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# CUSTOM HOME

CUSTOM HOME NEW BERN, NC 28560 Date: Revisions:

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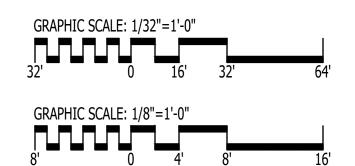
- RECEPTACLE FLOOR RECEPTACLE GFCI RECEPTACLE
- WATER PROOF RECEPTACLE
- SWITCH
- **3 WAY SWITCH**
- SECURITY LIGHT
- CEILING MOUNT
- WALL SCONCE
- CEILING PENDANT
- FAN / LIGHT
- 6" RECESSED CAN
- DIRECTIONAL PIN LIGHT
- FLUORESCENT
- UNDER-COUNTER
- INDIRECT TRAY LIGHT
  - CABLE
  - GARAGE DOOR OPENER W/ LIGHT

# SHEET SCHEDULE

NET SQUARE FOOTAGE NON HEATED FRONT PORCH 115 SF 395 SF DECK HEATED / COOLED 96 SF

GARAGE LEVEL FIRST FLOOR PLAN SECOND FLOOR PLAN

## TOTAL



1,970 SF

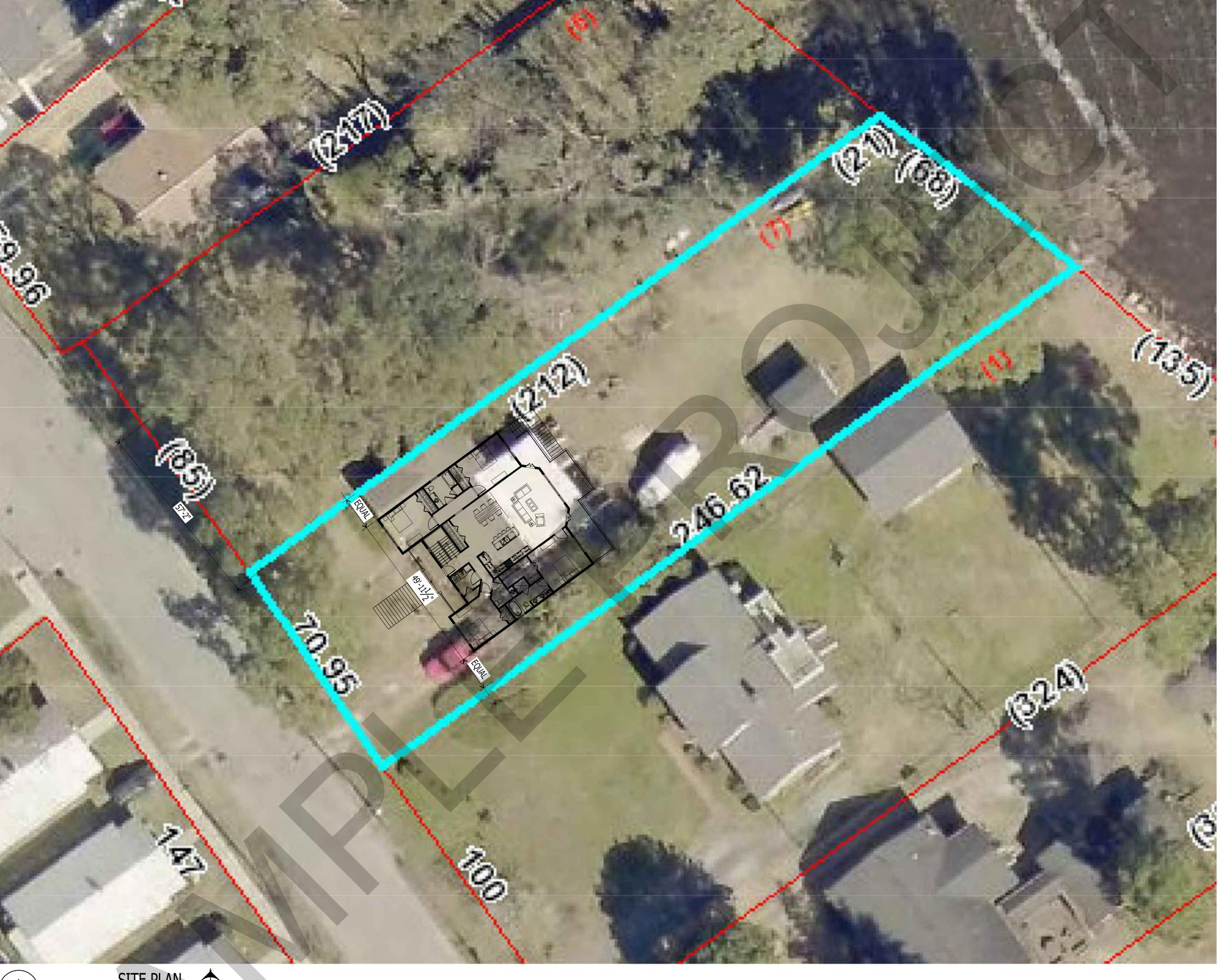
498 SF

2,564 SF

**G-101** 

TITLE SHEET

12 X 18 SHEETS ARE HALF SIZE







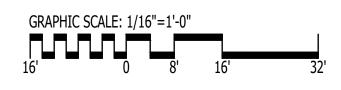


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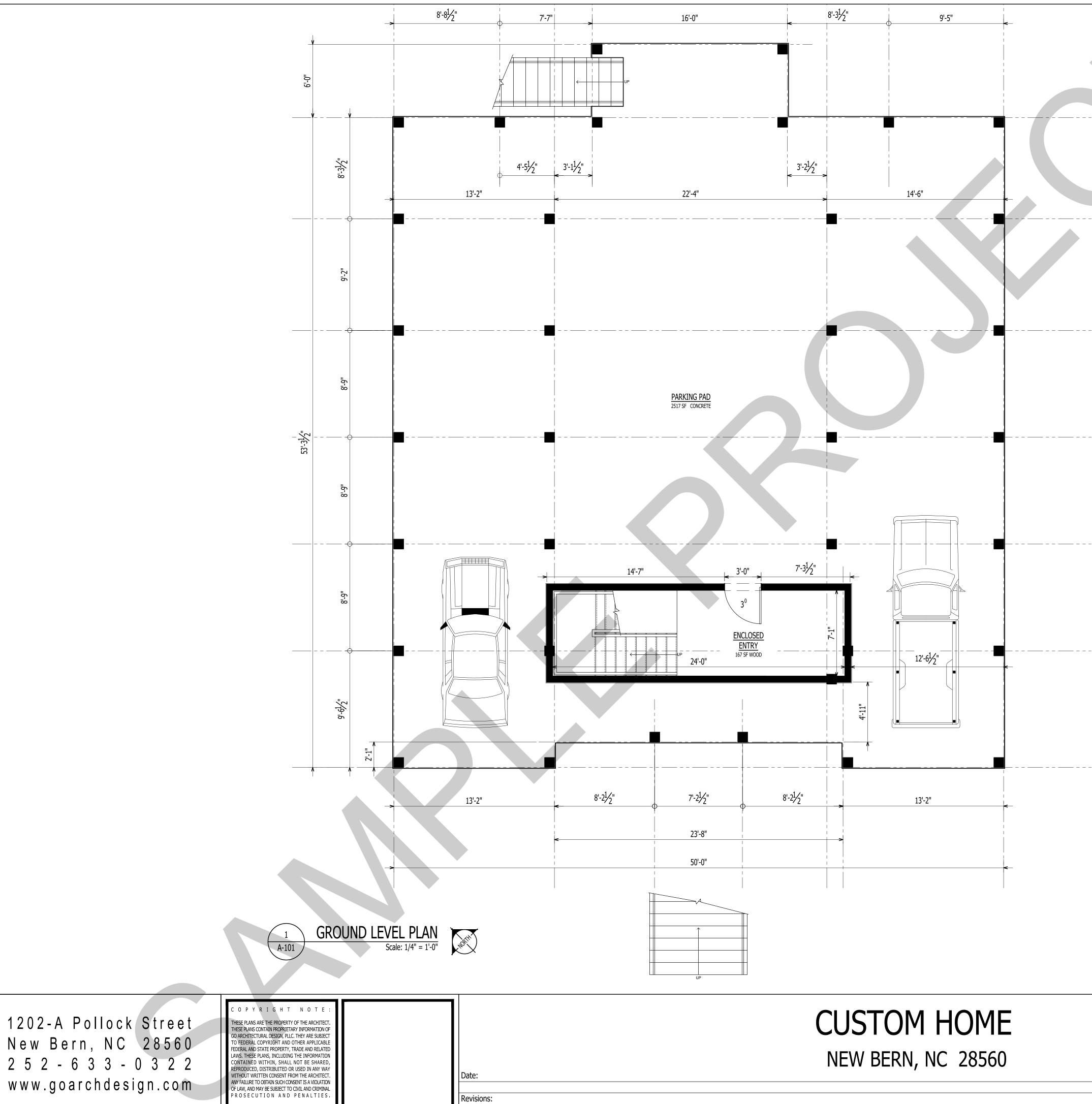
Date:



**C-101** 

SITE PLAN

12 X 18 SHEETS ARE HALF SIZE





# NET SQUARE FOOTAGE

NON HEATED FRONT PORCH DECK

115 SF 395 SF

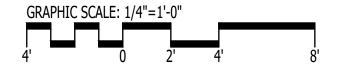
HEATED / COOLED GARAGE LEVEL FIRST FLOOR PLAN SECOND FLOOR PLAN

1,970 SF 498 SF

96 SF

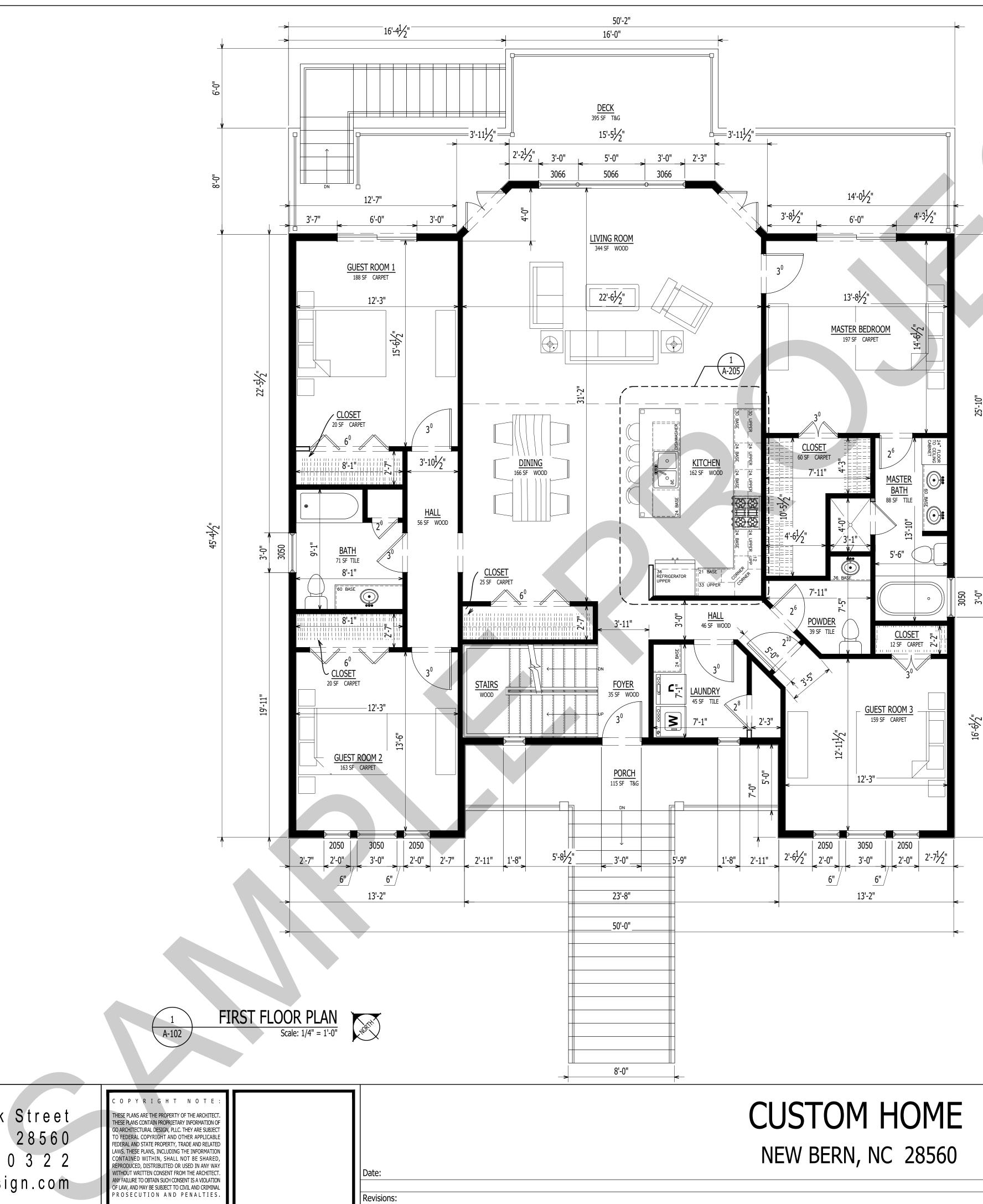
TOTAL

2,564 SF



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Revisions:



NON HEATED FRONT PORCH DECK

115 SF 395 SF

HEATED / COOLED GARAGE LEVEL FIRST FLOOR PLAN SECOND FLOOR PLAN

1,970 SF 498 SF

96 SF

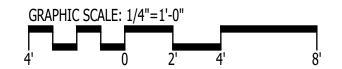
TOTAL

2,564 SF

A-102

FIRST FLOOR PLAN

12 X 18 SHEETS ARE HALF SIZE





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(1) (A-103)

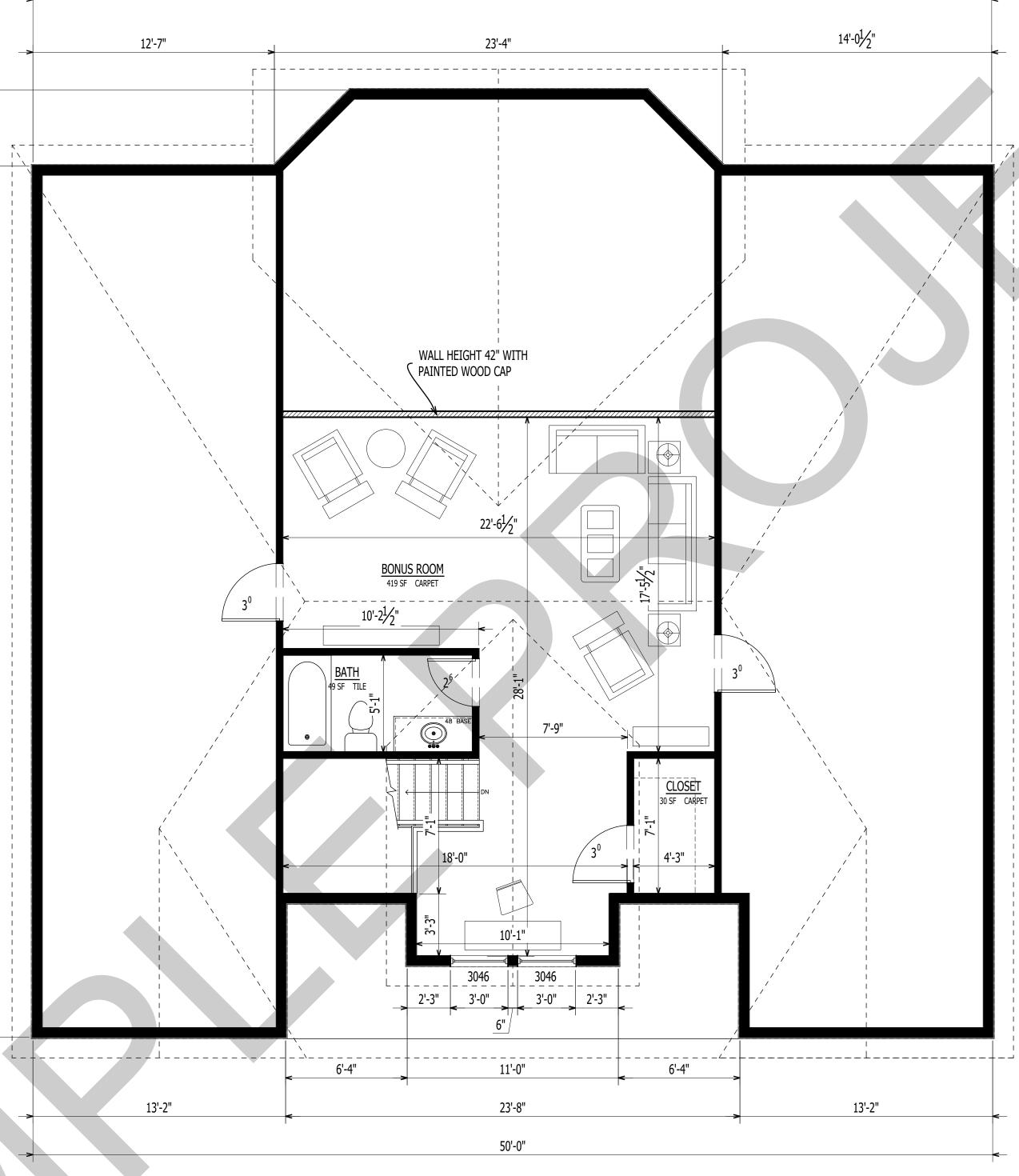
3'-11<mark>1</mark>/2"

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

# CUSTOM HOME NEW BERN, NC 28560

Revisions:

Date:



# NET SQUARE FOOTAGE

NON HEATED FRONT PORCH DECK

115 SF 395 SF

HEATED / COOLED GARAGE LEVEL FIRST FLOOR PLAN SECOND FLOOR PLAN

1,970 SF 498 SF

96 SF

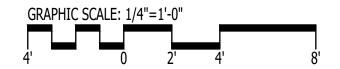
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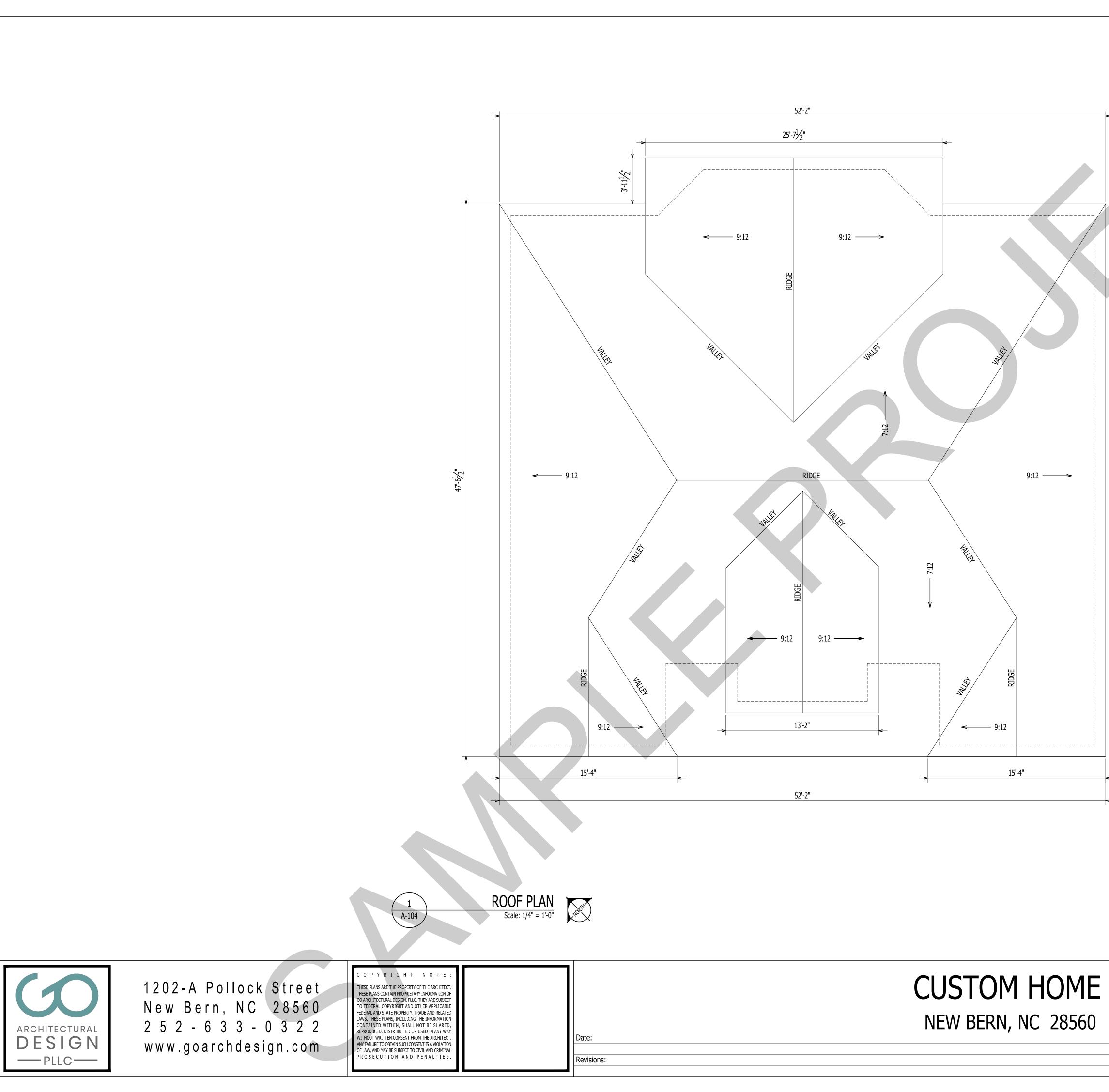
2,564 SF

