

ASI HOME PLANS
845-358-1018
P.O. BOX 247 AMOR, S.C. 29511

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

DISCLAIMER
The purchaser of these plans agrees and understands that the designer is not responsible in any way for the construction of these plans to local building codes or other regulations. It is the responsibility of the purchaser to verify all dimensions and to consult a local engineer with questions of structural interest.

NOTICE TO CONTRACTOR
All construction must comply with current NC Building Codes and is subject to field inspection and verification.

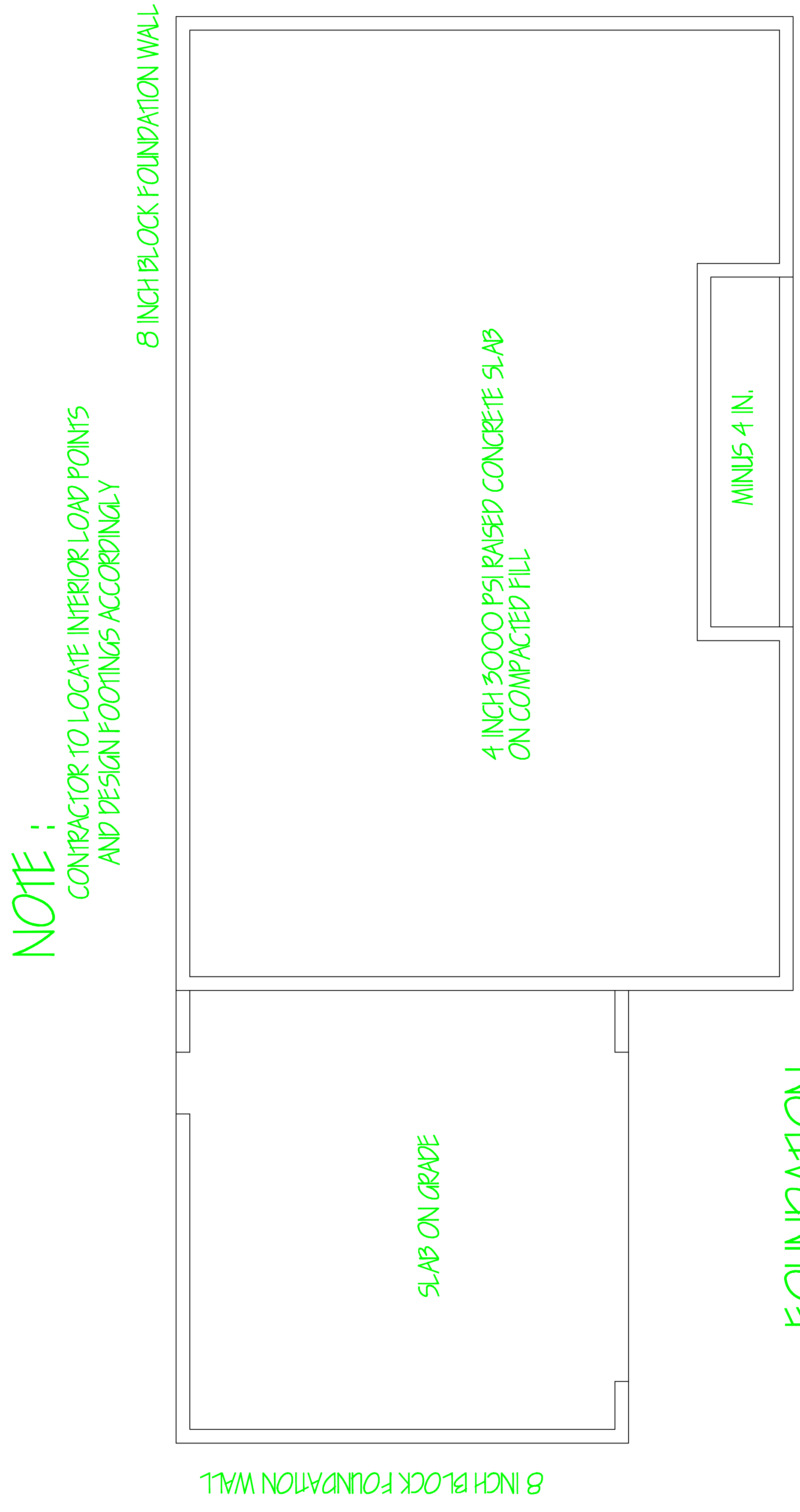
APPROVED
Limited building only review
Permit holder responsible for full compliance with the code

