



INVITATION FOR BID (IFB)

IFB Number	Scope Number	Closing Date	Closing Time	Return IFB Submittal
GC2018092542-8106	6238	2/28/2020	4:00pm EST	bids@synergynds.com

IFB Reference Information:	Roof Installation			
Insured Property Owner:	City of Callaway			
Property Location Name:	Ellie Fox Storage Building			
Address Line 1:	522 Beulah Ave.			
Address Line 2:	Enter Text Here			
City:	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 ProgramSM 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 **Contractor Submittal Form** (provided at the end of the IFB Packet).
3. Contractor is responsible to validate all Quantities and Units of Measurements specific to the following scope items &/or products. The information and descriptions provided in the IFB are intended for general guidance purposes only. Contractor may not change or alter any material &/or specifications identified in the IFB for submission purposes without prior written/email notification to: bids@synergynds.com.
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.

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

SCOPE-OF-WORK SUMMARY

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

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

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

11. Contractor shall be responsible for any breakage &/or cleaning of unintended damage, debris, coatings, coverings, overspray and residual caulking from the aforementioned property described above. If affected property can't be successfully cleaned &/or restored to pre-existing condition, SynergyNDS will seek reimbursement from Contractor &/or deduct the appropriate replacement cost from outstanding Invoice Payment (Contract Value).
12. Contractor is EXPECTED to maintain a Clean & Safe Work Environment throughout the lifecycle of the awarded scope-of-work. This includes daily clean-up and organization of the Contractor's work area specific to all material waste, debris, tools &/or equipment. Failure to do so (after 3 documented warnings) can result in back charges to Contractor in the amount of \$25.50 hourly rate with a minimum \$150.00 per day clean-up rate (as determined by the SynergyNDS or the Insured Property Owner).
13. Contractor shall be responsible for securing work area(s) from access by non-authorized building occupants, including all persons not directly part of the restoration, repair and/or rebuild efforts. This includes securing work area(s) as identified in the IFB Scope-of-Work &/or under Contractors control.
14. Contractor shall provide and implement a site-specific health and safety plan to include hazard communication and related OSHA requirements to protect workers as well as the general public with access to the work area.
15. If the Contractor determines that deviations, modifications (change order or supplemental costs) from the initial scope-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@synergynnds.com. Verbal notification &/or discussion only with the Onsite Project Manager is encouraged but not binding. Written documentation must be provided in efforts to comply with the required transparent approach.
18. Contractor is responsible to ensure that their employees &/or its sub-contractors comply with the provisions and terms of the IFB and Contract Agreement.

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PAYMENT: Project is managed by SynergyNDS, Inc., under the 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 repellent, sun block and lip balm may also be required for some work environments. Drink plenty of bottled water and take frequent rest breaks to avoid overexertion.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

The certificate holder(s) must be noted as:

Synergy NDS, Inc.
1400 Sarno Rd
Melbourne, FL 3293

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FEDERAL CONTRACT REQUIREMENTS ONLY (In a Declared Event)

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

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

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

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

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

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

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

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

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

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

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

OTHER FEDERAL REQUIREMENTS (In a Declared Event)

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

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

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

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

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

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

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IFB – CONTRACTOR SUBMITTAL FORM

IFB Number	Scope Number	Closing Date	Closing Time	Return IFB Submittal
GC2018092542-8106	6238	2/28/2020	4:00pm EST	bids@synergynds.com

Company Name: _____

Address Line 1: _____

Address Line 2: _____

City: _____

State: _____

Zip Code: _____

Contractor Certification: DBE WBE/WOSB HUB SDVOSB/VOSB

CONTRACTOR LUMP SUM PROPOSAL:

IFB TITLE	Roof Installation	PROPOSAL:	\$ _____
IFB TITLE	Option for R&R existing roof on adjacent building	PROPOSAL:	\$ _____
IFB TITLE	Click or tap here to enter text.	PROPOSAL:	\$ _____
IFB TITLE	Click or tap here to enter text.	PROPOSAL:	\$ _____

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

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

Company Contact Name (Please Print)

Signature

Company Title (Please Print)

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 as a result of Hurricane Michael. All debris left from the storage building have all been removed from the site. The Invitation for Bid is for the replacement of the roofing material. All roof decking has been installed by others. This is a 2 part bid as listed below. Project is anticipated to begin mid-March 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

Re: Storage Building Roofing - 007016

2 lump sum bid line items for:

- 1) Installing new roof over newly constructed portion of the building.
- 2) Removing and replacing roofing over existing building.

Request for Information:

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

Location:

Storage Building
522 Beulah Ave.
Callaway, FL 32404

Work Scope:

- Contractor shall coordinate all work with SynergyNDS.
- 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.
- SECTION 07 41 00 - METAL ROOF PANELS
 - PART 1 - GENERAL
 - 1.1 RELATED DOCUMENTS
 - Drawings and general provisions of the Contract, including General and supplementary
 - Conditions and Division 1 Specification Sections, apply to this Section.

INVITATION FOR BID (IFB)

GC2018092542-007005-Exhibit A

- 1.2 SUMMARY
 - This Section includes the following:
 - Formed prefinished aluminum 5V Crimp roof panels for machine seaming during installation.
 - Gutters and downspouts of type and profile indicated.
 - This section also includes the following roof and fascia related work:
 - Fascia and miscellaneous trim
 - Gutters and downspouts.
 - Membrane underlayments.
 - Panel supports, steel framing, and anchorage.
- 1.3 PERFORMANCE REQUIREMENTS
 - 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.
 - 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).
 - 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.
 - 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.
 - Maximum Deflection: 1/140 of the span.
- 1.4 SUBMITTALS
 - 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.
 - 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

INVITATION FOR BID (IFB)

GC2018092542-007005-Exhibit A

and at obstruction and penetration. Distinguish between factory and field assembled work.

- 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.
- 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.
- 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 Required Performance under 1.3 this section.
- 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
 - 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.
 - 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.
 - 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.
 - 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.

INVITATION FOR BID (IFB)

GC2018092542-007005-Exhibit A

- 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.
- 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.
 - Locate mockups in the location and of the size indicated or, if not indicated, as directed by SynergyNDS.
 - Notify SynergyNDS seven days in advance of the dates and times when mockups will be constructed.
 - Demonstrate the proposed range of aesthetic effects and workmanship.
 - Obtain SynergyNDS approval of mockups before starting metal roofing work.
 - Maintain mockups during construction in an undisturbed condition as a standard for judging the completed work.
- 1.6 DELIVERY, STORAGE, AND HANDLING
 - Deliver panels and other components so they will not be damaged or deformed. Package panels for protection against damage during transportation or handling.
 - Handling: Exercise care in unloading, storing, and erecting roof panels to prevent bending, warping, twisting, and surface damage.
 - 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
 - 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.
 - 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

INVITATION FOR BID (IFB)

GC2018092542-007005-Exhibit A

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

- 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.
- 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.
- Finish Warranty Period: 25 years from date of Substantial Completion.
- 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.
- Weathertight Warranty Period: 20 years from date of Substantial Completion.
- 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 no dollar limit and no penal sum.

○ PART 2 - PRODUCTS

○ 2.1 MANUFACTURERS

- Manufacturers: Subject to compliance with requirements, provide panels by one of the following:
 - Aluminum Roof Panels:
 - MCBI
 - Englert, Inc.
 - Berridge
 - Architectural Metal Systems

○ 2.2 METALS AND FINISHES

INVITATION FOR BID (IFB)

GC2018092542-007005-Exhibit A

- Aluminum Sheet Prepainted with Coil Coating: Aluminum sheet metallic coated by the hot-dip process and prepainted by the coil-coating process to comply with ASTM A 755 (ASTM A 755M) and the following requirements:
 - Aluminum Sheet: ASTM B 209 (ASTM B 209M); alloy standard with manufacturer for finish; structural quality for forming operation.
 - Thickness: 0.040 inch roof panel; 0.032 inch fascia and wall panels unless otherwise indicated.
 - Finish: Apply the following coating in thickness indicated. Furnish appropriate air-drying spray finish in matching color for touchup.
 - Fluoropolymer 4-Coat Coating System: AAMA 620. Manufacturer's standard 4-coat, thermocured system composed of specially formulated inhibitive primer and fluoropolymer color topcoat containing not less than 70 percent polyvinylidene fluoride resin by weight with a total minimum dry film thickness of 0.9 mil (0.023 mm) and 30 percent reflective gloss clear finish when tested according to ASTM D 523.
 - Durability: Provide coating field tested under normal range of weather conditions for a minimum of 20 years without significant peel, blister, flake, chip, crack, or check in finish; without chalking in excess of a chalk rating of 8 according to ASTM D 4214; and without fading in excess of 5 Hunter units.
 - Color: Galvalume coating.
- 2.3 ROOF AND FASCIA PANEL ASSEMBLIES
 - 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.
 - Formed roof panel shall be continuous length from eave to ridge with no lap joints.
 - Clips: Provide minimum 0.0625-inch- (1.6-mm-) thick, stainless steel panel clips designed to meet negative-load requirements, and allowing thermal movement.
- Accessories: Unless otherwise specified, provide components required for a complete roof panel assembly including trim, copings, fasciae, mullions, sills, corner units, ridge closures, clips, seam covers, flashings, gutters, downspouts,

INVITATION FOR BID (IFB)

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sealants, gaskets, fillers, closure strips, and similar items. Match materials and finishes of panels.

○ 2.4 FABRICATION

- 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.
- Required Performances: Fabricate panels and other components of roof system for the following installed-as-indicated performances:
 - 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.
 - 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.
 - Water penetration: No significant, uncontrolled leakage at 4 lbs. Per sq. ft. pressure with spray test.
 - 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

- Examine substrates and conditions, with Installer present, for compliance with requirements indicated for conditions affecting performance of metal panel roofing.
 - 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.
 - Do not proceed with roof panel installation until unsatisfactory conditions have been corrected.

○ 3.2 PREPARATION

INVITATION FOR BID (IFB)

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- Coordinate metal panel roofing with rain drainage work; flashing; trim; and construction of other adjoining work to provide a leakproof, secure, and noncorrosive installation.
- Promptly remove protective film, if any, from exposed surfaces of metal panels. Strip with care to avoid damage to finish.
- 3.3 PANEL INSTALLATION
 - 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.
 - Field cutting exterior panels by torch is not permitted.
 - Install panels with concealed fasteners, unless otherwise indicated.
 - Install panels continues from eave to ridge with no lap joints.
 - Accessories: Install components required for a complete roof panel assembly including trim, fascia, ridge closures, clips, seam covers, flashings, gutters, down spouts sealants, gaskets, fillers, closure strips, and similar items.
 - 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.
 - Coat back side of metal panels with bituminous coating where it will contact wood, ferrous metal, or cementitious construction.
 - 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.
 - 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.
 - Install weatherseal under ridge cap. Flash and seal panels at eave and rake with rubber, neoprene, or other closures to exclude weather.

