CITY OF RICEBORO INVITATION TO BID



BID No. (CHIP2017-110) (Chatham Homes, Single-Family Housing Project)

Bid Release: (October 02, 2019)

Preconstruction Meeting: (October 11, 2019, 10:00 AM)

Bid Questions Deadline: (October 16, 2019, 5:00 PM)

Bid Due Date: (October 18,, 2019, 10:00 AM)

Postal Return Address:

City of Riceboro

Attn: Melinda McIver, City Clerk

4614 S. Coastal Highway Riceboro, GA 31323

Courier Delivery Address:

City of Riceboro

Attn: Melinda McIver, City Clerk

4616 S. Coastal Highway

Riceboro, GA 31323

City of Riceboro

Invitation to Bid BID No. (CHIP2017-110)

(Chatham Homes Single-Family Housing Project)

Sealed Bids will be received on behalf of the Liberty County Community Housing Development Organization (LCCHDO) by the City of Riceboro, City Clerk, 4614 S. Coastal Highway, Riceboro, GA. 31323 until (10:00 a.m.), October 18, 2019), for a General Contractor, to provide all materials, labor, tools, equipment, permits, licenses, etc. for the construction of Chatham Homes, Single-Family Housing Project located at S. Coastal Highway, Lot 1 & Lot 2.

OVERVIEW

The Liberty County Community Housing Development Organization, (Hereafter also referred to as "LCCHDO" seeks Bids to provide all materials, labor, tools, equipment, permits licenses, etc. for the construction of Chatham Homes, Single-Family Housing Project located at:

- Lot 1 S. Coastal Highway, Riceboro, GA 31323
- Lot2 S. Coastal Highway, Riceboro, GA 31323

A. Single Family Housing Development

The successful bidder shall be responsible for the turn-key construction of Single-Family Housing Development and Public Facilities Improvements located at S. Coastal Highway, Lot1 & Lot 2. The proposed developments shall consist of two single-family homes. The project area for each of the single-family dwellings will be a total of 1,272 square feet heated area, 198 square feet of unfinished space, 264 square feet for a garage and 192 square feet of porch space. The buildings are to be wood frame construction with wood roof and floor trusses. Exterior materials are to be vinyl exterior siding and architectural fiberglass shingle roof. Windows will be double hung vinyl with vinyl shutters. Interior finishes will consist of gypsum board walls and ceilings. Floor finishes will include vinyl and carpet. Kitchen and bath cabinets are to be painted with laminated counter tops. Exterior doors are to be insulated metal and interior doors are to be hollow core.

- The successful bidder shall provide all fixtures and equipment as shown on the architectural plans titled Chatham Homes.
- The project must meet all requirements of the International Building Code and the Georgia Accessibility Code. This construction shall be completed in accordance with local building codes, written specifications, and design drawings.
- Georgia Law requires Single-Family affordable housing projects awarded state or federal funds and
 constructed for individuals and families of low and very low incomes be constructed to be accessible
 (O.C.G.A. §8-3-172). Successful bidder must agree to adhere to "Visitability" requirements as defined
 in the bid packet.
- Each of the homes constructed will meet energy-standards such as Earth Craft™, Georgia Power Good Cents Home™, or other similar standards applicable to the style or type of construction, to the greatest extent possible.

B. Site Preparation and Grading

The project is located on approximately a 1.07-acre site in the City of Riceboro. The successful bidder shall be responsible for the oversight and management of the site work as shown on the site plans titled: Site Plans for Chatham Homes. Work shall include, but is not limited to, tree removal, grading, concrete driveway and sidewalks, gravel access road, soil erosion and sedimentation control, storm water infrastructure, water control, and all utility connections. The successful bidder shall be responsible for ensuring all proper construction standards are met including providing proper compaction of soil, aggregate, and pavement. The successful bidder shall ensure that site preparation and grading meet all applicable local, state, and federal soil erosion and sedimentation control requirements and storm water requirements. This construction shall be completed in accordance with local building codes, written specifications, and design drawings.

C. General Requirements

- 1. The successful bidder shall be responsible for providing an executed E-Verify S.A.V.E. document and all licenses, permits, and inspections (during and final) required of any regulatory agency having jurisdiction over this project.
- 2. The successful bidder shall be responsible for the maintenance and removal of all debris during and upon completion of the project. Upon completion of the project, the successful bidder shall remove all surplus materials, machinery, and equipment.
- 3. The successful bidder shall provide safety measures such as fencing, roping, signs, etc. that are required to ensure the public's safety during this project. The successful bidder shall also ensure that all erosion control measures on the job site as necessary.
- 4. Each bidder shall provide copies of any serious or willful federal, state, or local regulatory agency worker safety and health, or environmental non-compliance, or other regulatory agency violation citations issued to any of their firm's operations during the previous thirty-six (36) months. Each bidder shall provide resolution/settlement/notice of contest documentation, if applicable, as well as a brief summary of policy changes and actions your company has taken as a result of citations.
- 5. The successful bidder shall ensure that all subcontractors comply fully with the requirements of this RFP.
- 6. Construction shall be completed on or before *March 31, 2019*
 - a. Maintain staff for construction management to include an on-site
 - b. Superintendent.
 - c. Establish and maintain coordinating procedures.
 - d. Develop and maintain a detailed schedule including delivery, approvals, inspection, testing, construction, and occupancy.
 - e. Conduct and record job progress meetings.
 - f. Prepare and submit change order documentation for review and approval by project manager.
 - g. Maintain records and submit routine reports to reporting agencies.
 - h. Maintain quality control and ensure conformity to contract documents.
 - i. Provide cost control through progress payment review and verification according to the approved schedule and contract amounts.
 - j. Coordinate post completion activities, including the assembly of guarantees, manuals, asbuilt drawings, and the owner's final acceptance.
 - k. Implement and coordinate the one (1) year warranty and one (1) year warranty inspection.

7. Interpretations

- a. Any request for information from the owner shall be submitted to the Project Manager for clarification. Each request shall be numbered and sequentially dated.
- b. The Project Manager will interpret and decide matters concerning requirement and performance under the contract documents upon written request of either the owner or contractor. The response shall be made within responsible promptness and within time limits agreed upon.

Qualification and submittal documents may be obtained by going to the City of Riceboro website:

www.cityofriceboro.org Under the "Bid Opportunities" tab, find Proposal #CHIP 2017-110, Chatham

Homes, Single-Family Housing Project. From here you can view and download bid documents. This is the official release site for this request for proposals or any addenda that may be issued for same.

<u>The full Bid Packet, including House Plans, Site Plans, Soil Erosion Plans, and Housing Construction</u> Specification Sheet can be purchased, at the Contractors expense through:

Clayton Digital Reprographics
 1216 Brampton Ave, Statesboro, GA 30458

Phone: 912-681-3700 Website: cdrepro.com

Reference: Chatham Homes, Single-Family Housing Development, Bid No. CHIP 2017-110

OR

 City of Riceboro City Hall 4614 S. Coastal Highway Riceboro, GA 31323 Phone: 912-884-2986

Website: cityofriceboro.org

Reference: Chatham Homes, Single-Family Housing Development, Bid No. CHIP 2017-110

A <u>MANDATORY</u> pre-bid conference and facility visit will be conducted on Friday, October 11, 2019. The conference will begin at 10:00 AM. The meeting will be conducted at 4614 S. Coastal Highway, Riceboro, GA 31323. A site visit will be required immediately following the meeting. This meeting is <u>MANDATORY</u> for bid submission eligibility.

BID CORRESPONDENT

Upon Release of this Bid, all vendor communications concerning this Bid must be directed to the Grant Manager correspondent listed below:

(Theresa Dyer)

Home Development Resources, Inc.
PO Box 461,
Jefferson, GA. 30549
Phone: (706.389.5222)
(tdyerhdri@gmail.com)

Unauthorized contact regarding the Bid may result in disqualification. Any oral communications will be considered unofficial and non-binding on the CITY OF RICEBORO. Vendor should rely only on written statements issued by the Bid correspondent.

BID RESPONSE DATE AND LOCATION

The City Clerk must receive the vendors' Bid in a sealed envelope, in its entirety, not later than **(10:00 a.m.)**, Eastern Standard Time in Riceboro, Georgia on (**October 18, 2019**). Bids arriving after the deadline will be returned unopened to their senders. All Bids and accompanying documentation will become the property of the City of Riceboro and may not be returned. One **(1)** original and **(1)** copy of this Bid must be submitted to allow for evaluation. Individual responses are required for each house and site development. Bids must be clearly marked on the outside of the package:

(BID No. CHIP 2018-110 Chatham Homes, Single-Family Housing Project)

<u>Postal Return Address:</u> <u>Courier Delivery Address:</u>

City of Riceboro City of Riceboro

Attn: Melinda McIver, City Clerk

Attn: Melinda McIver, City Clerk

4614 S. Coastal Highway

Riceboro, GA 31323

Riceboro, GA 31323

Vendors assume the risk of the method of dispatch chosen. The City of Riceboro assumes no responsibility for delays caused by any delivery service. Postmarking by the due date will not substitute for actual Bid receipt. Late Bids will not be accepted, nor will additional time be granted to any vendor. Bids may not be delivered by facsimile transmission or other telecommunication or solely by electronic means.

Bid Schedule:

Bid Release: (October 02, 2019)

Pre-Construction Meeting: (October 11, 2019 @10:00 AM)

Bid Questions Deadline: (October 16, 2019 @ 10:00 AM)

Bid Due Date: (October 18, 2019 @ 10:00 AM)

WAIVER OF TECHNICALITIES

All items must meet or exceed specifications as stated by the City of Riceboro. The City of Riceboro reserves the right to waive any technicalities and to reject or accept any Bid in its entirety or to accept any portion thereof if it is determined that either method results in lower costs, better service, final satisfaction or is otherwise determined to be in the best interest of the City of Riceboro. Award may be made by item number or in total. Determination of best response to Bid will be the sole judgment of the City of Riceboro. Bids shall remain valid for ninety days for the date of Bid opening.

BID REJECTION

The City of Riceboro reserves the right to reject any or all Bids at any time without penalty.

MODIFICATION OF BIDS

Any clerical mistake that is patently obvious on the face of the Bid may, subject to the limitations described below, be corrected upon written request and verification submitted by the Bidders. A nonmaterial omission in a Bid may be corrected if the City of Riceboro determines that correction to be in the City's best interest. Omissions affecting or relating to any of the following shall be deemed material and shall not be corrected after Bid opening:

- (1) Price Information
- (2) Any required Insurance
- (3) Section 3 Packet
- (4) HUD Certification Forms
- (5) Bid Certification; and
- (6) Detailed spreadsheet for each phase of project

WITHDRAWAL OF BIDS

Bids may be withdrawn at any time prior to the Bid opening. After Bids have been publicly opened, withdrawal of a Bid shall be based upon the following:

The Bidders shall give notice in writing of his claim of right to withdraw his Bid due to an error within two business days after the conclusion of the Bid opening procedure. Bids may be withdrawn from consideration if the price is substantially lower than the other Bids due solely to a mistake therein, provided the Bid was submitted in good faith, and the mistake was a clerical mistake as opposed to a judgment mistake, and was actually due to an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of the Bid, which unintentional arithmetical error or unintentional omission can be clearly shown by objective evidence drawn from inspection of original work papers, documents and materials used in the preparation of the Bid sought to be withdrawn. The Bidder's original papers shall be the sole acceptable evidence of error and mistake if he elects to withdraw his Bid. If a Bid is withdrawn under the authority of this provision, the lowest remaining responsive Bid shall be deemed to be the low Bid.

BIDDERS RESPONSIBILITY

When determining whether a Bidder is responsible, or when evaluating a Bid, the following factors may be considered, any one of which will suffice to determine whether a Bidders is responsible, or the Bid is the most advantageous to the City:

- The ability, capacity and skill of the Bidders to perform the contract or provide the equipment and/or service required.
- The character, integrity, reputation, judgment, experience and efficiency of the Bidders (qualifications must be submitted with bid response).
- Whether the Bidders can perform the contract within the time specified.
- The quality of performance of previous public and private contracts or services, including, but not limited to, the Bidder's failure to perform satisfactorily or complete any written contract. The City's termination for default of a previous contract with a Bidder, within the past three years, shall be deemed to be such a failure.
- The previous and existing compliance by the Bidders with laws relating to the contract or service.
- Evidence of collusion with any other Bidders, in which case colluding Bidders will be restricted from submitting further Bids on the subject project or future Bids, for a period not less than three years.
- The Bidders has been convicted of a crime of moral turpitude or any felony, excepting convictions that have been pardoned, expunged or annulled, whether in this state, in any other state, by the United States, or in a foreign country, province or municipality. Bidders shall affirmatively disclose to the City all such convictions, especially of management personnel or the Bidders as an entity, prior to notice of award or execution of a contract, whichever comes first. Failure to make such affirmative disclosure shall be grounds, in the City's sole option and discretion, for termination for default subsequent to award or execution of the contract.
- If the Bidders will be unable, financially or otherwise, to perform the work.
- At the time of the Bid opening, the Bidder is not authorized to do business in Georgia, or otherwise lacks a necessary license, registration or permit.
- Any other reason deemed proper by the City.

NON-ENDORSEMENT

As a result of the selection of a vendor to supply products and/or services to the City of Riceboro, the City of Riceboro is neither endorsing nor suggesting that the vendor's product is the best or only solution. The vendor agrees to make no reference to the City of Riceboro in any literature, promotional material, brochures, sales presentation or the like without the express written consent of the City of Riceboro.

PROPRIETARY BID MATERIAL

Any information contained in the Bid that is proprietary will be neither accepted nor honored. All information contained in this Bid is subject to public disclosure.

RESPONSE PROPERTY OF THE CITY OF RICEBORO

All material submitted in response to this request become the property of the City of Riceboro. Selection or rejection of a response does not affect his right.

NO OBLIGATION TO BUY

The City of Riceboro reserves the right to refrain from contracting with or purchasing from any vendor. The release of this Bid does not compel the City of Riceboro to purchase.

COST OF PREPARING BIDS

The City of Riceboro is not liable for any cost incurred by vendors in the preparation and presentation of Bids and demonstrations submitted in response to this Bid.

NUMBER OF BID COPIES REQUIRED

Vendors are to submit (1) original Bid and (1) copy. Your submittal must have a signature in its "original form".

ADDENDA

Bidders are responsible to check the City of Riceboro's website for the issuance of any addenda prior to submitting a Bid. The address is www.cityofriceboro.org

BID AWARD AND EXECUTION

The City will select the Bid that, in its sole discretion, is the most responsive and responsible Bid to the City. The City reserves the right to make any award without further discussion of the Bid submitted; there may be no best and final offer procedure. Therefore, the Bid should be initially submitted on the most favorable terms the vendor can offer. The specification may be altered by the City of Riceboro based on the vendor's Bid and an increase or reduction of services with the manufacturer may be negotiated before Bid award and execution.

BID REQUIREMENTS/EVALUATION CRITERIA

The City will evaluate all written submittals. It is incumbent upon the Bidders to demonstrate within their Bids how each requirement will be satisfied. All Bids must meet the specification as outlined in this Bid. The City reserves the right to investigate the qualifications and experience of the Bidders, or to obtain new Bids. Bids not sufficiently detailed or in an unacceptable form may be rejected by the City. Dates and documentation included in the Bid become public information upon opening the Bids. Interested firms must follow the process outlined in the following pages in submitting their Bid.

The following criteria, not limited to or listed in order of importance, will be used to evaluate Bids.

- Terms, condition, and pricing.
- Cost of amenities available for the product(s).
- Ability to carry out project.
- Experience and capacity to complete project within allowed time frame (firm qualifications should be submitted with bid response).

BIDDER INSURANCE REQUIREMENTS

- Bidder must provide evidence, satisfactory to the City, of the following insurance requirements:
 - Owner requires the Contractor to have and maintain the following insurance coverage and indemnification provisions with the City of Riceboro named as an additional insured hereunder.

- o A notarized statement from the bidder's insurance company that the bidder qualifies and that should the bidder be awarded the contract; a bond will be issued at the time the construction contracts are executed. The successful bidder shall be required to provide a Payment Bond and a Performance Bond, each in an amount not less than 100% of the total bid amount, at the signing of the contract.
- The Contractor agrees to provide and maintain insurance coverage until the contract is completed and to furnish certificates from its insurance carriers showing that it carries insurance in the following minimum limits:

Commercial General Liability	
Each Occurrence	\$1,000,000
Personal & Advertising Injury	\$1,000,000
Medical Expense Any One Person	\$5,000
Damage to Rented Premises	\$50,000
Products (Completed / Operations Aggregate)	\$5,000,000
Auto Liability (Incl bodily injury & property damage)	
Combined Single Limit per Accident	\$1,000,000
Excess / Umbrella Liability	
Each Occurrence	\$1,000,000
Aggregate	\$1,000,000
Workers Compensation and Employers	
<u>Liability</u>	
WC - Each Employee	Statutory
Employer's Liability - Each Employee	\$1,000,000
Employer's Liability - Each Accident	\$1,000,000

o Proof of Insurance

Contractor shall furnish the Owner with certificates showing the type, amount, class of operations covered, effective dates, and date of expiration of policies. Such certificates shall also contain substantially the following statement: The insurance covered by this certificate will not be cancelled or materially altered, except after thirty (30) days written notice has been received by the Owner.

RESPONSIBILITIES OF THE BIDDER

The Bidder, at its sole expense shall:

- Deliver, install, test and adjust product.
- Repair or replace inoperable items within 48 hours of notification by the City.
- Comply with all laws, ordinances, regulations, requirements and rules with respect to the maintenance of the (product).
- This is a Section 3 Covered Project under the HUD Act of 1968 and Section 3 Residents and Business Concerns are encouraged to apply —Section 3 preferences and compliance will be discussed in detail at the Mandatory Pre-Bid Meeting. If Section 3 documents are not properly signed and submitted with the bid, the bid will be rejected.
- All contractors must include a completed (as well as signed and notarized) Section 3 Business
 Concern, Previous Certificate of Compliance and Action Plan with their bid proposal. Any bid
 proposal that is received without the completed forms both signed and notarized will be considered
 non-responsive and the response rejected. In reviewing the bid proposals, any contractors that are
 identified as qualified Section 3 Business Concerns should be reviewed and if legitimate, granted a
 Preference in contracting, all other things being equal.

HOUSING AND URBAN DEVELOPMENT REQUIREMENTS

Section 3 of the HUD Act of 1968, as amended

- A The work to be performed under this contract is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 170lu (section 3). The purpose of section 3 is to ensure that employment and other economic opportunities generated by HUD assistance or HUD• assisted projects covered by section 3, shall, to the greatest extent feasible, be directed to low- and very low-income persons, particularly persons who are recipients of HUD assistance for housing.
- The parties to this contract agree to comply with HUD's regulations in 24 CFR part 135, which implement Section 3. As evidenced by their execution of this contract, the parties to this contract certify that they are under no contractual or other impediment that would prevent them from complying with the part 135 regulations.
- The contractor agrees to send to each labor organization or representative of workers with which the contractor has a collective bargaining agreement or other understanding, if any, a notice advising the labor organization or workers' representative of the contractor's commitments under this section 3 clause, and will post copies of the notice in conspicuous places at the work site where both employees and applicants for training and employment positions can see the notice. The notice shall describe the section 3 preference, shall set forth minimum number and job titles subject to hire, availability of apprenticeship and training positions, the qualifications for each; and the name and location of the person(s) taking applications for each of the positions; and the anticipated date the work shall begin.
- The contractor agrees to include this Section 3 clause in every subcontract subject to compliance with regulations in 24 CFR part 135, and agrees to take appropriate action, as provided in an applicable

provision of the subcontract or in this section 3 clause, upon a finding that the subcontractor is in violation of the regulations in 24 CFR part 135. The contractor will not subcontract with any subcontractor where the contractor has notice or knowledge that the subcontractor has been found in violation of the regulations in 24 CFR part 135.

- The contractor will certify that any vacant employment positions, including training positions, that are filled (I) after the contractor is selected but before the contract is executed, and (2) with persons other than those to whom the regulations of 24 CFR part 135 require employment opportunities to be directed, were not filled to circumvent the contractor's obligations under 24 CFR part 135.
- Noncompliance with HUD's regulations in 24 CFR part 135 may result in sanctions, termination of this contract for default, and debarment or suspension from future HUD assisted contracts.
- With respect to work performed in connection with section 3 covered Indian housing assistance, section 7(b) of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 450e) also applies to the work to be performed under this contract. Section 7(b) requires that to the greatest extent feasible (i) preference and opportunities for training and employment shall be given to Indians, and (ii) preference in the award of contracts and subcontracts shall be given to Indian organizations and Indian-owned Economic Enterprises. Parties to this contract that are subject to the provisions of section 3 and section 7(b) agree to comply with section 3 to the maximum extent feasible, but not in derogation of compliance with section 7(b).

CONTRACTOR ACKNOWLEDGEMENT OF SPECIAL TERMS AND CONDITIONS

Recipient acknowledges that they have reviewed and will comply with the special terms and conditions as stated above.

Signed, sealed, and delivered	
In the presence of:	(Name of Company)
	By:
Unofficial Witness	(Person authorized to sign binding contract)
	Title:
Notary Public	_ Attest:
Commission Expires:	(Officer of Company if Corporation)
	Title:

^{**}The City of Riceboro is an equal opportunity owner/employer and will not discriminate against any vendor because of race, creed, color, religion, sex, national origin, or ADA disability status.

Bid Packet/Project: Chatham Homes, Single-Family Housing Project, Bid No. CHIP2017-110

Developer: Liberty County Community Housing Development Organization (LCCHDO),

James Thomas, Construction Manager

Phone: 912-572-3512 adiasara@comcast.net

Grant Manager: Theresa L. Dyer

tdyerhdri@gmail.com

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Bid Opening Conditions	
Bid Certification Form	
Bid and Proposal Forms Lot A, B, C, & D	
New Construction Specification Sheet	Exhibit "A"
Universal Design Features	
Visitability Requirements	
Mandatory Section 3 Packet	Exhibit "B"

Notes:			

BID OPENING CONDITIONS Bid No. CHIP2017-110

- 1. You are invited to submit a proposal for improvements listed on the attached Bid and Proposal Form for the project titled: Chatham Homes, Single-Family Housing Development
- 2. Should you submit a bid, it must be delivered to this location in a *sealed* envelope clearly labeled Chatham Homes, Single-Family Housing Project Bid No. CHIP 2017-110 and addressed to:

<u>Postal Return Address:</u> <u>Courier Delivery Address:</u>

City of Riceboro City of Riceboro

Attn: Melinda McIver, City Clerk

Attn: Melinda McIver, City Clerk

4614 S. Coastal Highway 4614 S. Coastal Highway

Riceboro, GA 31323 Riceboro, GA 31323

No later than 10:00 am on October 18, 2019, at which time bids will be opened and publicly read.

3. You are requested to complete IN FULL and submit 1 original and 1 copy for each of the enclosed "Bid and Proposal Form".

The apparent low bidder shall be responsible for submitting a detailed unit cost and line item cost/budget analysis, for each task listed on the architectural and civil engineering plans titled Chatham Homes. The stated information shall be due with the submission of the bid, no grace period will be given for response.

<u>Failure to provide unit cost and line item cost for each task will result in the bid being deemed non-responsive and the next lowest bidder will be given the opportunity to provide the information.</u>

- 4. Please submit copies of a current State of Georgia Contractor's License and proof of insurance.
- 5. A mandatory pre-bid conference and facility visit will be conducted on Friday, October 11, 2019. The conference will begin at 10:00 AM. The meeting will be conducted at 4614 S. Coastal Highway, Riceboro, GA 31323. A site visit will be required immediately following the meeting. This meeting is mandatory for bid submission eligibility. Contact Theresa Dyer confirming attendance tdyerhdri@gmail.com.
- 6. Under no circumstance will any project information be released prior to the mandatory meeting.
- 7. After the walk-through, should you have any questions or concerns about any of the items listed on the architectural or site plans, please "Reply All" to the group email <u>PRIOR</u> to bidding. Individual emails or phone calls to the Developer, Grant Manager, or the City will receive no response.
- 8. You are reminded to bid only on the items designated on the architectural plans as well as the site plans titled Chatham Homes, Single-Family Housing Development.

- 9. The Contractor Is Responsible for Verification of All Quantities. The contractor is cautioned to verify site conditions and quantities prior to submitting a price quote. Project change orders will not be approved due to items missed by contractor.
- 10. The General Requirements, Universal Design Features, and Visitability Requirements provided, will be applicable to this contract.
- 11. The City reserves the right to accept or reject any and all BIDS and waive formalities in the best interest of the City of Riceboro and/or Developer. The City reserves the right to reject any BIDS that does not represent a complete response.
- 12. The submitting contractor is solely responsible to ensure timely delivery of its BID package. The City and/or Developer will not be responsible for failure of service on the part of the U.S. Postal Service, commercial courier company or other delivery method.
- 13. The City and/or Developer are not liable for any expenses incurred in connection with the preparation of a response to this BID.
- 14. Once opened, the BID becomes the property of the City and will not be returned to the contractor. Upon opening, the proposal becomes public record and shall be subject to public disclosure in accordance with Georgia Open Records Act O.C.G.A. 50-18-70 et seq., or other applicable laws.
- 15. Bids may be withdrawn at any time prior to the Bid opening. After Bids have been publicly opened, withdrawal of a Bid shall be based upon the following:

The Bidders shall give notice in writing of his claim of right to withdraw his Bid due to an error within two business days after the conclusion of the Bid opening procedure. Bids may be withdrawn from consideration if the price is substantially lower than the other Bids due solely to a mistake therein, provided the Bid was submitted in good faith, and the mistake was a clerical mistake as opposed to a judgment mistake, and was actually due to an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of the Bid, which unintentional arithmetical error or unintentional omission can be clearly shown by objective evidence drawn from inspection of original work papers, documents and materials used in the preparation of the Bid sought to be withdrawn. The Bidder's original papers shall be the sole acceptable evidence of error and mistake if he elects to withdraw his Bid. If a Bid is withdrawn under the authority of this provision, the lowest remaining responsive Bid shall be deemed to be the low Bid.

