

IFB Number	Scope Number	Closing Date	Closing Tim	<u>1e</u>	Return IFB Sul	<u>omittal</u>	
GC2018092542-8106	6238	5/08/2020	4:00pm ES	ST k	oids@synergyr	nds.com	
IFB Reference Informatio	n: Roof Installati	on					
Insured Property Owne	er: City of Callawa	City of Callaway					
Property Location Nam	e: Ellie Fox Stora	Ellie Fox Storage Building and Old School Museum					
Address Line	1: 522 Beulah Av	e.					
Address Line 2: Enter Text He		e					
Cit	y: Callaway		State:	Florida	Zip Code:	32404	

**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 FMIT TurnKey Recovery Program<sup>™</sup> administered by Synergy NDS, Inc. (SynergyNDS) on behalf of the Insured Property Owner, a Member of the Florida Municipal Insurance Trust (FMIT).

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

- 1. 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.
- 2. Bid shall be completed and submitted using **ONLY** the <u>Contractor Submittal Form</u> (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: <u>bids@synergynds.com</u>.
- 4. 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).
- 5. 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.
- 6. 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 FMIT Insured Member.

- 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 <u>bids@synergynds.com</u>.
- 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: <u>bids@synergynds.com</u>.

#### **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 Florida 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.
- 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@synergynds.com any request or need for additional 3<sup>rd</sup> 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.
- 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

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-or-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@synergynds.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.

**PAYMENT**: Project is managed by SynergyNDS, Inc., under the FMIT 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 & FMIT, 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 FMIT. 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 repellant, 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.

**<u>CONTRACT IMPLEMENTATION</u>**: 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 Florida'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.

**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 Florida and SynergyNDS must be named as an additional insured on general liability insurance certificate. Contractor will need to go to <u>www.syngerynds.com</u> 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 3293

#### 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 funds that takes place in connection with obtaining any Federal funds that takes place in 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 FMIT TURNKEY RECOVERY<sup>SM</sup> PROGRAM 2020 | SYNERGYNDS, INC | 888.580.7080 Page 10

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.

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 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 Florida 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.

#### **\*\* THE REMAINING PART OF THIS PAGE IS INTENTIONALLY LEFT BLANK \*\***

IFB -	- CONTRA	CTOR SUB		FORM		
IFB Number GC2018092542-8106	Scope Number 6238	Closing Date 5/08/2020	Closing Time 4:00pm EST	Return IFB Submittal bids@synergynds.com		
Company Name:						
Address Line 1:						
Address Line 2:						
City:						
State:			Zip Code	2:		
Contractor Certi	Contractor Certification: DBE WBE/WOSB HUB SDVOSB/VOSB					
IFB TITLE Roof Installation	n - 007016		PROPOSAL:	\$		
IFB TITLE Option for R&R	existing roof on adja	cent building - 0070	016 PROPOSAL:	\$		
IFB Roof Installation	- 007002			\$		
IFB Click or tap here	e 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) GC2018092542-007005-Exhibit A

**Project Summary:** The City of Callaway had a storage building which was a total loss and an Old School Museum as a result of Hurricane Michael. The Invitation for Bid is for the replacement of the roofing material. All roof decking has been installed by others. This is a multi-part bid as listed below. Project is anticipated to begin mid-May 2020. Contractor shall at minimum be able to install underlayment as described below within 48hrs of notification.

#### **Bidding Information:**

Bids are to be returned to: bids@synergynds.com Bid 1: Old School Museum - 007002 Bid 2: Storage Building - 007016 2 line items to bid for this location. See bid form.

Contractor shall bid items according to the respective line items on the bid sheet located on page 13.

#### **Request for Information:**

Questions or requests for information can be obtained by emailing bids@synergynds.com

#### Location:

Old School Museum & Storage Building (Buildings are adjacent to each other) 522 Beulah Ave. Callaway, FL 32404

#### Work Scope:

- Contractor shall coordinate all work with SynergyNDS.
- > Drawings have been provided for bid purposes only. Contractor shall verify all measurements prior to ordering of material.
- All shell construction (007016) and all building stabilization and plumbing of walls (007002) will be completed prior to the start of the roofing work scope.
- All construction materials must meet the requirements of the attached engineering plans and/or those required by local ordinances & laws; whichever is the more stringent.
- Contractor shall install high temperature, peel & stick, ice & water shield over the entire field.
- Contractor shall install all drip edge around perimeter of the building and shall tie into the existing building.
- > Contractor shall install all required boots and/or flashing for any roof penetrations.
- Roofing panels shall match per included specification.

# INVITATION FOR BID (IFB) GC2018092542-007005-Exhibit A

- Contractor shall take into account any required battens to be installed on the roof to ensure that panels are properly secured per code.
- Gutters and downspouts shall be included for location #007016
- Work shall include all required fascia metal, drip edge, and any required items for finished trim around edge of the building.
- > Contractor shall see included specifications. The specifications apply to both buildings.
  - Specifications for underlayment listed within this section shall be utilized as opposed to underlayment specified in drawing binders.
- General Notes:
  - Florida Product Approval Sheets for all products is required to be provided with bid.
  - All warranty information for proposed materials shall be provided at time of contract award prior to release of any funds. (Where applicable).
  - Contractor shall keep the site clean and tidy at all times.
  - Dumpsters will be provided on site by SynergyNDS.

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

#### SECTION 07 41 00 - METAL ROOF PANELS

#### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. This Section includes the following:
  - 1. Formed prefinished aluminum 5V Crimp roof panels for machine seaming during installation.
  - 2. Gutters and downspouts of type and profile indicated.
- B. This section also includes the following roof and fascia related work:
  - 1. Fascia and miscellaneous trim
  - 2. Gutters and downspouts.
  - 3. Membrane underlayments.
  - 4. Panel supports, steel framing, and anchorage.
  - 5. Isocyanurate insulation board.
- C. Related Sections include the following:
  - 1. Division 7 Section "Joint Sealants" for field-applied sealants.
  - 2. Division 6 Section "Rough Carpentry" for nailers and blocking.

#### 1.3 PERFORMANCE REQUIREMENTS

- A. General: Provide manufactured roof panel assemblies complying with performance requirements indicated and capable of withstanding structural movement, thermally induced movement, and exposure to weather without failure or infiltration of water into the building interior.
- B. Water Penetration: Provide manufactured roof panel assemblies with no water penetration as defined in the test method when tested according to ASTM E 1646 at a minimum differential pressure of 20 percent of inward acting, wind-load design pressure of not less than 6.24 lb/sq. ft. (300 Pa) and not more than 12.0 lb/sq. ft. (575 Pa).
- C. Wind-Uplift Resistance: Provide roof panel assemblies that meet requirements of UL 580 for 135 wind-uplift resistance, when calculated using ASCE 7-10, Risk Category II.
- D. Structural Performance: Provide manufactured roof panel assemblies capable of safely supporting design loads indicated under in-service conditions with vertical deflection no greater than the following, based on testing manufacturer's standard units according to ASTM E 1592 by a qualified independent testing and inspecting agency.

METAL ROOF PANELS

1. Maximum Deflection: 1/140 of the span.

#### 1.4 SUBMITTALS

- A. Product Data: Include manufacturer's product specifications, standard details, certified product test results, and general recommendations, as applicable to materials and finishes for each component and for total panel assemblies.
- B. Shop Drawings: Show layouts of panels on roofs, details of edge conditions, joints, panel profiles, supports, anchorages, trim, flashings, underlayment, closures, and special details. Show expansion joint details, valley, ridge and eave details. Waterproof connections to adjoining work and at obstruction and penetration. Distinguish between factory and field assembled work.
  - 1. For installed products indicated to comply with certain design loadings, include structural analysis data signed and sealed by the qualified professional engineer registered in the State of Florida, responsible for their preparation. In addition, shop drawings for walkway canopies shall be signed, sealed, and dated by the professional engineer who issues them.
- C. Samples for Verification: Provide sample panels 12 inches (300 mm) long by actual panel width, in the profile, style, color, and texture indicated. Include clips, caps, fasteners, closures, and other exposed panel accessories.
- D. Certification: Submit written certification prepared and signed by a professional engineer, registered to practice in the state of Florida, verifying that plywood substrate decking and roof panels and fastening system design meet indicated loading requirements and codes of authorities having jurisdiction. See <u>Required Performance</u> under 1.3 this section.
- E. Product Test Reports: Indicate compliance of manufactured roof panel assemblies and materials with performance and other requirements based on comprehensive testing of current products.

#### 1.5 QUALITY ASSURANCE

- A. Installer Qualifications: Engage an experienced installer who has completed metal roof panel projects similar in material, design, and extent to that indicated for this Project and with a record of successful in-service performance.
- B. Professional Engineer Qualifications: A professional engineer who is legally qualified to practice in the jurisdiction where the Project is located and who is experienced in providing engineering services of the kind indicated.
- C. Testing Agency Qualifications: An independent testing agency with the experience and capability to conduct the testing indicated without delaying the Work, as documented according to ASTM E 699.

- D. Fire-Test-Response Characteristics: Where fire-resistance-rated roof panel assemblies are indicated, provide materials and construction identical to those of assemblies tested for fire resistance per ASTM E 119 by an independent testing and inspecting agency acceptable to authorities having jurisdiction.
- E. Industry Standard: Unless otherwise shown or specified, comply with the Sheet Metal and Air Conditioning Contractors National Association's (SMACNA) "Architectural Sheet Metal Manual." Conform to dimensions and profiles shown.
- F. Mockups: Before installing metal roof and fascia panels construct mockup of construction and finish required to verify selections made under Sample submittals and to demonstrate aesthetic effects and qualities of materials and execution. Build mockups to comply with the following requirements, using exposed and concealed materials and forming methods indicated for completed work.
  - 1. Locate mockups in the location and of the size indicated or, if not indicated, as directed by Architect.
  - 2. Notify Architect seven days in advance of the dates and times when mockups will be constructed.
  - 3. Demonstrate the proposed range of aesthetic effects and workmanship.
  - 4. Obtain Architect's approval of mockups before starting metal roofing work.
  - 5. Maintain mockups during construction in an undisturbed condition as a standard for judging the completed work.

#### 1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver panels and other components so they will not be damaged or deformed. Package panels for protection against damage during transportation or handling.
- B. Handling: Exercise care in unloading, storing, and erecting roof panels to prevent bending, warping, twisting, and surface damage.
- C. Stack materials on platforms or pallets, covered with tarpaulins or other suitable weathertight and ventilated covering. Store panels to ensure dryness. Do not store panels in contact with other materials that might cause staining, denting, or other surface damage.

#### 1.7 PROJECT CONDITIONS

A. Field Measurements: Verify location of structural members and openings in substrates by field measurements before fabrication and indicate measurements on Shop Drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.

1. Established Dimensions: Where field measurements cannot be made without delaying the Work, either establish opening dimensions and proceed with fabricating roof panels without field measurements or allow for trimming panel units. Coordinate roof construction to ensure actual locations of structural members and to ensure opening dimensions correspond to established dimensions.

#### 1.8 WARRANTY

- A. General Warranty: Special warranties specified in this Article shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by the Contractor under requirements of the Contract Documents.
- B. Special Finish Warranty: Submit a written warranty, signed by manufacturer, covering failure of the factory-applied exterior finish on metal roof panels within the specified warranty period and agreeing to repair finish or replace roof panels that show evidence of finish deterioration. Deterioration of finish includes, but is not limited to, color fade, chalking, cracking, peeling, and loss of film integrity.
- C. Finish Warranty Period: 25 years from date of Substantial Completion.
- D. Special Weathertight Warranty: Submit a written warranty executed by manufacturer agreeing to repair or replace metal roof panel assembly that fails to remain weathertight within the specified warranty period.
- E. Weathertight Warranty Period: 20 years from date of Substantial Completion.
- F. Contractor and Authorized Installer's Warranty: Provide written warranty signed by Contractor and authorized installed agreeing to replace/repair materials and workmanship. Repairs and replacements required because of events beyond Contractor's/Installer's/Manufacturer's control (and which exceed performance requirements) shall be completed by Contractor/Installer and paid for by Owner. Warranty period is three years after date of substantial completion with <u>no</u> <u>dollar limit</u> and <u>no penal sum</u>.
- G. All warranty disputes and claims shall be brought to a state court located in Leon County for resolution.

#### PART 2 - PRODUCTS

#### 2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide panels by one of the following, or equal:
- 1. Galvalume Mill Finish Roof Panels:
  - a. MCBI
  - b. Englert, Inc.
  - c. Berridge
  - d. Architectural Metal Systems

#### METAL ROOF PANELS

#### 2.3 ROOF AND FASCIA PANEL ASSEMBLIES

A. 5V Crimp Roof Panels: Manufacturer's standard formed, 5V Crimp roof panel assembly designed for concealed mechanical attachment of panels to roof deck.

Basis of Design: Tri County Metals, 5V-LOK, Roof seam profile: flat panel (no ribbing), spacing 24" with seam height of 1/2", 26 gauge.

