPOSAL FORM

**CITY OF SHEBOYGAN MEAD PUBLIC LIBRARY
FIRE ALARM SYSTEM UPGRAD**

Bids Close: 1:00 p.m., Thursday, May 19, 2022

PROPOSAL

To: City of Sheboygan City Hall
Finance Department
Attn: Mr. Bernard Rammer
828 Center Avenue
Sheboygan, WI 53081

We _____
(Company name) ☐ a corporation
☐ a partnership
☐ an individual

Of _____
Street City and State Zip Telephone No.

Hereby agree to execute contract and furnish satisfactory bond in the amount specified, and to furnish all labor and materials required to complete the project located in Sheboygan, Wisconsin, in strict accordance with the contract documents prepared by MSA Professional Services, Inc., and dated April 29, 2022.

BASE BID

We propose to furnish all permits, equipment, materials and labor, to include travel, lodging and other expenses to install a new fire alarm system in accordance with the bid plans and specifications for a turn-key installation.

Total Lump-Sum Cost \$ _____

ALTERNATE BID E-1

State the addition/deduction cost of to add additional smoke detection as stated under Alternate Bid E-1

Total Alternate Bid E-1 Cost \$ _____

Addendum Receipt

We acknowledge receipt of the following Addenda:

Addendum No. _____ Date _____

Addendum No. _____ Date _____

Addendum No. _____ Date _____

The undersigned agrees, if awarded the contract, to commence the contract work upon written notice and to complete the contract work within the times stated in the contract documents.

Firm Name

Attested (Corporate Secretary)

(Seal if Bid is by Corporation)

By _____

Title _____

Dated _____, 20__



3
E1.0D
EXISTING FUSE BREAKER
NTS



2
E1.0D
EXISTING TELEPHONE TERMINATION BOARD
NTS

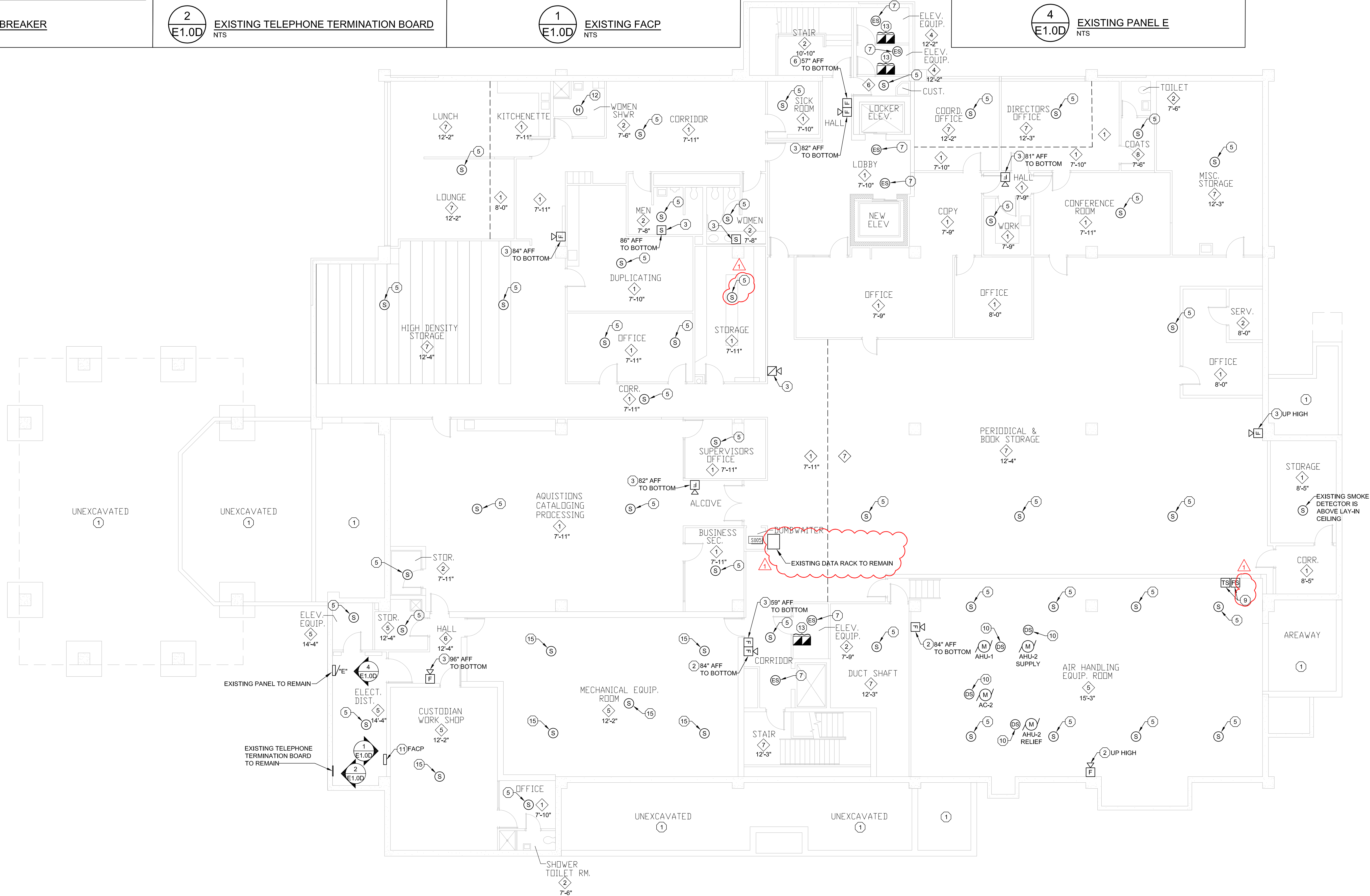


1
E1.0D
EXISTING FACP
NTS



4
E1.0D
EXISTING PANEL E
NTS

- GENERAL NOTES:**
1. REMOVE ALL EXISTING DEVICES AND WIRING AND PROVIDE NEW AS SHOWN. IF NOTES DO NOT INDICATE REUSING THE EXISTING LOCATION, THE EC MUST REMOVE DEVICE, RACEWAY, BOXES, WIRING, AND PATCH EXISTING SURFACES TO MATCH SURROUNDING SURFACES. EC TO PAINT TO MATCH WALL OR CEILING COLOR.
 2. EVERY EFFORT HAS BEEN MADE TO SHOW EXISTING FIRE ALARM DEVICES. IF AN EXISTING FIRE ALARM DEVICE IS NOT SHOWN ON THE PLANS, THE EC MUST REMOVE DEVICES, RACEWAY, BOXES, WIRING, AND PATCH EXISTING SURFACES TO MATCH SURROUNDING SURFACES. EC TO PAINT TO MATCH WALL OR CEILING COLOR. IF DEVICE IS FLUSH MOUNTED REMOVE ALL WIRING AND EXPOSED RACEWAY. PROVIDE DECORATIVE BLANK COVER.
 3. ALL CEILINGS ARE LAY-IN UNLESS OTHERWISE STATED.
 4. ALL EXISTING SMOKE DETECTORS ARE TO BE REMOVED AND PROVIDED NEW IN SAME LOCATION UNLESS OTHERWISE STATED.
 5. THIS FACILITY IS PARTIALLY SPRINKLERED. THE 3RD FLOOR IS THE ONLY FLOOR THAT IS SPRINKLERED. ELEVATOR ROOMS ARE NOT SPRINKLERED.
- PLAN NOTES:** (X)
1. NO WORK IN THIS ROOM.
 2. REMOVE EXISTING DEVICE, WIRING, BOX, AND CONDUIT.
 3. REMOVE EXISTING DEVICE AND WIRING. PROVIDE BLANK PLATE.
 4. REPLACE EXISTING SMOKE DETECTOR WITH NEW IN EXISTING LOCATION.
 5. REPLACE EXISTING FIRE ALARM PULL STATION WITH NEW IN EXISTING LOCATION.
 6. REPLACE EXISTING ELEVATOR SMOKE DETECTOR WITH NEW.
 7. EXISTING FLOW SWITCHES AND TAMPER SWITCH TO BE CONNECTED TO NEW FIRE ALARM SYSTEM
 8. REPLACE EXISTING DUCT DETECTOR WITH NEW IN EXISTING LOCATION.
 9. REPLACE EXISTING FACP WITH NEW, SEE NEW PLANS.
 10. REPLACE EXISTING HEAT DETECTOR WITH NEW IN EXISTING LOCATION.
 11. REPLACE EXISTING ELEVATOR MONITOR MODULE WITH NEW.
 12. REPLACE EXISTING SMOKE DETECTOR WITH HEAT DETECTOR IN EXISTING LOCATION.