INVITATION FOR BID (IFB)

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- Seal panel end laps with double beads of tape or sealant, full width of panel. Seal side joints where recommended by panel manufacturer.
- Prepare joints and apply sealants to comply with requirements of Division 7 Section "Joint Sealants."
- 5V Crimp Roof Panel Assembly: Fasten panels to supports with concealed clip according to panel manufacturer's written instructions.
- 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.
- Conceal fasteners and expansion provisions where possible in exposed work and locate to minimize possibility of leakage. Cover and seal fasteners and anchors as required for a tight installation.
- Exposed fasteners shall be of stainless steel type with self-sealing rubber gaskets.
- 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
 - 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.
 - 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.
- 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:

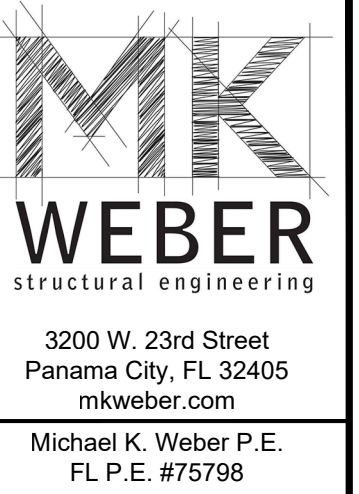
INVITATION FOR BID (IFB)

GC2018092542-007005-Exhibit A

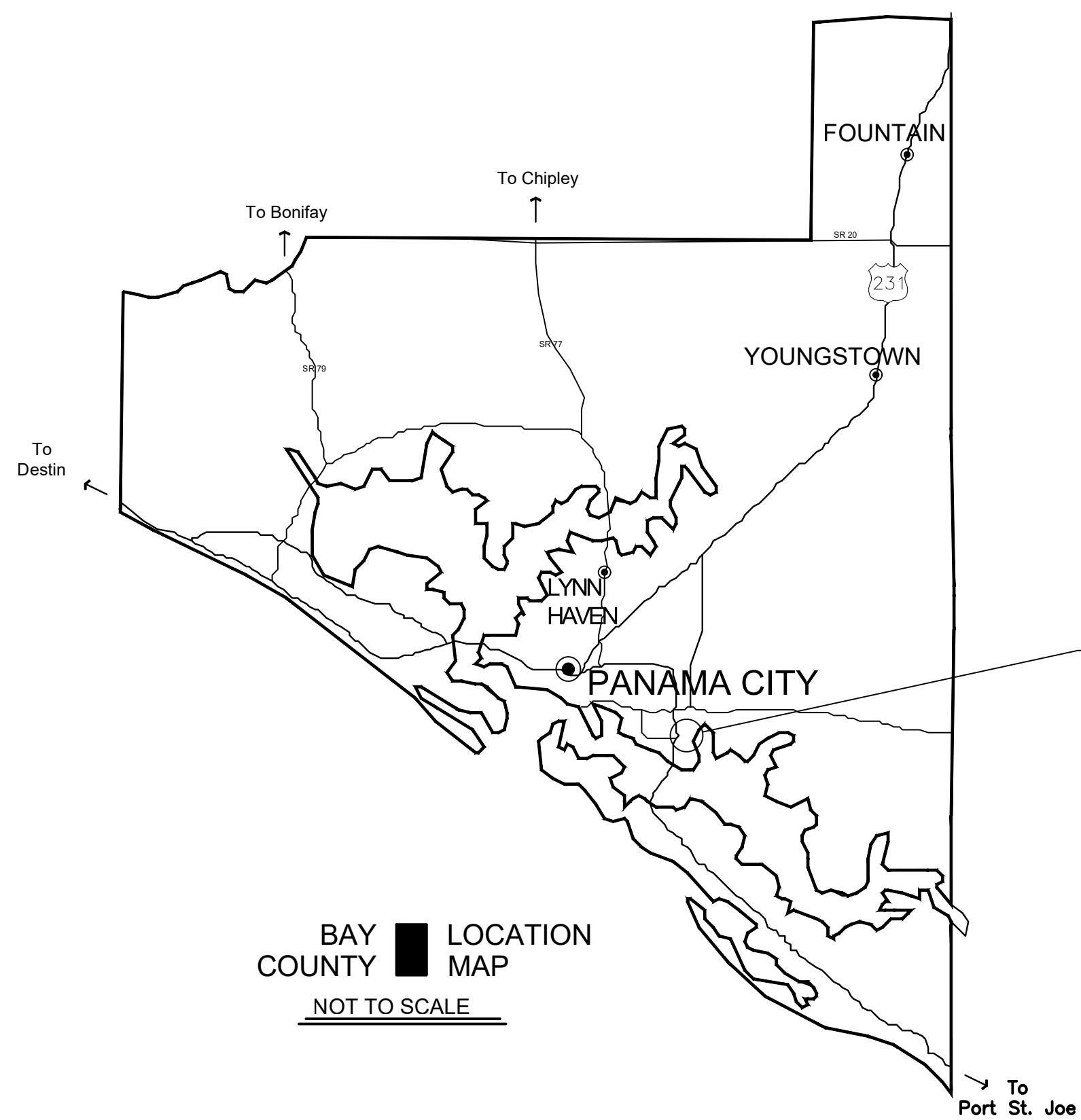
1. Contractor is responsible to validate all quantities and units of measurements specific to the scope items above. Information above is intended as a general guidance purpose only.
2. Contractor has the sole responsibility to ensure that all services and materials for bid submittal meet all codes and 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

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

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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)

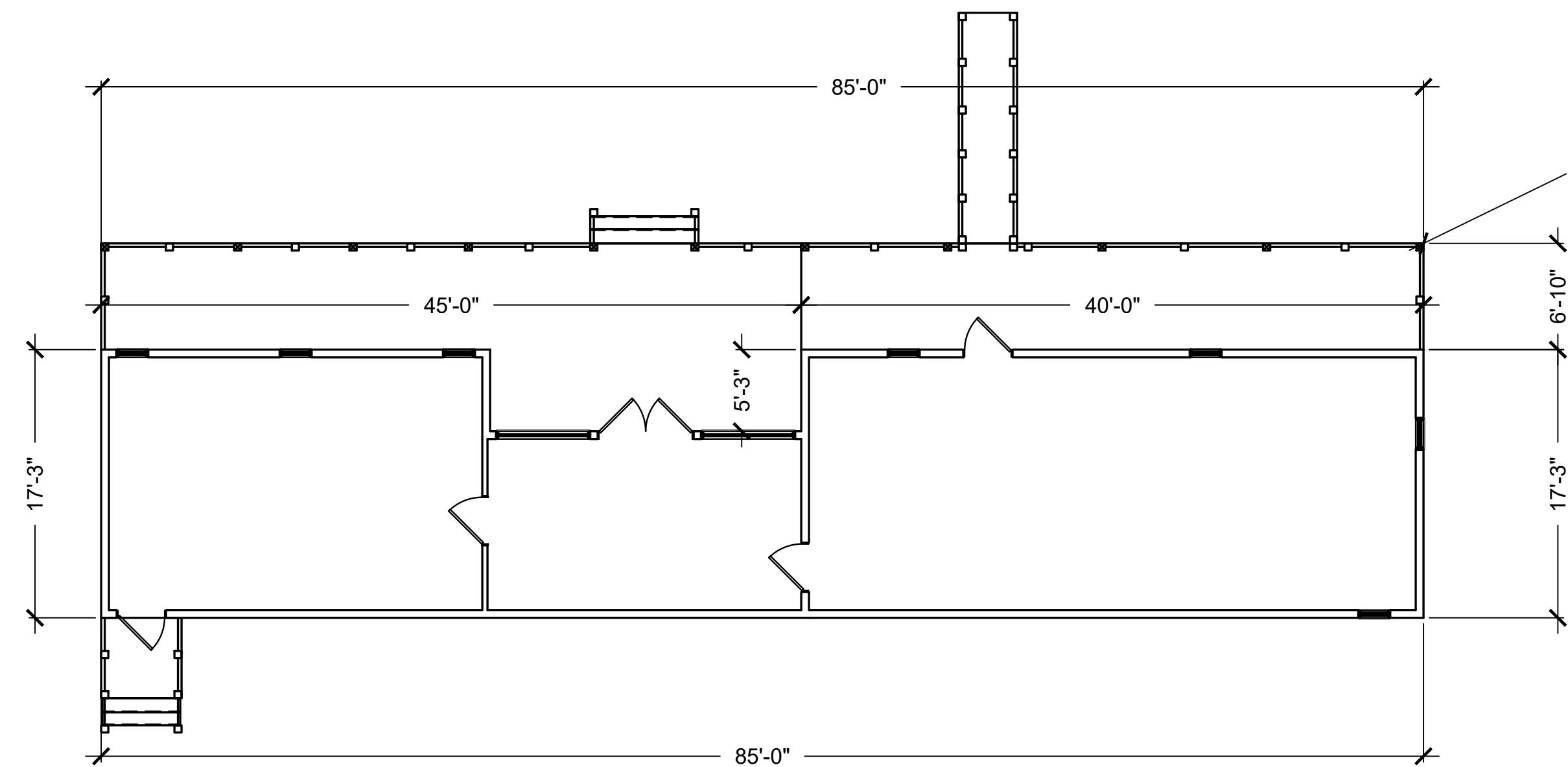


SITE LOCATION

REVISIONS:	COMMENTS:	DATE:

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

COVER SHEET
 12/4/2019
 Project No: 19330
 Drawn By: JCC
 Checked By: MKW
 Drawing Number
C0.0



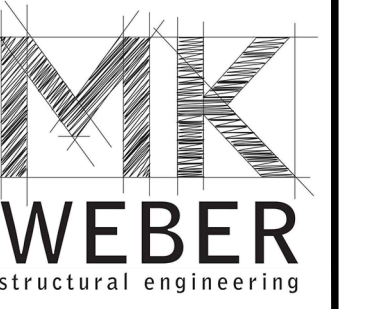

SITE PLAN
 1/16"=1'-0"(11x17) 1/8"=1'-0"(24x36)

PROPERTY LINE

PROPERTY LINE

PROPERTY LINE

26'-8"±



3200 W. 23rd Street
Panama City, FL 32405
mkweber.com

Michael K. Weber P.E.
FL P.E. #75798

REVISIONS:	COMMENTS:

DATE:

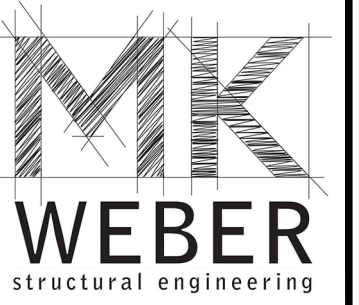
RENOVATIONS FOR:
CALLAWAY HISTORIC SOCIETY
522 BEULAH AVE.
CALLAWAY, FLORIDA

SITE PLAN

12/4/2019

Project No: 19330
 Drawn By: JCC
 Checked By: MKW

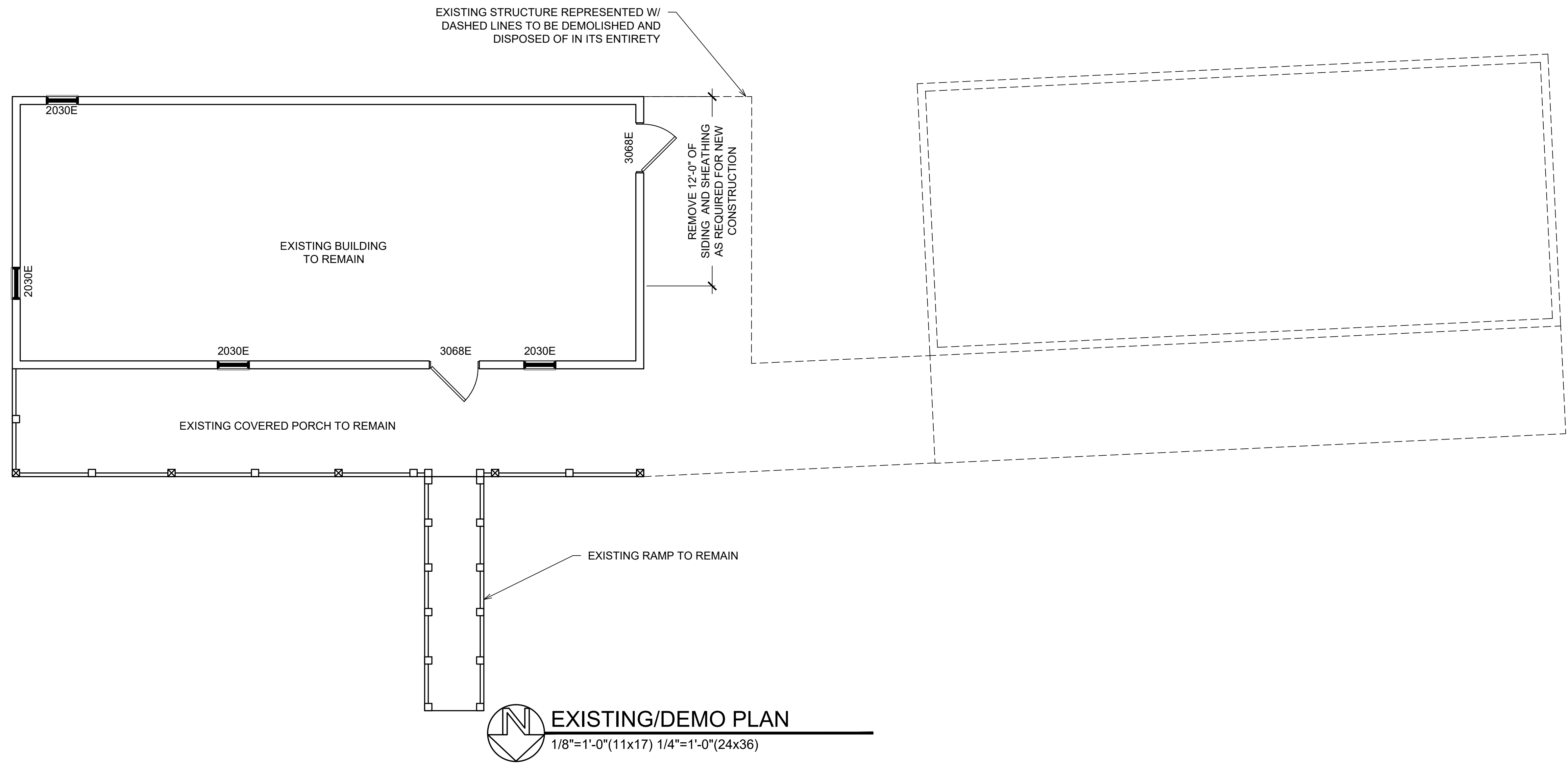
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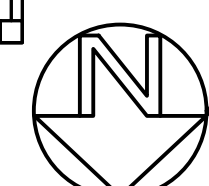