1. Formed roof panel shall be continuous length from eave to ridge with no lap joints.

#### 2.4 UNDERLAYMENT MATERIALS

- A. Self-Adhering, Polymer-Modified, Bituminous Sheet Underlayment: ASTM D 1970, minimum of 60 mils (1.5 mm) thick. Provide primer when recommended by underlayment manufacturer.
  - 1. Products: Subject to compliance with requirements, products that may be incorporated into the work include, but are not limited to, the following:
    - a. Polyguard Deck Guard; Polyguard Products, Inc.
    - b. Moisture Guard; Tamko Asphalt Products, Inc.
    - c. Weather Watch; GAF Building Materials Corporation.
    - d. Jiffy Seal Ice and Water Guard; Protecto Wrap Co.
- B. Building Paper: Minimum 5 lb/100 sq. ft. (2.4 kg/sq. m), rosin sized.
  - C. Felts: ASTM D 226, Type II (No. 30), asphalt-saturated organic felts.

#### 2.5 MISCELLANEOUS MATERIALS

- A. General: Provide materials and accessories required for a complete roof panel assembly and as recommended by panel manufacturer, unless otherwise indicated.
- B. Thermal Spacers: Where panels attach directly to purlins, provide thermal spacers recommended by panel manufacturer.
- C. Fasteners: Screws, bolts, nuts, self-locking rivets and bolts, end-welded studs, and other suitable fasteners designed to withstand design loads.
  - 1. Use stainless-steel fasteners for exterior applications and galvanized steel fasteners for interior applications.
- D. Accessories: Unless otherwise specified, provide components required for a complete roof panel assembly including trim, copings, fasciae, mullions, sills, corner units, ridge closures, flashings, gutters, downspouts, sealants, gaskets, fillers, closure strips, and similar items. Match materials and finishes of panels.

- A. Sealing Tape: Pressure-sensitive, 100 percent solids, polyisobutylene compound sealing tape with release paper backing. Provide permanently elastic, nonsag, nontoxic, nonstaining tape.
- B. Elastomeric Joint Sealant: ASTM C 920, of base polymer, type, grade, class, and use classifications required to seal joints in panel roofing and remain weathertight. Provide sealant recommended by panel manufacturer.
- C. Bituminous Coating: Cold-applied asphalt mastic, SSPC-Paint 12, compounded for 15-mil (0.4-mm) dry film thickness per coat, unless otherwise indicated. Provide inert-type noncorrosive compound free of asbestos fibers, sulfur components, and other deleterious impurities.
- D. Expansion-Joint Sealant: For hooked-type expansion joints that must be free to move, provide nonsetting, nonhardening, nonmigrating, heavy-bodied polyisobutylene sealant.

#### 2.6 FABRICATION

- A. General: Fabricate and finish panels and accessories to comply with the details shown to greatest extent possible, by manufacturer's standard procedures and processes with metal roofing manufacturer's written instructions, and with recommendations of SMACNA's "Architectural Sheet Metal Manual" that apply to the design, dimensions, metal, and other characteristics of installation indicated, as necessary to fulfill indicated performance requirements demonstrated by laboratory testing. Comply with indicated profiles and with dimensional and structural requirements.
- B. Required Performances: Fabricate panels and other components of roof system for the following installed-as-indicated performances:
  - 1. Structural stability: FBC (ASCE 7-10), using exposure "C" Building Classification III, mean roof height of 30 feet, roof pitch 18° for small tributary areas. Metal roofing deck will resist 140 mph winds.
  - 2. Meet UL class 130 wind uplift requirements and been tested in accordance with Underwriters Laboratories 580 and received a Class 130 uplift rating, or certified by State of Florida registered engineer to meet requirements for Underwriters Laboratories Class 130 uplift rating.
  - 3. Water penetration: No significant, uncontrolled leakage at 4 lbs. Per sq. ft. pressure with spray test.
  - 4. Air infiltration: 0.02 cfm per sq. ft. for gross roof/wall areas, with 4 lbs. Per sq. ft. differential pressure.

#### PART 3 - EXECUTION

#### 3.1 EXAMINATION

- A. Examine substrates and conditions, with Installer present, for compliance with requirements indicated for conditions affecting performance of metal panel roofing.
  - 1. Panel Supports and Anchorage: Examine roof decking and framing to verify that purlins, angles, channels, and other secondary structural panel support members and anchorage have been installed according to written instructions of panel manufacturer.
  - 2. Do not proceed with roof panel installation until unsatisfactory conditions have been corrected.

#### 3.2 PREPARATION

- A. Coordinate metal panel roofing with rain drainage work; flashing; trim; and construction of other adjoining work to provide a leakproof, secure, and noncorrosive installation.
- B. Promptly remove protective film, if any, from exposed surfaces of metal panels. Strip with care to avoid damage to finish.

#### 3.3 PANEL INSTALLATION

- A. General: Comply with panel manufacturer's written instructions and recommendations for installation, as applicable to project conditions and supporting substrates. Anchor panels and other components of the Work securely in place, with provisions for thermal and structural movement.
  - 1. Field cutting exterior panels by torch is not permitted.
  - 2. Install panels with self sealing screws, unless otherwise indicated.
  - 3. Install panels continues from eave to ridge with no lap joints.
- B. Accessories: Install components required for a complete roof panel assembly including trim, fascia, ridge closures, flashings, gutters, down spouts sealants, gaskets, fillers, closure strips, and similar items.
- C. Separate dissimilar metals by painting each metal surface in area of contact with a bituminous coating, by applying rubberized-asphalt underlayment to each metal surface, or by other permanent separation as recommended by manufacturers of dissimilar metals.
- D. Install self-adhesive rubberized asphalt underlayment and building-paper slip sheet with polyester surface on metal valley support pan under valley flashing and metal panels, and over open expansion joints. Apply from eave to ridge in shingle fashion and lap joints a minimum of 2 inches (50 mm).
- E. Coat back side of metal panels with bituminous coating where it will contact wood, ferrous metal, or cementitious construction.
- F. Form and fabricate sheets, seams, strips, cleats, valleys, ridges, edge treatments, integral flashings, and other components of metal roofing to profiles, patterns, and drainage arrangements shown and as required for leakproof construction. Provide for thermal expansion

and contraction of the work. Seal joints as shown and as required for leakproof construction. Shop fabricate materials to greatest extent possible.

- G. Joint Sealers: Install gaskets, joint fillers, and sealants where indicated and where required for weatherproof performance of panel assemblies. Provide types of gaskets, fillers, and sealants indicated or, if not otherwise indicated, types recommended by panel manufacturer.
  - 1. Install weatherseal under ridge cap. Flash and seal panels at eave and rake with rubber, neoprene, or other closures to exclude weather.
  - 2. Seal panel end laps with double beads of tape or sealant, full width of panel. Seal side joints where recommended by panel manufacturer.
  - 3. Prepare joints and apply sealants to comply with requirements of Division 7 Section "Joint Sealants."
- H. 5V Crimp Roof Panel Assembly: Fasten panels to supports with self sealing screws according to panel manufacturer's written instructions.
- I. Fabricate and install work with lines and corners of exposed units true and accurate. Form exposed faces flat and free of buckles, excessive waves, and avoidable tool marks, considering temper and reflectivity of metal. Provide uniform, neat seams with minimum exposure of solder, welds, and sealant. Fold back sheet metal to form a hem on concealed side of exposed edges, unless otherwise indicated.
- J. Installation Tolerances: Shim and align panel units within installed tolerance of 1/4 inch in 20 feet (6 mm in 6 m) on slope and location lines as indicated and within 1/8-inch (3-mm) offset of adjoining faces and of alignment of matching profiles.

#### 3.4 CLEANING AND PROTECTING

- A. Damaged Units: Replace panels and other components of the Work that have been damaged or have deteriorated beyond successful repair by finish touchup or similar minor repair procedures.
- B. Cleaning: Remove temporary protective coverings and strippable films, if any, as soon as each panel is installed. On completion of panel installation, clean finished surfaces as recommended by panel manufacturer and maintain in a clean condition during construction.
- C. DO NOT USE GRAPHITE PENCILS ON ANY METAL FOR ANY REASON.

END OF SECTION 07 41 00

# RENNOVATIONS FOR: CALLAWAY HISTORIC SOCIETY 522 BEULAH AVE. CALLAWAY, FLORIDA

PROJECT INFO: PARCEL NUMBER - 06947-010-000 LAND USE ZONING - RECREATIONAL (CAL) FLOOD ZONE - AO SQ. FT. CALCULATIONS: TOTAL HEATED AND COOLED - 1,361 SQ. FT. TOTAL AREA UNDER ROOF - 2,021 SQ.FT. NEW CONSTRUCTION TOTAL AREA - 916 SQ. FT. AREA OF LOT - 479,552 SQ. FT. (11.009 ACRES) IMPERVIOUS AREA - 4%



AREA OF CONSTRUCTION (SEE SHEET C0.1)



SITE LOCATION

— TABLE OF CONTENTS	$\overline{}$
COVER SHEET / LOCATION MAP	C0.0
SITE PLAN	C0.1
EXISTING / DEMO PLAN	A1.0
PROPOSED FLOOR PLAN	A1.1
ELEVATIONS	A2.0
STRUCTURAL NOTES	S1.0
FLOOR FRAMING PLAN	S2.0
ROOF PLAN	S2.1
STRUCTURAL SECTIONS	S3.0
WALL CONNECTION DETAILS	S3.1
ELECTRICAL PLAN	E1.0







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		DATE:				
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PROPERTY		RENNOVATIONS FOR:	CALLAWAY HISTORIC SOCIETY			CALLAWAY, FLORIDA
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		roject rawn necke	12/2 No: By: ed By: Drawir	4/20 <sup>-1</sup>	19 	<u>19330</u>  



#### STRUCTURAL NOTES

#### <u>GENERAL</u>

- 1. DESIGN CODE DATA
- 2015 INTERNATIONAL BUILDING CODE 2017 FLORIDA STATE BUILDING CODE
- ASCE 7-10: MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES. ACI 318-08: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY
- ANSI/ AF&PA NDS-2005: NATIONAL DESIGN SPECIFICATION FOR WOOD STRUCTURES ACI 530-08/ ASCE 5-08/ TMS 402-08: BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES

2. BUILDING OCCUPANCY CATEGORY= II (PER ASCE 7-10 TABLE 1-1).

- 3. DESIGN LOADS:
- A. DEAD LOADS:
- ROOF = 20 PSF
- B. LIVE LOADS:
- ROOF : 20 PSF
- FLOOR: 1ST STORY = 30 PSF
- C. WIND DESIGN CRITERIA
  - WIND SPEED = 140 MPH

EXPOSURE = C ENCLOSURE CLASSIFICATION = ENCLOSED Kd= 0.85

I = 1.0

Kzt= 1.0 BASE VELOCITY PRESSURE, Qh=38.4 PSF

COMPONENTS AND CLADDING						
ROOFS	DESIGN PI	RESSURE (ULT)	DESIGN PRE	SSURE (ASD)		
TRIBUTARY AREA 10 SF	POSITIVE (PSF)	NEGATIVE (PSF)	POSITIVE (PSF)	NEGATIVE (PSF)		
ZONE 1	26.2	41.5	15.7	24.9		
ZONE 2	26.2	72.3	15.7	43.4		
ZONE 3	26.2	106.9	15.7	64.1		
TRIBUTARY AREA 100 SF	POSITIVE (PSF)	NEGATIVE (PSF)	POSITIVE (PSF)	NEGATIVE (PSF)		
ZONE 1	18.5	37.7	11.1	22.6		
ZONE 2	18.5	53.1	11.1	31.9		
ZONE 3	18.5	83.9	11.1	50.3		
WALLS	DESIGN PRESSURE		DESIGN PRESSURE			
TRIBUTARY AREA 10 SF	POSITIVE (PSF)	NEGATIVE (PSF)	POSITIVE (PSF)	NEGATIVE (PSF)		
ZONE 4	45.4	49.2	27.2	29.5		
ZONE 5	45.4	60.8	27.2	36.5		
TRIBUTARY AREA 100 SF	POSITIVE (PSF)	NEGATIVE (PSF)	POSITIVE (PSF)	NEGATIVE (PSF)		
ZONE 4	38.6	42.4	23.2	25.4		
ZONE 5	38.6	47.2	23.2	28.3		

#### 4. MAXIMUM ALLOWABLE DEFLECTION CRITERIA:

- ROOF: L/360 LIVE LOAD; L/240 TOTAL LOAD FLOORS: L/480 LIVE LOAD; L/360 TOTAL LOAD (WOOD I-JOISTS ONLY) FLOORS: L/360 LIVE LOAD; L/240 TOTAL LOAD VERTICAL WINDOW SUPPORT: L/1000 LIVE LOAD EXTERIOR WALL SYSTEMS: L/600 WIND LOAD
- 5. THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED UPON OR EXISTING STRUCTURAL FRAMING. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN CAPACITY OF THE FRAMING AT THE TIME THE LOADS ARE IMPOSED.
- 6. THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING AND FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES. THE STRUCTURAL ENGINEER ASSUMES NO LIABILITY FOR THE STRUCTURE DURING CONSTRUCTION.
- 7. THE CONTRACTOR IS RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION AND ALL JOB SITE SAFETY.
- 8. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO THE START OF CONSTRUCTION -RESOLVE ANY DISCREPANCY WITH DESIGNER / ENGINEER. DO NOT SCALE DRAWINGS
- 9. STRUCTURAL DRAWINGS ARE INTENDED TO BE USED WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, CIVIL, AND OTHER DESIGN CONSULTANT'S DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING SUCH REQUIREMENTS INTO THE SHOP DRAWINGS. ANY APPARENT DISCREPANCIES, LIMITATIONS OR CONCERNS RESULTING FROM THIS COORDINATION SHOULD BE RESOLVED WITH THE DESIGNER / ENGINEER IMMEDIATELY.
- 10. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTING. NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCY IMMEDIATELY.

THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL BUILDING MATERIALS AND COMPONENTS.COMPONENT LOCATIONS ARE SHOWN FOR DESIGN INTENT, NOT EXACT LOCATION, SPECIFICALLY.INDEPENDENTLY PREPARED SHOP DRAWINGS ARE REQUIRED OF ALL TRADES FOR COORDINATION AND BEST PRACTICE. ERRORS OR OMISSIONS IN INSTALLATION DUE TO THE CONTRACTOR'S FAILURE TO COORDINATE THE WORK WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.



## GABLE ROOF WIND ZONE DIAGRAM

#### MATERIAL SPECIFICATIONS

## <u>CONCRETE</u>

FOOTINGS AND FOUNDATION WALLS SLAB ON GRADE ALL OTHER CIP CONCRETE NOT NOTED CONCRETE REINFORCING STEEL WELDED WIRE REINFORCEMENT ANCHOR RODS

ADHESIVE ANCHORS

#### MECHANICAL ANCHORS POWDER DRIVEN FASTENERS

# MASONRY CONCRETE MASONRY UNITS

MORTAR: TYPE S- BELOW GRADE MORTAR: TYPE N- ABOVE GRADE MASONRY GROUT MASONRY REINFORCING STEEL JOINT REINFORCEMENT

# WOOD 2x6 AND SMALLER

MINIMUM DESIGN VALUES

- Fb 875 PSI Ft 450 PSI Fv 135 PSI Fc 425 PSI Fcll 1,150 PSI
- E 1,400,000 PSI Emin 510,000 PSI

2x8 AND LARGER MINIMUM DESIGN VALUES

- Fb 1,000 PSI Ft 575 PSI
- Fv 145 PSI Fc 405 PSI
- Fcll 1,450 PSI E 1,300,000 PSI
- Emin 470,000 PSI

LAMINATED VENEER LUMBER (LVL) MINIMUM DESIGN VALUES

## Fb= 3365 PSI E= 2,400,000 PSI

3,000 PSI @ 28 DAYS 3,000 PSI @ 28 DAYS 3,000 PSI @ 28 DAYS 60 KSI, ASTM A615 65 KSI, ASTM A185 ASTM F1554 (SEE SCHEDULE FOR GRADE) HILTI HAS-E THREADED ROD WITH HY 150 INJECTION ADHESIVE OR EQUAL HILTI KWIK BOLT III OR EQUAL HILTI DS OR EQUAL

F'm= 1,500 PSI, ASTM C90 NORMAL WEIGHT UNITS 1,800 PSI, ASTM C270 750 PSI, ASTM C270 3,000 PSI, ASTM C476 60 KSI, ASTM A615

SPF NO. 2 OR BETTER

#9, ASTM A83

HEM-FIR NO. 2 OR BETTER

PARALLAM PLUS (PSL PLUS) MINIMUM DESIGN VALUES Fb= 2900 PSI E= 2,200,000 PSI

CONCRETE CONSTRUCTION

- 1. ALL CONCRETE DESIGN AND CONSTRUCTION SHALL CONFORM WITH THE LOCAL BUILDING CODE REQUIREMENTS AND THOSE OF THE LATEST EDITION OF THE FOLLOWING STANDARDS: ACI 318, ACI 315, ACI 301, AND ACI 307.
- 2. ALL CONCRETE, UNLESS SPECIFICALLY NOTED, SHALL BE NORMAL WEIGHT (145 PCF).
- 3. THE COMPRESSIVE STRENGTH OF ALL GROUT USED TO PROVIDE LEVEL BEARING OF COLUMN BASE PLATES SHALL MEET OR EXCEED THE COMPRESSIVE STRENGTH OF THE SUPPORTING CONCRETE MEMBER.
- 4. CONCRETE REINFORCING SHALL HAVE THE FOLLOWING MINIMUM PROTECTIVE COVER:
- #6 THROUGH #18 BARS = 2"
- SLABS, WALLS, JOISTS
- 5. UNLESS NOTED OTHERWISE ON THE DRAWINGS ALL REINFORCING SHALL BE LAPPED TO DEVELOP ITS CAPACITY AS FOLLOWS: (SEE TABLE FOLLOWING THIS SECTION)
- 7. A 6-MIL. (MIN.) POLYETHYLENE VAPOR BARRIER WITH JOINTS LAPPED NOT LESS THAN 6" SHALL BE PLACED BETWEEN THE SAND BASE AND THE CONCRETE FLOOR.
- 8. CALCIUM CHLORIDE AND OR ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL NOT BE USED.
- 9. PLACING OF CONCRETE SHALL BE DONE IN CONFORMANCE WITH ACI-306 FOR COLD WEATHER AND ACI-305 FOR HOT WEATHER.

BAR SIZES	STANDARD	TOP BAR	"B" SPLICE	HOOK
#3	13"	16"	16"	6"
#4	20"	24"	24"	8"
#5	28"	44"	44"	1 O"
#6	36"	60"	60"	12"
#7	52"	82"	82"	4"

**FOUNDATION** 

- 1. ALLOWABLE SOIL BEARING CAPACITY = 2,000 PSF FOR STRIP FOOTINGS (PRESUMPTIVE)

- 4. SLAB ON GRADE TO BE CONSTRUCTED ON A MINIMUM OF 6" OF COMPACTED GRANULAR FILL. 5. ALL FILL MATERIAL USED IN GRADING OPERATIONS SHALL CONSIST OF EARTH, WHICH IS FREE OF DEBRIS, BOULDERS OR ORGANIC
- 6. ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL OR COMPACTED FILL HAVING A MINIMUM ALLOWABLE BEARING CAPACITY AS INDICATED ABOVE.
- 7. THE ENGINEER SHALL BE NOTIFIED IF ACTUAL FIELD CONDITIONS DO NOT MEET BEARING REQUIREMENTS OR, IF QUESTIONABLE SOIL CONDITIONS ARE DISCOVERED INCLUDING BUT NOT LIMITED TO PEAT AND OTHER HIGH ORGANIC SOILS.
- 8. ANY FOUNDATION UNDER THE BASE FLOOD ELEVATION SHALL COMPLY W/ R322.2.2 OF THE FLORIDA BUILDING CODE & WILL PROVIDE FLOOD VENTS TO MEET THESE REQUIREMENTS.

- CONCRETE CAST AGAINST EARTH = 3 CONCRETE EXPOSED TO EARTH OR WEATHER
- #5 BAR AND SMALLER = 1-1/2"
- CONCRETE WITH INTERIOR EXPOSURE:
- #14 AND #18 BARS = 1-1/2"
- #11 BAR AND SMALLER = 3/4"
- 6. SLAB-ON-GRADE SHALL HAVE CLASS "A" TOLERANCE.

	CONORCE TE C				
BAR SIZES	STANDARD	TOP BAR	"B" SPLICE	HOOK	
#3	13"	16"	16"	6"	
#4	20"	24"	24"	8"	
#5	28"	44"	44"	O"	
#6	36"	60"	60"	2"	
#7	52"	82"	82"	14"	

MULTIPLY LAP LENGTHS BY 1.3 FOR TOP BAR CONDITIONS, TOP BARS ARE HORIZONTAL BARS WITH 12 INCHES OR MORE OF CONCRETE BELOW.

# HIP ROOF WIND ZONE DIAGRAM

2. GRADE AREAS IN ACCORDANCE WITH ELEVATIONS AND GRADES SHOWN ON THE SITE DRAWINGS AND AS REQUIRED FOR DRAINAGE. 3. ALL SLAB ON GRADE AREAS SHALL BE PROOF ROLLED. ALL SOFT SPOTS SHALL BE REMOVED AND REPLACED WITH COMPACTABLE FILL.

MATERIAL. FILL SHALL BE PLACED IN MAXIMUM OF 12" LIFTS AND COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY.

- 1. ALL DIMENSIONAL LUMBER NOMINAL 2" THICK AND 4-8" WIDE SHALL BE #2 SPF OR EQUAL. WIDTHS 10" SHALL BE #2 HEM-FIR.
- 2. LAMINATED VENEER LUMBER (LVL) TO BE 2.0E AND Fb = 3100 PSI OR GREATER.
- 3. ALL LEVEL 1 STRUCTURAL WALL FRAMING TO BE NOMINAL 2x ENGINEERED LAMINATED VENEER LUMBE (BOISE VERSA - STUD 1.7/2650 OR APPROVED EQUAL
- 4. SILLS AND MEMBERS EXPOSED DIRECTLY TO MOISTURE OR IN DIRECT CONTACT WITH CONCRETE OR I SHALL BE PRESSURE TREATED.
- 5. PLYWOOD SHALL CONFORM TO THE LATEST EDITION OF U.S. PRODUCT STANDARD PS-1. INSTALL IN ST PATTERN. NAIL AS REQUIRED FOR DIAPHRAGM ACTION.
- 6. SHEAR PLATE AND SPLIT RING FASTENERS SHALL BE TECO OR APPROVED EQUAL.
- NAILS SHALL BE STRONGHOLD, GALVANIZED COMMON NAILS OF THE SIZES INDICATED, EXCEPT THAT S STEEL SIDING NAILS SHALL BE USED FOR THE ATTACHMENT OF EXTERIOR PLYWOOD SIDING.
- 8. ALL BOLTS AND LAG SCREWS SHALL BE AMERICAN STANDARD MANUFACTURE.
- 9. BOLT HOLES IN WOOD SHALL BE DRILLED 1/16" MAXIMUM OVERSIZE. HOLES FOR SCREWS AND LAG SC SHALL BE FIRST BORED FOR THE SAME DEPTH AND DIAMETER OF THE SHANK, THEN THE REMAINDER BY THE THREADED PORTION SHALL BE BORED NOT LARGER IN DIAMETER THAN THE ROOT OF THE THR SCREWS SHALL BE SCREWED, NOT DRIVEN INTO PLACE.
- 10. PROVIDE WASHERS UNDER ALL NUTS AND HEADS OF BOLTS AND LAG SCREWS, WASHERS SHALL BE EI ROUND MALLEABLE IRON OR SQUARE CUT STEEL WASHERS 1/4" THICK X 3 FASTENER DIAMETERS.
- 11. WHEREVER NECESSARY TO CUT OR DRILL TREATED LUMBER, TREAT THE CUT OR BORED SURFACES W HEAVY COATS OF THE SAME PRESERVATIVE AS USED IN THE ORIGINAL TREATMENT.
- FOOT MAXIMUM ON CENTER. 13. MEMBERS BEARING ON CONCRETE OR MASONRY WALLS SHALL HAVE A 1/2" AIR SPACE AROUND SIDES OF BEAM.
- 14. DESIGN FABRICATION AND CONSTRUCTION SHALL CONFORM TO THE "NATIONAL DESIGN SPECIFICATIO WOOD CONSTRUCTION" CURRENT EDITION AS RECOMMENDED BY THE NATIONAL LUMBER MANUFACTU ASSOCIATION
- 15. ALL COLUMNS SHOWN ON STRUCTURAL DRAWINGS SHALL BE CONTINUOUS UNLESS NOTED.
- 16. SET ALL JOISTS WITH CROWN UP.
- 17. WALL SHEATHING SHALL BE NAILED AS INDICATED ON DRAWINGS. ALL PANEL EDGES SHALL BE BACKE OR WIDER FRAMING.
- 18. PLYWOOD SHEATHING TO BE GRADED APA STRUCTURAL I.
- 19. ALL BOLTS, LAG SCREWS, SCREWS AND NAILS SHALL HAVE A HOT DIP GALVANIZED FINISH AT MINIMUM EXPOSED HARDWARE IS RECOMMENDED BE 316 STAINLESS STEEL
- 20. SIMPSON STRONG-TIE CONNECTORS ARE SPECIFICALLY REQUIRED TO MEET THE STRUCTURAL CALCU PLAN. BEFORE SUBSTITUTING ANOTHER BRAND, CONFIRM LOAD CAPACITY BASED ON RELIABLE PUBLI TESTING DATA OR CALCULATIONS. THE ENGINEER OF RECORD IS REQUIRED TO EVALUATE AND GIVE APPROVAL FOR SUBSTITUTION PRIOR TO INSTALLATION.
- 21. ALL SIMPSON Z-MAX STAINLESS STEEL CONNECTORS SHALL BE USED FOR THE ATTACHMENT OF EXTE COLUMNS AND JOISTS AT MINIMUM. ALL EXPOSED HARDWARE IS RECOMMENDED BE 316 STAINLESS ST

- 1. PANEL ROOF SHEATHING SHALL BE 5/8" APA EXPOSURE I, RATED SHEATHING WITH 48/24 SPAN RATING.
- 2. PANEL FLOOR SHEATHING SHALL BE 3/4" T&G APA EXPOSURE I, RATED PLYWOOD WITH 48/24 SPAN RAT (U.N.O.)
- 3. FASTENERS SHALL BE A MINIMUM 8d BOX RING SHANK NAIL. (0.113" Ø)
- 4. FLOOR/ROOF PANEL SHEATHING SHALL BE CONTINUOUS OVER 2 OR MORE SUPPORTS (MINIMUM).
- 5. FLOOR/ROOF PANEL SHEATHING SHALL BE ORIENTED WITH THE STRENGTH AXIS PERPENDICULAR TO TH SUPPORTS.
- 6. ROOF SHEATHING: SPACE NAILS @ 6" O.C. ALONG INTERMEDIATE FRAMING MEMBERS. (FIELD OF PANEL NAILS @ 3" O.C. AT ALL PANEL EDGES.
- 7. EACH PANEL SHALL BE IDENTIFIED WITH THE GRADE TRADEMARK OF THE AMERICAN PLYWOOD ASSOCIA AND SHALL MEET THE REQUIREMENTS OF PRODUCT STANDARD (PSI). APPLICATION AND NAILING OF PL SHALL BE IN ACCORDANCE WITH THE RECOMMENDATION OF THE AMERICAN PLYWOOD ASSOCIATION AN TABLE 2304.9.1 "FASTENING SCHEDULE" OF THE INTERNATIONAL BUILDING CODE UNLESS OTHER REQUIREMENTS NOTED ON THE PLAN ARE MORE STRICT.

