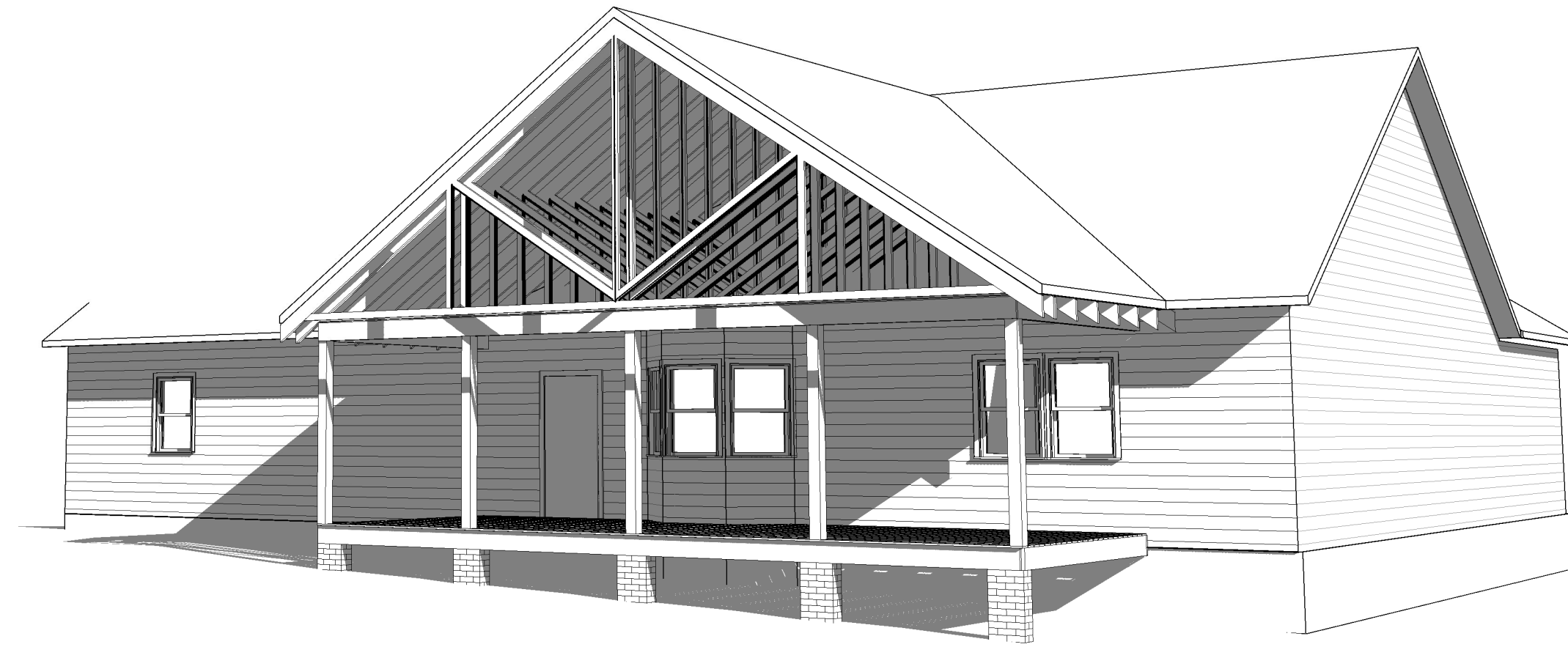


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I CERTIFY THAT THE CONSTRUCTION EXHIBITS FOR (IDENTIFICATION OF THE PROPERTY BY HOUSE TYPE, LOT, LOCK, SUBDIVISION NAME, AND SO ON) MEET ALL LOCAL CODE REQUIREMENTS AND ARE IN SUBSTANTIAL CONFORMITY WITH BOTH SAH AND VA MINIMUM PROPERTY REQUIREMENTS. ALL BUILDING STANDARDS AS SET FORTH BY THE INTERNATIONAL CODE COUNCIL (ICC) AND FEDERAL SAFE DRINKING WATER PLUMBING STANDARD.