16. All bid prices shall be firm for 90 days.

City of Riceboro

Invitation to Bid BID No. (CHIP2017-110)

(Chatham Homes Single-Family Housing Project)

Bid Certification)

Bidders must return the following certification with their Bids.

With my signature, I certify that I am authorized to commit my firm to the Bid and that they information herein is valid for 90 days from this date.

I further certify that all information presented herein is accurate and complete and that the scope of work can be performed as presented in this Bid upon the City's request.

Bidders Signature	Date	
Name (printed)	Title	
Unofficial Witness Signature	Date	
Name (printed)	Title	
Company		
Address		
Phone	Fax	
Email Address		
Notary Public Commission Expires:		

City of Riceboro

Invitation to Bid BID No. (CHIP2017-110)

(Chatham Homes Single-Family Housing Project)

Bid Certification)

This form must be completed and signed for bid to be considered.

Postal Return Address:	<u>Courier Delivery Address:</u>
City of Riceboro	City of Riceboro
Attn: Melinda McIver, City Clerk	Attn: Melinda McIver, City Clerk
4614 S. Coastal Highway	4614 S. Coastal Highway
Riceboro, GA 31323	Riceboro, GA 31323
Bid Response:	
Price: \$	
Having read and responded to all attached terms and conditions.	d specifications, the undersigned offers the above quoted prices,
Signed, sealed, and delivered	
In the presence of:	 (Name of Company)
in the presence of.	(Mairie of Company)
	By: (Person authorized to sign binding contract)
Unofficial Witness	(Person authorized to sign binding contract)
	Title:
	Hue
Notary Public	Attest: (Officer of Company if Corporation)
Commission Expires:	(Officer of Company if Corporation)
	Title:

BID AND PROPOSAL FORM

Bid No. CHIP2017-110

Housing Construction Chatham Homes, Lot 1

Submitted By:	Date	2:
Name:		
Phone:	Email:	
GA State Contractors License N	Number:	
architectural plans for Chatham H propose to furnish all labor, mater	omes, and understand the extent and cials and equipment necessary to accord CHED BID DOCUMENT required beations:	
LA DOD COST.	(If no exceptions, so sta	
I will be using the following su	bcontractors, if necessary:	
	se#:	
Plumbing Contractor and Licer	se #:	
HVAC Contractor and License	#:	
	onsecutive days from the date of awa endar days after No Notice of Comme	ard and/or execution of the contract and will encement.
Contractor Signature,	Title	Date
Votary		

BID AND PROPOSAL FORM Bid No. CHIP2017-110 Housing Construction

Chatham Homes, Lot 2

Submitted By:	Dat	te:	
Name:			
Phone:	Email:		
GA State Contractors License	Number:		
architectural plans for Chatham l propose to furnish all labor, mate	Homes, and understand the extent and crials and equipment necessary to accordenate BID DOCUMENT required		
	(If no exceptions, so sta	,	
LABOR COST:			
MATERIAL COST:			
I will be using the following s	ubcontractors, if necessary:		
Electrical Contractor and Lice	nse#:		
Plumbing Contractor and Lice	nse #:		
HVAC Contractor and Licens	e#:		
		of award and/or execution of the co Commencement. BID AND PROPOS	
Contractor Signature,	Title	Date	
Notary			

BID AND PROPOSAL FORM Bid No. CHIP2017-110 SITE DEVELOPMENT ONLY

Chatham Homes, Single-Family Housing Development

Submitted By:		Date:	
Name:			
Address:			
Phone:	Email:		
GA State Contractors Lice	ense Number:		
architectural plans for Chath propose to furnish all labor,	r, having inspected the property as am Homes, and understand the exmaterials and equipment necessar TTACHED BID DOCUMENT g exceptions:	xtent and character of the work ry to accomplish ALL SITE D	to be performed. I EVELOPMENT ro/ and or the
	(If no exceptio	ns, so state)	
LABOR COST:			
MATERIAL COST:			
I will be using the followi	ng subcontractors, if necessary	r:	
Electrical Contractor and	License #:		
Plumbing Contractor and	License #:		
HVAC Contractor and Lie	cense #:		
	thin 10 consecutive days from thin 150 calendar days after N		cution of the contract and
Contractor Signature,	Title	Da	te
Notary			

General Requirements

- 1. The report was prepared for the sole and confidential use of the above client. It may not be duplicated.
- 2. This write-up is to be completed in its entirety. Everything must be done, or a change order submitted.
- 3. All work must meet City, County, State of Georgia and Federal Code requirement as well as Manufacturer Installation Instructions.
- 4. Contractor questions must be in writing. No verbal reports are given for projects.
- 5. Contact is Theresa L. Dyer; email: tdyerhdri@gmail.com
- 6. Abbreviations:
 - a. lf=linear feet
 - b. ea=each
 - c. sf=square feet
 - d. sy=square yard
- 7. It shall be the responsibility of the contractor to validate exact measurements.
- 8. All work is to be done during regular work hours unless approved by the City.
- 9. The contractor is required to be present at the final inspection.
- 10. The contractor shall always keep the entire site free of rubbish and debris .
- 11. Any new wood, excluding framing members shall be primed before installation and then painted to cover completely and evenly without runs, sags or drips.
- 12.New pressure treated wood will <u>not</u> be painted.
- 13.All products installed on the home must be lead free.
- 14. Personal items should be safeguarded by moving or storing the items during the project.

Universal Design Features

Entrances:

- 1. Accessible parking convenient to dwelling [covered from the elements],
- 2. Accessible path of travel to dwelling from parking or drop off area [slope of 1:20 or less eliminates the necessity for handrails, except when needed by a specific individual],
- 3. At least one entrance without steps and flues or low-profile threshold,
- 4. Minimum 5 feet X 5 feet maneuvering space at stepless entrance,
- 5. 36-inch minimum exterior door with lever hardware,
- 6. Movement sensor light at entrance,
- 7. A sidelight or a peephole at 42 and 60 inches above the floor,
- 8. Ambient and focused lighting at keyhole,
- 9. High visibility address numbers.

General Interior:

- 1. Hall width 42 inches minimum [interior accessible route is 36 inches],
- 2. Interior door width 32-inch minimum [requires 34 or 36-inch-wide door], equipped with lever hardware,
- 3. Flush transitions between floor surfaces [maximum of ½ -inch rise],
- 4. 5 pounds maximum force to open doors,
- 5. 18-inch minimum space at latch side of door,
- 6. 5-feet X 5-feet maneuvering space in each rook [after furniture is placed],
- 7. Increased number of electrical outlets for additional lighting and alarm indicators, especially in bedrooms,
- 8. Electrical outlets at 18-inch minimum height,
- 9. Light switches 44 inches maximum above floor,
- 10. View windows at 36-inche maximum sill height and large enough to use as an escape route in the event of an emergency,

- 11. Crank operated [casement] or light weight sliding windows,
- 12. Closet rods adjustable from 30 inches to 66 inches above the floor,
- 13. Loop or other easy-to-use handle pulls on drawers and cabinets,
- 14. High contrast, glare free floor surfaces and trim,
- 15. Low pile carpet or smooth anti-slip flooring,
- 16. High-speed internet access data connection port and cabling.

Bathrooms:

- 1. 60-inch diameter turning circle,
- 2. 30-inch X 48-inch area of approach [forward or parallel, depending on fixture type] in front of all fixtures,
- 3. Toilet more usable by many if positioned in a 5-feet X 5-feet space with centerline 18 inches from sidewall,
- 4. 32-inch minimum lavatory counter height with lever faucet control,
- 5. Adaptable cabinets to reveal knee space under lavatory. Exposed piping in knee space should be padded or concealed,
- 6. When tub or shower are installed, select models designed to accept a portable bench or bathing seat,
- 7. Curb less or roll-in shower plus standard tub,
- 8. Offset single-lever controls in tub and shower to minimize stooping, bending and reaching,
- 9. Adjustable height hand-held shower head in addition to standard fixed shower head,
- 10. Anti-scald devices on all plumbing fixtures,
- 11. Enlarged reinforced areas around toilet and bathing fixture to provide secure mounting locations for grab bars and shower seats,
- 12. Mirror to backsplash at lavatory,
- 13. Contrasting color edge border at countertops.

Kitchens:

- 1. 60-inch diameter turning space,
- 2. 30-inch X 48-inch area of approach [forward or parallel, depending on fixture type] in front of all appliances,
- Cooktop or range with front or side-mounted controls and staggered burners to eliminate dangerous reaching,
- 4. Front-mounted controls on washer and dryer,
- 5. Adaptable cabinets to reveal knee space [when needed] at sink and under work surface near cooking appliance,
- 6. Variable height sinks adjustable between 32 and 40 inches,
- 7. Exposed piping and any sharp or hot elements in any knee space should be padded or concealed,
- 8. Single-lever faucet controls,
- 9. Full height pantry cabinets for high and low storage,
- 10. Adjustable height shelves in wall cabinets,
- 11. Refrigerator/freezer with frozen food storage in the bottom or side-by-side refrigerator/freezer,
- 12. Variable height counter surfaces or adjustable through a range of 28 to 40 inches,
- 13. Base cabinets with pullout shelves or drawers,
- 14. Contrasting color edge border at countertops,
- 15. Microwave oven at countertop height with uninterrupted counter surface or pull out shelfto support the safe transfer of hot and /or heavy cookware,
- 16. Under cabinet glare free task lighting.

VISITABILITY REQUIREMENTS

DCA Requirements: Georgia Single-Family Accessibility (O.C.G.A. §8-3-172)

Georgia Law requires Single-Family affordable housing projects awarded state or federal funds and constructed for individuals and families of low and very low incomes be constructed to be accessible. Specifically, at least one entrance door whether located at the front, side, or back of the building, must be on an accessible route served by a ramp or nostep entrance; and has to have at least a standard 36-inch door. In addition, on the first floor of the building, each interior door must be at least a standard door with 32-inch clearway, unless the door provides access only to a closet of less than 15 square feet in area; each hallway has a width of at least 36 inches and is level, with ramped or beveled changes at each door threshold; each bathroom wall is reinforced for installation of grab bars; (for this project grab bars will be installed in the owners bath and the main bath will be reinforced for future grab bar installation); each electrical panel or breaker box, light switch, or thermostat is not higher than 48 inches above the floor; each electrical plug or other receptacle is at least 15 inches above the floor; and the main breaker box is located inside the building on the first floor. Local building codes remain in effect. If a local code requires greater accessibility than those required in state and federal law, then the local code must be followed. However, if a state or local code requires less accessibility than the state or federal law, then the state or federal law will prevail and must be followed.

ABBREVIATIONS

ACC. = ACCESS
BWL. = BRACED WALL LINE

= CLOSET

BWP. = BRACED WALL PANEL
C.O. = CASED OPENING
C.J. = CEILING JOIST

COL. = COLUMN
COMP. = COMPOSITION
CONC. = CONCRETE

CLOS.

EXH.

CONT. = CONTINUOUS C.M.A. = CARBON MONOXIDE ALARM

C.M.U. = CONCRETE MASONRY UNIT
D.H. = DOUBLE HUNG

DIA. = DIAMETER
D.J. = DOUBLE JOIST
DN. = DOWN

= EXHAUST

EXT. = EXTERIOR FL.J. = FLOOR JOIST

FTG. = FOOTING

G.F.I. = GROUND FAULT INTERRUPTER
H.B. = HOSE BIB

LVL = LAMINATED VENEER LUMBER

M.O. = MASONRY OPENING

MAS. = MASONRY MAX. = MAXIMUM

M.C. = MEDICINE CABINET

MTL. = METAL
MIN. = MINIMUM

O.C. = ON CENTER

OSB = ORIENTED STRAND BOARD PERF. = PERFORATED

REC. = RECESSED REINF. = REINFORCED

SCR. = SCREENED

S.D. = SMOKE DETECTOR

SEC. = SECOND

SHWR. = SHOWER

S.Y.P. = SOUTHERN YELLOW PINE

S.P.F. = SPRUCE/PINE/FIR SUSP. = SUSPENDED

TYP. = TYPICAL

U.O.N. = UNLESS OTHERWISE NOTED

WASH. = WASHER

W.H. = WATER HEATER
W.P. = WEATHER PROOF

W.W.M. = WELDED WIRE MESH

WDW. HT. = WINDOW HEIGHT

SYMBOLS

-OI = HOSE BIE

= SWITCH

 $S_3 = 3-WAY SWITCH$

→ = LIGHT FIXTURE

| = EXHAUST FAN & LIGHT

SMOKE DETECTOR

= TELEPHONE JACK

⇒ = CONVENIENCE OUTLET

= SHOWER HEAD

= 220 VOLT OUTLET

● = GROUND FAULT INTERRUPTER

= CEILING FAN

= CARBON MONOXIDE ALARM

GENERAL NOTES AND SPECIFICATIONS

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ORIGINAL PURCHASE AGREEMENT

SEE ATTACHED CONSTRUCTION LICENSE FOR INVOICE NUMBER 12167.

BUILDING CODE INFORMATION

THIS PLAN HAS BEEN DRAWN TO CONFORM TO THE NORTH CAROLINA RESIDENTIAL CODE, 2018 EDITION (2015 INTERNATIONAL RESIDENTIAL CODE FOR ONE— AND TWO—FAMILY DWELLINGS, CURRENT EDITION) WITH AMENDMENTS UNLESS OTHERWISE NOTED. (SEE ATTACHMENTS)

PRIOR TO CONSTRUCTION

THE CONTRACTOR SHALL REVIEW THE PLAN(S) FOR THIS PARTICULAR BUILDING PROJECT TO ENSURE COMPLIANCE WITH ALL NATIONAL, STATE AND LOCAL CODES, CLIMATIC GEOGRAPHIC DESIGN CRITERIA, AND ANY OTHER PROVISIONS THAT MAY BE REQUIRED BY VA/FHA/RD.

THE CONTRACTOR SHALL VERIFY PLAN DIMENSIONS, STRUCTURAL COMPONENTS, AND GENERAL SPECIFICATIONS CONTAINED IN THIS SET OF PLANS AND REPORT ANY DISCREPANCIES TO STANDARD HOMES PLAN SERVICE, INC. FOR JUSTIFICATION OR CORRECTION BEFORE PROCEEDING WITH WORK ON HOUSE.

THE CONTRACTOR SHALL DETERMINE ROUGH OPENING SIZES FOR ALL BUILT—IN EQUIPMENT AND/OR FACILITIES AND ADJUST PLAN DIMENSIONS AS REQUIRED.

DO NOT SCALE FROM BLUEPRINTS. REFER TO THE LABELED DIMENSIONS FOR ACTUAL MEASUREMENTS.

IT SHALL BE THE RESPONSIBILITY OF THE OWNER/BUILDER TO PROVIDE FOR THE SERVICES OF A PROFESSIONAL ENGINEER IF REQUIRED BY THE BUILDING CODE OFFICIAL.

SHIPPING DATE: 8-15-2019

STAMP MUST APPEAR IN RED. PLANS FOR WHICH A BUILDING PERMIT HAS NOT BEEN OBTAINED ONE YEAR FROM THE ABOVE DATE IS SUBJECT TO REVIEW BY STANDARD HOMES PLAN SERVICE, INC. A FEE MAY BE CHARGED FOR THIS SERVICE.

EXCAVATION

EXCAVATE TO UNDISTURBED SOIL. BOTTOM OF FOOTING SHALL EXTEND BELOW LOCAL FROST LINE AND TO A MINIMUM DEPTH OF 12" BELOW ADJACENT GRADE. (PRESUMED 2000 PSF SOIL BEARING CAPACITY).

EXPANSIVE, COMPRESSIVE OR SHIFTING SOILS SHALL BE REMOVED TO A DEPTH AND WIDTH SUFFICIENT TO ASSUME A STABLE MOISTURE CONTENT IN EACH ACTIVE ZONE.

FOUNDATION

PROVIDE 1/2" DIA. STEEL ANCHOR BOLTS 6'-0" O.C., 1'-0" MAX. FROM CORNERS AND 1'-0" MAX. FROM ENDS OF EACH PLATE SECTION, WITH 7" MIN. FMRFDMFNT.

PROVIDE FOUNDATION WATERPROOFING AND DRAIN WITH POSITIVE SLOPE TO OUTLET AS REQUIRED BY SITE CONDITIONS.

SLOPE GRADE AWAY FROM FOUNDATION WALLS 6" MINIMUM WITHIN THE FIRST 10 FEET.

PROVIDE PRESSURE TREATED LUMBER FOR SILLS, PLATES, BANDS AND ANY LUMBER IN CONTACT WITH MASONRY.

PROVIDE APPROVED AND BONDED CHEMICAL SOIL TREATMENT AGAINST FUNGUS, TERMITES AND OTHER HARMFUL INSECTS.

CRAWL SPACE

ALL GIRDER JOINTS AND ENDS OF GIRDERS SHALL REST ON SOLID BEARINGS. FILL CORES OF HOLLOW MASONRY TO FOOTING WITH CONCRETE. FILL TOP COURSE CORES OF EXTERIOR FOUNDATION WALL WITH CONCRETE.

FOOTINGS SHALL EXTEND 6" AND SHALL BE 12" THICK UNDER GIRDER PIERS.

CHIMNEY FOOTING SHALL EXTEND 12" MINIMUM BEYOND EACH SIDE AND SHALL BE AT LEAST 12" THICK.

BASEMENT

ALL GIRDER JOINTS SHALL BREAK ON COLUMN CENTER LINES (STAGGERED) AND ENDS OF GIRDERS SHALL REST ON SOLID MASONRY.

DOUBLE SILL AND USE LEDGER OVER ALL BASEMENT OPENINGS.

ALL BASE. SASH SHALL BE 18/20 2-LT. 3'-3 7/8" X 1'-11 15/16" 3420 HB.

FRAMING

ALL FLOOR JOISTS, CEILING JOISTS, RAFTERS, GIRDERS, HEADERS, SILLS AND BEAMS SHALL BE NO. 2 SPRUCE/PINE/FIR (S.P.F.) UNLESS OTHERWISE INDICATED.

ALL LOAD BEARING WALLS SHALL BE STUD GRADE SPRUCE/PINE/FIR (S.P.F.) UNLESS OTHERWISE INDICATED.

DESIGN SPECIFICATIONS FOR LAMINATED VENEER LUMBER (LVL)

BEAMS AND HEADERS : GRAI

GRADE : 2950Fb-2.0E BENDING Fb : 2950 MOE : 2.0 X 10⁶ SHEAR Fv : 290

SUPPORT FOR HEADERS:

HEADERS SHALL BE SUPPORTED ON EACH END WITH ONE OR MORE JACK STUDS OR WITH APPROVED FRAMING ANCHORS IN ACCORDANCE WITH BUILDING CODE (SEE PLAN). THE FULL—HEIGHT STUD ADJACENT TO EACH END OF THE HEADER SHALL BE END NAILED TO EACH END OF THE HEADER WITH FOUR—16D NAILS. SEE TABLE BELOW.

 $\mbox{\scriptsize MINIMUM}$ NUMBER OF FULL HEIGHT STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS:

HEADER SPAN	MAXIMUM STUD SPACING (INCHES			
(FEET)	16	24		
3 FEET OR LESS	1	1		
4 FT.	2	1		
8 FT.	3	2		
12 FT.	5	3		
16 FT.	6	4		

CLIMATIC AND GEOGRAPHICAL DESIGN CRITERIA

ROOF LIVE LOAD (POUNDS PER SQUARE FOOT): 20 PSF
ULTIMATE DESIGN WIND SPEED (MILES PER HOUR): 120 MPH
NOMINAL DESIGN WIND SPEED: 93 MPH
EXPOSURE CATEGORY "B" UNLESS OTHERWISE NOTED
WINDOW DESIGN PRESSURE RATING: DP 25
COMPONENT AND CLADDING LOADS FOR A BUILDING WITH
A MEAN ROOF HEIGHT OF 30 FEET OR LESS:

PRESSURE ZONE	ULTIMATE DESIGN WIND SPEED (MPH)				
FRESSORE ZONE	115 120		130	140	
ZONE 1	13.1, -14.0	14.2, -15.0	16.7, -18.0	19.4, -21.0	
ZONE 2	13.1, -16.0	14.2, -18.0	16.7, -21.0	19.4, -24.0	
ZONE 3	13.1, -16.0	14.2, -18.0	16.7, -21.0	19.4, -24.0	
ZONE 4	14.3, -15.0	15.5, -16.0	18.2, -19.0	21.2, -22.0	
ZONE 5	14.3, -19.0	15.5, -20.0	18.2, -24.0	21.2, -28.0	

ASSUMED MEAN ROOF HEIGHT: 18'-0"

SEISMIC CONDITION BY ZONE: ZONES A AND B
SUBJECT TO DAMAGE FROM WEATHERING: MODERATE
CLIMATE ZONES (UNLESS OTHERWISE NOTED): ZONES 3 AND 4
MINIMUM VALUES FOR ENERGY COMPLIANCE:
CEILING R-38; EXTERIOR WALLS R-15; SLAB R-10
WINDOW U-FACTOR ≤ 0.35; RECOMMENDED SHGC ≤ 0.30

MISCELLANEOUS

LOCATE ALL CONVENIENCE OUTLETS ABOVE KITCHEN BASE CABINETS 42" ABOVE FINISHED FLOOR.

EMERGENCY EGRESS REQUIREMENTS

IT SHALL BE THE RESPONSIBILITY OF THE OWNER/BUILDER TO VERIFY CONFORMITY WITH EGRESS REQUIREMENTS BASED ON SPECIFICATIONS PROVIDED BY WINDOW MANUFACTURER.

2018 NORTH CAROLINA RESIDENTIAL CODE

THE REQUIRED EGRESS WINDOW FROM EVERY SLEEPING ROOM SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44 INCHES ABOVE FINISHED FLOOR. THE NET CLEAR OPENING SHALL NOT BE LESS THAN 4.0 SQUARE FEET WHERE THE NET CLEAR OPENING HEIGHT SHALL BE AT LEAST 22 INCHES AND THE NET CLEAR OPENING WIDTH SHALL BE AT LEAST 20 INCHES. IN ADDITION THE MINIMUM TOTAL GLASS AREA SHALL NOT BE LESS THAN 5.0 SQUARE FEET IN THE CASE OF A GROUND STORY WINDOW AND NOT LESS THAN 5.7 SQUARE FEET IN THE CASE OF A SECOND STORY WINDOW.

