

INVITATION FOR BID (IFB)

GC2018092557: City of Quincy – WWTP – Animal Control Building: 014005



DESCRIPTION: Furnish all required labor, materials and equipment necessary to provide Scope-of-Service at the described location. Work is being authorized by SynergyNDS as part of the TurnKey Recovery ProgramSM in limited liability partnership with the Florida Municipal Insurance Trust (FMIT).

LOCATION: City of Quincy | WWTP – Animal Control Building | Roof Replacement | 300 N. GF and A Dr., Quincy, FL 32351

SUBMITTAL INSTRUCTIONS: For purposes of generating bid - IFB Packet includes scope specifications and bid sheet specific to referenced project.

- Bids shall be received no later than **08/08/19**
 - Bids Shall be Mailed to: SynergyNDS
8 Harrison Ave.
Panama City, FL 32401
 - Bids shall be submitted in a sealed envelope.
 - Bids will be opened at City of Quincy City Hall on August 9th at 2PM EST.

Include Subject Line Reference: **GC2018092557: City of Quincy – WWTP – Animal Control Building: 014005**

- Contractor is required to identify and validate all necessary task items, measurements/dimensions &/or other applicable conditions in support of described scope-of-work. Contractor's Bid is to account for all work to be performed in accordance to trade standards and as required by Ordinance & Law (whether or not a 3rd Party Professional has provided additional comment/support material).
- Bid shall be completed and submitted using **ONLY** the **Contractor Submittal Form** (provided at the end of the IFB Packet).
- Bid award will be made based on best overall LUMP SUM project value as determined by SynergyNDS in accordance to market valuation, project demands &/or critical path. Contributing

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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.

- Bids received after above deadline or that are not submitted in accordance to Submittal Instructions may be rejected without further explanation or contractor notification.
- SynergyNDS reserves the right to modify this IFB at any time during the bid process. Timely notice to all bidders will be given.

RETURN BID TO:

SynergyNDS / Hurricane Michael Recovery
8 Harrison Ave.
Panama City, FL 32401

Request On-Site Project Visit by emailing bids@synergynds.com

SCOPE OF WORK: Scope includes labor, tools, equipment, PPE, materials, supervision, and insurance necessary to complete the work described in general below. All scope-of-work shall be completed in accordance to manufacture specifications, building codes and applicable industry standards. Work is to begin no later than 2 weeks from contract award notification. Work period is expected to be 28 days of start to project. Number of days does not include weather delays. All weather delays shall be communicated with SynergyNDS. Any concerns with timeline is to be discussed with onsite project manager and an email is to be sent to admin@synergynds.com for contract documentation.

1. Roof Replacement:

- The location will require that all damaged roof and trusses be completely demoed and removed from the building.
 - Building is a 1344 SF CMU Wall Building.
- Demo of the truss system will be brought all the way back to the top plate.
- Contractor is to provide and install clear span engineered truss per attached engineer drawings.
- All trusses shall be properly attached to the top plate with code approved hurricane straps.
- Provide and install all roof sheathing.
 - Roof sheathing shall be minimum 15/32" structural plywood.
 - All roof sheathing shall be properly clipped and nailed per code requirements.
- Provide documentation of proposed roofing system. This shall include the Florida Product Approval Sheet.
- Provide a copy of a warranty information with the bid packet.
 - Minimum 5 year labor warranty.
 - Minimum 20 year material warranty.

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- Areas are to be properly secured to prevent unauthorized entry into the work areas.
- Provide and install peel and stick ice & water shield over entire field.
- Provide and install all drip edge.
- Provide and install approved architectural shingle roofing system.
- Provide and install all required flashing and/or boots for roof penetrations.
- Contractor is to protect the surrounding areas from damage.
 - Contractor is responsible for any damage to exterior areas.
- Material storage is the responsibility of the contractor.
 - The City of Quincy, FMIT, SynergyNDS, and/or any other representatives shall not be held responsible for theft, loss of, damage to, and/or missing of any supplies on the location.
- All generated waste shall be properly disposed of in provided dumpsters.
 - Contractor shall communicate in advance of need for swap of roll-off dumpsters to prevent delays in roof replacement process.
- Any variation from proposed system shall only be approved by SynergyNDS.

All contractors and their representatives shall conduct themselves accordingly to be working around the public and government owned locations.

- Proper clothing shall be worn at all times.
- No offensive clothing shall be worn while on location.
- No offensive language shall be used while on location.
- All complaints from staff, county personnel, and/or visitors to the location will be taken seriously and contractor will be held responsible for their employee and/or subcontractors' actions.
- No loud music while on the job site.
- Work area is to remain clean and free of debris at all times.
- The use of and/or possession of alcohol or illegal drugs will not be tolerated. If found, the employee and/or subcontractor will be asked to leave the location and may be subject to criminal proceedings.

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GENERAL TERMS & CONDITIONS (Not otherwise specified under SUBMITTALS)

- Contractor shall abide by all applicable federal, state, and local regulations including those mandated by Law & Ordinance (codes & standards).
- Contractor is to obtain their own permits. 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 with proper documentation.
- Contractor is required to call in for all required inspections from the Building Dept or other administering entity. Proper documentation and jobsite posting is required.
- Contractor is to abide by all applicable OSHA requirements and standards. Contractor shall require all employees to utilize proper PPE, including but not limited to: fall protection harnesses, hard hats, safety glasses, safety foot wear, and gloves.
- Contractor may be asked to provide Material Safety Data Sheets (MSDS) to the industrial hygienist of record (IHC, Corp.) 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.
- Contractor shall be responsible for supplying any and all necessary equipment, tools and materials 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, Overhead & Profit which are to be included in the IFB Contractor Lump Sum Proposal.
- Contractor shall keep the Project Site and the surrounding areas free from the accumulation of waste materials, debris, etc. caused by operations performed under this Scope of Work. Upon completion, the contractor shall remove from Project Site, and surrounding areas:
 - Any waste materials, debris, etc. caused by completing the outlined Scope of Work.
 - Any tools, cleaning equipment, machinery, surplus materials originally furnished by the contractor
- The contractor shall be responsible for field verifying all conditions prior to implementation of the scope of work outside of any additional 3rd Party Professional assessment.
- The contractor shall provide and implement a site-specific health and safety plan to include hazard communication and related OSHA.

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- The contractor is responsible to ensure that any sub-contractors comply with the provisions and terms of this scope of work.
- The 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.
- If the contractor determines that deviations, modifications (change order or supplemental costs) from the initial scope-of-work are required, the Contractor shall submit a written request to SynergyNDS for review and approval prior to start of any additional work not otherwise included in initial BID. The written request will contain, at a minimum:
 - Reason for deviation or modification
 - Description of deviation or modification
 - Estimated time required for deviation or modification
 - Project cost addition or subtraction for deviation or modification
- The 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.
- During the cleaning work, pre-existing damage to the building, building system failures, etc. may be found. If this occurs, the contractor will identify, document and record these deficiencies for review and consideration. The item shall be described, the location of the item shall be noted, the date the item was discovered and why the item was discovered. The contractor shall notify the Project Manager of any additional discoveries.

PAYMENT: Project is managed by SynergyNDS, Inc., under the FMIT Turnkey Recovery Direct Repair Program. Payment will be made directly from the Turnkey Recovery Managed Direct Repair Program 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 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

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submitted to SynergyNDS for project audit prior to payment. *Material Deposits &/or Advanced Payments require Contractor to complete online registration in the FMIT 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: FMIT &/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, experience in completing projects of similar size and complexity, ability 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 work day.
- 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.
- Waste materials transported from the bag out unit must be moved in a fashion that prevents spreading contamination outside the work area.

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

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

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

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

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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:

- limited openings for entry or exit;
- unfavorable natural ventilation; or
- 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.