1 3D View - Front

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

04/07/2021

DESIGNED BY:
TIMOTHY PEPPERS JR.
RESIDENTIAL DESIGN
CONSULTANT

CAMERON
NORTH CAROLINA
(910) 644-4587

PROPERTY OF TPJR
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General Notes:

1. Design Loads: Local
2. Materials
 - A. Brick Face Brick Standard: ASTM C216-84, Grade SW. Brick type and color to be chosen by owner.
 - B. Mortar ASTM C270, Type S. Mortar style and color consult owner. Do not use calcium chloride in mortar.
 - C. Brick Ties ASTM A82 steel wire, hot dip galvanized after fabrication to ASTM A 153/A 153M, Class B
 - D. Insulation ASTM C665; pre-formed glass fiber batt (R-19)
 - E. Wood Framing No. 2 Southern Pine
 - F. Waterproofing #15 asphalt felt
 - G. Roof Shingles Match existing
3. Masonry
 - A. Install mortar in accordance with premix mortar instructions or in accordance with ASTM C780.
 - B. Clean mortar off exposed finished surfaces immediately following placement.
 - C. Conform to the applicable code requirements for masonry construction and guidelines outlined by the Brick Institute of America.
 - D. Provide brick ties.
 - E. Cut masonry units with motor-driven saws to provide clean, sharp, unchipped edges.
 - F. Prepare masonry surfaces so they are smooth and free from projections that could puncture flashing. Place through-wall flashing on sloping bed of mortar and cover with mortar. Seal penetrations in flashing with adhesive/sealant/tape as recommended by flashing manufacturer before covering with mortar.
 - G. Install weep holes in the head joints in exterior wythes of the first course of masonry immediately above embedded flashings as follows:
 - Keep head joints free and clear of mortar.
 - Space weep holes 24 inches o/c.
 - H. Weep Holes:
 - I. After wall construction is complete, clean brick with a non-acidic solution recommended by masonry unit manufacturer.
4. Insulation
 - A. Verify that adjacent materials and insulation materials are dry.
 - B. Install insulation per manufacturer's instructions.
 - C. Tape seal tears or cuts in vapor retarder.

5. Wood Framing
 - A. All field nailing will comply with the North Carolina State Building Code Fastening Schedule Table 2304.9.1 unless noted otherwise. All nails are to be common nails.
 - B. Miscellaneous framing not shown on the structural drawings may be required in some areas. Contractor will provide all framing required to complete the project.
 - C. Exterior Wall Sheathing:
 - a) Sheathing will be 1/2" plywood APA rated sheathing with an exterior exposure 1 durability rating.
 - b) Place long dimension of sheathing perpendicular to studs in a staggered arrangement. Fasten to studs with 10d common nails 6"o/c at all panel edges and 12"o/c at intermediate supports. Block all unsupported edges.
 - c) Leave 1/4" space at all panel edge joints and 1/8" space at all panel end joints unless otherwise recommended by manufacturer.
 - D. Plywood Roof Sheathing
 - a) Roof sheathing is to be APA rated with an exterior exposure 1 rating and a panel span rating of 32/16. Thickness of sheathing is to match existing roof sheathing thickness.
 - b) Place long dimension of sheathing perpendicular to outriggers. Remove sections of existing sheathing and stagger every other new plywood sheet back to the 2nd interior roof truss. Fasten to trusses and outriggers with 10d common nails, 6"o/c at all panel edges and 12"o/c at intermediate supports. Block all unsupported edges.
 - c) Leave 1/4" space at all panel edge joints and 1/8" space at all panel end joints unless otherwise recommended by the manufacturer.
- E. Do not cut or notch new or existing framing unless required on this drawing.