FIRE ALARM SYMBOLS AND ABBREVIATIONS	
FIRE ALARM	
[S] X	WALL MOUNTED STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
[S] X	CEILING MOUNTED STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
[X] X	WALL MOUNTED HORN/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
[X] X	CEILING MOUNTED HORN/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
[S]	WALL MOUNTED FIRE ALARM SPEAKER
[S]	CEILING MOUNTED FIRE ALARM SPEAKER
[X]	WALL MOUNTED SPEAKER/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
[X]	CEILING MOUNTED SPEAKER/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
[F]	MANUAL PULL STATION
[FACP]	FIRE ALARM CONTROL PANEL
[FAAP]	FIRE ALARM ANNUNCIATOR PANEL
[FAPP]	FIRE ALARM POWER PANEL
[FACC]	FIRE ALARM COMMAND CENTER WITH MICROPHONE
[RTS]	REMOTE TEST SWITCH
[H]	HEAT DETECTOR
[S]	SMOKE DETECTOR
[E]	EQUIPMENT CONNECTION
[CM]	CARBON MONOXIDE DETECTOR
[DS]	DUCT SMOKE DETECTOR
[B]	SPRINKLER BELL
[FS]	SPRINKLER FLOW SWITCH
[TS]	SPRINKLER TAMPER SWITCH
[AMM]	ADDRESSABLE MONITOR MODULE
[CM]	CONTROL MODULE
[ES]	ELEVATOR SMOKE DETECTOR
[FL]	FLOOD DETECTOR
[SSD]	SYSTEM SMOKE DETECTOR WITH SOUNDER BASE
[FRS]	REDUCED db ROOM SOUNDER AUDIO NOTIFICATION APPLIANCE
[RAL]	REMOTE ALARM LIGHT FOR SMOKE DETECTOR
[FPO]	FIRE PUMP OR AHU
[HRC]	120V HOMERUN CIRCUIT
[SPC]	EXISTING SURFACE MOUNTED PANEL, SEE PLANS.
[LPC]	LEXAN/PLASTIC COVER
[G]	GAS DETECTOR
[XXX]	REFERS TO DETAIL
[XXX XXXX]	SHEET NO. WHERE DETAIL IS LOCATED
AFF	ABOVE FINISHED FLOOR

BASEMENT FLOOR PLAN - DEMO
SCALE: 1/8" = 1'-0"
NORTH

CEILING SCHEDULE	
1	LAY-IN CEILING
2	GYPSUM CEILING
3	VAULTED GYP.
4	CONCRETE
5	CONCRETE PAN 11-1/2" DEEP
6	OPEN
7	CONCRETE PAN 18" DEEP
8	12" X 12" Z-TILE

ENGINEERING DESIGN BY

MSA

(800) 352-4505 • www.msa-pe.com

Project

SHEBOYGAN MEAD PUBLIC LIBRARY FIRE ALARM

Project Number

R09511021

Seal/Signature

Issued for

BID DOCUMENTS

Item	Date
ISSUE FOR BID	04/25/2022
ADDENDUM #1	08/13/2022

Drawn by: CTS

Checked by: DLS

Sheet Title

BASEMENT FLOOR PLAN - DEMO

VERIFY SCALE

SEE DRAWINGS

Sheet Number

E1.0D

1. ALL CEILINGS ARE LAY-IN  UNLESS OTHERWISE STATED

3. PROVIDE ELEVATOR SMOKE DETECTOR INSTALLATION PER DETAIL 3

2. PROVIDE ELEVATOR SMOKE DETECTOR INSTALLATION PER DETAIL E3.0.

4. SEE DETAIL FOR INSTALLATION DETAILS

5. THIS FACILITY IS PARTIALLY SPRINKLERED. THE 3RD FLOOR IS THE ONLY FLOOR THAT IS SPRINKLERED. ELEVATOR ROOMS ARE NOT SPRINKLERED.

6. ALL FIRE ALARM PULL, JUNCTION BOXES, AND THEIR COVERS SHALL BE PAINTED RED AND HAVE "FIRE ALARM" WRITTEN ON THE COVER IN LARGE BLACK NON-WASHABLE INK. THE LETTERING SHALL BE SUCH THAT IT CAN BE READ FROM 10' AWAY. NOTE THAT THIS REQUIREMENT IS IN ADDITION TO THE NEC REQUIREMENTS WHICH REQUIRE THAT THE BOX ITSELF BE MARKED IN RED.

PLAN NOTES:

