



INVITATION FOR BID (IFB)

IFB Number	Scope Number	Closing Date	Closing Time	Return IFB Submittal
PR109609-012-6409	6409	4/13/2020	4:00pm EST	bids@synergynds.com

IFB Reference Information:	Interior Framing			
Insured Property Owner:	City of Mexia			
Property Location Name:	Gibbs Memorial Library			
Address Line 1:	305 E. Rusk St.			
Address Line 2:	Enter Text Here			
City:	Mexia	State:	Texas	Zip Code: 76667

DESCRIPTION: Furnish all required labor, materials and equipment necessary to provide Scope-of-Work at the above described location. Work is being authorized under the elected TML TurnKey Recovery ProgramSM administered by Synergy NDS, Inc. (SynergyNDS) on behalf of the Insured Property Owner, a Member of the Texas Municipal League (TML).

SUBMITTAL INSTRUCTIONS: In support of Procurement Guidelines, the IFB Packet includes specifications and terms & conditions associated with the above referenced project information.

- Bids shall be received no later than the Closing Date & Time indicated above. Bids received after above deadline or that are not submitted in accordance to Submittal Instructions may be rejected without further explanation or contractor notification.
- Bid shall be completed and submitted using **ONLY** the **Contractor Submittal Form** (provided at the end of the IFB Packet).
- Contractor is responsible to validate all Quantities and Units of Measurements specific to the following scope items &/or products. The information and descriptions provided in the IFB are intended for general guidance purposes only. Contractor may not change or alter any material &/or specifications identified in the IFB for submission purposes without prior written/email notification to: bids@synergynds.com.
- Contractor has the sole responsibility to ensure that all services and material for BID Submittal (whether stated correctly in the IFB or not) satisfactorily meet all required Codes & Standards, OSHA Guidelines and The Americans with Disabilities Act (ADA).
- Contractor should also consider the approach (if necessary) in which to stock/store material at the jobsite in a safe and secure manner. SynergyNDS will not be responsible for lost or stolen material, supplies or equipment stocked at the jobsite.
- Bid award will be made based on best overall LUMP SUM project value as determined by SynergyNDS in accordance to market valuation, project demands, critical path scheduling – as well as overall Insured Member's WorkForce Participation Goals. Contributing factors, in addition to price, may be considered as necessary to help determine bid award based on any additional criteria set forth by the specific TML Insured Member.

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7. SynergyNDS reserves the right to modify the IFB Specifications and Terms & Conditions at any time during the bid solicitation process. Timely notice to all bidders will be given via an electronically distributed Addendum.
8. All registered HUB & HUB Zone Contractors, as well as DBEs are encouraged to participate. Additional Contractor Financial Assistance is available to help support daily HUB/DBE Contractor's operations under the terms and condition of a successful contract award.
9. SynergyNDS is an equal opportunity employer and administers all Contracts & Contractor Agreements in accordance to the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a) and 60-741.5(a).
10. Contractor is strongly encouraged to schedule a Site Visit of the property as necessary to support the IFB Submittal. All scheduled site visits can be requested at bids@synergynds.com.
11. When a mandatory Pre-BID Meeting is identified and scheduled in a specific IFB, Contractor Attendance is a requirement as part of the Solicitation. Contractors who fail to attend the Pre-BID Meeting will not be eligible to participate in the IFB and subsequent submittal process.
12. Contractor can submit all questions &/or concerns specific to the IFB by email to: bids@synergynds.com.

SCOPE-OF-WORK SUMMARY

Refer to **EXHIBIT A** and any subsequent **ATTACHMENTS** for scope-of-work description that will be included after the IFB Contractor Submittal Form on Page #9.

- *This IFB is part of a potential Federally Funded Project.
- *This IFB does not require a Contractor Payment or Performance Bond.
- *This Project is Sales Tax Exempt through the specific Texas Public Entity.
- *This IFB does not require a Pre-BID Meeting
- *This IFB supports workforce participation goals.

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GENERAL TERMS & CONDITIONS

1. Contractor shall be responsible for field verifying all conditions, dimensions & quantities prior to IFB Submittal and the implementation of this scope of work. Any Exhibits, Plans, Drawing &/or Other Supporting Documents have been included for general reference purposes only.
2. Contractor is responsible to identify and satisfactorily address all applicable regulatory requirements, including but not limited to Codes & Standards, HUD/DBE Participation Goals & Guidelines and ADA/FHA Specifications.
3. Contractor shall indicate in writing and be responsible to submit to SynergyNDS via email distribution to projects@synergynnds.com any request or need for additional 3rd Party Assignment as necessary to further identify required codes & standards, scope specifications or public health safety concerns outside of Contractor's professional competence &/or licenses.
4. Contractor is to obtain their own permits and schedule all applicable inspections. Permits can be obtained by contacting the Building Department or other administering entity. Permit Fees are reimbursable direct from SynergyNDS (in addition to contractor's Lump Sum Proposal) if incurred and submitted with proper documentation.
5. Contractor shall prohibit discrimination against staff &/or available workforce based on their status as protected veterans or individuals with disabilities and prohibit discrimination against all individuals based on their race, color, religion, sex, sexual orientation, gender identity or national origin. Moreover, these regulations require that Contractor and its subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status or disability.
6. Contractor is to abide by all applicable OSHA and project safety requirements and standards. Contractor shall require all employees to utilize proper PPE when applicable, including but not limited to: fall protection harnesses, hard hats, safety glasses, safety foot wear, gloves and etc.
7. Contractor is responsible for submitting applicable project and associated contract documents as defined by Architectural Drawings Specifications, Engineering Requirements, Certificates of Insurance, Change Order Requests and any written or documented deviations from approved scopes-of-work or Contract.
8. Contractor may be asked to provide Material Safety Data Sheets (MSDS) to the Industrial Hygienist of record (for the project) for chemical-based products that will be used including, but not limited to, glues, cleaners, solvents, anti-microbial products, sanitizing agents, etc. The Industrial Hygienist of record retains the right to not allow the use of any of the products selected.
9. Contractor shall be responsible under terms of the Agreement for supplying any and all necessary labor, equipment, tools, materials and travel expense to complete the scope of work unless directed otherwise in the IFB. This includes but is not limited to: Rental Equipment, Dumpsters, Storage Containers, Jobsite Trailer, General Conditions, Associated Expenses, Travel Cost and Overhead & Profit which are to be included in the IFB Contractor Lump Sum Proposal.
10. Contractor shall protect all property from new and supplemental damage during the performance of work. This includes, but necessarily limited to: wall finishes, floor finishes, windows, electrical systems, mechanical systems, communication systems, life safety systems, security systems, HVAC control

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systems, plumbing systems, lighting systems, structurally related components, exterior elements, vegetation, property-of-others, and etc.

11. Contractor shall be responsible for any breakage &/or cleaning of unintended damage, debris, coatings, coverings, overspray and residual caulking from the aforementioned property described above. If affected property can't be successfully cleaned &/or restored to pre-existing condition, SynergyNDS will seek reimbursement from Contractor &/or deduct the appropriate replacement cost from outstanding Invoice Payment (Contract Value).
12. Contractor is EXPECTED to maintain a Clean & Safe Work Environment throughout the lifecycle of the awarded scope-of-work. This includes daily clean-up and organization of the Contractor's work area specific to all material waste, debris, tools &/or equipment. Failure to do so (after 3 documented warnings) can result in back charges to Contractor in the amount of \$25.50 hourly rate with a minimum \$150.00 per day clean-up rate (as determined by the SynergyNDS or the Insured Property Owner).
13. Contractor shall be responsible for securing work area(s) from access by non-authorized building occupants, including all persons not directly part of the restoration, repair and/or rebuild efforts. This includes securing work area(s) as identified in the IFB Scope-of-Work &/or under Contractors control.
14. Contractor shall provide and implement a site-specific health and safety plan to include hazard communication and related OSHA requirements to protect workers as well as the general public with access to the work area.
15. If the Contractor determines that deviations, modifications (change order or supplemental costs) from the initial scope-of-work are required, the Contractor shall submit a written request to SynergyNDS for review and approval prior to start of any additional work not otherwise included in initial BID. The written request will contain, at a minimum:
 - a. Reason for deviation or modification
 - b. Description of deviation or modification
 - c. Project cost addition or subtraction for deviation or modification
 - d. Estimated time required for deviation or modification.
16. Contractor is NOT responsible for any conditions or activities the building owner or employees implemented prior to their arrival to the job site. This includes removal of contents, equipment or personnel from the affected areas to the non-affected areas of the building.
17. During the performance of Contractor's scope-of-work, pre-existing damage to the building, structure, system failures or other anomalies may be found. If this occurs, the Contractor has the responsibility to identify, document and report these deficiencies immediately to SynergyNDS by email notification to projects@synergynnds.com. Verbal notification &/or discussion only with the Onsite Project Manager is encouraged but not binding. Written documentation must be provided in efforts to comply with the required transparent approach.
18. Contractor is responsible to ensure that their employees &/or its sub-contractors comply with the provisions and terms of the IFB and Contract Agreement.