3200 W. 23rd Street
Panama City, FL 32405
mkweber.com

Michael K. Weber P.E.
FL P.E. #75798

REVISIONS:	DATE:	COMMENTS:



 **EXISTING/DEMO PLAN**
 1/8"=1'-0"(11x17) 1/4"=1'-0"(24x36)

RENOVATIONS FOR:
 CALLAWAY HISTORIC SOCIETY
 522 BEULAH AVE.
 CALLAWAY, FLORIDA

EXISTING/DEMO PLAN

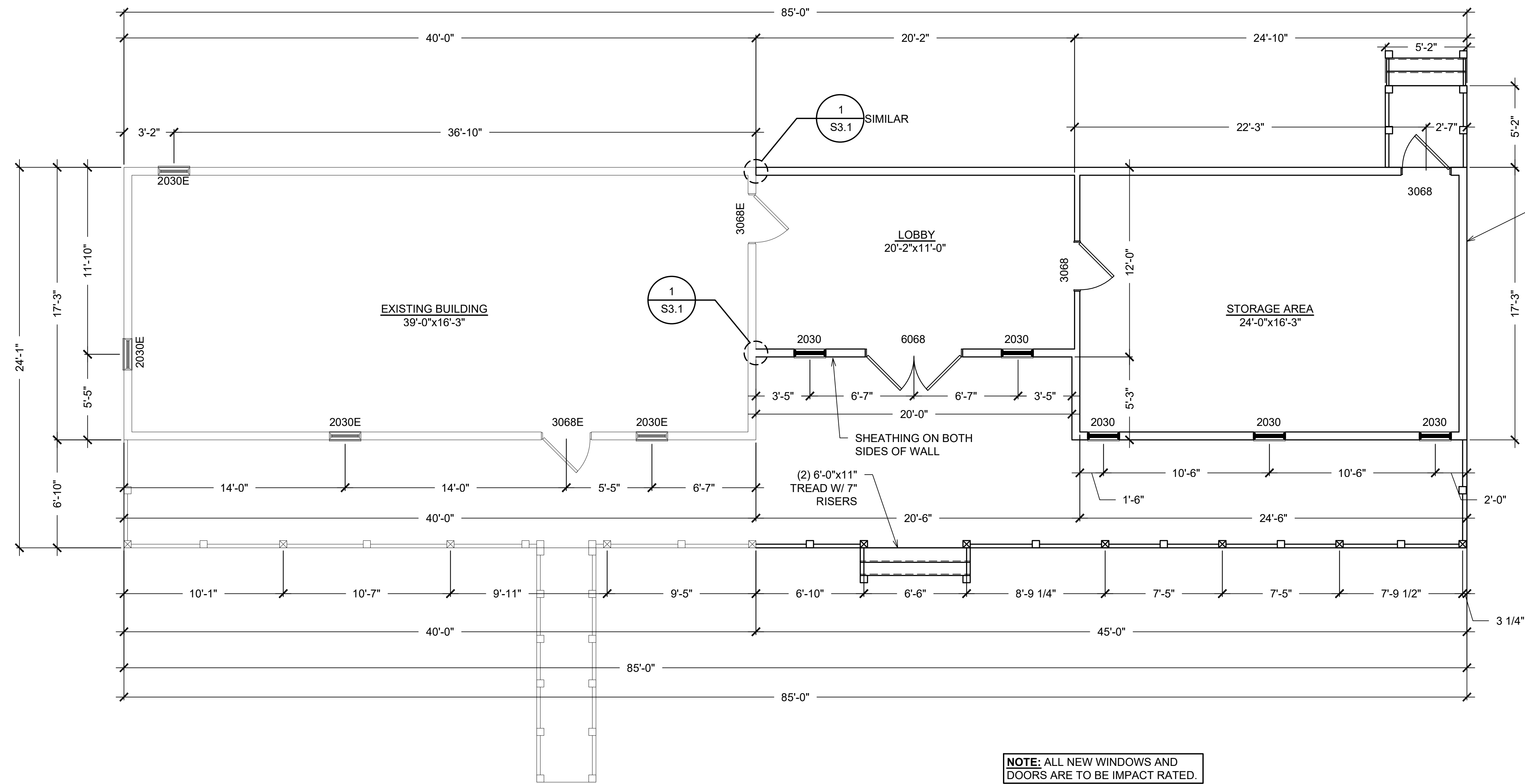
12/4/2019
 Project No: 19330
 Drawn By: JCC
 Checked By: MKW

Drawing Number
A1.0

REVISIONS:

COMMENTS:

DATE:



ALL EXT. WALLS SHALL BE 2x6 STUDS @ 16" O.C. W/ MID-SPAN BLOCKING & 1/2" SHEATHING NAILED @ 3" O.C. ON EDGES AND 6" O.C. IN FIELD

NOTE: ALL NEW WINDOWS AND DOORS ARE TO BE IMPACT RATED.

PROPOSED ADDITION PLAN
1/8"=1'-0" (11x17) 1/4"=1'-0" (24x36)

RENOVATIONS FOR:
CALLAWAY HISTORIC SOCIETY
522 BEULAH AVE.
CALLAWAY, FLORIDA

DEMO PLAN

12/4/2019

Project No: 19330
Drawn By: JCC
Checked By: MKW

Drawing Number
A1.1

REVISIONS:
COMMENTS:

DATE:

RENOVATIONS FOR:
CALLAWAY HISTORIC SOCIETY
522 BEULAH AVE.
CALLAWAY, FLORIDA

ELEVATIONS

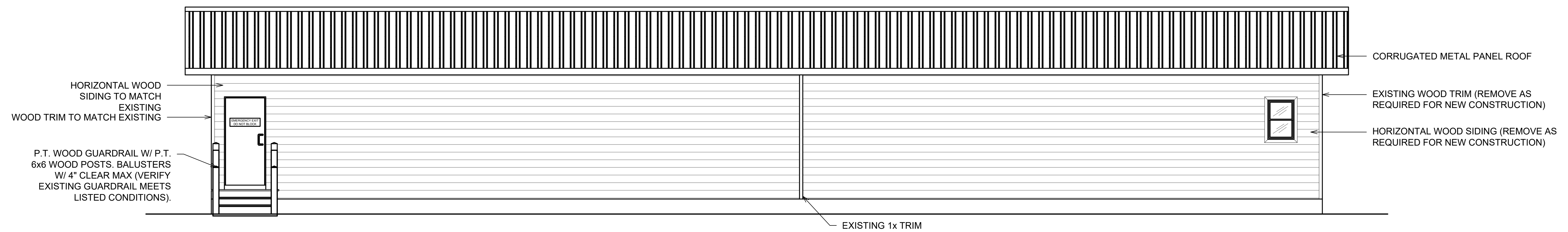
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Drawn By: JCC
Checked By: MKW

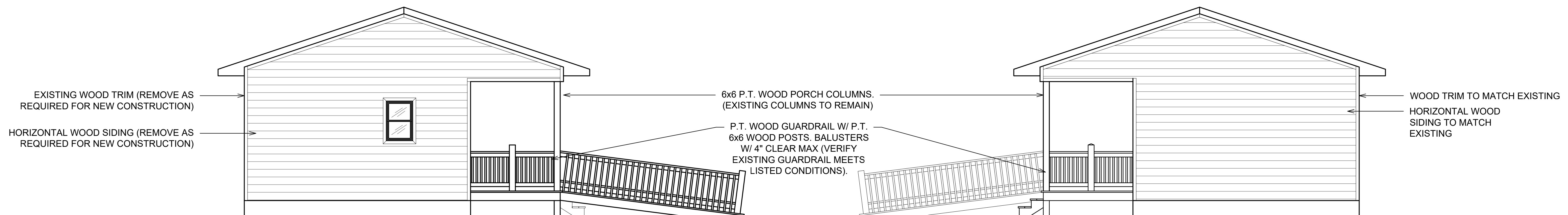
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1 FRONT ELEVATION
1/8"=1'-0"(11x17) 1/4"=1'-0"(24x36)



2 REAR ELEVATION
1/8"=1'-0"(11x17) 1/4"=1'-0"(24x36)



3 RIGHT SIDE ELEVATION
1/8"=1'-0"(11x17) 1/4"=1'-0"(24x36)

4 LEFT SIDE ELEVATION
1/8"=1'-0"(11x17) 1/4"=1'-0"(24x36)

STRUCTURAL NOTES

GENERAL

1. DESIGN CODE DATA
2015 INTERNATIONAL BUILDING CODE
2017 FLORIDA STATE BUILDING CODE
ASCE 7-10: MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER 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
Kcf= 0.85
I = 1.0
Kzt= 1.0
BASE VELOCITY PRESSURE, Qh=38.4 PSF

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.

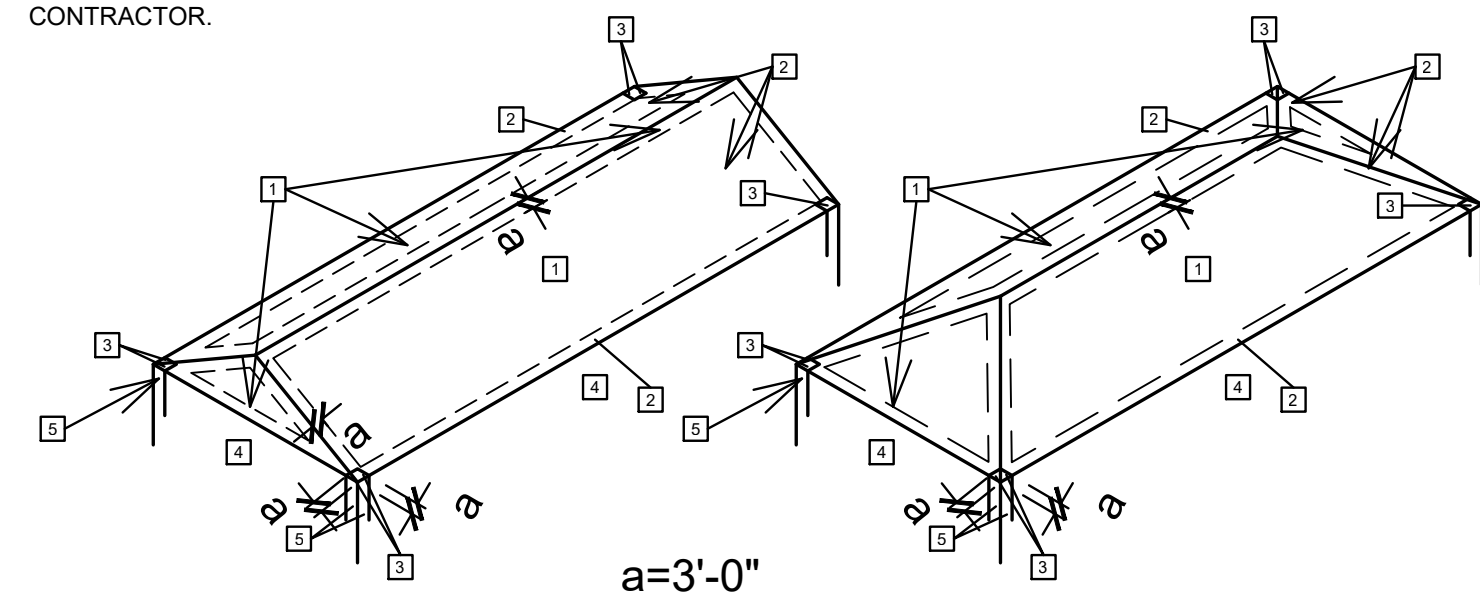
7. THE CONTRACTOR IS RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION AND ALL JOB SITE SAFETY.