05/18/2021

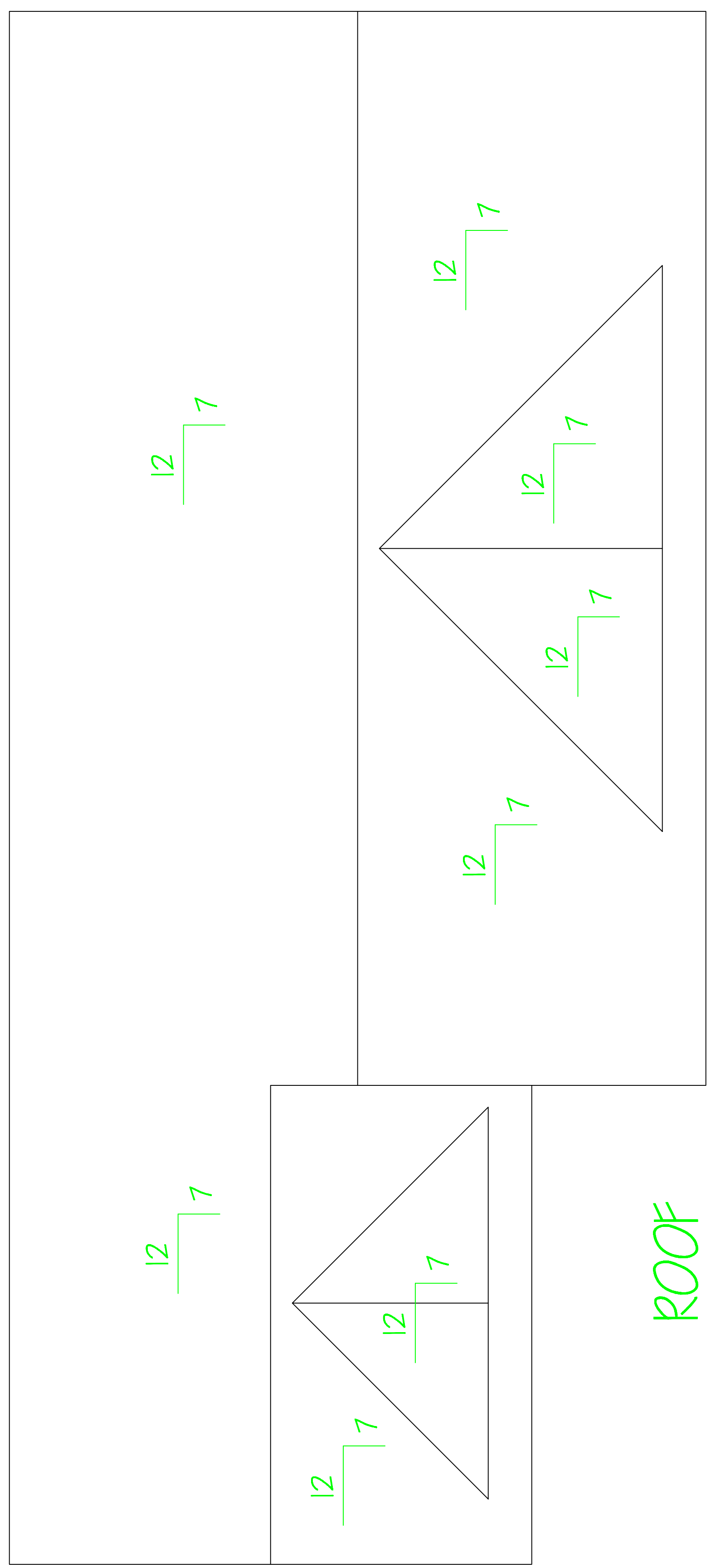


NOTE:
IF THIS DISCLAIMER IS NOT ~~RED~~ IN COLOR AND SIGNED BY GREG JOHNSON ---- THEN IT IS FOR REVIEW, BIDDING PURPOSES ONLY. THESE PLANS HAVE NOT BEEN RELEASED FOR PERMIT OR CONSTRUCTION, AND ARE SUBJECT TO THE APPROPRIATE COPYRIGHT LAWS. ALL ASSOCIATED WIND AND STRUCTURAL DESIGN IS NULL AND VOID.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

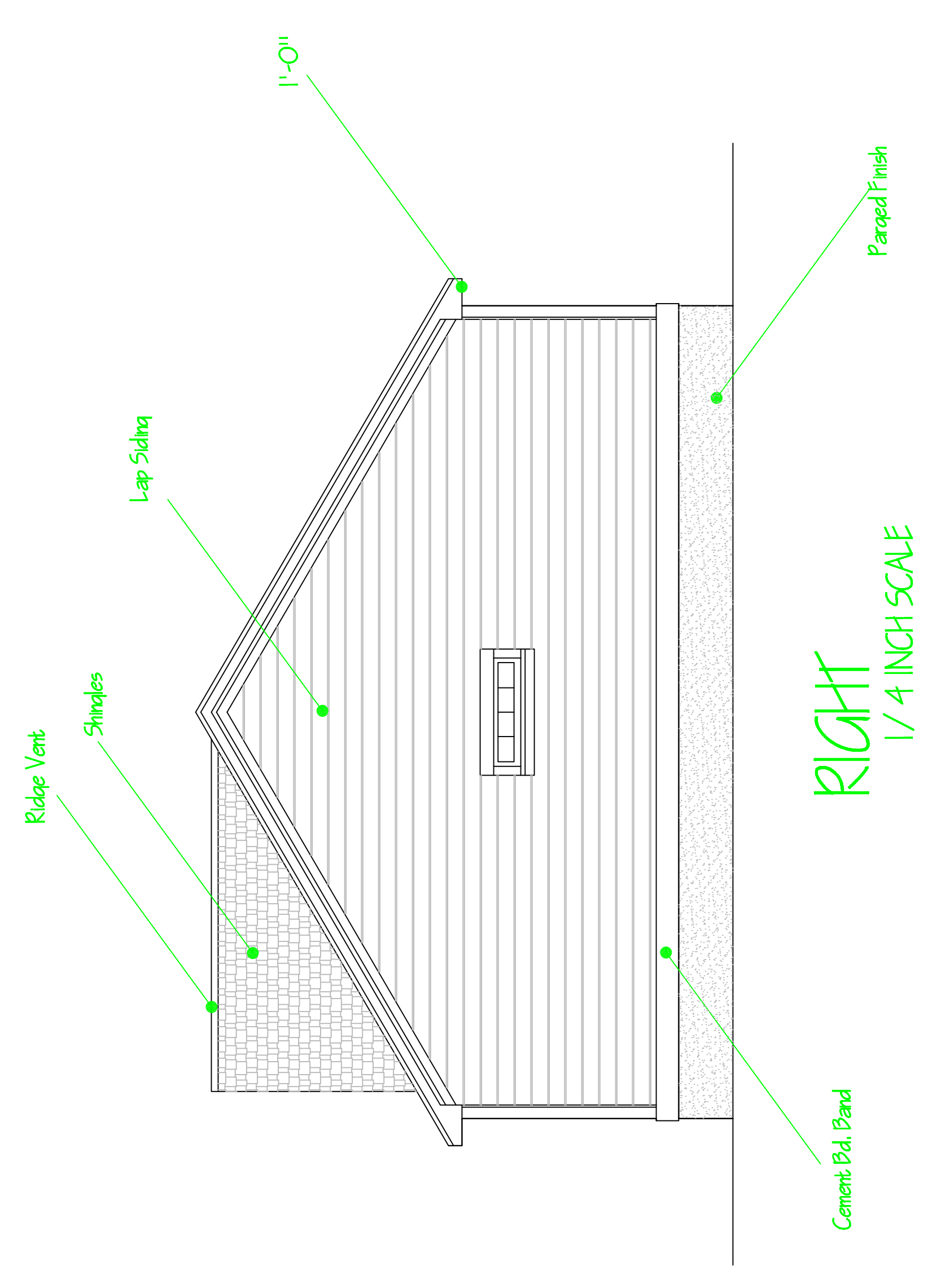
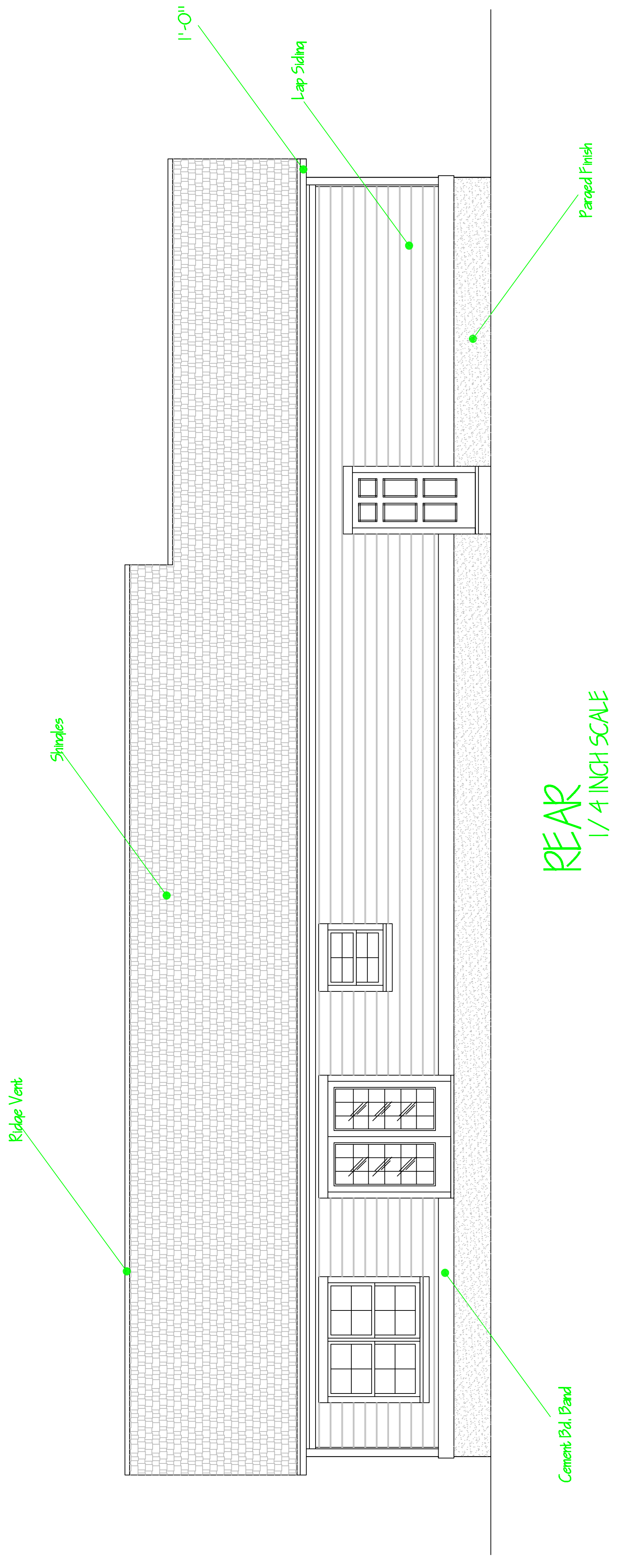
AGGREGATE SERVICES INC.
CONTRACTOR TO VERIFY ALL DIMENSIONS AND LOCAL BUILDING CODE COMPLIANCE