6. Miscellaneous
 - A. The contractor will be responsible for properly guying and bracing the structure to resist live, dead, wind and construction loads during construction.
 - B. Verify all existing building dimensions, elevations and details with the field conditions.

Climate Zone	Zone 3	Zone 4	Zone 5
Fenstration U-Factor	0.35	0.35	0.35
Skylight U-Factor	0.65	0.60	0.60
Glazed Fenstration SHGC	0.30	0.30	0.30
Ceiling R-Value	30	38	38
Wall R-Value	15	15	19
Floor R-Value	19	19	30
*Basement Wall R-Value	10/13	10/13	10/13
**Slab R-Value	0	10	10
**Crawl Space Wall R-Value	5/13	10/13	10/13

*10/13 means R-10 sheathing insulation or R-13 cavity insulation
** Insulation depth with monolithic slab 18" or from inspection gap to bottom of footing; Insulation dept with stem wall slab 24" or to bottom of foundation wall.

Design Pressure for Doors and Window Positive and Negative in PSF			
	Mean Roof Height (FT)		
Velocity (MPH)	15	25	35
90	15	17	19
100	20	23	25
110	25	29	32
Assumed Mean Roof Height 25'-9"			

Designed for windspeed of 110 MPH,
3 Second Gust (95 Fastest Mile) Exposure "B"

Symbols Legend:

	STONE CLADDING		WOOD
	CONCRETE BLOCK		PLYWOOD
	CONCRETE		WOOD ROUGH FRAMING
	ARCHITECTURAL PRECAST CONCRETE		SHM
	POROUS FILL		BATT INSULATION
	EARTH		RIGID INSULATION
	METAL		FIRE SAFING
	GYPSUM WALLBOARD		IMPREGNATED FOAM SEALANT
	GWB SOFFIT OR CEILING		SEALANT AND BACKER ROD

Porch Deck Addition
 20 Wood Run Dr
 Sanford, NC 27332
 Cover Sheet

SCALE:

DATE: 3/17/2021

Project number 030820210001

Drawn by TP
Checked by TP

C

General Notes:

1. All dimensions are given from the exterior face of the stud to the centerline of interior studs unless otherwise noted.
2. All work shall be performed in conformance with the 2018 NC Building Code for One and Two Family Dwellings and all referenced standards.
3. All finishes, appliances, equipment and fixtures shall be coordinated by Owner and G.C.
4. G.C. to field verify all existing dimensions and conditions prior to commencing work.
5. Drawings are an instrument to communicate intent of construction. Do not scale drawings.
6. All doors and windows to be selected by Owner and provided and installed by G.C.
7. All casework to be selected by Owner and provided and installed by G.C.