2015 INTERNATIONAL RESIDENTIAL CODE

THE REQUIRED EGRESS WINDOW FROM EVERY SLEEPING ROOM SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44 INCHES ABOVE FINISHED FLOOR. ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET EXCEPT GRADE FLOOR OPENINGS SHALL HAVE A MINIMUM NET OPENING OF 5 SQUARE FEET. THE MINIMUM NET CLEAR OPENING HEIGHT SHALL BE 24 INCHES. THE MINIMUM NET CLEAR OPENING WIDTH SHALL BE 20 INCHES

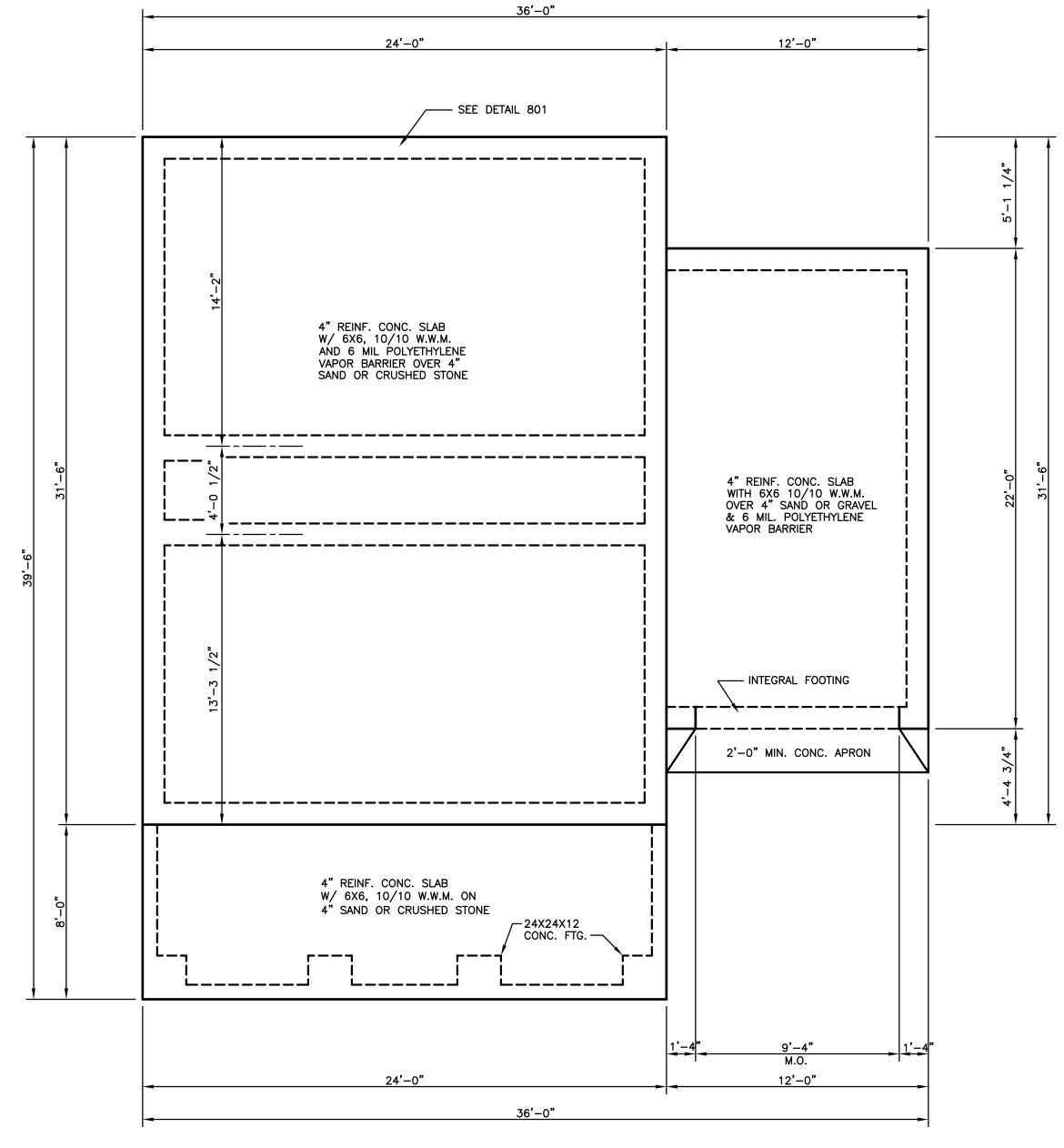
FLOATING SLAB REVISED 08-14-19



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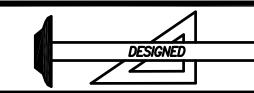
SEE HOME DESIGN PREVIEWS ONLINE AT WWW.STANDARDHOMES.COM





FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

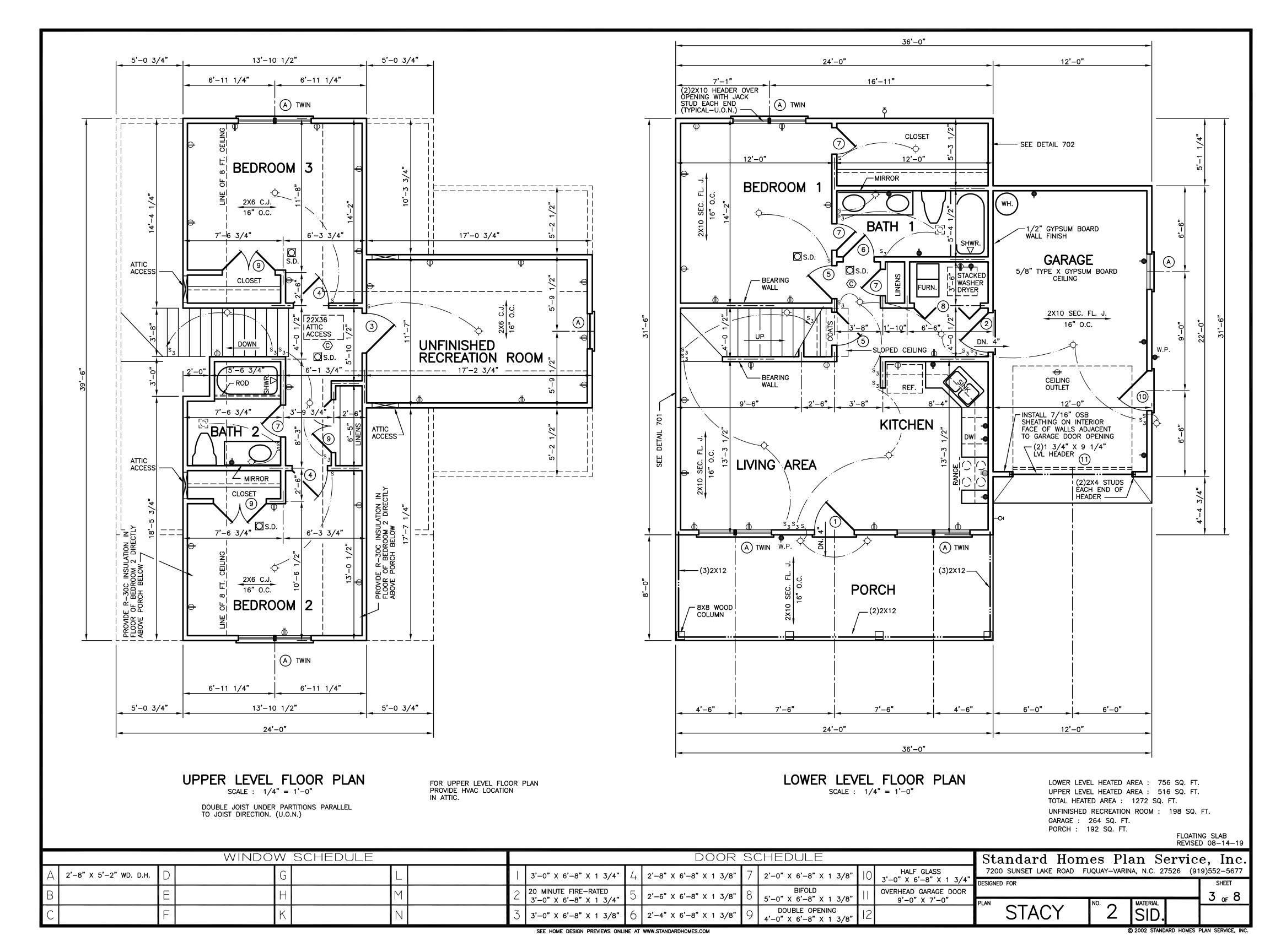
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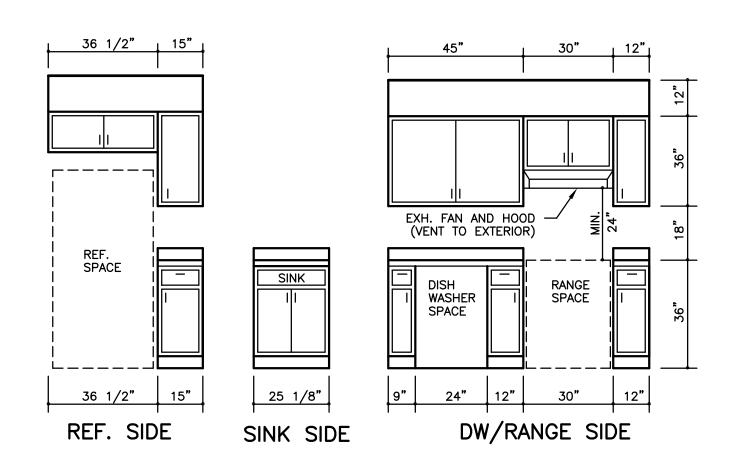


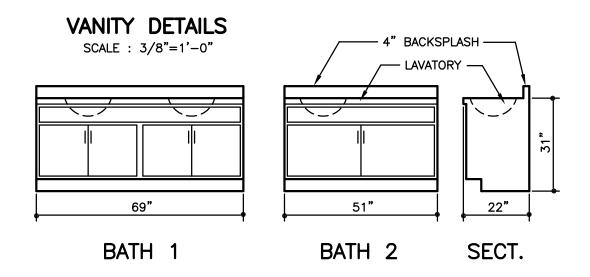
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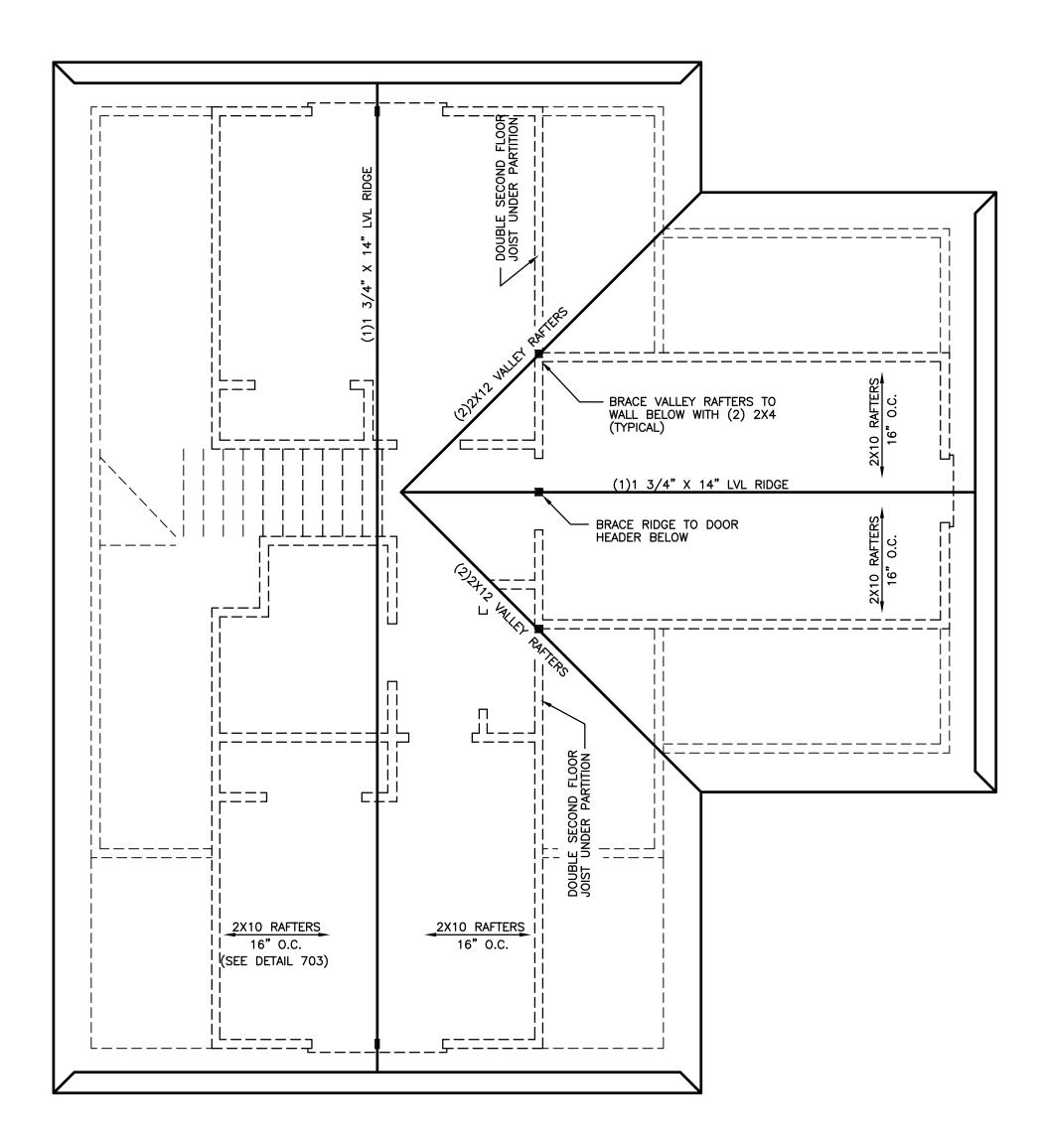


KITCHEN CABINET ELEVATIONS SCALE: 3/8"=1'-0"

FOR SECTION THRU CABINETS, SEE DETAIL ON COVER SHEET.







ROOF PLAN SCALE : 1/4" = 1'-0"

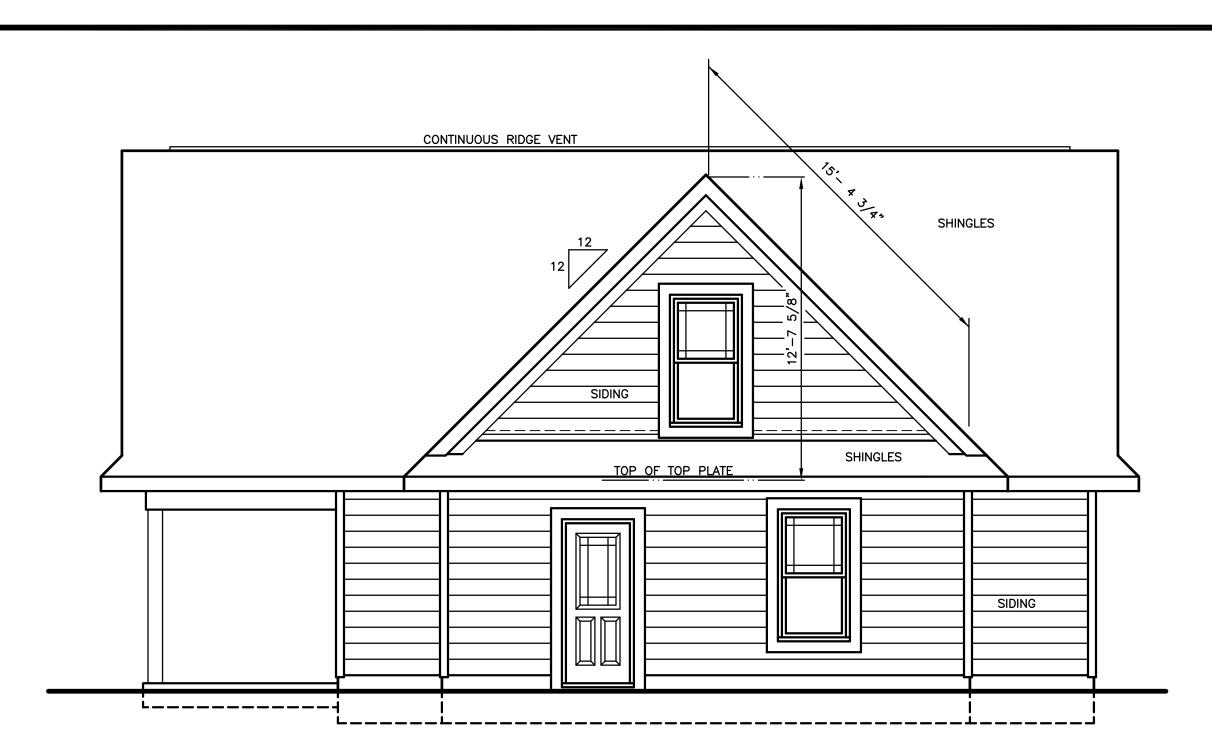
ATTIC VENTILATION REQUIREMENTS: 1212 SQ. FT. -;- 150 = 8.1 SQ. FT. NET FREE AREA REQUIRED

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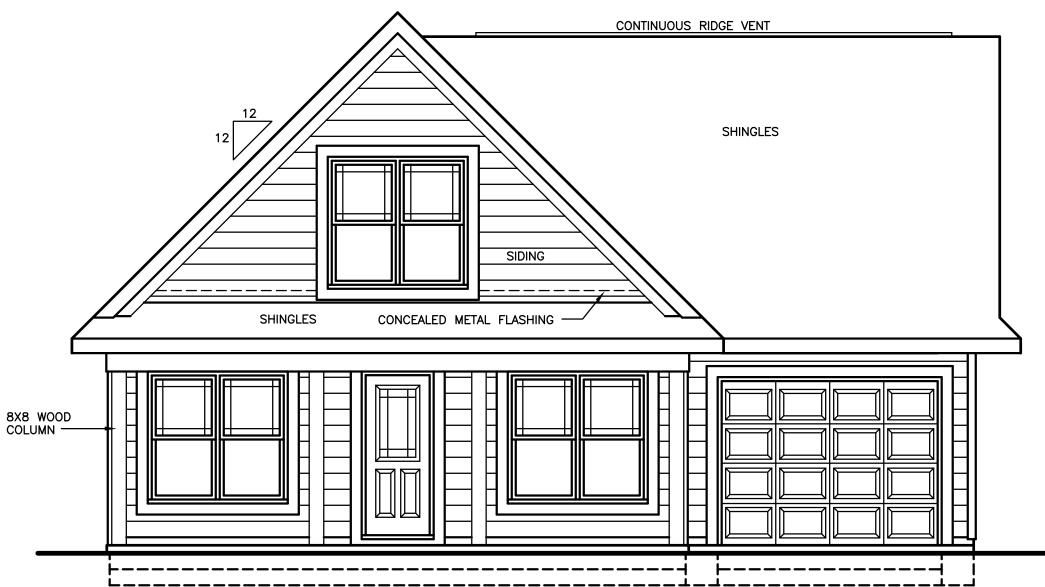


PROVIDE GUTTERS, DOWNSPOUTS AND SPLASHPADS ACCORDING TO LOCAL CODE AND RAINFALL CONDITIONS.

ALL SPLASHPADS SHALL CARRY WATER 60" FROM BUILDING.

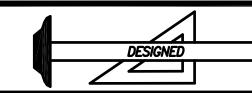
RIGHT SIDE ELEVATION

SCALE: 1/4" = 1'-0"



FRONT ELEVATION
SCALE: 1/4" = 1'-0"

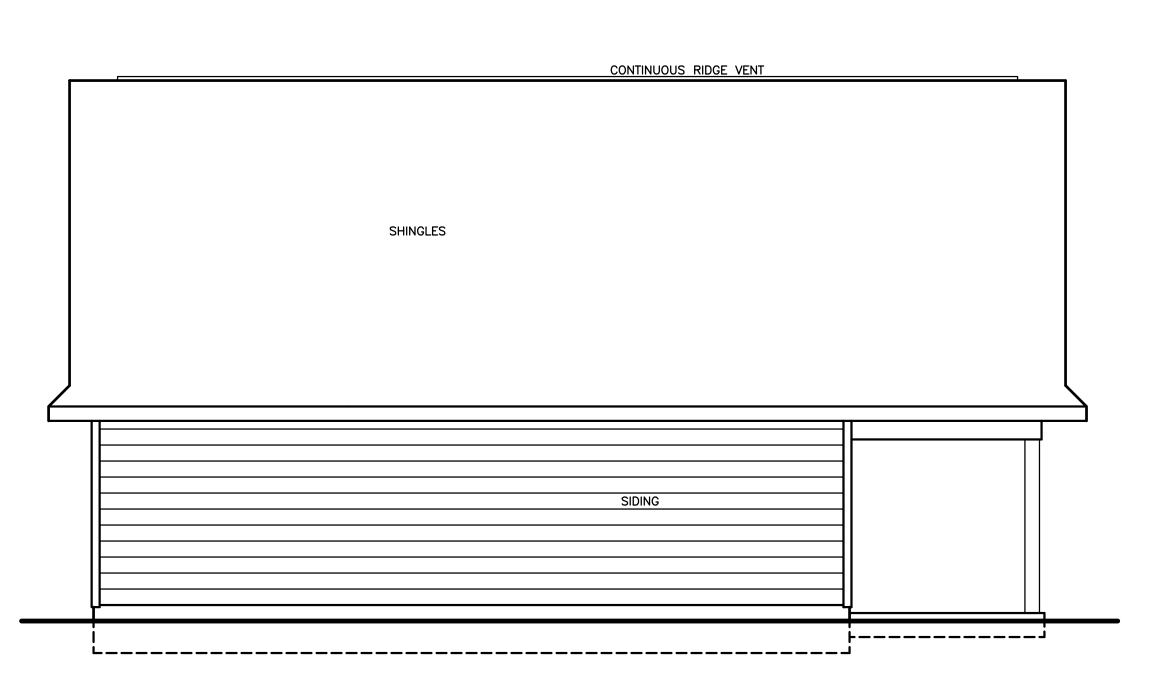
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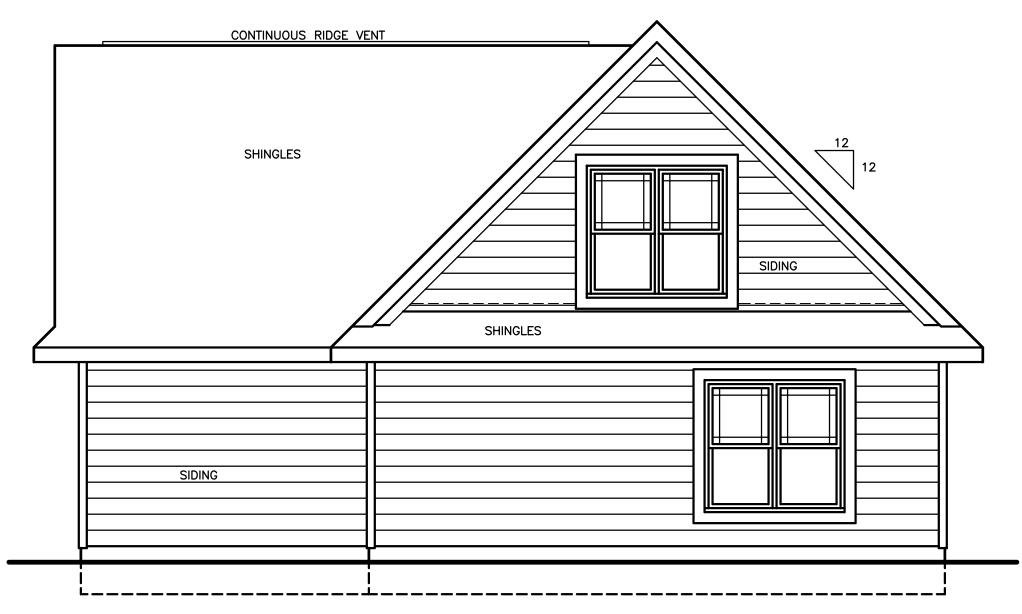


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LEFT SIDE ELEVATION

SCALE: 1/4" = 1'-0"



REAR ELEVATION

SCALE: 1/4" = 1'-0"