FOUNDATION
1/4 INCH SCALE



ROOF
1/4 INCH SCALE



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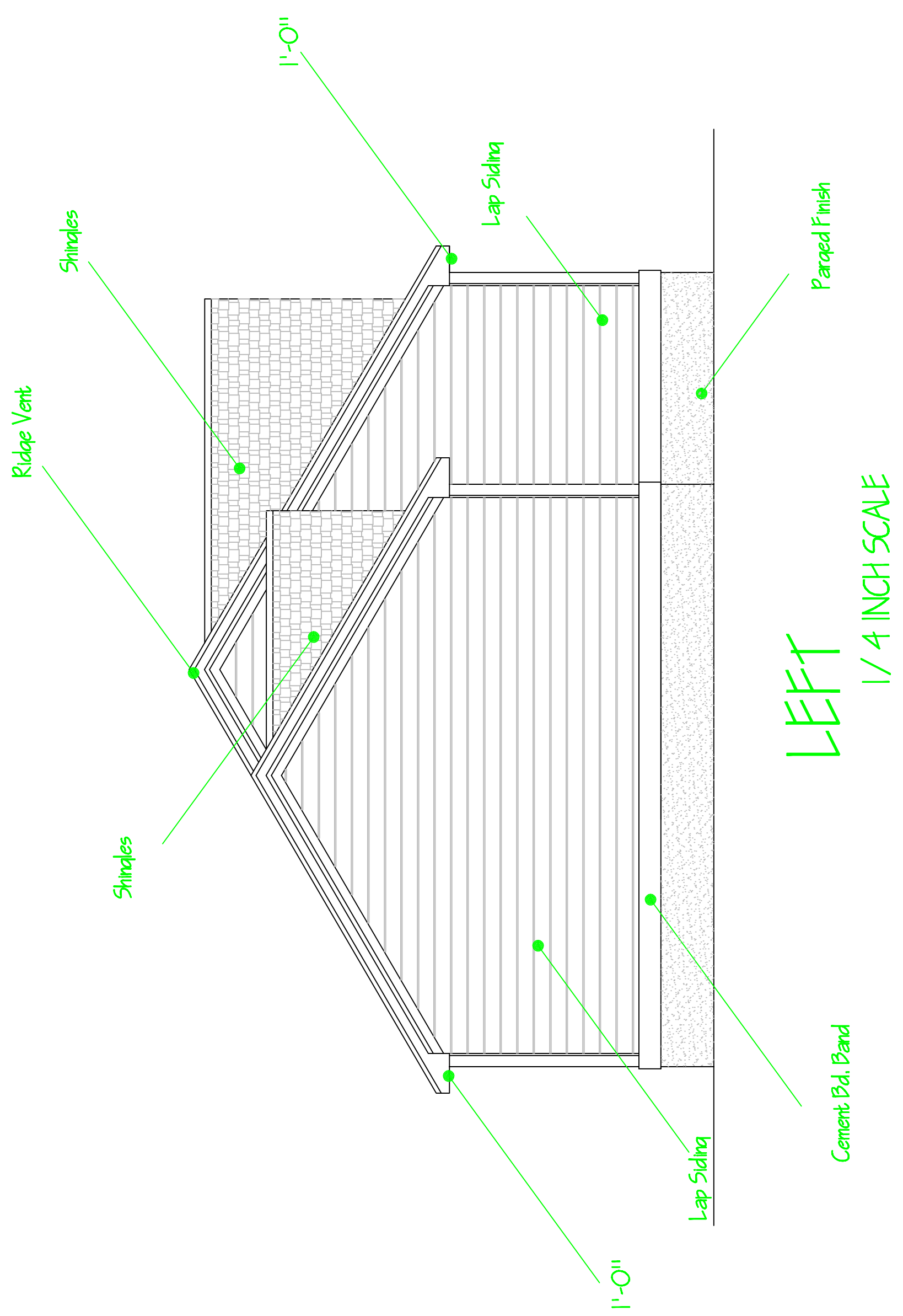
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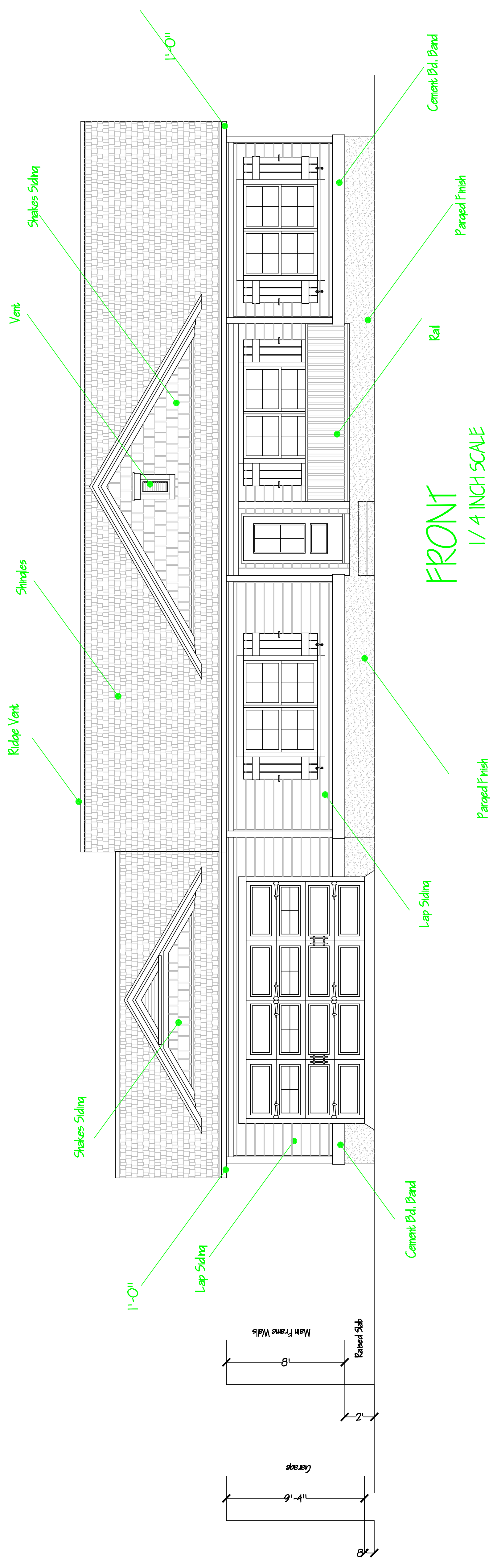
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LEFT
 1/4 INCH SCALE