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

HIP ROOF WIND ZONE DIAGRAM

Table with 5 columns: COMPONENTS AND CLADDING, ROOFS, DESIGN PRESSURE (ULF), DESIGN PRESSURE (ASD), POSITIVE (PSF), NEGATIVE (PSF).

MATERIAL SPECIFICATIONS

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

WOOD
2x6 AND SMALLER
MINIMUM DESIGN VALUES
Fb 875 PSI
Ft 450 PSI
Fv 135 PSI
Fc 425 PSI
Fcd 1,150 PSI
E 1,400,000 PSI
Emin 510,000 PSI

2x6 AND LARGER
MINIMUM DESIGN VALUES
Fb 1,000 PSI
Ft 575 PSI
Fv 145 PSI
Fc 405 PSI
Fcd 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

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.

Table with 5 columns: BAR SIZES, STANDARD, TOP BAR, 'B' SPLICE, HOOK. Rows for #3, #4, #5, #6, #7.

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

FOUNDATION

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

WOOD CONSTRUCTION

DIMENSION LUMBER

- 1. 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.
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 LUMBER (LVL) (BOISE VERSA - STUD 1.7/2650 OR APPROVED EQUAL.

VERTICAL STRUCTURAL PANEL SHEATHING NOTES (WOOD FRAMING)

- 1. FASTENERS SHALL NOT BE LOCATED LESS THAN 3/8" IN FROM THE EDGE OF THE PANEL.
2. FASTENERS SHALL BE DRIVEN FLUSH WITH SURFACE OF SHEATHING.
3. FASTENERS SHALL BE OF SUFFICIENT LENGTH TO ENSURE PENETRATION INTO FRAMING MEMBERS BY AT LEAST 1 1/2".

WOOD SHEATHING (WALLS)

- 1. BACK ALL SHEATHING PANEL EDGES WITH MINIMUM, NOMINAL 2 X BLOCKING.
2. 1/2" APA EXPOSURE I, RATED SHEATHING WITH 32/16 SPAN RATING (U.N.O.)
3. FRAMING TO BE MAXIMUM 1'-4" O.C.

WOOD SHEATHING (ROOF)

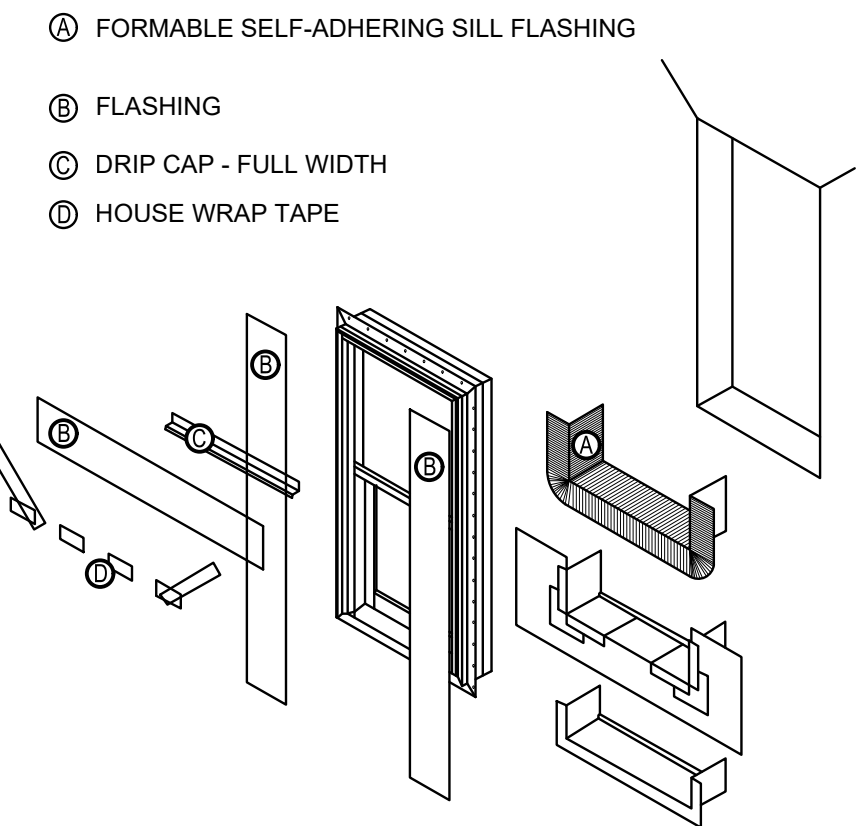
- 1. PANEL ROOF SHEATHING SHALL BE 5/8" APA EXPOSURE I, RATED SHEATHING WITH 48/24 SPAN RATING. (U.N.O.)
2. PANEL FLOOR SHEATHING SHALL BE 3/4" T&G APA EXPOSURE I, RATED PLYWOOD WITH 48/24 SPAN RATING. (U.N.O.)
3. FASTENERS SHALL BE A MINIMUM 8d BOX RING SHANK NAIL, (0.113" Ø)

WOOD TRUSSES

- 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.

Table with 7 columns: Opening Size, Header Size, No. of Jamb Studs, No. of Jack Studs, No. of Beam Straps, No. of Jamb Stud Ties, Opening Hold Down.

NOTE: ALL BEAMS TO BE FITTED WITH 7/16" PLYWOOD MINIMUM. NAIL WITH 16D NAILS STAGGERED 6" O.C. PROVIDE 5/8" DIA. THREADED ROD SYSTEM @ 6'-0" O.C. & WITHIN 12" OF CORNERS & EACH SIDE OF OPENING.



WINDOW FLASHING DETAILS



Michael K. Weber P.E.
FL P.E. #57598

Table for REVISIONS and DATE with columns for REVISIONS, COMMENTS, DATE.

RENOVATIONS FOR:
CALLAWAY HISTORIC SOCIETY
522 BEULAH AVE.
CALLAWAY, FLORIDA

STRUCTURAL NOTES

12/4/2019

Project No: 19330
Drawn By: JCC
Checked By: MKW

Drawing Number
S1.0

REVISIONS:

DATE:

RENOVATIONS FOR:
CALLAWAY HISTORIC SOCIETY
522 BEULAH AVE.
CALLAWAY, FLORIDA

FLOOR FRAMING

12/4/2019

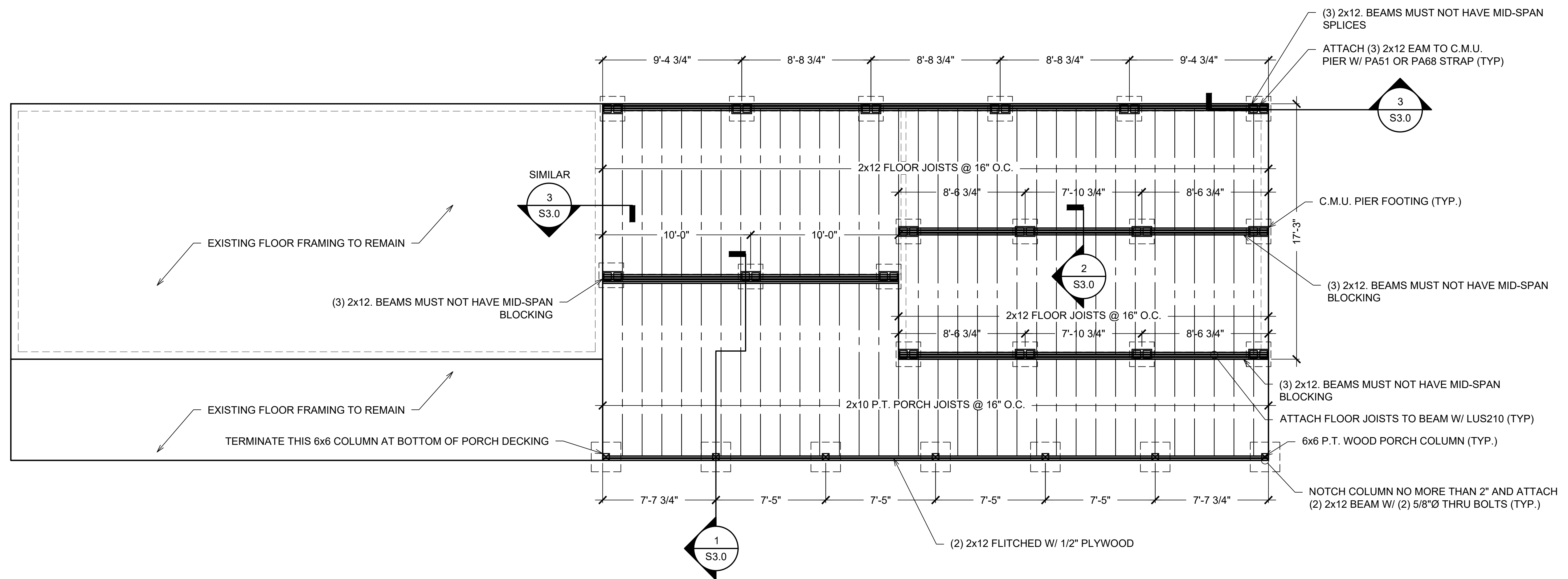
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Drawn By: JCC

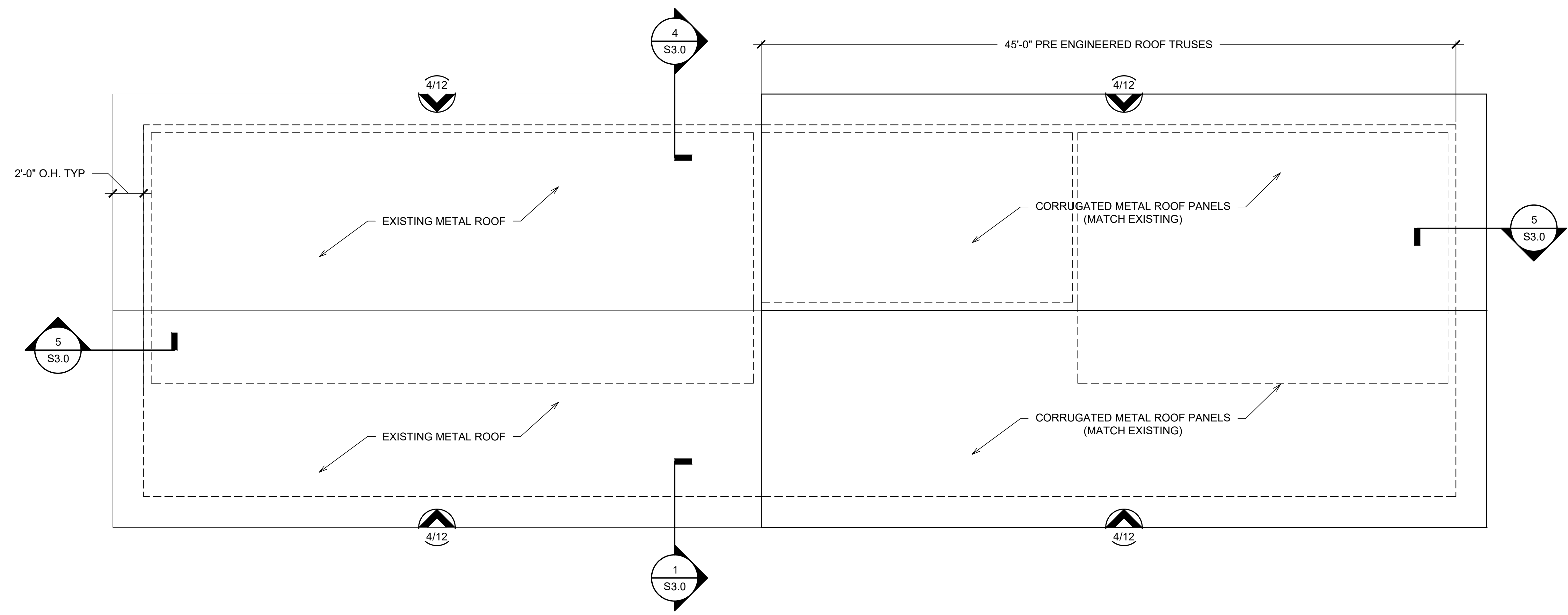
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Drawing Number