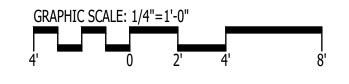
A-103

SECOND FLOOR PLAN

12 X 18 SHEETS ARE HALF SIZE

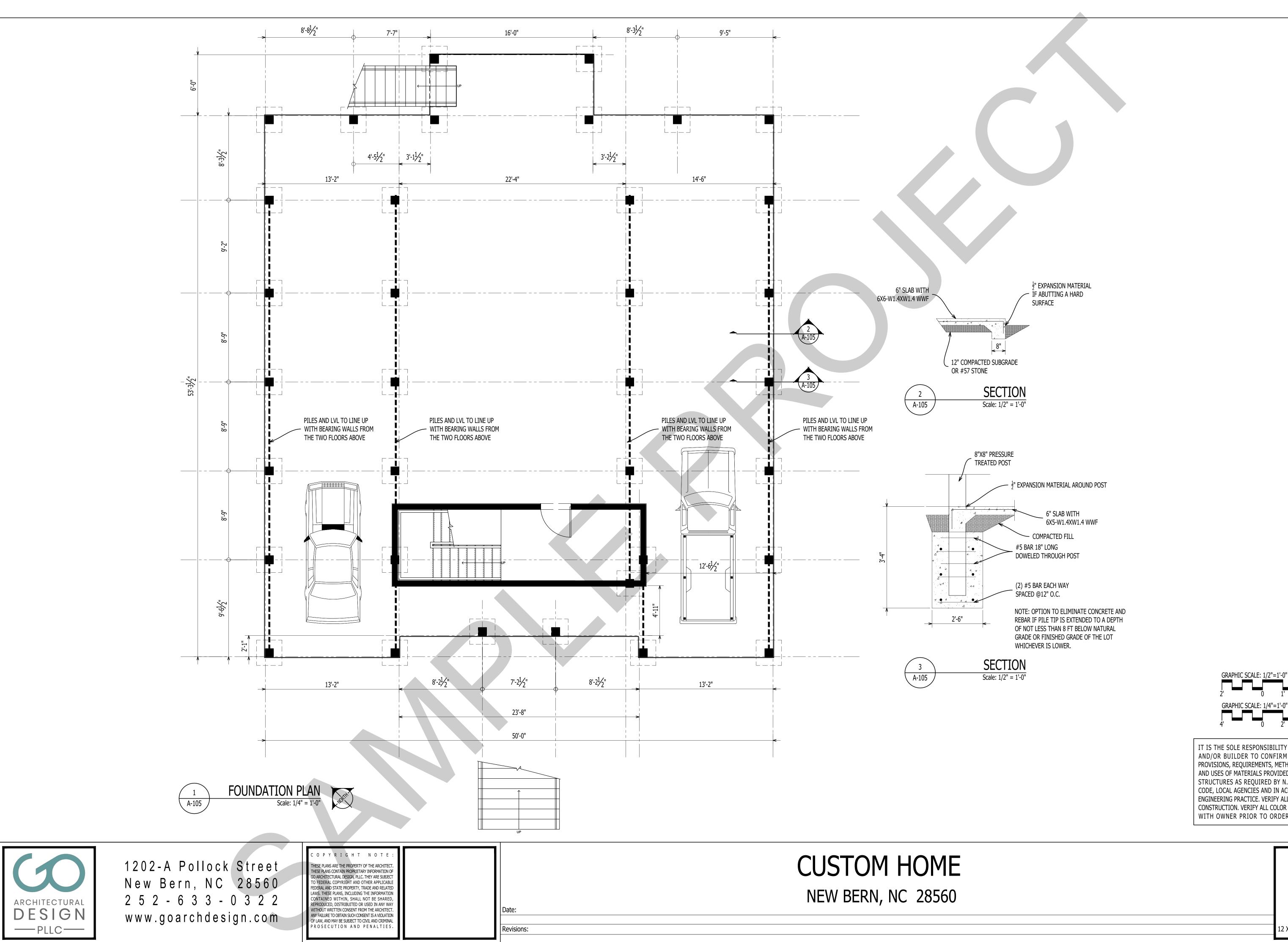




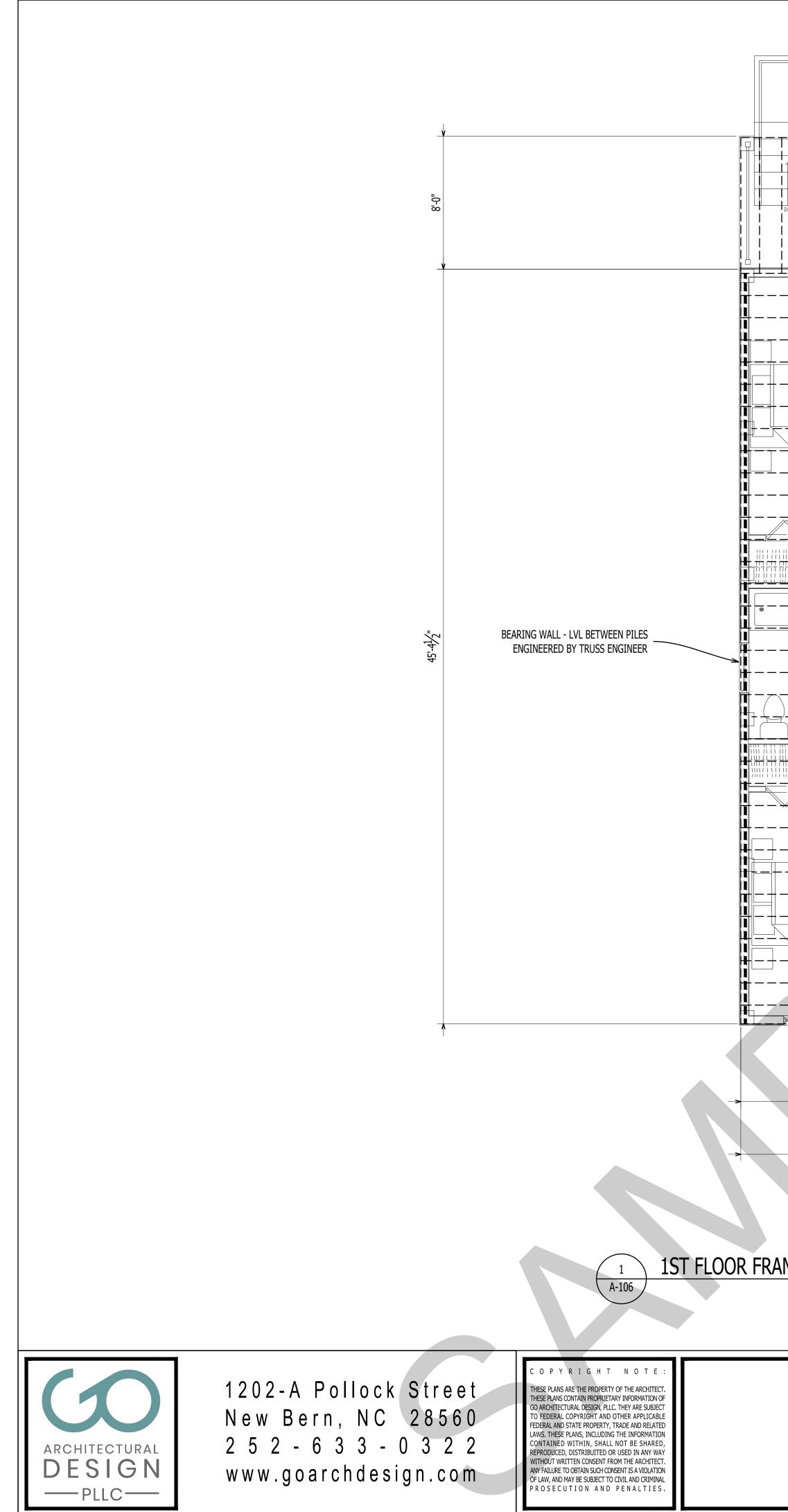


**A-104** 

ROOF PLAN







	I I	TRUSSES	
	VALL - LVL BETWEEN PILES ED BY TRUSS ENGINEER		SSINUL SUBJECT OF CONTRACT OF
<b>MING PLAN</b> Scale: $1/4'' = 1'-0''$			14'-5 <sup>1</sup> /2"

Revisions:

Date:

BEARING WALL - LVL BETWEEN PILES ENGINEERED BY TRUSS ENGINEER

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

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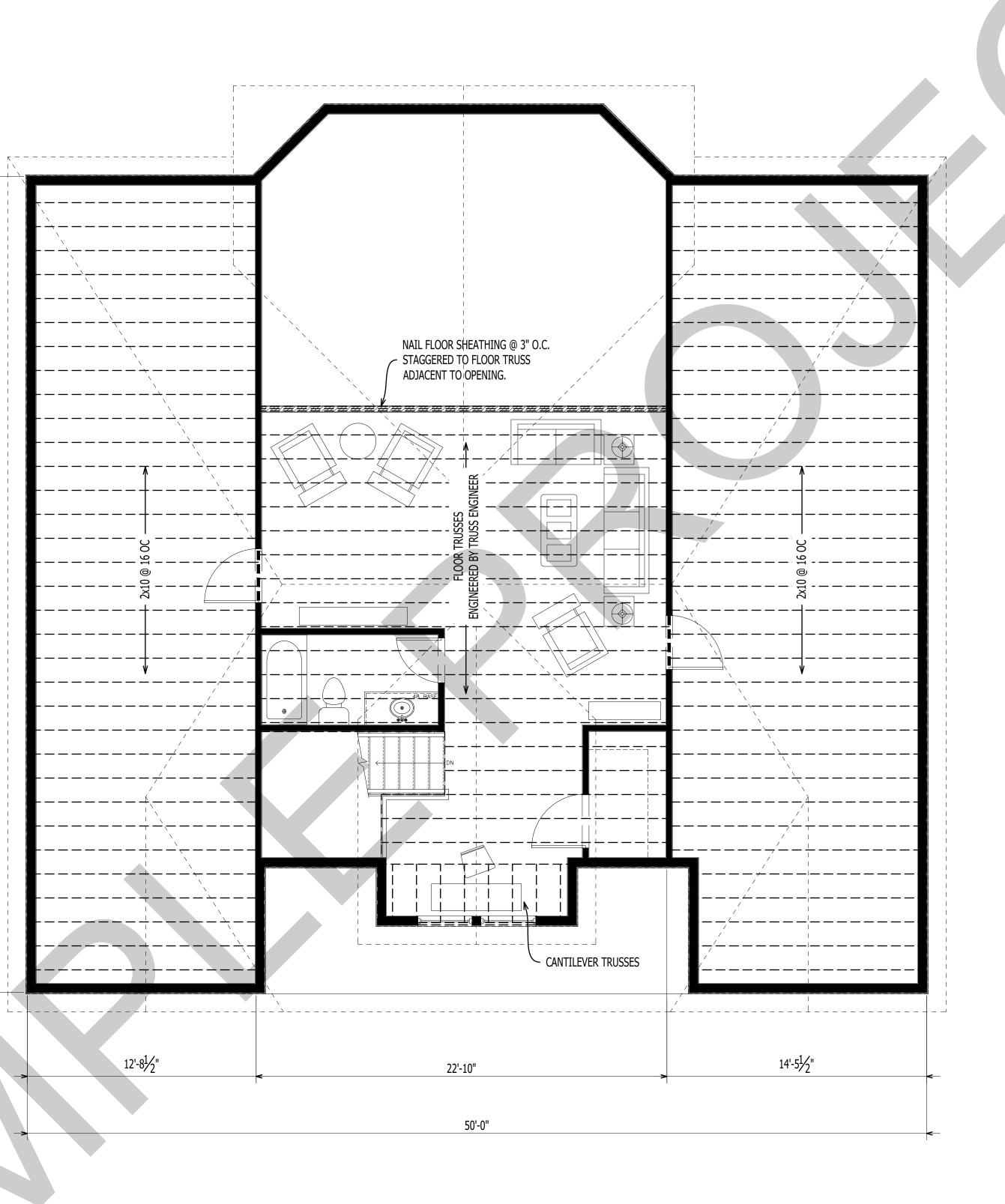




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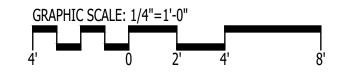




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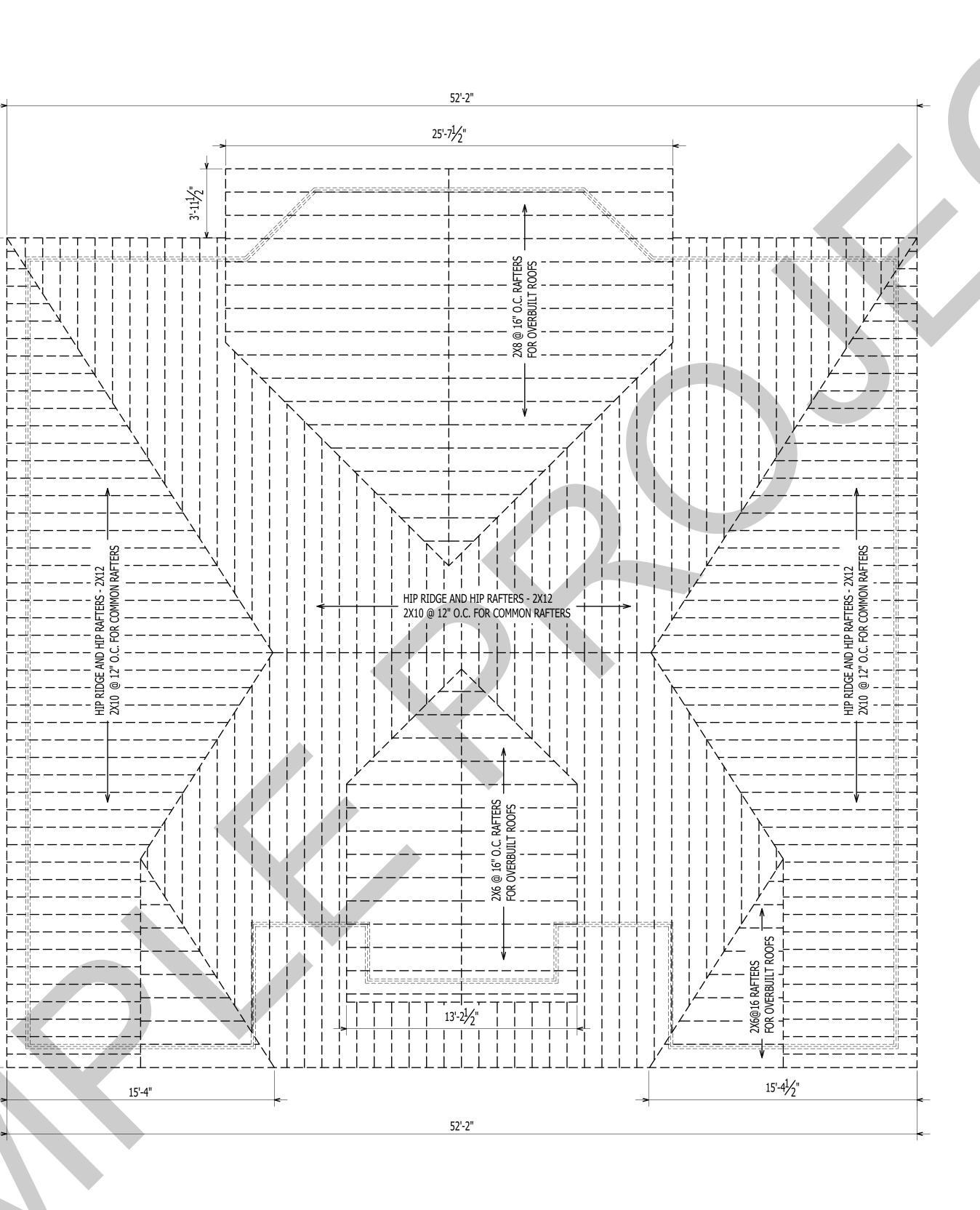




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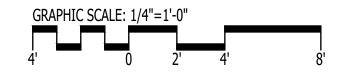