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PAYMENT: Project is managed by SynergyNDS, Inc., under the TML Turnkey Recovery Program. Payments will be made directly to the contractor(s) in accordance with described terms & conditions. Qualified contractors may be eligible for an upfront material deposit or progress payments as determined prior to BID AWARD. **Contractor must be registered in the MVP (Managed Vendor Program) whereby required contractor documents must be uploaded to the database. There is annual \$49.95 processing fee as part of the initial contractor vetting and background check.**

PAYMENT TERMS: Payments will be made after inspection and approval of work by SynergyNDS, City Building Official &/or Insurance Adjuster. Accurate invoices and required project documentation must be submitted to SynergyNDS for project audit prior to payment. *Material Deposits &/or Advanced Payments require Contractor to complete online registration in the Managed Vendor Program (MVP). MVP has an annual \$49.99 Registration Fee to be part of the Contractor Direct Repair Program. Material Deposits &/or Advanced Payments will require a 2% Invoice Payment Discount.

HOLD HARMLESS: To the fullest extent permitted by law, the Contractor/Vendor shall indemnify, defend, and hold harmless SynergyNDS, Inc & TML, their officers, agents, employees, elected, and appointed officials, Insurance Representatives and volunteers from and against any and all claims, losses or liability, including attorney's fees, arising from injury or death to persons or damage to property occasioned by any act, omission, or failure of the Contractor/Vendor and any of its officers, agents, employees, and volunteers in satisfying the terms required by this contract.

RIGHT TO ACCEPT, REJECT AND WAIVE DEFECTS: SynergyNDS &/or Contracting Agent reserves the right to: reject all quotations; waive formalities, technical defects, and minor irregularities; accept the quotation (if any) deemed most advantageous to and in the best interests of Insured Members of TML. Award will be based on price, contractor's daily performance capabilities, availability to provide the specified services when required &/or in accordance to critical path scheduling.

DAMAGES: Contractor will be held liable for any damage caused to the building and ancillary structure, and/or injury to the occupants resulting from the execution of the work or from not exercising proper precautionary protective measures. Any cost of repair/replacement resulting from damages shall be at the Contractor's expense.

WORK-SITE PRACTICES: Contractor's workers, as well as the various trade contractors entering or leaving the work area, will all attend a site-specific safety meeting as well as daily safety meetings prior the scheduled workday. Contractor's workers entering or leaving the work area will don or remove personal protective equipment and clothing in the staging area outside of each work area. All debris & trash in the work area will be removed and disposed.

WORKER PERSONAL PROTECTION EQUIPMENT: The National Institute for Occupational Safety and Health (NIOSH) provides the following interim guidelines and warnings to restoration workers.

- a) Steel toed leather boots should be worn. Tennis shoes or sneakers should *not* be worn because they will transfer contamination and will not prevent punctures, bites, or crush injuries.
- b) Goggles, safety glasses with side shields or full-face shields shall be used when performing restoration related activities that involve demolition, cutting or the use of ANY power tools. Sun/glare-protective

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lenses may be needed in some work settings. The use of goggles or protective eyewear should also be worn during the application of any cleaners, sanitizers or disinfectants.

- c) Soft hat or another protective head cover. Wear an American National Standards Institute (ANSI) rated hardhat if there is any danger of falling debris or electrical hazards.
- d) Hearing protection (when working in an environment with any noise that you must shout over to be heard).
- e) Comfortable, form fitting, light weight clothing including long pants and a long-sleeved shirt or coveralls. Additional PPE, respiratory protection, or clothing may be required when specific exposure hazards are identified or expected at the work site. In some instances, the protective ensemble components (garment, boots and gloves) may need to be impervious to contaminated flood or other site-specific chemical, physical, or biological hazards. In all instances, workers are advised to wash their hands with soap and clean water, especially before eating or drinking. Protect any cuts or abrasions with waterproof gloves and dressings. The use of insect repellent, sun block and lip balm may also be required for some work environments. Drink plenty of bottled water and take frequent rest breaks to avoid overexertion.

THERMAL STRESSES: HEAT: Workers are at serious risk for developing heat stress. Excessive exposure to hot environments can cause a variety of heat-related problems, including heat stroke, heat exhaustion, heat cramps, and fainting. To reduce the potential for heat stress, drink a glass of fluid every 15 to 20 minutes and wear loose- fitting clothing. Additionally, incorporate work-rest cycles into work routines and when possible distribute the workload evenly throughout the day.

****Temporary cooling to the work areas shall only be authorized by the owner's representative based on the actual need for the work being performed. Where the conditions allow for the operation of part or all of the ventilation systems serving the work area then the need for temporary cooling is NOT necessary. The work area should be maintained at conditions that meet OSHA requirements for health and safety.****

WORKING IN CONFINED SPACES: If you are required to work in a boiler, furnace, pipeline, pit, pumping station, septic tank, sewage digester, storage tank, utility vault, well, or similar enclosure, you should be aware of the hazards of working in confined spaces. A confined space has one or more of the following characteristics:

- a) limited openings for entry or exit;
- b) unfavorable natural ventilation; or
- c) Is not designed for continuous worker occupancy.

Toxic gases, a lack of oxygen, or explosive conditions may exist in the confined area, resulting in a potentially deadly atmosphere. Because many toxic gases and vapors cannot be seen or smelled, never trust your senses to determine if safe entry is possible. **Never** enter a confined space unless you have been properly trained, even to rescue a fellow worker! If you need to enter a confined space and do not have the proper training and equipment, contact your local fire department for assistance.

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CONTRACT IMPLEMENTATION: Contract will be awarded upon review of all bids and proposals received by SynergyNDS. Initiation of intent-to-contract with Contractor will be engaged upon email notification and signed/returned Contractor Agreement Form. Contract-in-full will occur upon SynergyNDS receipt of all required documentation including but not limited to:

- a) Performance Bond &/or Payment Bond (If Required)
- b) Certificate of General Liability Insurance
- c) Certificate of Auto Insurance
- d) Certificate of Worker's Compensation or Letter of Exemption
- e) Contractor's W-9
- f) State Licenses

Further description of insurance requirements is listed in "Insurance & Licensing Requirements." No material deposits &/or payments will be made to Contractor until all required documentation has been received.

ASSIGNMENT OF CONTRACT: Contractor shall not assign the contract or any part thereof to any person, firm, corporation or company unless such assignment is approved in writing by SynergyNDS. Such acceptance shall be at the sole discretion of the SynergyNDS upon request of the Contractor. Upon approved and executed Transfer-of-Contract-Agreement, Contractor will be responsible for the coordination and hand-off of work/trades with the newly Assigned Contractor. Failure to coordinate this work will not relieve original Contractor of their obligations and shall not constitute additional cost as governed by the Lump Sum Contract Award.

ASSIGNMENT OF CONTRACTOR: Contractor is responsible for supplying all required Personal Protective Equipment (PPE), including but not limited to the furnishing and appropriate use of: hard hat(s), safety glasses, face shields, ear plugs, gloves, boots, fall protection (where required), breathing protection (where required), tie off ropes/apparatuses/points (where required), fire extinguishers, first aid kits, etc. Contractor is required to be familiar with and follow all OSHA and State of Texas's safety requirements.

- a) Contractor is to hold daily jobsite safety meetings that review the work to be performed, the hazards involved and the methods for reducing and eliminating such hazards, as well as maintain meeting records, - including attendance lists, which shall be kept onsite and available for SynergyNDS review at all times. Contractor shall be solely liable for any and all OSHA violations associated with his/her employees.
- b) SynergyNDS reserves the right to hold weekly progress meetings for which the Subcontractor shall attend. Contractor shall be responsible for daily cleanup of the work performed herein. Failure to cleanup daily after trade will result in cleanup supplementation at Contractor's cost. Twenty-Four (24) hour notice will be given prior to supplementation. Contractor shall be responsible for delivery, loading, unloading, storage, protection, etc. of all work provided herein.

ENERGY EFFICIENCY: The Contractor shall comply with all mandatory standards and policies relating to energy efficiency which are contained in the energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub.L. 94-163) for the State in which the work under this contract is performed.

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PROCUREMENT OF RECOVERED MATERIALS: In accordance with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act, the Contractor shall procure items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition. The Contractor should procure items designated in the EPA Guidelines that contain the highest percentage of recovered materials practical unless the Contractor determines that such items:

- a) are not reasonably available in a reasonable period of time;
- b) fail to meet reasonable performance standards, which shall be determined on the basis of the guidelines of the National Institute of Standards and Technology;

FAILURE TO COMPLY: For failure to deliver in accordance with specifications, SynergyNDS may cancel the contract or any part thereof and purchase services on the open market, charging any additional cost to the Contractor. Contractor shall comply with all applicable state, federal and local codes, and pay all permits, licenses and certificates, and other fees as required by the work.

INSURANCE & LICENSING REQUIREMENTS: Before starting work, the Contractor will provide SynergyNDS proof of Worker's Compensation and Commercial and Public Liability Insurance. The Contractor must be licensed to do business in the State of Texas and SynergyNDS must be named as an additional insured on general liability insurance certificate. Contractor will need to go to www.syngerynds.com and complete the initial registration for the Managed Vendor Program (MVP). Contractor will be required to upload the following information (when applicable) prior to contract award and eligible material deposits.