- 1. THE DESIGN, MANUFACTURING AND INSTALLATION OF ALL TRUSSES SHALL COMPLY WITH THE LATEST REQUIREMENTS OF NDS AND TPI CODES.
- 2. ROOF TRUSSES TO BE DESIGNED BY THE TRUSS MANUFACTURER PER THE REQUIREMENTS OF BUILDING CODES DESIGNATED ABOVE AND THE BUILDING PLANS.
- 3. TRUSS MANUFACTURER SHALL REFER TO ARCHITECTURAL AND MEP DRAWINGS FOR OTHER ITEMS OR APPENDAGES THAT MAY EFFECT THE TRUSS LOADING. ANY SUCH ITEMS SHOULD BE BROUGHT TO THE ATTENTION OF THE DESIGNER / ENGINEER.
- 4. ROOF TRUSS SUPPLIER TO PROVIDE SHOP DRAWINGS IN ACCORDANCE WITH THE INTERNATIONAL BUILD CODE SECTION 2303.4.1.
- 5. THE CONTRACTOR SHALL SUBMIT FOR REVIEW A PRIOR TO CONSTRUCTION (1) ONE SET OF SHOP DRAW PROVIDED BY THE ROOF TRUSS PROVIDER.
- 6. PERMANENT BRACING NOT SHOWN ON PLANS, WHICH IS REQUIRED FOR STRENGTH AND STABILITY OF T MEMBERS, SHALL BE PROVIDED BY TRUSS SUPPLIER.
- 7. TEMPORARY BRACING SHALL BE THE CONTRACTOR'S RESPONSIBILITY. PROVIDE IN ACCORDANCE WITH GUIDELINES.

<ul> <li>WOOD CONSTRUCTION</li> <li>DIMENSION LUMBER</li> <li>ALL DIMENSIONAL LUMBER NOMINAL 2" THICK AND 4-8" WIDE SHALL BE #2 SPF OR EQUAL. WIDTHS 10" AND WIDER SHALL BE #2 HEM-FIR.</li> <li>LAMINATED VENEER LUMBER (LVL) TO BE 2.0E AND Fb = 3100 PSI OR GREATER.</li> <li>ALL LEVEL 1 STRUCTURAL WALL FRAMING TO BE NOMINAL 2x ENGINEERED LAMINATED VENEER LUMBER (LVL) (BOISE VERSA - STUD 1.7/2650 OR APPROVED EQUAL.</li> <li>SILLS AND MEMBERS EXPOSED DIRECTLY TO MOISTURE OR IN DIRECT CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.</li> <li>PLYWOOD SHALL CONFORM TO THE LATEST EDITION OF U.S. PRODUCT STANDARD PS-1. INSTALL IN STAGGERED PATTERN. NAIL AS REQUIRED FOR DIAPHRAGM ACTION.</li> <li>SHEAR PLATE AND SPLIT RING FASTENERS SHALL BE TECO OR APPROVED EQUAL.</li> <li>MAILS SHALL BE STRONGHOLD, GALVANIZED COMMON NAILS OF THE SIZES INDICATED, EXCEPT THAT STAINLESS STEEL SIDING NAILS SHALL BE USED FOR THE ATTACHMENT OF EXTERIOR PLYWOOD SIDING.</li> </ul>	<ol> <li>VERTICAL STRUCTURAL PANEL SHEATHING NOTES (WOOD FRAMING)</li> <li>FASTENERS SHALL NOT BE LOCATED LESS THAN 3/8" IN FROM THE EDGE OF THE PANEL.</li> <li>FASTENERS SHALL BE DRIVEN FLUSH WITH SURFACE OF SHEATHING.</li> <li>FASTENERS SHALL BE OF SUFFICIENT LENGTH TO ENSURE PENETRATION INTO FRAMING MEMBERS BY AT LEAST 1 1/2".</li> <li>FRAMING MEMBERS SHALL BE A MINIMUM 2" NOMINAL IN THE DIMENSION TO WHICH THE STRUCTURAL PANEL IS ATTACHED. (U.N.O.)</li> <li>NO UNBLOCKED PANELS LESS THAN 1'-0" WIDE SHALL BE USED.</li> <li>PANEL EDGES SHALL BUTT ALONG THE CENTERLINE OF FRAMING MEMBERS.</li> </ol>	WEBER Structural engineering 3200 W. 23rd Street Panama City, FL 32405 mkweber.com Michael K. Weber P.E. FL P.E. #75798
<ol> <li>ALL BOLTIS AND DAG SCREWS SHALL BE AMERICAN STANDARD WANDFACTORE.</li> <li>BOLT HOLES IN WOOD SHALL BE DRILLED 1/16" MAXIMUM OVERSIZE. HOLES FOR SCREWS AND LAG SCREWS SHALL BE FIRST BORED FOR THE SAME DEPTH AND DIAMETER OF THE SHANK, THEN THE REMAINDER OCCUPIED BY THE THREADED PORTION SHALL BE BORED NOT LARGER IN DIAMETER OF THE SHANK, THEN THE REMAINDER OCCUPIED BY THE THREADED PORTION SHALL BE BORED NOT LARGER IN DIAMETER OF THE SHANK, THEN THE REMAINDER OCCUPIED BY THE THREADED INTO PLACE.</li> <li>PROVIDE WASHERS UNDER ALL NUTS AND HEADS OF BOLTS AND LAG SCREWS, WASHERS SHALL BE EITHER ROUND MALLEABLE IRON OR SQUARE CUT STEEL WASHERS 1/4" THICK X 3 FASTENER DIAMETERS.</li> <li>WHEREVER NECESSARY TO CUT OR DRILL TREATED LUMBER, TREAT THE CUT OR BORED SURFACES WITH TWO HEAVY COATS OF THE SAME PRESERVATIVE AS USED IN THE ORIGINAL TREATMENT.</li> <li>PROVIDE SOLID BLOCKING AT MID-SPAN OF ALL SAWN JOISTS AND STUDS EXCEEDING 10 FOOT SPAN AND AT 10 FOOT MAXIMUM ON CENTER.</li> <li>MEMBERS BEARING ON CONCRETE OR MASONRY WALLS SHALL HAVE A 1/2" AIR SPACE AROUND SIDES AND END OF BEAM.</li> <li>DESIGN FABRICATION AND CONSTRUCTION SHALL CONFORM TO THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" CURRENT EDITION AS RECOMMENDED BY THE NATIONAL LUMBER MANUFACTURER'S ASSOCIATION.</li> <li>ALL COLUMNS SHOWN ON STRUCTURAL DRAWINGS SHALL BE CONTINUOUS UNLESS NOTED.</li> <li>SET ALL JOISTS WITH CROWN UP.</li> <li>WALL SHEATHING SHALL BE NAILED AS INDICATED ON DRAWINGS. ALL PANEL EDGES SHALL BE BACKED WITH 2X OR WIDER FRAMING.</li> <li>PLYWOOD SHEATHING TO BE GRADED APA STRUCTURAL I.</li> <li>ALL BOLTS, LAG SCREWS, SCREWS AND NAILS SHALL HAVE A HOT DIP GALVANIZED FINISH AT MINIMUM. ALL EXPOSED HARDWARE IS RECOMMENDED BE 316 STAINLESS STEEL</li> <li>SIMPSON STRONG-TIE CONNECTORS ARE SPECIFICALLY REQUIRED TO MEET THE STRUCTURAL CALCULATIONS OF PLAN. BEFORE SUBSTITUTING AND THER BRAND, CONFIRM LOAD CAPACITY BASED ON RELIABLE PUBLISHED TESTING DATA OR CALCULATION</li></ol>	<ol> <li>WOOD SHEATHING (WALLS)</li> <li>BACK ALL SHEATHING PANEL EDGES WITH MINIMUM, NOMINAL 2 X BLOCKING.</li> <li>1/2" APA EXPOSURE I, RATED SHEATHING WITH 32/16 SPAN RATING (U.N.O.)</li> <li>FRAMING TO BE MAXIMUM 1'-4" O.C.</li> <li>FASTENERS SHALL BE A MINIMUM 8d COMMON (.131" Ø) OR GALVANIZED BOX NAILS (0.113" Ø)(GALVANIZED NAILS SHALL BE HOT DIPPED OR TUMBLED).</li> <li>OFFSET PANEL JOINTS ON EACH SIDE OF WALL MINIMUM ONE STUD BAY.</li> <li>PANELS MAY BE INSTALLED EITHER HORIZONTALLY OR VERTICALLY.</li> <li>WALL SHEATHING: SPACE NAILS @ 6" O.C. ALONG INTERMEDIATE FRAMING MEMBERS. (FIELD OF PANEL) SPACE NAILS @ 5" O.C. AT ALL PANEL EDGES.</li> <li>EACH PANEL SHALL BE IDENTIFIED WITH THE GRADE TRADEMARK OF THE AMERICAN PLYWOOD ASSOCIATION AND SHALL MEET THE REQUIREMENTS OF PRODUCT STANDARD (PSI). APPLICATION AND SHALL MEET THE REQUIREMENTS OF PRODUCT STANDARD SOLEDULE" OF THE INTERNATIONAL BUILDING CODE UNLESS OTHER REQUIREMENTS NOTED ON THE PLAN ARE MORE STRICT.</li> </ol>	BATE:       DATE:         DATE:       COMMENTS:         DATE:       COMMENTS:         DATE:       COMMENTS:
<ol> <li>ALL SIMPORE OF CONSTRUCTION OF ALL PROVIDED NOT THE ATTACHMENT OF EXTERIOR BEAMS COLUMNS AND JOISTS AT MINIMUM ALL EXPOSED HARDWARE IS RECOMMENDED BE 316 STAINLESS STEEL</li> <li>WOOD SHEATHING (ROOF)         <ol> <li>PANEL ROOF SHEATHING SHALL BE 5/8° APA EXPOSURE I, RATED SHEATHING WITH 48/24 SPAN RATING. (U.N.O.)</li> <li>PANEL FLOOR SHEATHING SHALL BE 5/8° APA EXPOSURE I, RATED SHEATHING WITH 48/24 SPAN RATING. (U.N.O.)</li> <li>PANEL FLOOR SHEATHING SHALL BE 3/8° TAG APA EXPOSURE I, RATED PLYWOOD WITH 48/24 SPAN RATING. (U.N.O.)</li> <li>FASTENERS SHALL BE A MINIMUM 8d BOX RING SHANK NAIL. (0.113° Ø)</li> <li>FLOOR/ROOF PANEL SHEATHING SHALL BE CONTINUOUS OVER 2 OR MORE SUPPORTS (MINIMUM).</li> <li>FLOOR/ROOF PANEL SHEATHING SHALL BE CONTINUOUS OVER 2 OR MORE SUPPORTS (MINIMUM).</li> </ol> </li> <li>FLOOR/ROOF PANEL SHEATHING SHALL BE ORIENTED WITH THE STRENGTH AXIS PERPENDICULAR TO THE SUPPORTS.</li> <li>ROOF SHEATHING; SPACE NAILS @ 0° O.C. ALONG INTERMEDIATE FRAMING MEMBERS. (FIELD OF PANEL) SPACE NAILS @ 3° O.C. AT ALL PANEL EDGES.</li> <li>EACH PANEL SHALL BE IDENTIFIED WITH THE GRADE TRADEMARK OF THE AMERICAN PLYWOOD ASSOCIATION AND SHALL BEI THE RECOMMENDATION OF THE AMERICAN PLYWOOD ASSOCIATION AND SHALL BEI IN ACCORDANCE WITH THE RECOMMENDATION OF THE AMERICAN PLYWOOD ASSOCIATION AND TABLE 2304.31° TASTENDIS SCHEDULE? OF THE INTERNATIONAL BUILDING CODE UNLESS OTHER REQUIREMENTS NOTED ON THE PLAN ARE MORE STRICT.</li> <li>WOOD TRUSSES</li> <li>ROOF TRUSSES TO BE DESIGNED BY THE TRUSS MANUFACTURER PER THE REQUIREMENTS OF BUILDING CODES DESIGNATED ABOVE AND THE COULDING AND YAUGH TRUSS SHALL COMPLY WITH THE LATEST REQUIREMENTS OF NOS AND THE COULDING AND MAY BUCH THES SHOULD BE BROUGHT TO THE ATTENTION OF THE DESIGNED BY THE TRUSS MANUFACTURER PER THE REQUIREMENTS OF BUILDING CODES DESIGNATED ABOVE AND THE BUILDING PLANS.</li> <li>TRUSS MANUFACTURERS STALL REFER TO ARCHITECTURA</li></ol>	<text><text><text><text></text></text></text></text>	RENNOVATIONS FOR: CALLAWAY HISTORIC SOCIETY CALLAWAY HISTORIC SOCIETY 522 BEULAH AVE. CALLAWAY, FLORIDA CALLAWAY, FLORIDA 17/4/2019
	WINDOW FLASHING DETAILS	Project No: 19330 Drawn By: JCC Checked By: MKW Drawing Number S1.0