FRONT
 1/4 INCH SCALE

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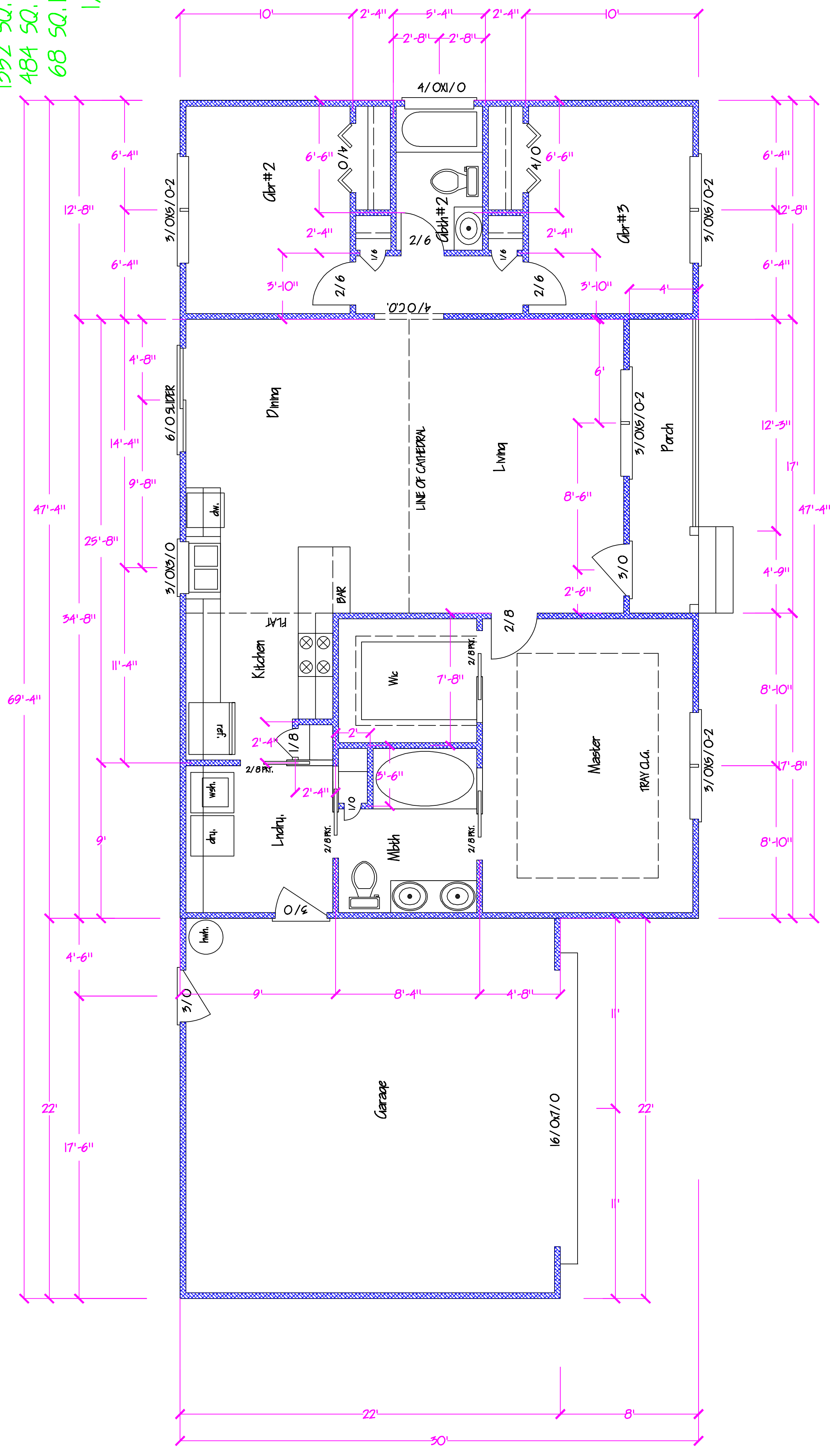
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FLOOR PLAN