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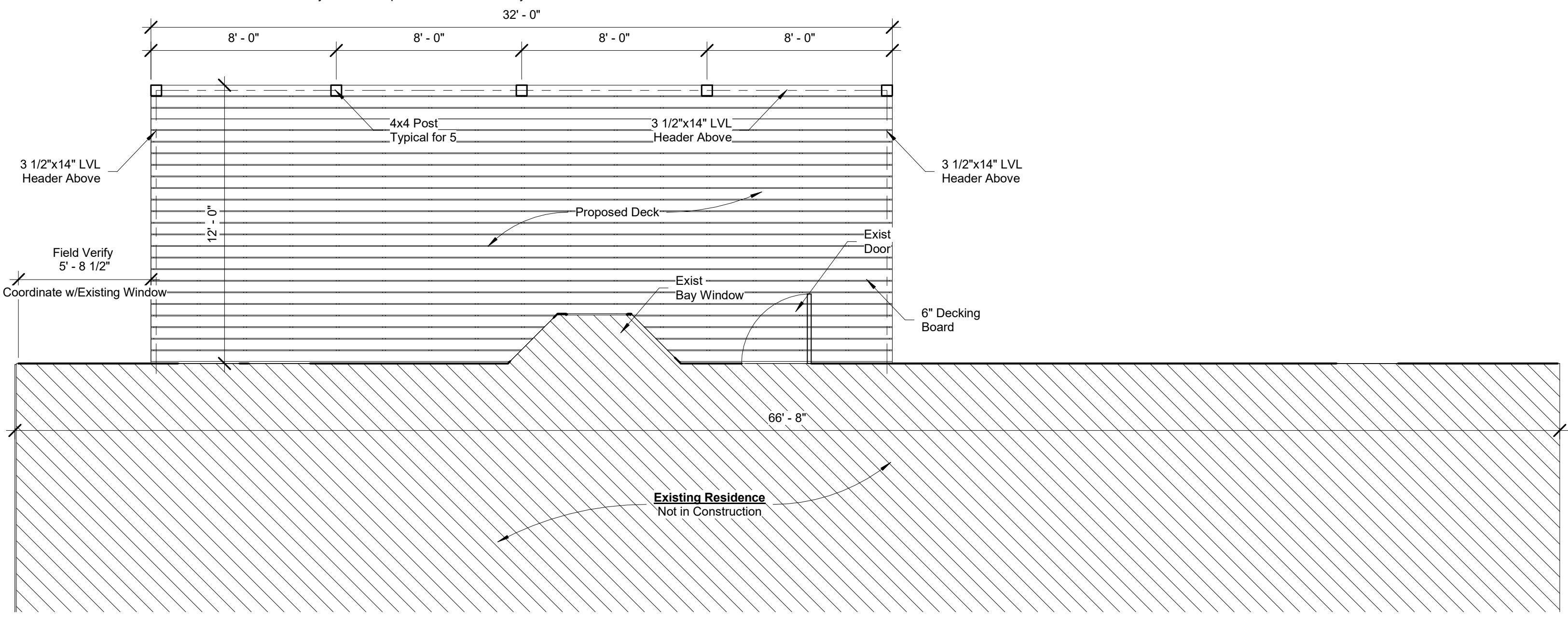
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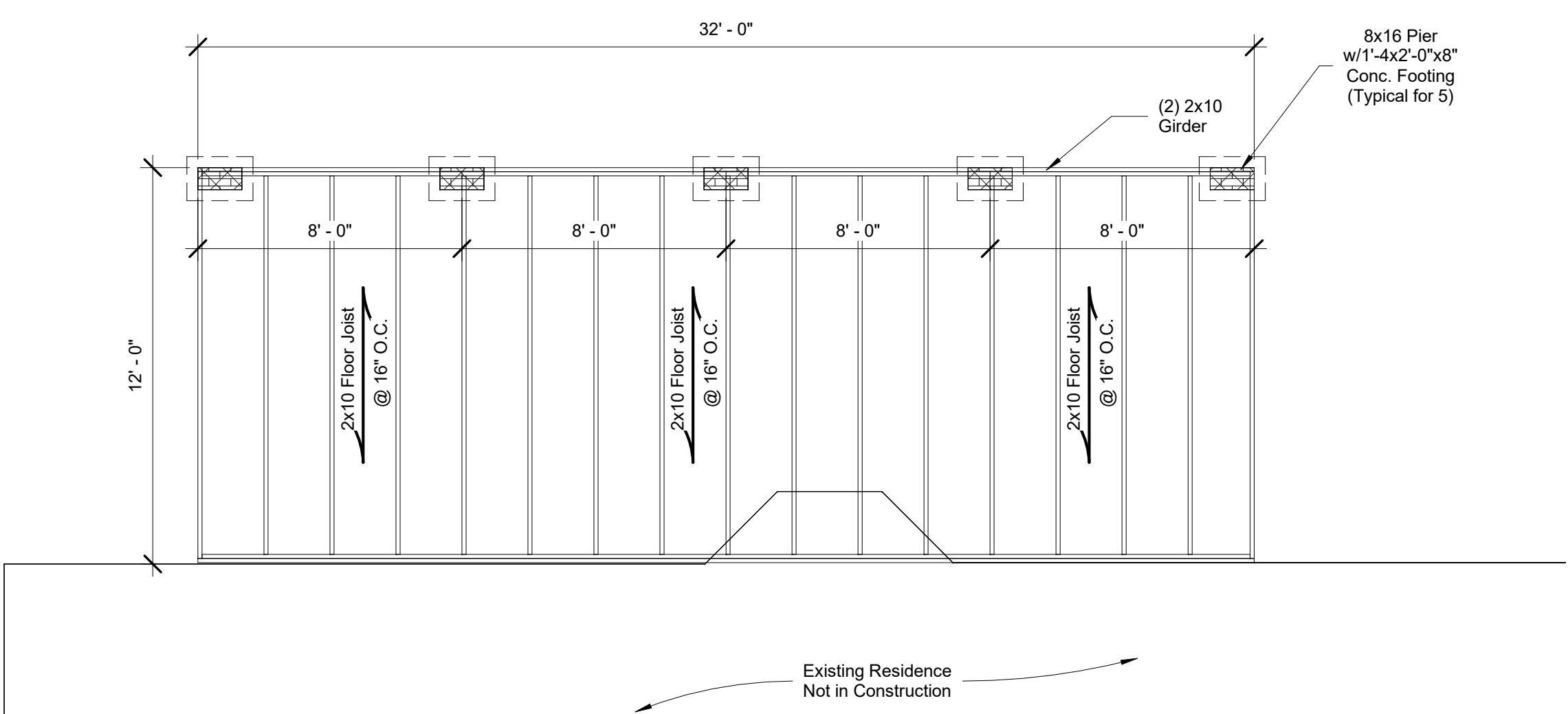