S2.0



1 FLOOR FRAMING PLAN
1/8"=1'-0"(11x17) 1/4"=1'-0"(24x36)



1 **ROOF PLAN**
 1/8"=1'-0" (11x17) 1/4"=1'-0" (24x36)

REVISIONS:	COMMENTS:

DATE:				

RENOVATIONS FOR:
 CALLAWAY HISTORIC SOCIETY
 522 BEULAH AVE.
 CALLAWAY, FLORIDA

ROOF PLAN
12/4/2019
Project No: 19330
Drawn By: JCC
Checked By: MKW
Drawing Number
S2.1

REVISIONS:

DATE:

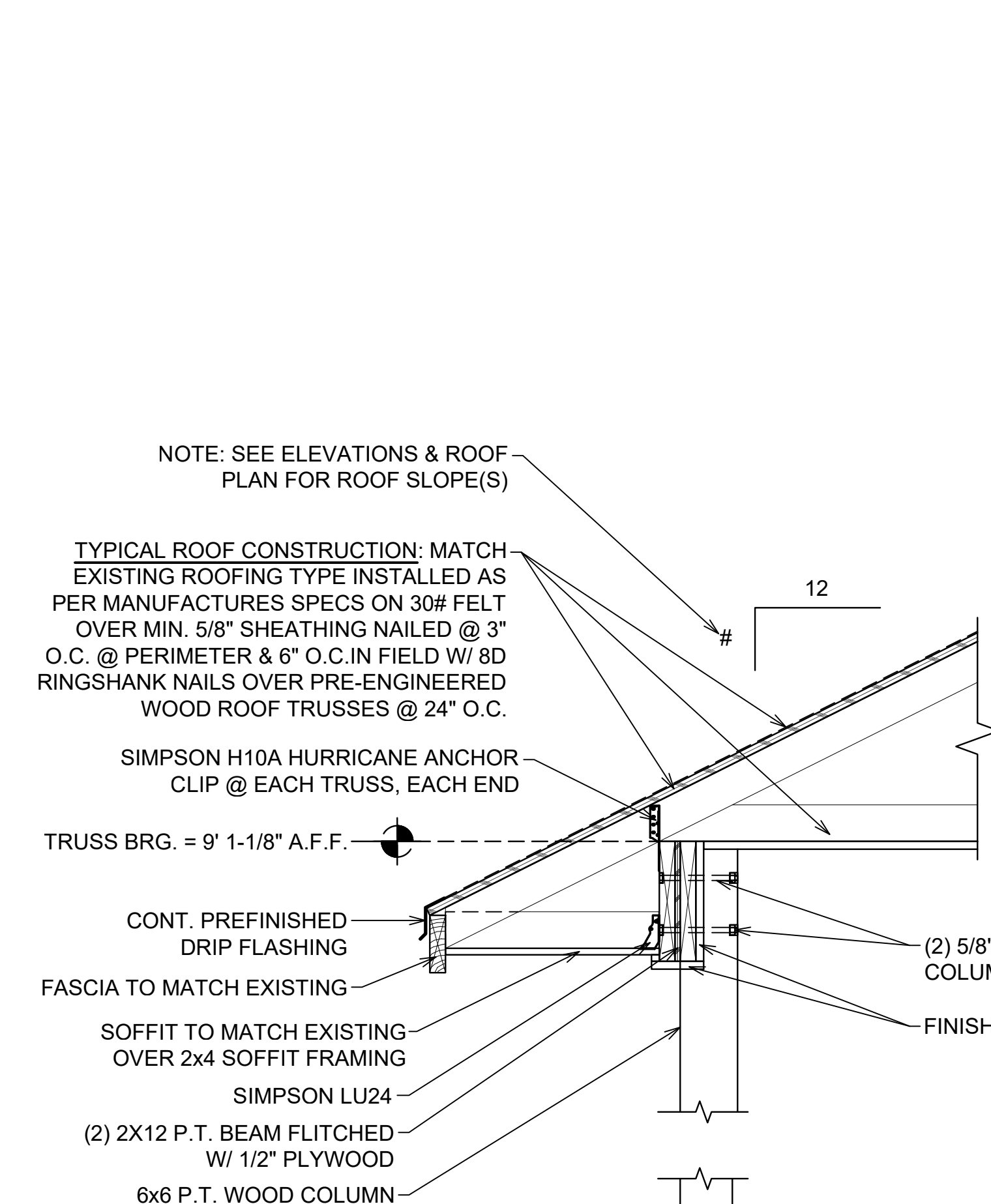
RENOVATIONS FOR:
CALLAWAY HISTORIC SOCIETY
522 BEULAH AVE.
CALLAWAY, FLORIDA

STRUCTURAL
DETAILS

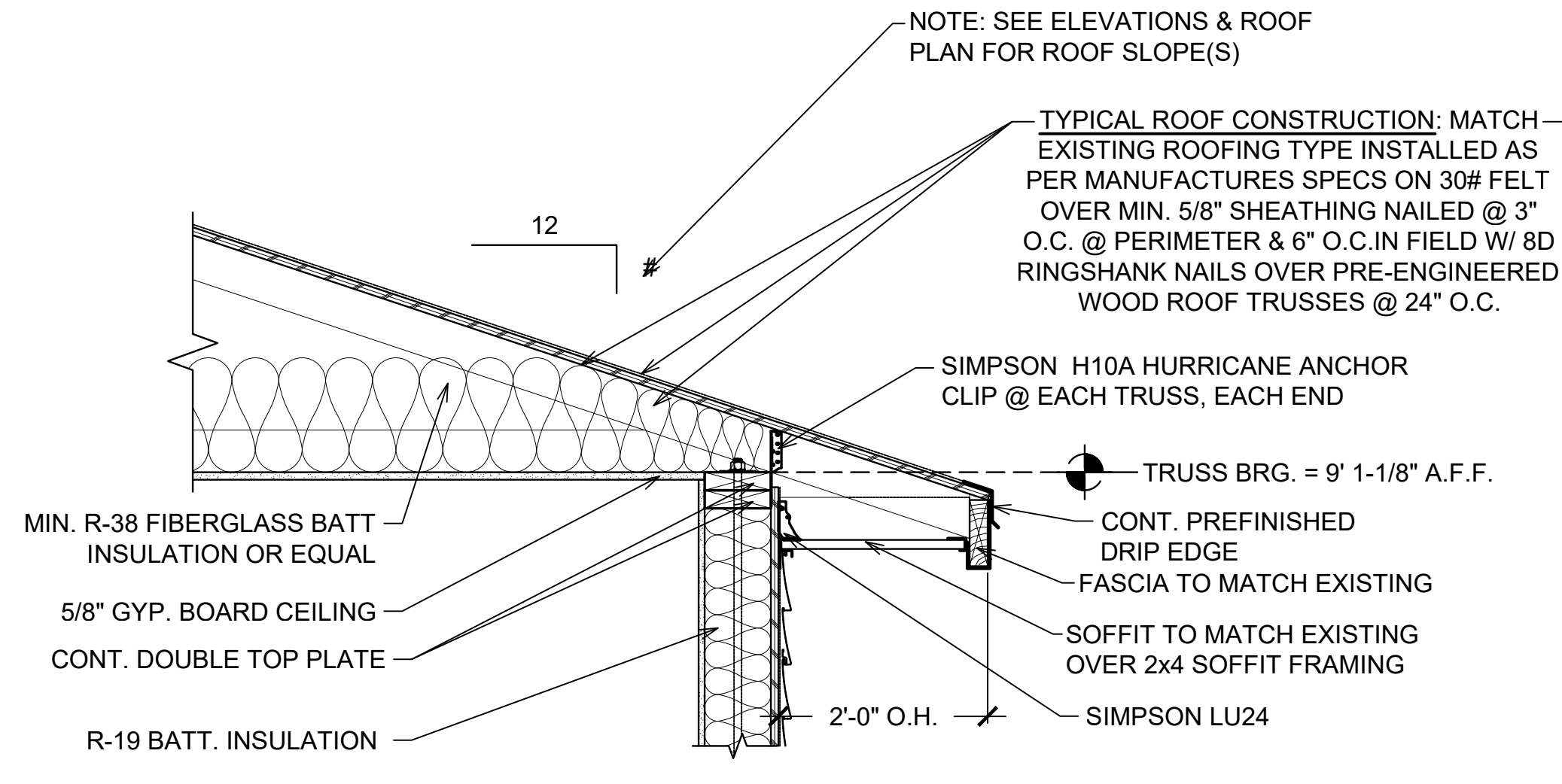
12/4/2019

Project No: 19330
Drawn By: JCC
Checked By: MKW

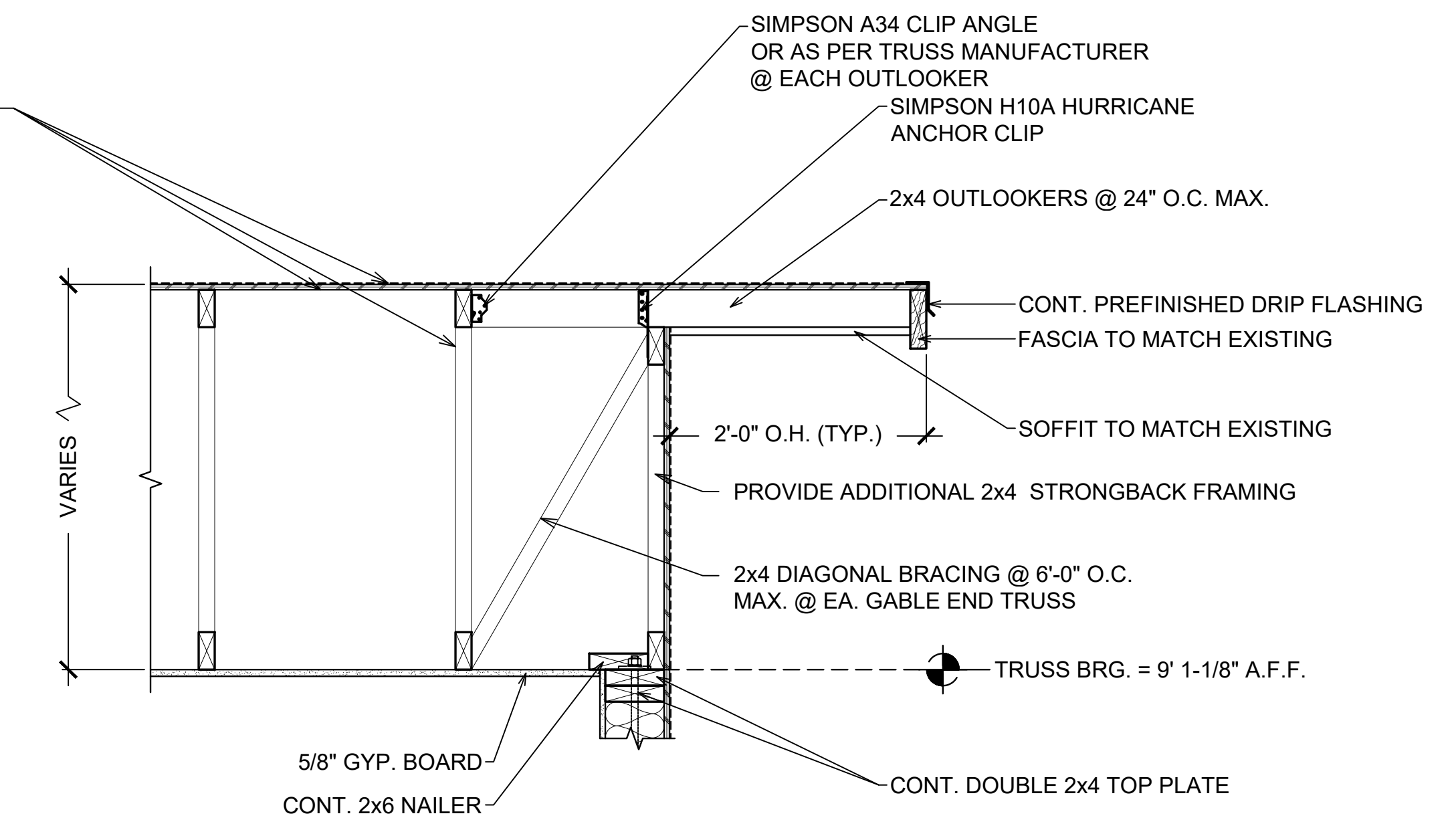
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1 **PORCH CONNECTION DETAIL**
1-1/2" = 1'-0" (11x17) 3" = 1'-0" (22x34)