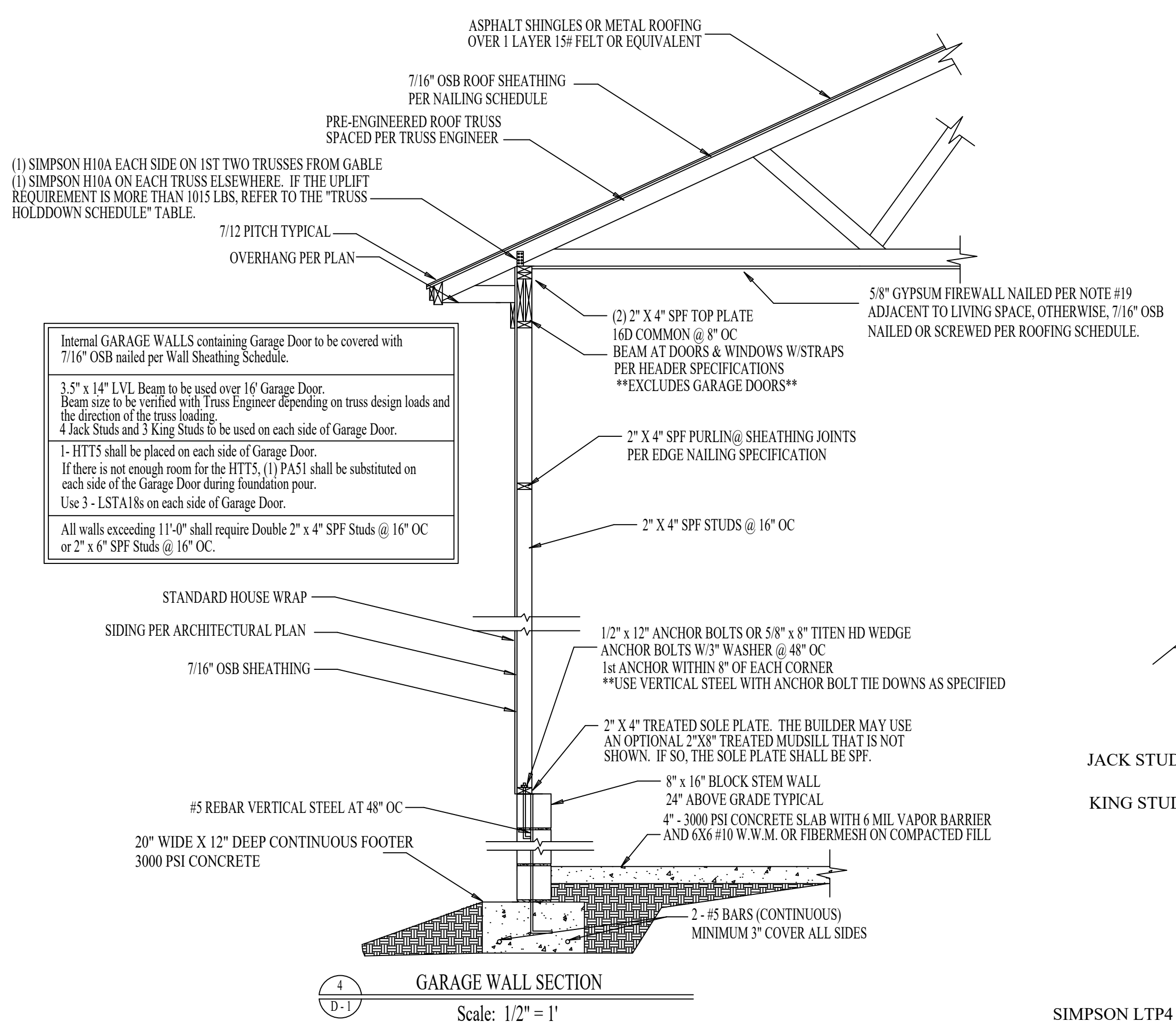
1352 SQ. FT. HEATED
 484 SQ. FT. GARAGE
 68 SQ. FT. PORCH
 1/4 INCH SCALE



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Internal