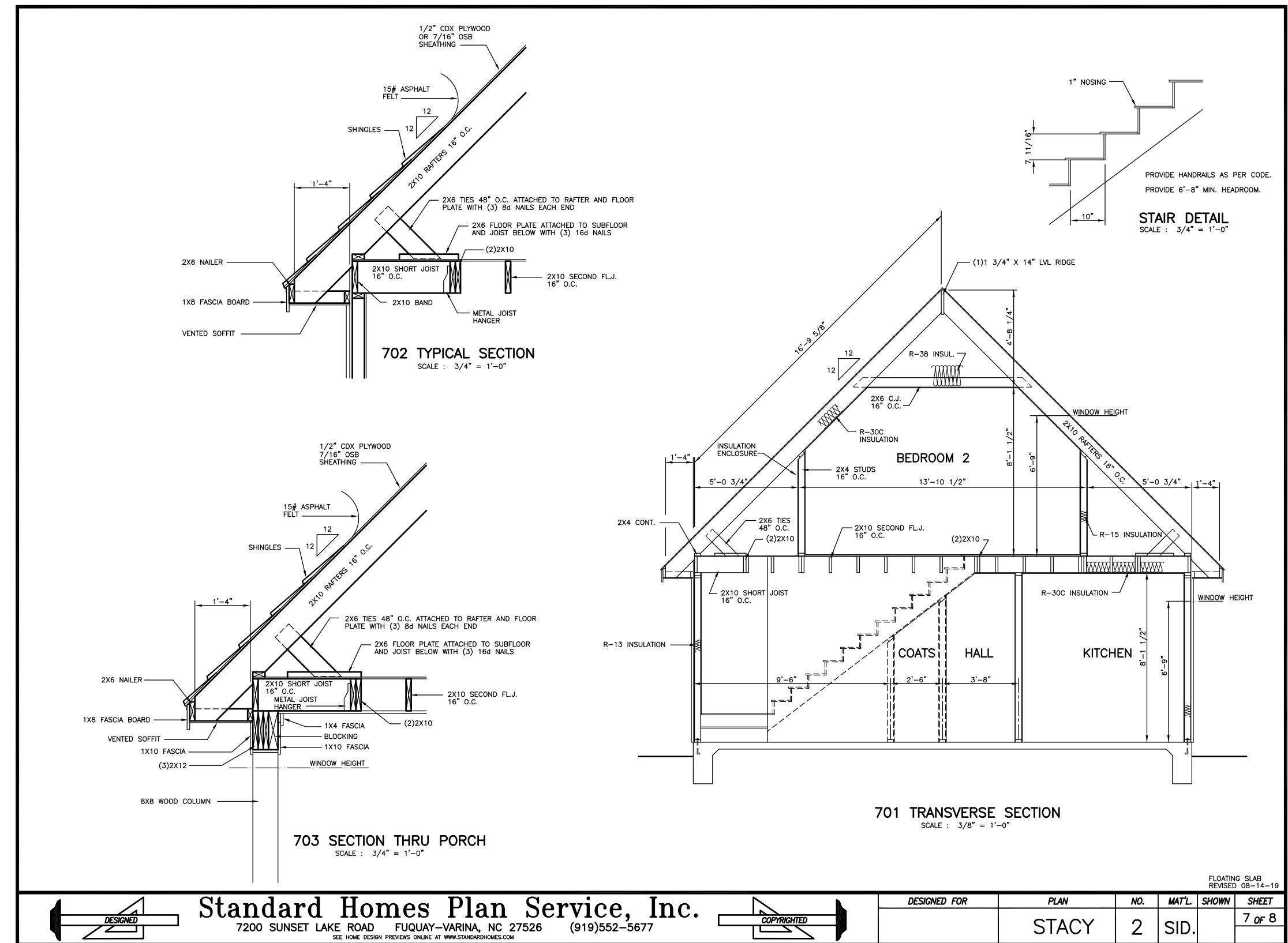
FLOATING SLAB REVISED 08-14-19

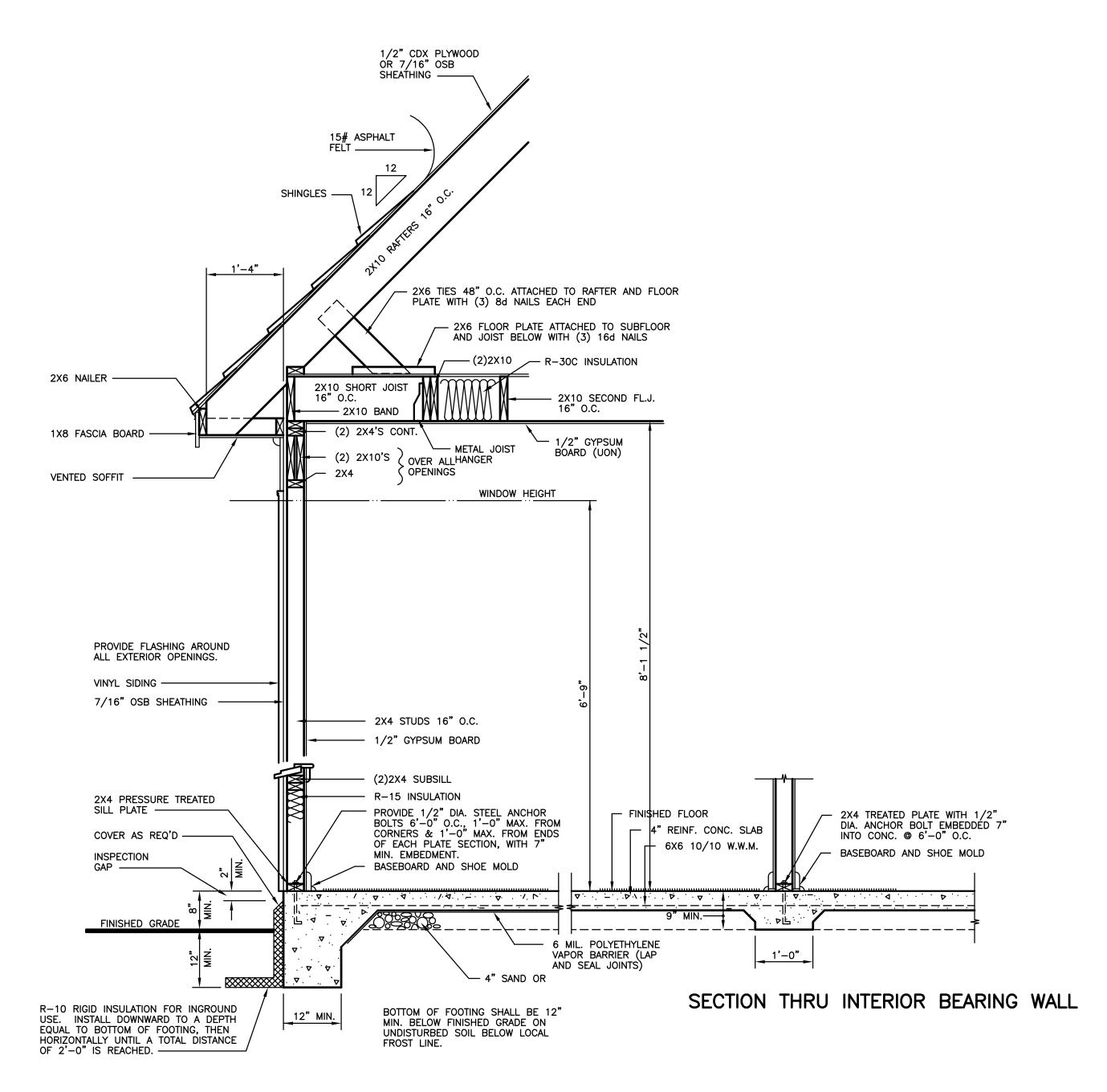


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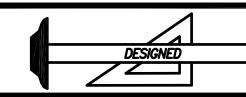
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801 TYPICAL WALL SECTION SCALE : 3/4" = 1'-0"

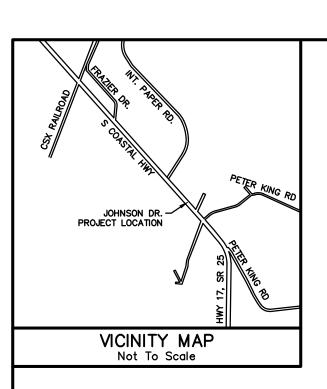
FLOATING SLAB REVISED 08-14-19



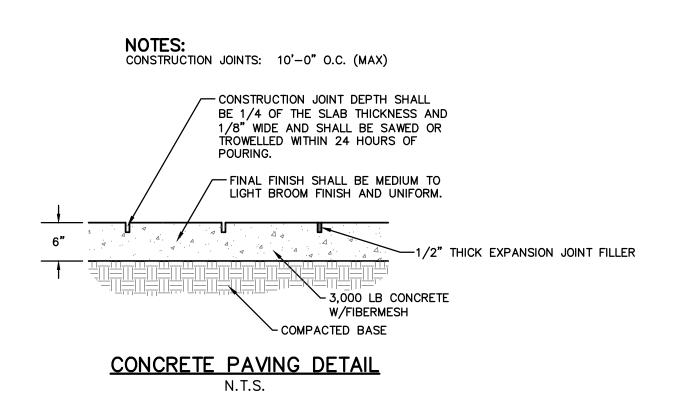
Standard Homes Plan Service, Inc. 7200 SLINSFT LAKE ROAD FUQUAY-VARINA, NC 27526 (919)552-5677

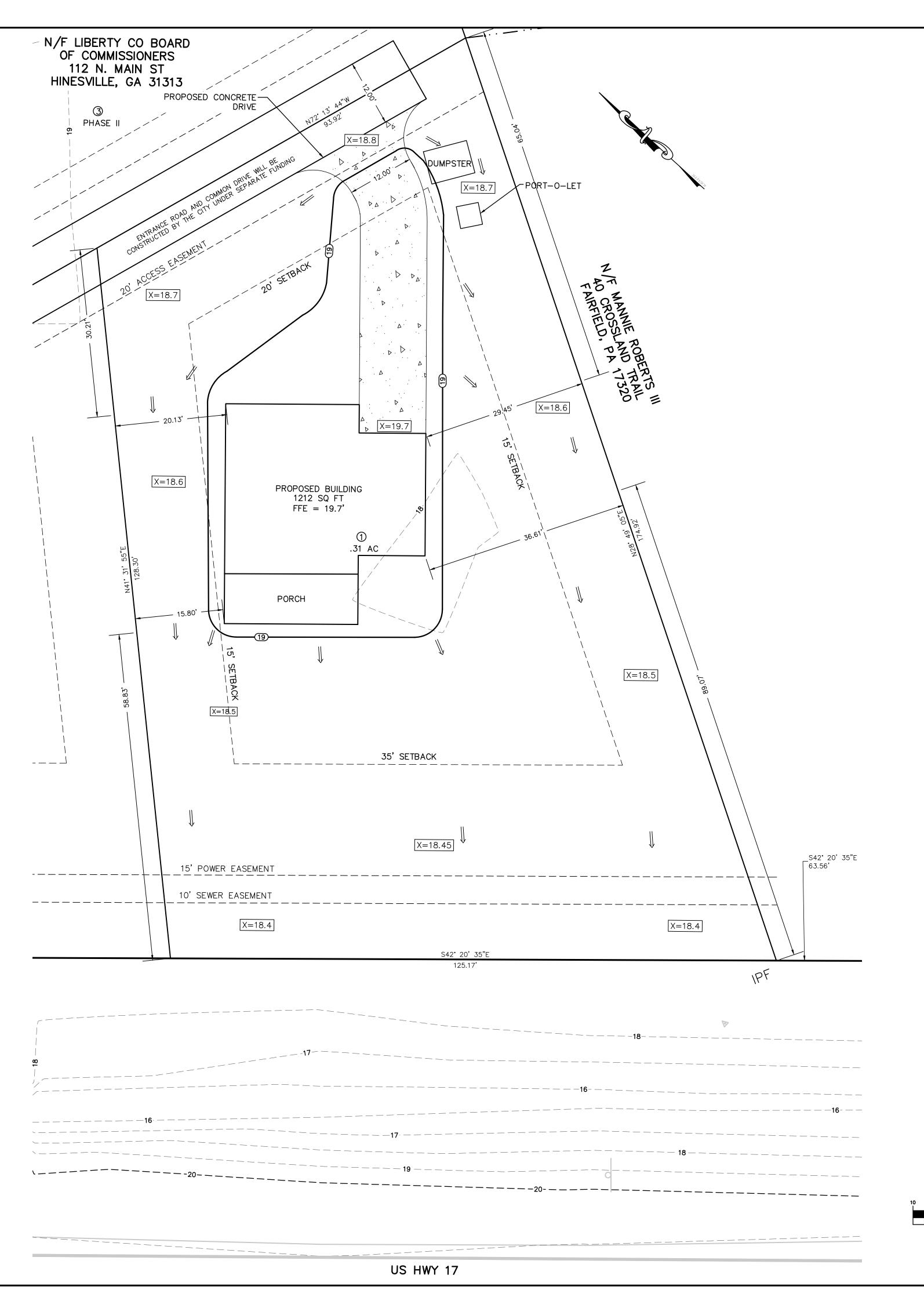
7200 SUNSET LAKE ROAD FUQUAY-VARINA, NC 27526 SEE HOME DESIGN PREVIEWS ONLINE AT WWW.STANDARDHOMES.COM





DRAWING LEGEND			
DESCRIPTION	PROPOSED	EXISTING	
SANITARY SEWER		ss	
UNDERGROUND WATER LINE	w	w	
FORCE MAIN	FM	———FM——	
STORM DRAINAGE PIPE			
UNDERGROUND TELEPHONE LINE	— т — —	— т	
UNDERGROUND TELEPHONE CONDUIT	——тс——	тс	
UNDERGROUND GAS LINE	12"G	12"G	
DITCH CENTERLINE			
TOP OF CURB & GUTTER ELEVATIONS	TC=90.00 G=89.50	EX TC=90.00 EX G=89.50	
SPOT ELEVATION	X=90.00	X=90.00	
FIRE HYDRANT		X	
SEWER MANHOLE	\$	S	
WATER VALVE	w∨ ⋈	₩V	
TELEPHONE MANHOLE		•	
LIGHT POLE	\$	\$	
SIGN	- o -		
WATER METER	\boxtimes		
BENCHMARK	①	◆	
CONCRETE MONUMENT FOUND	T		
GUY POLE		-•	
IRON PIN FOUND		0	
IRON PIN SET	•		
TELEPHONE PEDESTAL		A	
POWER POLE	ව	•	
HANDICAP SPACE	گ	گ	
SEDIMENT BASIN MARKER W/NOTCH	SM	SM	





GENERAL NOTES

1. TOTAL LOTS = 1 LOT 2. TOTAL ACRES = 0.31 AC.

CONTROL IN GEORGIA".

TOTAL ACRES DISTURBED = .31 AC. 3. EROSION AND SEDIMENT CONTROL TO BE IN ACCORDANCE WITH THE PUBLICATION ENTITLED "MANUAL FOR EROSION AND SEDIMENT

4. ALL DISTURBED AREAS ARE TO BE REVEGETATED IMMEDIATELY AFTER CONSTRUCTION IN ACCORDANCE WITH THE PUBLICATION ENTITLED "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

5. THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.

6. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION.

7. RIPRAP WILL BE USED TO STABILIZE DITCH BANKS IN AREAS WHERE STORM WATER FLOW CHANGES DIRECTION OR SLOPES ALLOW VELOCITY TO EXCEED 2 FT/SEC.

8. SETBACKS: FRONT - 35' SIDE - 15' REAR - 20'

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1 inch = 10 ft.

GRAPHIC SCALE

(IN FEET)

EROSION CONTROL STATEMENTS

"EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE."

"THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES."

"MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 14 DAYS OF DISTURBANCE. IF AN AREA REMAINS UNDISTURBED FOR GREATER THAN SIX MONTHS, PERMANENT VEGETATIVE TECHNIQUES SHALL BE

SEQUENCE OF MAJOR ACTIVITIES

- 1. INSTALL STABILIZED CONSTRUCTION ENTRANCE. 2. CLEAR AND GRUB AREAS REQUIRED FOR INSTALLATION OF EROSION AND SEDIMENT CONTROL STRUCTURES.
- 3. INSTALL SEDIMENT AND EROSION CONTROL STRUCTURES. 4. COMPLETE CLEARING AND GRUBBING.
- 5. STOCKPILE TOPSOIL. 6. STABILIZED CLEARED AND STOCKPILE AREAS WITHIN 14 DAYS.
- 7. INSTALL BUILDING FOUNDATION. 8. COMPLETE ROUGH GRADING.
- 9. PLACE DRIVEWAY GRAVEL BASE.
- 10. CONSTRUCT BUILDING.
- 11. INSTALL UTILITIES AND SEPTIC TANK. 12. COMPLETE GRADING.
- 13. INSTALL DRIVEWAY AND OTHER PAVEMENT.
- 14. PERMANENT SEEDING AND LANDSCAPING. 15. REMOVE SEDIMENT AND EROSION CONTROL STRUCTURES.
- 16. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE REMOVE REMAINING E&S FACILITIES AND SEED DISTURBED AREAS.

Ds1 DISTURBED AREA STABILIZATION (W/MULCHING ONLY)

SPECIFICATIONS

A. For temporary protection of critical areas without seeding. This standard applies to grades or cleared areas which may be subjected to erosion for 6 months or less, where seeding may not have a suitable growing season to produce an erosion retardant cover, but which can be stabilized with a mulch cover.

Site Preparation

1. Grade, as needed and feasible, to permit the use of equipment for applying and anchoring mulch. 2. Install needed erosion control measures as required such as dikes, diversions, berms, terraces and sediment barriers. 3. As needed and feasible, loosen compact soil to a minimum depth of 3 inches.

<u>Mulchina Materials</u>

1. Dry straw or hay — spread at a rate of 2 1/2 tons per acre 2. Wood waste, chips, sawdust or bark — spread 2 to 3 inches deep (about 6 to 9 tons per acre). 3. Erosion control matting or netting, such as excelsior, jute, textile and plastic matting and netting — applied in accordance with manufacturers recommendations. 4. Cutback asphalt, slow curing — applied at 1200 gallons per acre (or 1/4 gallon per sq. yd.)

5. Polyethylene film - secured over banks or stockpiled soil material for temporary protection.

Applying and Anchoring Mulch

1. Apply straw or hay mulch uniformly by hand or mechanically. Anchor as appropriate and feasible. It may be pressed into the soil with a disk harrow with the disk set straight or with a special "packer disk." The disk may be smooth or serrated and should be 20 inches or more in diameter and 8 to 12 inches apart. The edges of the disk should be dull enough not to cut the mulch but press it into the soil leaving much of it in an erect position. Straw hay mulch spread with special blower-type equipment may be anchored with emulsified asphalt (Grade AE-5 or SS-1). The asphalt emulsion must be sprayed onto the mulch as it is ejected from the machine. Use 100 gallons of water per 2. Spread wood waste uniformly on slopes that are 3:1 and flatter. No anchoring is needed.

3. Commercial matting and netting. Follow manufacturer's

specification included with the material. 4. Apply asphalt so area has uniform appearance. (Note: Use in areas of pedestrian traffic could cause problems or "tracking in" or damage to shoes, clothing, etc.)

B. To conserve moisture and control weeds in nurseries, ornamental beds, around shrubs, and on bar areas on lawns.

<u>Mulchina Materials</u>

of N by decomposition of mulch

Use one of the materials given below and apply at thickness indicated.

<u>Material</u> 1. Grain straw or grass hay Pine needle 4" to 6" Wood waste (sawdust, bark, chips) 4. Shredded residues (crops, leaves, etc.) Completely cover area with black polyethylene film and hold in place by placing soil on the outer edge. When using organic

mulches, apply 20-30 pounds of nitrogen in addition to the normal amount needed for plant growth to offset the tie up

SITE DESCRIPTION

THIS SITE IS LOCATED ON LOT-1 IN CHATHAM HOMES SUBDIVISION IN LIBERTY COUNTY, GA. THE LOT HAS A TOTAL ACREAGE OF 0.31 ACRES. EXISTING VEGETATION IS MATURE PINES AND OAKS. THE PLAN PROPOSES A DISTURBED ACREAGE OF .31 ACRES.

SOIL CONDITIONS

Oc-OCILLA LOAMY FINE SAND. PER THE SOIL SURVEY OF LIBERTY COUNTY, GEORGIA, PUBLISHED BY THE U.S. DEPARTMENT OF AGRICULTURE/ NATURAL RESOURCES CONSERVATION SERVICE.

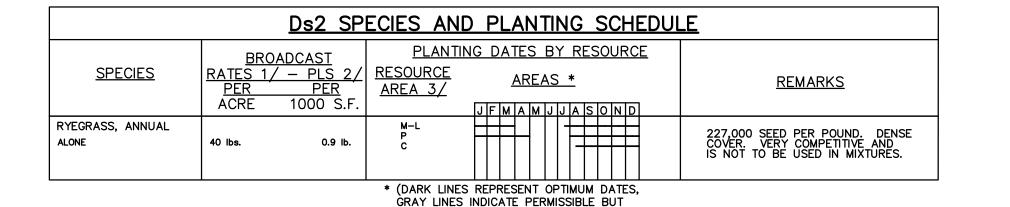
SILT STORAGE CALCULATIONS

SILT FENCE REQUIRED = (100FT/0.25 AC)(0.31 AC) = 124SILT FENCE SHOWN ON PLAN = 341' ESTIMATED EROSION = $0.31 \text{ AC } \times 67 \text{ CY/AC} = 20.77 \text{ CY}$ STORAGE CAPACITY REQUIRED. 341' LF TYPE-S SILT FENCE @ 0.17 CY/FT = 57.97 CY STORAGE CAPACITY PROVIDED

PRECONSTRUCTION RUNOFF = 2.16 CFS POST DEVELOPMENT RUNOFF = 2.53 CFS

LANDSCAPE NOTE FOR PERMANENT VEGETATION: SEE LANDSCAPE PLAN

Ds1 Ds2 Sd1−S Ds1 Ds2 Ds1 Ds2 (Sd1-S) ----Ds1 Ds2 Ds1 Ds2 ------______



MARGINAL DATES.)

ALL INSPECTIONS MUST BE CONDUCTED BY A CERTIFIED PERSON PROVIDED BY THE TERTIARY PERMITTEE UNTIL THE NOT IS SUBMITTED TO EPD. DAILY - FOR EACH DAY A CONSTRUCTION ACTIVITY TAKES PLACE AT THE SITE:
• ALL AREAS WHERE PETROLEUM PRODUCTS ARE STORED, USED, OR HANDLED FOR SPILLS AND

TERTIARY PERMITTEE REQUIREMENTS:

A. INSPECTIONS - DAILY, WEEKLY AND MONTHLY

DAY/AND OR WORKING DAY):

LEAKS FROM VEHICLES AND EQUIPMENT ALL AREAS WHERE VEHICLES ENTER OR EXIT SITE FOR EVIDENCE OF OFF-SITE TRACKING DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PERMIT

WEEKLY - ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HRS OF A STORM THAT IS 0.5 INCHES OF RAINFALL OR GREATER (UNLESS SUCH STORM ENDS AFTER 5:00 PM ON ANY FRIDAY OR NON-WORKING SATURDAY, NON-WORKING SUNDAY OR ANY NON-WORKING FEDERAL HOLIDAY IN WHICH CASE THE INSPECTION SHALL BE COMPLETED BY THE END OF THE NEXT BUSINESS

 DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT UNDERGONE FINAL AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION THAT HAVE NOT UNDERGONE FINAL STABILIZATION STRUCTURAL CONTROL MEASURES

MONTHLY - AT LEAST ONCE PER MONTH DURING THE TERM OF THE PERMIT THE AREAS OF THE SITE THAT HAVE UNDERGONE FINAL STABILIZATION: THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND THE RECEIVING WATER(S).

• EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY.

DEFICIENCIES MUST BE CORRECTED AS SOON AS POSSIBLE AND CORRECTIVE ACTIONS DOCUMENTED. IF CORRECTIVE ACTION REQUIRES REVISIONS TO THE ES&PC PLAN, THE PLAN MUST BE REVISED WITHIN 7 CALENDAR DAYS OF THE INSPECTION AND REVISIONS MUST BE IMPLEMENTED WITHIN 7 CALENDAR DAYS OF THE INSPECTION.

B. SAMPLING SAMPLING REQUIREMENTS ARE ONLY APPLICABLE TO LOT(S) WITH A PLANNED DISTURBANCE EQUAL TO OR GREATER THAN 5 ACRES.

THE TERTIARY PERMITTEE MUST RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR READILY AVAILABLE AT A DESIGNATED LOCATION FROM THE BEGINNING OF THE PROJECT UNTIL A

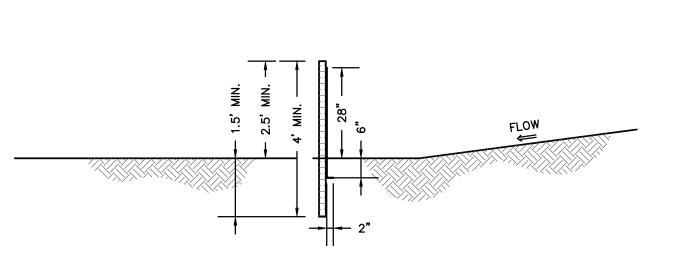
- NOT HAS BEEN FILED: A COPY OF THE TERTIARY NOI(S) SUBMITTED TO EPD
- A COPY OF THE ES&PC PLAN THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN
- . A COPY OF ALL MONITORING INFORMATION, RESULTS AND REPORTS REQUIRED BY THIS PERMIT (IF APPLICABLE)
- A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN
 A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PERMIT.

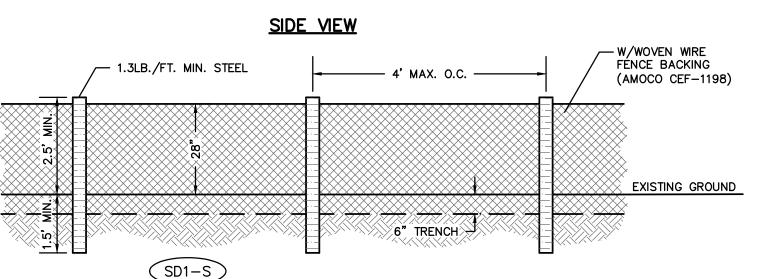
D. FILING THE NOTICE OF TERMINATION (NOT) ONCE THE PROJECT HAS BEEN COMPLETED, THE TERTIARY PERMITTEE IS REQUIRED TO NOTIFY EPD BY SUBMITTING AN NOT VIA CERTIFIED RECEIPT MAIL TO THE LOCAL EPD DISTRICT OFFICE. A

DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PERMIT.

- COPY OF THE NOT SHOULD BE SUBMITTED TO THE LIA, IF THERE IS ONE. IN ORDER TO FILE AN NOT THE FOLLOWING CONDITIONS HAVE TO BE MET:

 ALL PLANNED CONSTRUCTION ACTIVITIES HAVE CEASED AND FINAL STABILIZATION OF THE SITE HAS BEEN IMPLEMENTED.
- ALL STORM WATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITIES HAS
- . THE SITE IS IN COMPLIANCE WITH THE PERMIT.





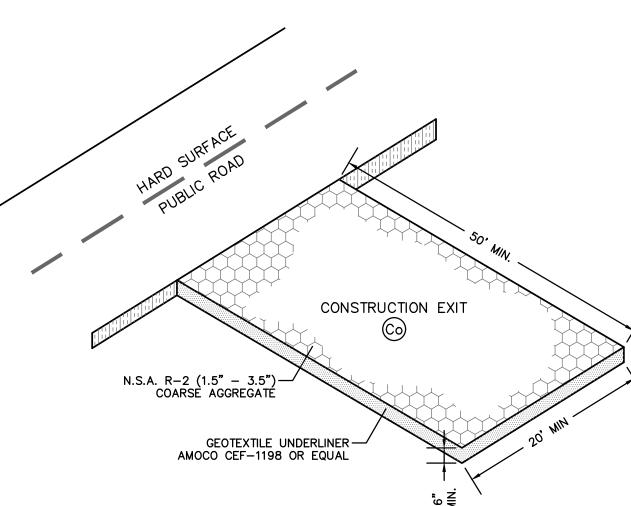
SILT FENCE - Sd1 TYPE "S"

S42° 20' 3

63.56

IPF

(IN FEET) 1 inch = 10 ft.