- a) The Contractor will carry Worker's Compensation Insurance for all employees engaged in work at the site, in accordance with State or Territorial Worker's Compensation Laws.
- b) Commercial and Public Liability with bodily injury and property damage limits will be at a combined single limit of at least \$500,000 to protect the contractor and each subcontractor against claims for injury to or death of one or more persons.
- c) Automobile Liability on owned and non-owned motor vehicles used on the site(s), or in connection with the sites, for a combined single limit for bodily injury and property damages of not less than \$500,000.00 per occurrence.
- d) Builder's Work Insurance limit of at least \$5,000.00 per occurrence and \$10,000.00 aggregate.
- e) Professional Liability \$1,000,000 per occurrence (if applicable).

Contractor will not allow insurance coverage to lapse and will provide SynergyNDS with updated Certificates of Insurance as necessary. All policies must provide that at least thirty (30) days' notice of cancellation will be given to SynergyNDS. All Contractor employees &/or subcontractors are bound by the Insurance Requirement. Contractor is the sole responsible party for all its Employee &/or SubContractor infractions, accidents, damages and all general liability concerns that occur, whether directly or indirectly, as related to Contracted Scope-of-Work.

The certificate holder(s) must be noted as:

Synergy NDS, Inc.
1400 Sarno Rd
Melbourne, FL 32935

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FEDERAL CONTRACT REQUIREMENTS ONLY (In a Declared Event)

If stated in the IFB, the Contractor and its subcontractors must follow the provisions, as applicable, as set forth in 2 C.F.R. §200.326 Contract provisions and Appendix II to 2 C.F.R. Part 200, as amended, including but not limited to:

9.29.1 Davis-Bacon Act, as amended (40 U.S.C. §§3141-3148). When required by Federal program legislation, which includes emergency Management Preparedness Grant Program, Homeland Security Grant Program, Nonprofit Security Grant Program, Tribal Homeland Security Grant Program, Port Security Grant Program and Transit Security Grant Program, all prime construction contracts in excess of \$2,000 awarded by non-Federal entities must comply with the Davis-Bacon Act (40 U.S.C. §§3141-3144, and §§3146-3148) as supplemented by Department of Labor regulations (29 CFR Part 5, “Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction”). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. If applicable, SynergyNDS must place a current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. SynergyNDS must report all suspected or reported violations to the Federal awarding agency. When required by Federal program legislation, which includes emergency Management Preparedness Grant Program, Homeland Security Grant Program, Nonprofit Security Grant Program, Tribal Homeland Security Grant Program, Port Security Grant Program and Transit Security Grant Program (it does not apply to other FEMA grant and cooperative agreement programs, including the Public Assistance Program), the contractors must also comply with the Copeland “Anti-Kickback” Act (40 U.S.C. § 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, “Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States”). As required by the Act, each contractor or subrecipient is prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. SynergyNDS must report all suspected or reported violations to the Federal awarding agency.

1. Contractor. The contractor shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference into this contract.
2. Subcontracts. The Contractor or subcontractor shall insert in any subcontracts the clause above and such other clauses as the FEMA may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses.
3. Breach. A breach of the contract clauses above may be grounds for termination of the contract, and for debarment as a contractor and subcontractor as provided in 29 C.F.R. § 5.12.

9.29.2 Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708). Where applicable, which includes all FEMA grant and cooperative agreement programs, all contracts awarded by SynergyNDS in excess of

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\$100,000 that involve the employment of mechanics or laborers must comply with 40 U.S.C. §§ 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. §3702 of the Act, each contractor must compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

9.29.3 Rights to Inventions Made Under a Contract or Agreement. If the Federal award meets the definition of “funding agreement” under 37 CFR §401.2 (a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that “funding agreement,” the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, “Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements,” and any implementing regulations issued by the awarding agency.

9.29.4 Clean Air Act (42 U.S.C. 7401-7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387). Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. §§7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. §§1251-1387) and will report violations to FEMA and the Regional Office of the Environmental Protection Agency (EPA). The Clean Air Act (42 U.S.C. 7401-7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387), as amended—applies to Contracts and subgrants of amounts in excess of \$150,000.

9.29.5 Debarment and Suspension (Executive Orders 12549 and 12689)—A contract award (see 2 CFR 180.220) must not be made to parties listed on the governmentwide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) and 12689(3 CFR part 1989 Comp., p. 235), “Debarment and Suspension.” SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

9.29.6 Byrd Anti-Lobbying Amendment (31 U.S.C. 1352)—Contractors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non- Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award.

9.29.7 Compliance with Procurement of recovered materials as set forth in 2 CFR § 200.322. CONTRACTOR must comply with section 6002 of the Solid Waste disposal Act, as amended, by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered

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materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

OTHER FEDERAL REQUIREMENTS (In a Declared Event)

9.29.9 Americans with Disabilities Act of 1990, as amended (ADA) – The CONTRACTOR will comply with all the requirements as imposed by the ADA, the regulations of the Federal government issued thereunder, and the assurance by the CONTRACTOR pursuant thereto.

9.29.10 Disadvantaged Business Enterprise (DBE) Policy and Obligation - It is the policy of SynergyNDS that DBE's, as defined in 49 C.F.R. Part 26, as amended, shall have the opportunity to participate in the performance of contracts financed in whole or in part with SYNERGYNDS funds under this Agreement. The DBE requirements of applicable federal and state laws and regulations apply to this Agreement. SynergyNDS and its CONTRACTOR agree to ensure that DBE's have the opportunity to participate in the performance of this Agreement. In this regard, all recipients and contractors shall take all necessary and reasonable steps in accordance with 2 C.F.R. § 200.321(as set forth in detail below), applicable federal and state laws and regulations to ensure that the DBE's have the opportunity to compete for and perform contracts. SynergyNDS and the CONTRACTOR and subcontractors shall not discriminate on the basis of race, color, national origin or sex in the award and performance of contracts, entered pursuant to this Agreement. 2 C.F.R. § 200.321 CONTRACTING WITH SMALL AND MINORITY BUSINESSES, WOMEN'S BUSINESS ENTERPRISES, AND LABOR SURPLUS AREA FIRMS

- a) If the CONTRACTOR, with the funds authorized by this Agreement, seeks to subcontract goods or services, then, in accordance with 2 C.F.R. §200.321, the CONTRACTOR shall take the following affirmative steps to assure that minority businesses, women's business enterprises, and labor surplus area firms are used whenever possible.
- b) Affirmative steps must include:
 - I. Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
 - II. Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;
 - III. Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;
 - IV. Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises;
 - V. Using the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.

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VI. Requiring the Prime contractor, if subcontractor are to be let, to take the affirmative steps listed in paragraph (1) through (5) of this section.

9.30 The Contractor shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Contractor during the term of the Contract and shall expressly require any subcontractors performing work or providing services pursuant to the Contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the Contract term.

9.31 If attached, the CONTRACTOR is bound by the terms and conditions of the Federally-Funded Subaward and Grant Agreement between SYNERGYNDS and the Texas Division of Emergency Management (Division).

9.32 The CONTRACTOR shall hold the Division and SYNERGYNDS harmless against all claims of whatever nature arising out of the CONTRACTOR's performance of work under this Agreement, to the extent allowed and required by law.

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IFB – CONTRACTOR SUBMITTAL FORM

IFB Number	Scope Number	Closing Date	Closing Time	Return IFB Submittal
PR109609-012-6409	6409	4/13/2020	4:00pm EST	bids@synergynds.com

Company Name:

Address Line 1:

Address Line 2:

City:

State:

Zip Code:

Contractor Certification: ☐ DBE ☐ WBE/WOSB ☐ HUB ☐ SDVOSB/VOSB

CONTRACTOR LUMP SUM PROPOSAL:

IFB TITLE	Interior Framing	PROPOSAL:	\$
IFB TITLE	Click or tap here to enter text.	PROPOSAL:	\$
IFB TITLE	Click or tap here to enter text.	PROPOSAL:	\$
IFB TITLE	Click or tap here to enter text.	PROPOSAL:	\$

Material Deposit | ☐ Required | ☐ Requested | in the amount of \$

I, having the legal authorization to represent the "Company" (the undersigned) have read and understood all previous 1-9 pages and the subsequent Attached Exhibits in accordance to the applicable Terms & Conditions as described in the IFB Packet preceding the attached Contractor Submittal Form:

Company Contact Name (Please Print)

Company Title (Please Print)

Signature

Date

*Material Deposits &/or Advanced Payments require Contractor to complete online registration in the Managed Vendor Program (MVP). MVP has an annual \$49.99 Registration Fee to be part of the Contractor Direct Repair Program. Material Deposits &/or Advanced Payments will require a 2% Invoice Payment Discount.

INVITATION FOR BID (IFB)

PR109609 - Exhibit A

Project Summary: The Gibbs Memorial Library suffered extensive damage as a result of a fire which occurred in October of 2019. Demolition work has been completed. Majority of required mitigation work on the inside has been completed. The purpose of the invitation for bid is to solicit bids for the interior frame out of the facility. Scopes of work which are not identified below are not to be included in this bid. Other scopes of work will be bid out at a later date. This is only for the interior framing work.