GARAGE WALLS containing Garage Door to be covered with 7/16\"/>

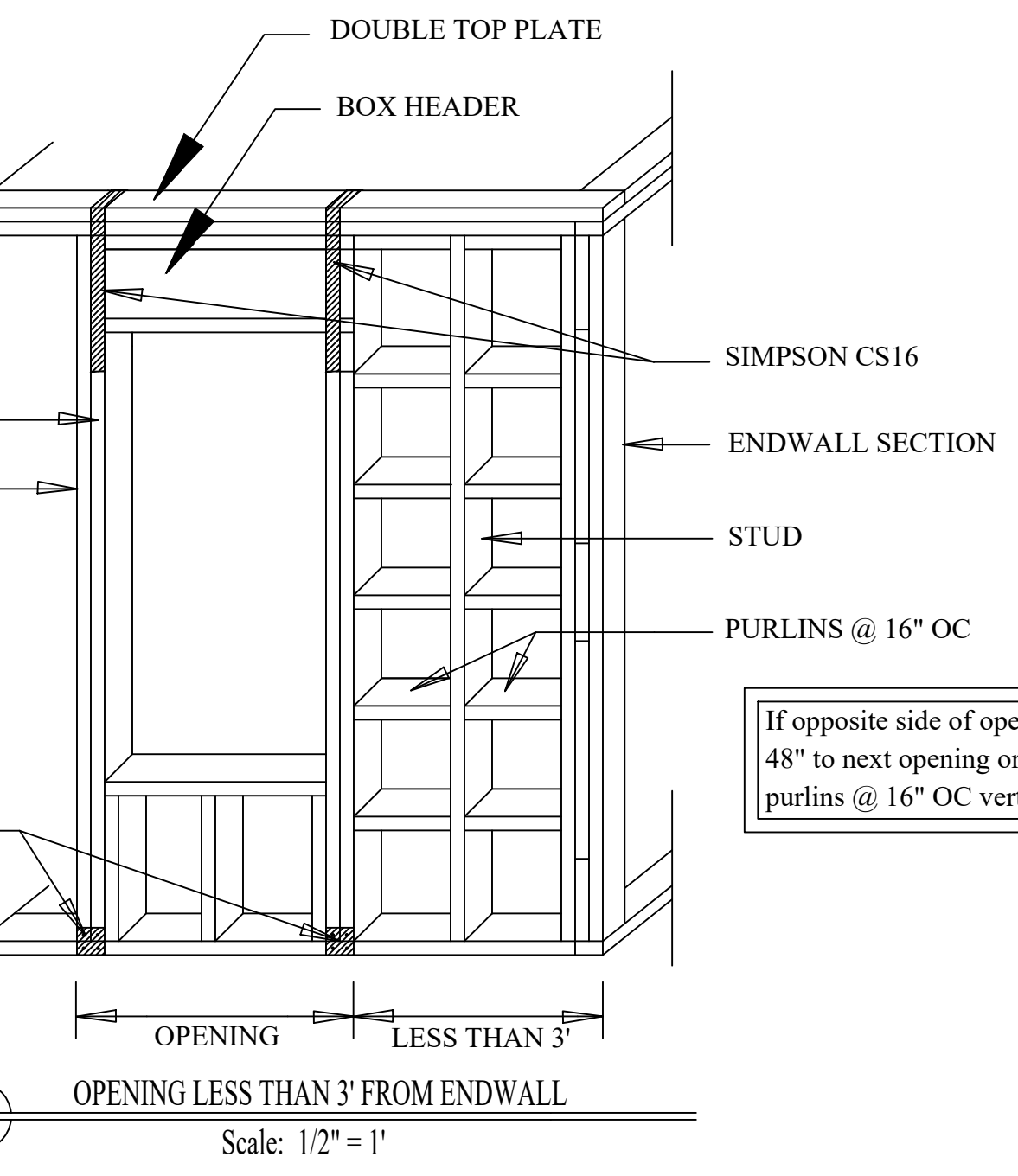
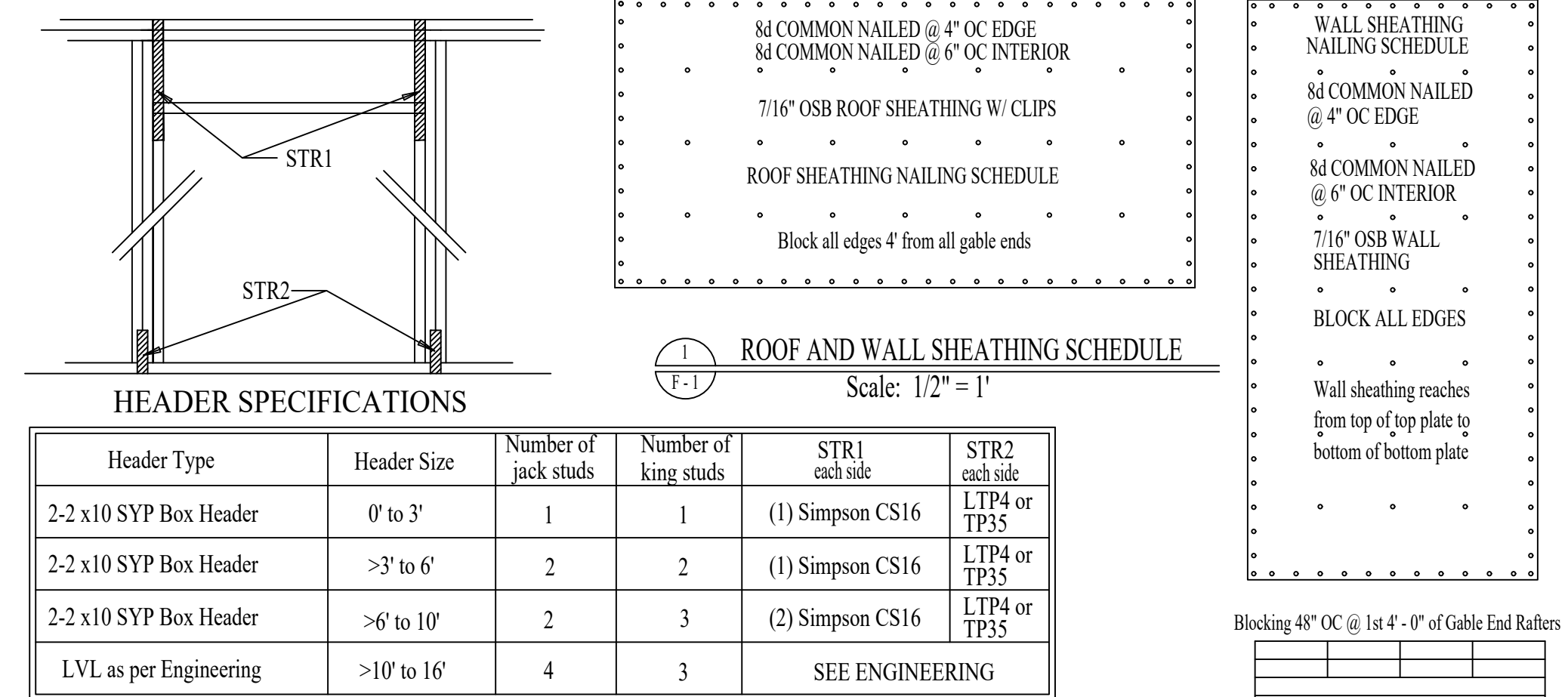
3.5\"/>