1. NO WORK IN THIS AREA

2. ROUTE WIREMOLD ON BOTTOM OF CONCRETE PAN CEILING AND FEED FROM CEILING AREA AS SHOWN

3. MOUNT DEVICE ON BOTTOM OF CONCRETE PAN CEILING.

4. PROVIDE NEW DEVICES PER DETAIL  .

9. REPLACE EXISTING SMOKE DETECTOR WITH NEW IN EXISTING LOCATION

11. IN THIS ROOM, INSTALL DEVICES IN EMT

12. REPLACE EXISTING ELEVATOR SMOKE DETECTOR WITH NEW

15. SURFACE MOUNT DEVICE ON WALL USING WIREMOLD

23. REPLACE EXISTING ELEVATOR MONITORING MODULE WITH NEW

25 REPLACE EXISTING HEAT DETECTOR WITH NEW IN EXISTING LOCATION

28. TALL SHELVING (CEILING HEIGHT)

27. 3' 0" TALL BOOK STACKS

22. 21.9" TALL BOOK STACKS

29. 3-6" TALL BOOK STACKS

30. REPLACE EXISTING SMOKE DETECTOR WITH NEW HEAT DETECTOR

31. CIRCUIT TO EXISTING PANEL "E". PROVIDE 20A/1P FUSE TO MATCH EXISTING. PAINT RED


32. CAT 6 PLENUM DATA LINE BY OWNER.

33. REPLACE EXISTING FACP WITH NEW SEE DETAIL

60. PROVIDE GAS DETECTOR.

61. PROVIDE CARBON MONOXIDE DETECTOR






































62. CONNECT EXISTING SPRINKLER FLOW SWITCHES AND TAMPER SWITCH TO NEW FACP.

63. PROVIDE NEW DUCT DETECTOR IN EXISTING DUCT DETECTOR LOCATION, SEE DETAIL . PROVIDE REMOTE TEST SWITCH.

75. PROVIDE SPOT TYPE SMOKE DETECTION UNDER A/TERNATE BID E-1



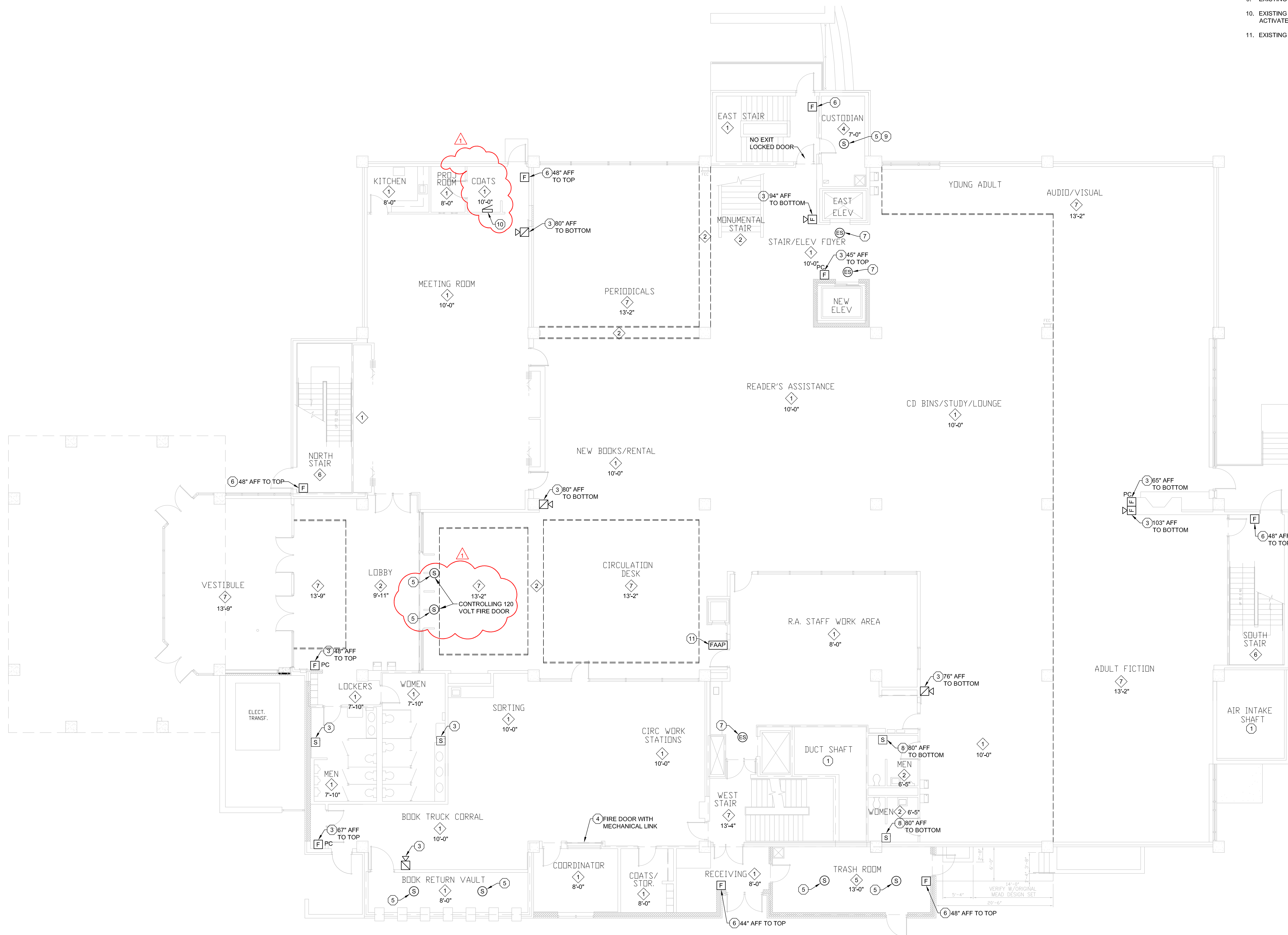
FIRE ALARM SYMBOLS AND ABBREVIATIONS

<u>FIRE ALARM</u>	
	WALL MOUNTED STROBE NOTIFICATION APPLIANCE, X = 0° LEVEL
	CEILING MOUNTED STROBE NOTIFICATION APPLIANCE, X = 0° LEVEL
	WALL MOUNTED HORN/STROBE NOTIFICATION APPLIANCE, X = 0° LEVEL
	CEILING MOUNTED HORN/STROBE NOTIFICATION APPLIANCE, X = 0° LEVEL
	WALL MOUNTED FIRE ALARM SPEAKER
	CEILING MOUNTED FIRE ALARM SPEAKER
	WALL MOUNTED SPEAKER/STROBE NOTIFICATION APPLIANCE, X = 0° LEVEL
	CEILING MOUNTED SPEAKER/STROBE NOTIFICATION APPLIANCE, X = 0° LEVEL
	MANUAL PULL STATION
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	FIRE ALARM POWER PANEL
	FIRE ALARM COMMAND CENTER WITH MICROPHONE
	REMOTE TEST SWITCH
	HEAT DETECTOR
	SMOKE DETECTOR
	EQUIPMENT CONNECTION
	CARBON MONOXIDE DETECTOR
	DUCT SMOKE DETECTOR
	SPRINKLER BELL
	SPRINKLER FLOW SWITCH
	SPRINKLER TAMPER SWITCH
	ADDRESSABLE MONITOR MODULE
	CONTROL MODULE
	ELEVATOR SMOKE DETECTOR
	FLOOD DETECTOR
	SYSTEM SMOKE DETECTOR WITH SOUNDER BASE
	REDUCED db ROOM SOUNDER AUDIO NOTIFICATION APPLIANCE
	REMOTE ALARM LIGHT FOR SMOKE DETECTOR
	FIRE PUMP OR AHU
	120V HOMERUN CIRCUIT
	EXISTING SURFACE MOUNTED PANEL. SEE PLANS.
	LEXAN/PLASTIC COVER
	GAS DETECTOR
	REFERS TO DETAIL
	SHEET NO. WHERE DETAIL IS LOCATED
	ABOVE FINISHED FLOOR

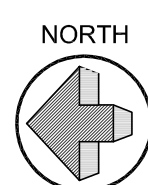
CEILING SCHEDULE	
1	LAY-IN CEILING
2	GYPSUM CEILING
3	VAULTED GYP.
4	CONCRETE
5	CONCRETE PAN 11'-12" DEEP
6	OPEN
7	CONCRETE PAN 16" DEEP
8	12" X 12" Z-TILE

- GENERAL NOTES:**
1. REMOVE ALL EXISTING DEVICES AND WIRING AND PROVIDE NEW AS SHOWN. IF NOTES DO NOT INDICATE REUSING THE EXISTING LOCATION, THE EC MUST REMOVE DEVICE, RACEWAY, BOXES, WIRING, AND PATCH EXISTING SURFACES TO MATCH SURROUNDING SURFACES. EC TO PAINT TO MATCH WALL OR CEILING COLOR.
 2. EVERY EFFORT HAS BEEN MADE TO SHOW EXISTING FIRE ALARM DEVICES. IF AN EXISTING FIRE ALARM DEVICE IS NOT SHOWN ON THE PLANS, THE EC MUST REMOVE DEVICES, RACEWAY, BOXES, WIRING, AND PATCH EXISTING SURFACES TO MATCH SURROUNDING SURFACES. EC TO PAINT TO MATCH WALL OR CEILING COLOR. IF DEVICE IS FLUSH MOUNTED REMOVE ALL WIRING AND EXPOSED RACEWAY. PROVIDE DECORATIVE BLANK COVER.
 3. ALL CEILINGS ARE LAY-IN UNLESS OTHERWISE STATED.
 4. ALL EXISTING SMOKE DETECTORS ARE TO BE REMOVED AND PROVIDED NEW IN SAME LOCATION UNLESS OTHERWISE STATED.
 5. THIS FACILITY IS PARTIALLY SPRINKLERED. THE 3RD FLOOR IS THE ONLY FLOOR THAT IS SPRINKLERED. ELEVATOR ROOMS ARE NOT SPRINKLERED.

- PLAN NOTES:** (X)
1. NO WORK IN THIS ROOM.
 2. REMOVE EXISTING DEVICE, WIRING, BOX, AND CONDUIT.
 3. REMOVE EXISTING DEVICE AND WIRING. PROVIDE BLANK PLATE.
 4. EXISTING DEVICE TO REMAIN.
 5. REPLACE EXISTING SMOKE DETECTOR WITH NEW IN EXISTING LOCATION.
 6. REPLACE EXISTING FIRE ALARM PULL STATION WITH NEW IN EXISTING LOCATION.
 7. REPLACE EXISTING ELEVATOR SMOKE DETECTOR WITH NEW.
 8. REPLACE EXISTING HORN/STROBE OR STROBE WITH SPEAKER/STROBE.
 9. EXISTING DEVICE INSTALLED USING EMT.
 10. EXISTING IN WALL AMP TO REMAIN. PROVIDE CONTROL MODULE TO TURN OFF SPEAKERS WHEN FIRE ALARM IS ACTIVATED.
 11. EXISTING FAAP TO BE REPLACED WITH NEW. SEE NEW PLANS.



1ST FLOOR PLAN - DEMO
SCALE: 1/8" = 1'-0"



FIRE ALARM SYMBOLS AND ABBREVIATIONS	
FIRE ALARM	
[S] X	WALL MOUNTED STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
[S] X	CEILING MOUNTED STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
[X] X	WALL MOUNTED HORN/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
[X] X	CEILING MOUNTED HORN/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
[X]	WALL MOUNTED FIRE ALARM SPEAKER
[X]	CEILING MOUNTED FIRE ALARM SPEAKER
[X] X	WALL MOUNTED SPEAKER/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
[X] X	CEILING MOUNTED SPEAKER/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
[F]	MANUAL PULL STATION
[FACP]	FIRE ALARM CONTROL PANEL
[FAAP]	FIRE ALARM ANNUNCIATOR PANEL
[FAPP]	FIRE ALARM POWER PANEL
[FACC]	FIRE ALARM COMMAND CENTER WITH MICROPHONE
[RTS]	REMOTE TEST SWITCH
[H]	HEAT DETECTOR
[S]	SMOKE DETECTOR
[E]	EQUIPMENT CONNECTION
[CM]	CARBON MONOXIDE DETECTOR
[DS]	DUCT SMOKE DETECTOR
[B]	SPRINKLER BELL
[FS]	SPRINKLER FLOW SWITCH
[TS]	SPRINKLER TAMPER SWITCH
[AMM]	ADDRESSABLE MONITOR MODULE
[CM]	CONTROL MODULE
[ES]	ELEVATOR SMOKE DETECTOR
[FL]	FLOOD DETECTOR
[S]	SYSTEM SMOKE DETECTOR WITH SOUNDER BASE
[F]	REDUCED db ROOM SOUNDER AUDIO NOTIFICATION APPLIANCE
[S]	REMOTE ALARM LIGHT FOR SMOKE DETECTOR
[P]	FIRE PUMP OR AHU
[C]	120V HOMERUN CIRCUIT
[S]	EXISTING SURFACE MOUNTED PANEL, SEE PLANS.
[PC]	LEXAN/PLASTIC COVER
[G]	GAS DETECTOR
[XXX]	REFERS TO DETAIL
[XXX]	SHEET NO. WHERE DETAIL IS LOCATED
AFF	ABOVE FINISHED FLOOR