CONTRACT IMPLEMENTATION: Contract will be awarded upon review of all bids and proposals received by SynergyNDS. Initiation of contract is engaged upon written bid award letter. At such time, Contractor signed Request for Service Pricing (RFP) will serve as Contract. Complete Contract engagement will occur upon SynergyNDS receipt of all required documentation including but not limited to:

- Bonding (Performance Bond &/or Payment Bond)
- Certificate of General Liability Insurance
- Certificate of Auto Insurance
- Certificate of Worker's Compensation or Letter of Exemption
- Contractor's W-9
- State Licenses

Further description of insurance requirements is listed in "Insurance & Licensing Requirements."

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 the Purchasing Agent. Such acceptance shall be at the sole discretion of the SynergyNDS upon request of the Contractor. Upon approved and executed written authorization, Contractor will be responsible for coordination of work with other trades. Failure to coordinate this work 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

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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.

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.

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: (a) 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: (1) are not reasonably available in a reasonable period of time; (2) fail to meet reasonable performance standards, which shall be determined on the basis of the guidelines of the National Institute of Standards and Technology; (3) are only available at un price.

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

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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 <http://www.synergyfmit.com/> click managed programs tab, then click on managed vendor program 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.

- 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.
- 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.
- 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.
- Builder's Work Insurance limit of at least \$5,000.00 per occurrence and \$10,000.00 aggregate.
- Professional Liability \$1,000,000 per occurrence (if applicable).

Contractor will not allow insurance coverage to lapse and will provide Turnkey Recovery Project Manager with updated Certificates of Insurance as necessary. All policies must provide that at least thirty (30) days' notice of cancellation will be given to the FMIT Project Manager and the contractor.

The certificate holder(s) must be noted as:

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

Additional MANAGED PROGRAM INFORMATION is available at www.synergyfmit.com in support of:

- FMIT TurnKey Recovery
- MVP (Managed Vendor Program)
- FastTrack (Contractor Upfront Payment & Load Program).

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FEDERAL TERMS: Contracts issued by SynergyNDS to the Vendor are subject to federal terms in this document. By performing the work, Vendor has accepted these terms.

MAINTENANCE OF RECORDS

CONTRACTOR shall maintain all books, records, and documents directly pertinent to performance under this Agreement in accordance with generally accepted accounting principles consistently applied. Records shall be retained for a period of seven years from the termination of this agreement or for a period of five years from the submission of the final expenditure report as per 2 CFR §200.333, whichever is greater. Each party to this Agreement or its authorized representatives shall have reasonable and timely access to such records of each other party to this Agreement for public records purposes during the term of the Agreement and for four years following the termination of this Agreement. If an auditor employed by SynergyNDS or Clerk determines that monies paid to CONTRACTOR pursuant to this Agreement were spent for purposes not authorized by this Agreement, or were wrongfully retained by the CONTRACTOR, the CONTRACTOR shall repay the monies together with interest calculated pursuant to Sec. 55.03, of the Florida Statutes, running from the date the monies were paid by SynergyNDS.

TERMINATION

A. In the event that the CONTRACTOR shall be found to be negligent in any aspect of service, SynergyNDS shall have the right to terminate this agreement after five days written notification to the CONTRACTOR.

B. Either of the parties hereto may cancel this Agreement without cause by giving the other party sixty (60) days written notice of its intention to do so.

C. Termination for Cause and Remedies: In the event of breach of any contract terms, SynergyNDS retains the right to terminate this Agreement. SynergyNDS may also terminate this agreement for cause with CONTRACTOR should CONTRACTOR fail to perform the covenants herein contained at the time and in the manner herein provided. In the event of such termination, prior to termination, SynergyNDS shall provide CONTRACTOR with five (5) calendar days' notice and provide the CONTRACTOR with an opportunity to cure the breach that has occurred. If the breach is not cured, the Agreement will be terminated for cause. If SynergyNDS terminates this agreement with the CONTRACTOR, SYNERGYNDS shall pay CONTRACTOR the sum due the CONTRACTOR under this agreement prior to termination, unless the cost of completion to SynergyNDS exceeds the funds remaining in the contract; however, SynergyNDS reserves the right to assert and seek an offset for damages caused by the breach. The maximum amount due to CONTRACTOR shall not in any event exceed the spending cap in this Agreement. In addition, SynergyNDS reserves all rights available to recoup monies paid under this Agreement, including the right to sue for breach of contract.

D. Termination for Convenience: SynergyNDS may terminate this Agreement for convenience, at any time, upon one (1) weeks' notice to CONTRACTOR. If SynergyNDS terminates this agreement with the

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CONTRACTOR, SYNERGYNDS shall pay CONTRACTOR the sum due the CONTRACTOR under this agreement prior to termination, unless the cost of completion to SynergyNDS exceeds the funds remaining in the contract. The maximum amount due to CONTRACTOR shall not exceed the spending cap in this Agreement. In addition, SynergyNDS reserves all rights available to recoup monies paid under this Agreement, including the right to sue for breach of contract.

NONDISCRIMINATION/EQUAL EMPLOYMENT OPPORTUNITY

CONTRACTOR and SYNERGYNDS agree that there will be no discrimination against any person, and it is expressly understood that upon a determination by a court of competent jurisdiction that discrimination has occurred, this Agreement automatically terminates without any further action on the part of any party, effective the date of the court order. CONTRACTOR or SYNERGYNDS agrees to comply with all Federal and Florida statutes, and all local ordinances, as applicable, relating to nondiscrimination. These include but are not limited to: 1) Title VII of the Civil Rights Act of 1964 (PL 88-352) which prohibits discrimination on the basis of race, color or national origin; 2) Title IX of the Education Amendment of 1972, as amended (20 USC ss. 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; 3) Section 504 of the Rehabilitation Act of 1973, as amended (20 USC s. 794), which prohibits discrimination on the basis of handicaps; 4) The Age Discrimination Act of 1975, as amended (42 USC ss. 6101-6107) which prohibits discrimination on the basis of age; 5) The Drug Abuse Office and Treatment Act of 1972 (PL 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; 6) The Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (PL 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; 7) The Public Health Service Act of 1912, ss. 523 and 527 (42 USC ss. 690dd-3 and 290ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; 8) Title VIII of the Civil Rights Act of 1968 (42 USC s. 3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; 9) The Americans with Disabilities Act of 1990 (42 USC s. 12101 Note), as may be amended from time to time, relating to nondiscrimination on the basis of disability; 10) Any other nondiscrimination provisions in any Federal or state statutes which may apply to the parties to, or the subject matter of, this Agreement.

To the extent required by Federal program legislation, including FEMA grant and cooperative agreement programs, During the performance of this Agreement, the CONTRACTOR, in accordance with *Equal Employment Opportunity* (30 Fed. Reg. 12319, 12935, 3 C.F.R. Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, *Amending Executive Order 11246 Relating to Equal Employment Opportunity*, and implementing regulations at 41C.F.R. Part 60 (Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor). See 2 C.F.R. Part 200, Appendix II, ¶ C, agrees as follows:

1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without

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regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.

2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.3) The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.

4) The contractor will send to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, a notice to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's commitments under section 202 of Executive Order 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

5) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

6) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

7) In the event of the contractor's non-compliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be canceled, terminated or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other

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sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

FEDERAL CONTRACT REQUIREMENTS

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

INVITATION FOR BID (IFB)

GC2018092557: City of Quincy – WWTP – Animal Control Building: 014005

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 \$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

INVITATION FOR BID (IFB)

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12549 (3 CFR part 1986 Comp., p. 189) and 12689(3 CFR part 1989 Comp., p. 235), “Debarment and Suspension.” SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

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

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

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

INVITATION FOR BID (IFB)

GC2018092557: City of Quincy – WWTP – Animal Control Building: 014005

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:

(1) Placing qualified small and minority businesses and women's business enterprises on solicitation lists;

(2) Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;

(3) 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;

(4) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises;

(5) 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.

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

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

9.31 If attached, the CONTRACTOR is bound by the terms and conditions of the Federally-Funded Subaward and Grant Agreement between SYNERGYNDS and the 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.

INVITATION FOR BID (IFB)

GC2018092557: City of Quincy – WWTP – Animal Control Building: 014005

This DOES NOT represent a commitment to buy. Any ACTUAL order resulting from this solicitation will be confirmed by Contract Engagement.