Building Information:

Gibbs Memorial Library
305 E. Rusk St.
Mexia, TX 76667

Bidding Information:

Bids are to be returned to: bids@synergynds.com

This is a lump sum bid for all identified work:

Bid packets shall include the following:

- 1) Completed IFB Form.
- 2) All proposed materials to be used with manufacture warranty information (Where applicable).
- 3) Proposed timeline for project from beginning of project to completion.

Work Scope:

- Contractor shall coordinate all work with SynergyNDS.
- Drawing binder provided is only for the layout of walls.
- Interior Framing:
 - Contractor is to construct all required framing as indicated in the attached drawing binder. Once framing has been completed other trades will complete all necessary rough in items. The framing work in the east wing will not be allowed to be completed until the structural work has been completed. Estimated date for completion of structural work is April 24th.
 - All framing shall be done in accordance with specifications as identified on sheet G001.
 - Framing shall be completed with 3 5/8" 20G metal studs.
 - Studs will be set at 16" O.C.
 - Blocking shall be installed in all walls where required in order to support grab bars, partitions, and/or cabinetry.

INVITATION FOR BID (IFB)

PR109609 - Exhibit A

- There is approximately 224 LF of framing to be completed.
- All doorways shall be framed appropriately to allow for installation of interior doors as required.
- There are 3 separate sections 32" wide that are to be framed in. These sections are between different sections of existing brick walls.
- Window headers:
 - There are 6 sections of storefront windows that have been removed. The headers were burned. Any remaining header material will need to be removed. New wood headers will need to be built and installed to match the previous dimensions. Window headers are located in the east wing of the building.
 - Approximately a total of 60LF of headers to be built in place.
- Safety Expectations:
 - Contractor shall abide by all site safety requirements.
 - Contractor shall hold a Job Hazard Analysis (JHA) with workers each day prior to starting work for the day. A copy of the JHA shall be provided to the Project Manager each day.
 - Contractor and their workers are expected to utilize appropriate PPE for the task being performed each day.
 - Minimum PPE is to include but not limited to: Hard hat, safety glasses, safety shoes, gloves, etc.
 - Specialty trades may require additional PPE appropriate for the task being performed.
 - Contractor is responsible for installation of any addition signage and/or barriers as indicated for work being performed. (ex. Crane activities will require barriers to be installed for turning radius of the crane, signage for hot work activities, etc.)

Reminder Notes:

1. Contractor is responsible to validate all quantities and units of measurements specific to the scope items above. Information above is intended as a general guidance purpose only.
2. Contractor has the sole responsibility to ensure that all services and materials for bid submittal meet all codes and standards. This include that all work must be completed in order to meet all codes and standards.
3. Contractor should also consider method to stock/store materials at the jobsite in a safe and secure manner. SynergyNDS will not be responsible for lost or stolen materials, supplies, or equipment from the location.
4. Contractor is strongly encouraged to schedule a site visit of the property as necessary to support the IFB submittal.

INVITATION FOR BID (IFB)

PR109609 - Exhibit A

5. Contractor can submit request for site visit, all questions &/or concerns to the specific IFB by emailing: bids@synergynds.com

Structural Notes

REINFORCING STEEL

1.

BAR REINFORCEMENT SHALL BE ASTM A615, GRADE 60 DEFORMED BARS.

2.

BAR REINFORCEMENT THAT IS TO BE WELDED SHALL BE ASTM A706, GRADE 60.

3.

WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 AND SHALL BE LAPPED 12 INCHES MINIMUM.

4.

MINIMUM LAP SPLICES OF REINFORCING BARS SHALL BE AS SPECIFIED IN THE DRAWINGS.

5.

VERTICAL BARS IN CONCRETE WALLS SHALL BE ACCURATELY POSITIONED AT THE CENTER OF THE WALL UNLESS OTHERWISE NOTED ON PLANS.

6.

VERTICAL BARS IN MASONRY WALLS SHALL BE ACCURATELY POSITIONED AT THE CENTER OF THE WALLS UNLESS OTHERWISE NOTED ON PLANS AND SHALL BE TIED IN POSITION TOP AND BOTTOM AND AT INTERVALS NOT EXCEEDING 200 BAR DIAMETERS.

7.

REINFORCING DETAILING, BENDING, AND PLACING SHALL BE IN ACCORDANCE WITH THE CONCRETE REINFORCING STEEL INSTITUTE "MANUAL OF STANDARD PRACTICE", LATEST EDITION.

8.

REINFORCING STEEL SHALL BE PROVIDED WITH THE FOLLOWING MINIMUM CONCRETE COVER FOR CAST IN PLACE CONCRETE:

CONCRETE DEPOSITED AGAINST EARTH

3"

CONCRETE SURFACE (FORMED) EXPOSED TO EARTH OR WEATHER:

- A.

#6 THROUGH #18 BARS

2"
- B.

#5 BAR AND SMALLER

1-1/2"

CONCRETE NOT EXPOSED TO EARTH OR WEATHER:

- A.

SLABS, WALLS AND JOISTS
- #14 & #18 BARS

1 - 1/2"
- #11 BAR AND SMALLER

3/4"
- B.

BEAMS, COLUMNS
- PRIMARY REINF., TIES,STIRRUPS, SPIRALS

1-1/2"

9.

ALL REINFORCING STEEL, ANCHOR BOLTS, DOWELS, HOLDOWN ANCHORS AND INSERTS SHALL BE WELL SECURED IN POSITION WITH WIRE POSITIONERS PRIOR TO FOUNDATION INSPECTION AND BEFORE PLACING CONCRETE OR GROUT.
10.

DOWELS BETWEEN FOOTINGS AND WALLS SHALL BE THE SAME GRADE, SIZE, AND SPACING AS VERTICAL WALL REINFORCING UNLESS OTHERWISE NOTED ON PLANS.
11.

FURNISH #3 SPACER TIES AT APPROXIMATELY 2'-6" ON CENTER IN ALL BEAMS AND FOOTINGS TO SECURE REINFORCING IN PLACE.
12.

WELDING OF REINFORCING BARS SHALL CONFORM TO THE LATEST EDITION OF AWS D1.4. E80XX ELECTRODES SHALL BE USED FOR BAR TO BAR & E70XX ELECTRODES SHALL BE USED FOR REINFORCING TO STRUCTURAL STEEL.

LIGHT GAGE STEEL FRAMING

1.

THE FOLLOWING DOCUMENTS FORM A PART OF THESE NOTES TO THE EXTENT INDICATED.
- A.

SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, AMERICAN IRON AND STEEL INSTITUTE (AISI).
- B.

SPECIFICATIONS FOR METAL LATHING AND FURRING, METAL LATH/STEEL FRAMING ASSOCIATION.
2.

PERFORMANCE REQUIREMENTS: AISI SPECIFICATIONS AND STANDARDS: UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED, COMPLY WITH AISI S100, AISI S200 AISI S230 AND AWS D1.3.
3.

ACCEPTABLE MANUFACTURERS:
- A.

CEMCO; CALIFORNIA EXPANDED METAL PRODUCTS CO.
- B.

CONSOLIDATED FABRICATORS CORP.; BUILDING PRODUCTS DIVISION.
- C.

DESIGN SHAPES IN STEEL.
- D.

FORMETAL CO. INC.
4.

MATERIALS
- A.

STEEL SHEET: ASTM A 1003/A 1003M, TYPE H, METALLIC COATED, G60
- B.

STEEL STUDS: C-SHAPED, WITH FLANGE WIDTH OF NOT LESS THAN 1.625 INCHES, MINIMUM UNCOATED STEEL THICKNESS OF 0.0428 INCH AND OF DEPTHS INDICATED.
- C.

STEEL TRACK: U-SHAPED, MINIMUM UNCOATED METAL THICKNESS SAME AS STUDS OR JOISTS USED WITH TRACK, WITH FLANGE WIDTHS OF 1.25 INCHES FOR STUDS AND 1-1/2 INCHES FOR JOISTS, OF WEB DEPTHS INDICATED, UNO ON PLAN.
5.

ACCESSORIES
- A.

FABRICATE FROM THE SAME MATERIAL AND FINISH USED FOR FRAMING MEMBERS, OF MANUFACTURER'S STANDARD THICKNESS AND CONFIGURATION, UNLESS OTHERWISE INDICATED.
- B.

FASTENERS TO STEEL: HILTI LOW VELOCITY X-U POWDER ACTUATED FASTNERS ACCORDING TO ICC-ESR 2269, OR EQUIVALENT
- C.

MECHANICAL FASTENERS: ASTM C 1513, SELF-DRILLING, SELF-TAPPING, STEEL DRILL SCREWS, WITH CORROSION-RESISTANT COATING.
- D.

GALVANIZING REPAIR PAINT: ASTM A 780.
6.

EXECUTION
- A.

INSTALL FRAMING AND ACCESSORIES LEVEL, PLUMB, SQUARE, AND TRUE TO LINE, AND SECURELY FASTENED, ACCORDING TO AISI S200 AND TO MANUFACTURER'S WRITTEN INSTRUCTIONS UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED.
- B.

CUT FRAMING MEMBERS BY SAWING OR SHEARING; DO NOT TORCH CUT. FASTEN FRAMING MEMBERS BY WELDING OR SCREW FASTENING.
- C.