CEILING SCHEDULE	
1	LAY-IN CEILING
2	GYPSUM CEILING
3	VAULTED GYP.
4	CONCRETE
5	CONCRETE PAN 11-1/2" DEEP
6	OPEN
7	CONCRETE PAN 18" DEEP
8	12" X 12" Z-TILE



1
E1.1E
EXISTING CEILING
NTS



2
E1.1E
EXISTING CEILING ACCESS PANEL
NTS

- GENERAL NOTES:**
- ALL CEILINGS ARE LAY-IN UNLESS OTHERWISE STATED.
 - PROVIDE ELEVATOR SMOKE DETECTOR INSTALLATION PER DETAIL 3 E3.07
 - FOR DUCT SMOKE DETECTOR AND REMOTE TEST PROVIDE AS SHOWN PER DETAIL 4 E3.07
 - SEE DETAIL 1 E3.07 FOR INSTALLATION DETAILS.
 - THIS FACILITY IS PARTIALLY SPRINKLERED. THE 3RD FLOOR IS THE ONLY FLOOR THAT IS SPRINKLERED. ELEVATOR ROOMS ARE NOT SPRINKLERED.
 - ALL FIRE ALARM PULL, JUNCTION BOXES, AND THEIR COVERS SHALL BE PAINTED RED AND HAVE "FIRE ALARM" WRITTEN ON THE COVER IN LARGE BLACK NON-WASHABLE INK. THE LETTERING SHALL BE SUCH THAT IT CAN BE READ FROM 10' AWAY. NOTE THAT THIS REQUIREMENT IS IN ADDITION TO THE NEC REQUIREMENTS WHICH REQUIRE THAT THE BOX ITSELF BE MARKED IN RED.

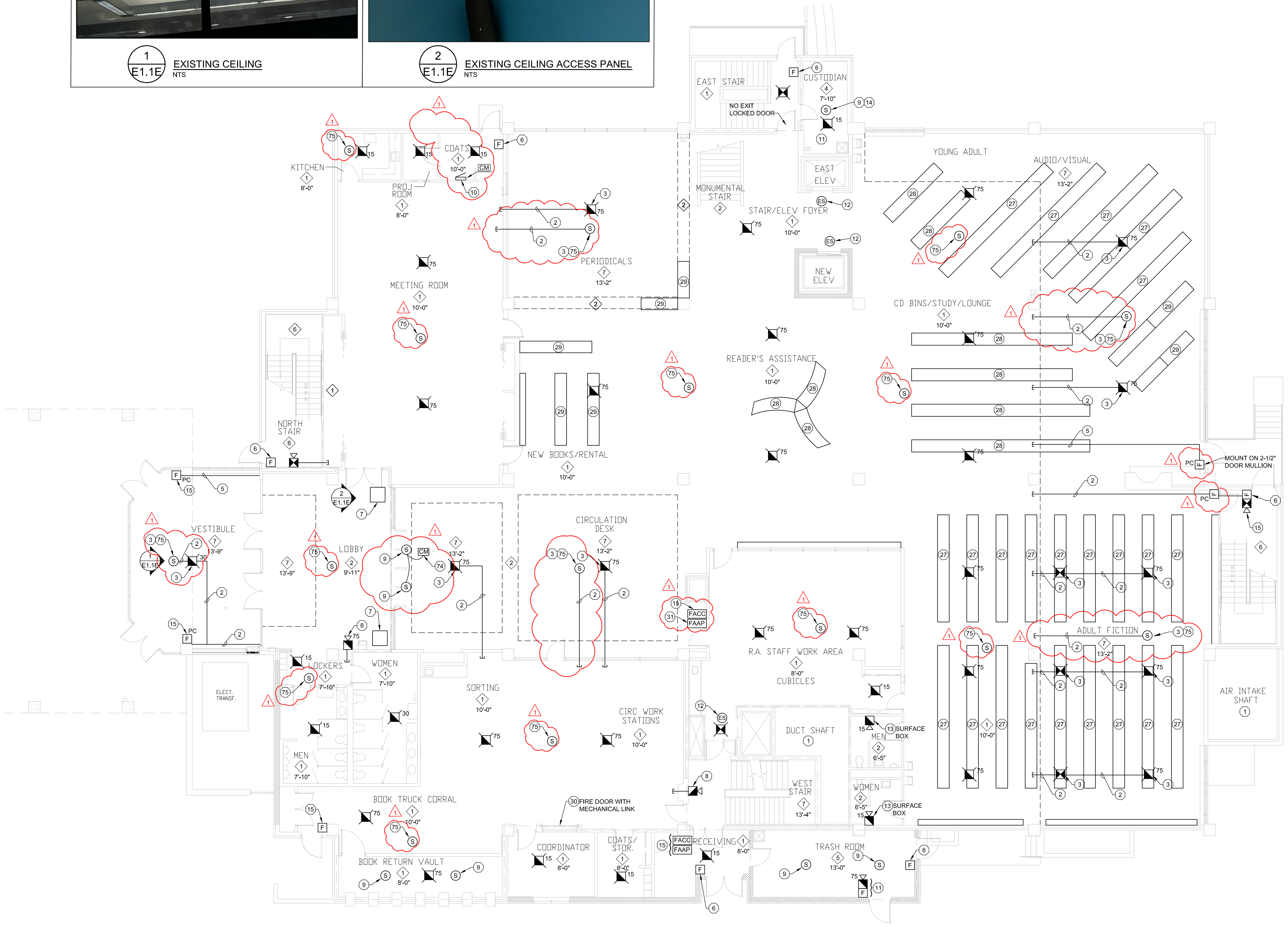
- PLAN NOTES:** (X)
- NO WORK IN THIS AREA
 - ROUTE WIREMOLD ON BOTTOM OF CONCRETE PAN CEILING AND FEED FROM CEILING AREA AS SHOWN.
 - MOUNT DEVICE ON BOTTOM OF CONCRETE PAN CEILING.
 - ROUTE WIREMOLD ON BOTTOM OF CONCRETE PAN CEILING AND FEED FROM CEILING AS SHOWN. ROUTE WIREMOLD DOWN TO PULL STATION.
 - REPLACE EXISTING FIRE ALARM PULL STATION WITH NEW IN EXISTING LOCATION.
 - EXISTING CEILING ACCESS DOOR. SEE DETAIL 2 E1.1E
 - CUT DEVICE IN EXISTING GYP. WALL. FEED FROM LAY-IN CEILING.
 - REPLACE EXISTING SMOKE DETECTOR WITH NEW IN EXISTING LOCATION.
 - EXISTING IN-WALL AMP TO REMAIN. PROVIDE CONTROL MODULE TO TURN OFF SPEAKERS WHEN FIRE ALARM IS ACTIVATED.
 - IN THIS ROOM, INSTALL DEVICES IN EMT.
 - REPLACE EXISTING ELEVATOR SMOKE DETECTOR WITH NEW.
 - REPLACE EXISTING HORN/STROBE OR STROBE WITH NEW SPEAKER/STROBE.
 - EXISTING DEVICE INSTALLED USING EMT.
 - SURFACE MOUNT DEVICE ON WALL USING WIREMOLD.
 - 7'-0" TALL BOOK STACKS.
 - 5'-0" TALL BOOK STACKS.
 - 3'-8" TALL BOOK STACKS.
 - NO FIRE ALARM CONNECTION REQUIRED.
 - EXISTING FAAP TO BE REPLACED WITH NEW.
 - PROVIDE CONTROL MODULE TO CONTROL 120V FIRE DOOR.
 - PROVIDE SPOT TYPE SMOKE DETECTION UNDER ALTERNATE BID E-1.