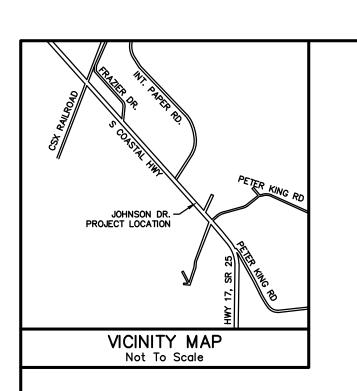
GRAPHIC SCALE CRUSHED STONE CONSTRUCTION EXIT

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PROFESSIONAL

S42° 20' 35"E

125.17'



DRAW	NG LEGEND	
DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER		SS
UNDERGROUND WATER LINE	w	w
FORCE MAIN	FM	FM
STORM DRAINAGE PIPE		
UNDERGROUND TELEPHONE LINE	т	— т —
UNDERGROUND TELEPHONE CONDUIT	——тс——	———тс——
UNDERGROUND GAS LINE	12"G	12"G
DITCH CENTERLINE		
TOP OF CURB & GUTTER ELEVATIONS	TC=90.00 G=89.50	EX TC=90.00 EX G=89.50
SPOT ELEVATION	X=90.00	X=90.00
FIRE HYDRANT	***	X
SEWER MANHOLE	\$	S
WATER VALVE	wv 	wv
TELEPHONE MANHOLE		•
LIGHT POLE	\$	\$
SIGN	- o -	
WATER METER	\bowtie	
BENCHMARK	•	①
CONCRETE MONUMENT FOUND	•	•
GUY POLE		-0
IRON PIN FOUND		0
IRON PIN SET	•	
TELEPHONE PEDESTAL		A
POWER POLE	⊕	~
HANDICAP SPACE	ۇلى	<u>E</u>
SEDIMENT BASIN MARKER W/NOTCH	SM	

NOTES: CONSTRUCTION JOINTS: 10'-0" O.C. (MAX)

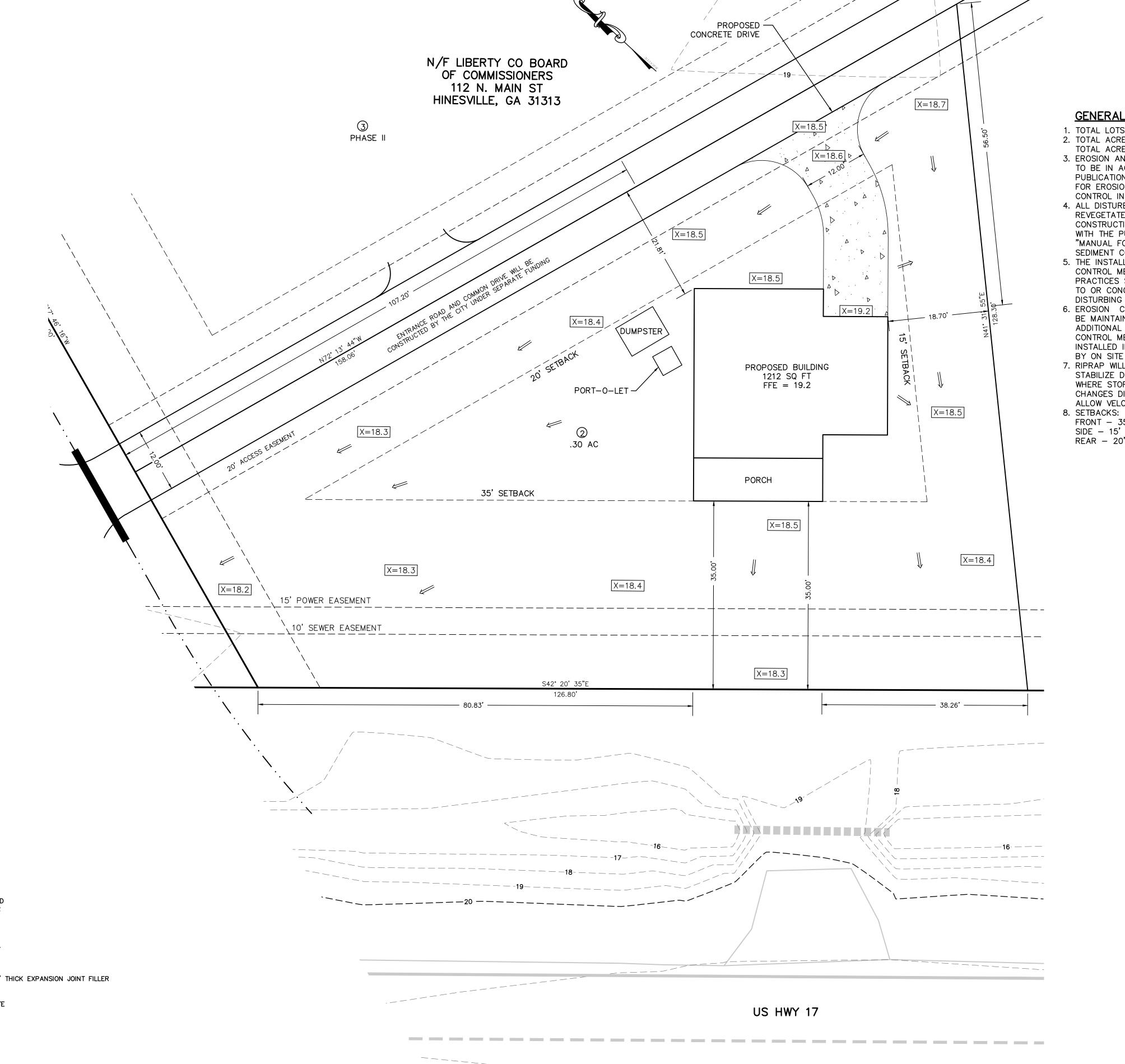
CONCRETE PAVING DETAIL N.T.S.

- CONSTRUCTION JOINT DEPTH SHALL BE 1/4 OF THE SLAB THICKNESS AND 1/8" WIDE AND SHALL BE SAWED OR TROWELLED WITHIN 24 HOURS OF

FINAL FINISH SHALL BE MEDIUM TO LIGHT BROOM FINISH AND UNIFORM.

COMPACTED BASE

-3,000 LB CONCRETE



GENERAL NOTES

1. TOTAL LOTS = 1 LOT

2. TOTAL ACRES = 0.30 AC. TOTAL ACRES DISTURBED = .30 AC. 3. EROSION AND SEDIMENT CONTROL TO BE IN ACCORDANCE WITH THE

PUBLICATION ENTITLED "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA". 4. ALL DISTURBED AREAS ARE TO BE REVEGETATED IMMEDIATELY AFTER

CONSTRUCTION IN ACCORDANCE WITH THE PUBLICATION ENTITLED "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA". 5. THE INSTALLATION OF EROSION

CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.

6. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION.

7. RIPRAP WILL BE USED TO STABILIZE DITCH BANKS IN AREAS WHERE STORM WATER FLOW CHANGES DIRECTION OR SLOPES ALLOW VELOCITY TO EXCEED 2 FT/SEC.

GRAPHIC SCALE

(IN FEET) 1 inch = 10 ft.

FRONT - 35' SIDE - 15' REAR - 20'

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Not To Scale

EROSION CONTROL STATEMENTS

"EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE."

"THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES."

"MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 14 DAYS OF DISTURBANCE. IF AN AREA REMAINS UNDISTURBED FOR GREATER THAN SIX MONTHS, PERMANENT VEGETATIVE TECHNIQUES SHALL BE EMPLOYED."

SEQUENCE OF MAJOR ACTIVITIES

- . INSTALL STABILIZED CONSTRUCTION ENTRANCE. 2. CLEAR AND GRUB AREAS REQUIRED FOR INSTALLATION OF
- EROSION AND SEDIMENT CONTROL STRUCTURES. 3. INSTALL SEDIMENT AND EROSION CONTROL STRUCTURES. 4. COMPLETE CLEARING AND GRUBBING.
- 5. STOCKPILE TOPSOIL. 6. STABILIZED CLEARED AND STOCKPILE AREAS WITHIN 14 DAYS.
- 7. INSTALL BUILDING FOUNDATION.
- 8. COMPLETE ROUGH GRADING.
- 9. PLACE DRIVEWAY GRAVEL BASE.
- 10. CONSTRUCT BUILDING.
- 11. INSTALL UTILITIES AND SEPTIC TANK. 12. COMPLETE GRADING.
- 13. INSTALL DRIVEWAY AND OTHER PAVEMENT.
- 14. PERMANENT SEEDING AND LANDSCAPING.
- 15. REMOVE SEDIMENT AND EROSION CONTROL STRUCTURES.
- 16. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE REMOVE REMAINING E&S FACILITIES AND SEED DISTURBED AREAS.

Ds1 DISTURBED AREA STABILIZATION (W/MULCHING ONLY)

SPECIFICATIONS

A. For temporary protection of critical areas without seeding. This standard applies to grades or cleared areas which may be subjected to erosion for 6 months or less, where seeding may not have a suitable growing season to produce an erosion retardant cover, but which can be stabilized with a mulch cover.

Site Preparation 1. Grade, as needed and feasible, to permit the use of equipment for applying and anchoring mulch.

2. Install needed erosion control measures as required such as dikes, diversions, berms, terraces and sediment barriers. 3. As needed and feasible, loosen compact soil to a minimum

depth of 3 inches. <u>Mulchina Materials</u>

1. Dry straw or hay — spread at a rate of 2 1/2 tons per acre 2. Wood waste, chips, sawdust or bark — spread 2 to 3 inches deep (about 6 to 9 tons per acre).

3. Erosion control matting or netting, such as excelsior, jute, textile and plastic matting and netting — applied in accordance with manufacturers recommendations.

4. Cutback asphalt, slow curing — applied at 1200 gallons per acre (or 1/4 gallon per sq. yd.)
5. Polyethylene film — secured over banks or stockpiled soil

material for temporary protection.

Applying and Anchoring Mulch

1. Apply straw or hay mulch uniformly by hand or mechanically. Anchor as appropriate and feasible. It may be pressed into the soil with a disk harrow with the disk set straight or with a special "packer disk." The disk may be smooth or serrated and should be 20 inches or more in diameter and 8 to 12 inches apart. The edges of the disk should be dull enough not to cut the mulch but press it into the soil leaving much of it in an erect position. Straw hay mulch spread with special blower-type equipment may be

anchored with emulsified asphalt (Grade AE-5 or SS-1). The asphalt emulsion must be sprayed onto the mulch as it is ejected from the machine. Use 100 gallons of water per 2. Spread wood waste uniformly on slopes that are 3:1 and flatter.

No anchoring is needed. 3. Commercial matting and netting. Follow manufacturer's

specification included with the material. 4. Apply asphalt so area has uniform appearance. (Note: Use in areas of pedestrian traffic could cause problems or "tracking in" or damage to shoes, clothing, etc.)

B. To conserve moisture and control weeds in nurseries, ornamental beds, around shrubs, and on bar areas on lawns.

<u>Mulchina Materials</u>

SPECIES

RYEGRASS, ANNUAL

ALONE

Use one of the materials given below and apply at thickness

<u>Material</u>			<u>Depth</u>		
	Grain straw or grass hay	6"	' to	10"	
	Pine needle	4"	' to	6"	
	Wood waste (sawdust, bark, chips)	4"	' to	8"	
4.	Shredded residues (crops, leaves, etc.)	4"	' to	8"	
Col	mpletely cover area with black polyethylene	film	and	ho	

place by placing soil on the outer edge. When mulches, apply 20-30 pounds of nitrogen in normal amount needed for plant growth to of of N by decomposition of mulch

TERTIARY PERMITTEE REQUIREMENTS:

PERMITTEE UNTIL THE NOT IS SUBMITTED TO EPD.

A. INSPECTIONS - DAILY, WEEKLY AND MONTHLY ALL INSPECTIONS MUST BE CONDUCTED BY A CERTIFIED PERSON PROVIDED BY THE TERTIARY

DAILY - FOR EACH DAY A CONSTRUCTION ACTIVITY TAKES PLACE AT THE SITE:

• ALL AREAS WHERE PETROLEUM PRODUCTS ARE STORED, USED, OR HANDLED FOR SPILLS AND ALL AREAS WHERE VEHICLES ENTER OR EXIT SITE FOR EVIDENCE OF OFF-SITE TRACKING

DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PERMIT WEEKLY - ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HRS OF A STORM THAT IS 0.5 INCHES OF RAINFALL OR GREATER (UNLESS SUCH STORM ENDS AFTER 5:00 PM ON ANY FRIDAY OR NON-WORKING SATURDAY, NON-WORKING SUNDAY OR ANY NON-WORKING FEDERAL HOLIDAY IN

WHICH CASE THE INSPECTION SHALL BE COMPLETED BY THE END OF THE NEXT BUSINESS DAY/AND OR WORKING DAY): DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT UNDERGONE FINAL

AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION THAT HAVE NOT UNDERGONE FINAL STABILIZATION STRUCTURAL CONTROL MEASURES

MONTHLY - AT LEAST ONCE PER MONTH DURING THE TERM OF THE PERMIT THE AREAS OF THE SITE THAT HAVE UNDERGONE FINAL STABILIZATION: THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND THE RECEIVING WATER(S).
EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO

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SAMPLING REQUIREMENTS ARE ONLY APPLICABLE TO LOT(S) WITH A PLANNED DISTURBANCE EQUAL TO OR GREATER THAN 5 ACRES.

THE TERTIARY PERMITTEE MUST RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR READILY AVAILABLE AT A DESIGNATED LOCATION FROM THE BEGINNING OF THE PROJECT UNTIL A

NOT HAS BEEN FILED: A COPY OF THE TERTIARY NOI(S) SUBMITTED TO EPD

ENSURE THAT THEY ARE OPERATING CORRECTLY.

- A COPY OF THE ES&PC PLAN THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH THE PERMIT
- A COPY OF ALL MONITORING INFORMATION, RESULTS AND REPORTS REQUIRED BY THIS PERMIT
- A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH THE PERMIT A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN
- ACCORDANCE WITH PERMIT DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PERMIT.
- D. FILING THE NOTICE OF TERMINATION (NOT) ONCE THE PROJECT HAS BEEN COMPLETED, THE TERTIARY PERMITTEE IS REQUIRED TO NOTIFY EPD BY SUBMITTING AN NOT VIA CERTIFIED RECEIPT MAIL TO THE LOCAL EPD DISTRICT OFFICE. A
 COPY OF THE NOT SHOULD BE SUBMITTED TO THE LIA, IF THERE IS ONE. IN ORDER TO FILE
 AN NOT THE FOLLOWING CONDITIONS HAVE TO BE

 • ALL PLANNED CONSTRUCTION ACTIVITIES HAVE CEASED AND FINAL STABILIZATION OF THE SITE
- HAS BEEN IMPLEMENTED. ALL STORM WATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITIES HAS

Ds1 Ds2

Ds1 Ds2

THE SITE IS IN COMPLIANCE WITH THE PERMIT.

SITE DESCRIPTION THIS SITE IS LOCATED ON LOT-2 IN CHATHAM HOMES SUBDIVISION IN LIBERTY COUNTY, GA. THE LOT HAS A TOTAL ACREAGE OF 0.30 ACRES. EXISTING VEGETATION IS MATURE PINES AND OAKS, THE PLAN PROPOSES A DISTURBED ACREAGE OF .30 ACRES.

SOIL CONDITIONS Oc-OCILLA LOAMY FINE SAND.

PER THE SOIL SURVEY OF LIBERTY COUNTY, GEORGIA, PUBLISHED BY THE U.S. DEPARTMENT OF AGRICULTURE/ NATURAL RESOURCES CONSERVATION SERVICE.

Ds1 Ds2

S42° 20′ 35″E

126.80'

SILT STORAGE CALCULATIONS

SILT FENCE REQUIRED = (100FT/0.25 AC)(0.30 AC) = 120SILT FENCE SHOWN ON PLAN = 340' ESTIMATED EROSION = $0.30 \text{ AC } \times 67 \text{ CY/AC} = 20.1 \text{ CY}$ STORAGE CAPACITY REQUIRED. 340' LF TYPE-S SILT FENCE @ 0.17 CY/FT = 57.8 CY

(Sd1-S)

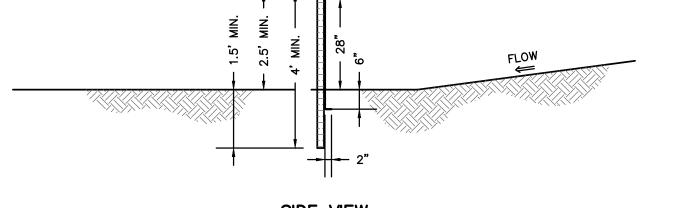
Ds1 Ds2

PRECONSTRUCTION RUNOFF = 2.09 CFS POST DEVELOPMENT RUNOFF = 2.45 CFS

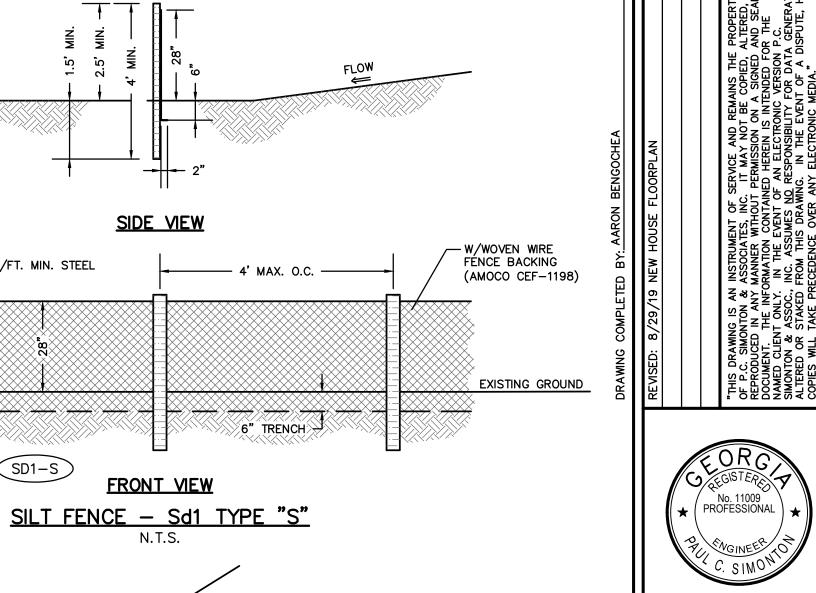
STORAGE CAPACITY PROVIDED

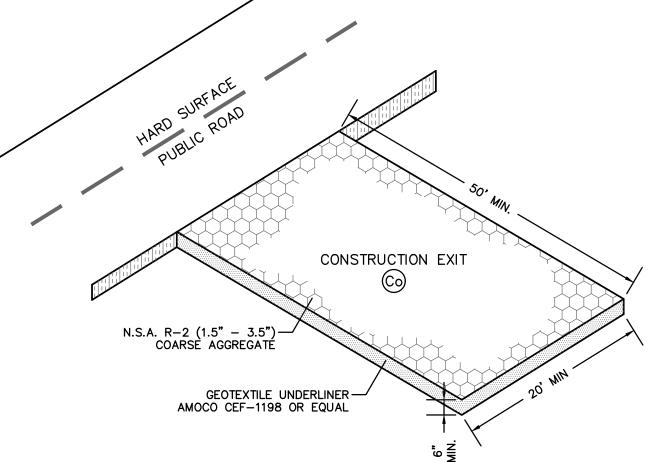
LANDSCAPE NOTE

FOR PERMANENT VEGETATION: SEE LANDSCAPE PLAN

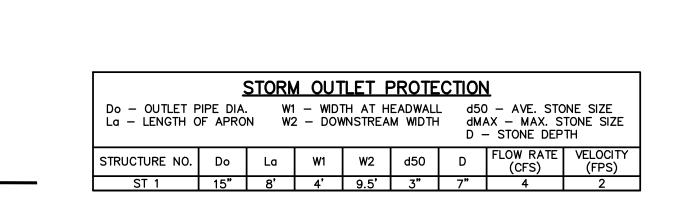


- W/WOVEN WIRE FENCE BACKING — 1.3LB./FT. MIN. STEEL 4' MAX. O.C. -(AMOCO CEF-1198) EXISTING GROUND





CRUSHED STONE CONSTRUCTION EXIT



Dept 6" to 4" to 4" to 4" to he film and he addition to	h 10" 6" 8" 8" hold in rganic to the		\$42° 20′ 3		· · · · · · · · · · · · · · · · · · ·		
s2 SPECIES AND PLANTING SCHEDULE							
CAST PLS 2/ PER DOO S.F.	PLANTI RESOURCE AREA 3/	NG DATES BY RES AREAS * JIFIMIAIMIJIJIAISI		REMARK	<u>S</u>		
0.9 lb.	M-L P C			227,000 SEED PER PO COVER. VERY COMPE IS NOT TO BE USED II	DUND. DENSE TITIVE AND N MIXTURES.		
* (DARK LINES REPRESENT OPTIMUM DATES,							

GRAY LINES INDICATE PERMISSIBLE BUT

MARGINAL DATES.)

GRAPHIC SCALE (IN FEET) 1 inch = 10 ft.

Ds1 Ds2

PROFESSIONAL



Chatham Homes, Housing Spec Sheet Exhibit "A"

New Construction Specification Sheet LOT 1 & 2

Date: 9/19/2019

Property: S. Coastal Hwy, Riceboro, GA 31323

Site Preparation: CITY & GENERAL CONTRACTOR

Notes: The City of Riceboro will supply all labor, machinery, and equipment for the clearing and grading for Lot 1 & Lot 2 only.

Materials/Labor Provided Through City:

- Clearing & Grubbing
- o 15"RCP
- o 18"RCP
- o 18" SES
- o 15" FES
- o 8" Sanitary Sewer
- Manholes
- o 8"x4" Tee
- o 4" Service
- o Relocated 2" Watermain
- o 3/4" Water Service
- Erosion and Sediment Control

The General Contractor will be responsible for the oversight and management of all construction and installation activities associated with this phase of the project.

Water Supply: CITY

Notes: The City of Riceboro will supply labor and supplies for the installation and connection to the water system. General Contractor will be responsible for the oversight and management of all construction and installation activities associated with this phase of the project.

Sewer: CITY

Notes: The City of Riceboro will supply all labor, machinery, and equipment for the installation and connection of the sewage system. General Contractor will be responsible for the oversight and management of all construction and installation activities associated with this phase of the project.

• Roof Shingles: Asphalt: Minimum 30 Year Black Architectural Shingle

Notes: Continuous ridge vent covered with roof shingles, black drip edge, ridge cap, synthetic felt. All roof flashings shall be black. Ice & water shield in all



valleys. Facia to be wrapped in white PVC trim coil with no exposed rafter tails. 15/32" minimum OSB roof sheeting. Soffit shall be a triple 4 white vinyl. Vented soffit shall be included as specified by code. Gutters are NOT included.

• Exterior Covering: Vinyl Siding

Note: Colors to be determined

- o Trim per Stacey #2 House Plans.
- o House numbers/address on front of house.
- o Vinyl shutters per plan.
- Windows: Vinyl White Double Hung Window

Notes: *Note:* Colors to be determined

- Windows must meet wind rating as specified in local county code.
- Exterior Doors:

Notes: Note: Colors to be determined

- o Door schedule per Stacey #2 House Plans.
- o Automatic garage door opener with 2 remotes.
- o Raised panel fiberglass front door with peephole.
- Steel handset with deadbolt and all keyed alike.
- **Interior Doors:** Interior doors to be Hollow Core, 6 panel molded composite slab doors.
 - Door schedule per Stacey #2 House Plans.
 - o Lever style door hardware.

Front Steps and Decking:

- o Per Stacey #2 House Plans.
- Wall Cover

Notes: ½" sheetrock with taping and sanding is standard throughout the house. See further "Notes" Section of this form.

Paint Color: To be determined

Paint Sheen: Eggshell.

• Interior Trim and Base:

Paint Color: White

Paint Sheen: Semi-gloss

Notes:



As per Stacey #2 House Plan.

Ceilings – Knockdown

Notes: Painted Flat White.

• **Flooring:** Must use the following styles or a style that is equivalent (to be approved by the LCCHDO)

Laminate Plank Flooring:

 Traffic Master Lakeshore 7MM laminate plank flooring (Pecan color) in foyer and formal dining room.

Vinyl Flooring:

 Stainmaster Softstep Plus Vinyl sheet flooring in kitchen, baths, & laundry room areas.

Carpet:

 Trafficmaster Hartsfield Carpet with re-bond padding in all other rooms to include stairs.

• Lighting/Electrical Allowance

Notes: All work to meet or exceed local and state codes.

o Smoke detectors as per state or local building codes.

Kitchen Lighting:

o 6 recessed LED can light.

Bathroom Lighting

- o Flush mount 60-watt LED, 2 bulb 12.75" diameter.
- o Two bulb vanity light over bathroom sink.
- Light/fan combo.

Ceiling Fans:

Ceiling fan with light kit in living room and master bedroom.

Bedroom, Closet, & Hallway:

o Flush mount 60-watt LED, 2 bulb, 12.75" diameter fixture.

Stairway:

o Single 60-watt LED bulb sconce.

Garage:

o 48"x4 bulb LED ceiling mount.

Exterior Porch Lights:

Exterior single 60-watt LED wall mount.



Doorbell Button

• Cabinets, Formica Tops and Sink Must use the following styles or a style that is equivalent (to be approved by the LCCHDO)

Note: Colors to be determined

- Poplar wood cabinetry in kitchen with stainless steel double bowl sink, recessed panel doors, concealed hinges and hardware.
- o All pull hardware to match interior door hardware.
- Laminate counter tops with decorative "keystone" edge in kitchen & bathrooms.
- Moen Adler single lever faucet.
- **Bathrooms**: Must use the following styles or a style that is equivalent (to be approved by the LCCHDO)
 - China sinks in bathrooms with poplar vanity cabinet (sizes to match plans).
 - o Moen Adler single lever faucets to include sinks and showers.
 - o Bathtubs shall be fiberglass drop in tub units with handicap bars built in.
 - o Elongated toilets.