4 Jack Studs and 3 King Studs to be used on each side of Garage Door.

1- HTTS shall be placed on each side of Garage Door. If there is not enough room for the HTTS, (1) PAS1 shall be substituted on each side of the Garage Door during foundation pour. Use 3 - LSTA18s on each side of Garage Door.

All walls exceeding 11'-0\"/>

4
D-1
GARAGE WALL SECTION
Scale: 1/2\"/>

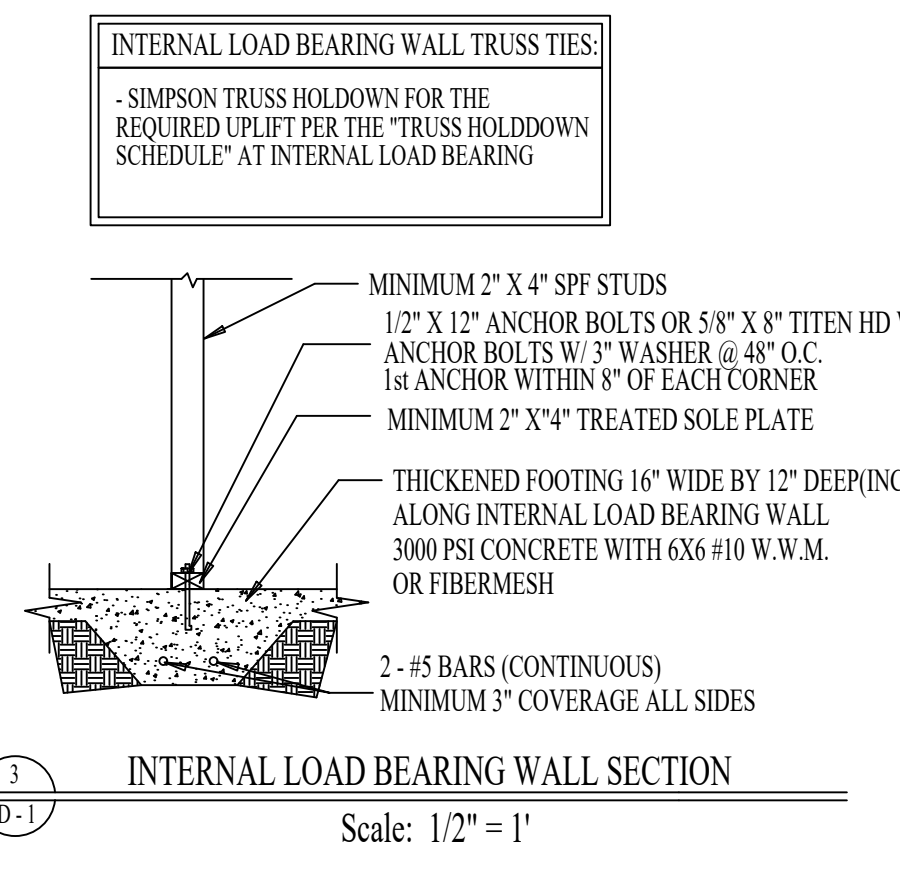


5
D-1
OPENING LESS THAN 3' FROM ENDWALL
Scale: 1/2\"/>

SIMPSON HOLDOWN	ALLOWABLE UPLIFT LOAD	
	SPF	SYP
H10S	785	910
H10A	1015	1340
H14	1050	1465
(2) SDWC15600 SCREWS	1140	1200

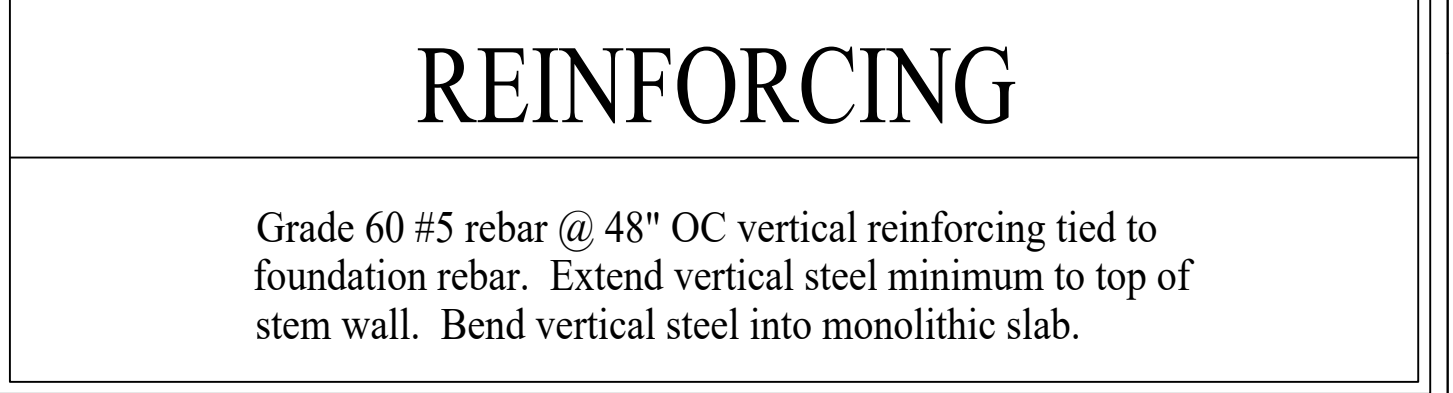
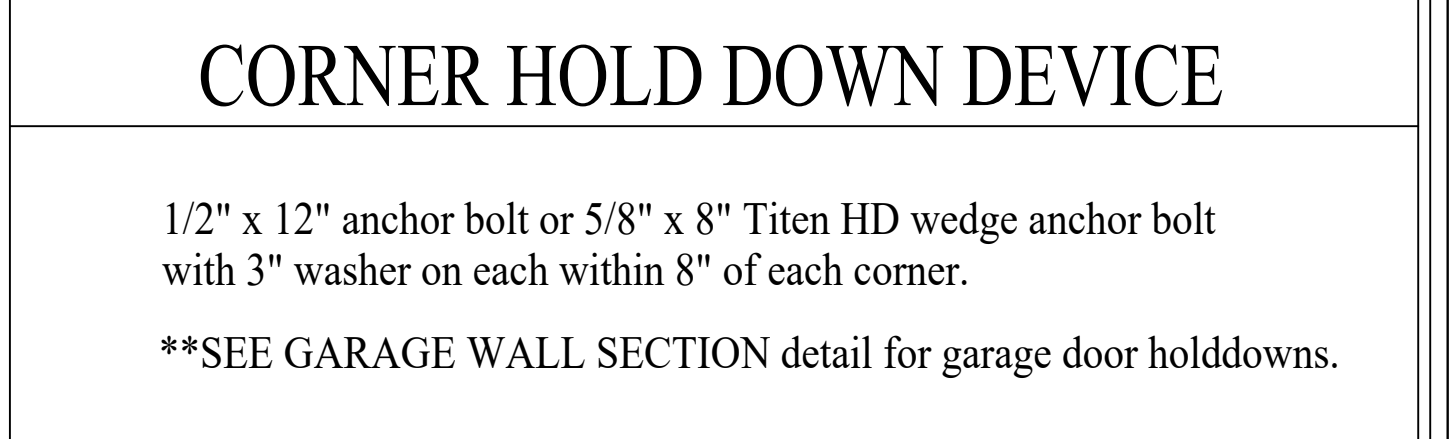
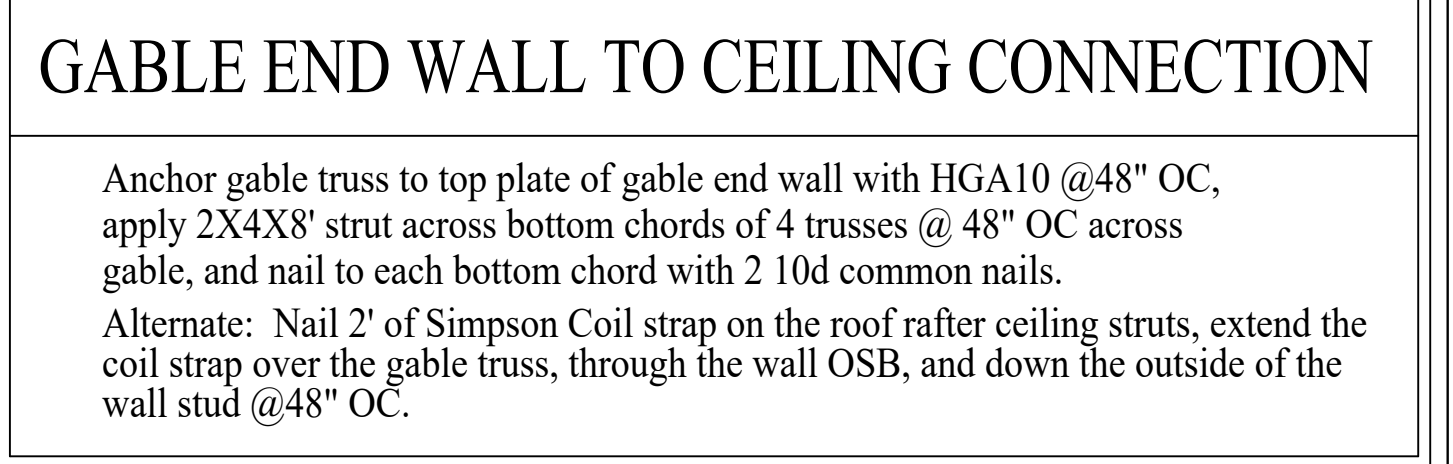
THE CONNECTORS MAY BE APPLIED IN MULTIPLES TO ACHIEVE THE REQUIRED UPLIFT HOLDDOWN.

TRUSS ENGINEER TO MAKE FINAL DETERMINATION OF LOAD BEARING WALL LOCATIONS.