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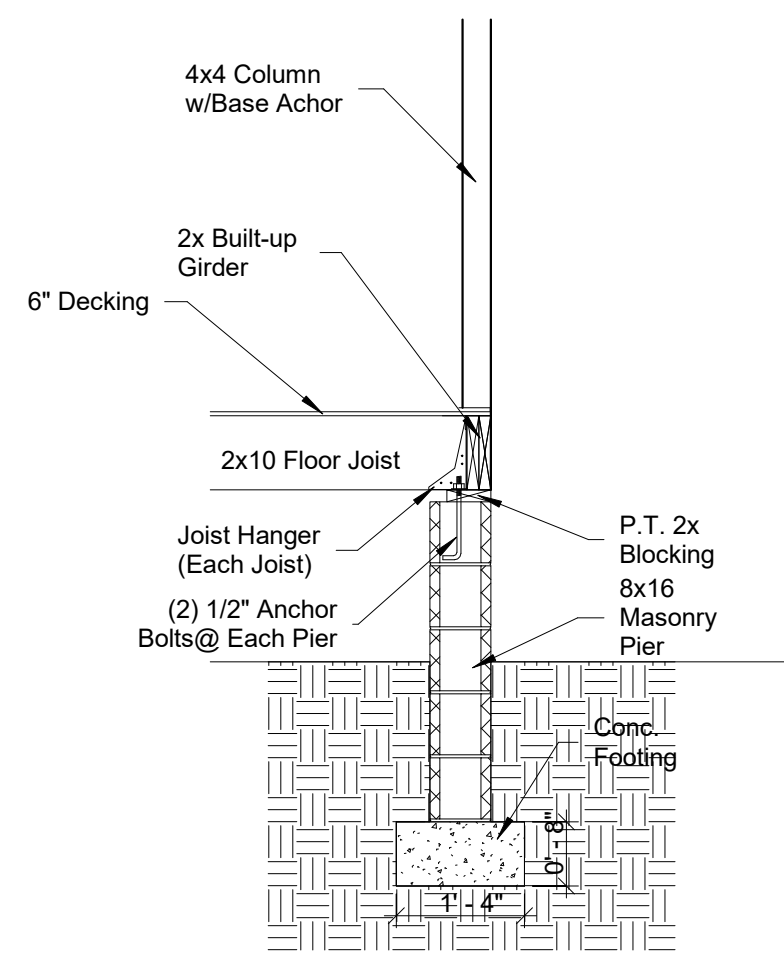
Porch Deck Addition
20 Wood Run Dr
Sanford, NC 27332
First Floor Plan