CUSTOM HOME NEW BERN, NC 28560

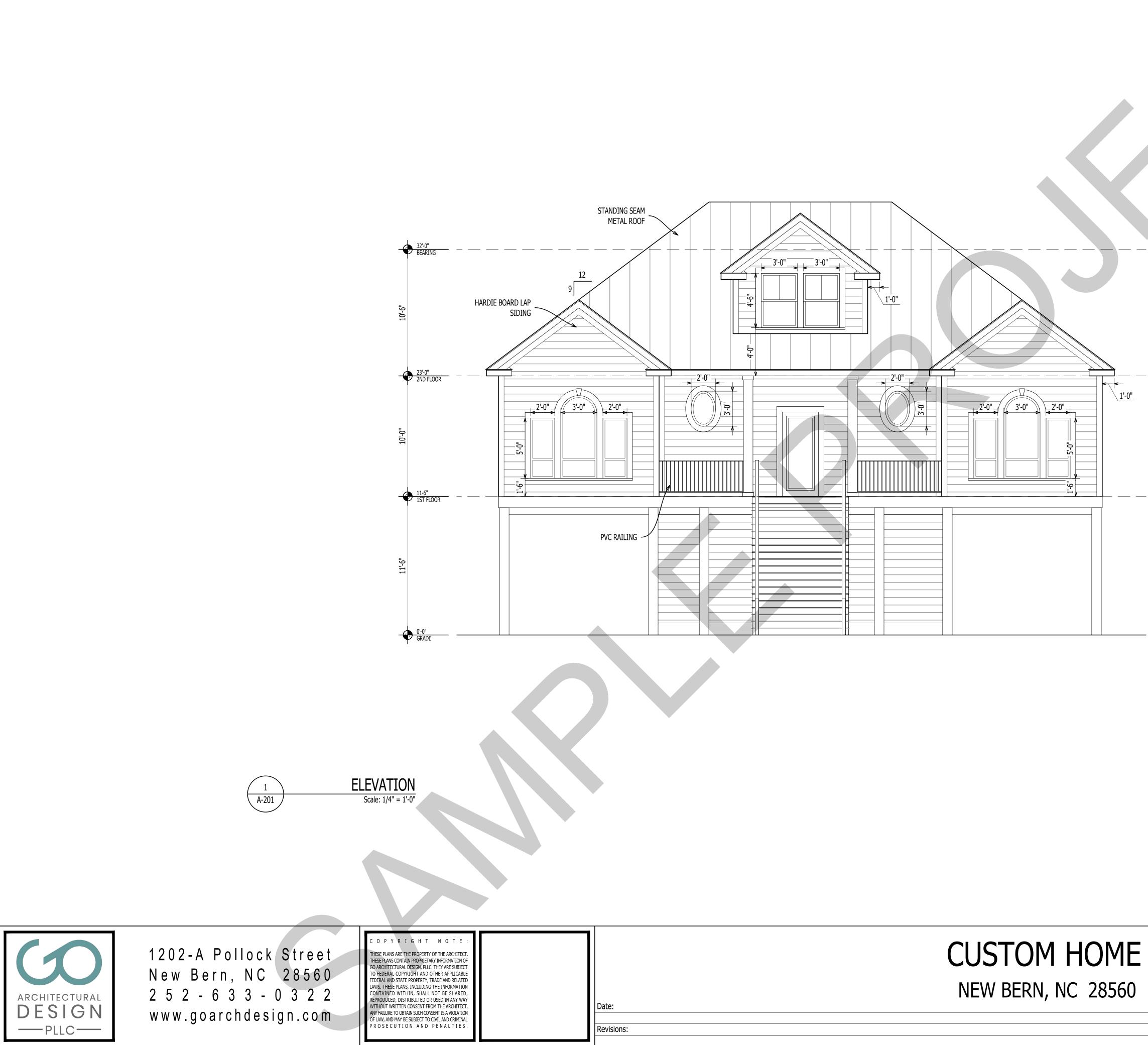
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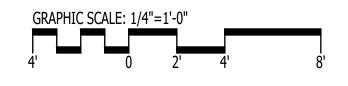
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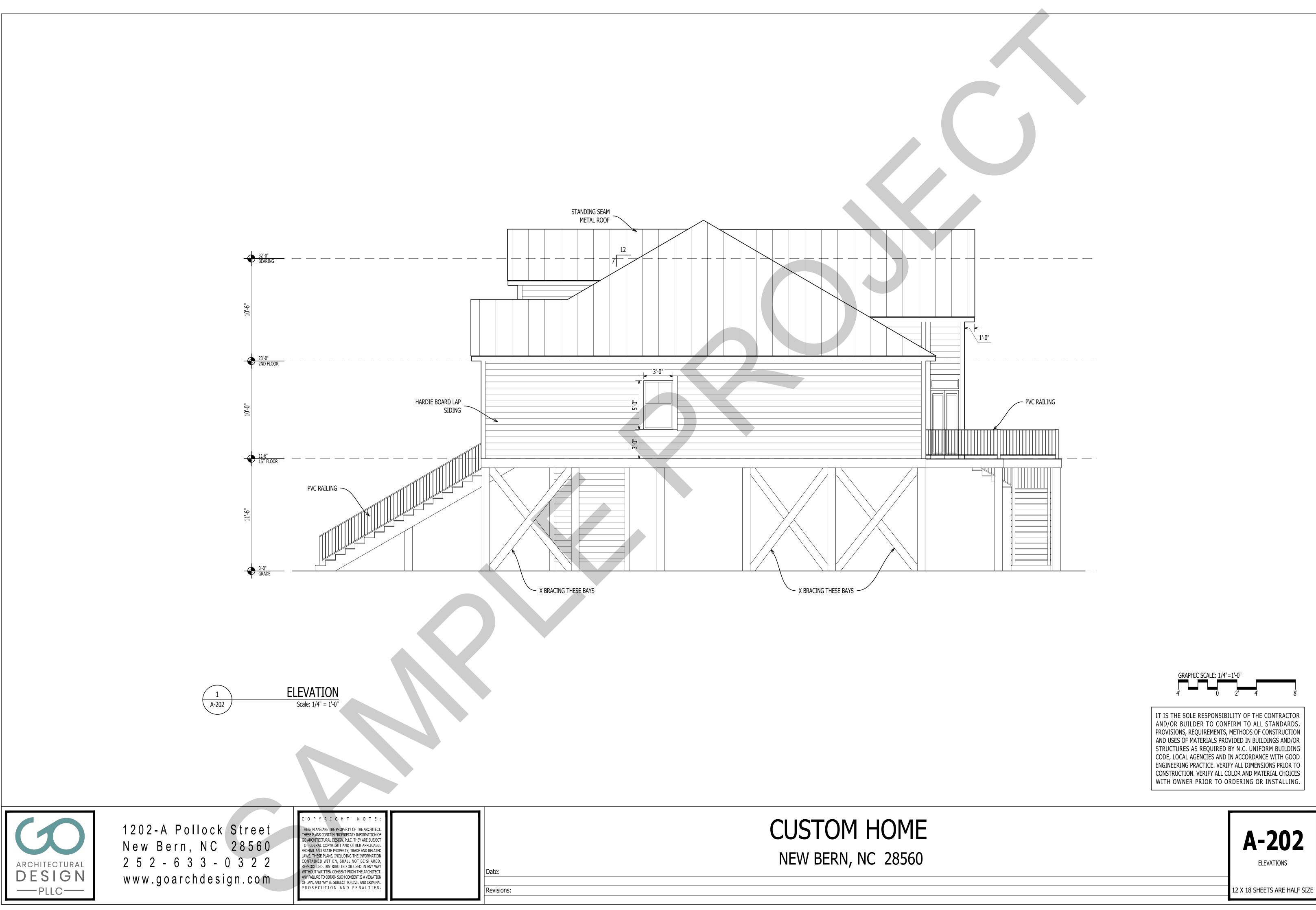