3
D-1
INTERNAL LOAD BEARING WALL SECTION
Scale: 1/2\"/>

- ### General Notes/Remarks/Assumptions
- DRAWINGS AND SPECIFICATIONS CONFORM TO:**
 NCR 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
- Any variations from these plans should be referred to the Engineer.
 - All building materials shall conform to existing local building codes.
 - All cross-sections, drawings and tables are typical for similar locations where applicable.
 - All dimensions are to be derived from the architectural plans unless otherwise noted on this drawing.
 - Contractor is responsible for adequate construction bracing and any failures due to lack of it.
 - Refer to architectural plans and current code requirements for details not stated in this drawing.
 - No non-standard load(such as equipment, etc.) shall be applied unless otherwise noted in these drawings.
 - 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.
 - All wood members for studs, bracing, purlins, and plates to be #2 SPF @ 19 MC.
 - Footing design is based upon 2000 PSF soil bearing pressure, all footings shall rest upon solid bearing materials.
 - All footing and foundation wall reinforcement to be of ASTM A-615 Grade 60 Steel.
 - Concrete units are typically lightweight concrete conforming to ASTM C-90, Type I, Grade N-1, pumice or expanded slag. All mortar to be Type S.
 - All fill material shall be compacted to 95% of Standard Proctor.
 - Remove all foreign material from footing pad and foundation (roots and other debris).
 - Manufactured roof trusses shall be installed according to manufacturer's specifications.
 - All materials below BFE shall be of flood resistant treated type.
 - Sheathing nails shall be .131\"/>
 - Details not included in these drawings shall be governed by current applicable local building codes.
 - Ceiling diaphragm shall be 5/8\"/>
 - Nailing for the double top plate shall be 16d common nails staggered @ 8\"/>
 - Foundation anchors to be within 12\"/>
 - All internal load bearing walls on raised or monolithic slabs to have a continuous thickened footing per section specification. If contacting cement or masonry, plates to be pressure treated per note #8.
 - All structural storm panels made for all windows to meet IRC R301 code.
 - All masonry cells containing reinforcement or anchor bolts shall be grouted solid.
 - Floor sheathing to be 3/4\"/>
 - All metal connectors in contact with pressure treated or ACQ wood products must be ZMAX coated or galvanized.
 - All window protection panels shall be 7/16\"/>



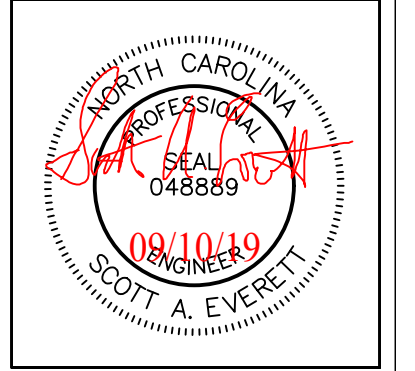
Date: 09/10/19
 Revision:
 Sheet 1 of 2

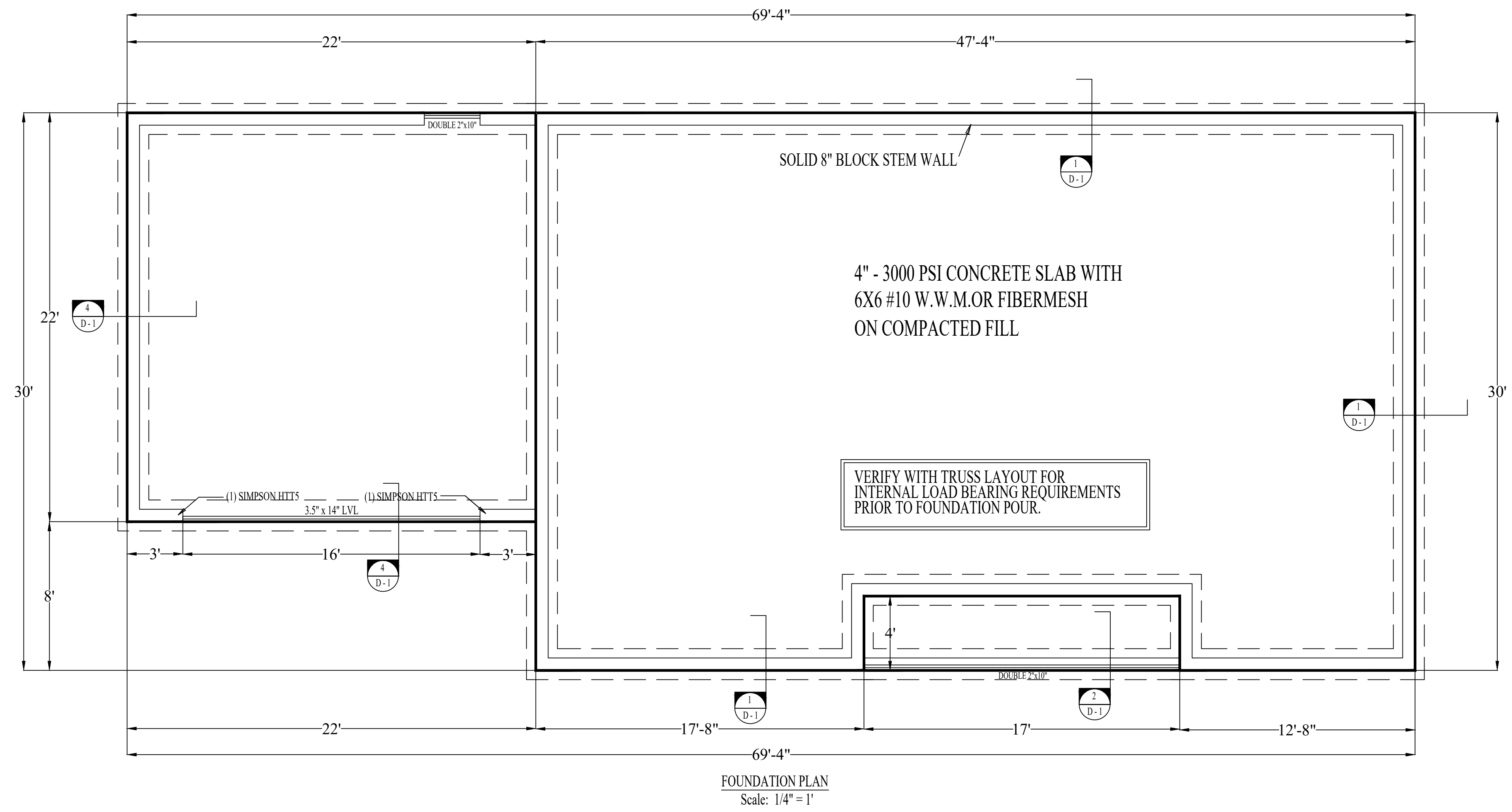
NOTE:
 Contractor to verify all dimensions and local building code compliance.

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

Prepared For:
 Don Phillips
 Corner of Denim and 6th Street
 Hartnett County
 Erwin, NC

STRUCTURAL DESIGN





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

Date: 09/10/19

Revision:

Sheet 2 of 2

NOTE:
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