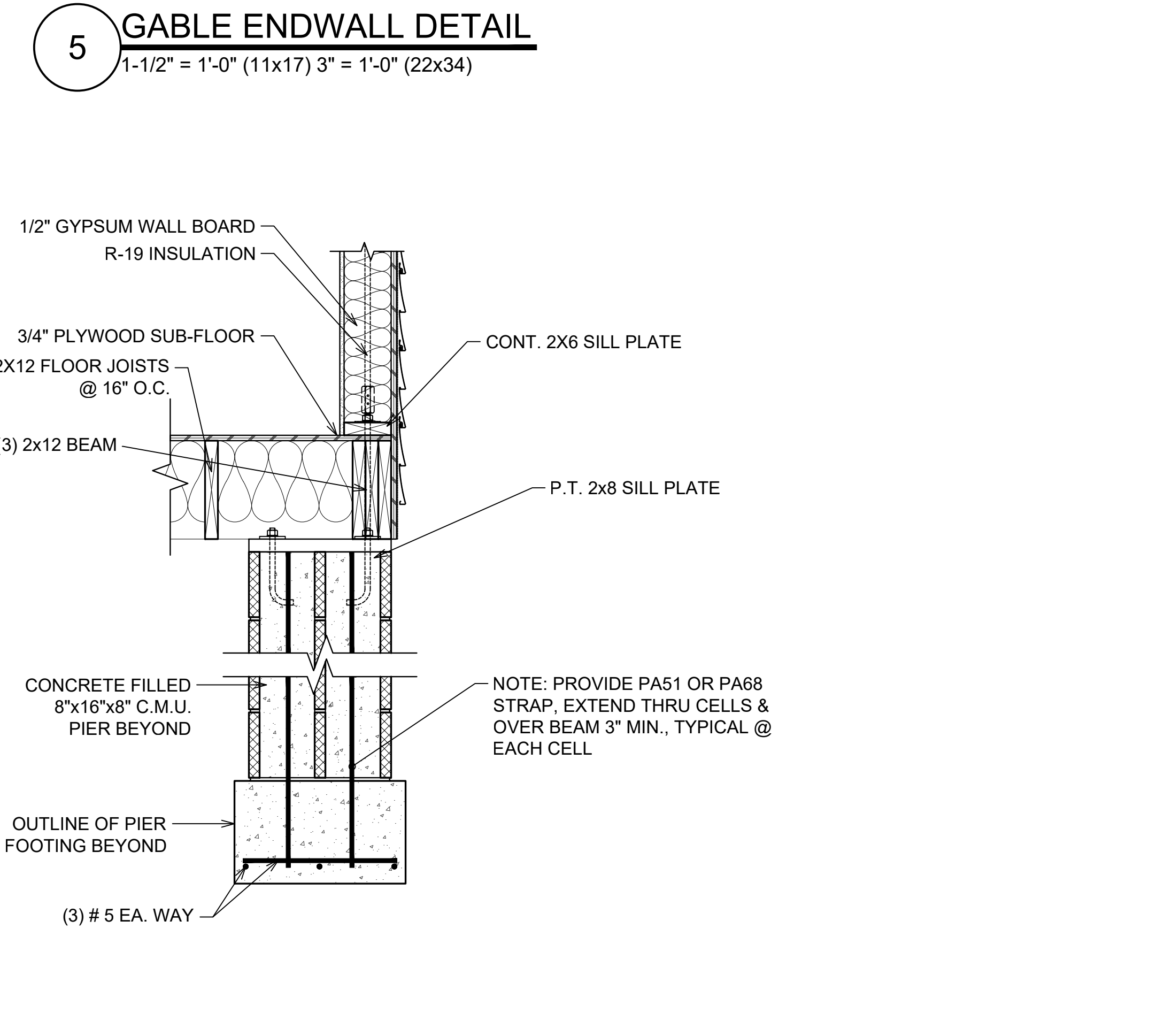
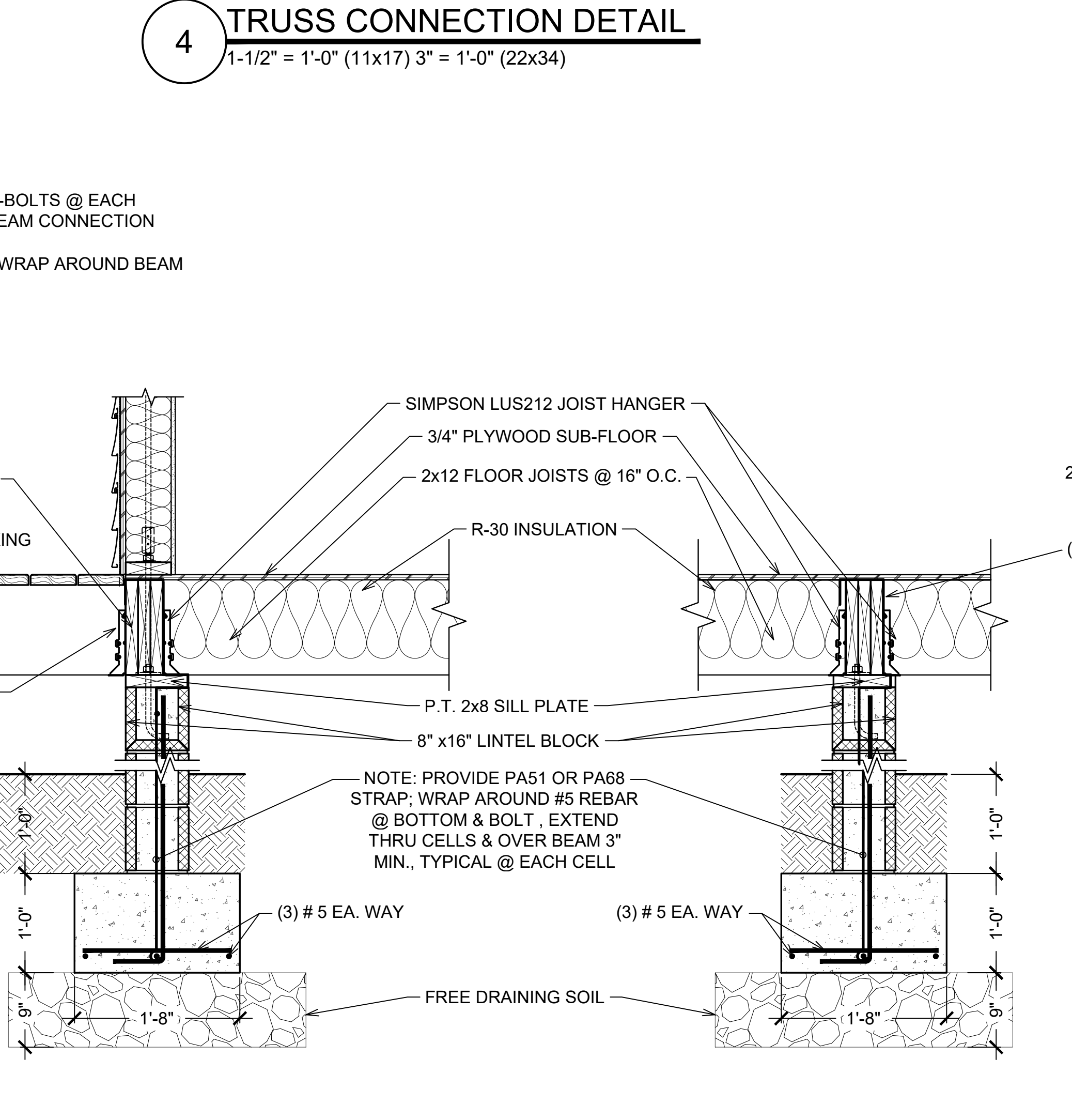
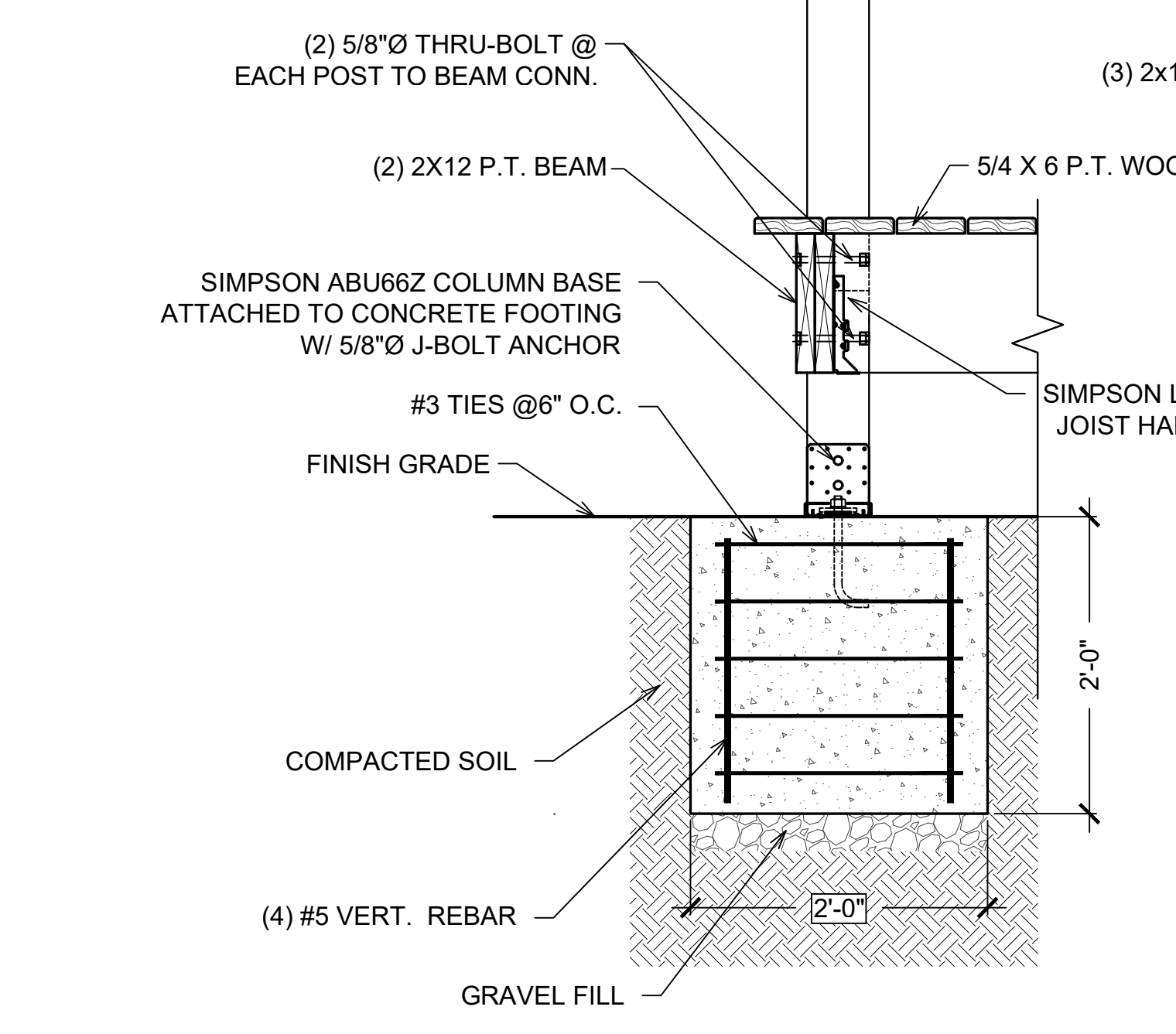
2 **GIRDER BEAM DETAIL**
1-1/2" = 1'-0" (11x17) 3" = 1'-0" (22x34)

