8 INCH BLOCK FOUNDATION WALL 5LAB OTE ;
CONTRACTOR TO LOCATE INTERIOR LOAD POINTS
AND DESIGN FOOTINGS ACCORDINGLY 4 INCH 3000 PSI RAISED CONCRETE ON COMPACTED FILL MINUS 4 IN, FOUNDATION
1/4 INCH SCALE SLAB ON GRADE 8 INCH BLOCK FOUNDATION WALL

<u>Z</u> 0

NOTE;
IF THIS DISCLAIMER IS NOT RED IN COLOR AND SIGNED BY GREG JOHNSON ---- THEN IT IS FOR REVIEW, BIDDING PURPOSES ONLY, THESE PLANS HAVE NOT BEEN RELEASED FOR PERMIT OR CONSTRUCTION, AND ARE SUBJECT TO THE APPROPRIATE COPYRIGHT LAWS, ALL ASSOCIATED WIND AND STRUCTURAL DESIGN IS NULL AND VOID, NO BUILDING PERMIT SHOULD BE ISSUED FOR THESE PLANS,

AGGREGATE SERVICES INC.

CONTRACTOR TO VERIFY ALL

PIMENSIONS AND LOCAL

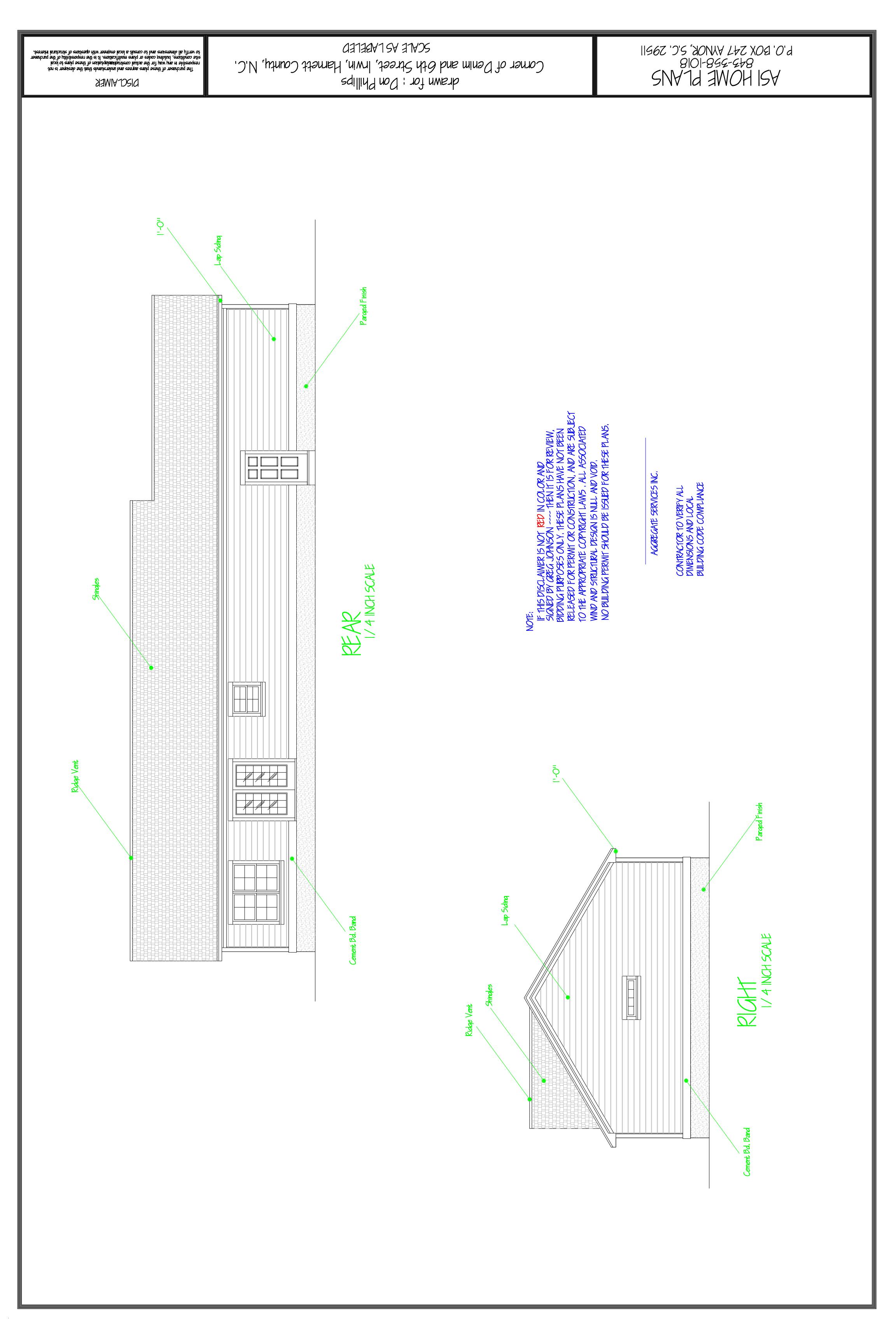
BUILDING COPE COMPLIANCE

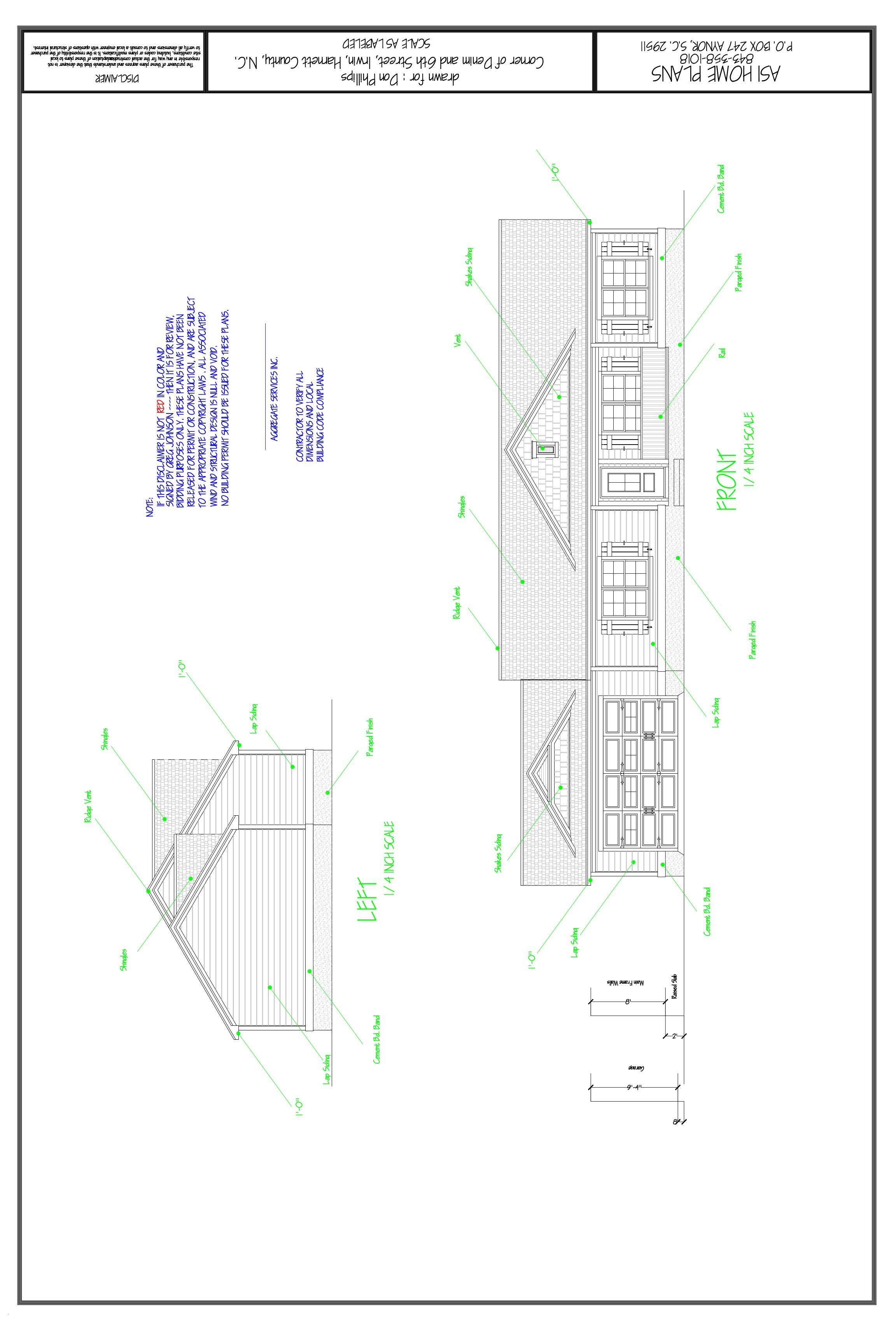


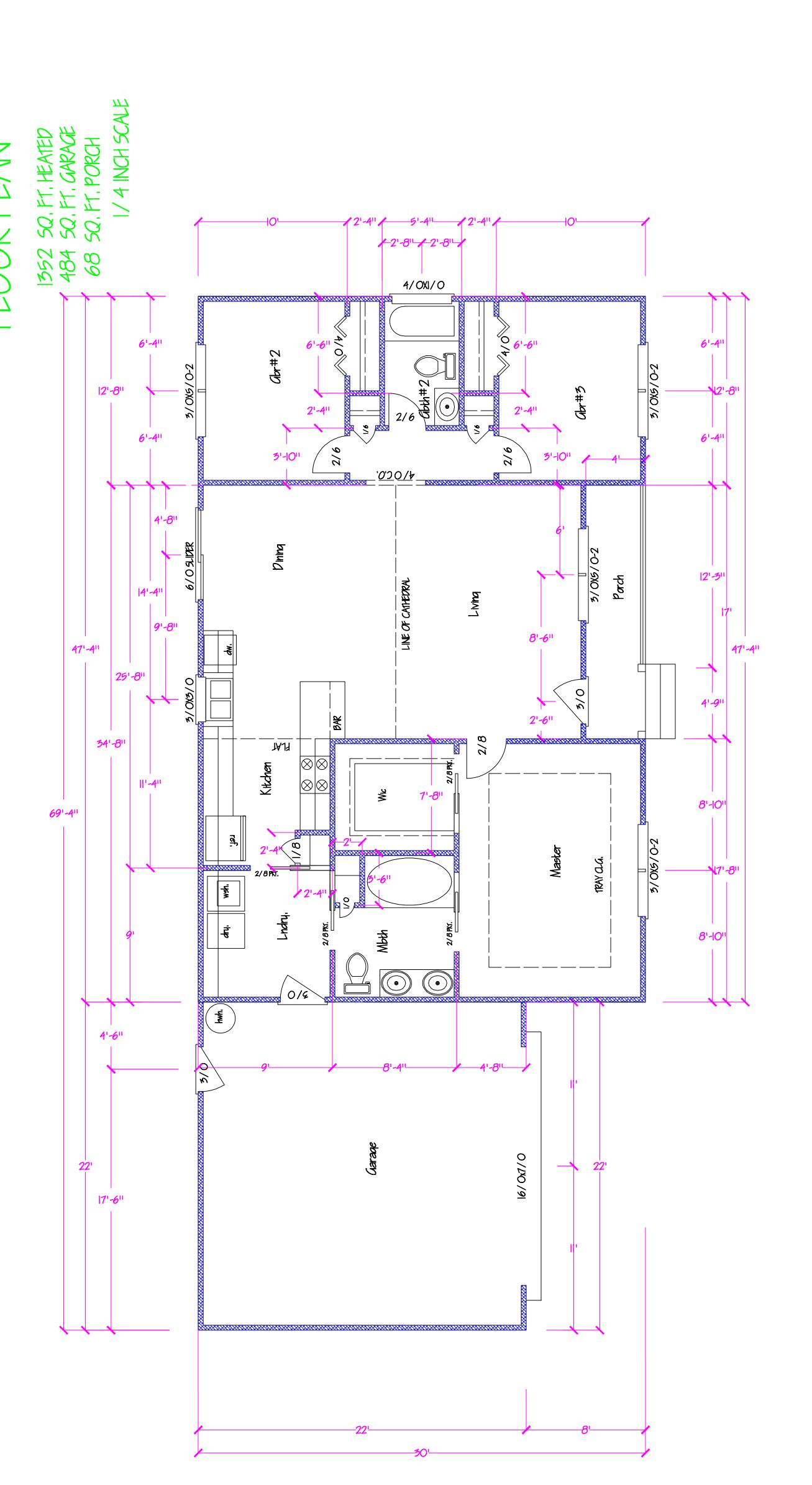
The purchaser of these plans agrees and understands that the designer is not responsible in any way for the actual constructionshaptation of these plans to local site conditions, building codes or plans modifications. It is the responsibility of the purchaser to vertify all dimensions and to consult a local engineer with questions of structural interest.

drawn for : Don Phillips
Corner of Denim and 6th Street, Irwin, Harnett County, N.C.