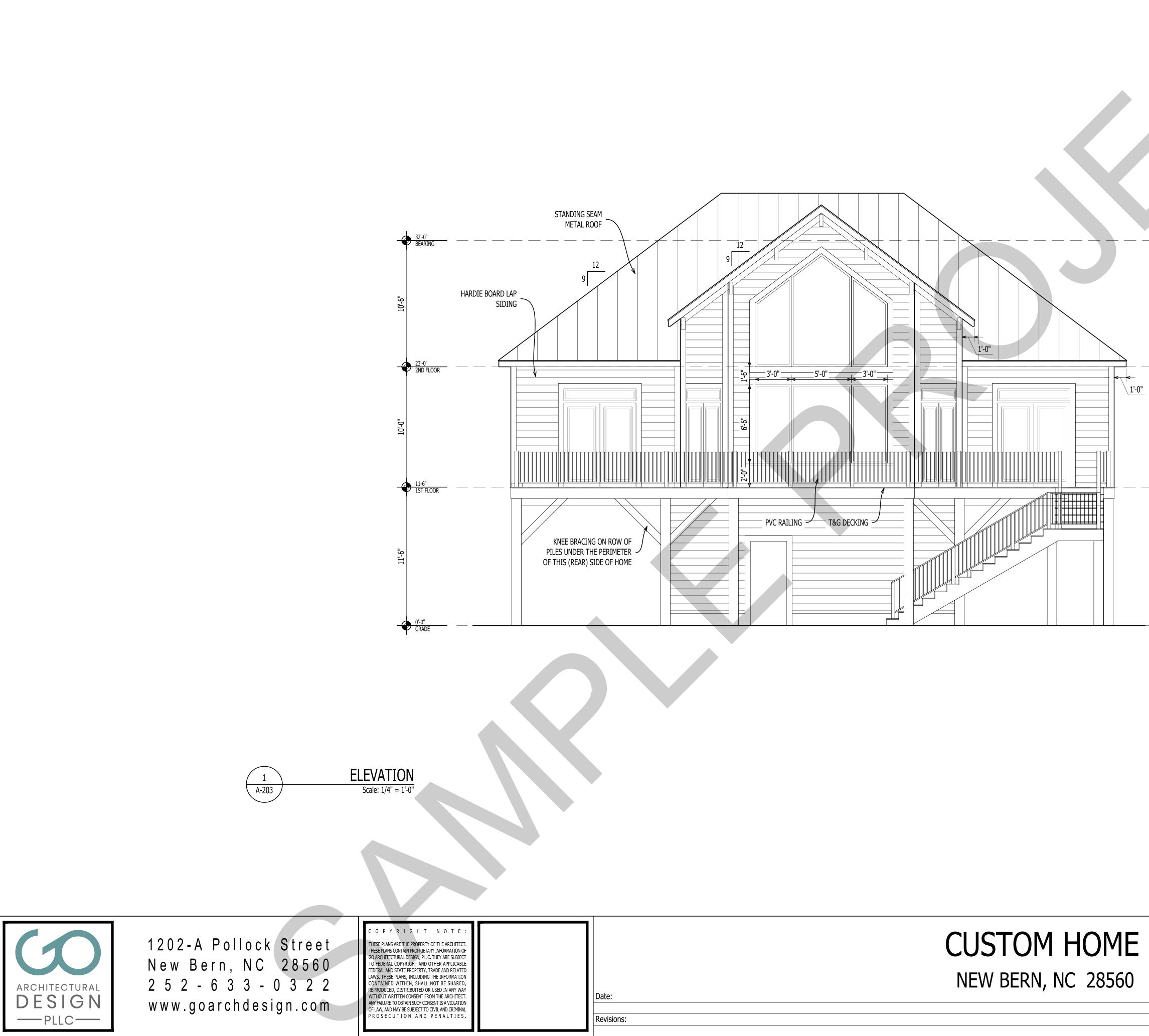


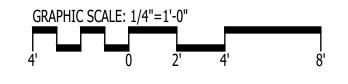


A-201

ELEVATIONS

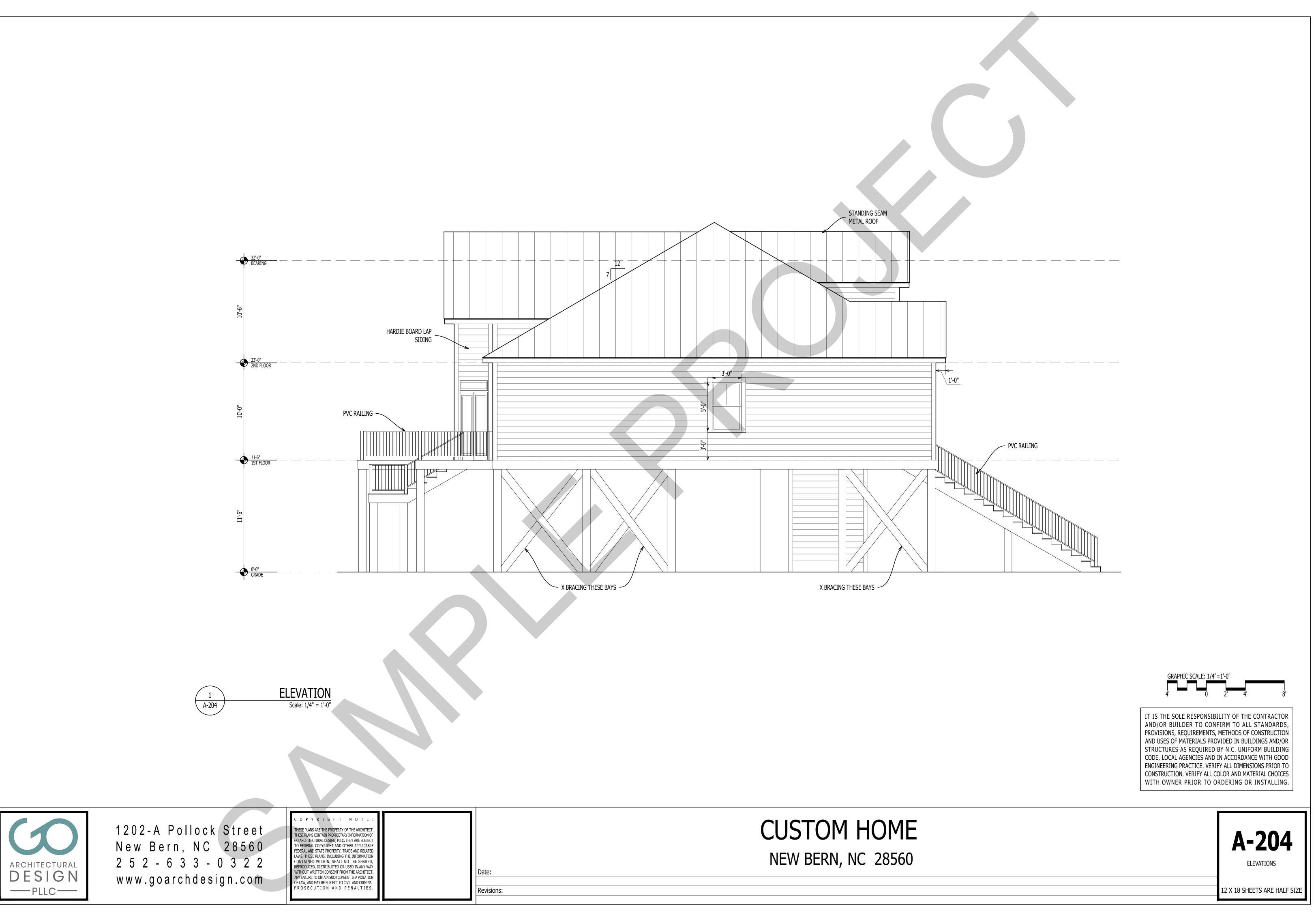


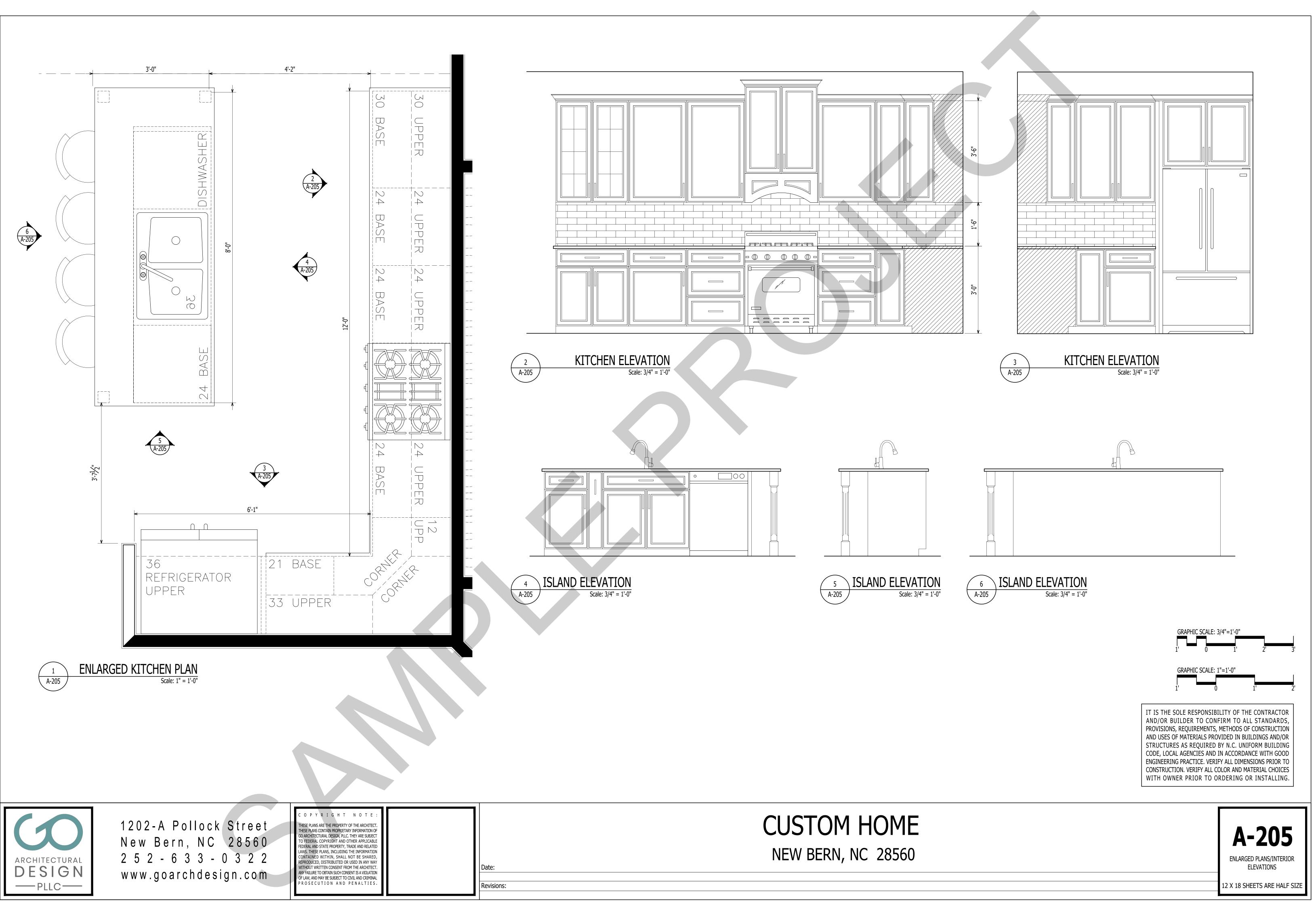


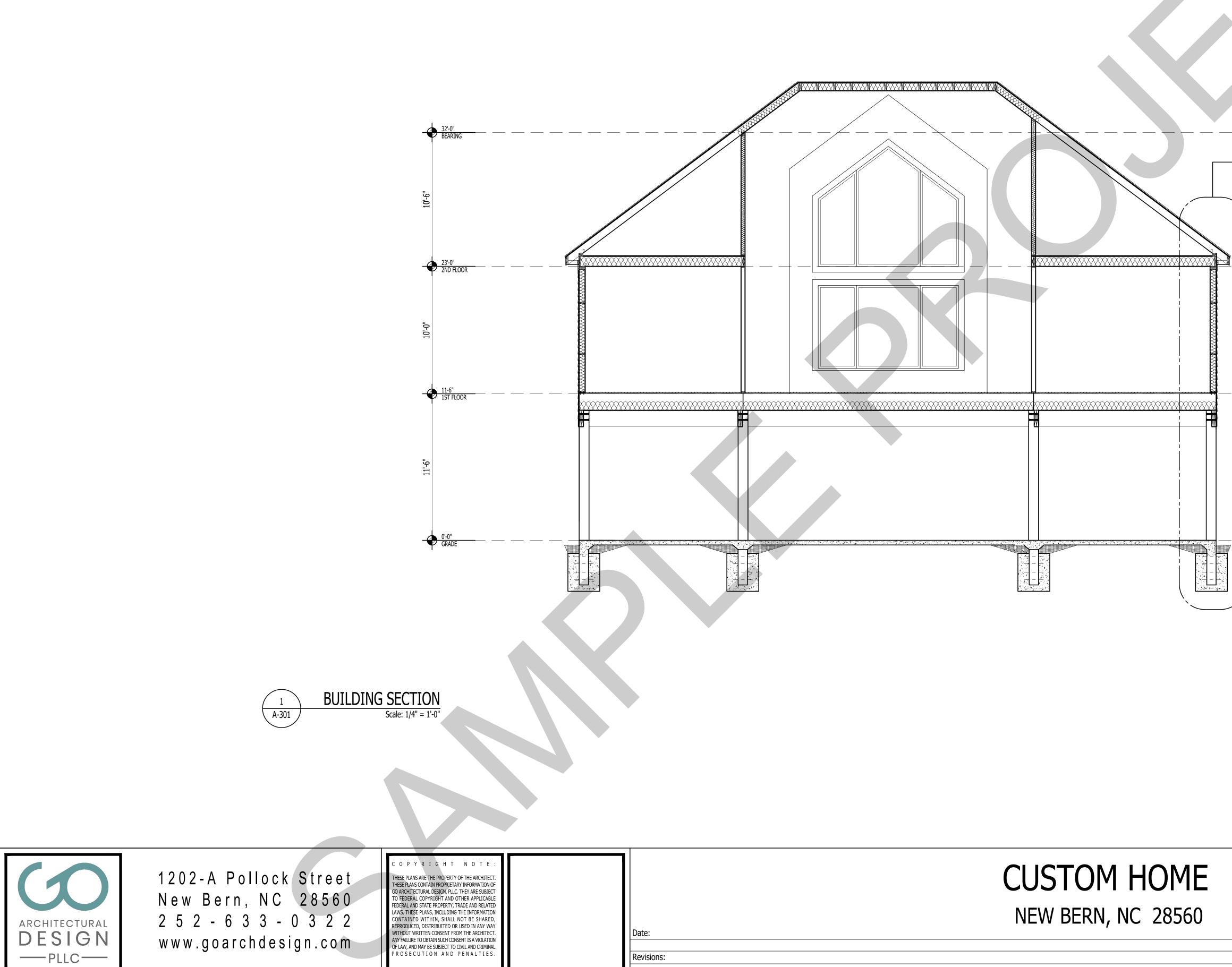


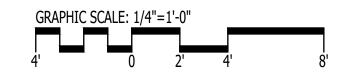
A-203

ELEVATIONS

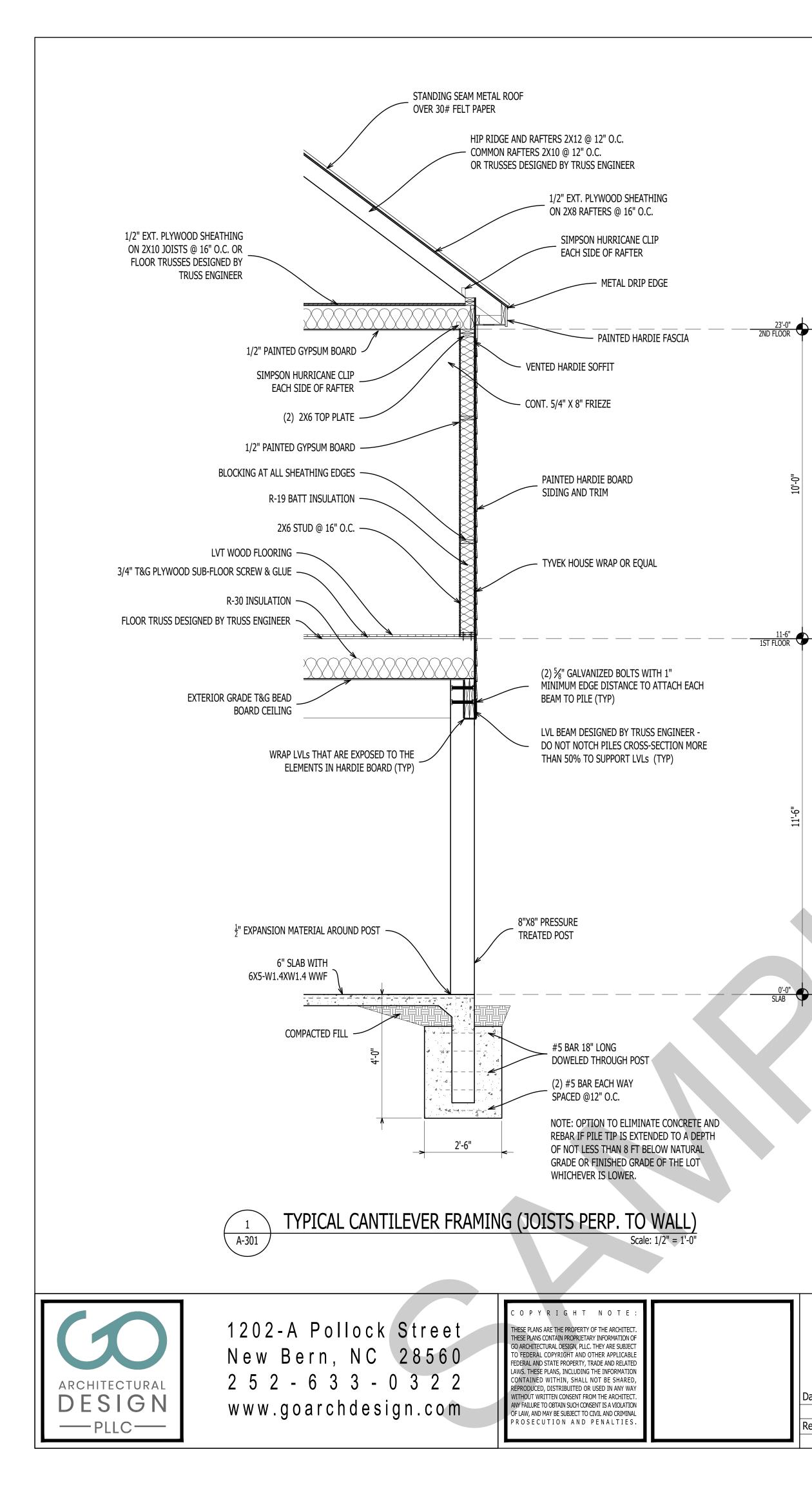












### Revisions:

Date:

# CUSTOM HOME NEW BERN, NC 28560

GRAPHIC SCALE: 1/2"=1'-0'

FOUNDATION NOTES:

CRITERIA:

A MINIMUM 18"X24" ACCESS SHALL BE PROVIDED TO ALL CRAWL SPACE AREAS.

4. OPENINGS SHALL NOT BE LESS THAN 3 INCHES IN ANY DIRECTION IN THE PLANE OF THE WALL.

ON EXTERIOR WALLS.

3. THE BOTTOM OF EACH OPENING SHALL BE 1 FOOT OR LESS ABOVE ADJACENT GROUND LEVEL.

ENGINEERING PRACTICE. VERIFY ALL DIMENSIONS PRIOR TC

CONSTRUCTION. VERIFY ALL COLOR AND MATERIAL CHOICES

WITH OWNER PRIOR TO ORDERING OR INSTALLING

### DESIGN CRITERIA:

DESIGN WIND SPEED = 120mph, EXPOSURE CATEGORY 'C',

ENCLOSED BUILDING

DESIGN LIVE LOADS: FLOOR=40psf, ROOF=20psf

### MASONRY NOTES:

ALL MASONRY SHALL BE LAID IN A RUNNING BOND PATTERN.

CONCRETE MASONRY UNITS SHALL BE CELLULAR UNITS CONFORMING TO ASTM C90 GRADE N-2.

STRUCTURAL BRICK SHALL CONFORM TO ASTM C62

BRICK & CRICK SHALL HAVE MINIMUM COMPRESSIVE STRENGTH = 1,500psi

MORTAR SHALL BE TYPE 'S' AND CONFORM TO ASTM C270

DO NOT APPLY UNIFORM LOADS TO MASONRY UNTIL AT LEAST 12HRS AFTER BUILDING WALLS. DO NOT APPLY CONCENTRATED LOADS UNTIL AT LEAST 3 DAYS AFTER BUILDING WALLS.

SITE CONDITIONS ARE UNKNOWN. FOUNDATION AND FOOTING DESIGN BASED ON PRESUMPTIVE SOIL BEARING PRESSURE OF 2000psf. CONTRACTOR SHALL CONFIRM.

STRUCTURAL FILL SHALL BE PLACES IN LIFTS OF NOT MORE THAN 6-in. LOOSE THICKNESS, WITH EACH LIFT COMPACTED TO AT LEAST 95% OF ITS MAXIMUM STANDARD PROCTOR DENSITY.