# CALLAWAY HISTORIC SCHOOL HOUSE HURRICANE DAMAGE REPAIRS AND STABILIZATION SYNERGY NDS CALLAWAY, FLORIDA

VICINITY MAP Cherry St C Sara Jones Music Service Chad's Cut & Trim O Word Minist Callaway Public laway Fire Departme Works Departmen KB Lighting & Design Minneola St Bd Coins 😳 524 Beulah Avenue Hiawatha St Old Bicycle Rd Old Bicycle Rd The Church of Jesus Christ of Latte Bay Breeze Apartmen Lance St House 💟 Pridgen St : Carlisle Baptist Church Boat Race Ro Pet Haven Cemetery Boat Race Rd By Poodle AERIAL PHOTO 524 BEULAH AVE CALLAWAY, FLORIDA 32404 4 Beulan Avenue Boat Ramp

# SCOPE OF WORK

BRIEFLY AND WITHOUT FORCE AND EFFECT UPON THE CONTRACT DOCUMENTS, THE WORK OF THE CONTRACT CAN BE SUMMARIZED AS FOLLOWS:

THE STABILIZATION, FOUNDATIONS AND ANCHORING OF THE CALLAWAY SCHOOL HOUSE, WORK INCLUDES REMOVE AND SALVAGE EXISTING SIDING AND INSTALL SHEATHING AND VAPOR BARRIER OVER EXISTING WOOD FRAMING. FOLLOW PROPER PROCEDURES TO ENCAPSULATE LEAD PAINT ON EXISTING SALVAGED SIDING AND REINSTALL WHERE POSSIBLE PRIME AND PAINT, 2 COATS TO MATCH EXISTING COLOR. INSTALL NEW SIDING AS NEEDED TO MATCH EXIS SIZE AND PROFILES. THE REPAIR AND RESTORATION OF EXISTING WINDOWS INCLUDING LIMITED ABATEMENT. INCLUDES THE FLOORING, CAREFULLY REMOVE AND REINSTALLATION OF BASE BOARD NEEDED FOR FLOORING REPAIRS. INSTALL NEW FLOORING TO MATCH EXISTING SPECIES AND PROFILES AS NEEDED CONTRACTOR TO ALSO INCLUDE THE INSTALLATION OF NEW ELECTRICAL SYSTEMS AND FIXTURES INCLUDING CONDUIT CONDUCTORS, LIGHTING, ETC.

# NATIONAL PARK SERVICE PRESERVATION BRIEFS

THIS IS A HISTORIC PROPERTY LISTED BY THE NATIONAL TRUST FOR HISTORIC PRESERVATION. ALL WORK TAKING PLACE ON THIS BUILDING SHALL BE IN ACCORDANCE WITH THE UNITED STATES SECRETARY OF INTERIOR'S GUIDELINES FOR HISTORIC RESTORATION AND THE NATIONAL PARK'S SERVICE PRESERVATION STANDARDS AND BRIEFS. ALL WORK IS EXPECTED TO BE HELD TO THE HIGHEST STANDARD OF CRAFTSMANSHIP AND SHALL EXCEED BEST PRACTICES AND INDUSTRY STANDARDS. ANY WORK NOT MEETING THIS HIGH EXPECTATION WILL BE REQUIRED TO BE REMOVED AND REINSTALLED.

- 04 ROOFING FOR HISTORIC BUILDINGS
- 09 THE REPAIR OF HISTORIC WOODEN WINDOWS
- I O EXTERIOR PAINT PROBLEMS ON HISTORIC WOODWORK
- 16 THE USE OF SUBSTITUTE MATERIALS ON HISTORIC BUILDING EXTERIORS
- ARCHITECTURAL CHARACTER-IDENTIFYING THE VISUAL ASPECTS OF HISTORIC BUILDINGS AS AN AID TO PRESERVING THEIR CHARACTER
- 18 REHABILITATING INTERIORS IN HISTORIC BUILDINGS-IDENTIFYING CHARACTER-DEFINING ELEMENTS
- 28 PAINTING HISTORIC INTERIORS
- 32 MAKING HISTORIC PROPERTIES ACCESSIBLE
- 37 APPROPRIATE METHODS OF REDUCING LEAD-PAINT HAZARDS IN HISTORIC HOUSING
- 39 HOLDING THE LINE: CONTROLLING UNWANTED MOISTURE IN HISTORIC BUILDINGS
- 44 THE USE OF AWNINGS ON HISTORIC BUILDINGS: REPAIR, REPLACEMENT AND NEW DESIGN
- 45 PRESERVING HISTORIC WOODEN PORCHES
- 47 MAINTAINING THE EXTERIOR OF SMALL AND MEDIUM SIZE HISTORIC BUILDINGS

## DISCLAIMER

PER CHAPTER 119, FLORIDA STATE STATUES, ALL DRAWINGS AND SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL.

THESE DRAWINGS AND SPECIFICATIONS ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF MLD ARCHITECTS AND SHALL NOT BE COPIED OR REPRODUCED WITHOUT WRITTEN AUTHORIZATION. THE CONTRACT DOCUMENTS WERE PREPARED FOR THE USE ON THIS SPECIFIC SITE IN CONJUNCTION WITH ITS ISSUE DATE AND ARE NOT SUITABLE FOR USE ON A DIFFERENT SITE OR AT A LATER TIME. USE OF THESE DRAWINGS FOR REFERENCE OR EXAMPLE ON ANOTHER PROJECT REQUIRES THE SERVICES OF PROPERLY LICENSED ARCHITECTS AND ENGINEERS. REPRODUCTION OF THE CONTRACT DOCUMENTS FOR REUSE ON ANOTHER PROJECT IS NOT AUTHORIZED.

ELECTRONIC DISTRIBUTION OF THESE DOCUMENTS IS NOT AUTHORIZED, UNLESS SPECIFICALLY APPROVED BY PROJECT ARCHITECT IN WRITING.

FLORIDA BUILDING CODE (FBC), 6TH EDITION (2017) FLORIDA ACCESSIBILITY CODE (FAC), 6TH EDITION (2017) FLORIDA BUILDING CODE EXISTING BUILDINGS (FBC-EB), 6TH EDITION (2017) NATIONAL ELECTRICAL CODE (NEC), 2014 EDITION FLORIDA FIRE PREVENTION CODE (FFPC), 6TH EDITION (2017) NFPA 72 NATIONAL FIRE ALARM CODE, 2013 EDITION ASCE STANDARD 7-10 (STRUCTURAL WIND LOAD CRITERIA

FLORIDA PRODUCT APPROVAL: AS REQUIRED BY FLORIDA STATUTE 553.842 AND FLORIDA ADMINISTRATIVE CODE 9B-72, PROVIDE INFORMATION AND PRODUCT APPROVAL NUMBER(S) ON THE BUILDING COMPONENTS UTILIZED ON THE CONSTRUCTION PROJECT REQUIRING PERMITTING AFTER APRIL 1, 2004. REFER TO WWW.FLORIDABUILDING.ORG FOR MORE INFORMATION.

G100	TITLE SHEET
5100 5101	STRUCTURAL NOTES FOUNDATION AND FLOOR F
A000	ROOFING SCHEDULES & NO
	EVISTING PLAN
	RENOVATION PLAN
A200	
A200	EXTERIOR FLEVATIONS
A201 A202	EXTERIOR FLEVATIONS
AZ02 A500	DETAILS
A501	DETAILS
A700	PHOTOG
A700	FILOTOS
A701	PHUIUS
EIOO	ELECTRICAL NOTES & PLAN

# **BUILDING AND FIRE CODES**

# DRAWING INDEX

FLOOR PLAN

ES & NOTES

CONSULTANTS With the second state of the seco
ARCHITECTURE INTERIOR DESIGN BULDING ENVELOPE AILAHASSEE, FL 32303 PH: (850) 385 9200 A 2600306 MLDARCHITECTS.COM
Callaway Historic School House Hurricane Damage repairs and stabilization Synergy NDS Callaway, Florida
100% SUBMITTALPROJ. NO.142619DATE10/11/2019DRAWNJMCHECKEDAWAPPROVEDJSREVISION
TITLE SHEET