1962 'D'S 'AONA LAZ XOEI 'O' d 842-228-1018 SNY 14 JWOH ISY





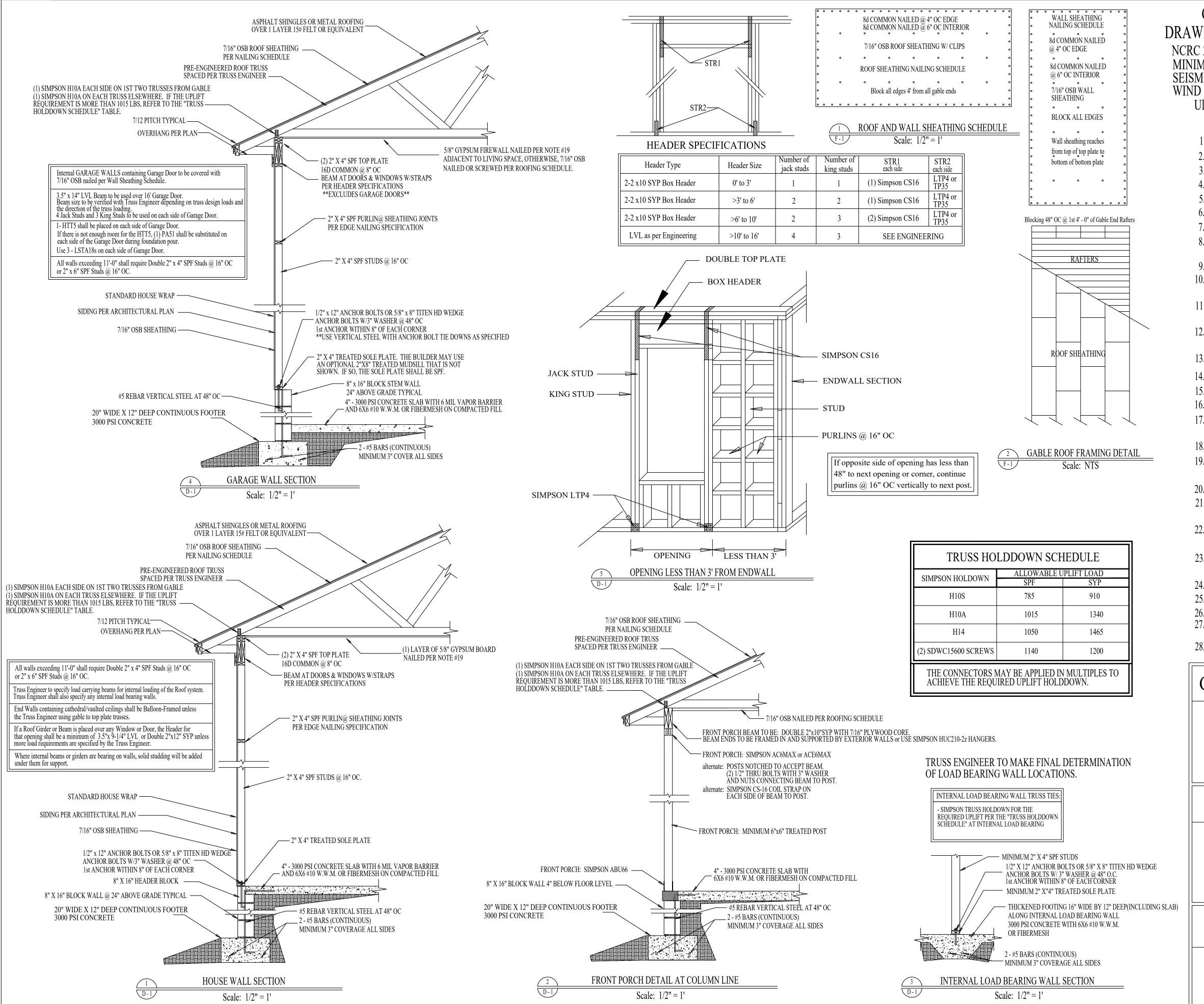


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AGGREGATE SERVICES INC.