FIRE ALARM SYMBOLS AND ABBREVIATIONS

FIRE ALARM

- [S]X WALL MOUNTED STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
- [S]X CEILING MOUNTED STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
- [X]X WALL MOUNTED HORN/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
- [X]X CEILING MOUNTED HORN/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
- [X] WALL MOUNTED FIRE ALARM SPEAKER
- [X] CEILING MOUNTED FIRE ALARM SPEAKER
- [X] WALL MOUNTED SPEAKER/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
- [X] CEILING MOUNTED SPEAKER/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
- [F] MANUAL PULL STATION
- [FACP] FIRE ALARM CONTROL PANEL
- [FAAP] FIRE ALARM ANNUNCIATOR PANEL
- [FAPP] FIRE ALARM POWER PANEL
- [FACC] FIRE ALARM COMMAND CENTER WITH MICROPHONE
- [RTS] REMOTE TEST SWITCH
- [H] HEAT DETECTOR
- [S] SMOKE DETECTOR
- [E] EQUIPMENT CONNECTION
- [CM] CARBON MONOXIDE DETECTOR
- [DS] DUCT SMOKE DETECTOR
- [B] SPRINKLER BELL
- [FS] SPRINKLER FLOW SWITCH
- [TS] SPRINKLER TAMPER SWITCH
- [AMM] ADDRESSABLE MONITOR MODULE
- [CM] CONTROL MODULE
- [ES] ELEVATOR SMOKE DETECTOR
- [FL] FLOOD DETECTOR
- [SS] SYSTEM SMOKE DETECTOR WITH SOUNDER BASE
- [FR] REDUCED db ROOM SOUNDER AUDIO NOTIFICATION APPLIANCE
- [RL] REMOTE ALARM LIGHT FOR SMOKE DETECTOR
- [FP] FIRE PUMP OR AHU
- [HMC] 120V HOMERUN CIRCUIT
- [ESP] EXISTING SURFACE MOUNTED PANEL. SEE PLANS.
- [PC] LEXAN/PLASTIC COVER
- [G] GAS DETECTOR
- [XXX] REFERS TO DETAIL
- [XXX] SHEET NO. WHERE DETAIL IS LOCATED
- [AFF] ABOVE FINISHED FLOOR

CEILING SCHEDULE	
1	LAY-IN CEILING
2	GYPSUM CEILING
3	VAULTED GYP.
4	CONCRETE
5	CONCRETE PAN 11-1/2" DEEP
6	OPEN
7	CONCRETE PAN 16" DEEP
8	12" X 12" Z-TILE



1ST FLOOR PLAN - NEW
SCALE: 1/16" = 1'-0"

ENGINEERING DESIGN BY
MSA
(800) 352-4505 • www.msa-pe.com

Project
**SHEBOYGAN
MEAD PUBLIC
LIBRARY FIRE
ALARM**

Project Number
R09511021

Seal/Signature

Issued for
BID DOCUMENTS


Item	Date
ISSUE FOR BID	04/25/2022
ADDENDUM #1	08/13/2022


Drawn by: CTS
Checked by: DLS

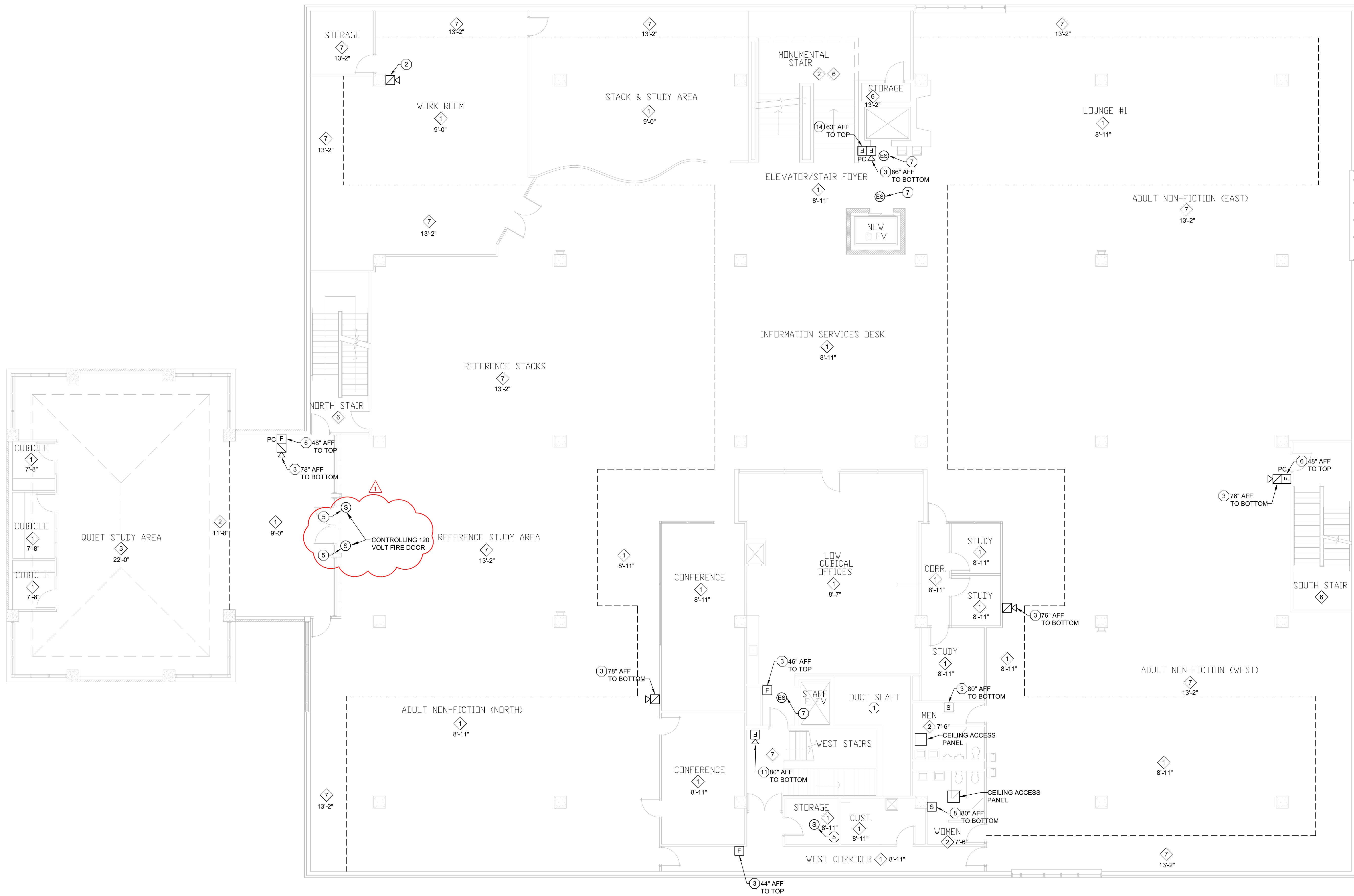
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**1ST FLOOR
PLAN - NEW**






































VERIFY SCALE SEE DRAWINGS
Sheet Number

E1.1E









- GENERAL NOTES:**
1. REMOVE ALL EXISTING DEVICES AND WIRING AND PROVIDE NEW AS SHOWN. IF NOTES DO NOT INDICATE REUSING THE EXISTING LOCATION, THE EC MUST REMOVE DEVICE, RACEWAY, BOXES, WIRING, AND PATCH EXISTING SURFACES TO MATCH SURROUNDING SURFACES. EC TO PAINT TO MATCH WALL OR CEILING COLOR.
 2. EVERY EFFORT HAS BEEN MADE TO SHOW EXISTING FIRE ALARM DEVICES. IF AN EXISTING FIRE ALARM DEVICE IS NOT SHOWN ON THE PLANS, THE EC MUST REMOVE DEVICES, RACEWAY, BOXES, WIRING, AND PATCH EXISTING SURFACES TO MATCH SURROUNDING SURFACES. EC TO PAINT TO MATCH WALL OR CEILING COLOR. IF DEVICE IS FLUSH MOUNTED REMOVE ALL WIRING AND EXPOSED RACEWAY. PROVIDE DECORATIVE BLANK COVER.
 3. ALL CEILINGS ARE LAY-IN  UNLESS OTHERWISE STATED.
 4. ALL EXISTING SMOKE DETECTORS ARE TO BE REMOVED AND PROVIDED NEW IN SAME LOCATION UNLESS OTHERWISE STATED.
 5. THIS FACILITY IS PARTIALLY SPRINKLERED. THE 3RD FLOOR IS THE ONLY FLOOR THAT IS SPRINKLERED. ELEVATOR ROOMS ARE NOT SPRINKLERED.

- PLAN NOTES:** 
1. NO WORK IN THIS ROOM.
 3. REMOVE EXISTING DEVICE AND WIRING. PROVIDE BLANK PLATE.
 5. REPLACE EXISTING SMOKE DETECTOR WITH NEW IN EXISTING LOCATION.
 6. REPLACE EXISTING FIRE ALARM PULL STATION WITH NEW IN EXISTING LOCATION.
 7. REPLACE EXISTING ELEVATOR SMOKE DETECTOR WITH NEW.
 8. REPLACE EXISTING HORN/STROBE OR STROBE WITH SPEAKER/STROBE.
 11. REPLACE EXISTING WALL MOUNTED HORN/STROBE WITH WALL SPEAKER.
 14. REPLACE PULL STATION WITH NEW AND INSTALL USING G4000 WIREMOLD.