Half Bath: White Pedestal Sink

- **Kitchen Appliances:** Must use the following styles or a style that is equivalent (to be approved by the LCCHDO)
 - o Whirlpool or equivalent appliance package in black, white, or stainless

Appliances included in build:

- o 22 cubic foot side-by-side refrigerator.
- o Smooth top self-cleaning range.
- Hood vent
- Dishwasher

Dryer vent: Included and installed by builder. All dryer hookups are to be electric. Washers and/or dryers are NOT included in allowance. Builder is not responsible for the installation or delivery of any washers and/or dryers purchased by buyer(s).

• Bath Fixtures/Plumbing:

Notes: All plumbing shall meet or exceed local and state codes. All drains, traps, and vents will be PVC (Must choose standard size shown on plans for tub and shower.)

- o Moen Adler single lever faucets to include sinks and showers.
- Bathroom toilet holders.
- Bathroom towel holders.

Shower Doors: Framed or Semi-Frameless



- **Heat System-** Heat Pump
- Hot Water- Electric Hot Water Heater 40 Gallon
- **Driveway-** Concrete
- Walkway- Concrete
- Mailbox-Black per photo with lettering

FOUNDATION					
CONCRETE	0	and and	fastinas a		
1:3:5 mix	8	cu.yd.	footings, p	iers	
1:2:4 mix	4	cu.yd.	garage		
Gravel fill	4	cu.yd.	below slab		
	4	cu.yd.	footing dra	ıın	
MASONRY UNITS					
House foundation	168	noc	0v 0v16 a	oncret bloc	L.
House louildation	168	pcs.		oncrete blo	
	84	pcs.			CK
Cavaaa		pcs.	4x 8x16 s	•	al.
Garage	58	pcs.		oncrete blo	
	28	pcs.		oncrete blo	CK
Danah Diana	28	pcs.	4x 8x16 s		-6
Porch Piers	8	pcs.		oncrete blo	
Girder piers	36	pcs.		concrete blo	OCK
	6	pcs.	12x 4x16 s	solid caps	
Finish	2650		food briefs	foundation	narimatar
rinish		pcs.	face brick,		
	250	pcs.	face brick,	porch piers	
MORTAR	40	sacks	mortar mix		
WORTAR	40 6				
	0	cu.yd.	sand		
METAL					
Reinforcing	300	sq.ft.	6x6, 10/10	welded wi	re mesh
Remotering	396	1/f	#5 rebar	, wolded wi	TO THOSH
	3	pcs.	#3 bar stirr	une v 6'-0"	
Anchor bolts	32	pcs.		•	/ nuts & washers
Foundation vents	12	pcs.		ened, with	
Toundation vents	12	pos.	0 710 3010	Jonea, With	Glosulos
VAPOR BARRIER	275	sq.ft.	6 mil poly	under garag	ne slab
	800	sq.ft.	6 mil poly		
	000	04.11.	o min pory	ovor orayyr	ориос
MICO	4		araaway fa	r access d	and hann code
MISC.			al caway it	n access u	oor/ base wows
MISC.	1 60	I/f			oor/ base wdws nt at slab edge
MISC.	60	I/f sa.ft.	1/2"x 4" ex	pansion joi	nt at slab edge
MISC.		I/f sq.ft. I/f	1/2"x 4" ex waterproof	pansion joi	
MISC.	60 200	sq.ft.	1/2"x 4" ex waterproof	pansion joi	nt at slab edge ement/ foundation walls
FRAMING	60 200	sq.ft.	1/2"x 4" ex waterproof	pansion joi	nt at slab edge ement/ foundation walls
	60 200	sq.ft.	1/2"x 4" ex waterproof	pansion joi	nt at slab edge ement/ foundation walls
FRAMING	60 200 130	sq.ft. I/f	1/2"x 4" ex waterproof 4" slotted o	pansion joi ing for base Irain pipe fo	nt at slab edge ement/ foundation walls
FRAMING FLOOR SYSTEM	60 200 130 quant.	sq.ft. I/f unit	1/2"x 4" ex waterproof 4" slotted o	pansion joi ing for base Irain pipe fo	nt at slab edge ement/ foundation walls or footing drain
FRAMING FLOOR SYSTEM	60 200 130 quant. 126	sq.ft. I/f unit I/f	1/2"x 4" ex waterproof 4" slotted of size 2x 6	pansion joi ing for base Irain pipe fo	nt at slab edge ement/ foundation walls or footing drain treated
FRAMING FLOOR SYSTEM Sill plate	60 200 130 quant. 126 10	sq.ft. I/f unit I/f	1/2"x 4" ex waterproof 4" slotted of size 2x 6 2x10	pansion joi ing for base Irain pipe fo	nt at slab edge ement/ foundation walls or footing drain treated
FRAMING FLOOR SYSTEM Sill plate Band	60 200 130 quant. 126 10 294	sq.ft. I/f unit I/f I/f	1/2"x 4" ex waterproof 4" slotted of size 2x 6 2x10 2x10	pansion joi ing for base Irain pipe fo	nt at slab edge ement/ foundation walls or footing drain treated
FRAMING FLOOR SYSTEM Sill plate Band Band, cut-in	60 200 130 quant. 126 10 294 100	sq.ft. I/f unit I/f I/f I/f I/f	1/2"x 4" ex waterproof 4" slotted of size 2x 6 2x10 2x10 2x10	pansion joi ing for base Irain pipe fo Iength	nt at slab edge ement/ foundation walls or footing drain treated
FRAMING FLOOR SYSTEM Sill plate Band Band, cut-in Girder	60 200 130 quant. 126 10 294 100 12	sq.ft. I/f unit I/f I/f I/f I/f pcs.	1/2"x 4" ex waterproof 4" slotted of size 2x 6 2x10 2x10 2x10 2x10	pansion joi ing for base Irain pipe fo Iength	nt at slab edge ement/ foundation walls or footing drain treated
FRAMING FLOOR SYSTEM Sill plate Band Band, cut-in Girder Ledger	900 130 quant. 126 10 294 100 12 64	sq.ft. I/f unit I/f I/f I/f I/f pcs. I/f	1/2"x 4" ex waterproof 4" slotted of size 2x 6 2x10 2x10 2x10 2x10 2x10 2x 2	pansion joi ing for base drain pipe fo length	nt at slab edge ement/ foundation walls or footing drain treated
FRAMING FLOOR SYSTEM Sill plate Band Band, cut-in Girder Ledger	900 130 quant. 126 10 294 100 12 64 12	sq.ft. I/f unit I/f I/f I/f I/f pcs. I/f pcs.	1/2"x 4" ex waterproof 4" slotted of size 2x 6 2x10 2x10 2x10 2x10 2x 2 2x 10	pansion joi ing for base drain pipe fo length 12'	nt at slab edge ement/ foundation walls or footing drain treated
FRAMING FLOOR SYSTEM Sill plate Band Band, cut-in Girder Ledger	90 40 40 40 40 40 40 40 40 40 40 40 40 40	sq.ft. I/f unit I/f I/f I/f I/f pcs. I/f pcs. pcs.	1/2"x 4" ex waterproof 4" slotted of size 2x 6 2x10 2x10 2x10 2x10 2x 2 2x10 2x10	pansion joi ing for base drain pipe fo length 12' 16' 14'	nt at slab edge ement/ foundation walls or footing drain treated
FRAMING FLOOR SYSTEM Sill plate Band Band, cut-in Girder Ledger Floor joists	60 200 130 quant. 126 10 294 100 12 64 12 90 32	sq.ft. I/f unit I/f I/f I/f pcs. I/f pcs. pcs. pcs.	1/2"x 4" ex waterproof 4" slotted of size 2x 6 2x10 2x10 2x10 2x10 2x10 2x10 2x10 2x10	pansion joi ing for base drain pipe fo length 12' 16' 14' 12'	nt at slab edge ement/ foundation walls or footing drain treated treated, on piers
FRAMING FLOOR SYSTEM Sill plate Band Band, cut-in Girder Ledger Floor joists	60 200 130 quant. 126 10 294 100 12 64 12 90 32 32	sq.ft. I/f unit I/f I/f I/f I/f pcs. I/f pcs. pcs. I/f	1/2"x 4" ex waterproof 4" slotted of size 2x 6 2x10 2x10 2x10 2x10 2x10 2x10 2x10 2x10	pansion joi ing for base drain pipe for length 12' 16' 14' 12' solid block	nt at slab edge ement/ foundation walls or footing drain treated
FRAMING FLOOR SYSTEM Sill plate Band Band, cut-in Girder Ledger Floor joists	60 200 130 quant. 126 10 294 100 12 64 12 90 32 32 48	sq.ft. I/f unit I/f I/f I/f pcs. I/f pcs. pcs. pcs. I/f I/f	1/2"x 4" ex waterproof 4" slotted of size 2x 6 2x10 2x10 2x10 2x10 2x10 2x10 2x10 2x10	pansion joi ing for base drain pipe for length 12' 16' 14' 12' solid block solid block	nt at slab edge ement/ foundation walls or footing drain treated treated, on piers king between joists king, over bearing walls
FRAMING FLOOR SYSTEM Sill plate Band Band, cut-in Girder Ledger Floor joists Floor header Joist bridging	60 200 130 quant. 126 10 294 100 12 64 12 90 32 32 48 72	sq.ft. I/f unit I/f I/f I/f I/f pcs. I/f pcs. pcs. pcs. I/f I/f	1/2"x 4" ex waterproof 4" slotted of size 2x 6 2x10 2x10 2x10 2x10 2x10 2x10 2x10 2x10	pansion joi ing for base drain pipe for length 12' 16' 14' 12' solid block solid block t. plywood:	nt at slab edge ement/ foundation walls or footing drain treated treated, on piers king between joists king, over bearing walls 44 sheets, 4'x 8'
FRAMING FLOOR SYSTEM Sill plate Band Band, cut-in Girder Ledger Floor joists Floor header Joist bridging Subfloor: main	60 200 130 quant. 126 10 294 100 12 64 12 90 32 32 48 72 1400	sq.ft. I/f unit I/f I/f I/f pcs. I/f pcs. pcs. pcs. I/f I/f I/f sq.ft.	1/2"x 4" ex waterproof 4" slotted of size 2x 6 2x10 2x10 2x10 2x10 2x10 2x10 2x10 2x10	pansion joi ing for base drain pipe for length 12' 16' 14' 12' solid block solid block t. plywood:	nt at slab edge ement/ foundation walls or footing drain treated treated, on piers king between joists king, over bearing walls 44 sheets, 4'x 8'
FRAMING FLOOR SYSTEM Sill plate Band Band, cut-in Girder Ledger Floor joists Floor header Joist bridging Subfloor: main bonus	60 200 130 quant. 126 10 294 100 12 64 12 90 32 32 48 72 1400 256	sq.ft. I/f unit I/f I/f I/f pcs. I/f pcs. pcs. pcs. I/f I/f I/f sq.ft.	1/2"x 4" ex waterproof 4" slotted of size 2x 6 2x10 2x10 2x10 2x10 2x10 2x10 2x10 2x10	pansion joi ing for base drain pipe for length 12' 16' 14' 12' solid block solid block to plywood:	nt at slab edge ement/ foundation walls or footing drain treated treated, on piers king between joists king, over bearing walls 44 sheets, 4'x 8' 8 sheets, 4'x 8'
FRAMING FLOOR SYSTEM Sill plate Band Band, cut-in Girder Ledger Floor joists Floor header Joist bridging Subfloor: main	60 200 130 quant. 126 10 294 100 12 64 12 90 32 32 48 72 1400 256	sq.ft. I/f unit I/f I/f I/f I/f pcs. I/f pcs. pcs. I/f I/f pcs. pcs. pcs. I/f I/f I/f sq.ft. sq.ft.	1/2"x 4" ex waterproof 4" slotted of size 2x 6 2x10 2x10 2x10 2x10 2x10 2x10 2x10 2x10	tpansion joi ing for base drain pipe for length 12' 16' 14' 12' solid block solid block to plywood:	nt at slab edge ement/ foundation walls or footing drain treated treated, on piers king between joists king, over bearing walls 44 sheets, 4'x 8' 8 sheets, 4'x 8' stringers
FRAMING FLOOR SYSTEM Sill plate Band Band, cut-in Girder Ledger Floor joists Floor header Joist bridging Subfloor: main bonus	60 200 130 quant. 126 10 294 100 12 64 12 90 32 32 48 72 1400 256	sq.ft. I/f unit I/f I/f I/f I/f pcs. I/f pcs. pcs. pcs. I/f I/f sq.ft. sq.ft. pcs.	1/2"x 4" ex waterproof 4" slotted of size 2x 6 2x10 2x10 2x10 2x10 2x10 2x10 2x10 2x10	pansion joi ing for base drain pipe for length 12' 16' 14' 12' solid block solid block to plywood:	nt at slab edge ement/ foundation walls or footing drain treated treated, on piers king between joists king, over bearing walls 44 sheets, 4'x 8' 8 sheets, 4'x 8' stringers stiffners
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FRAMING FLOOR SYSTEM Sill plate Band Band, cut-in Girder Ledger Floor joists Floor header Joist bridging Subfloor: main bonus	60 200 130 quant. 126 10 294 100 12 64 12 90 32 32 48 72 1400 256	sq.ft. I/f unit I/f I/f I/f I/f pcs. pcs. pcs. I/f I/f I/f sq.ft. sq.ft. pcs.	1/2"x 4" ex waterproof 4" slotted of 4" slotted of 5 size 2x 6 2x10 2x10 2x10 2x10 2x10 2x10 2x10 2x10	pansion joi ing for base drain pipe for length 12' 16' 14' 12' solid block solid block solid block to plywood: t. plywood: 16' 16' 16' 3'-6 1/2"	nt at slab edge ement/ foundation walls or footing drain treated treated, on piers king between joists king, over bearing walls 44 sheets, 4'x 8' 8 sheets, 4'x 8' stringers stiffners landing construction treads
FRAMING FLOOR SYSTEM Sill plate Band Band, cut-in Girder Ledger Floor joists Floor header Joist bridging Subfloor: main bonus	60 200 130 quant. 126 10 294 100 12 64 12 90 32 32 48 72 1400 256	sq.ft. I/f unit I/f I/f I/f pcs. I/f pcs. pcs. pcs. I/f I/f sq.ft. sq.ft. pcs. I/f pcs. I/f	1/2"x 4" ex waterproof 4" slotted of size 2x 6 2x10 2x10 2x10 2x10 2x10 2x10 2x10 2x10	tpansion joi ing for base drain pipe for length 12' 16' 14' 12' solid block solid block to plywood: t. plywood:	nt at slab edge ement/ foundation walls or footing drain treated treated, on piers king between joists king, over bearing walls 44 sheets, 4'x 8' 8 sheets, 4'x 8' stringers stiffners landing construction treads risers
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FRAMING FLOOR SYSTEM Sill plate Band Band, cut-in Girder Ledger Floor joists Floor header Joist bridging Subfloor: main bonus	60 200 130 quant. 126 10 294 100 12 64 12 90 32 32 48 72 1400 256	sq.ft. I/f unit I/f I/f I/f I/f pcs. pcs. pcs. I/f I/f I/f sq.ft. sq.ft. pcs. pcs. I/f	1/2"x 4" ex waterproof 4" slotted of size 2x 6 2x10 2x10 2x10 2x10 2x10 2x10 2x10 2x10	pansion joi ing for base drain pipe for length 12' 16' 14' 12' solid block solid block to plywood: to plywood: to plywood: story by	nt at slab edge ement/ foundation walls or footing drain treated treated, on piers king between joists king, over bearing walls 44 sheets, 4'x 8' 8 sheets, 4'x 8' stringers stiffners landing construction treads risers skirt board
FRAMING FLOOR SYSTEM Sill plate Band Band, cut-in Girder Ledger Floor joists Floor header Joist bridging Subfloor: main bonus	60 200 130 quant. 126 10 294 100 12 64 12 90 32 32 48 72 1400 256	sq.ft. I/f unit I/f I/f I/f I/f pcs. pcs. pcs. I/f I/f I/f sq.ft. sq.ft. pcs. I/f pcs. I/f I/f sq.ft. sq.ft.	1/2"x 4" ex waterproof 4" slotted of 4" slotted of 4" slotted of 5 size 2x 6 2x10 2x10 2x10 2x10 2x10 2x10 2x10 2x10	pansion joi ing for base drain pipe for length 12' 16' 14' 12' solid block solid block solid block to plywood:	nt at slab edge ement/ foundation walls or footing drain treated treated, on piers king between joists king, over bearing walls 44 sheets, 4'x 8' 8 sheets, 4'x 8' stringers stiffners landing construction treads risers skirt board
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FRAMING FLOOR SYSTEM Sill plate Band Band, cut-in Girder Ledger Floor joists Floor header Joist bridging Subfloor: main bonus	60 200 130 quant. 126 10 294 100 12 64 12 90 32 32 48 72 1400 256 3 4 32 11 54 48 48 48 16 5	sq.ft. I/f unit I/f I/f I/f I/f pcs. pcs. pcs. I/f I/f I/f sq.ft. sq.ft. pcs. I/f pcs. I/f I/f sq.ft. sq.ft.	1/2"x 4" ex waterproof 4" slotted of 4" slotted of 4" slotted of 5 size 2x 6 2x10 2x10 2x10 2x10 2x10 2x10 2x10 2x10	pansion joi ing for base drain pipe for length 12' 16' 14' 12' solid block solid block to plywood:	nt at slab edge ement/ foundation walls or footing drain treated treated, on piers king between joists king, over bearing walls 44 sheets, 4'x 8' 8 sheets, 4'x 8' stringers stiffners landing construction treads risers skirt board

		01	AUI	2 3	numy Cra	WI Space
	Porch/ deck		(decay	resistant w	and or press	ure treated #2 SYP)
	i orom doon	2	pcs.	2x10	16'	beam
		2	pcs.	2x10	10'	beam
		2	pcs.	2x10	10'	band
		2	pcs.	2x10	12'	band
		48	I/f	2x 2		ledger
		20	pcs.	2x 8	8'	joists
		462	I/f	5/4"x 6"		decking
		36	I/f	2x 4		top rail
		36	I/f	2x 4		bottom rail
		84		2x 2	3'-0"	
		04	pcs.	2X Z	3-0	vertical pickets
WA	ALL FRAMING					
	Shoe	462	I/f	2x 4		typical
		42	I/f	2x 4	treated	garage
	Wall plate	924	I/f	2x 4		typical
		96	I/f	2x 4		garage
		00		ZA T		garago
	Stude	250		0.4	8'	
	Studs	350	pcs.	2x 4		
		50	pcs.	2x 4	9' nom.	garage
		60	pcs.	2x 4	12'	knee walls
	Subsill	74	I/f	2x 4		
	Header	60	I/f	2x 4		blocking
	1100001	120	I/f	2x10		beam
		120	1/1	2710		Deam
	Oable francisco	000	1.15	0-1		
	Gable framing	320	I/f	2x 4		
	Wall sheathing	1728	sq.ft.	7/16" OSE	3 sheathing ((54 sheets 4'x8')
BE	AMS	2	pcs.	1 3/4"x9 1	/4" LVL x 10)' over garage door
		5	pcs.	2x12	16'	porch
		2	pcs.	2x12	10'	porch
co	LIMNS					
co	LUMNS	16	pcs.	1x 8	appx. 8'-0'	
co	LUMNS	16 16	pcs.	1x 8 base mou	appx. 8'-0'	
co	LUMNS	16	pcs.	1x 8	appx. 8'-0'	
		16 16 16	pcs.	1x 8 base mou	appx. 8'-0'	
	ILING and ROOF SYS	16 16 16 TEM	pcs. I/f I/f	1x 8 base mou cap mould	appx. 8'-0' ld l	
		16 16 16	pcs.	1x 8 base mou	appx. 8'-0'	
	ILING and ROOF SYS	16 16 16 TEM	pcs. I/f I/f	1x 8 base mou cap mould	appx. 8'-0' ld l	
	ILING and ROOF SYS	16 16 16 TEM quant.	pcs. I/f I/f unit pcs.	1x 8 base mou cap mould	appx. 8'-0' ld d length	
	ILING and ROOF SYS	16 16 16 TEM quant. 30	pcs. I/f I/f	1x 8 base mou cap mould size 2x 6	appx. 8'-0' ld d length 10'	
	ILING and ROOF SYS` Ceiling joists	16 16 16 TEM quant. 30 14	pcs. I/f I/f unit pcs. pcs.	1x 8 base mould cap mould size 2x 6 2x 6	appx. 8'-0' ld l length 10' 8'	
	ILING and ROOF SYS	16 16 16 TEM quant. 30 14	pcs. I/f I/f unit pcs. pcs. pcs.	1x 8 base mould cap mould size 2x 6 2x 6 2x10	appx. 8'-0' Id Id Iength 10' 8'	
	ILING and ROOF SYS` Ceiling joists	16 16 16 TEM quant. 30 14 48 40	pcs. I/f I/f unit pcs. pcs. pcs. pcs.	1x 8 base mould cap mould size 2x 6 2x 6 2x10 2x10	appx. 8'-0' Id Iength 10' 8' 20' 18'	
	ILING and ROOF SYS` Ceiling joists	16 16 16 TEM quant. 30 14 48 40 22	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould cap mould size 2x 6 2x 6 2x10 2x10 2x10	appx. 8'-0' Id Iength 10' 8' 20' 18' 16'	for boxed columns
	ILING and ROOF SYS` Ceiling joists	16 16 16 TEM quant. 30 14 48 40 22 4	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould cap mould size 2x 6 2x 6 2x10 2x10 2x10 2x 6	appx. 8'-0' ld length 10' 8' 20' 18' 16' 20'	for boxed columns
	ILING and ROOF SYS` Ceiling joists	16 16 16 TEM quant. 30 14 48 40 22 4	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould cap mould size 2x 6 2x 6 2x10 2x10 2x10 2x 6 2x 6	appx. 8'-0' Id Iength 10' 8' 20' 18' 16' 20' 18'	for boxed columns barge rafters barge rafters
	ILING and ROOF SYS` Ceiling joists	16 16 16 TEM quant. 30 14 48 40 22 4	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould cap mould size 2x 6 2x 6 2x10 2x10 2x10 2x 6	appx. 8'-0' ld length 10' 8' 20' 18' 16' 20'	for boxed columns
	ILING and ROOF SYS` Ceiling joists	16 16 16 TEM quant. 30 14 48 40 22 4	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould cap mould size 2x 6 2x 6 2x10 2x10 2x10 2x 6 2x 6	appx. 8'-0' Id Iength 10' 8' 20' 18' 16' 20' 18'	for boxed columns barge rafters barge rafters
	ILING and ROOF SYS` Ceiling joists	16 16 16 TEM quant. 30 14 48 40 22 4	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould cap mould size 2x 6 2x 6 2x10 2x10 2x10 2x 6 2x 6	appx. 8'-0' Id Iength 10' 8' 20' 18' 16' 20' 18'	for boxed columns barge rafters barge rafters
	ILING and ROOF SYS' Ceiling joists Rafters	16 16 16 TEM quant. 30 14 48 40 22 4	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould cap mould size 2x 6 2x 6 2x10 2x10 2x10 2x10 2x 6 2x 6 2x 6	appx. 8'-0' Id Iength 10' 8' 20' 18' 16' 20' 18'	for boxed columns barge rafters barge rafters
	ILING and ROOF SYS' Ceiling joists Rafters Rake lookouts	16 16 16 TEM quant. 30 14 48 40 22 4 2 4	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould cap mould size 2x 6 2x 6 2x10 2x10 2x10 2x 6 2x 6 2x 6 2x 6 2x 6	appx. 8'-0' Id Iength 10' 8' 20' 18' 16' 20' 18'	barge rafters barge rafters valley rafters
	ILING and ROOF SYS' Ceiling joists Rafters	16 16 16 TEM quant. 30 14 48 40 22 4	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould cap mould size 2x 6 2x 6 2x10 2x10 2x10 2x10 2x 6 2x 6 2x 6	appx. 8'-0' Id Iength 10' 8' 20' 18' 16' 20' 18'	for boxed columns barge rafters barge rafters
	ILING and ROOF SYS' Ceiling joists Rafters Rake lookouts Rafter blocking	16 16 16 17 18 14 48 40 22 4 2 4 96	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould size 2x 6 2x 6 2x 10 2x 10 2x 10 2x 10 2x 6 2x 6 2x 6 2x 6 2x 12	appx. 8'-0' Id Ilength 10' 8' 20' 18' 16' 20' 18' 24'	barge rafters barge rafters valley rafters
	ILING and ROOF SYS' Ceiling joists Rafters Rake lookouts	16 16 16 TEM quant. 30 14 48 40 22 4 2 4 96 84	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould cap mould size 2x 6 2x 6 2x 10 2x 10 2x 10 2x 10 2x 6 2x 6 2x 6 2x 6 2x 6 2x 6	appx. 8'-0' Id Ilength 10' 8' 20' 18' 16' 20' 18' 24'	barge rafters barge rafters valley rafters
	ILING and ROOF SYS' Ceiling joists Rafters Rake lookouts Rafter blocking	16 16 16 17 18 14 48 40 22 4 2 4 96	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould size 2x 6 2x 6 2x 10 2x 10 2x 10 2x 10 2x 6 2x 6 2x 6 2x 6 2x 12	appx. 8'-0' Id Ilength 10' 8' 20' 18' 16' 20' 18' 24'	barge rafters barge rafters valley rafters
	ILING and ROOF SYS' Ceiling joists Rafters Rake lookouts Rafter blocking Rafter ties	16 16 16 TEM quant. 30 14 48 40 22 4 2 4 2 4 2 4 2 4	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould size 2x 6 2x 6 2x 10 2x 10 2x 10 2x 10 2x 6 2x 6 2x 6 2x 6 2x 12	appx. 8'-0' ld length 10' 8' 20' 18' 16' 20' 18' 24'	barge rafters barge rafters valley rafters
	ILING and ROOF SYS' Ceiling joists Rafters Rake lookouts Rafter blocking	16 16 16 TEM quant. 30 14 48 40 22 4 2 4 96 84	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould cap mould size 2x 6 2x 6 2x 10 2x 10 2x 10 2x 10 2x 6 2x 6 2x 6 2x 6 2x 6 2x 6	appx. 8'-0' ld length 10' 8' 20' 18' 16' 20' 18' 24'	barge rafters barge rafters valley rafters
	ILING and ROOF SYS' Ceiling joists Rafters Rake lookouts Rafter blocking Rafter ties	16 16 16 TEM quant. 30 14 48 40 22 4 2 4 2 4 2 4	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould size 2x 6 2x 6 2x 10 2x 10 2x 10 2x 10 2x 6 2x 6 2x 6 2x 6 2x 12	appx. 8'-0' ld length 10' 8' 20' 18' 16' 20' 18' 24'	barge rafters barge rafters valley rafters
	ILING and ROOF SYS' Ceiling joists Rafters Rake lookouts Rafter blocking Rafter ties Ridge Eave	16 16 16 17 18 14 48 40 22 4 2 4 96 84 24 24	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould size 2x 6 2x 6 2x 10 2x 10 2x 10 2x 10 2x 10 2x 6 2x 6 2x 12 2x 6 2x 4 1 3/4"x 14	appx. 8'-0' ld length 10' 8' 20' 18' 16' 20' 18' 24'	barge rafters barge rafters valley rafters at rafter seat
	ILING and ROOF SYS' Ceiling joists Rafters Rake lookouts Rafter blocking Rafter ties Ridge	16 16 16 17 18 14 48 40 22 4 2 4 96 84 24 24 66	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. l/f I/f I/f I/f	1x 8 base mould size 2x 6 2x 6 2x 10 2x 10 2x 10 2x 10 2x 6 2x 6 2x 12 2x 6 2x 4 1 3/4"x 14 2x 6	appx. 8'-0' ld length 10' 8' 20' 18' 16' 20' 18' 24'	barge rafters barge rafters valley rafters at rafter seat
	ILING and ROOF SYS' Ceiling joists Rafters Rake lookouts Rafter blocking Rafter ties Ridge Eave Nail band	16 16 16 17 16 16 170 170	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould size 2x 6 2x 6 2x 10 2x 10 2x 10 2x 10 2x 6 2x 6 2x 12 2x 6 2x 4 1 3/4"x 14 2x 6 2x 4	appx. 8'-0' Id Ilength 10' 8' 20' 18' 16' 20' 18' 24'	barge rafters barge rafters valley rafters at rafter seat
	ILING and ROOF SYS' Ceiling joists Rafters Rake lookouts Rafter blocking Rafter ties Ridge Eave	16 16 16 TEM quant. 30 14 48 40 22 4 2 4 96 84 24 24 66 170 170 36	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould size 2x 6 2x 6 2x 10 2x 10 2x 10 2x 10 2x 6 2x 6 2x 12 2x 6 2x 4 1 3/4"x 14 2x 6 2x 4 2x 6	appx. 8'-0' Id I length 10' 8' 20' 18' 16' 20' 18' 24'	barge rafters barge rafters valley rafters at rafter seat rafter ends for lookouts appx. 64 l/f
	ILING and ROOF SYS' Ceiling joists Rafters Rake lookouts Rafter blocking Rafter ties Ridge Eave Nail band	16 16 16 17 16 16 170 170	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould size 2x 6 2x 6 2x 10 2x 10 2x 10 2x 10 2x 6 2x 6 2x 12 2x 6 2x 4 1 3/4"x 14 2x 6 2x 4	appx. 8'-0' Id Ilength 10' 8' 20' 18' 16' 20' 18' 24'	barge rafters barge rafters valley rafters at rafter seat
	ILING and ROOF SYS' Ceiling joists Rafters Rake lookouts Rafter blocking Rafter ties Ridge Eave Nail band Lookouts	16 16 16 17 14 48 40 22 4 2 4 96 84 24 24 66 170 170 36 92	pcs. I/f I/f I/f pcs. pcs. I/f I/f pcs. pcs.	1x 8 base mould size 2x 6 2x 6 2x 10 2x 10 2x 10 2x 10 2x 10 2x 6 2x 4 1 3/4"x 14 2x 6 2x 4 1 3/4"x 14	appx. 8'-0' Id I length 10' 8' 20' 18' 16' 20' 18' 24' 2'-0" 2'-0" " LVL	barge rafters barge rafters valley rafters at rafter seat rafter ends for lookouts appx. 64 l/f appx 116 l/f
	ILING and ROOF SYS' Ceiling joists Rafters Rake lookouts Rafter blocking Rafter ties Ridge Eave Nail band	16 16 16 TEM quant. 30 14 48 40 22 4 2 4 96 84 24 24 66 170 170 36	pcs. I/f I/f unit pcs. pcs. pcs. pcs. pcs. pcs. pcs. pcs.	1x 8 base mould size 2x 6 2x 6 2x 10 2x 10 2x 10 2x 10 2x 10 2x 6 2x 4 1 3/4"x 14 2x 6 2x 4 1 3/4"x 14	appx. 8'-0' Id I length 10' 8' 20' 18' 16' 20' 18' 24'	barge rafters barge rafters valley rafters at rafter seat rafter ends for lookouts appx. 64 l/f appx 116 l/f
	ILING and ROOF SYS' Ceiling joists Rafters Rake lookouts Rafter blocking Rafter ties Ridge Eave Nail band Lookouts	16 16 16 17 14 48 40 22 4 2 4 96 84 24 24 66 170 170 36 92	pcs. I/f I/f I/f pcs. pcs. I/f I/f pcs. pcs.	1x 8 base mould size 2x 6 2x 6 2x 10 2x 10 2x 10 2x 10 2x 10 2x 6 2x 4 1 3/4"x 14 2x 6 2x 4 1 3/4"x 14	appx. 8'-0' Id I length 10' 8' 20' 18' 16' 20' 18' 24' 2'-0" 2'-0" " LVL	barge rafters barge rafters valley rafters at rafter seat rafter ends for lookouts appx. 64 l/f appx 116 l/f
CE	ILING and ROOF SYS' Ceiling joists Rafters Rake lookouts Rafter blocking Rafter ties Ridge Eave Nail band Lookouts	16 16 16 17 14 48 40 22 4 2 4 96 84 24 24 66 170 170 36 92	pcs. I/f I/f I/f pcs. pcs. I/f I/f pcs. pcs.	1x 8 base mould size 2x 6 2x 6 2x 10 2x 10 2x 10 2x 10 2x 10 2x 6 2x 4 1 3/4"x 14 2x 6 2x 4 1 3/4"x 14	appx. 8'-0' Id I length 10' 8' 20' 18' 16' 20' 18' 24' 2'-0" 2'-0" " LVL	barge rafters barge rafters valley rafters at rafter seat rafter ends for lookouts appx. 64 l/f appx 116 l/f