INSTALL TEMPORARY BRACING AND SUPPORTS TO SECURE FRAMING AND SUPPORT LOADS. MAINTAIN BRACES AND SUPPORTS IN PLACE UNTIL SUPPORTING STRUCTURE HAS BEEN COMPLETED AND PERMANENT CONNECTIONS ARE SECURED.
- D.

FASTEN HOLE-REINFORCING PLATE OVER WEB PENETRATIONS THAT EXCEED SIZE OF MANUFACTURER'S APPROVED OR STANDARD PUNCHED OPENINGS.
- E.

ERECTION TOLERANCES: INSTALL COLD-FORMED METAL FRAMING WITH A MAXIMUM VARIATION OF 1/8 INCH IN 10 FEET AND WITH INDIVIDUAL FRAMING MEMBERS NO MORE THAN PLUS OR MINUS 1/8 INCH FROM PLAN LOCATION. CUMULATIVE ERROR SHALL NOT EXCEED MINIMUM FASTENING REQUIREMENTS OF SHEATHING OR OTHER FINISHING MATERIALS.
- F.

STUDS: INSTALL CONTINUOUS TOP AND BOTTOM TRACKS SECURELY ANCHORED AT CORNERS AND ENDS. SQUARELY SEAT STUDS AGAINST WEBS OF TOP AND BOTTOM TRACKS. SPACE STUDS AS INDICATED; SET PLUMB, ALIGN, AND FASTEN BOTH FLANGES OF STUDS TO TOP AND BOTTOM TRACKS.
- G.

INSTALL AND FASTEN HORIZONTAL BRIDGING IN STUD SYSTEM, SPACED IN ROWS NOT MORE THAN 48 INCHES APART.
- H.

INSTALL MISCELLANEOUS FRAMING AND CONNECTIONS TO PROVIDE A COMPLETE AND STABLE WALL-FRAMING SYSTEM.

STRUCTURAL STEEL

1.

ALL STRUCTURAL STEEL SHALL BE DESIGNED, DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH AISC 360, "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS" AND "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES (LATEST EDITION AND SUPPLEMENTS).
2.

STRUCTURAL STEEL SHALL CONFORM TO THE ASTM DESIGNATION A992 GRADE 50 EXCEPT CHANNELS, PLATES AND ANGLES SHALL CONFORM TO ASTM A36, Fy = 36 KSI, UNO.
3.

BOLTS SHALL CONFORM TO ASTM A325N, EXCEPT ANCHOR BOLTS WHICH SHALL CONFORM TO ASTM A1554 GRADE 36, UNLESS NOTED OTHERWISE.
4.

PRETENSION BOLTS BY THE TURN OF THE NUT, CALIBRATED WRENCH, DIRECT TENSION INDICATOR METHOD OR TWISTOFF BOLTS CONFORMING TO ASTM F1852. ALTERNATE FASTENER DESIGNS AS DEFINED BY AISC SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND ACCEPTABILITY PRIOR TO INSTALLATION. ALL FAYING SURFACES OF BOLTED JOINTS SHALL BE CLEAN FROM MILL SCALE OR PREPARED AS CLASS A OR BETTER SLIP-CRITICAL JOINT.
5.

PROVIDE HARDENED WASHERS BENEATH TURNED ELEMENT OF ALL BOLTS OR NUTS. USE HARDENED BEVELED WASHERS, TO COMPENSATE FOR THE LACK OF PARALLELISM, WHERE THE OUTER FACE OF THE BOLTED PARTS HAS A SLOPE GREATER THAN ONE IN TWENTY WITH RESPECT TO THE PLANE NORMAL TO THE BOLT AXIS. AT OVERSIZED HOLES, HARDENED WASHERS OR PLATES SHALL CONFORM WITH ASTM F-436 AND SHALL COMPLETELY COVER THE SLOT AFTER INSTALLATION.
6.

BOLTS, NUTS AND WASHERS SHALL NOT BE REUSED.
7.

THE STRUCTURAL STEEL FABRICATOR SHALL FURNISH SHOP DRAWINGS OF ALL STRUCTURAL STEEL FOR REVIEW AND APPROVAL BY THE PROJECT ENGINEER PRIOR TO FABRICATION.
8.

BOLT HOLES IN STEEL SHALL BE 1/16 INCH LARGER THAN NOMINAL SIZE OF BOLT USED, EXCEPT ANCHOR BOLT HOLES.
9.

PROVIDE WASHERS UNDER ALL NUT AND BOLT HEADS. NUTS SHALL BE IN ACCORDANCE WITH ASTM A563, HEAVY-HEX CARBON STEEL. WASHERS SHALL BE IN ACCORDANCE WITH ASTM F436, TYPE 1, HARDENED CARBON STEEL.
10.

WELDING SHALL CONFORM TO THE AMERICAN WELDING SOCIETY STANDARD D1.1. ELECTRODES FOR SHOP AND FIELD WELDS SHALL CONFORM TO AWS A5.1 OR AWS A5.5, CLASS E70XX, LOW HYDROGEN. E60XX MAY BE USED FOR WELDING STEEL ROOF DECKS.
11.

ALL WELDING AND CUTTING SHALL BE PERFORMED BY AWS CERTIFIED WELDERS.
12.

ALL INTERSECTING STEEL SHAPES WHICH ARE NOT BOLTED SHALL BE CONNECTED BY A FILLET WELD ALL AROUND, UNO. WHERE FILLET WELD SIZES ARE NOT SHOWN, THEY SHALL BE 1/8" LESS THAN THE THINNEST OF THE CONNECTED PARTS FOR THICKNESSES 1/4" AND LARGER. FILLET WELDS ON PLATES LESS THAN 1/4" SHALL BE OF THE SAME SIZE AS THE THINNEST OF THE CONNECTED PART.
13.

DO NOT WELD ANCHOR BOLTS, INCLUDING "TACK" WELDS.
14.

HEADED STUD ANCHORS (HSA) WELDING AND DEFORMED BAR ANCHOR WELDING SHALL CONFORM TO THE MANUFACTURER'S SPECIFICATIONS.
15.

PRIME STRUCTURAL STEEL WITH FABRICATOR'S STANDARD LEAD- AND CHROMATE-FREE, NON-ASPHALTIC, RUST-INHIBITING PRIMER COMPLYING WITH MPI#79 AND COMPATIBLE WITH TOPCOAT.
16.

SURFACE PREP FOR SHOP PRIMING SHALL BE IN ACCORDANCE WITH SSPC-SP2 OR SSPC-SP3. SHOP PRIME STEEL TO A DRY FILM THINCKNESS OF AT LEAST 1.5 MILS. DO NOT PRIME SURFACES TO BE EMBEDDED IN CONCRETE OR MORTAR OR TO BE FIELD WELDED.
17.

PAINT ALL NEW STEEL MEMBERS AND FASTENERS WITH LIKE-KIND PAINT AS THE EXISTING STEEL.
18.

DO NOT USE THERMAL CUTTING DURING FIELD ERECTION AND INSTALLATION.
19.

FULL PENETRATION WELDS (PER ANSI/AWS D1.1):
- A.

TACK WELD QUALITY COMPLY W/ SECTION 3.3.7.
- B.

ARC STRIKES, GOUGES, CRACKS, GROOVES, NOTCHES AND OTHER IMPERFECTIONS WITHIN OR ADJACENT TO THE JOINT, SHALL BE REPAIRED OR REMOVED.
- C.

USE WELD TABS AT BEAM FLANGE CONNECTIONS; AFTER WELDING, REMOVE THE WELD TABS AND FINISH TO A SMOOTH CONTOUR PER SECTION 3.12.3.
- D.

THE FLANGE GROOVE WELD DETAIL SHALL BE SUCH THAT THE ROOT OF THE WELD IS LOCATED ON THE TRUSS WEB SIDE OF THE JOINT. FOLLOWING BACK-GOUGING AND BACK-WELDING OF THE GROOVE WELD ROOT, A 1/8 INCH REINFORCING FILLET WELD SHALL BE PLACED ON THE INSIDE PORTION OF THE FLANGE WELD, AT THE GROOVE ROOT. IN THE AREA OF THE FLANGE DIRECTLY ABOVE AND BELOW THE BEAM WEB, BACK-GOUGING AND BACK-WELDING OF THE WELD ROOT IS NOT REQUIRED. BACKING IS NOT REQUIRED IN THE VICINITY OF THE WEB.
- E.

WELD ACROSS HOLES ARE NOT PERMITTED.
- F.

USE ELECTRODES WITH CHARPY CVN EQUAL TO OR GREATER THAN 20 FT-LBS AT MINUS 20 DEGREES FAHRENHEIT AND 40 FT-LBS AT 70 DEGREES FAHRENHEIT.
- G.

THE CONTRACTOR SHALL SUBMIT ALL WELDING PROCEDURE SPECIFICATIONS (WPS) TO BE USED BY THE CONTRACTOR ON THE PROJECT. FOR WPS'S THAT ARE NOT PREQUALIFIED PER AWS D1.1, THE SUPPORTING PROCEDURE QUALIFICATION RECORD (PQR) SHALL ALSO BE SUBMITTED WITH THE WPS. THE CONTRACTOR SHALL ALSO SUBMIT THE MANUFACTURER'S PRODUCT DATA SHEETS FOR ALL WELDING MATERIAL TO BE USED. THE DATA SHEETS SHALL DESCRIBE THE PRODUCT, LIMITATIONS OF USE, RECOMMENDED WELDING PARAMETERS AND STORAGE AND EXPOSURE REQUIREMENTS. SEE FEMA-353 1.4.7.2 FOR A LIST OF INFORMATION TO BE INCLUDED IN THE WPS.
- H.