FIRE ALARM SYMBOLS AND ABBREVIATIONS	
FIRE ALARM	
 X	WALL MOUNTED STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
 X	CEILING MOUNTED STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
 X	WALL MOUNTED HORN/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
 X	CEILING MOUNTED HORN/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
	WALL MOUNTED FIRE ALARM SPEAKER
	CEILING MOUNTED FIRE ALARM SPEAKER
 X	WALL MOUNTED SPEAKER/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
 X	CEILING MOUNTED SPEAKER/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
	MANUAL PULL STATION
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	FIRE ALARM POWER PANEL
	FIRE ALARM COMMAND CENTER WITH MICROPHONE
	REMOTE TEST SWITCH
	HEAT DETECTOR
	SMOKE DETECTOR
	EQUIPMENT CONNECTION
	CARBON MONOXIDE DETECTOR
	DUCT SMOKE DETECTOR
	SPRINKLER BELL
	SPRINKLER FLOW SWITCH
	SPRINKLER TAMPER SWITCH
	ADDRESSABLE MONITOR MODULE
	CONTROL MODULE
	ELEVATOR SMOKE DETECTOR
	FLOOD DETECTOR
	SYSTEM SMOKE DETECTOR WITH SOUNDER BASE
	REDUCED db ROOM SOUNDER AUDIO NOTIFICATION APPLIANCE
	REMOTE ALARM LIGHT FOR SMOKE DETECTOR
	FIRE PUMP OR AHU
	120V HOMERUN CIRCUIT
	EXISTING SURFACE MOUNTED PANEL, SEE PLANS.
	LEXAN/PLASTIC COVER
	GAS DETECTOR
	REFERS TO DETAIL
	SHEET NO. WHERE DETAIL IS LOCATED
	AFF ABOVE FINISHED FLOOR

2ND FLOOR PLAN - DEMO
SCALE: 1/8" = 1'-0" 

CEILING SCHEDULE	
	LAY-IN CEILING
	GYPSUM CEILING
	VAULTED GYP.
	CONCRETE
	CONCRETE PAN 11-1/2" DEEP
	OPEN
	CONCRETE PAN 18" DEEP
	12" X 12" Z-TILE

- GENERAL NOTES:**
- ALL CEILINGS ARE LAY-IN UNLESS OTHERWISE STATED.
 - PROVIDE ELEVATOR SMOKE DETECTOR INSTALLATION PER DETAIL ⁽³⁾_{E3.07}.
 - FOR DUCT SMOKE DETECTOR AND REMOTE TEST PROVIDE AS SHOWN PER DETAIL ⁽⁴⁾_{E3.07}.
 - SEE DETAIL ⁽¹⁾_{E3.07} FOR INSTALLATION DETAILS.
 - THIS FACILITY IS PARTIALLY SPRINKLERED. THE 3RD FLOOR IS THE ONLY FLOOR THAT IS SPRINKLERED. ELEVATOR ROOMS ARE NOT SPRINKLERED.
 - ALL FIRE ALARM PULL, JUNCTION BOXES, AND THEIR COVERS SHALL BE PAINTED RED AND HAVE "FIRE ALARM" WRITTEN ON THE COVER IN LARGE BLACK NON-WASHABLE INK. THE LETTERING SHALL BE SUCH THAT IT CAN BE READ FROM 10' AWAY. NOTE THAT THIS REQUIREMENT IS IN ADDITION TO THE NEC REQUIREMENTS WHICH REQUIRE THAT THE BOX ITSELF BE MARKED IN RED.

- PLAN NOTES:** (X)
- NO WORK IN THIS AREA.
 - ROUTE WIREMOLD ON BOTTOM OF CONCRETE PAN CEILING AND FEED FROM CEILING AREA AS SHOWN.
 - MOUNT DEVICE ON BOTTOM OF CONCRETE PAN CEILING.
 - ROUTE WIREMOLD ON BOTTOM OF CONCRETE PAN CEILING AND FEED FROM CEILING AS SHOWN. ROUTE WIREMOLD DOWN TO PULL STATION.
 - REPLACE EXISTING FIRE ALARM PULL STATION WITH NEW IN EXISTING LOCATION.
 - CUT DEVICE IN EXISTING GYP. WALL. FEED FROM LAY-IN CEILING.
 - REPLACE EXISTING SMOKE DETECTOR WITH NEW IN EXISTING LOCATION.
 - IN THIS ROOM, INSTALL DEVICES IN EMT.
 - REPLACE EXISTING ELEVATOR SMOKE DETECTOR WITH NEW.
 - REPLACE EXISTING HORN/STROBE OR STROBE WITH NEW SPEAKER/STROBE.
 - SURFACE MOUNT DEVICE ON WALL USING WIREMOLD.
 - ROUTE WIREMOLD IN FACE OF CONCRETE SOFFIT TO FEED DEVICES IN LAY-IN CEILING AREA. ROUTE TO LAY-IN CEILING AREA AS SHOWN.
 - REPLACE EXISTING WALL MOUNTED HORN/STROBE WITH WALL SPEAKER.
 - ROUTE WIREMOLD ON BOTTOM OF CONCRETE PAN CEILING AND STUB INTO CEILING SPACE TO FEED DEVICE LOCATED IN QUIET STUDY AREA.
 - REPLACE PULL STATION WITH NEW AND INSTALL USING G4000 WIREMOLD SO PULL STATION IS AT 42" AFF TO CENTER.
 - 7'-0" TALL BOOK SHELVING.
 - 5'-0" TALL BOOK SHELVING.
 - 7'-8" TALL BOOK SHELVING.
 - PROVIDE CONTROL MODULE TO CONTROL 120V FIRE DOOR.
 - PROVIDE SPOT TYPE SMOKE DETECTION UNDER ALTERNATE BID E-1.

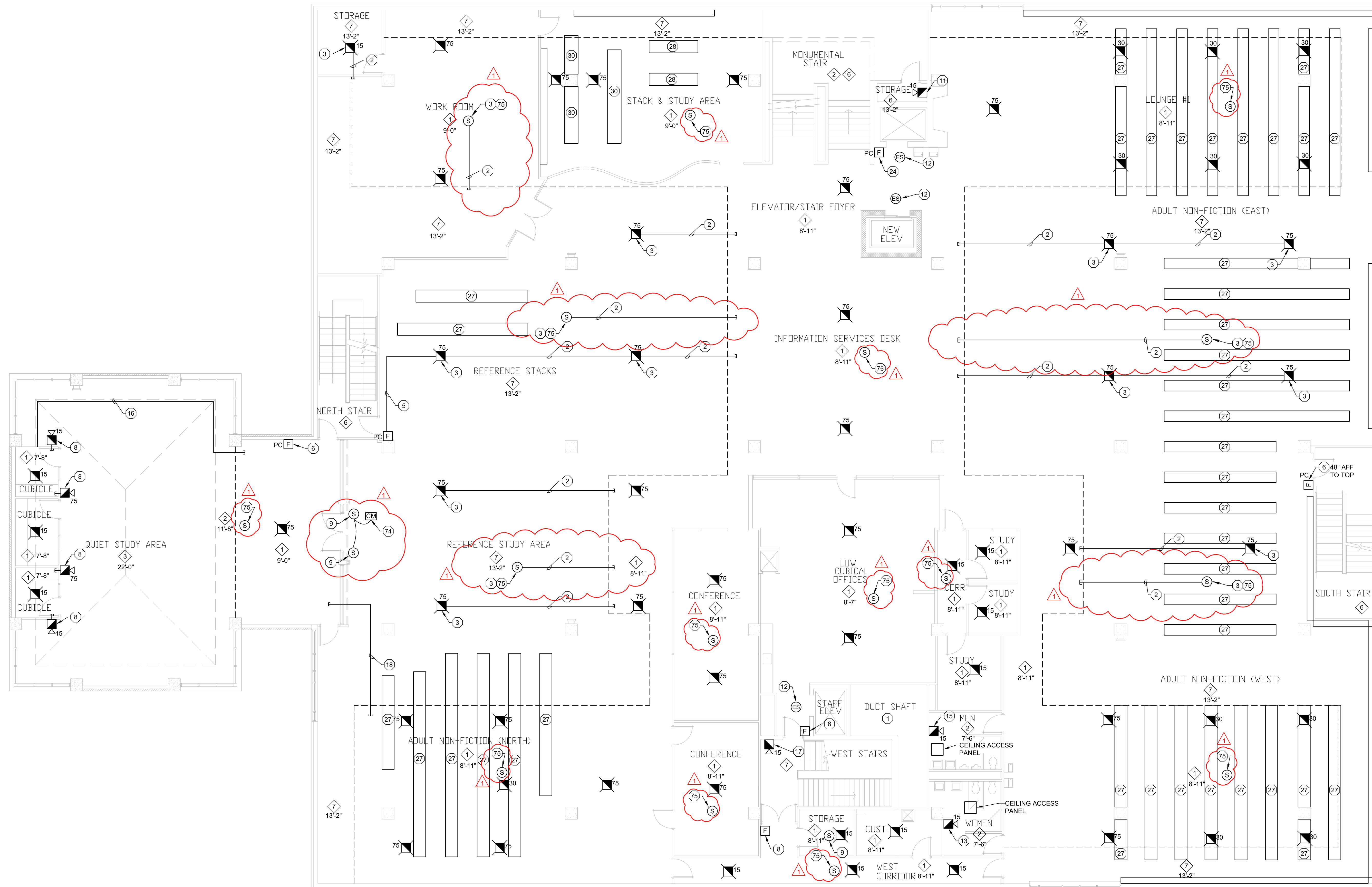
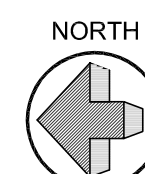
**FIRE ALARM SYMBOLS
AND ABBREVIATIONS**

