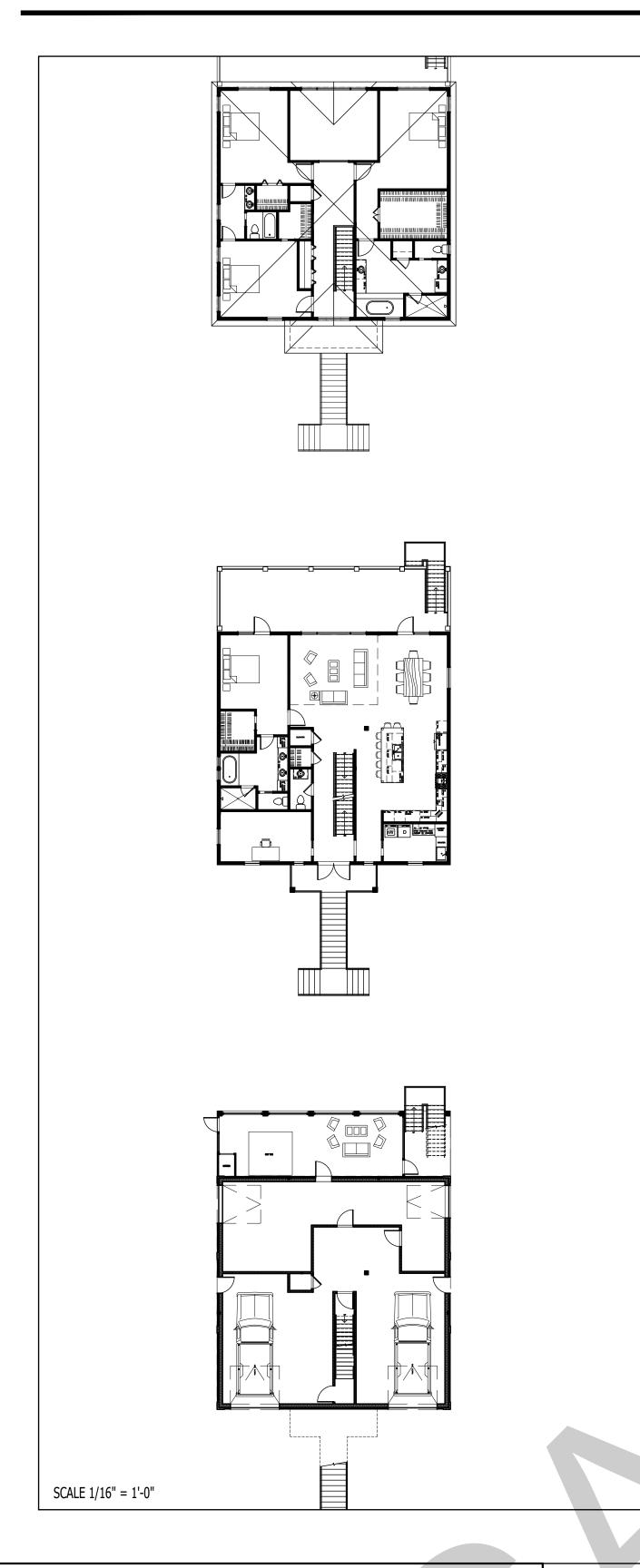
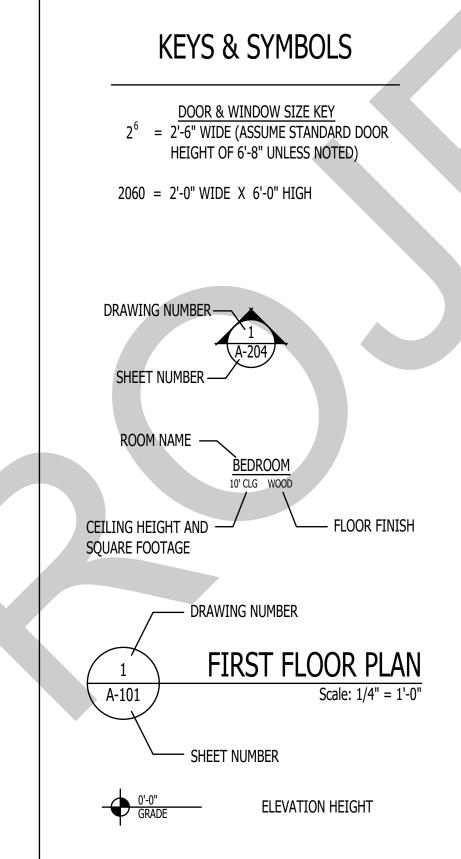
CUSTOM HOME







Revisions:



ELECTRICAL LEGEND

- FLOOR RECEPTACLE
- GFCI RECEPTACLE
- WATER PROOF RECEPTACLE
- 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



GARAGE DOOR OPENER W/ LIGHT

NET SQUARE FOOTAGE

A-301 BUILDING SECTION

A-302 BUILDING SECTION

E-101 ELECTRICAL PLANS

E-102 ELECTRICAL PLANS

SHEET SCHEDULE

A-101 GARAGE FLOOR PLAN

A-103 SECOND FLOOR PLAN

A-102 FIRST FLOOR PLAN

A-105 FOUNDATION PLAN

A-108 ROOF FRAMING PLAN

A-106 1ST FLOOR FRAMING PLAN

A-107 2ND FLOOR FRAMING PLAN

A-205 ENLARGED PLANS/ INT. ELEVS.

G-101 TITLE SHEET

C-101 SITE PLAN

A-104 ROOF PLAN

A-201 ELEVATION

A-202 ELEVATION

A-203 ELEVATION

A-204 ELEVATION

NON HEATED **GARAGE**

1032 SF 556 SF STORAGE **PORCHES** 1079 SF

HEATED / COOLED

FIRST FLOOR PLAN 1690 SF 1392 SF SECOND FLOOR PLAN **TOTAL** 3,082 SF

GRAPHIC SCALE: 1/32"=1'-0"

GRAPHIC SCALE: 1/16"=1'-0"

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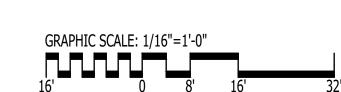
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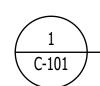
G-101

TITLE SHEET





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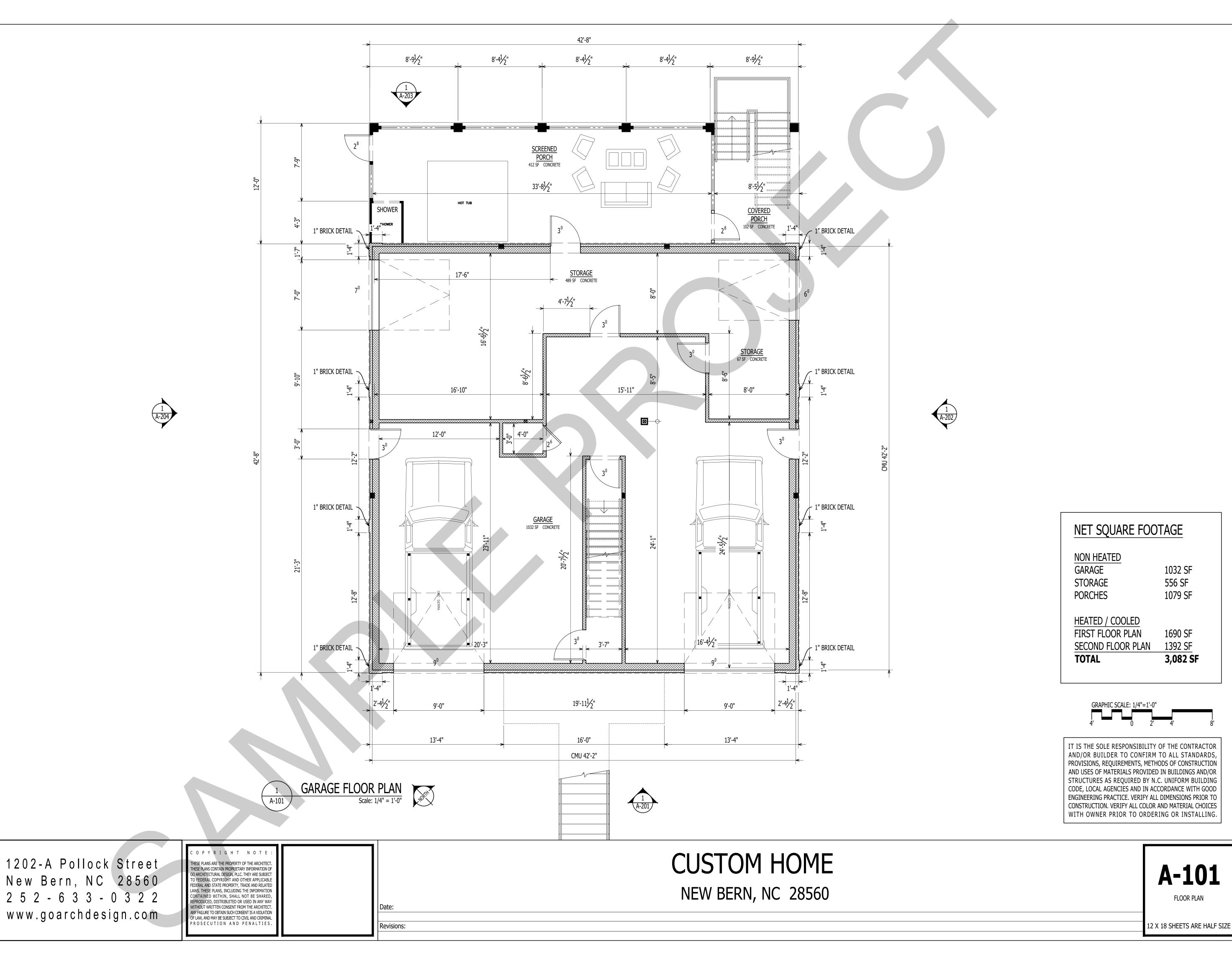
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C-101 SITE PLAN