CONTRACTOR SUBMITTAL FORM

Company Name _____

Address: _____

City _____ State _____ Zip _____

Phone No _____ Email _____

I, the undersigned, have read and understood all applicable Terms & Conditions as described in the IFB Packet preceding the attached Contractor Submittal Form.

Company Contact _____ Title _____

Signature: _____ Date: _____

LUMP SUM PROPOSAL – SUBMITTAL DEADLINE 08-08-19

Location #: 014005 WWTP – Animal Control Building: Roof Replacement

\$ _____

☐ Required | ☐ Requested | Material Deposit \$ _____

*Material Deposits &/or Advanced Payments require Contractor to complete online registration in the FMIT 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.

RETURN BID TO:

SynergyNDS / Hurricane Michael Recovery
8 Harrison Ave.
Panama City, FL 32401

Include Reference: GC2018092557: City of Quincy – WWTP – Animal Control Building: 014005

Structural Repairs for the WWTP - Animal Control Building

300 N. GF and A Drive
Quincy, FL 32351

DRAWING LIST

- G000 DRAWING LIST, PROJECT SCOPE, & DESIGN CRITERIA
- G001 STRUCTURAL NOTES
- G100 AREA PLAN & SCHEMATIC SITE PLAN
- S100 ROOF FRAMING
- S101 DETAILS

Project Scope & Design Code Criteria

PROJECT SCOPE

1. THE INTENT OF THESE DRAWINGS IS TO PROVIDE STRUCTURAL REPAIRS TO THE WWTP ANIMAL CONTROL BUILDING AFTER IT SUSTAINED DAMAGE DUE TO A TREE IMPACT.
2. THE STRUCTURAL DAMAGE TO BE REPAIRED WAS LIMITED TO THE ROOF FRAMING. THE EXTENT OF THE STRUCTURAL DAMAGE DOES NOT MEET THE CODE REQUIREMENTS FOR "SUBSTANTIAL DAMAGE" TO THE BUILDING.
3. THE DRAWINGS DETAIL THE SCOPE OF STRUCTURAL WORK TO BE PERFORMED. NON-STRUCTURAL REPAIRS SUCH AS EXTERIOR WALL FINISHES, CEILING FINISHES, ETC. WILL BE REPAIRED WITH LIKE-KIND MATERIALS AS DETERMINED BY THE CONTRACTOR IN COMPLIANCE WITH THE 2017 FLORIDA STATE BUILDING CODE AND LOCAL BUILDING CODE AMENDMENTS.

DESIGN CODE CRITERIA

- 1.CONSTRUCTION SHALL FOLLOW THE REQUIREMENTS OF THE FOLLOWING CODES AND AMENDMENTS AS ADOPTED BY THE CITY OF QUINCY IN THE STATE OF FLORIDA: THE 2017 FLORIDA STATE BUILDING CODE WITH LOCAL BUILDING CODE AMENDMENTS.

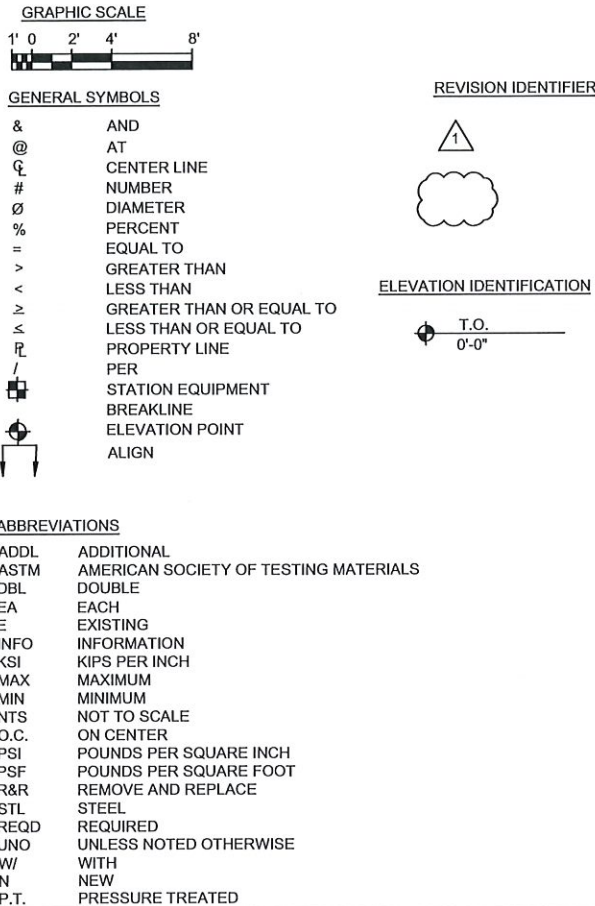
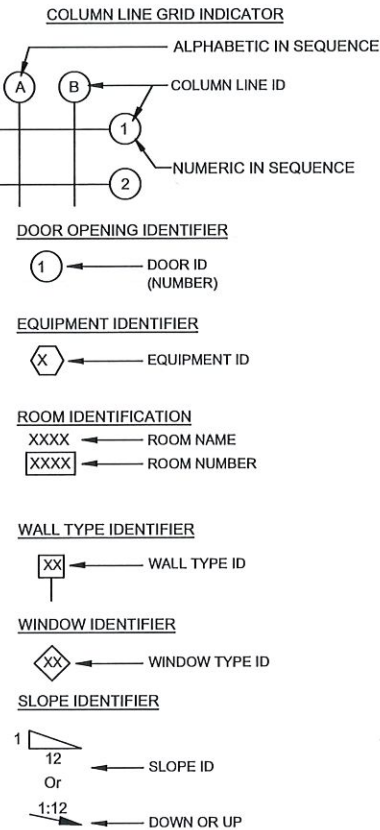
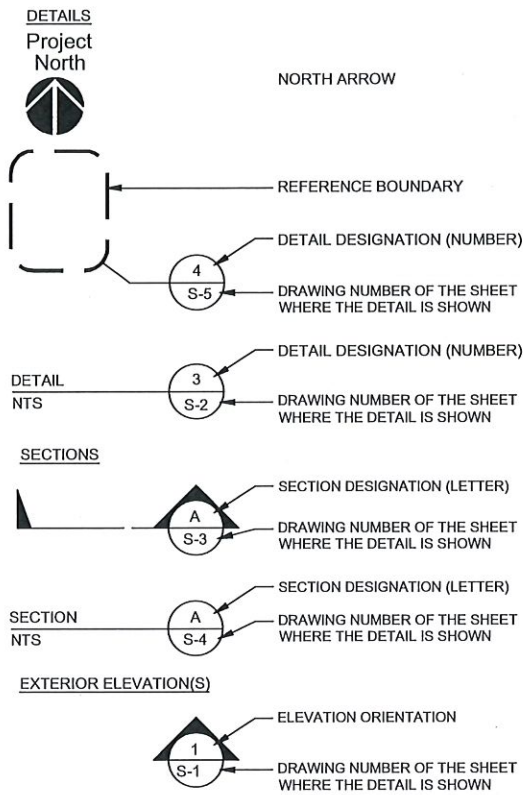
2.DESIGN LOAD CRITERIA (ASCE 7-10):

ROOF:	
LIVE LOAD	20 PSF
DEAD LOAD	15 PSF

Design Code Criteria Cont'd

WIND:		
BASIC WIND SPEED - 3 SEC GUST (ULT)		115 MPH
TOPOGRAPHIC FACTOR (Kzt)		1.0
WIND IMPORTANCE FACTOR (Iw)		1.0
EXPOSURE CATEGORY		"B"
ENCLOSURE CLASSIFICATION		ENCLOSED
GCpi		+/- 0.18
SEE 3/S101 FOR UPLIFT PRESSURES		
SEISMIC:		
SEISMIC OCCUPANCY CATEGORY		"I"
SEISMIC IMPORTANCE FACTOR (Ie)		1.0
REDUNDANCY FACTOR, RHO (N-S)		1.0
REDUNDANCY FACTOR, RHO (E-W)		1.0
MAPPED SPECTRAL RESPONSE ACCELERATIONS:		
Ss = 0.074g		
S1 = 0.051g		
SITE CLASS		"D"
SPECTRAL RESPONSE COEFFICIENTS:		
Sds = 0.079g		
Sd1 = 0.083g		
SEISMIC DESIGN CATEGORY		"B"
RESPONSE MODIFICATION FACTOR, R		6.5
SEISMIC FORCE RESISTANCE SYSTEM:		
WOOD PANEL SHEAR WALLS		
ANALYSIS PROCEDURE:		
EQUIVALENT LATERAL FORCE		
SEISMIC RESPONSE COEFFICIENT (Cs)		0.012