FIRE ALARM

- [S] X WALL MOUNTED STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
[S] X CEILING MOUNTED STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
[X] X WALL MOUNTED HORN/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
[X] X CEILING MOUNTED HORN/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
[F] MANUAL PULL STATION
[FACP] FIRE ALARM CONTROL PANEL
[FAAP] FIRE ALARM ANNUNCIATOR PANEL
[FAPP] FIRE ALARM POWER PANEL
[FACC] FIRE ALARM COMMAND CENTER WITH MICROPHONE
[RTS] REMOTE TEST SWITCH
[H] HEAT DETECTOR
[S] SMOKE DETECTOR
[E] EQUIPMENT CONNECTION
[CM] CARBON MONOXIDE DETECTOR
[DS] DUCT SMOKE DETECTOR
[B] SPRINKLER BELL
[FS] SPRINKLER FLOW SWITCH
[TS] SPRINKLER TAMPER SWITCH
[AMM] ADDRESSABLE MONITOR MODULE
[CM] CONTROL MODULE
[ES] ELEVATOR SMOKE DETECTOR
[FL] FLOOD DETECTOR
[SS] SYSTEM SMOKE DETECTOR WITH SOUNDER BASE
[FR] REDUCED db ROOM SOUNDER AUDIO NOTIFICATION APPLIANCE
[RL] REMOTE ALARM LIGHT FOR SMOKE DETECTOR
[FP] FIRE PUMP OR AHU
[HMC] 120V HOMERUN CIRCUIT
[ESP] EXISTING SURFACE MOUNTED PANEL. SEE PLANS.
[PC] LEXAN/PLASTIC COVER
[G] GAS DETECTOR
[XXX] REFERS TO DETAIL
[XXX/XXXX] SHEET NO. WHERE DETAIL IS LOCATED
[AFF] ABOVE FINISHED FLOOR


2ND FLOOR PLAN - NEW

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








































CEILING SCHEDULE

1	LAY-IN CEILING
2	GYPSUM CEILING
3	VAULTED GYP.
4	CONCRETE
5	CONCRETE PAN 11-1/2" DEEP
6	OPEN
7	CONCRETE PAN 18" DEEP
8	12" X 12" Z-TILE

- ### GENERAL NOTES:
1. REMOVE ALL EXISTING DEVICES AND WIRING AND PROVIDE NEW AS SHOWN. IF NOTES DO NOT INDICATE REUSING THE EXISTING LOCATION, THE EC MUST REMOVE DEVICE, RACEWAY, BOXES, WIRING, AND PATCH EXISTING SURFACES TO MATCH SURROUNDING SURFACES. EC TO PAINT TO MATCH WALL OR CEILING COLOR.
 2. EVERY EFFORT HAS BEEN MADE TO SHOW EXISTING FIRE ALARM DEVICES. IF AN EXISTING FIRE ALARM DEVICE IS NOT SHOWN ON THE PLANS, THE EC MUST REMOVE DEVICES, RACEWAY, BOXES, WIRING, AND PATCH EXISTING SURFACES TO MATCH SURROUNDING SURFACES. EC TO PAINT TO MATCH WALL OR CEILING COLOR. IF DEVICE IS FLUSH MOUNTED REMOVE ALL WIRING AND EXPOSED RACEWAY. PROVIDE DECORATIVE BLANK COVER.
 3. ALL CEILINGS ARE LAY-IN  UNLESS OTHERWISE STATED.
 4. ALL EXISTING SMOKE DETECTORS ARE TO BE REMOVED AND PROVIDED NEW IN SAME LOCATION UNLESS OTHERWISE STATED.
 5. THIS FACILITY IS PARTIALLY SPRINKLERED. THE 3RD FLOOR IS THE ONLY FLOOR THAT IS SPRINKLERED. ELEVATOR ROOMS ARE NOT SPRINKLERED.
- ### PLAN NOTES:
2. REMOVE EXISTING DEVICE, WIRING, BOX, AND CONDUIT.
 3. REMOVE EXISTING DEVICE AND WIRING. PROVIDE BLANK PLATE.
 5. REPLACE EXISTING SMOKE DETECTOR WITH NEW IN EXISTING LOCATION.
 7. REPLACE EXISTING ELEVATOR SMOKE DETECTOR WITH NEW.
 10. EXISTING IN-WALL AMP TO REMAIN. PROVIDE CONTROL MODULE TO TURN OFF SPEAKERS WHEN FIRE ALARM IS ACTIVATED.
 11. REPLACE EXISTING DUCT DETECTOR WITH NEW IN EXISTING LOCATION. SUPPLY & RETURN LOCATED ABOVE CEILING.



FIRE ALARM SYMBOLS AND ABBREVIATIONS	
FIRE ALARM	
	WALL MOUNTED STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
	CEILING MOUNTED STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
	WALL MOUNTED HORN/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
	CEILING MOUNTED HORN/STROBE NOTIFICATION APPLIANCE, X = CD LEVEL
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	MANUAL PULL STATION
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	FIRE ALARM POWER PANEL
	FIRE ALARM COMMAND CENTER WITH MICROPHONE
	REMOTE TEST SWITCH
	HEAT DETECTOR
	SMOKE DETECTOR
	EQUIPMENT CONNECTION
	CARBON MONOXIDE DETECTOR
	DUCT SMOKE DETECTOR
	SPRINKLER BELL
	SPRINKLER FLOW SWITCH
	SPRINKLER TAMPER SWITCH
	ADDRESSABLE MONITOR MODULE
	CONTROL MODULE
	ELEVATOR SMOKE DETECTOR
	FLOOD DETECTOR
	SYSTEM SMOKE DETECTOR WITH SOUNDER BASE
	REDUCED db ROOM SOUNDER AUDIO NOTIFICATION APPLIANCE
	REMOTE ALARM LIGHT FOR SMOKE DETECTOR
	FIRE PUMP OR AHU
	120V HOMERUN CIRCUIT
	EXISTING SURFACE MOUNTED PANEL. SEE PLANS.
	LEXAN/PLASTIC COVER
	GAS DETECTOR
	REFERS TO DETAIL
	SHEET NO. WHERE DETAIL IS LOCATED
	ABOVE FINISHED FLOOR

CEILING SCHEDULE	
1	LAY-IN CEILING
2	GYPSUM CEILING
3	VAULTED GYP.
4	CONCRETE
5	CONCRETE PAN 11'-1/2" DEEP
6	OPEN
7	CONCRETE PAN 16" DEEP
8	12" X 12" Z-TILE

GENERAL NOTES:

- ALL CEILINGS ARE LAY-IN UNLESS OTHERWISE STATED.
- PROVIDE ELEVATOR SMOKE DETECTOR INSTALLATION PER DETAIL ³_{E3.0}.
- FOR DUCT SMOKE DETECTOR AND REMOTE TEST PROVIDE AS SHOWN PER DETAIL ⁴_{E3.0}.
- SEE DETAIL ¹_{E3.0} FOR INSTALLATION DETAILS.
- THIS FACILITY IS PARTIALLY SPRINKLERED. THE 3RD FLOOR IS THE ONLY FLOOR THAT IS SPRINKLERED. ELEVATOR ROOMS ARE NOT SPRINKLERED.
- ALL FIRE ALARM PULL, JUNCTION BOXES, AND THEIR COVERS SHALL BE PAINTED RED AND HAVE "FIRE ALARM" WRITTEN ON THE COVER IN LARGE BLACK NON-WASHABLE INK. THE LETTERING SHALL BE SUCH THAT IT CAN BE READ FROM 10' AWAY. NOTE THAT THIS REQUIREMENT IS IN ADDITION TO THE NEC REQUIREMENTS WHICH REQUIRE THAT THE BOX ITSELF BE MARKED IN RED.