① First Floor Plan
1/4" = 1'-0"



② Foundation Plan
1/4" = 1'-0"



③ Detail - Pier & Footing
1/2" = 1'-0"

SCALE: As indicated

DATE: 3/17/2021

Project number: 030820210001

Drawn by: TP
Checked by: TP

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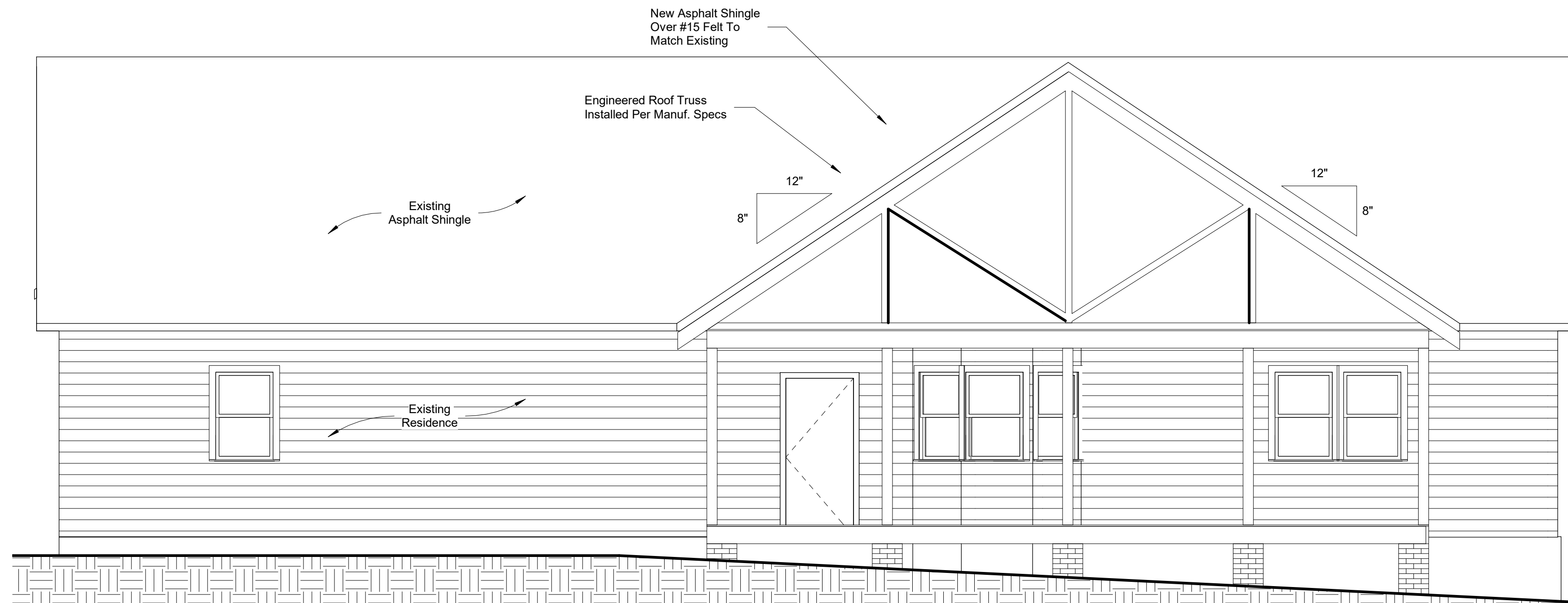
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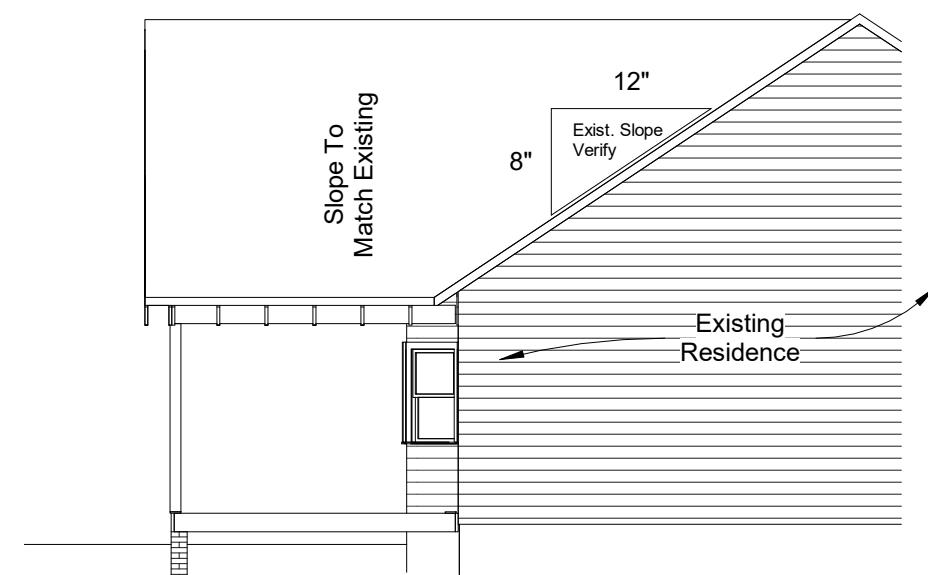
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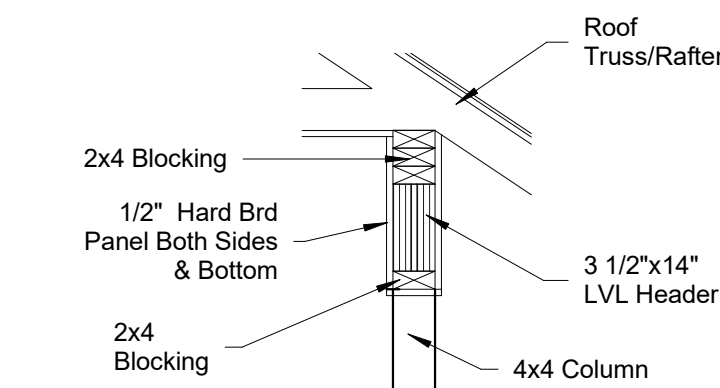
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③ Rear
1/4" = 1'-0"



① Left
1/8" = 1'-0"



② Detail - Porch Header
3/4" = 1'-0"

Elevation Notes:

1. Gutters and downspouts are not shown for clarity, downspouts shall be located towards the front and rear of the house. Locate downspouts in non-visually offensive locations. General contractor shall verify existing grades and coordinate any necessary drainage requirements with owner.
2. Plumbing and HVAC vents shall be grouped in attic to limit roof penetrations and to be located away from public view and shall be primed and painted to match roof color where necessary.
3. Provide attic ventilation per local code requirements.
4. Exterior flashing shall be correctly installed at all connections between roofs, walls, chimneys, projections and penetrations as required by approved construction practices.
5. Contractor shall provide adequate attic ventilations/roof vents per local governing code. Install continuous ridge ventilation and match to roof. Provide appropriate soffit ventilation at overhangs.

SCALE:

As indicated

DATE:

3/17/2021

Project number

030820210001

Drawn by

TP

Checked by

TP

Porch Deck Addition
20 Wood Run Dr
Sanford, NC 27332

Elevations