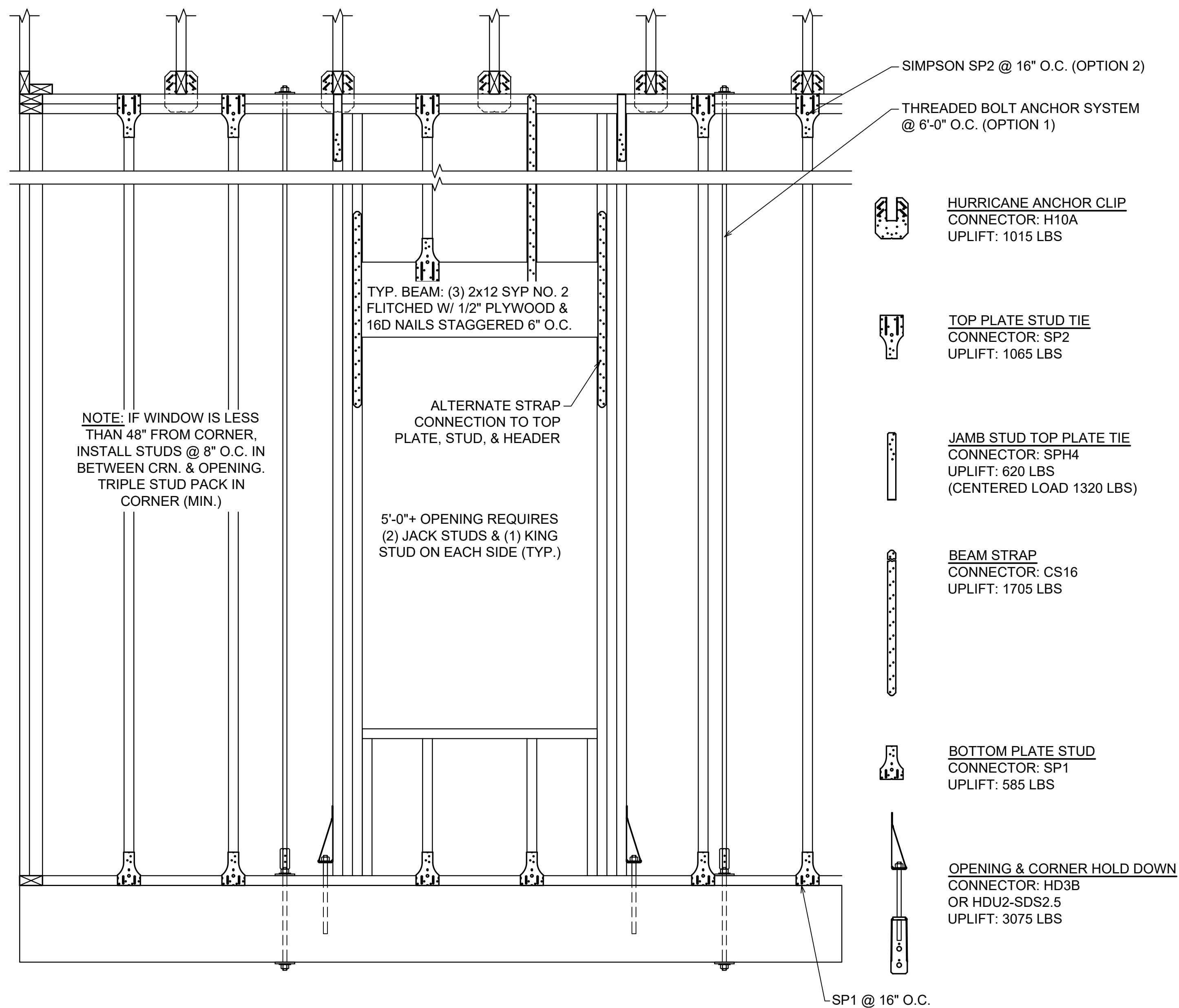


3 **TYP. WALL DETAIL**
1-1/2" = 1'-0" (11x17) 3" = 1'-0" (22x34)

4 **TRUSS CONNECTION DETAIL**
1-1/2" = 1'-0" (11x17) 3" = 1'-0" (22x34)

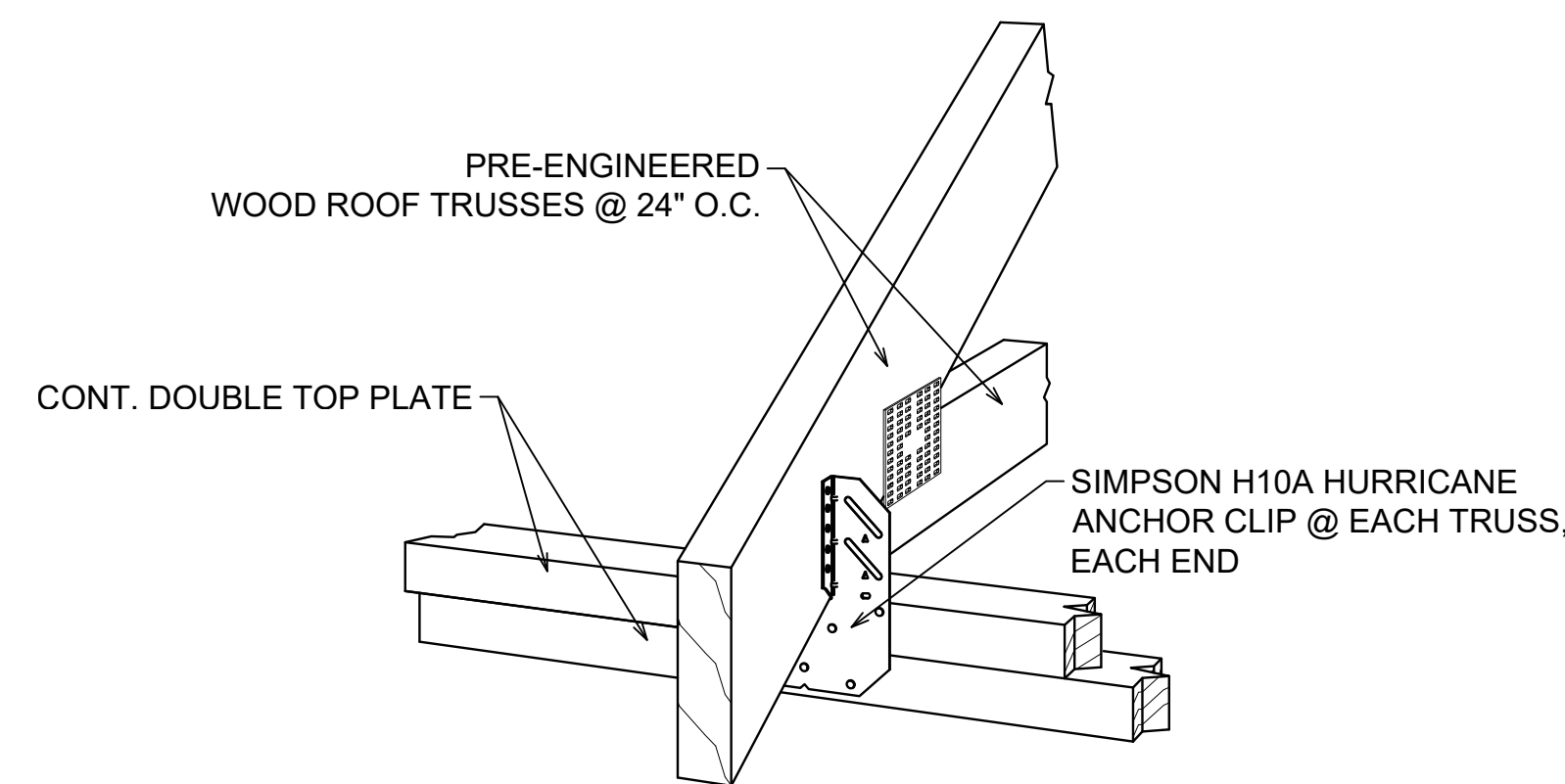
5 **GABLE ENDWALL DETAIL**
1-1/2" = 1'-0" (11x17) 3" = 1'-0" (22x34)





TYP. WALL @ SLAB CONNECTION DETAILS

1/2" = 1'-0" (11X17) 1" = 1'-0" (22X34)



TYP. H10A HURRICANE CLIP INSTALLATION

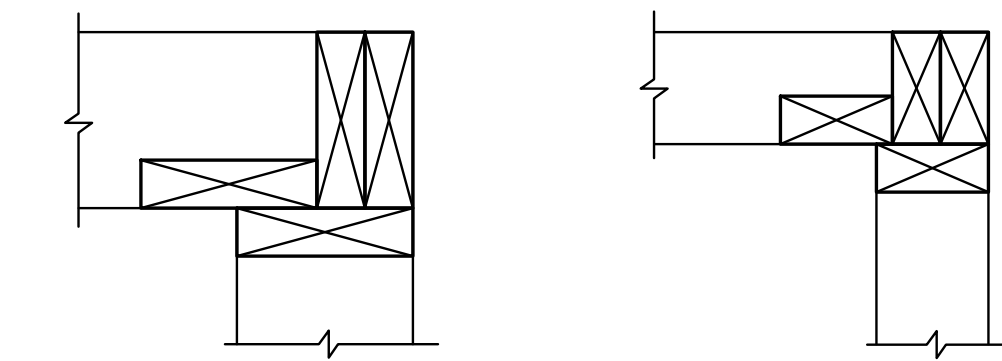
NOT TO SCALE

OPENING SIZE	No. OF JACK STUDS	No. OF KING STUDS	No. OF BEAM STRAPS	No. OF JAMB STUD TIES	OPENING HOLD DOWN	CORNER HOLD DOWN
8'	2	2	2	2	HDU2-SDS2.5	HDU2-SDS2.5
7'	2	2	2	2	HDU2-SDS2.5	HDU2-SDS2.5
6'	2	2	2	2	HDU2-SDS2.5	HDU2-SDS2.5
5'	2	1	1	1	HDU2-SDS2.5	HDU2-SDS2.5
4'	1	1	1	1	HDU2-SDS2.5	HDU2-SDS2.5
3'	1	1	1	1	HDU2-SDS2.5	HDU2-SDS2.5

NOTE:
THREADED BOLT SYSTEM CAN BE USED IN PLACE OF SP1/SP2 &
HOLD DOWNS, PROVIDED 5/8" RODDED SYSTEM 6' O.C. & WITHIN 12"
OF CORNER & EACH OPENING SIDE.