	<u>AL NUIES</u>	O. <u>CUNCRETE MASUNKT</u>
1.1.	THE GOVERNING CODE FOR THIS PROJECT IS THE FLORIDA BUILDING CODE 6th EDITION (2017). THIS CODE PRESCRIBES WHICH EDITION OF EACH REFERENCE STANDARD APPLIES TO THIS PROJECT. UNLESS OTHERWISE NOTED, ALL WORK AND MATERIALS SHALL CONFORM WITH THE GOVERNING BUILDING CODE AND ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL CODES, STANDARDS, REGULATIONS AND LAWS.	<ul><li>8.1. CONCRETE MASONRY MATERIALS AND</li><li>8.2. COMPRESSIVE STRENGTH OF MASON</li><li>530.1. THE NET AREA COMPRESSIVE</li></ul>
1.2.	THE CONTRACTOR SHALL COORDINATE ALL CONTRACT DOCUMENTS WITH FIELD CONDITIONS, DIMENSIONS, AND PROJECT SHOP DRAWINGS PRIOR TO CONSTRUCTION. DO NOT SCALE DRAWINGS, USE ONLY PRINTED DIMENSIONS. REPORT ANY DISCREPANCIES OR FIELD CONDITIONS ENCOUNTERED IN CONFLICT WITH THE DRAWINGS IN WRITING TO THE ARCHITECT AND/OR ENGINEER PRIOR TO PROCEEDING WITH WORK. DO NOT CHANGE SIZE OR LOCATION OF STRUCTURAL MEMBERS WITHOUT WRITTEN INSTRUCTIONS FROM THE ARCHITECT OR ENGINEER OF RECORD.	<ul> <li>8.3. USE 50% SOLID CONCRETE MASONR STRENGTH OF 1,900 PSI AT 28 DAY</li> <li>8.4. USE TYPE S MORTAR IN ACCORDANC JOINTS SHALL BE 3/8 INCH FOR TH SOURCE DECEMBER 1000 PSI ADDITION</li> </ul>
1.3.	DETAILS LABELED AS "TYPICAL" APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY REFERENCED, WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION.	GROUTED. REMOVE MORTAR PROTRU
1.4.	THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTY, HIS OWN WORK, AND THE GENERAL PUBLIC FROM HARM. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, AND JOBSITE SAFETY INCLUDING ALL OSHA REQUIREMENTS. THE STRUCTURAL ENGINEER OF RECORD HAS NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION PERSONNEL RELATED TO THEIR WORK OR ANY HEALTH OR SAFETY PRECAUTIONS.	<ul> <li>8.5. USE FINE OR COURSE GROUT CONF DAYS. AGGREGATE SHALL CONFORM</li> <li>9. <u>TIMBER FRAMING</u></li> <li>9.1. MISCELLANEOUS TIMBER FRAMING ME</li> </ul>
PROJE	<u>CT SCOPE</u> THE PURPOSE OF THIS PROJECT IS TO CONSTRUCT A NEW NEW FOUNDATION, RESET THE BUILDING, AND REPAIR THE	SOUTHERN PINE FRAMING WHERE IN 9.2. PROVIDE PRESERVATIVE TREATED ME
2.1.	DAMAGE FROM HURRICANE MICHAEL.	MASONRY/CONCRETE OR WHERE EXF 9.3. HEADERS AND BEAMS CONSTRUCTED
2.2.	FLOOR FRAMING SYSTEM AND TEMPORARY RELOCATE IT.	SIDE) MINIMUM. 9.4. EXCEPT WHERE FASTENERS ARE SPI
2.4.	MODIFICATIONS TO THE SUPPORT STRUCTURE ARE NECESSARY. ONCE IN PLACE THE CONTRACTOR SHALL REMOVE THE EXISTING SIDING AS NECESSARY TO PLUMB THE EXISTING	WHERE INDICATED. 9.5. PRE-DRILL HOLES FOR THRU BOLTS
2.5.	STRUCTURE. SAFETY AND THE METHODS USED TO PLUMB THE STRUCTURE ARE THE RESPONSIBILITY OF THE CONTRACTOR	9.6. PRE-DRILL LEAD HOLES FOR LAG S
2.6.	ONCE PLUMB AND AFTER THE ANCHORAGE IS INSTALLED, THE CONTRACTOR SHALL SHEATH ALL OF THE EXISTING WALLS AND ROOF STRUCTURE AS INDICATED IN THESE DOCUMENTS.	3/8"ø LAG SCREWS – LEAD HOLE 1/2"ø LAG SCREWS – LEAD HOLE <sup>-</sup>
7.	PROVIDE NEW PURLINS TO RECEIVE NEW SHEATHING.	10. <u>WOOD SHEATHING</u>
<u>ESIGI</u>	I SUPERIMPOSED LIVE LOADS	10.1. ROOF SHEATHING SHALL BE <sup>5</sup> / <sub>8</sub> " PLY NAILS AT 4" ALONG PANEL EDGES II MEMBERS
	FLOUR LOAD= 40 PSFROOF LOAD= 20 PSFSTAIRS= 100 PSF	10.2. WALL SHEATHING SHALL BE 1/2" PLYV
	GUARDRAILS TOP RAIL = 200 LBS OR 50 PLF IN ANY DIRECTION INTERMEDIATE RAIL = 50 LBS OVER 12" × 12" ADEA	ALUNG PANEL EDGES INGLUDING BL
WIND	LOAD DESIGN CRITERIA (PER ASCE 7–10)	
	WIND SPEED (ULT/ASD) = $135 \text{ MPH} / 93 \text{ MPH}$ RISK CATEGORY = II	E
	WIND EXPOSURE CATEGORY=CENCLOSURE CLASSIFICATION=CLOSED	
	EDGE ZONE WIDTH (a) $= 3'-0''$	
<u>EARTH</u> 5.1.	ALLOWABLE SOIL BEARING CAPACITY IS ASSUMED TO BE 2,000 PSF ON UNDISTURBED SOILS OR COMPACTED STRUCTURAL	
5.0	TESTING, VERIFY THE BEARING CAPACITY OF THE SOILS, AND MAKE RECOMMENDATIONS FOR SITE PREPARATION.	SEE ARCH. DRAWI
0.2.	COMPACTED TO A DEPTH OF 12 INCHES AT OPTIMUM MOISTURE CONTENT TO 95% OF THE MODIFIED PROCTOR, ASTM D1557. FILL SHALL BE PLACED AND COMPACTED IN LIFTS NO GREATER THAN 12 INCHES.	FOR BRG. ELEVAT
<u>SLAB</u>	<u>ON GRADE</u> ALL INTERIOR AND EXTERIOR SLABS ON GRADE SHALL BE A MINIMUM OF 4 INCHES THICK REINFORCED WITH 6×6 W1.4 ×	AT E/
0.1.	W1.4 WELDED WIRE MESH PLACED ON 6 MIL POLYETHYLENE SHEETING, UNLESS OTHERWISE NOTED IN THE CONSTRUCTION DOCUMENTS.	
6.2.	IN SIDEWALKS AND WALKWAYS, LOCATE ISOLATION JOINTS AT 20 FEET ON CENTER, MAXIMUM. SCORE AND TOOL BETWEEN ISOLATION JOINTS IN EQUAL BAYS OF 5 FEET OR LESS.	
<u>FORMV</u> 7.1.	<u>IORK</u> DESIGN, ERECTION AND REMOVAL OF FORMWORK, AND SHORING AND RESHORING IS SOLELY THE RESPONSIBILITY OF THE	
7.2.	CONTRACTOR. CONSTRUCTION, ERECTION, AND REMOVAL OF FORMWORK SHALL BE IN ACCORDANCE WITH ACI 301 AND 347.	
<u>REINF(</u> 8 1	ALL REINFORCING STEEL SHALL BE INTERMEDIATE GRADE BILLET STEEL CONFORMING TO ASTM A615, GRADE 60, WITH THE	
0.1.	FOLLOWING MINIMUM SPLICE LENGTH. CONCRETE REINFORCEMENT = 36 BAR DIAMETERS U.N.O. MASONRY REINFORCEMENT = 48 BAR DIAMETERS U.N.O.	
8.2. 8 3	PROVIDE ADDITIONAL HORIZONTAL CORNER BARS TO MATCH MAIN HORIZONTAL REINFORCING STEEL AT ALL BEAMS, OR WALL INTERSECTIONS, CORNERS AND OTHER CONCRETE DIRECTIONAL CHANGES, INCLUDING FOOTINGS.	
6.4	STANDARD DETAILS. REINFORCING SHALL BE ACCURATELY PLACED, RIGIDLY SUPPORTED AND FIRMLY TIED IN PLACE WITH APPROPRIATE BAR	
CONC	SUPPORTS AND SPACERS.	
7.1.	ALL CONCRETE CONSTRUCTION SHALL COMPLY WITH ACI 301 AND 318 AND CRSI STANDARDS.	
7.2.	PROVIDE STRUCTURAL CONCRETE WITH A MINIMUM ULTIMATE COMPRESSIVE DESIGN STRENGTH IN 28 DAYS OF: FOUNDATIONS 3,000 PSI NW	NEW ROOF SHE SEE STRUCTURAL
7 4	RETAINING WALL 4,000 PSI NW	2x4 PURLINS @ 24"o.c. W/ (2) 3½" DECK SCREWS AT FACH SUPPORT
7.2.	ALL CONCRETE SHALL BE NORMAL WEIGHT (NW), U.O.N. CONTRACTOR SHALL MAKE SETS OF FOUR ACCEPTANCE CYLINDERS FOR STRENGTH TESTING FOR EACH 50 CUBIC YARDS OF	
	CONCRETE PLACED. CYLINDERS SHALL BE MADE IN ACCORDANCE WITH ASTM C31 AND C172. TESTING SHALL BE PERFORMED BY AN ACI CERTIFIED TESTING LABORATORY AND SHALL BE PAID FOR BY THE CONTRACTOR. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND/OR STRUCTURAL ENGINEER OF ANY TEST NOT MEETING THE REQUIREMENTS OF THE SPECIFIED TESTS. COPIES OF REPORTS DOCUMENTING THE TEST RESULTS SHALL BE MAINTAINED BY THE CONTRACTOR AND MADE AVAILABLE LIDON REQUEST.	
7.3.	PROVIDE COVER OVER REINFORCING STEEL AS FOLLOWS:	EXISTING RAFTER
	CAST AGAINST & EXPOSED TO EARTH/WEATHER 3" EXPOSED TO EARTH/WEATHER	
	#6 THROUGH #18 REBAR2"#5 REBAR, W31/D31 WIRE OR SMALLER1-1/2"NOT EXPOSED TO EARTH/WEATHER1-1/2"	
	SLABS, WALLS, JOISTS #14 AND #18 REBAR 1-1/2" #11 REPAR AND SMALLED 7/4"	
	# I I KEBAK AND SMALLEK     3/4       BEAMS AND COLUMNS     1-1/2"	
	CURE ALL CONCRETE SURFACES FOR A PERIOD OF SEVEN DAYS UNTIL AVERAGE COMPRESSIVE STRENGTH HAS REACHED	τ\/
7.1.		I Y



# GENERAL NOTES

- 1. THIS IS A HISTORIC PROPERTY LISTED BY THE NATIONAL TRUST FOR HISTORIC PRESERVATION. ALL WORK TAKING PLACE ON THIS BUILDING SHALL BE IN ACCORDANCE WITH THE UNITED STATES SECRETARY OF INTERIOR'S GUIDELINES FOR HISTORIC RESTORATION AND THE NATIONAL PARK'S SERVICE PRESERVATION STANDARDS AND BRIEFS. ALL WORK IS EXPECTED TO BE HELD TO THE HIGHEST STANDARD OF CRAFTSMANSHIP AND SHALL EXCEED BEST PRACTICES AND INDUSTRY STANDARDS. ANY WORK NOT MEETING THIS HIGH EXPECTATION WILL BE REQUIRED TO BE REMOVED AND REINSTALLED.
- 2. THE EXISTING PLANS ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND ALL CONDITIONS. IF THE CONTRACTOR IS UNABLE TO INTERPRET THE CONTRACT DOCUMENTS, HE IS RESPONSIBLE FOR REQUESTING CLARIFICATION IN WRITING TO THE ARCHITECT. IF THE CONTRACTOR PROCEEDS WITH ANY WORK BEFORE OBTAINING CLARIFICATION, HE SHALL BE HELD RESPONSIBLE FOR ALL DEFICIENCIES ASSOCIATED THERE WITHIN.
- 3. BEFORE SUBMITTING FOR THE WORK, EACH BIDDER WILL BE HELD TO HAVE EXAMINED THE PREMISES AND SATISFIED HIMSELF AS TO THE EXISTING CONDITIONS UNDER WHICH HE WILL BE OBLIGED TO OPERATE AND COMPLETE THE WORK UNDER THIS CONTRACT. NO ALLOWANCE WILL BE MADE SUBSEQUENTLY IN THIS CONNECTION ON BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.
- 4. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CLEAR EXIT WAYS. WHERE AN EXIT MUST BE TEMPORARILY BLOCKED, CONTRACTOR SHALL PROVIDE THE REQUIRED BARRICADE AND DIRECTIONAL SIGNS FOR TEMPORARY EXITING AND SAFETY.
- 5. CONTRACTOR SHALL ERECT AND MAINTAIN ALL REASONABLE SAFEGUARDS FOR SAFETY AND HEALTH INCLUDING POSTING DANGER SIGNS AND OTHER WARNINGS AGAINST HAZARDS, AS WELL AS POSTING APPLICABLE SAFETY REGULATIONS. CONTRACTOR SHALL PROVIDE SAFETY PRECAUTIONS AND BARRICADES FOR PEDESTRIANS AT CONSTRUCTION, VEHICLE ACCESS AND EGRESS LOCATIONS.
- 6. OPERATIONS OF THE NEIGHBORING FACILITIES SHALL CONTINUE DURING DEMOLITION AND CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE AND SEQUENCE DEMOLITION AND CONSTRUCTION TO MINIMIZE INTERRUPTIONS TO NORMAL OPERATIONS OF THESE FACILITIES.
- 7. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE AND SEQUENCE DEMOLITION AND CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A COMPLETELY DETAILED CONSTRUCTION SCHEDULE AND PLAN PRIOR TO PRE-CONSTRUCTION CONFERENCE.
- 8. CONTRACTOR SHALL BE RESTRICTED TO AREAS SPECIFIED BY OWNER FOR ON SITE STORAGE OF CONSTRUCTION MATERIALS. COMPARTMENT TRAILERS OR SIMILAR PROTECTIVE STORAGE FACILITIES MAY BE UTILIZED ON SITE TO SECURE ALL EQUIPMENT AND ITEMS REMOVED DURING PROJECT WORK. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION AND SECURITY OF ALL EQUIPMENT AND ITEMS REMOVED.
- 9. CONTRACTOR TO PROVIDE TEMPORARY UTILITIES UNTIL EXISTING FEEDS ARE CONNECTED AND MADE AVAILABLE AT PROJECT JOB SITE.
- II. ALL WORK SHALL COMPLY WITH APPLICABLE <u>OSHA</u> AND <u>E.P.A</u>. REGULATIONS AND GUIDELINES.
- 12. INSTALL WORK IN ACCORDANCE WITH THE CODES LISTED ON THE COVER SHEET. WHERE CONFLICTS OCCUR BETWEEN CODES AND BETWEEN THE CONSTRUCTION DOCUMENTS AND CODES, THE MOST RESTRICTIVE REQUIREMENTS SHALL GOVERN.
- I 3. CONTRACTOR SHALL FURNISH "AS-BUILT" DRAWINGS TO THE ARCHITECT AT COMPLETION OF THE CONSTRUCTION. CHANGES SHALL BE INDICATED CLEARLY BY MECHANICAL DRAFTING METHODS.
- 14. CONTRACTOR SHALL MAINTAIN A CLEAN WORK PREMISES AT ALL TIMES AND SHALL CLEAN CONSTRUCTION SITE OF ALL DEBRIS DAILY.
- 15. CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE EXISTING SURFACES AND SHALL BE RESPONSIBLE FOR RETURNING DAMAGED AREAS (MATERIALS, FINISHES, LANDSCAPE, ETC.) TO THEIR ORIGINAL CONDITION. ALL DISTURBED AREAS OF SOIL TO BE SODDED. ALL PLANTING REPLACEMENT TO BE GUARANTEED FOR ONE YEAR.
- I G. CONTRACTOR SHALL ERECT ALL SAFEGUARDS TO PROTECT AREAS ADJACENT TO BUILDING SITES. INSTALL SILT FENCING AS REQUIRED TO CONTAIN CONSTRUCTION RUNOFF. REMOVE DEBRIS FROM JOB SITE DAILY AND ADHERE TO ENVIRONMENTAL REGULATIONS.
- 17. CONTRACTOR AND INSTALLER SHALL PROVIDE 2 YEAR UNLIMITED LABOR AND MATERIAL WARRANTY ON ROOFING SYSTEMS, JOINT SEALANT, PAINTING AND COATING SYSTEMS.
- 18. CONTRACTOR SHALL LIST AN EMERGENCY TELEPHONE NUMBER WHERE HE OR SHE MAY BE REACHED 24 HOURS A DAY, SEVEN DAYS A WEEK, DURING THE ENTIRE PERIOD OF CONTRACT TIME. THIS TELEPHONE NUMBER SHALL BE PROVIDED AT THE PRECONSTRUCTION CONFERENCE.
- 19. PAINT SAMPLING TESTED POSITIVE FOR LEAD AND WINDOW GLAZING COMPOUND TESTED POSITIVE FOR ASBESTOS CONTAINING MATERIAL. CONTRACTOR SHALL TAKE CARE TO FOLLOW PROPER PROCEDURES WHEN DISPOSING OF ANY AND ALL LEAD AND ASBESTOS CONTAINING MATERIAL.