THE CONTRACTOR SHALL SUBMIT WELDING PERFORMANCE QUALIFICATION RECORDS (WPQR) FOR ALL WELDERS ON THE PROJECT. ALL WELDER QUALIFICATION TESTING SHALL BE IN ACCORDANCE WITH AWS D1.1.
- I.

ALL WPS FORMS SHALL BE MADE READILY AVAILABLE TO AND REVIEWED BY ALL WELDERS AND INSPECTORS.
19.

NON-SHRINK, NON-METALLIC GROUT W/ A 28-DAY STRENGTH OF 5000 PSI SHALL BE USED UNDER BASE PLATES AND SHALL CONFORM TO CORPS OF ENGINEERS CRD-C621.

NON-SHRINK GROUT

1.

NON-SHRINK GROUT SHALL MEET ASTM C1107, NON-METALLIC, SHRINKAGE RESISTANT AND FACTORY PACKAGED. SIKA GROUT 212 OR APPROVED EQUAL.
2.

ROUGHEN CONCRETE SURFACE TO CSP4 OR HIGHER PROFILE.
3.

CLEAN EXISTING CONCRETE SURFACE TO RECEIVE NON-SHRINK GROUT OF ALL LOOSE MATERIAL, DIRT, GREASE AND OTHE BOND INHIBITING MATERIALS.
4.

SURFACE SHALL BE WETTED TO A SATURATED-DRY CONDITION BEFORE PLACING GROUT.
5.

PLACE GROUT TO AVOID AIR ENTRAPMENT BY VIBRATING, PUMPING OR RAMMING GROUT AS NECESSARY.

SHOT PINS - POWDER DRIVEN FASTENERS

1.

MATERIALS:
- SHOTPINS

HILTI 'X-U' (UNO) ICC-ESR-2269
- SHANK DIAMETER

0.157 INCHES

2.

INSTALLATION INTO STEEL
- EMBED (IN)

EDGE MIN (IN)

SPACING MIN (IN)
- SEE NOTE 3

1/2

1
3.

FASTENERS SHALL BE DRIVEN TO A PENETRATION WHERE THE SHANK PIERCES THROUGH STEEL BASE MATERIAL, UNLESS USING 3/4 INCH OR GREATER STEEL THICKNESS PROVIDE 1/2 INCH PENETRATION.
4.

QUALIFICATION FOR USE OF ALL POWDER ACTUATED TOOLS SHALL MEET ANSI A10.3 STANDARD AS REQUIRED BY THE MANUFACTURER AND SHALL MEET OSHA REQUIREMENTS.

STEEL DECKING

1.

COMPLY WITH STEEL DECKING INSTITUTE (SDI) PUBLICATION NO. 31.
2.

STEEL DECKING SHALL BE PRIME-PAINTED STEEL SHEET PER ASTM A 1008 GRADE 33 MINIMUM, SHOP PRIMED.
3.

STEEL DECKING SHALL BE VERCO PLB-36, 20 GA OR EQUIVALENT.
4.

ALL DECK SHALL BE 3-SPAN CONTINUOUS MINIMUM. IN AREAS WHERE 3-SPAN CONDITIONS ARE NOT POSSIBLE, THE CONTRACTOR SHALL PROVIDE HEAVIER GAUGE DECK AS REQUIRED TO PROVIDE THE EQUIVALENT LOADING OF THE DECK UNDER A THREE SPAN CONDITION.
5.

MINIMUM BEARING OF STEEL DECK ON SUPPORTS SHALL BE 2 INCHES.
6.

STEEL ROOF DECK SHALL NOT BE USED TO SUPPORT LOADS FROM PLUMBING, HVAC DUCTS, LIGHT FIXTURES, ARCH ELEMENTS, OR EQUIPMENT OF ANY KIND, UNO.
7.

FABRICATE STEEL ROOF DECK PANELS FROM PRIME-PAINTED STEEL SHEET WITHOUT TOP-FLANGE STIFFENING GROOVES, COMPLY WITH DECK PROFILE TYPE IR, INTERMEDIATE RIB, AND DEPTH AS STATED ON THE DRAWINGS.
8.

DESIGN UNCOATED-STEEL THICKNESS/GAGE SHALL BE AS SHOWN ON THE DRAWINGS.
9.

PLACE, ADJUST, ALIGN AND BEAR DECK PANELS ON STRUCTURAL FRAMING. DO NOT STRETCH OR CONTRACT SIDE-LAP INTERLOCKS. PROVIDE MECHANICAL SIDE LAP FASTENERS, #10 SCREWS OR EQUAL, AT 12-INCHES ON CENTER.
10.

PLACE DECK PANELS FLAT AND SQUARE AND WELD TO STRUCTURE WITHOUT WARP OR DEFLECTIONS. WELD DECK PANELS TO ALL FRAMING WITH 5/8-INCH DIAMETER PUDDLE WELDS IN EVERY RIB IN A 36/7 PATTERN AS A MINIMUM, OR AS SHOWN ON THE DRAWINGS. FILLER METAL FOR WELDING STEEL DECK SHALL BE E6022 ELECTRODES. USE WELD WASHERS WHERE THE THICKNESS OF THE DECK IS LESS THAN 0.028-INCHES.
11.

CUT, REINFORCE, AND FIT DECK PANELS AND ACCESSORIES AROUND OPENING AND PROJECTIONS. SEE TYPICAL DETAILS FOR FRAMING REQUIREMENTS AT DECK OPENINGS.
12.

INSTALL SUMP PAN, SUMP PLATE, RIDGE, AND VALLEY PLATES, FINISH STRIPS, COVER PLATES, END CLOSURES, AND REINFORCING CHANNELS AS REQUIRED OR AS INDICATED. WELD TO SUBSTRATE.
13.

WIRE BRUSH, CLEAN AND PAINT SCARRED AREAS, WELDS AND RUST SPOTS ON BOTH SURFACES OF PAINTED DECK PANELS.
14.

PROVIDE FINISH WITH LIKE-KIND PAINT AS EXISTING STEEL DECK.

SPECIAL INSPECTION AND TESTING (IBC CHAPTER 17)

NOTICE TO THE CONTRACTOR/BUILDER/INSTALLER/SUB-CONTRACTOR/OWNER-BUILDER: BY USING THESE PERMITTED CONSTRUCTION DRAWINGS FOR CONSTRUCTION/INSTALLATION OF THE WORK SPECIFIED HEREIN, YOU ACKNOWLEDGE AND ARE AWARE OF, THE REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS. YOU AGREE TO COMPLY WITH THE REQUIREMENTS OF CITY OF MEXIA FOR SPECIAL INSPECTIONS, STRUCTURAL OBSERVATIONS, CONSTRUCTION MATERIAL TESTING AND OFF-SITE FABRICATION OF BUILDING COMPONENTS, CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS AND, AS REQUIRED BY THE LOCAL CONSTRUCTION CODES.

1.

SPECIAL INSPECTIONS AND TESTING SHALL MEET THE REQUIREMENTS OF IBC SECTION 1704, 1705, 1707 AND 1708.
2.

SPECIAL INSPECTORS SHALL:
- A.

BE EMPLOYED BY THE OWNER OR THE OWNER'S AUTHORIZED AGENT PER IBC SECTION 1704.2.
- B.

BE CERTIFIED BY THE CITY OF MEXIA DEVELOPMENT SERVICES DEPT. TO PERFORM THE TYPES OF INSPECTIONS SPECIFIED.
- C.

PREPARE REPORTS THAT SHALL BE SIGNED BY A MICHIGAN REGISTERED PROFESSIONAL ENGINEER.
- D.

OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH APPROVED DRAWINGS AND SPECIFICATIONS.
- E.

FURNISH INSPECTION REPORTS TO THE ENGINEER AND BUILDING DEPARTMENT. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION; THEN, IF NOT CORRECTED, TO THE ENGINEER AND BUILDING DEPARTMENT PER IBC SECTION 1704.2.4.
- F.

SUBMIT TO THE ENGINEER AND BUILDING DEPARTMENT (FIELD INSPECTION DIVISION) A CERTIFICATE OF SATISFACTORY COMPLETION OF WORK REQUIRING SPECIAL INSPECTION, SIGNED BY A MICHIGAN REGISTERED PROFESSIONAL ENGINEER, STATING THAT THE WORK WAS IN CONFORMANCE WITH THE APPROVED DRAWINGS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE IBC.
3.

SUMMARY OF CONTINUOUS AND PERIODIC INSPECTIONS:
- A.

CONSTRUCTION INSPECTIONS LISTED ARE IN ADDITION TO THE CALLED INSPECTIONS REQUIRED BY IBC SECTION 110. SPECIAL INSPECTION IS NOT A SUBSTITUTE FOR INSPECTION BY THE CITY OF MELVINDALE BUILDING INSPECTOR. SPECIALLY INSPECTED WORK WHICH IS INSTALLED OR COVERED WITHOUT THE APPROVAL OF THE BUILDING OFFICIAL IS SUBJECT TO REMOVAL OR EXPOSURE.
- B.