EVTEDIOD EINIGU			-					
EXTERIOR FINISH SIDING	1400	sq.ft.	approximate covered	araa				
SIDING	1584	sq.ft.	vertical siding:	44 sheets, 4'x 9' or				
	1500	1/f	1x12 vertical boards:					
	104	pcs.	12"x16' lap siding (1					
	162	pcs.	8"x 16' lap siding (7					
	226	pcs.	6"x 16' lap siding (5					
	224							
	64							
	64	I/f	5/4"x 5" S4S outside	corner trim				
	24	I/f	1" x1" inside corner t	rim				
	1392	I/f	1x 2 batten if used 12	2" o.c. or				
	1044	I/f	1x 2 batten if used 16	6" o.c. or				
	692	I/f	1x 2 batten if used 24	4" o.c.				
EAVE	4	pcs.	3/8" AC exterior plyw	rood (4'x 8') or				
	9	pcs.	12"x 16' smooth hard					
	130	sq.ft.	vented vinyl soffit					
	48	l/f	1x 10 fascia					
	128	I/f	1x 8 fascia					
	128	I/f	crown or bed mould					
	128	I/f	prefab continuous ea					
	20	I/f	lattice for batten, if u	sed				
RAKE	4	pcs.	3/8" AC exterior plyw	ood (4'x 8') or				
	7	pcs.	12"x 16' smooth hard					
	110	sq.ft.	solid vinyl soffit					
	112	I/f	1x 8 fascia					
	112	I/f	1x 6 fascia					
	112	I/f	rake (shingle) mould					
	110	I/f	crown, bed or quarter	round mould				
MISC. TRIM	32	32 I/f 2" brick mould around garage doors						
	32	I/f	1x 5 S4S garage d	(1) - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				
	256	I/f	1x 6 S4S trim arou	nd windows and doors				
PORCH	6	pcs.	3/8" AC exterior plyw	ood (4'x8') or				
	192	sq.ft.	solid vinyl porch ceili	ng				
	84	I/f	1 1/2" lattice for batte	en, if required				
	48	I/f	1x 10 fascia					
	64	I/f	1x 4 fascia					
	48	I/f	1x 8 beam trir	n				
	64	l/f	crown or bed mould					
WINDOWS		prefab		mes, hardware, weatherstrippi	ng, screens			
	2		2'-8"x 5'-2"	wood DH Single				
	5		2'-8"x 5'-2"	wood DH Twin				
EXTERIOR DOORS		prehun	g units include: door fi	rame, weatherstrip, ext. mould	, hinges, stop			
Front	1	p. 377011	3'-0"x 6'-8"x 1 3/4"	half glass and panels	,g-2, ctop			
Garage: access	1		3'-0"x 6'-8"x 1 3/4"	6-panel fire rated				
exit	1		3'-0"x 6'-8"x 1 3/4"	half glass & metal panel				
bay	1		9'-0"x 8'-0"	overhead garage door				
Hardware	3	pcs.	lockset					
i idi dwale	1	set		door track and hardware				
Access	1	pc.	3'-4"x 3'-0" door	door track and hardware				
710000	1	set	hasp & staple or barr	el bolt				
	1	set	6" "T" hinges					
INSULATION	700	sq.ft.	R-38 typical ce	ilina				
INOULATION	895	sq.ft.	R-19 typical flo					
	1026	sq.ft.	R-15 typical wa					
	110	sq.ft.	R-30 "C" below BF					
	400	sq.ft.	R-30 "C" for slope					
	570	sq.ft.	R-19 knee wal					
	1786	sq.ft.	poly vapor barrier for					
	256	I/f	baffles between rafte					

Standard Homes Plan Service page 3 of 6

INTERIOR FINISH			
FLOORS	760	sq.ft.	15# asphalt felt
Vinyl	224	sq.ft.	plywood underlayment (waterproof)
	200	sq.ft.	sheet vinyl: Bath 1, Bath 2, laundry, rear entry
0	2	gal.	plastic adhesive
Carpet Hardwood	800 330	sq.ft.	plywood or composite underlayment, if required select oak: Living area, Dining, kitchen
Harawooa	000	oq.it.	School sake. Living area, Dining, Rection
DRYWALL	5280	sq.ft.	1/2" gypsum board house walls
	864	sq.ft.	1/2" firecode gypsum board garage
	10	rolls	joint tape
	6	200	5 gallon buckets joint compound metal corner bead
	14	pcs.	metal comer bead
CLOSETS	36	I/f	closet rod
	84	I/f	1x 12 shelving
	84	l/f	1x 2 shelf cleat
	4	sets	closet rod supports (ends)
	4	pcs.	rod support brackets (center)
LINEN	5	pcs.	1'-5"x 3'-1" plywood shelves
	4	pcs.	1'-4"x 6'-1" plywood shelves
	72	I/f	1x 2 shelf cleat
INTERIOR DOORS		•	g units include:
			ges casing and stop
	doors, hinges,		
Double open		rrame,	hinges, casing and stop 3'-0"x 6'-8"x 1 3/8"
	1 2		2'-8"x 6'-8"x 1 3/8"
	2		2'-6"x 6'-8"x 1 3/8"
	1		2'-4"x 6'-8"x 1 3/8"
	4		2'-0"x 6'-8"x 1 3/8"
	1		5'-0"x 6'-8"x 1 3/8" bifold unit
	3		4'-0"x 6'-8"x 1 3/8" double opening
Hardware	3	pcs.	lockset bathrooms
	3	pcs.	lockset bedrooms
	4	pcs.	passage sets
	6	pcs.	double opening door handles
	6	pcs.	magnetic catches for double doors
	2	pcs.	bifold door handles
TRIM	448	I/f	baseboard
	80	I/f	oak shoe mould: hardwood floor areas
	96	I/f	pine shoe mould: vinyl or tile floor areas
	96	1/f	casing: ext doors, bifold doors
	3 48	pcs. I/f	6'-8" flat jambs: bifold doors casing for attic access
Wdw trim kits	2	sets	2'-8"x 5'-2" single
WOW WIII KIES	5	sets	2'-8"x 5'-2" twin
CADIMITTO	6.4	1/4	haco unite kitchen
CABINETS	6.1 11.54	l/f l/f	base units kitchen wall units kitchen
	1	1/1	vanity x 69" bath 1
	1		vanity x 51" bath 2
BATH FIXTURES	2	nce	water closet
בשאו וואו מאבט	2	pcs.	paper holder
	2	F-00.	tub & shower unit
	2	pcs.	soap dish and grab bar
	2	sets	shower doors or
	2	sets	curtain rod and supports
	3	pcs.	lavatory
	4	sets	towel bar

METAL				
COLUMN PLINTHS	4	pcs.	for 10"x 10" base	
FLASHING	72	sq.ft.	26 ga galvanized stee	el
	50	I/f	valley flashing, if use	
	240	I/f	galv. drip edge for ea	ve & rake
	40	I/f	galv. drip cap over do	ors & wdws
FASTENERS				
Nails	150	lbs.	16d coated	framing
	25	lbs.	10d coated	framing
	125	lbs.	8d coated	framing
	20	lbs.	2 1/4" screws shank	flooring
	75	lbs.	8d galvanized	siding
	35	lbs.	1 1/4" coated	drywall
	50	lbs.	1 1/4" galvanized	roofing
	75	lbs.	8d coated	sheathing
	15	lbs.	10d brite finish	trim
	10	lbs.	8d brite finish	trim
	5	lbs.	6d brite finish	trim
	15	lbs.	10d galv. finish	exterior trim
	10	lbs.	8d galv. finish	exterior trim
	5	lbs.	6d galv. finish	exterior trim
Deck/ porch	5	lbs.	16d galv. common	
	10	lbs.	10d galv. common	
	15	lbs.	8d galv. common	
	15	pcs.	5/8" dia x 6" galv. bol	ts w/ nuts & washers
Joist hangers	64	pcs.	for 2x10 single	
ROOFING	27	squares	composition shingles	
	2500	sq.ft.	15# asphalt felt	
MISC.	2		exhaust fans for bathi	rooms
	1		prefab metal furnace	flue, if required
	1		range hood and exhai	ust fan for kitchen
	1	set	dryer vent pipe & exte	erior cap
	64	I/f	ridge vent	

CONVERSION	From: To:				
OMIT:	58 162 94 1548 1370 94 146 204 202 64 64 48 1260 946 630 65 30 15	pcs. 4x8x16 concrete block pcs. 4x8x16 concrete block pcs. 4x8x16 solid caps sq.ft. vertical siding: 43 sheets, 4'x 9' or l/f 1x12 vertical boards: 1370 fbm; or pcs. 12"x16' lap siding (11" exposure) or pcs. 8"x 16' lap siding (7" exposure) or pcs. 6"x 16' lap siding (5" exposure) or pcs. 8"x 12' lap siding (6 3/4" exposure) l/f 5/4"x 4" S4S outside corner trim l/f 5/4"x 5" S4S outside corner trim l/f 1" x1" inside corner trim l/f 1x 2 batten if used 12" o.c. or l/f 1x 2 batten if used 16" o.c. or l/f 1x 2 batten if used 24" o.c. lbs. 8d galv. siding nails l/f galv. drip edge over doors & windows pcs. 5/8" dia x6" galv. bolts for deck			
ADD	168 58 28 28 66 10000 70 10 700 12 1 2 2 3 1 140 126 400 15	pcs. 12x8x16 concrete block pcs. 10x8x16 concrete block pcs. 6x8x16 solid caps pcs. 6x8x16 solid caps pcs. 8x8x16 solid caps pcs. face brick sacks mortar mix cu.yd. sand pcs. 22 ga. galvanized wall ties pcs. 1/4"x 3"x 20" steel bars over vents pc. 4"x 4"x 1/4" angle x 4'-0" over access pcs. 3 1/2"x 3 1/2"x 1/4"x 3'-8" over windows pcs. 3 1/2"x 3 1/2"x 1/4"x 4'-0" over door, window pcs. 3 1/2"x 3 1/2"x 1/4"x 6'-6" over windows pc. 5" x 3 1/2" x 3/8" x 10'-0" over garage door l/f base flashing, 10 mil poly x 12" wide l/f 1x 6 fascia l/f 2x 4 blocking for fascia at eave & rake pcs. 5/8" dia x 10" galv. bolts for deck			

Exhibit "B"

Georgia Department of Community Affairs 60 Executive Park South, NE, Atlanta, GA 30329

Mandatory Section 3 Solicitation Package

This mandatory solicitation package has been developed in accordance with DCA's Section 3 Policy for Covered HUD Funded Activities. DCA encourages all recipients, subrecipients, contractors, and sub-contractors to review this policy prior to completion of the solicitation package. For those solicitations that meet the applicable Section 3 thresholds, this package must be returned in accordance with the applicable instructions to the contracting entity prior to award or at the time of submission of a bid/proposal in order to claim a Section 3 preference. The Section 3 Clause, required forms, and instructions are included in this package.

To be considered for a contract award exceeding \$100,000, the entire solicitation package must be satisfactorily completed and submitted prior to award. In order to claim a preference for a contract award exceeding \$100,000, the Section 3 Self-Certification and Action Plan and the Section 3 Business Concern Self Certification portions of the solicitation package must be satisfactorily completed and submitted at the time of submission of a bid/proposal.

For Section 3 Covered Assistance of \$100,000 or less, the solicitation package must be made available to bidders/offerors in accordance with DCA's Section 3 Policy; however, bidders/offerors are not required to submit the solicitation package unless a preference is being claimed. In this case, only the Section 3 Self-Certification and Action Plan and the Section 3 Business Concern Self Certification must be completed at the time of submission of a bid/proposal

Any bid/proposal claiming a preference must include the completed and signed Section 3 Self-Certification and Action Plan and the Section 3 Business Concern Self Certification, and be submitted by the bid/proposal deadline.

The following Section 3 forms must be completed and returned as instructed:

- Section 3 Self Certification and Action Plan
- Previous Section 3 Compliance Certification
- Assurance of Compliance Certification

Additionally, if the contractor is claiming certification as a 51% Resident Owned Business (ROB) or is certifying as a 30% employer, the Resident Self-Certification and Skills Data Form must be returned for all employees who meet the low- or very low-income requirement as well as the appropriate Section 3 Business Certification.



Section 3 Solicitation Overview and Instructions for Contractors

The DCA Section 3 Policy requires that, when the <u>Section 3 regulation is triggered</u>, every effort within the contractor's disposal must be made, to the greatest extent feasible, to offer all available employment and contracting opportunities to Section 3 residents and Section 3 businesses based on the compliance methods below.

All Contracts and All Contractors must meet Section 3 compliance by:

- A. Giving notice of any and all opportunities for employment and contracting to residents of the local Public Housing Authority (PHA), and other low and very low income area residents and businesses, by posting the opportunity in community sources generally available to low income residents and the general public. Exercising a *minimum of three (3)* of the following listed sources must be completed prior to offering employment to anyone not covered by Section 3 requirements:
 - 1. The local community newspaper
 - 2. The most widely distributed newspaper
 - 3. Company or agency website
 - 4. The management office of the local housing authority/homeless service agency/local low income housing community
 - 5. Local Workforce Board (i.e. Department of Labor)
 - 6. Local office of the Georgia Division of Family and Children Services
 - 7. Dodge Room http://www.construction.com/dodge/dodge.asp
 - 8. Other locations as approved by DCA
- B. The recipient, sub-recipient or contractor must check the HUD Section 3 Business Registry to determine if there are any Section 3 businesses in the County where the work will be performed. If there are Section 3 businesses in the County that may be able to perform the work, the recipient, sub-recipient or contractor must provide a copy of the contracting opportunity(ies) (e.g., bid notices) to the Section 3 businesses. See the HUD Section 3 Business Registry at: https://portalapps.hud.gov/Sec3BusReg/BRegistry/What.
- C. Clearly stating in notices that the position is a "Section 3 covered position under the HUD Act of 1968 and that Section 3 Residents and Business Concerns are encouraged to apply."
- D. Placing the Section 3 Clause provided in Appendix A in ALL solicitations.
- E. When possible, other activities may be done to demonstrate effort to comply with the Safe Harbor Limits. These other efforts are listed in the appendix to part 135 of the Code of Federal Regulations—24 CFR Part 135 and include:
 - 1. Distributing or posting flyers advertising positions to be filled;



- 2. Contacting the local government or housing authority for a list of residents who have expressed interest in Section 3 employment;
- 3. Holding job informational meetings for residents, contractors, etc...;
- 4. Contacting agencies administering HUD YouthBuild programs and requesting their assistance in recruiting HUD YouthBuild program participants for training and employment positions.
- F. Linking residents or businesses to local resources that may be available to help prepare them for applying for and achieving the opportunity.
- G. Working with DCA, the recipient, sub-recipient or contractor as applicable in developing a communication and follow up process to track and report all Section 3 applications and hiring activities to ensure the reporting of compliance efforts, and that contracting and sub-contracting are accurate. Provide preference in hiring and contracting to Section 3 applicants and contractors when employment or contracting opportunities are offered and all requirements are met and remain equal. Contractors must:
 - 1. Provide this package to all sub-contractors when soliciting bids for all contracts or sub-contracts;
 - 2. Meet all the same processes in A-E; and
 - 3. Provide Preference to all sub-contractors meeting the definitions as stated in Section VI of DCA's Section 3 Policy for Covered HUD Funded Activities.
- H. In order for Preference as a Section 3 Contractor to be factored into the award decision, all elements of the solicitation criteria must be equal between contracts. This means price and all other factors must be equal. Then the contractors that elect Preference on the Certification and Action Plan form that meet that Preference criterion will be provided Preference in the award of the contract as provided in Part VI., Preferences and Eligibility of DCA's Section 3 Policy for Covered HUD Funded Activities.

Example:

Bill's electrical and Sue's Electrical bid a job where the housing authority has a budget of \$500,000. Bill bids \$480,000 and elects a Preference as a Section 3 business concern because he qualifies as a 51% Resident Owned Business. Sue bids \$450,000 but does not elect any Preference. Both companies met all the other requirements. Sue will be awarded the contract because Bill's bid was higher.

Important items to remember about receiving Preferences in contract award:

All contractors and/or subcontractors that elect a Preference and are awarded a contract must be in compliance prior to the issuance of a Notice to Proceed by DCA, the recipient, subrecipient, or the contractor based on the policies established for the applicable DCA funding program. The contractor and/or subcontractor must maintain the elected Preference standard during the entire contract or risk having the contract terminated for failure to comply. See Appendix B for further details.



When a contractor and/or subcontractor that elected a Preference is unable to identify a Section 3 resident or a Section 3 business for employment or contracting opportunities, the contractor then *must* offer employment related training to the Section 3 residents in the county. The training must be provided according to Part VII – Other Economic Opportunities in DCA's Section 3 Policy.

Appendix A Section 3 Clause

Training and Employment Opportunities for Residents in the Project Area (Section 3, HUD Act of 1968; 24 CFR 135)

- (a) The work to be performed under this contract is subject to the requirements of section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701u (section 3). The purpose of section 3 is to ensure that employment and other economic opportunities generated by HUD assistance or HUD-assisted projects covered by section 3, shall, to the greatest extent feasible, be directed to low- and very low-income persons, particularly persons who are recipients of HUD assistance for housing.
- (b) The parties to this contract agree to comply with HUD's regulations in 24 CFR Part 135, which implement section 3. As evidenced by their execution of this contract, the parties to this contract certify that they are under no contractual or other impediment that would prevent them from complying with the Part 135 regulations.
- (c) The contractor agrees to send to each labor organization or representative of workers with which the contractor has a collective bargaining agreement or other understanding, if any, a notice advising the labor organization or workers' representative of the contractor's commitments under this section 3 clause, and will post copies of the notice in conspicuous places at the work site where both employees and applicants for training and employment positions can see the notice. The notice shall describe the section 3 preference, shall set forth minimum number and job titles subject to hire, availability of Section 3 apprenticeship and training positions, the qualifications for each; and the name and location of the person(s) taking applications for each of the positions; and the anticipated date the work shall begin.
- (d) The contractor agrees to include this section 3 clause in every subcontract subject to compliance with regulations in 24 CFR Part 135, and agrees to take appropriate action, as provided in an applicable provision of the subcontract or in this section 3 clause, upon a finding that the subcontractor is in violation of the regulations in 24 CFR Part 135. The contractor will not subcontract with any subcontractor where the contractor has notice or knowledge that the subcontractor has been found in violation of the regulations in 24 CFR Part 135.
- (e) The contractor will certify that any vacant employment positions, including training positions, that are filled (1) after the contractor is selected but before the contract is executed, and (2) with persons other than those to whom the regulations of 24 CFR Part 135 require employment opportunities to be directed, were not filled to circumvent the contractor's obligations under 24 CFR Part 135.
- (f) Noncompliance with HUD's regulations in 24 CFR Part 135 may result in sanctions, termination of this contract for default, and debarment or suspension from future HUD assisted contracts.