CONTRACTOR TO VERIFY ALL PIMENSIONS AND LOCAL BUILDING CODE COMPLIANCE

SCALE AS LABELED drawn for : Don Phillips Corner of Denim and 6th Street, Irwin, Harnett County, N.C. 1962 'D'S 'AONNA 775 XOEI 10,9 845-558-1018 SNAJ9 JMOH 12A



General Notes/Remarks/Assumptions

DRAWINGS AND SPECIFICATIONS CONFORM TO:

NCRC 2018 and ICC 2015
MINIMUM WINDOW RATING: DP35
SEISMIC REQUIREMENTS FOR ZONE C
WIND EXPOSURE CATEGORY: B

Ultimate Wind Speed - 120 MPH(3 second gusts) Floor Live Load --- 40# PSF

- Roof Live Load --- 20# PSF

 1. Any variations from these plans should be referred to the Engineer.
- 2. All building materials shall conform to existing local building codes.
- 3. All cross-sections, drawings and tables are typical for similar locations where applicable.
- 4. All dimensions are to be derived from the architectural plans unless otherwise noted on this drawing.
- 5. Contractor is responsible for adequate construction bracing and any failures due to lack of it.6. Refer to architectural plans and current code requirements for details not stated in this drawing.
- 7. No non-standard load(such as equipment, etc.) shall be applied unless otherwise noted in these drawings.
- 8. All materials for headers and bracing to be #2 SYP @ 19% MC, all wood members in contact with masonry or concrete to be pressure treated .25 CCA.
- 9. All wood members for studs, bracing, purlins, and plates to be #2 SPF @ 19 MC.
- 10. Footing design is based upon 2000 PSF soil bearing pressure, all footings shall rest upon solid bearing materials.
- 11. All footing and foundation wall reinforcement to be of ASTM A-615 Grade 60 Steel.
- 12. Concrete units are typically lightweight concrete conforming to ASTM C-90, Type 1, Grade N-1, pumice or expanded slag. All mortar to be Type S.
- 13. All fill material shall be compacted to 95% of of Standard Proctor.
- 14. Remove all foreign material from footing pad and foundation(roots and other debris).
- 15. Manufactured roof trusses shall be installed according to manufacturer's specifications.
- 16. All materials below BFE shall be of flood resistant treated type.
- 17. Sheathing nails shall be .131" shank diameter, (8d common nails) or or .148" shank diameter, (10d common nails) as specified.
- 18. Details not included in these drawings shall be governed by current applicable local building codes.
- 19. Ceiling diaphragm shall be 5/8" thick gypsum nailed with 5d nails spaced at 7" on the edges and 10" on the interior. Screws can also be used as substitute for nails.
- 20. Nailing for the double top plate shall be 16d common nails staggered @ 8" OC.
- 21. Foundation anchors to be within 12" of each sill plate section end and within 12" of each intersection of interior load bearing wall and exterior wall.
- 22. All internal load bearing walls on raised or monolithic slabs to have a continuous thickened footing per section specification.
- 23. All double top plates and sill plates to be #2 SPF.
- If contacting cement or masonry, plates to be pressure treated per note #8.
- 24. All structural storm panels made for all windows to meet IRC R301 code.
- 25. All masonry cells containing reinforcement or anchor bolts shall be grouted solid.
- 26. Floor sheathing to be 3/4" T&G glued and nailed at 6" OC @ edges and 12" OC at interior.
- 27. All metal connectors in contact with pressure treated or ACQ wood products must be ZMAX coated or galvanized.
- 28. All window protection panels shall be 7/16" OSB fastened per Table R301.2.1.2 of the IRC 2015.

GABLE END WALL TO CEILING CONNECTION

Anchor gable truss to top plate of gable end wall with HGA10 @48" OC, apply 2X4X8' strut across bottom chords of 4 trusses @ 48" OC across gable, and nail to each bottom chord with 2 10d common nails.

Alternate: Nail 2' of Simpson Coil strap on the roof rafter ceiling struts, extend the coil strap over the gable truss, through the wall OSB, and down the outside of the wall stud @48" OC.

CORNER HOLD DOWN DEVICE

1/2" x 12" anchor bolt or 5/8" x 8" Titen HD wedge anchor bolt with 3" washer on each within 8" of each corner.

**SEE GARAGE WALL SECTION detail for garage door holddowns.

REINFORCING

Grade 60 #5 rebar @ 48" OC vertical reinforcing tied to foundation rebar. Extend vertical steel minimum to top of stem wall. Bend vertical steel into monolithic slab.