Symbols



826 Creighton Road, Suite 101A
Pensacola, FL 32504
Tel: (850) 475-1378
RBC No. 32063

CONSULTANTS:

DATE	ISSUE	DESCRIPTION
6/17/2019	FIRST ISSUE	

CLIENT:

SynergyNDS
1400 Sarno Road
Melbourne, FL 32935

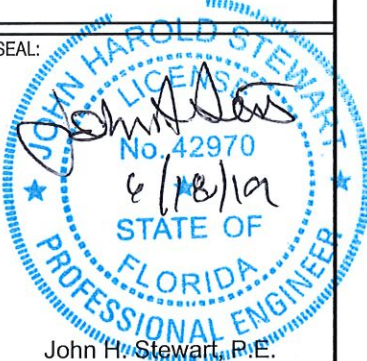
PROJECT:

City of Quincy WWTP
- Tree Impact
300 N. GF and A Drive,
Quincy, FL 32351

ISSUE SET:

FOR CONSTRUCTION

SEAL:



John H. Stewart, P.E.
FL Registered Engineer
License No. 42970

DRAWING TITLE:

DRAWING LIST
PROJECT SCOPE
DESIGN CRITERIA

DRAWN BY: AMC	REVIEWED BY: JHS
JOB #:	100002996
DATE: 6/17/2019	SCALE: AS NOTED

PAGE:

G000
Revision: 0

STRUCTURAL NOTES

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND ACCESSIBILITY PRIOR TO BEGINNING WORK. ANY DISCREPANCIES FOUND SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER. ANY NECESSARY ADJUSTMENTS SHALL BE MADE PER PROJECT ENGINEER'S WRITTEN DIRECTION
2. ALL DESIGN CHANGES SHALL BE SUBMITTED IN WRITING FOR REVIEW BY THE PROJECT ENGINEER
3. ALL WRITTEN DIMENSIONS PER PLAN TAKE PRECEDENCE OVER SCALED DIMENSIONS
4. CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES INVOLVED
5. CONSTRUCTION DETAILS AND FEATURES SHOWN ON DRAWINGS ARE TYPICAL AND SHALL BE APPLIED GENERALLY THROUGHOUT THE ENTIRE PROJECT AT SIMILAR CONDITIONS
6. NOTES AND DETAILS LABELED AS TYPICAL, IF INCLUDED, SHALL BE USED UNLESS SPECIFIC NOTES AND DETAILS ARE SHOWN ELSEWHERE WHERE THEY ARE TO BE APPLIED
7. ALL MATERIALS SHOWN OR CALLED FOR ON THESE PLANS SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS FOR THE PROPOSED WORK
9. THE COORDINATION OF ALL REQUIRED BUILDING DEPARTMENT INSPECTION IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL MAKE EVERY EFFORT THROUGH PROPER AND TIMELY NOTIFICATION TO ENSURE THE REPAIRS ARE COMPLETED WITH MINIMAL DELAY FOR INSPECTIONS
10. THE GENERAL CONTRACTOR SHALL DETERMINE FROM THE LOCAL BUILDING AUTHORITY, AT THE TIME THE BUILDING PERMIT IS OBTAINED, WHETHER LETTERS OF CONSTRUCTION COMPLIANCE WILL BE REQUESTED FROM THE STRUCTURAL ENGINEER. THE CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER OF ALL SUCH REQUIREMENTS PRIOR TO THE START OF CONSTRUCTION. FOUR DAY ADVANCE NOTICE SHALL BE GIVEN WHEN REQUESTING SITE VISITS NECESSARY AS THE BASIS FOR THE COMPLIANCE LETTER. THE GENERAL CONTRACTOR SHALL PROVIDE COPIES OF ALL THIRD PARTY TESTING AND INSPECTION REPORTS TO THE STRUCTURAL ENGINEER A MINIMUM OF ONE WEEK PRIOR TO THE DATE THAT THE COMPLIANCE LETTERS ARE NEEDED
11. THE STRUCTURE HAS BEEN DESIGNED TO RESIST VERTICAL AND LATERAL FORCES AFTER THE CONSTRUCTION OF ALL STRUCTURAL ELEMENTS HAVE BEEN COMPLETED. STABILITY OF THE STRUCTURE PRIOR TO COMPLETION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THIS RESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO JOB SITE SAFETY ERECTION MEANS, METHODS AND SEQUENCES. TEMPORARY SHORING, FORMWORK AND BRACING AND USE OF EQUIPMENT AND CONSTRUCTION PROCEDURES
12. ALL DIMENSIONS INDICATED ON DRAWINGS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY

STRUCTURAL WOOD

1. STRUCTURAL WOOD COMPONENTS (BEAMS, JOISTS, RAFTERS, ETC.) SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE FIBER STRESSES CONFORMING TO 2015 NDS (SIZE FACTOR INCLUDED IN STRESS VALUE):
- A. NO. 1 SOUTHERN PINE
- | | | |
|--------------|------|-----------|
| SHEAR | Fv = | 175 PSI |
| BENDING 2x4 | Fb = | 1,500 PSI |
| BENDING 2x6 | Fb = | 1,350 PSI |
| BENDING 2x8 | Fb = | 1,250 PSI |
| BENDING 2x10 | Fb = | 1,050 PSI |
| BENDING 2x12 | Fb = | 1,000 PSI |
- B. NO. 1 DOUG FIR LARCH:
- | | | |
|--------------|------|-----------|
| SHEAR | Fv = | 180 PSI |
| BENDING 2x4 | Fb = | 1,500 PSI |
| BENDING 2x6 | Fb = | 1,300 PSI |
| BENDING 2x8 | Fb = | 1,200 PSI |
| BENDING 2x10 | Fb = | 1,100 PSI |
| BENDING 2x12 | Fb = | 1,000 PSI |
2. STRUCTURAL WOOD COMPONENTS FOR STUDS, POSTS AND MISCELLANEOUS FRAMING MEMBERS SHALL BE SOUTHERN PINE NO. 2, DOUG FIR LARCH NO. 2 OR BETTER.
3. ALL WOOD SHALL BE PRESSURE TREATED IN ACCORDANCE WITH AWPA U1.
4. WOOD FRAMING CONNECTORS: ALL CONNECTORS SHALL BE TYPE 316L STAINLESS STEEL. CONNECTOR MODEL NUMBERS SHOWN ON PLANS ARE STRONG-TIE CONNECTORS AS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY.
5. SUBSTITUTIONS ARE ACCEPTABLE WITH THE APPROVAL OF THE PROJECT ENGINEER. UNLESS SHOWN OTHERWISE, INSTALL SIZE AND NUMBER OF FASTENERS SHOWN IN THE LATEST SIMPSON CATALOG.
6. NAILS - COMMON TYPE RING SHANK NAILS PER ASTM F1667. IF REQUIRED, PRE-DRILL HOLES TO 3/4 OF THE DIAMETER OF THE NAIL SHANK TO PREVENT SPLITTING.
- | | |
|-----|--|
| 8D | 0.131" DIA BY 2-1/2" LONG WITH FYB=100 KSI |
| 10D | 0.148" DIA BY 3" LONG WITH FYB= 90 KSI |
| 12D | 0.148" DIA BY 3-1/4" LONG WITH FYB= 90 KSI |
| 16D | 0.162" DIA BY 3-1/2" LONG WITH FYB= 90 KSI |
7. FASTEN MULTI-PLY MEMBERS SUCH AS (2) 2X4, (2) 2X8, (3) 2X8, ETC. WITH 16d NAILS AT 12-INCHES ON CENTER, STAGGERED IN TWO ROWS AND ON BOTH SIDES OF THE MEMBER.
8. SHEATHINGS: PLYWOOD OR OSB AND SHALL BE APA RATED STRUCTURAL 1 SHEATHING EXPOSURE 1 WITH A MINIMUM SPAN RATING OF 32/16. ALL SHEATHING SHALL BEAR THE TRADEMARK STAMP "APA, THE ENGINEERED WOOD ASSOCIATION," AND SHALL CONFORM TO STANDARD PS-1 OR PS-2. THE MINIMUM SPECIFIC GRAVITY, G, SHALL BE 0.49 AND THE MOISTURE CONTENT SHALL NOT BE GREATER THAN 16% AT THE TIME OF INSTALLATION. ALL EXTERIOR SHEATHINGS SHALL BE "EXTERIOR" GRADE.
9. RING SHANK NAILS SHALL HAVE THE FOLLOWING MINIMUM DIMENSIONS:
10. BOLTS: ALL BOLT HOLES IN WOOD SHALL BE DRILLED 1/32" DIAMETER LARGER THAN NOMINAL BOLT DIAMETERS. BOLTS IN WOOD SHALL NOT BE LESS THAN 7 DIAMETERS FROM THE END AND 4 DIAMETERS FROM THE EDGE OF THE MEMBER. THREAD PROJECTION SHALL BE 1/16 INCH MINIMUM. ALL NUTS SHALL BE TIGHTENED WHEN INSTALLED AND RE-TIGHTENED AT THE COMPLETION OF WORK OR BEFORE CLOSING IN.
11. WASHERS: ALL BOLT HEADS, LAG SCREWS AND NUTS BEARING ON WOOD SHALL HAVE STANDARD CUT WASHERS.
12. REPLACE ALL FULL DEPTH BLOCKING OR BRIDGING WHEN REMOVED.
13. MOISTURE CONTENT OF WOOD AT TIME OF PLACING SHALL NOT EXCEED 19%.
14. OVER DRIVING OF NAILS THROUGH SHEARWALL, ROOF, OR FLOOR SHEATHING IS NOT ALLOWED. NAILS SHALL BE DRIVEN SO THAT THE HEADS ARE FLUSH WITH THE SURFACE OF SHEATHING.
15. MACHINE APPLIED NAILING: SUBJECT TO SATISFACTORY JOB SITE DEMONSTRATION FOR THIS PROJECT AND CONTINUED SATISFACTORY PERFORMANCE MAINTAINING EDGE DISTANCES AND WITHOUT OVERDRIVING NAILS.

STRUCTURAL NOTES-PREFABRICATED TRUSSES

1. ALL TRUSSES ARE TO CLEAR SPAN AND BEAR ON EXTERIOR WALLS UNLESS INTERIOR BEARING WALLS ARE PRESENT.
2. DIMENSIONS TO BE VERIFIED BY CONTRACTOR.
3. ROOF TRUSSES SHALL BE METAL CONNECTED WOOD TRUSSES DESIGNED AND FABRICATED IN ACCORDANCE WITH ANSI/TPI 1.
4. THE FABRICATOR SHALL SUBMIT SHOP DRAWINGS PREPARED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF FLORIDA, SUBMIT VERIFICATION OF ALLOWABLE STRESSES OF THE TRUSS PLATES TO THE PROJECT ENGINEER FOR REVIEW PRIOR TO FABRICATION.
5. THE CONTRACTOR SHALL REVIEW AND APPROVE THE SHOP DRAWINGS PRIOR TO FORWARDING TO THE PROJECT ENGINEER, VERIFICATION OF DIMENSIONS AND QUANTITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR AND ARE NOT GUARANTEED BY THE PROJECT ENGINEER.
6. THE PROJECT ENGINEER WILL REVIEW THE SHOP DRAWINGS FOR DESIGN INTENT ONLY. ALLOW 10 BUSINESS DAYS FOR REVIEW BY THE PROJECT ENGINEER FROM THE TIME THE SUBMITTALS ARE RECEIVED IN THE PROJECT ENGINEER OFFICE.
7. REVIEW OF THE SHOP DRAWINGS BY THE PROJECT ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR CORRECT FABRICATION AND CONSTRUCTION OF THE WORK.
8. SHOP DRAWINGS: THE CONTRACTOR SHALL REVIEW SHOP DRAWINGS FOR COMPLETENESS AND COMPLIANCE WITH CONTRACT DOCUMENTS. CONTRACTOR SHALL STAMP SHOP DRAWINGS PRIOR TO SUBMISSION TO PROJECT ENGINEER. THE PROJECT ENGINEER'S REVIEW OF THE SHOP DRAWINGS SHALL NOT BE CONSTRUED AS AN AUTHORIZATION TO DEVIATE FROM THE CONTRACT DOCUMENTS. ALSO, SHOP DRAWINGS WILL NOT BE PROCESSED DUE TO INCOMPLETENESS, LACK OF COORDINATION WITH RELEVANT PORTIONS OF CONTRACT DOCUMENTS, LACK OF CALCULATIONS WHEN REQUIRED, OR WHERE DEVIATIONS, MODIFICATIONS OR SUBSTITUTIONS ARE INDICATED WITHOUT PRIOR WRITTEN APPROVAL FROM THE PROJECT ENGINEER.
9. ALL STRAPPING FOR (N) TRUSSES SHALL BE SIMPSON H10S HURRICANE TIES
10. ALL PERMANENT BRACING, TEMPORARY BRACING AND BRIDGING SHALL BE DESIGNED AND SPECIFIED BY THE TRUSS MANUFACTURER.
11. EXCEPT WHERE SPECIFICALLY NOTED ON THE DRAWINGS, THE MINIMUM ASD DESIGN LOADS ON THE TRUSS SHALL BE AS FOLLOWS:
- | | |
|-------------------|--------|
| DEAD LOAD: | 15 PSF |
| LIVE LOAD: | 20 PSF |
| WIND UPLIFT LOAD: | |
| ZONE 1(FIELD) | 17 PSF |
| ZONE 2 (EDGE) | 31 PSF |
| ZONE 3 (CORNER) | 49 PSF |



RIMKUS
BUILDING CONSULTANTS

826 Creighton Road, Suite 101A
Pensacola, FL 32504
Tel: (850) 475-1378
Cert. of Auth. No. 32063

CONSULTANTS:

	ISSUE
DATE	DESCRIPTION
6/17/2019	FIRST ISSUE

CLIENT:

SynergyNDS
1400 Sarno Road
Melbourne, FL 32935

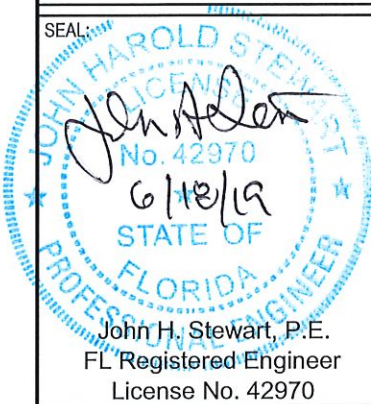
PROJECT:

City of Quincy WWTP
- Tree Impact
300 N. GF and A Drive,
Quincy, FL 32351

ISSUE SET:

FOR CONSTRUCTION

SEAL:



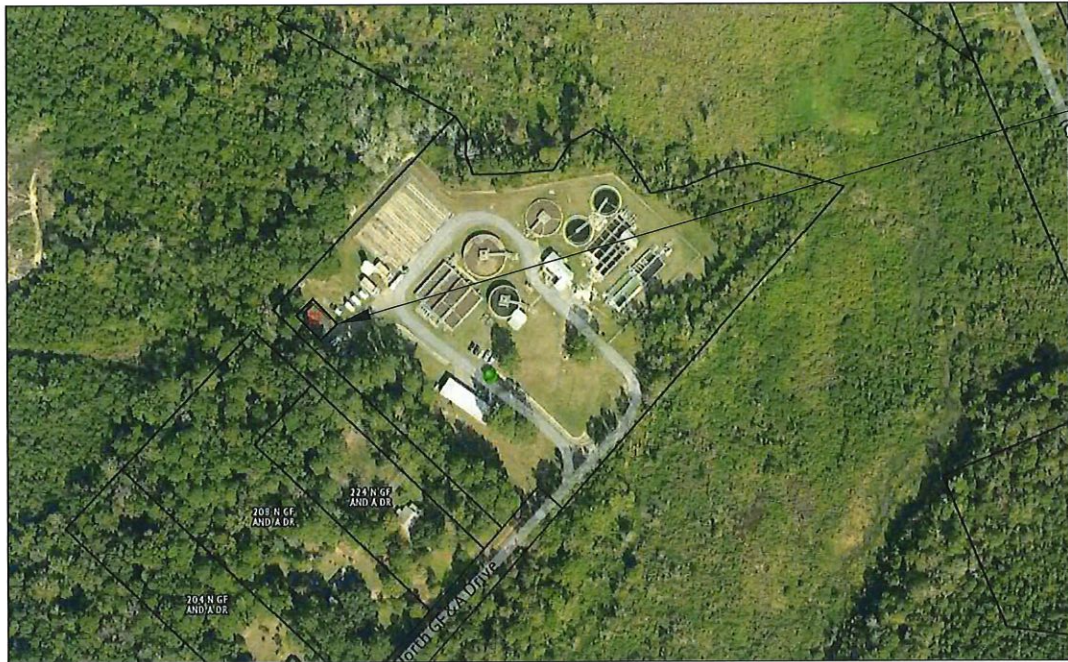
DRAWING TITLE:

STRUCTURAL
NOTES

DRAWN BY:	AMC	REVIEWED BY:	JHS
JOB #:	100002996		
DATE:	6/17/2019	SCALE:	AS NOTED

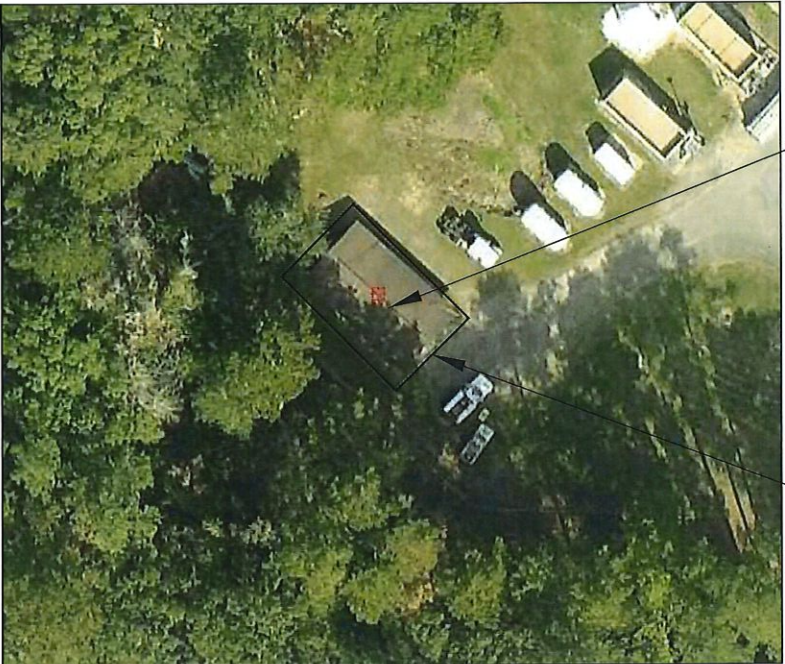
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Revision: 0



WWTP ANIMAL CONTROL
BUILDING
300 N. GF AND A DRIVE
QUINCY, FL 32351

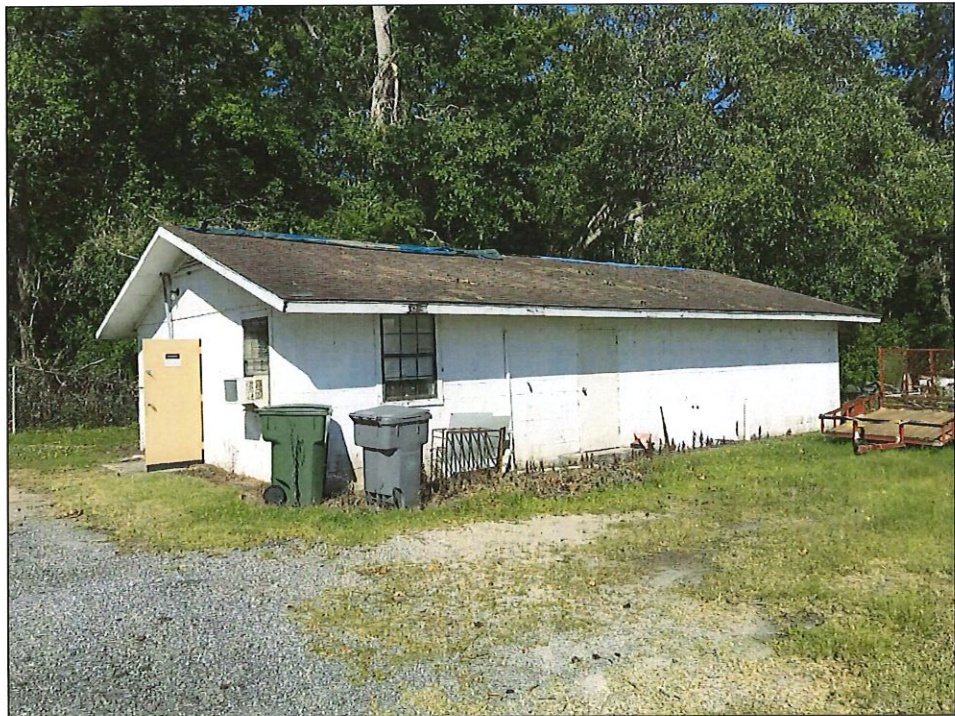
1 AREA PLAN
G100 SCALE NTS



WWTP ANIMAL CONTROL
BUILDING
300 N. GF AND A DRIVE
QUINCY, FL 32351

AREA OF WORK

2 SCHEMATIC SITE PLAN
G100 SCALE NTS



3 ELEVATION VIEW
G100 SCALE NTS



RIMKUS
BUILDING CONSULTANTS

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CONSULTANTS:

ISSUE	
DATE	DESCRIPTION
6/17/2019	FIRST ISSUE

CLIENT:

SynergyNDS
1400 Sarno Road
Melbourne, FL 32935

PROJECT:

**City of Quincy WWTP
- Tree Impact**
300 N. GF and A Drive,
Quincy, FL 32351

ISSUE SET:

FOR CONSTRUCTION

SEAL

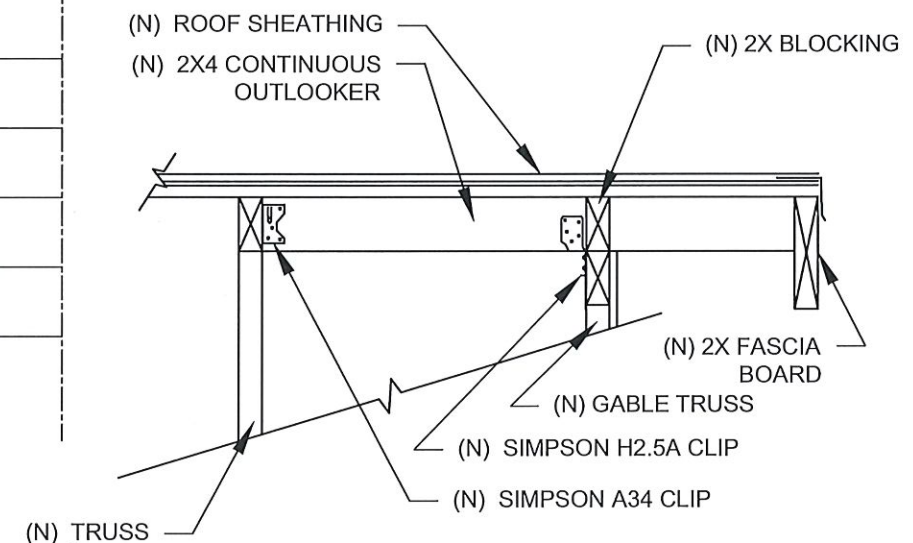
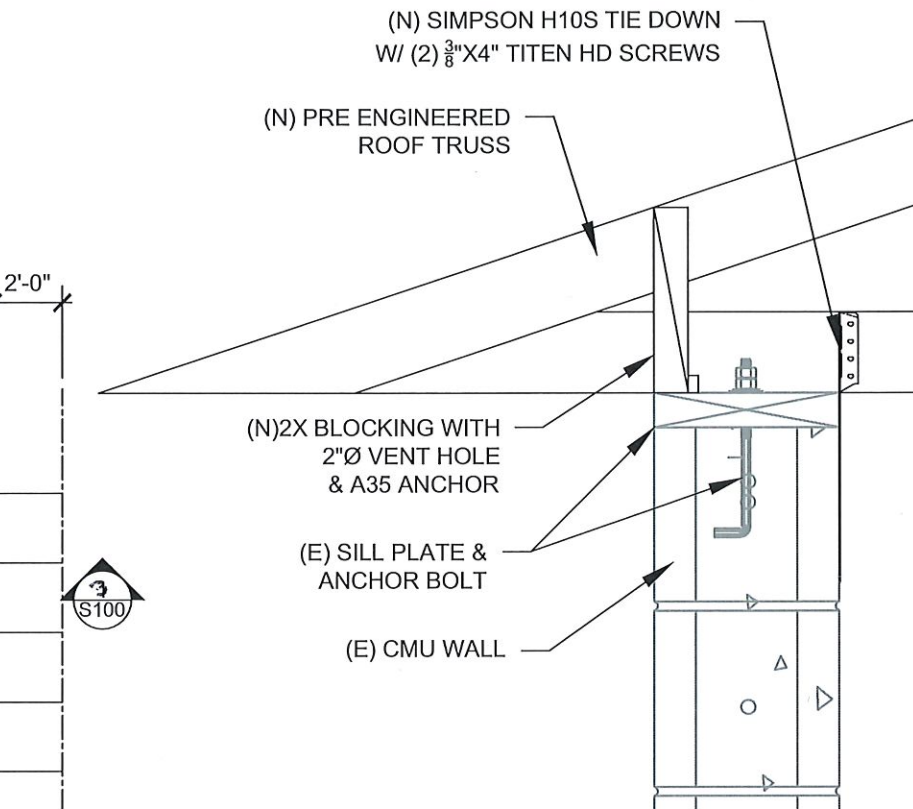
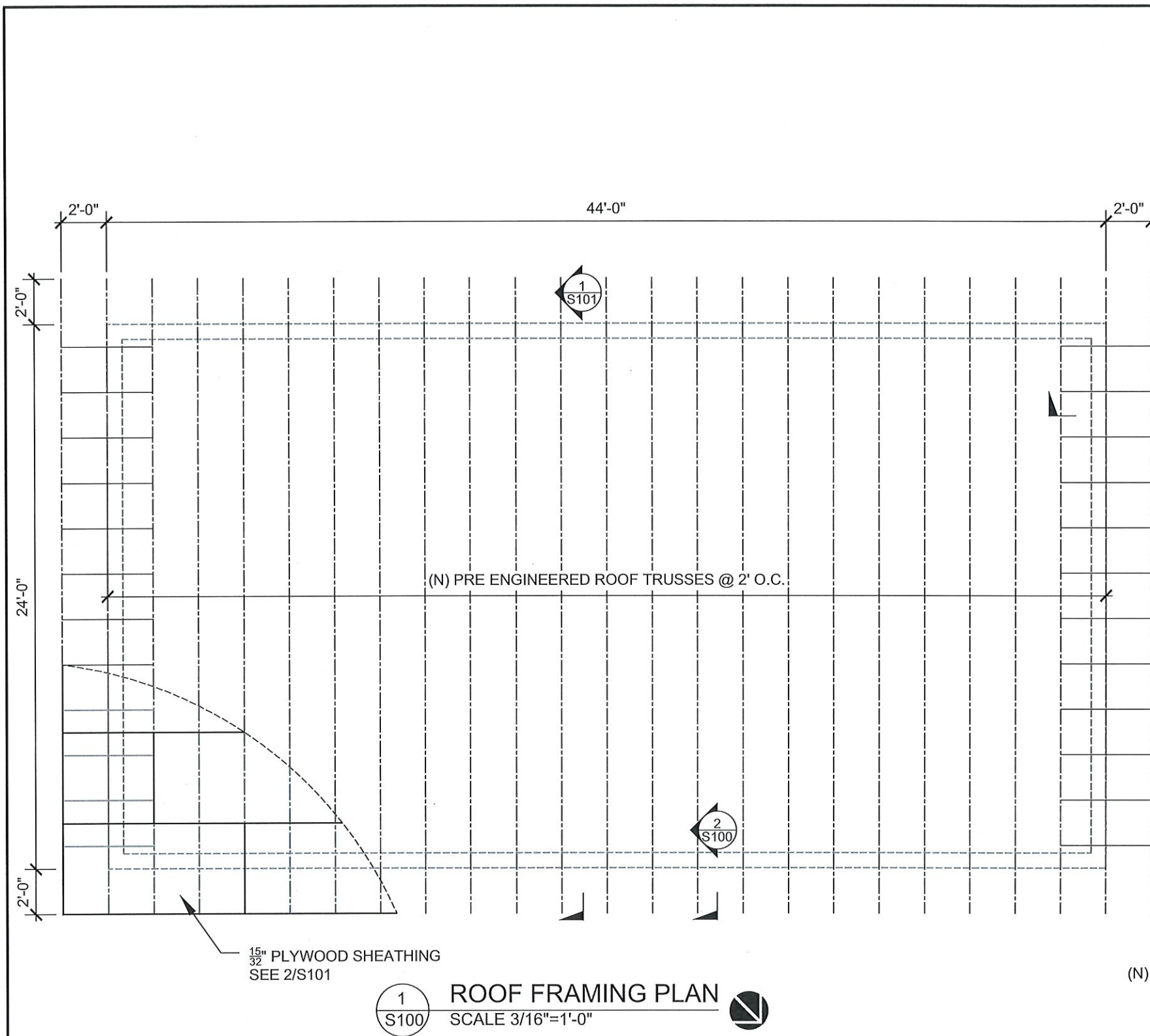
John H. Stewart, P.E.
FL Registered Engineer
License No. 42970

DRAWING TITLE:
**AREA PLAN &
SCHEMATIC SITE
PLAN**

DRAWN BY:	AMC	REVIEWED BY:	JHS
JOB #:	100002996		
DATE:	6/17/2019	SCALE:	AS NOTED

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01/10/19
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PROFESSIONAL ENGINEER
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DRAWING TITLE:

ROOF FRAMING

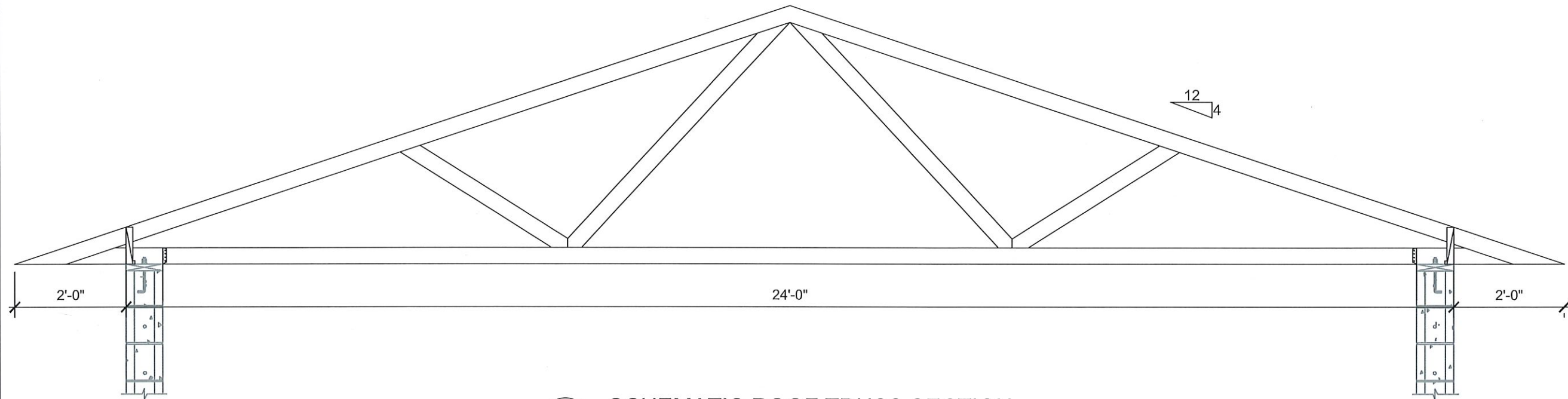
DRAWN BY: AMC REVIEWED BY: JHS

JOB #: 100002996

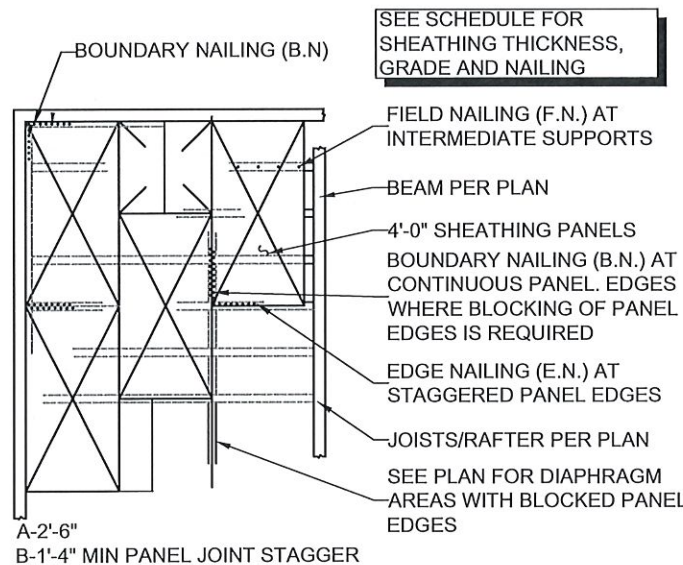
DATE: 6/17/2019 SCALE: AS NOTED

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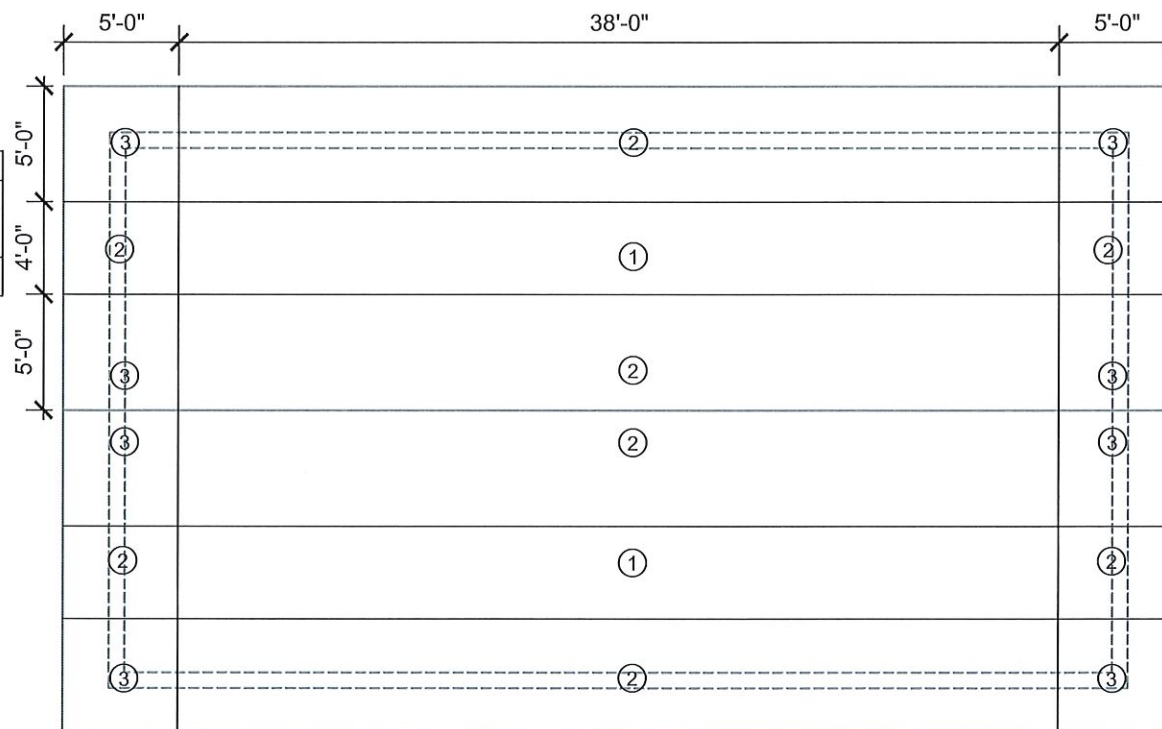
1
S101 SCHEMATIC ROOF TRUSS SECTION
SCALE 1/2"=1'-0"



SEE SCHEDULE FOR SHEATHING THICKNESS, GRADE AND NAILING

DIAPHRAGM NAILING SCHEDULE (3) (5) (6) (9) (10)							
MARK	NAILS (4)	B.N (1)	E.N.	F.N.	MIN FRAMING SIZE (8)	BLOCKED (6)	CAPACITY (PLF)
1	10d	6"	6"	12"	2X	YES	425

- NOTES
1. INCLUDES CONTINUOUS PANEL EDGES
 2. WHEN NAILING SPACING >3", MEMBER SHALL BE 3X MIN WITH NAILS STAGGERED PER DTL
 3. MINIMUM NAIL EDGE DISTANCE = $\frac{3}{8}$ " TO EDGE OF SHEET OR FRAMING
 4. ALL NAILS SHALL BE COMMON WIRE
 5. FOR SHEATHING LAYOUT, SEE DETAIL
 6. BLOCKING WIDTH SHALL MEET MIN FRAMING SIZE REQUIREMENTS. BLOCKING SHALL BE 4X NOMINAL IN DEPTH. PLACE BLOCK IN 'Z CLIPS'
 7. ONE 'PSCL' SHEATHING CLIP SHALL BE USED MIDWAY BETWEEN EACH SUPPORT AT UNBLOCKED SHEATHING EDGES
 8. MINIMUM FRAMING SIZE SHALL BE USED FOR ALL MEMBERS
 9. SHEATHING SHALL BE STRUCTURAL-1, $\frac{15}{32}$ " MATERIAL THICK
 10. MINIMUM NAIL EMBEDMENT INTO JOIST OR BLOCKING= $\frac{15}{8}$ "



WIND UPLIFT LOAD:
ZONE 1(FIELD) 17 PSF
ZONE 2 (EDGE) 31 PSF
ZONE 3 (CORNER) 49 PSF

3
S101 WIND LOAD DIAGRAM
SCALE NTS



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DRAWING TITLE:

DETAILS

DRAWN BY: AMC REVIEWED BY: JHS
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City of Quincy

014003 - WWTP Animal Control Building

Legend

Building is located in the corner of the property.

GF A Dr

Ralph Strong Rd



1000 ft

Google Earth

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