Appendix B Section 3 Contract Non-Compliance Cure /Termination Processes

This language is a component of contract compliance with the work to which you are responding in this solicitation. The full requirements are provided in the Section 3 Clause found elsewhere in this package and in DCA's Section 3 Policy for Covered HUD Funded Activities.

Any recipient, sub-recipient or contractor claiming Preference must be in compliance prior to issuance of a notice to proceed by DCA, recipient, sub-recipient, or contractor based on the policies established for the applicable DCA funding program. This preference can be met by any of the three qualifications:

- 1. Resident Owned Businesses (ROBs) owned and operated at 51% by Section 3 Residents.
- 2. Businesses that employ Section 3 residents at no less than 30% of the contractors aggregate full time staff.
- 3. Contractors that at the time of bid show evidence (meaning the specific name and preference met) of their intent to award no less than 25% of their total award to Section 3 business concerns.

The recipient, sub-recipient or contractor must maintain compliance throughout the life of the contract. The contractor understands and agrees that a compliance management firm may be used to conduct routine and certified payroll reviews to ensure compliance. The Contractor agrees to provide the payroll data in an Excel or Word format each time the payroll is processed throughout the contract.

Failure to meet the Section 3 requirements will result in penalties up to and including contract termination. Any contractor triggering the regulation by doing any hiring or contracting once they are awarded the contract through execution must comply with the Section 3 requirements by executing the efforts on their Certification and Action Plan in accordance with DCA's Section 3 Policy.

DCA, the recipient, sub-recipient or contractor shall execute these remedies to achieve compliance in this order:

NON-COMPLIANCE CURE PROCESS

- A. Based on the first observation or report of non-compliance with Section 3, the recipient, sub-recipient or contractor will be sent an e-mail by the compliance manager notifying them of their non-compliance issue. The recipient, sub-recipient or contractor will have until the next payroll or 10 business days, whichever is less, to bring the contract into compliance and/or justify in writing why they cannot meet compliance requirements.
- B. DCA, the recipient, sub-recipient or contractor must render a response to the violating party within 10 business days of receipt of the violating party's letter of reason for non-compliance. If DCA, the recipient, sub-recipient, or the contractor deems the reason to



be unacceptable, at its option, DCA, the recipient, sub-recipient, or the contractor can extend the response period one time for up to 5 business days to allow the violating party to identify and secure other compliance options.

NON-COMPLIANCE TERMINATION PROCESS

If the violating party fails to take any corrective action to bring the contract into compliance within the allotted time, or DCA, the recipient, sub-recipient, or the contractor rejects any of the corrective plans and justifications for non-compliance, DCA, the recipient, sub-recipient, or the contractor will either terminate the contract immediately or impose liquidated damages equal to \$100 a day for every day out of compliance. At DCA's determination, any liquidated damages received must be paid to the recipient, sub-recipient or DCA, at DCA's determination, and be used to promote economic opportunities for Section 3 Residents and Business Concerns.

DCA, the recipient, sub-recipient, or the contractor will hold all funds due to the violating party until such time that a financial workout is completed.

Additionally the violating party may be banned by DCA, the recipient, sub-recipient, and the contractor on future HUD funded projects.



Appendix C Section 3 Forms



Georgia Department of Community Affairs Required Submittal - Section 3 Self-Certification and Action Plan

All firms and individuals intending to do business with DCA, its recipients, sub-recipients and contractors MUST complete and submit this Action Plan and submit it with the bid, offer, or proposal in order to claim a preference on any contract or prior to award of a contract exceeding \$100,000 if no preference is claimed. For contracts exceeding \$100,000, this document (signed, and notarized) must be satisfactorily completed to be eligible for award.

Business Name:		
D.B.A. (if different from above):		
Address:	City:	State/Zip:
Business Phone:	Fax:	
E-Mail:	Business Website:	
Federal Employer Identification Number:	Owner Social Security Number (if n	o EIN):
Contact Person & Title:	Contact Phone:	
Trade Description: Carpentry Masonry Restoration Cead (Abatement) Carpet/Flooring Demolition Trade Description: Heating (HVAC) General Contractor Rubbish Removal/F		☐ Painting ☐ Roofing ☐ Ironwork ☐ Landscaping
Date Business was established (MM/DD/YYYY):		
	Partnership Limited Liability Partnership (LLP)	☐ Sole Proprietorship☐ Joint Venture
Number of employees: Full-time: Part-tir	ne: Contract: Tot	al:
Section 3 employees: Full-time: Part-tir	ne: Contract: Tot	al:



I am Certifying a	s a Section 3 Business Concern and requesting Preference accordingly (Select only One Option):
Option 1	
☐ A busin	ess claiming status as a Section 3 Resident-Owned Business Concern (ROB) entity:
	Initial here to confirm selection of this option
Option 2	
· ·	ess claiming Section 3 status, because at least 30% of the existing or newly hired workforce for
	ecific contract will be Section 3 residents throughout the entire contract period. If a Prime or
-	I Contractor is electing this option, the 30% employment requirement will be for the entire project
includii	ng all the sub-contractors' employees:
Check all m	ethods you will employ to secure Section 3 Residents/Persons
Posting the	position in community sources that are generally available to low income residents and the
general pub	olic is a standard requirement. Check at least three (3) methods you will employ:
☐ The	local community newspaper
	most widely distributed newspaper
	npany or agency website
☐ The	management office of the local housing authority, or homeless service agency, or local low
inco	ome housing community
☐ Loc	al Workforce Board (i.e., Department of Labor)
	al office of the Georgia Division of Family and Children Services
	al office of the Georgia Department of Public Health
	lge Room http://www.construction.com/dodge/dodge.asp
☐ Oth	er locations identified below and subject to DCA approval:
	Initial here to confirm selection of this option
	tal number of employees for this contract to be and will be qualified Section 3 Residents/persons.
Option 3	
☐ A busin	ess claiming Section 3 status by subcontracting 25% of the dollar award to qualified Section 3
Busine	SS:
At	tach a list of intended subcontract Section 3 business(es) with subcontract amount.
At	tach certification & all supporting documentation for each planned subcontract Section 3 Business.
	Initial here to confirm selection of this option



I am NOT Requesting Preference u	ider Section 3:	
☐ I am NOT certifying as a c	ualified Section 3 Business Concern and I am not requesting a preferer	ice.
	regulation by doing any sub-contracting or hiring, I will comply by meeting	<u>ı all</u>
<u>requirements of DCA's Sect</u>	ion 3 policy and am committing to do the outreach as specified below.	
Check all methods you will em	ploy to secure Section 3 Residents/Businesses	
= :	pportunity in community sources that are generally available to low inco	
	sses and the general public is a standard requirement. Check at least th	ree
(3) methods you will employ:		
☐ The local community ne	ewspaper	
☐ The most widely distrib		
☐ Company or agency we ☐ The management office		
income housing commu	e of the local housing authority, or homeless service agency, or local lo	w
=	(i.e., Department of Labor)	
	gia Division of Family and Children Services	
	gia Department of Public Health	
	w.construction.com/dodge/dodge.asp ed below and subject to DCA approval:	
Other locations identified	tu below and subject to DCA approval.	
		_
		_
	Initial here to confirm selection of this option	
Signature:		
Drinted/Tuned Name:		
Fillited/Typed Name		
Title:		
_		
Date:		
	Notarial Affidavit	
Sworn to and subscribed before n	ne this, 20	
Signature of Notary Public		
	·	
Printed Name of Notary Public		
Commission Expiration Date:		
(Notarial Seal)		



Georgia Department of Community Affairs Required Submittal - Previous Section 3 Compliance Certification

Naı	me of Busines	s:						
Add	dress of Busin	ess:						
Тур	oe of Business	(Check One):		Corporation Sole Proprietorship		□ Partnership□ Other		
Bus	siness Activity	:	_	Sole Froprietorship				
All M L	firms and ind	ividuals intendi and submit this	ng to certi	o do business with DC	A, its re liance p	recpients, sub-recipients, or cor prior to award of any contract ex and date the form.		
1.	or contracting contractor by i. Contractor by ii. E iii. S iv. H	org opportunitie y either: Certifying as Re Employing Secti Subcontracting	s, in siden on 3	my past contracts wh It Owned Business (RC residents for at least 3 of the total dollar awa	en requal OB); or, 30% of to a	egulations, when triggered by nequired by the recipient, sub-recontrol, f the newly hired workforce; or, a qualified Section 3 Business; of the with Section 3 Residents of the sectio	ipient or	
	☐ Check this	box						
2.	I have never	done any HUD	fund	ed contracting.				
	☐ Check this	box						
3.	triggered because either there were no new hires on the contract(s) and/or I did not do any new contracting or subcontracting.							
	☐ Check this							
							=	
							-	
1111	c						_	



Required Submittal - Assurance of Compliance Certification Section 3 Action Plan Housing and Urban Development Act of 1968 (12 U.S.C. 1701 U)

Contract/Solicitation Name or Number:	
DCA Funding Program:	
Entity Receiving DCA Funding Award:	
Purpose : To ensure that regulations promulgated under 24 CFR Part 135 Employmen Opportunities for Businesses and Lower Income Persons in Connection with Assisted Projects at the Section 3 Policy of DCA, its recipients, sub-recipients and contractors to the greatest extereasible is adhered to, and to serve as the "assurance of compliance" certification and action plass required in the bid documents, supplemental general conditions, and required forms for the contract for any HUD work funded by DCA.	nd nt an
Description of the project's work detail: The project work will be as listed in the final scope of wo in the contract with DCA, its recipients, sub-recipients and contractors including any change orde List all known subcontractors below:	
Subcontractor(s):	
Use an additional sheet if required.	

Note: If subcontractors are unknown at this time, print UNKNOWN on the line above. Also, the contractor must notify DCA or recipient or sub-recipient if subcontractors are added or changed during the contract. Any changes to this certification requires a resubmission of this form to DCA or recipient or sub-recipient.



Preliminary Statement for Work Force Needs:

DCA intends to meet Section 3 compliance at the highest level and it is our intent to identify any short-term and long-term employment or contracting opportunities for qualified Section 3 persons and Business Concerns during the course of the contract funded by DCA via its recipients or sub-recipients and contractors. Please list the status of all planned employment positions and opportunities for this contract. Preference for all opportunities must be given to low and very low-income residents if they qualify. If awarded a contract, regardless of whether your firm has elected a preference, you are required to provide a list of your aggregate workforce on this project. Any changes to that workforce during the project will constitute NEW hires. You must notify DCA, its recipient, sub-recipient or contractor (respectively) overseeing your contract of any new hire opportunities that arise during the life of your contract. The anticipated workforce list may be provided on a separate sheet or in a different format.

Link All Francisco	<u>Date</u>	Section 3 Resident	Lab Tible /Tue de	Salary
List All Employees Name:	<u>Hired</u>	(Yes/No)	Job Title/Trade	Range
Address:				
City, ZIP:				
Name:				
Address:				
City, Zip Code:				
Name:				
Address:				
City, Zip Code:				
Name:				
Address:				
City, Zip Code:				

Use additional pages as needed.



"To the Greatest Extent Feasible":
The Contractor has identified # of OPEN positions with respect to this contract. The positions a filled by the (Position title) of the Contractor.
Should the scope of work or duties of the contractor change to a degree requiring a modification of t work force needs, the contractor shall put forth a reasonable effort to fill vacant positions with eligible Section 3 residents.
Documentation of "To the Greatest Extent Feasible":
The contractor will work with DCA, its recipients, sub-recipients, and contractors staff to not residents of any opportunities afforded under the contract. The contractor will partner with DCA, recipients, sub-recipients, and contractors by giving preference of any employment opportunities the Section 3 persons or businesses.
The contractor shall recruit or attempt to recruit from the Section 3 area the necessary number of location income and very low-income residents and Section 3 businesses, as applicable. The contractor must also document their recruiting efforts and any impediments to compliance with DCA's Section 3 policand the requirements of this solicitation package. This documentation must be submitted to the recipient or sub-recipient.
 DCA, its sub-recipients and contractors shall: Maintain a list of all low-income area resider who have applied, either on their own or from referral from any source, and employ su person if otherwise eligible and if a trainee vacancy exists. Conduct solicitation in accordance with DCA's Section 3 policy and the requirements outline in the solicitation package.
The contractor shall review all employment applications and determine if low-income and very logincome residents or Section 3 businesses meet minimum hiring or contracting qualifications. If the applicants meet such minimum qualifications, but are not hired due to lack of employment opportunities or for other reasons, they will be placed on a priority list and offered positions/contraction upon the occurrence of the first available appropriate opening.
Utilization of Section 3 Businesses Located Within the County:
The recipient, sub-recipient or contractor does does not intend to subcontract any of the wold identified in the scope of work cited in the bid specifications, scope of work or General Condition Should the scope of work or needs of the contractor change, the contractor shall, to the greatest exteres feasible, assure that subcontracts be awarded to business concerns within the Section 3 covered are or to business concerns owned in the substantial part (at least 51%) by persons residing in the Section 3 covered area.

Record Keeping:

The recipient, sub-recipient, contractor or subcontractor, as applicable, shall maintain on file all records related to employment and job training of low-income and very low-income residents or other such records, advertisements, legal notices, brochures, flyers, publications, assurances of compliance from sub-contractors, etc., in connection with this contract. If a report is needed in the future, the recipient,



sub-recipient, contractor or subcontractor, as applicable, agrees to provide all records upon request. The contractor shall, upon request, provide such records or copies of records to HUD, DCA, their recipients, sub-recipients, contractors, staff, or agents. Records shall be maintained for at least three (3) years after the close of the contract.

Reports:

The recipient, sub-recipient or contractor shall provide reports as required in connection with the contractor specifications. All certified and regular payrolls shall clearly detail which employees qualify under Section 3.

Certification:

The recipient, sub-recipient or contractor will certify that any vacant employment positions, including training positions that filled:

- 1) After the recipient, sub-recipient or contractor is selected but before the contract is executed, and
- 2) With persons other than those to who the regulations of 24 CFR Part 135 require employment opportunities to be directed, were not filled to circumvent the subcontractor's obligations under 24 CFR Part 135.

Grievance and Compliance:

The recipient, sub-recipient, contractor or subcontractor hereby acknowledges that they understand that any low-income and very low-income resident of the project area, for him/her or as representatives of persons similarly situated, seeking employment or job training opportunities in the project area, or any eligible business concerns seeking contract opportunities may file a grievance if efforts to the greatest extent feasible were not executed. The grievance must be filed with HUD not later than one hundred eighty (180) calendar days from the date of the action (or omission) upon which the grievance is based.

I attest that the information on the preceding pa	iges is true and correct.
Signature	Date
Print Name	
Title	

RESIDENT SECTION 3 SELF-CERTIFICATION AND SKILLS DATA FORM



The purpose of this form is to comply with HUD Section 3 administration and certification regulations.

I,		, am a	a legal resident of the United Sta	ates and meet the income
eligibility and federal	guidelines for a S	ection 3 Resident	as defined within this Certification	on.
My home address is:				
	Μι	ist be a Street add	ress not a P O Box #	Apt Number
City	State	Zip	Home #	Cell #
County of Residence				
Graduated High Scho	ool or GED (month	/year):	I Read and Speak English Fl	uently: Yes or No
Attended College, Tr	ade, or Technical	School: Yes or No	Graduated? Yes or No Yea	r Graduated:
□Drywall Hanging □HVAC □Siding □Stucco □Data Entry □Administrative □CDL License □Fencing	g □Dryy □Elec □Cab □Win Replac □Recc □Teac	wall Finishing trical inet Hanging dow/Door cement eptionist ching/Training	ou have been employed or contr Interior Painting Interior Plumbing Door Replacement Construction Cleaning Sales Personal Care Aide Concrete/Asphalt Work	racted to do for others: Framing Exterior Plumbing Trim/Carpentry Exterior Framing Telephone Customer Service Landscaping Heavy Equipment Operator
□Other ————			□Other — — —	
I am certifying as a So	ection 3 Resident:	☐ Person seekii	ng Training <u>or</u> \square Person	seeking employment
(Check all that apply)	:			
☐ <u>I am a public hous</u>	ing or section 8 Le	<u>easeholder</u>	☐ I live in the service area	
My total annual hous	sehold income is \$. т	There are a total of people	e living in my household.
may be disqualified as a employment, or contra annually, based on my	an applicant and/or cts that resulted fro total household size	a certified Section 3 om this certification. e as listed above is at	true and correct. If found to be inactification individual which may be grounds for attest under penalty of perjury that or below the income amount for the proof of this statement may be required.	r termination of training, t my total household income at specific size at the time of
 Signature			Date	
Printed Name:				



Purpose:

The purpose of Section 3 of the Housing and Urban Development of 1968 (12 U.S.C. 1701u) (Section 3) is to ensure that employment and other economic and business opportunities generated by HUD Financial Assistance shall be directed to the Authority Residents and other low- and very low-income persons, particularly those who are recipients of government housing assistance and to business concerns which provide economic opportunities to Residents and other low- and very low-income persons.

Section 3 resident means:

- (1) A public housing resident; or
- (2) An individual who resides in the metropolitan area or non-metropolitan county in which the section 3 covered assistance is expended, and who is:
 - I. A low-income person, as this term is defined in section 3(b)(2) of the 1937 Act (42 U.S.C. 1437a(b)(2)). Section 3(b)(2) of the 1937 Act defines this term to mean families (including single persons) whose incomes do not exceed 80% of the median family income for the area, as determined by the Secretary, with adjustments for smaller and larger families, except that the Secretary may establish income ceilings higher or lower than 80% of the median for the area on the basis of the Secretary's findings that such variations are necessary because of prevailing levels of construction costs or unusually high or low-income families; or
 - II. A very low-income person, as this term is defined in section 3(b)(2) of the 1937 Act (42 U.S.C. 1437a(b)(2). Section 3(b)(2) of the 1937 Act (42 U.S.C. 1437a(b)(2) defines this term to mean families (including single persons) whose incomes do not exceed 50% of the median family income for the area, as determined by the Secretary with adjustments made for smaller or larger families, except that the Secretary may establish income ceilings higher or lower than 50% of the median for the area on the basis of the Secretary's findings that such variations are necessary because of unusually high or low family incomes.
- (3) A person seeking the training and employment preference provided by section 3 bears the responsibility of providing evidence (if requested) that the person is eligible for the preference.

Service area means the geographical area in which the persons benefiting from the Section 3-covered project reside.

The figures below represent very low-income families; bottom figures represent low-income families. The most recent income limits established for each county may be found at:

http://www.hud.gov/offices/cpd/affordablehousing/programs/home/limits/income/.

Subrecipient or Contractor to Insert 2013 Income Limits for Project Location

FY 20XX Income Limit Area	Median Income	FY 20XX Income Limit Category	1 Person	2 Person	3 Person	4 Person	5 Person	6 Person	7 Person	8 Person
		Very Low (50%) Income Limits								
		Low (80%) Income Limits								



RESIDENT SECTION 3 SELF-CERTIFICATION AND SKILLS DATA FORM AFFADAVIT

STATE OF			
County of			
I,, a Nota State of, do hereby certify			
name is signed to the writing above bearing date 20, has acknowledged the same before me	e on the	Day of	
Given under my hand and official seal, this the	-		_·
Signature of Notary Public			
Printed Name of Notary Public			
Commission Expiration Date:			
(Notarial Seal)			



SECTION 3 BUSINESS CONCERN SELF CERTIFICATION

The Georgia Department of Community Affairs (DCA) is seeking to extend the benefits of and to promote compliance with Section 3 by identifying Section 3 Business Concerns and targeting Section 3 Business Concerns for business opportunities, events and educational programs.

In an effort to comply with Federal Section 3 Regulations which promote contract, employment and training opportunities for State of Georgia residents, DCA has instituted a Section 3 Self Certification process.

Businesses seeking certification must complete and submit the attached Section 3 Business Concern Self Certification forms as follow:

fyour company is qualified because it is owned (51% or more) by one or more Section 3 residents
hen complete Form A, "Section 3 Business Concern – Resident Business Owner(s) Verification";

2. If your company is qualified because 30% or more of its full time permanent workforce are Section 3 Residents*, then complete Form B, "Section 3 Business Concern – 30% + Workforce".

OR

OR

3. If more than 25% of all subcontract work to be awarded shall be performed by Section 3 business concerns as described above, then complete Form C, "Section 3 Business Concern-Subcontractor".

Please answer all questions, sign the completed forms, and notarize the affidavit.

Completed packets must be returned to the sub-recipient or contractor as follows:

Name of sub-recipient/contractor:	
Attn:	
Mailing Address:	
f you have any questions or require assistance, please contact:	
Name:	
Phone Number:	
Fmail Address:	



Form A SECTION 3 BUSINESS CONCERN Resident Business Owner(s) Verification

A business can be certified as a Section 3 Business Concern if the business is owned (51% or more) by Georgia Section 3 Resident(s).

	ner:	
Home Street	Address:	
Home City, C	ounty, & Zip Code:	
Name of Bus	iness:	
	of Ownership:%	
· ·	•	
Low- to – Me	oderate Income (80% of Median)	
		and income if your total household income is equal to or
	# of Persons in Household	n amount listed for your appropriate household size: Gross Household Income Maximum
CHECK DOX	1 Individual	Gross frouseriora meorite maximum
	2 Individuals	
	3 Individuals	
	4 Individuals	
	5 Individuals	
	6 Individuals	
	7 Individuals	
	8 Individuals	
		(Effective, 2013)
submit a sep	is is owned by more than one Section arate Resident Business Owner Ver ditional Section 3 Resident owners	
submit a sep	arate Resident Business Owner Ver	ification Form (Form A).
submit a sep Please list ad	ditional Section 3 Resident owners	of the business below:
submit a sep Please list ad	ditional Section 3 Resident owners	of the business below:
submit a sep Please list ad	ditional Section 3 Resident owners	of the business below:
Please list ad Name I certify that more than the	ditional Section 3 Resident owners Position I am a resident of the State of General owners of the amount shown above for my find the state of the	of the business below:



Form B SECTION 3 BUSINESS CONCERN 30% + Workforce

A business can be certified as a Section 3 Business Concern if at least 30% of its permanent, full-time employees are Section 3 residents, or were Section 3 residents within three years of the date of the first employment with the business. You may also certify as a Section 3 Business Concern if, for this award, you will hire Section 3 residents for at least 30% of your permanent, full-time employees for this specific project. For your firm to be eligible UNDER THIS CRITERIA, you must provide the following information for all permanent, full-time employees.

You may attach additional copies of this chart, if necessary.

List All Employees	Date Hired	Section 3 Resident	Job Title/Trade	Salary Range
Name:				
Address:				
City/Zip:				
Name:				
Address:				
City/Zip:				
Name:				
Address:				
City/Zip:				
Name:				
Address:				
City/Zip:				
Name:				
Address:				
City/Zip:				
Total Number of Employees:	Full-Time:	Part-Time:	Contract:	
Number of Section 3 Residents:			1	1
Section 3 % of Total Workforce:				
I certify that the information provided the comments verifying the information of the comment of	n submitted to	qualify as a Section 3 Bu	•	t, any/all
Print Name:				
Title:				
Company Name:				
Signature:				
Date:				



Form C SECTION 3 BUSINESS CONCERN Subcontractor Awarded

A business can be certified as a Section 3 Business Concern if the firm makes a commitment to subcontract in excess of twenty-five percent (25%) of the total amount of subcontracts to be awarded to: A) Section 3 Resident Owned Businesses; or B) Businesses for which 30% or more of their permanent full-time workforce is comprised of Section 3 Residents.

List all work performed by Section 3 Business Concerns Identified (This Form is to be updated as Section 3 Business Concerns are awarded through the completion of the project):

Name of Business	Qualifying Conditions	Total Contract Award

All identified Section 3 Business Concerns listed above are required to complete a Section 3 Self Certification Application (Forms A – C as appropriate) or provide proof of Section 3 Certification status. Attach all required documents to this form.

I certify that the information provided is true and accurate and agree to provide upon request, any/all documents verifying the information submitted to qualify as a Section 3 business concern.

Print Name:	 	
Title:		
Company Name:		
Signature:	 _	
Date:		

CHECKLIST FOR SUBMITTING PROPOSAL Chatham Homes, Single-Family Housing Project Bid No. (CHIP2017-110)

Sign below and submit this sheet with your proposal

NOTE: All of the following items must be submitted with your proposal to be considered "responsive". Remember to follow the Instructions in the RFP Documents.

COMPLETE AND SUBMIT ALL ATTACHMENTS TO THE PROPOSAL:	
A. HUD SPECIAL TERMS AND CONDITIONS ACKNOWLEDGEMENT B. BID CERTIFICATION FORMS (2) C. BID AND PROPOSAL RESPONSE FORM LOT 1 D. BID AND PROPOSAL RESPONSE FORM LOT 2 E. BID AND PROPOSAL RESPONSE FORM SITE DEVELOPMENT F. COMPLETED SECTION 3 PACKET G. INSURANCE H. DETAILED COST PER PROJECT SPREADSHEET I. STATEMENT OF QUALIFICAITONS J. CHECKLIST	000000000
NAME/TITLE:	
COMPANY NAME:	
SIGNATURE:	