### WOOD FRAMING NOTES:

LUMBER SHALL BE SOUTHERN YELLOW PINE (SYP) #2 OR BETTER FOR HEADERS, JOISTS, AND RAFTERS UNO. STUDS, BRACING, AND BLOCKING SHALL BE SPRUCE PINE FIR (SPF) #2 OR BETTER.

# - DENOTES NUMBER OF JACK STUDS REQUIRED (2 UNLESS NOTED OTHERWISE)

LAMINATED VENEER LUMBER (LVL) PILES SHALL BE 1.75" WIDE AND MEET OR EXCEED THE FOLLOWING DESIGN PROPERTIES:

- MODULES OF ELASTICITY (E) 1,800,000 psi FLEXURAL STRESS (Fb) - 2,400 psi
- SHEAR STRESS (FV) 190 psi

LBW - LOAD BEARING WALL

FLUSH - BOTTOM OF HEADER IS FLUSH w/ BOTTOM OF FLOOR SYSTEM

ALL PRESSURE TREATED 2x\_MATERIAL SHALL BE SYP #2 OR BETTER

EXTERIOR WALLS SHALL BE SHEATHED WITH <sup>7</sup>/<sub>16</sub>" OSB (24/16 APA RATED SHEATHING) AND NAILED WITH 8d NAILS 3" O.C. AT ALL PANEL EDGES AND 6" O.C. AT INTERMEDIATE WALL FRAMING. INTERIOR SHALL BE SHEATHED WITH  $\frac{1}{2}$ " GYPSUM. EXTERIOR SHEATHING EDGES SHALL BE BLOCKED.

PLYWOOD ADJACENT TO PORCHES SHALL BE TREATED.

DO NOT SPLICE MEMBERS BETWEEN BEARINGS.

2-PLY MEMBER CONNECTION - NAIL 2x MEMBERS TOGETHER USING 3 ROWS OF 16d NAILS 9" O.C. (LVL NAILING TO BE 12" O.C.)

3-PLY MEMBER CONNECTION - NAIL 2x MEMBERS TOGETHER USING 3 ROWS OF 16d NAILS 9" O.C. (LVL NAILING TO BE 12" O.C.) CONNECTION(S) SHALL BE FROM BOTH SIDES.

4-PLY MEMBER CONNECTION - ATTACH PLIES TOGETHER USING 2 ROWS, STAGGERED OF  $\frac{1}{2}$ " THROUGH-BOLTS, WASHERS, AND NUTS 24" O.C. LOCATE ONE ROW 3" FROM TOP OF MEMBER, ONE ROW 3" FROM BOTTOM OF MEMBER.

CONCRETE NOTES:

CONCRETE SHALL HAVE MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000psi.

REINFORCING STEEL SHALL BE ASTM GRADE 60.

CONCRETE FOOTING SHALL HAVE 3" CLEAR COVER AROUND REINFORCING BARS.

REINFORCING BARS SHALL HAVE MINIMUM LAP OF 25" OR 36 BAR DIAMETERS.

WELDED WIRE FABRIC SHALL CONFORM RO ASTM 185

PROVIDE CONTRACTION JOINTS AS REQUIRED (10'-12' O.C. +/-)

ALL CONCRETE WORK SHALL CONFORM TO NC BUILDING CODE.