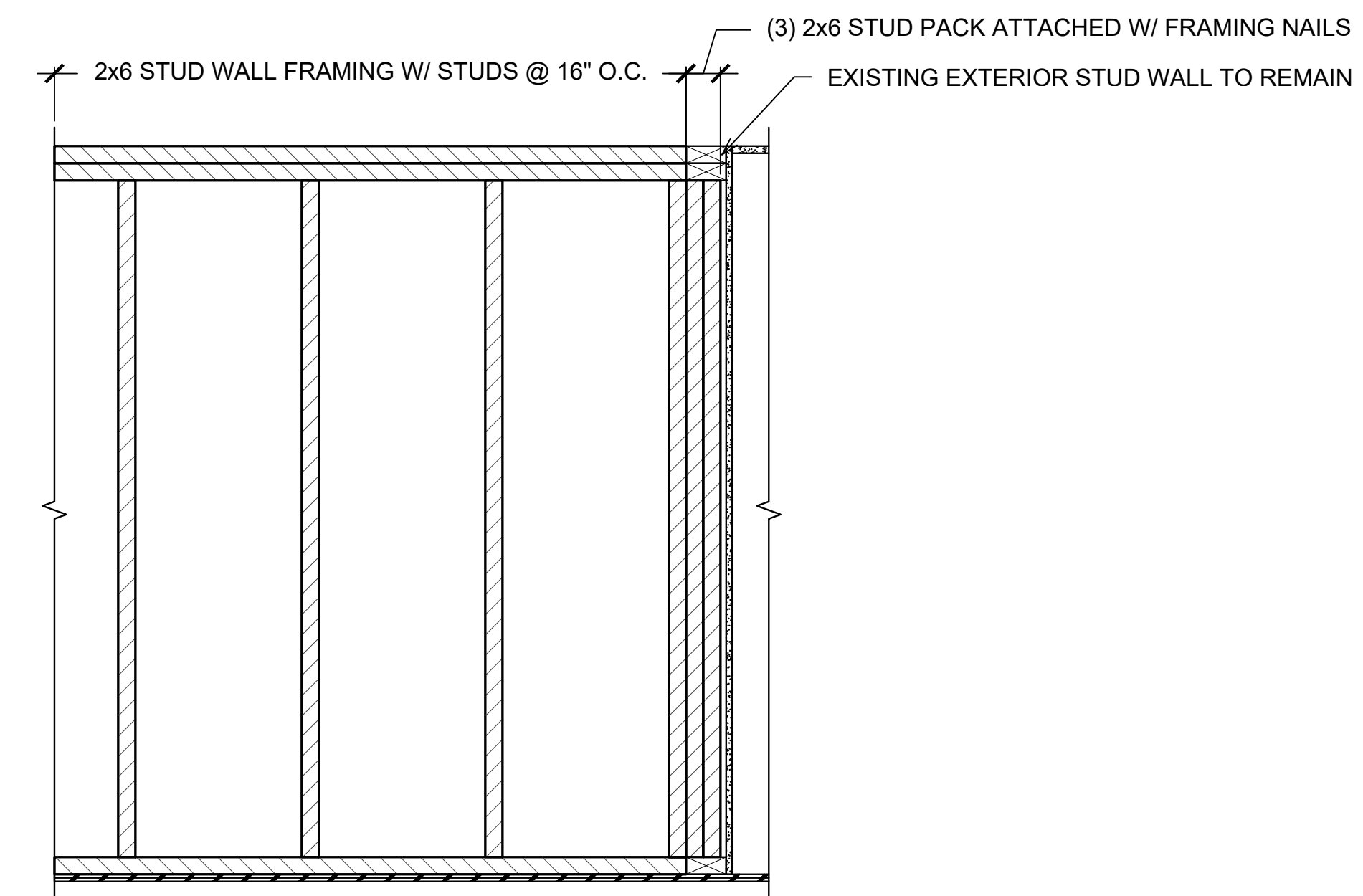
NOTE:
OPTION 1 - THREADED BOLT SYSTEM: 5/8" ROD SYSTEM @ 6' O.C. &
WITHIN 12" OF CORNER & EACH OPENING SIDE.

OPTION 2 - SIMPSON SP1 & SP2 HOLD DOWNS MAY BE USED IN LIEU
OF THREADED ROD SYSTEM.



2x6/2x4 CORNER FRAMING DETAIL

NOT TO SCALE



1 NEW EXTERIOR WALL CONNECTION DETAIL

1-1/2" = 1'-0" (11X17) 3" = 1'-0" (22X34)

REVISIONS:

DATE:

RENOVATIONS FOR:
CALLAWAY HISTORIC SOCIETY
522 BEULAH AVE.
CALLAWAY, FLORIDA

WALL CONNECTION
DETAILS

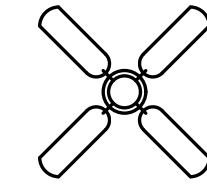








12/4/2019



Project No: 19330
Drawn By: JCC
Checked By: MKW


Drawing Number



S3.1


ELECTRICAL LEGEND







- LIGHTING**
-  FAN / LIGHT FIXTURE AS SELECTED BY OWNER, SWITCH AS REQUIRED
 -  LIGHT FIXTURE AS SELECTED BY OWNER
 -  WALL MOUNTED LIGHTING FIXTURE AS SELECTED BY OWNER
 -  FIXTURE AS SELECTED BY OWNER
 -  WALL MOUNTED FIXTURE AS SELECTED BY OWNER
 -  RECESSED CAN LIGHT FIXTURE AS SELECTED BY OWNER
 -  SOFFIT MOUNTED FLOOD LAMP FIXTURE AS SELECTED BY OWNER
 -  FAN / LIGHT FIXTURE AS SELECTED BY OWNER, SWITCH AS REQUIRED
 -  UNDERCOUNTER LIGHTING AS SELECTED BY OWNER

- WALL SWITCHES**
-  A.C. TYPE, SINGLE POLE, 20 AMP, 120/277 VOLT, (UNLESS OTHERWISE NOTED, MOUNT 48" A.F.F.)
 -  A.C. TYPE, 3 WAY, 20 AMP, 120/277 VOLT, (UNLESS OTHERWISE NOTED, MOUNT 48" A.F.F.)

- BRANCH CIRCUITING**
-  RUN CONCEALED IN CEILING OR WALLS

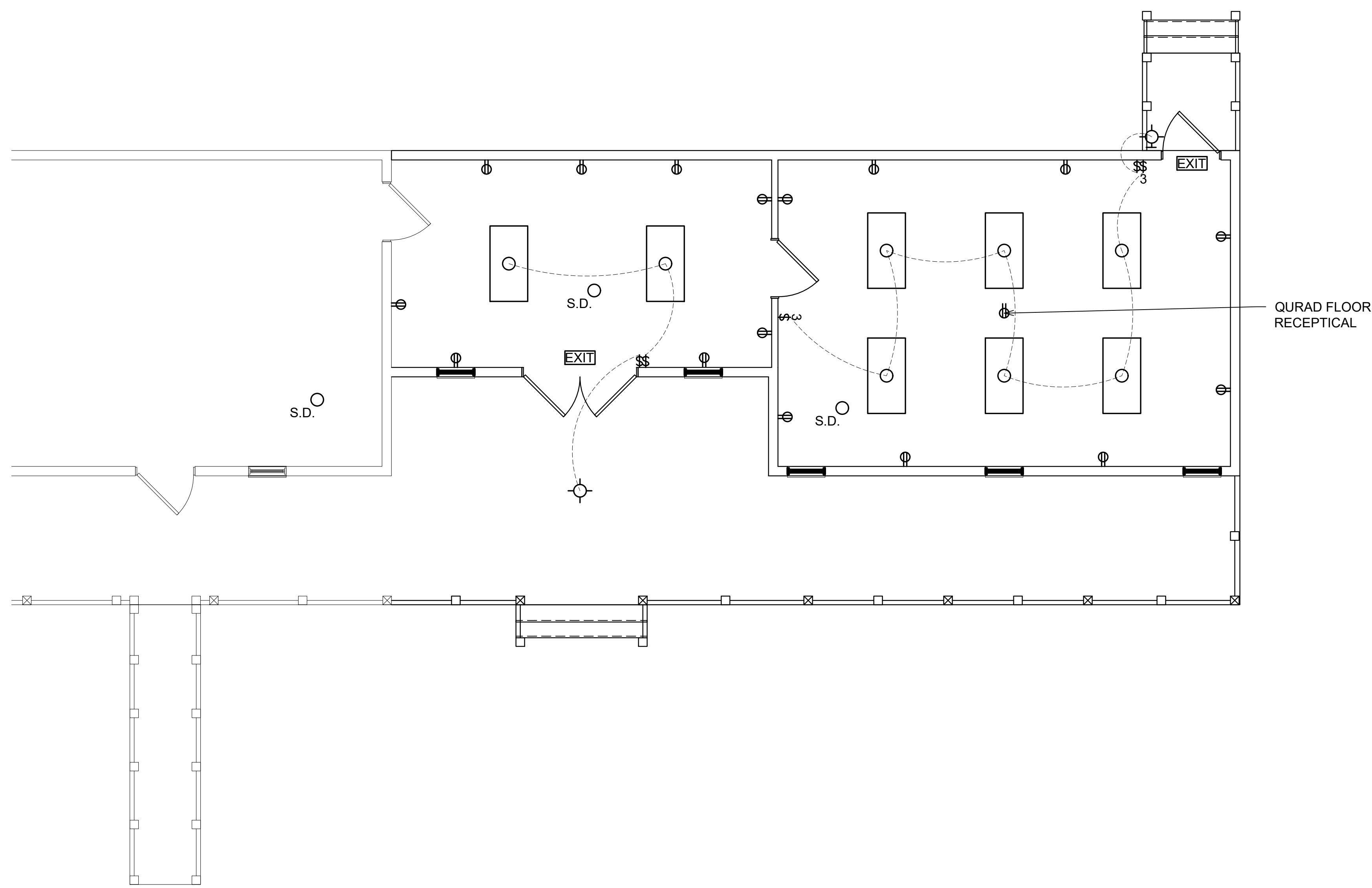
- PANELS AND POWER**
-  ELECTRICAL SERVICE PANEL
 -  NON-FUSIBLE HVAC DISCONNECT SWITCH

- FIRE ALARM SYSTEM**
-  CEILING OR WALL MOUNTED SMOKE DETECTOR AND /OR CARBON MONOXIDE DETECTOR

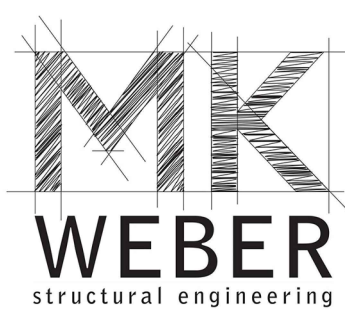
- WALL OUTLETS**
-  DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT MIN. 12" A.F.F. UNLESS NOTED OTHERWISE.
 -  DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT MIN. 12" A.F.F. UNLESS NOTED OTHERWISE; PROVIDE WEATHERPROOF BOX FOR RECEPTACLE
 -  DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 6" ABOVE COUNTER
 -  DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 6" ABOVE COUNTER
 -  220 VOLT, OR AS REQUIRED
 -  SPECIAL SERVICE RECEPTACLE OR JUNCTION BOX

- MISCELLANEOUS**
-  WALL MOUNTED THERMOSTAT

- ELECTRICAL NOTES :**
1. THIS PLAN IS DIAGRAMMATIC AND ACTUAL LAYOUT / DESIGN MAY VARY FROM SHOWN. ELECTRICAL FIXTURES AS PER OWNER / CONTRACTOR.
 2. ELECTRICAL DESIGN & INSTALLATION TO BE BY A FLORIDA LICENSED ELECTRICAL CONTRACTOR PER N.E.C. REQUIREMENTS / LOCAL CODES
 3. ELECTRICAL CONTRACTOR TO PROVIDE AND SIZE ELECTRICAL SERVICE PANELS, BREAKERS, AND /OR DISCONNECTS AS REQUIRED BY ELECTRICAL SYSTEM AND /OR CODES.
 4. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION.
 5. HVAC DESIGN & INSTALLATION TO BE BY A FLORIDA LICENSED MECHANICAL CONTRACTOR IN ACCORDANCE WITH D.C.A. ENERGY CODE REQUIREMENTS.
 6. PROVIDE ANY ADDITIONAL DATA COMM. AND/OR TELEVISION OUTLETS AS DIRECTED AS DIRECTED AND COORDINATED BY OWNER AND/OR GENERAL CONTRACTOR



1 **FIRST FLOOR ELECTRICAL PLAN**
 1/8" = 1'-0" (11x17) 1/4" = 1'-0" (22x34)



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Michael K. Weber P.E.
FL P.E. #75798

REVISONS:	COMMENTS:

DATE:	

RENOVATIONS FOR:
CALLAWAY HISTORIC SOCIETY
 522 BEULAH AVE.
 CALLAWAY, FLORIDA

ELECTRICAL
12/4/2019
Project No: 19330
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Drawing Number E1.0