Revision:

of

10/

local Revisi

Contractor to verify a dimensions and local uilding code complian

165 Everett Place Britton's Neck, SC 29546 843-362-2027 (office) 843-283-2000 (cell)

Don Phillips
Corner of Denim and 6th Street
Hartnett County
Erwin, NC
TRUCTURAL DESIG

Prepared For:



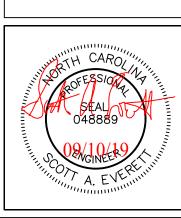
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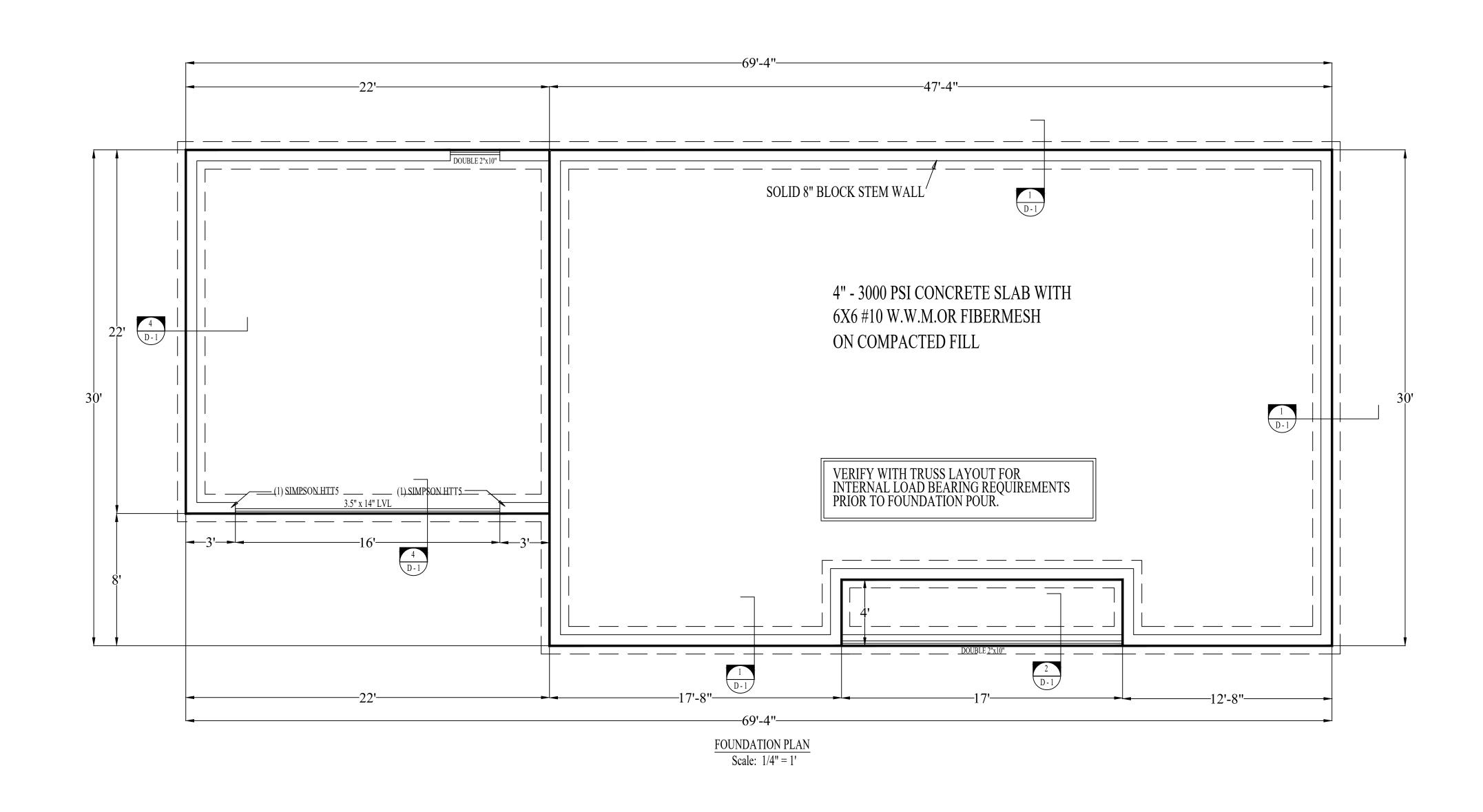
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Sheet 2

STRUCTUR





ALL DIMENSIONS TO BE VERIFIED WITH ARCHITECTURAL PLAN.

VERIFY WITH TRUSS ENGINEER FOR FOUNDATION INTERNAL LOADING LOCATIONS. NO INTERNAL LOADING LOCATIONS ARE SHOWN ON THIS FOUNDATION PLAN, BUT DEPENDING ON THE TRUSS DESIGN, SOME MAY BE REQUIRED. CONSTRUCT LOAD BEARING FOOTING PER DETAIL 3/D-1.

FOUNDATION REPRESENTS OUTSIDE WALL DIMENSIONS