CONTINUOUS INSPECTION IS REQUIRED DURING THE PERFORMANCE OF THE WORK UNLESS OTHERWISE SPECIFIED.
- C.

PERIODIC INSPECTION IS REQUIRED FOR PERFORMANCE OF THE CONCRETE, STRUCTURAL STEEL AND STEEL DECKING WORK.
- D.

MASONRY CONSTRUCTION SHALL BE INSPECTED PER LEVEL B QUALITY ASSURANCE LEVEL ACCORDING TO ACI 530-13/ ASCE 5-13.
4.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM THE SPECIAL INSPECTOR OR INSPECTION AGENCY AT LEAST ONE WORKING DAY BEFORE PERFORMING ANY WORK THAT REQUIRES SPECIAL INSPECTION.
5.

OFF-SITE FABRICATION:
- A.

FABRICATOR SHALL SUBMIT APPLICATION TO THE BUILDING OFFICIAL (FIELD INSPECTION DIVISION) FOR APPROVAL PRIOR TO FABRICATION.
- B.

FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE FOR OFF-SITE FABRICATION TO THE BUILDING OFFICIAL (FIELD INSPECTION DIVISION) PRIOR TO ERECTION OF PREFABRICATED COMPONENTS.

R

RIMKUS

BUILDING CONSULTANTS

1431 Greenway Drive

Suite 900

Irving, Texas 75038

Tel: (866) 299-3370

Cert. of Auth. No. 18590

CONSULTANTS:

DATE

ISSUE

3/13/2020

FOR PERMIT

CLIENT:

SYNERGY

NDS INC.

1400 SARNO ROAD

MELBOURNE, FL 32935

PROJECT:

GIBBS MEMORIAL

LIBRARY

305 E. RUSK STREET

MEXIA, TX 76667

ISSUE SET:

BID SET

SEAL:

STATE OF TEXAS

ROBERT J. DINJAR

121702

LICENSED PROFESSIONAL ENGINEER

3/13/2020

DRAWING TITLE:

STRUCTURAL

NOTES

DRAWN BY:

KEB

REVIEWED BY:

RJD

JOB #:

100024944

SCALE:

AS NOTED

DATE:

3/13/2020

PAGE:

S001

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LIBRARY**
305 E. RUSK STREET
MEXIA, TX 76667

ISSUE SET:
BID SET

SEAL:

DRAWING TITLE:

**FLOOR
PLAN**

DRAWN BY: GGC REVIEWED BY: CJP

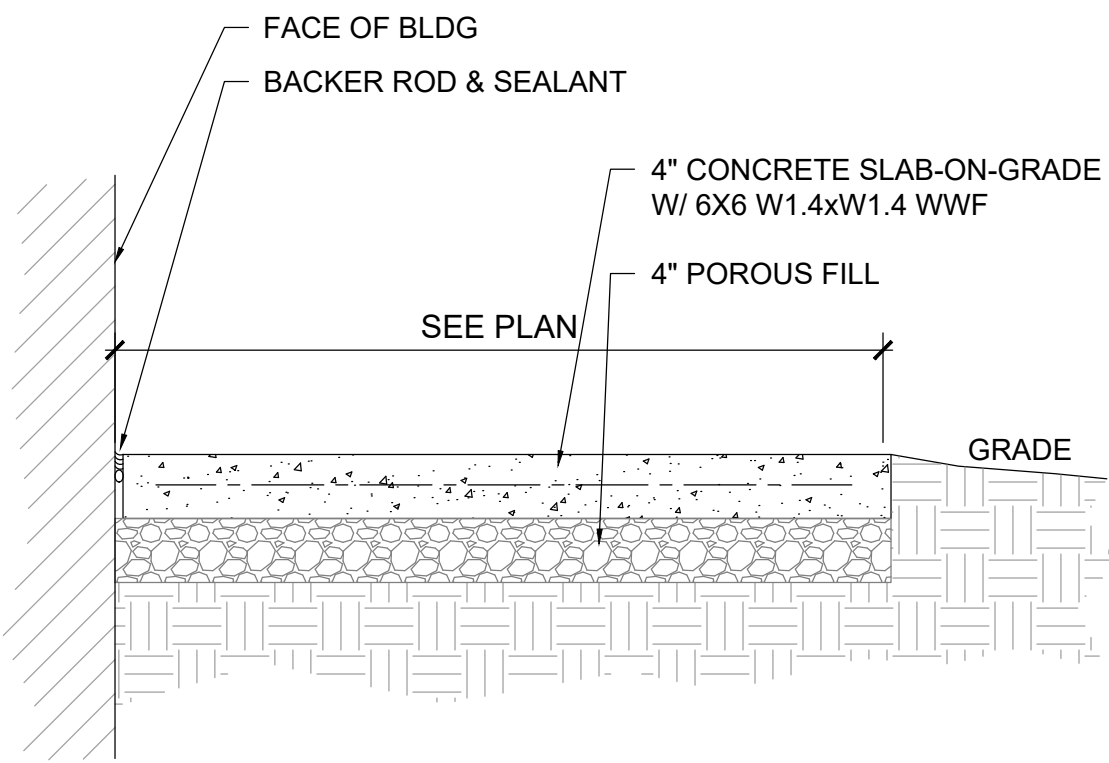
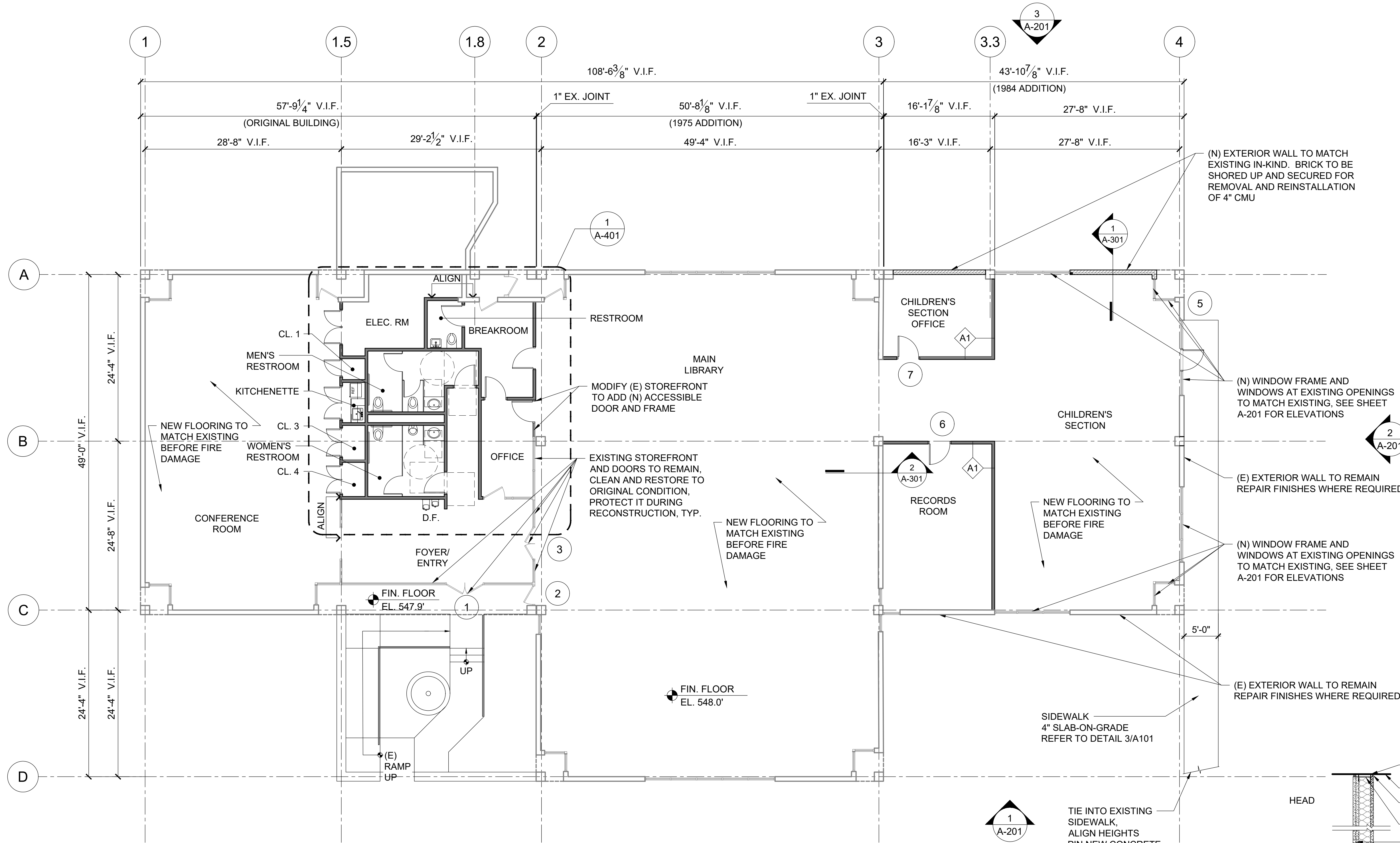
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SCALE: AS NOTED