20. ALL WORK SHALL COMPLY WITH THE 2017 FLORIDA BUILDING CODE, SIXTH EDITION.

	FOUNDATION:
1	PLACE SCHOOLHOUSE ON TEN INSTALL NEW CONCRETE BLOCK SCHOOLHOUSE FROM TEMPOR FOUNDATIONS PER THE STRUCT
	THE NEW RAMP ALIGNS WITH THE PLAN, SHEET A 102. THE CONT RELOCATION TO THE EXISTING B RELOCATION PROCEDURES. CO COMPLETION OF THIS PROJECT.
	SIDING REPAIR:
2	REMOVE AND SALVAGE EXISTING NEAREST FRAMING MEMBER A BARRIER AND SALVAGED WOOD TO MATCH EXISTING SPECIES AN BASED PRIMER, PRIOR TO INST SIDING.
	BASE BID TO INCLUDE 200 BO EXISTING SIDING. ADD/DEDUC DETERIORATION REPLACEMENT.
	ROOF:
3	CAREFULLY REPAIR EXISTING RC HISTORIC JOISTS.
4	RECONSTRUCT SALVAGED HISTO NEW PREFINISHED ALUMINUM CH
5	INSTALL NEW PLYWOOD SHEATH OVER ROOF DECKING AND SEL THE RIDGE AND PERIMETER OF PANELS WITH GROMMETED/SELF FASTENING RECOMMENDATIONS DECKING. INSTALL PREFINISHED METAL TRIM AS DETAILED.
	PORCH:
6	REMOVE AND SALVAGE EXISTING SUPPLEMENT MISSING POSTS, E SIZE AND PROFILES.
7	INSTALL NEW PRESSURE TREATE
8	REINSTALL EXISTING ENTRY CANC ORIGINAL CONSTRUCTION.
9	REBUILD NEW SIDE PORCH AND BALUSTRADE, HANDRAILS, AND DRAWINGS TO MATCH ENTRYWAY
10	PROVIDE A LEVEL CONCRETE LAN
	WINDOW AND DOOR RESTORATION
11	POSITIVE FOR ASBESTOS CONTA
	<ul> <li>A. CUT OUT, SCRAPE AND RE BETWEEN GLASS AND WOOT TRANSOMS UNLESS NOTED ASBESTOS CONTAINING GLAZ</li> <li>B. REPLACE ALL SEVERELY DETEN COMPONENTS TO MATCH EX</li> </ul>
	COMPOUND AND PAINT TO WITH OIL BASED PRIMER. RE
	MATCH EXISTING, SECURE NE D. MILDEW PREVENTIVE (M-1) PRIMERS AND PAINT.
	<ul> <li>E. REGLAZE ALL WOOD EXTERIOR</li> <li>AND GLAZE WOOD WINDOW F</li> <li>F. PRIME (OIL BASED PRIMER) A</li> <li>EVTERIOR WINDOWS, CLEAN</li> </ul>
	AND CASING WITH PREMIUM
	PAINTING:
12	BASE BID TO INCLUDE LEAD PA SHALL INCLUDE SCRAPING LOOS LOOSE PAINT REMOVED FROM PROPERLY DISPOSED OF, FOLL NOTED.
13	MISCELLANEOUS METAL ACCES OTHERWISE, ARE TO BE CLEANE OR HAND ABRADED AND REA THOROUGHLY CLEANED AS SP SURFACES, THEN COMPLETELY ACRYLIC PAINT ON ALL PREVIOU OTHERWISE.
14	APPLY PRIMER/BOND COAT AND AND PREPARED, PREVIOUSLY P BANDS, REVEALS, COLUMNS, ACCORDANCE WITH MANUFACTU NOTED OTHERWISE. APPLY PRIM COATING TO MATCH EXISTIN MANUFACTURER AND PROVIDE FROM COATING MANUFACTURI ARCHITECT AND OWNER FROM F OR MATCH EXISTING.

# WORK NOTES

EMPORARY CRIBBING AND PREPARE NEW FOUNDATIONS. K FOUNDATIONS WITH HELICAL TIEDOWNS. CAREFULLY MOVE RARY CRIBBING, RELOCATE AND SET ON NEW PERMANENT CTURAL DRAWINGS. CONTRACTOR TO ALIGN THE HOUSE SO HE EXISTING CONCRETE SIDEWALK AS NOTED IN RENOVATION NTRACTOR WILL ANY REPAIR DAMAGES ASSOCIATED WITH BUILDING RESULTING FROM ANY PREPARATION, MOVING AND CONTRACTOR WILL REPAIR ALL DAMAGED ITEMS PRIOR TO

NG COVE SHIPLAP SIDING ON EAST AND WEST FAÇADE TO AND INSTALL NEW SHEATHING TO HOLD PLUMB, VAPOR O SIDING STAGGERED. CONTRACTOR TO SUPPLEMENT SIDING AND PROFILES. BACK PRIME NEW SIDING WITH PREMIUM OIL STALLATION, SEAL ALL END GRAIN OF REPLACEMENT WOOD

BOARD FOOT OF DETERIORATION WOOD REPLACEMENT OF

COOF PER THE STRUCTURAL DRAWINGS. SISTER REMAINING

ORIC BELL TOWER TO MATCH EXISTING INSTALLATION WITH HANNEL AND BASEFLASHING.

THING. INSTALL SYNTHETIC WATERPROOFING UNDERLAYMENT ELF ADHERED RUBBERIZED ASPHALT UNDERLAYMENT ALONG F ROOF EDGE. INSTALL 24" WIDE 5V CRIMP METAL ROOF F SEALING STAINLESS STEEL SCREWS PER MANUFACTURER'S IS TO MEET FBC WIND UPLIFT REQUIREMENTS INTO ROOF ID METAL VENTED RIDGE CAP, RAKE FLASHING, AND EDGE

G STAIRS AND PORCH AT MAIN ENTRYWAY. CONTRACTOR TO BALUSTRADES, AND DECKING TO MATCH EXISTING SPECIES,

TED WOOD RAMP, HANDRAILS, AS DETAILED AND INDICATED

OPY. SUPPLEMENT MISSING/DAMAGED ELEMENTS TO MATCH

D CANOPY. INSTALL NEW PRESSURE TREATED WOOD POST, WOOD TREADS/RISERS AS DETAILED AND INDICATED IN THE AY PORCH PROFILES.

NDING AT BOTTOM OF RAMP AND STAIRS, AS DETAILED.

### <u>10N:</u>

POSITIVE FOR LEAD AND GLAZING COMPOUND TESTED

EMOVE ALL EXISTING PERIMETER GLAZING COMPOUND OD MUTTONS AND SASH OF ALL EXTERIOR WINDOWS AND O OTHERWISE. COMPLY WITH ABATEMENT PROCEDURES FOR AZING COMPOUND.

ERIORATED WINDOW AND DOOR COMPONENTS WITH NEW XISTING. AT SMALL AREAS OF WOOD ROT, CONTRACTOR TO UNSALVAGEABLE WOOD TO SOUND SUBSTRATE. ALL SOFT SHALL BE SATURATED WITH MINWAX WOOD HARDENER AND 'OXY WOOD FILLER TO MATCH EXISTING WOOD PROFILES. WOOD WINDOW MUNTINS AND SASH OF ALL OLD GLAZING D BARE WOOD. SAND, SEAL WITH LINSEED OIL AND PRIME CEPLACE ALL BROKEN GLASS WITH NEW HISTORIC GLASS TO NEW AND EXISTING GLASS WITH PUSH POINTS.

TO BE ADDED TO LINSEED OIL, GLAZING COMPOUND,

OR WINDOWS, CONTRACTOR TO CLEAN AND PREPARE, PRIME FOR APPROVAL TO BE BASIS FOR QUALITY CONTROL. AND PAINT 2 COATS OVER GLAZING COMPOUND AT ALL N, PRIME, AND PAINT EXTERIOR AND INTERIOR OF WINDOWS I PAINT/COATING SYSTEM.

AINT ENCAPSULATION ON ALL ELEVATIONS. ENCAPSULATION DSE PAINT AND PREPARING SUBSTRATE AS NECESSARY. ALL I BUILDING SHALL COMPLY WITH PROPER PROCEDURES AND LLOWING THEN PRIMING AND PAINTING THE BUILDING AS

ESSORIES SUCH AS EXPOSED CONDUIT, UNLESS NOTED IED, PRIMED AND PAINTED. ALL RUST TO BE MECHANICALLY EPAIR RUSTED AREAS WITH FILLER WHERE NECESSARY, PECIFIED. TOUCH UP PRIME BARE AND RUSTED METAL Y PRIME AND PAINT (2) COATS OF PREMIUM INDUSTRIAL DUSLY PAINTED EXTERIOR METAL SURFACES UNLESS NOTED

ID 2 COATS ACRYLIC PAINT COATING SYSTEM TO CLEANED PAINTED SIDING, NEW MASONRY SURFACES, HORIZONTAL , GABLE END WALLS OVER EXTERIOR OF BUILDING IN TURER'S RECOMMENDATIONS AND SPECIFICATIONS UNLESS MER/BOND COAT AND 2 COATS PREMIUM EXTERIOR ACRYLIC ING. PRIME SURFACES AS REQUIRED BY COATING E WRITTEN APPROVAL OF SUBSTRATE (AND PREPARATION) RER. FINAL COLOR SHALL BE SELECTED/APPROVED BY PAINTED SAMPLE PANEL AREA. COLORS TO BE SIMILAR TO,

15 PREVIOUSLY PAINTED WINDOW FRAMES TO BE CLEANED PERIMETER SEALANT BONDFACE. CLEAN, PRIME, AND PAINT WINDOW FRAMES FOLLOWING SEALANT WORK AS SPECIFIED.

# WORK NOTES CONTINUED

### INTERIOR:

16 ON INTERIOR, INSTALL NEW TRIM IN MATCHING PROFILES WHERE EXISTING TRIM IS MISSING/DAMAGED. RENAIL EXISTING BEADBOARD CEILINGS, WALLS, AND VARIOUS TRIM THAT ARE NOT BE FASTENED SECURELY. WHERE FACE NAILING IS NECESSARY, SINK NAILHEADS BELOW SURFACE OF WOOD. CLEAN, CAULK, PRIME AND PAINT WOOD CEILINGS, WALLS, TRIM, FRAMES, MOLDINGS, ETC. COLORS TO BE CHOSEN BY ARCHITECT AND OWNER.

WOOD FLOORING:

17 CAREFULLY REMOVE EXISTING OAK WOOD FLOORING. CONTRACTOR SHALL INSTALL NEW P.T. 2x BLOCKING/SISTERS ON EITHER SIDE OF EXISTING POLE FRAMING. FASTEN TO POLE FRAMING USING 4" WOOD SCREWS IN A STAGGERED PATTERN AT 8" O.C. 3/4" TONGUE AND GROOVE WITH PLYWOOD SUBFLOOR. INSTALL NEW SOLID HEART PINEWOOD FLOORING SYSTEM. INSTALL NEW WOOD THRESHOLD AT DOORS (MAX. 1/2" HEIGHT DIFFERENTIAL) TO MATCH EXISTING DOOR HEIGHT. LIGHT SAND AND SEAL WITH SATIN URETHANE FINISH. NEW FLOORING IN STAGE AREA TO MATCH EXISTING HEIGHT INCREASE.INSTALL NEW TRIM IN MATCHING PROFILES WHERE EXISTING TRIM IS MISSING.

ELECTRICAL:

18 INSTALL NEW ELECTRICAL PANEL SYSTEM. ELECTRICAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS. CONTRACTOR SHALL COORDINATE WITH CITY UTILITIES FOR POLE FEEDER LINE INSTALLATION. INSTALL NEW LIGHTING CIRCUITS FOR CEILING FIXTURES, SALVAGE/REPLACE AS NEEDED TO MATCH EXISTING MASON JAR PENDANTS. REFEED EXISTING POWER CONDUITS, CONDUCTORS AND LIGHTING AND INSTALL NEW INTERRUPTERS AND SWITCHES. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PROPOSED LIGHTING FIXTURES FOR OWNER AND ARCHITECTS APPROVAL.