PLAN NOTES: (X)

- REPLACE EXISTING FIRE ALARM PULL STATION WITH NEW IN EXISTING LOCATION.
- REPLACE EXISTING SMOKE DETECTOR WITH NEW IN EXISTING LOCATION.
- EXISTING IN-WALL AMP TO REMAIN. PROVIDE CONTROL MODULE TO TURN OFF SPEAKERS WHEN FIRE ALARM IS ACTIVATED.
- REPLACE EXISTING ELEVATOR SMOKE DETECTOR WITH NEW.
- STACK AREA WITH 5'-1" TALL BOOK SHELVES.
- USE EMT TO INSTALL DEVICES IN THIS ROOM.
- CUT DEVICE IN EXISTING GYP. WALL AND FEED AS SHOWN.
- SURFACE MOUNT DEVICE USING WIREMOLD. FEED FROM EXISTING DEVICE AS SHOWN.
- 5'-0" TALL BOOK SHELVING.
- 3'-8" TALL BOOK SHELVING.
- PROVIDE NEW DUCT DETECTOR IN EXISTING DUCT DETECTOR LOCATION, SEE DETAIL ⁴_{E3.0}. PROVIDE REMOTE TEST SWITCH, LOCATED ABOVE CEILING.
- PROVIDE SPOT TYPE SMOKE DETECTION UNDER ALTERNATE BID E-1.

**FIRE ALARM SYMBOLS
AND ABBREVIATIONS**

FIRE ALARM

- (S)X WALL MOUNTED SMOKE NOTIFICATION APPLIANCE, X = CD LEVEL
- (S)X CEILING MOUNTED SMOKE NOTIFICATION APPLIANCE, X = CD LEVEL
- (S)X WALL MOUNTED HORN/STOBE NOTIFICATION APPLIANCE, X = CD LEVEL
- (S)X CEILING MOUNTED HORN/STOBE NOTIFICATION APPLIANCE, X = CD LEVEL
- (S)X WALL MOUNTED FIRE ALARM SPEAKER
- (S)X CEILING MOUNTED FIRE ALARM SPEAKER
- (S)X WALL MOUNTED SPEAKER/STOBE NOTIFICATION APPLIANCE, X = CD LEVEL
- (S)X CEILING MOUNTED SPEAKER/STOBE NOTIFICATION APPLIANCE, X = CD LEVEL
- (F) MANUAL PULL STATION
- (FACP) FIRE ALARM CONTROL PANEL
- (FAAP) FIRE ALARM ANNUNCIATOR PANEL
- (FAPP) FIRE ALARM POWER PANEL
- (FACC) FIRE ALARM COMMAND CENTER WITH MICROPHONE
- (RTS) REMOTE TEST SWITCH
- (H) HEAT DETECTOR
- (S) SMOKE DETECTOR
- (E) EQUIPMENT CONNECTION
- (CM) CARBON MONOXIDE DETECTOR
- (DS) DUCT SMOKE DETECTOR
- (B) SPRINKLER BELL
- (FS) SPRINKLER FLOW SWITCH
- (TS) SPRINKLER TAMPER SWITCH
- (AM) ADDRESSABLE MONITOR MODULE
- (CM) CONTROL MODULE
- (ES) ELEVATOR SMOKE DETECTOR
- (FL) FLOOD DETECTOR
- (S)X SYSTEM SMOKE DETECTOR WITH SOUNDER BASE
- (F)X REDUCED db ROOM SOUNDER AUDIO NOTIFICATION APPLIANCE
- (S)X REMOTE ALARM LIGHT FOR SMOKE DETECTOR
- (P) FIRE PUMP OR AHU
- (H) 120V HOMERUN CIRCUIT
- (PC) EXISTING SURFACE MOUNTED PANEL. SEE PLANS.
- (G) LEXAN/PLASTIC COVER
- (G) GAS DETECTOR
- (XXX) REFERS TO DETAIL
- (XXX) SHEET NO. WHERE DETAIL IS LOCATED
- AFF ABOVE FINISHED FLOOR

CEILING SCHEDULE

1	LAY-IN CEILING
2	GYPSUM CEILING
3	VAULTED GYP.
4	CONCRETE
5	CONCRETE PAN 11-1/2" DEEP
6	OPEN
7	CONCRETE PAN 18" DEEP
8	12" X 12" Z-TILE

3RD FLOOR PLAN - NEW

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

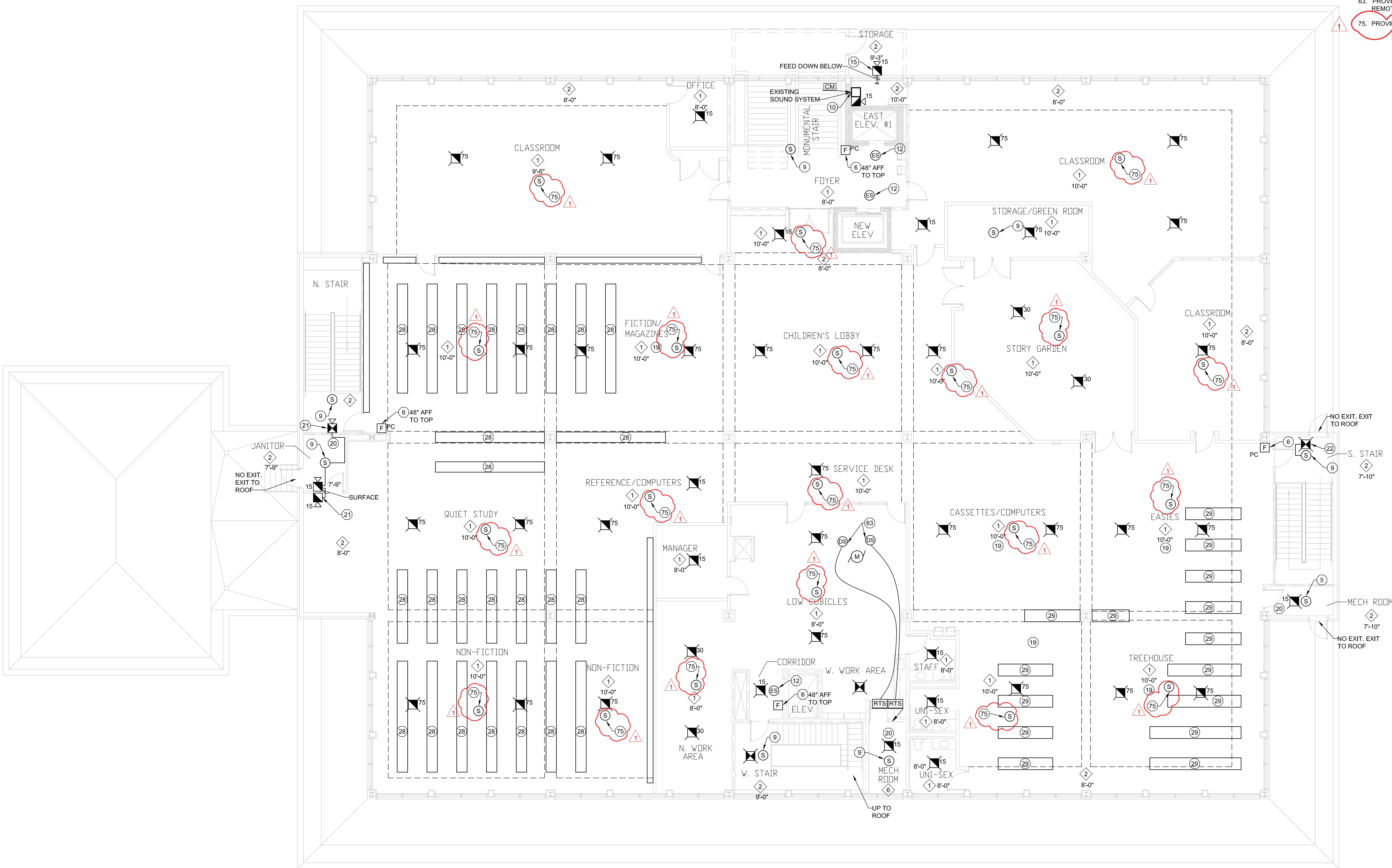




EXHIBIT 2

Quote

Date	Quote #
8/1/2022	10302

Name / Address
City of Sheboygan Finance Dept 828 Center Ave, Suite 205 Sheboygan, WI 53081

Customer Fax

Qty	Description	Rate	Total
	<p>Konz Electric, LLC is pleased to quote the project detailed below</p> <p>City of Sheboygan Mead Public Library Fire Alarm system upgrade *As per plans and specs dated 4-25-2022 *We acknowledge addendum #1 *All Demo of existing fire alarm system and devices is included as shown on drawings *New Fire Alarm system, devices, cabling, conduit/wiremold, programming, and testing are included as shown on drawings *Tie into existing BAS system is included as needed or called out on drawings Labor and Materials</p> <p>Alt #1: Add spot smoke detection throughout Add: \$22,800.00</p>	229,380.00	229,380.00T
		Sales Tax (0.0%)	\$0.00
Signature _____		Total	\$229,380.00