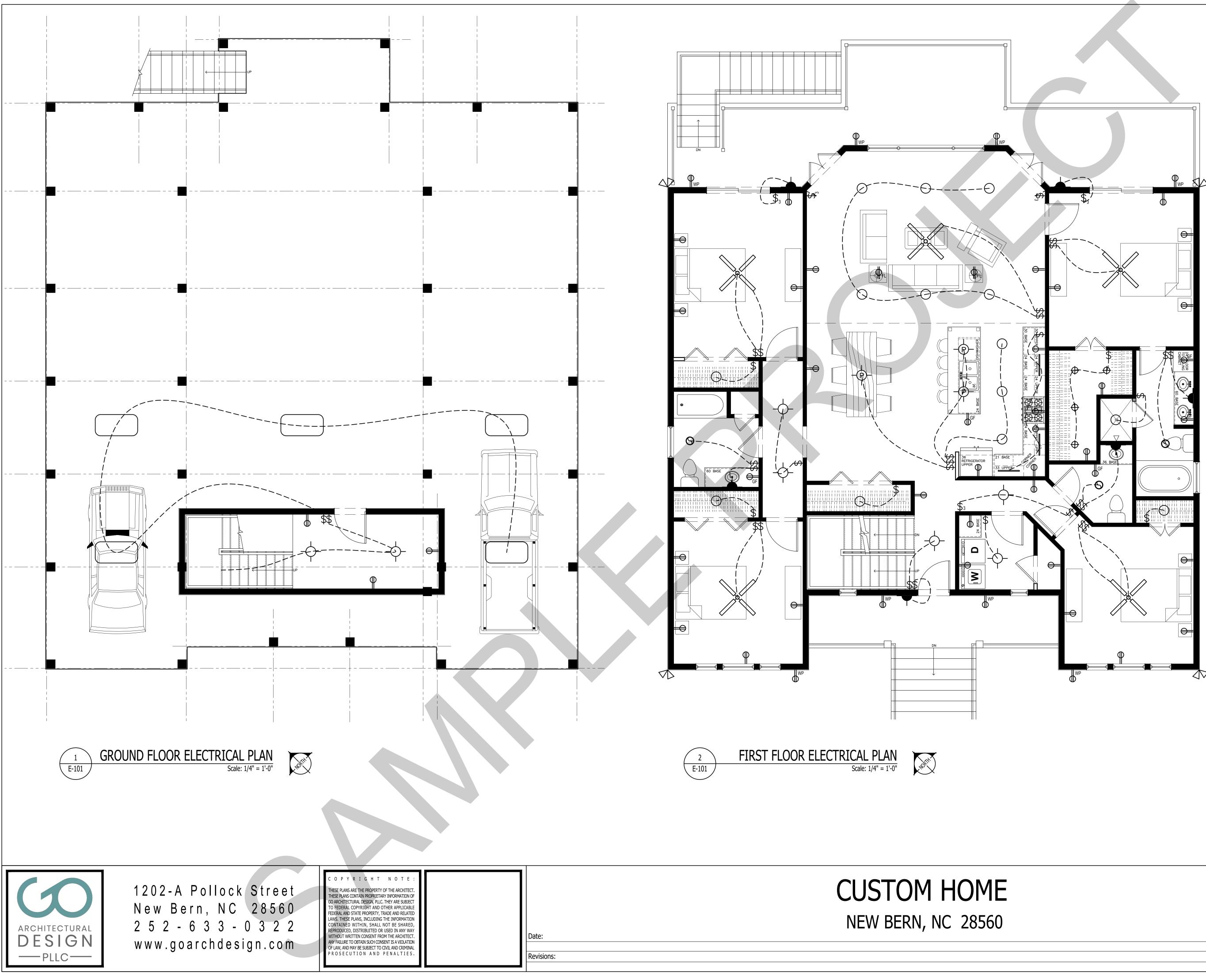


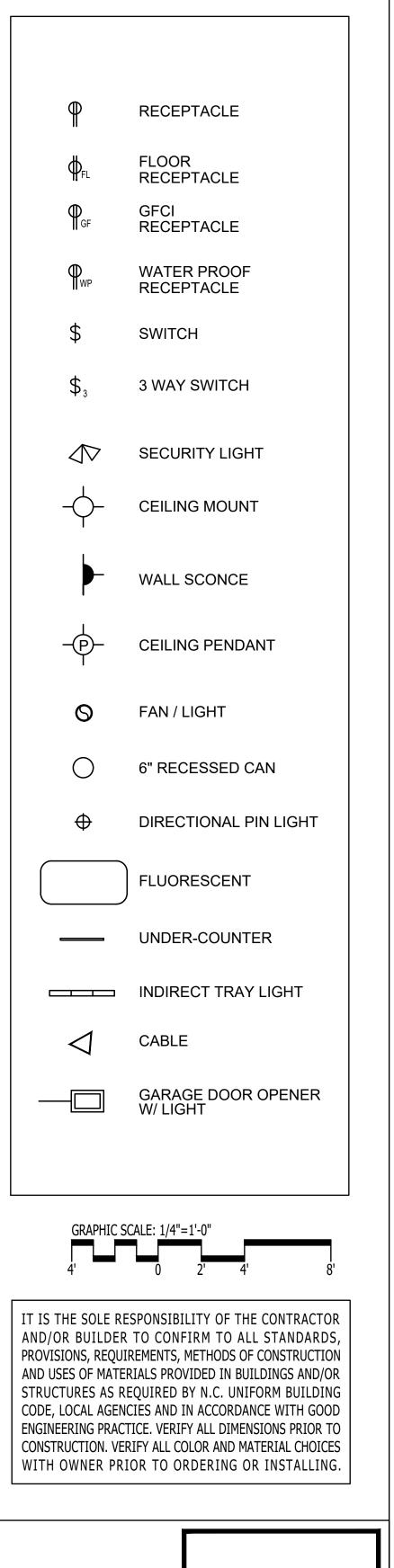
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CRAWL SPACE SHALL BE PROVIDED WITH FLOOD OPENINGS THAT MEET THE FOLLOWING

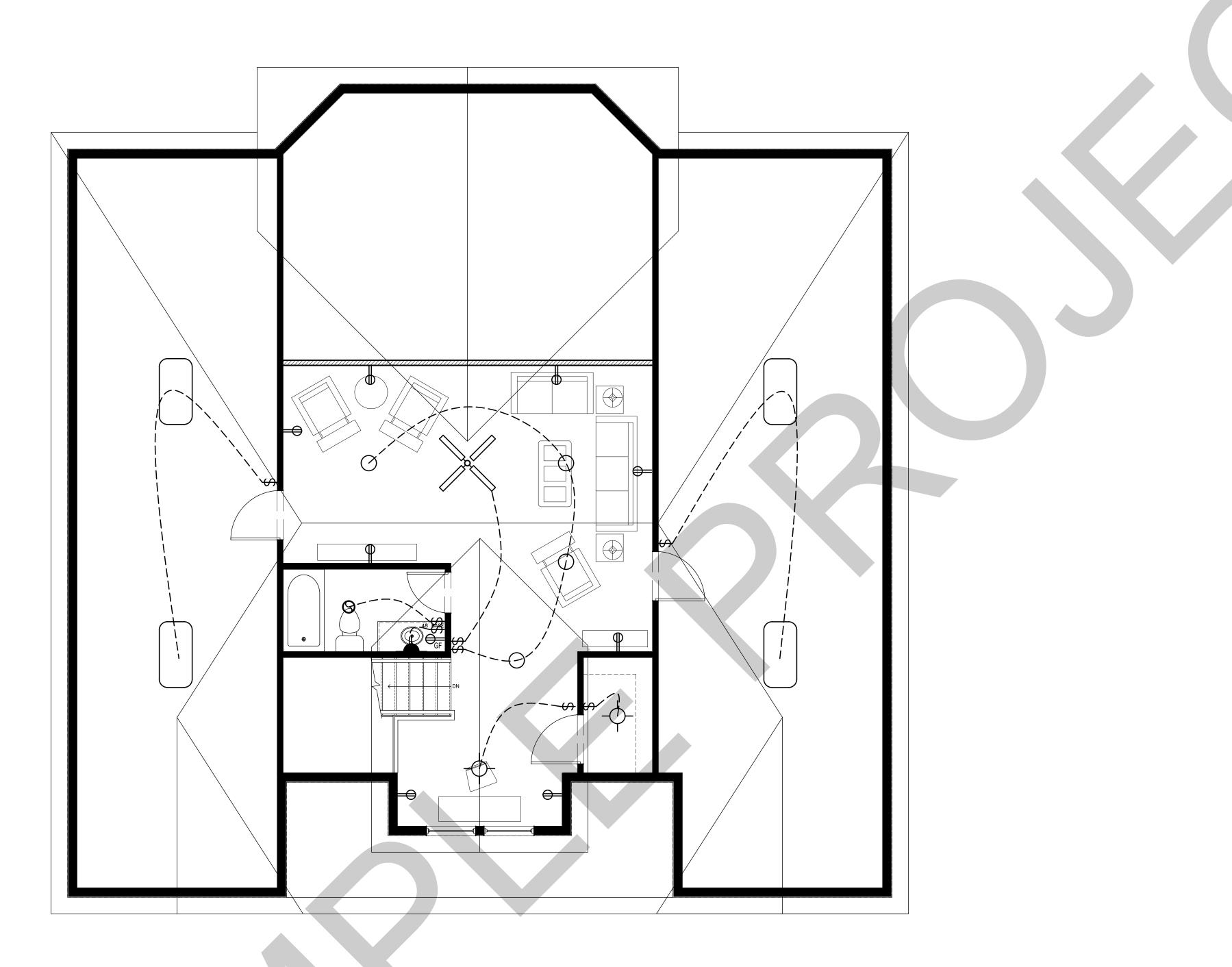
1. THERE SHALL BE A MINIMUM OF TWO OPENINGS ON DIFFERENT SIDES OF EACH ENCLOSED ARE BELOW THE DESIGN FLOOD ELEVATION. OPENINGS SHALL BE LOCATED

2. THE TOTAL NET AREA OF ALL OPENINGS SHALL BE AT LEASE 1 SQUARE INCH FOR EACH SQUARE FOOT OF ENCLOSED AREA.











SECOND FLOOR ELECTRICAL PLAN Scale: 1/4" = 1'-0"



1202-A Pollock Street New Bern, NC 28560 2 5 2 - 6 3 3 - 0 3 2 2 www.goarchdesign.com

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MORTH

CUSTOM HOME NEW BERN, NC 28560

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# RECEPTACLE FLOOR RECEPTACLE $\Phi_{FL}$ GFCI ₽<sub>GF</sub> RECEPTACLE WATER PROOF RECEPTACLE ¶<sub>₩P</sub> SWITCH 3 WAY SWITCH \$₃ SECURITY LIGHT $\overline{\mathbf{A}}$ CEILING MOUNT WALL SCONCE CEILING PENDANT -(P)-FAN / LIGHT $\odot$ 6" RECESSED CAN $\bigcirc$ DIRECTIONAL PIN LIGHT $\oplus$ FLUORESCENT UNDER-COUNTER \_\_\_\_\_ INDIRECT TRAY LIGHT CABLE $\triangleleft$ GARAGE DOOR OPENER W/ LIGHT GRAPHIC SCALE: 1/4"=1'-0" IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR BUILDER TO CONFIRM TO ALL STANDARDS, PROVISIONS, REQUIREMENTS, METHODS OF CONSTRUCTION AND USES OF MATERIALS PROVIDED IN BUILDINGS AND/OR STRUCTURES AS REQUIRED BY N.C. UNIFORM BUILDING CODE, LOCAL AGENCIES AND IN ACCORDANCE WITH GOOD ENGINEERING PRACTICE. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION. VERIFY ALL COLOR AND MATERIAL CHOICES WITH OWNER PRIOR TO ORDERING OR INSTALLING. **E-102**

ELECTRICAL PLANS