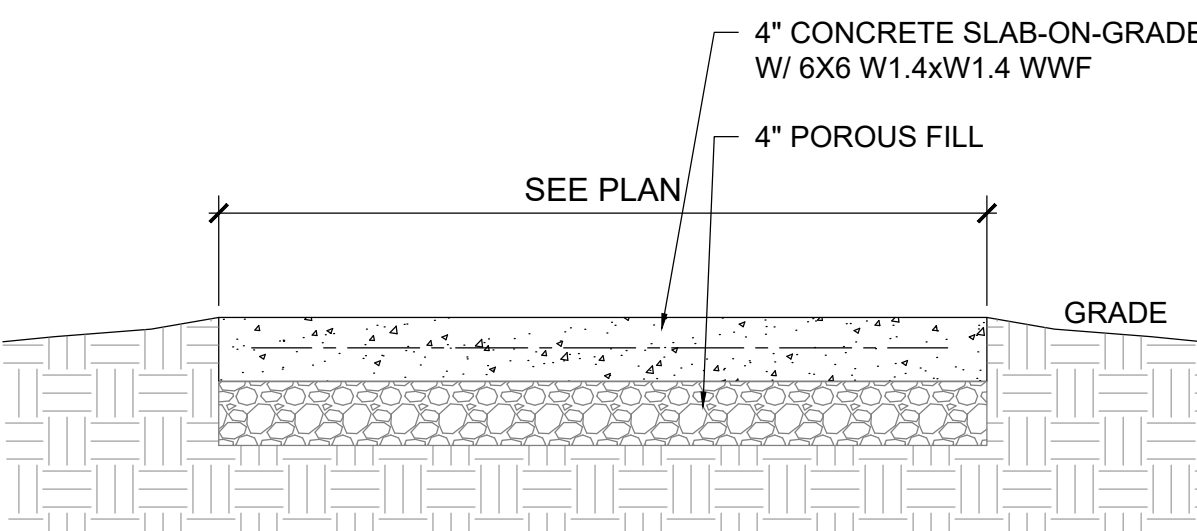
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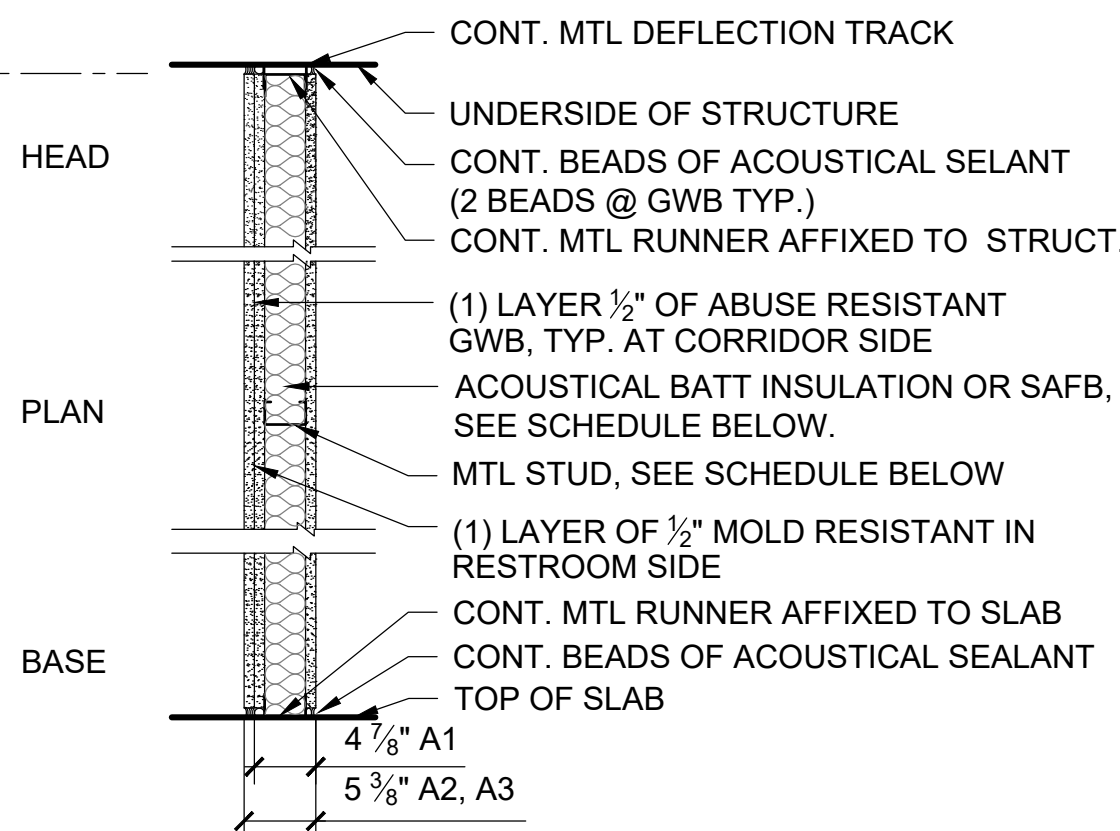
A101



2 SIDEWALK SECTION AT BUILDING
SCALE: 1"=1'-0"



3 TYPICAL SIDEWALK SECTION
SCALE: 1"=1'-0"



PARTITION TYPE	STUD TYPE	GAUGE TYPE	STUD SPACING	LIMIT HT (L/240) 5 psf	FIRE RATING	DESIGN NO.	INSUL THK	STC RATING	REMARKS
A1	3 5/8"	20	16" O.C.	16'-5"	1 HR	UL419	3 1/2"	49	
A2	3 5/8"	20	16" O.C.	16'-5"	1 HR	UL419	3 1/2"	49	1 EXTRA LAYER OF ABUSE RESISTANT GWB AT CORRIDORS
A3	3 5/8"	20	16" O.C.	16'-5"	1 HR	UL419	3 1/2"	49	1 EXTRA LAYER MOLD RESISTANT GWB IN RESTROOMS

A PARTITION TYPES
SCALE 1"=1'-0"

1 GROUND FLOOR
SCALE: 1/8"=1'-0"

NOTE:
ALL ROOM FINISHES (FLOOR, BASE & WALL) TO BE RESTORED IN-KIND TO MATCH PRE-FIRE FINISHES.

DOOR SCHEDULE									
DOOR				FRAME		DETAILS			REMARKS
NUMBER	SIZE	MATERIAL	ELEV	MATERIAL	ELEV	HEAD	SILL	JAMB	
1	X-PR 2'-8"x6'-8"	AL		AL					(E) DOOR & FRAME TO REMAIN
2	X-2'-8"x6'-8"	AL		AL					(E) DOOR & FRAME TO REMAIN
3	X-PR 2'-8"x6'-8"	AL		AL					(E) DOOR & FRAME TO REMAIN
4	X-2'-8"x6'-8"	AL		AL					(E) DOOR & FRAME TO REMAIN
5	3'-0"x6'-8"	AL	FG	AL	F2	4/A401	6/A401	5/A401	PROVIDE WITH PANIC HARDWARE & CLOSER
6	3'-0"x6'-8"	WD	V	HM	F1				PROVIDE ADA COMPLIANT HARDWARE & CLOSER
7	3'-0"x6'-8"	WD	V	HM	F1				PROVIDE ADA COMPLIANT HARDWARE & CLOSER
8	X-2'-8"x6'-8"	AL		AL					(E) DOOR & FRAME TO REMAIN
9	X-2'-8"x6'-8"	AL		AL					(E) DOOR & FRAME TO REMAIN
10	X-2'-8"x6'-8"	AL		AL					(E) DOOR & FRAME TO REMAIN
11	X-2'-8"x6'-8"	AL		AL					(E) DOOR & FRAME TO REMAIN
12	PR 2'-6"x6'-8"	WD	F	HM	F1				PROVIDE ADA COMPLIANT HARDWARE & CLOSER
13	2'-4"x6'-8"	WD	F	HM	F1				PROVIDE ADA COMPLIANT HARDWARE & CLOSER
14	PR 2'-6"x6'-8"	WD	F	HM	F1				PROVIDE ADA COMPLIANT HARDWARE & CLOSER
15	PR 2'-0"x6'-8"	WD	F	MH	F1				PROVIDE ADA COMPLIANT HARDWARE & CLOSER
16	PR 2'-0"x6'-8"	WD	F	HM	F1				PROVIDE ADA COMPLIANT HARDWARE & CLOSER
17	3'-0"x6'-8"	WD	F	HM	F1				PROVIDE ADA COMPLIANT HARDWARE & CLOSER
18	3'-0"x6'-8"	WD	F	HM	F1				PROVIDE ADA COMPLIANT HARDWARE & CLOSER
19	3'-0"x6'-8"	WD	F	HM	F1				PROVIDE ADA COMPLIANT HARDWARE & CLOSER
20	3'-0"x6'-8"	WD	HG	HM	F1				PROVIDE ADA COMPLIANT HARDWARE & CLOSER
21	3'-0"x6'-8"	WD	HG	HM	F1				PROVIDE ADA COMPLIANT HARDWARE & CLOSER
22	3'-0"x6'-8"	WD	HG	HM	F1				PROVIDE ADA COMPLIANT HARDWARE & CLOSER