# WALL TYPES







![](_page_31_Picture_1.jpeg)

![](_page_31_Picture_2.jpeg)

![](_page_31_Picture_3.jpeg)

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![](_page_31_Picture_6.jpeg)

![](_page_31_Picture_7.jpeg)

![](_page_31_Picture_8.jpeg)

NEW 3/4" P.T. PLYWOOD ROOF DECK-

URETHANE SEALANT CONTINUOUS

NEW 2X PURLINS @ 24" O.C.

SEE STRUCTURAL DRAWINGS

NEW HARD WIRE MESH CLOTH-

EXISTING COVE SHIPLAP SIDING.

TRI-BEAD SEALANT-

SELF ADHESIVE RUBBERIZED

ASPHALT UNDERLAYMENT

SYNTHETIC WATERPROOFING UNDERLAYMENT-

# EAVE EDGE DETAIL

(A100) SCALE: 3" = 1'-0"

EXISTING COVE SHIPLAP SIDING. REPLACE ANY DAMAGED OR DETERIORATED SIDING WITH NEW MATERIAL AS REQUIRED. REMOVE LOOSE CRACKED PAINT, CLEAN, PRIME AND PAINT

EXISTING WOOD STUD FRAMING BEYOND-NEW SHEATHING-

PANCAKE HEAD FASTERNER 8" O.C.-

HIGH-TEMP BUTYL TAPE SEALANT -BUTYL TAPE SEALANT —

OUTSIDE CLOSURE-

PREFINISHED ALUMINUM FLASHING-NEW 2X PURLINS @ 24" O.C. SEE STRUCTURAL DRAWINGS

# SYNTHETIC WATERPROOFING UNDERLAYMENT-

5V CRIMP ROOF PANEL-EXISTING RAFTERS TO REMAIN-

NEW 3/4" P.T. PLYWOOD ROOF DECK-

![](_page_31_Picture_20.jpeg)

![](_page_32_Figure_0.jpeg)

# WORK NOTES

	SIDING REPAIR:
2	REMOVE AND SALVAGE EXISTING COVE SHIPLAP SIDING ON EAST AND WEST FAÇADE TO NEAREST FRAMING MEMBER AND INSTALL NEW SHEATHING TO HOLD PLUMB, VAPOR BARRIER AND SALVAGED WOOD SIDING STAGGERED. CONTRACTOR TO SUPPLEMENT SIDING TO MATCH EXISTING SPECIES AND PROFILES. BACK PRIME NEW SIDING WITH PREMIUM OIL BASED PRIMER, PRIOR TO INSTALLATION, SEAL ALL END GRAIN OF REPLACEMENT WOOD SIDING.
	BASE BID TO INCLUDE 200 BOARD FOOT OF WOOD DETERIORATION REPLACEMENT OF EXISTING SIDING. ADD/DEDUCT OF \$/BOARD FOOT FOR ADDITIONAL WOOD DETERIORATION REPLACEMENT.
	PORCH:
6	REMOVE AND SALVAGE EXISTING STAIRS AND PORCH AT MAIN ENTRYWAY. CONTRACTOR TO SUPPLEMENT MISSING POSTS, BALUSTRADES, AND DECKING TO MATCH EXISTING SPECIES AND PROFILES.
7	INSTALL NEW PRESSURE TREATED WOOD RAMP, HANDRAILS, AS DETAILED AND INDICATED IN THE DRAWINGS TO MATCH ADJACENT PORCH PROFILES.
8	REINSTALL EXISTING ENTRY CANOPY. SUPPLEMENT MISSING/DAMAGED ELEMENTS TO MATCH ORIGINAL CONSTRUCTION.
9	REBUILD NEW SIDE PORCH AND CANOPY. INSTALL NEW PRESSURE TREATED WOOD POST, BALUSTRADE, HANDRAILS, AND WOOD TREADS/RISERS AS DETAILED AND INDICATED IN THE DRAWINGS TO MATCH ENTRYWAY PORCH PROFILES.
10	PROVIDE 5' X 5' LEVEL CONCRETE LANDING AT BOTTOM OF RAMP AND STAIRS AS DETAILED.
	WINDOW AND DOOR RESTORATION:
11	NOTE: PAINT SAMPLING TESTED POSITIVE FOR LEAD AND GLAZING COMPOUND TESTED POSITIVE FOR ASBESTOS CONTAINING MATERIAL.
12	<ul> <li>A. CUT OUT, SCRAPE AND REMOVE ALL EXISTING PERIMETER GLAZING COMPOUND BETWEEN GLASS AND WOOD MUTTONS AND SASH OF ALL EXTERIOR WINDOWS AND TRANSOMS UNLESS NOTED OTHERWISE. COMPLY WITH ABATEMENT PROCEDURES FOR ASBESTOS CONTAINING GLAZING COMPOUND.</li> <li>B. REPLACE ALL SEVERELY DETERIORATED WINDOW AND DOOR COMPONENTS WITH NEW COMPONENTS TO MATCH EXISTING. AT SMALL AREAS OF WOOD ROT, CONTRACTOR TO REMOVE ALL LOOSE AND UNSALVAGEABLE WOOD TO SOUND SUBSTRATE. ALL SOFT BUT SALVAGEABLE WOOD SHALL BE SATURATED WITH MINWAX WOOD HARDENER AND RESTORED WITH MINWAX EPOXY WOOD FILLER TO MATCH EXISTING WOOD PROFILES.</li> <li>C. CLEAN RABBET GROOVE OF WOOD WINDOW MUNTINS AND SASH OF ALL OLD GLAZING COMPOUND AND PAINT TO BARE WOOD. SAND, SEAL WITH LINSEED OIL AND PRIME WITH OIL BASED PRIMER. REPLACE ALL BROKEN GLASS WITH NEW HISTORIC GLASS TO MATCH EXISTING, SECURE NEW AND EXISTING GLASS WITH NEW HISTORIC GLASS TO MATCH EXISTING, SECURE NEW AND EXISTING GLASS WITH PUSH POINTS.</li> <li>D. MILDEW PREVENTIVE (M-1) TO BE ADDED TO LINSEED OIL, GLAZING COMPOUND, PRIMERS AND PAINT.</li> <li>E. REGLAZE ALL WOOD EXTERIOR WINDOWS, CONTRACTOR TO CLEAN AND PREPARE, PRIME AND GLAZE WOOD WINDOW FOR APPROVAL TO BE BASIS FOR QUALITY CONTROL.</li> <li>F. PRIME (OIL BASED PRIMER) AND PAINT 2 COATS OVER GLAZING COMPOUND AT ALL EXTERIOR WINDOWS. CLEAN, PRIME, AND PAINT EXTERIOR AND INTERIOR OF WINDOWS AND CASING WITH PREMIUM PAINT/COATING SYSTEM.</li> <li>PAINTING:</li> <li>BASE BID TO INCLUDE LEAD PAINT ENCAPSULATION ON ALL ELEVATIONS. ENCAPSULATION SHALL INCLUDE SCRAPING LOOSE PAINT AND PREPARING SUBSTRATE AS NECESSARY. ALL</li> </ul>
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14	APPLY PRIMER/BOND COAT AND 2 COATS ACRYLIC PAINT COATING SYSTEM TO CLEANED AND PREPARED, PREVIOUSLY PAINTED SIDING, NEW MASONRY SURFACES, HORIZONTAL BANDS, REVEALS, COLUMNS, GABLE END WALLS OVER EXTERIOR OF BUILDING IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS UNLESS NOTED OTHERWISE. APPLY PRIMER/BOND COAT AND 2 COATS PREMIUM EXTERIOR ACRYLIC COATING TO MATCH EXISTING. PRIME SURFACES AS REQUIRED BY COATING MANUFACTURER AND PROVIDE WRITTEN APPROVAL OF SUBSTRATE (AND PREPARATION) FROM COATING MANUFACTURER. FINAL COLOR SHALL BE SELECTED/APPROVED BY ARCHITECT AND OWNER FROM PAINTED SAMPLE PANEL AREA. COLORS TO BE SIMILAR TO, OR MATCH EXISTING.
15	PREVIOUSLY PAINTED WINDOW FRAMES TO BE CLEANED PERIMETER SEALANT BONDFACE. CLEAN, PRIME, AND PAINT WINDOW FRAMES FOLLOWING SEALANT WORK AS SPECIFIED.

<u>INTERIOR:</u>

ON INTERIOR, INSTALL NEW TRIM IN MATCHING PROFILES WHERE EXISTING TRIM IS MISSING/DAMAGED. RENAIL EXISTING BEADBOARD CEILINGS, WALLS, AND VARIOUS TRIM THAT ARE NOT BE FASTENED SECURELY. WHERE FACE NAILING IS NECESSARY, SINK NAILHEADS BELOW SURFACE OF WOOD. CLEAN, CAULK, PRIME AND PAINT WOOD CEILINGS, WALLS, TRIM, FRAMES, MOLDINGS, ETC. COLORS TO BE CHOSEN BY ARCHITECT AND OWNER.

#### WOOD FLOORING:

[17] CAREFULLY REMOVE EXISTING OAK WOOD FLOORING. CONTRACTOR SHALL INSTALL NEW P.T. 2x BLOCKING/SISTERS ON EITHER SIDE OF EXISTING POLE FRAMING. FASTEN TO POLE FRAMING USING 4" WOOD SCREWS IN A STAGGERED PATTERN AT 8" O.C. 3/4" TONGUE AND GROOVE WITH PLYWOOD SUBFLOOR. INSTALL NEW SOLID HEART PINEWOOD FLOORING SYSTEM. INSTALL NEW WOOD THRESHOLD AT DOORS (MAX. 1/2" HEIGHT DIFFERENTIAL) TO MATCH EXISTING DOOR HEIGHT. LIGHT SAND AND SEAL WITH SATIN URETHANE FINISH. NEW FLOORING IN STAGE AREA TO MATCH EXISTING HEIGHT INCREASE.INSTALL NEW TRIM IN MATCHING PROFILES WHERE EXISTING TRIM IS MISSING.

#### ELECTRICAL:

18 INSTALL NEW ELECTRICAL PANEL SYSTEM. ELECTRICAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS. CONTRACTOR SHALL COORDINATE WITH CITY UTILITIES FOR POLE FEEDER LINE INSTALLATION. INSTALL NEW LIGHTING CIRCUITS FOR CEILING FIXTURES, SALVAGE/REPLACE AS NEEDED TO MATCH EXISTING MASON JAR PENDANTS. REFEED EXISTING POWER CONDUITS, CONDUCTORS AND LIGHTING AND INSTALL NEW INTERRUPTERS AND SWITCHES. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PROPOSED LIGHTING FIXTURES FOR OWNER AND ARCHITECTS APPROVAL.

![](_page_32_Picture_11.jpeg)

CONSULTANTS

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WORK	NO	ΓES

	SIDING REPAIR:	
2	REMOVE AND SALVAGE EXISTING COVE SHIPLAP SIDING ON EAST AND WEST FAÇADE TO NEAREST FRAMING MEMBER AND INSTALL NEW SHEATHING TO HOLD PLUMB, VAPOR BARRIER AND SALVAGED WOOD SIDING STAGGERED. CONTRACTOR TO SUPPLEMENT SIDING TO MATCH EXISTING SPECIES AND PROFILES. BACK PRIME NEW SIDING WITH PREMIUM OIL BASED PRIMER, PRIOR TO INSTALLATION, SEAL ALL END GRAIN OF REPLACEMENT WOOD SIDING.	
	BASE BID TO INCLUDE 200 BOARD FOOT OF DETERIORATION WOOD REPLACEMENT OF EXISTING SIDING. ADD/DEDUCT OF \$/BOARD FOOT FOR ADDITIONAL WOOD DETERIORATION REPLACEMENT.	
	PORCH:	
6	REMOVE AND SALVAGE EXISTING STAIRS AND PORCH AT MAIN ENTRYWAY. CONTRACTOR TO SUPPLEMENT MISSING POSTS, BALUSTRADES, AND DECKING TO MATCH EXISTING SPECIES, SIZE AND PROFILES.	
7	INSTALL NEW PRESSURE TREATED WOOD RAMP, HANDRAILS, AS DETAILED AND INDICATED IN THE DRAWINGS TO MATCH ADJACENT PORCH PROFILES.	
8	REINSTALL EXISTING ENTRY CANOPY. SUPPLEMENT MISSING/DAMAGED ELEMENTS TO MATCH ORIGINAL CONSTRUCTION.	
9	REBUILD NEW SIDE PORCH AND CANOPY. INSTALL NEW PRESSURE TREATED WOOD POST, BALUSTRADE, HANDRAILS, AND WOOD TREADS/RISERS AS DETAILED AND INDICATED IN THE DRAWINGS TO MATCH ENTRYWAY PORCH PROFILES.	
10	PROVIDE A LEVEL CONCRETE LANDING AT BOTTOM OF RAMP AND STAIRS, AS DETAILED.	
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11	NOTE: PAINT SAMPLING TESTED POSITIVE FOR LEAD AND GLAZING COMPOUND TESTED POSITIVE FOR ASBESTOS CONTAINING MATERIAL.	
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\*SEE SHEET AOO FOR ALL WORK NOTES

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EXTERIOR
ELEVATIONS
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