Revisions:

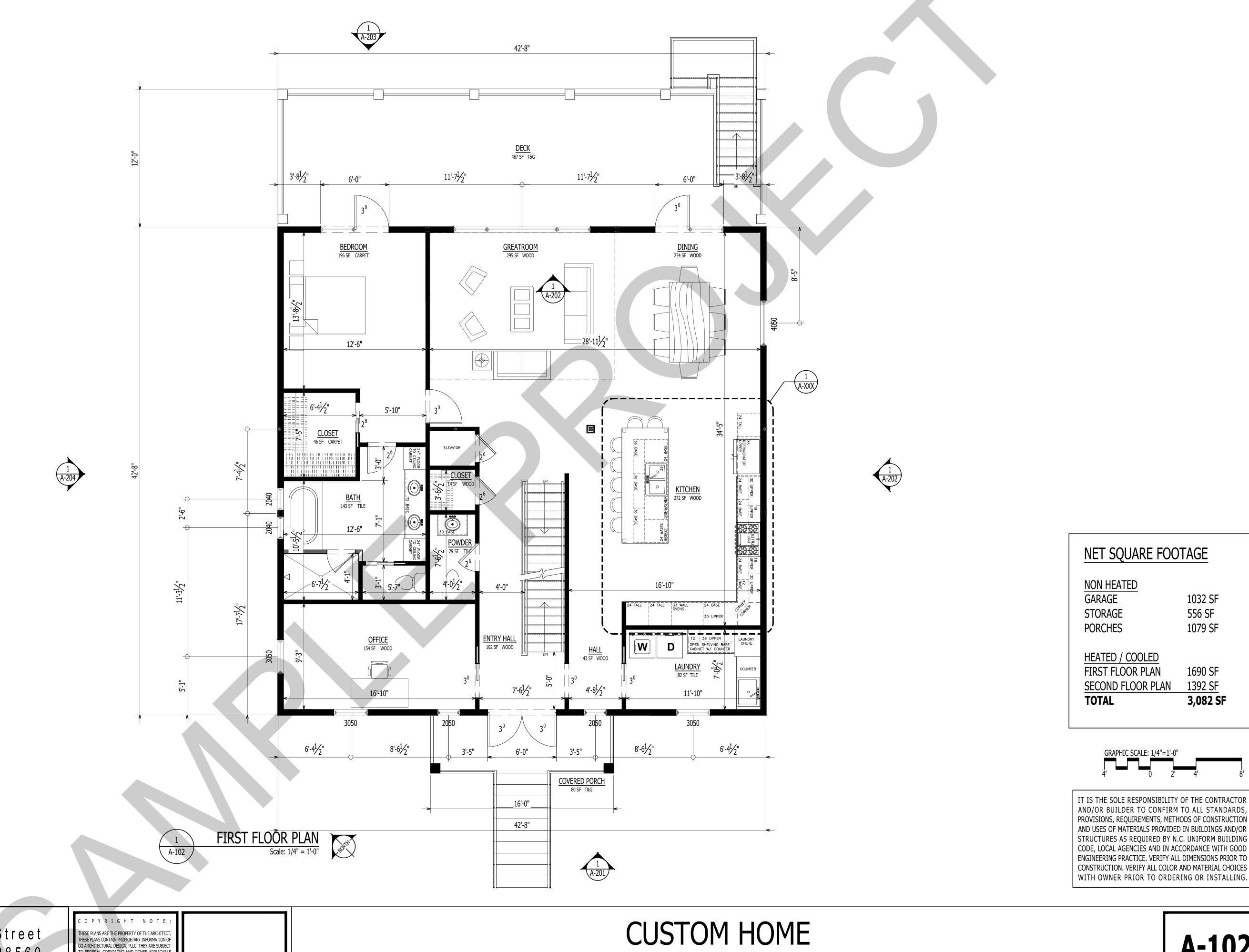


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DESIGN

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DESIGN ——PLLC—

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Revisions:

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A-102

1032 SF

1079 SF

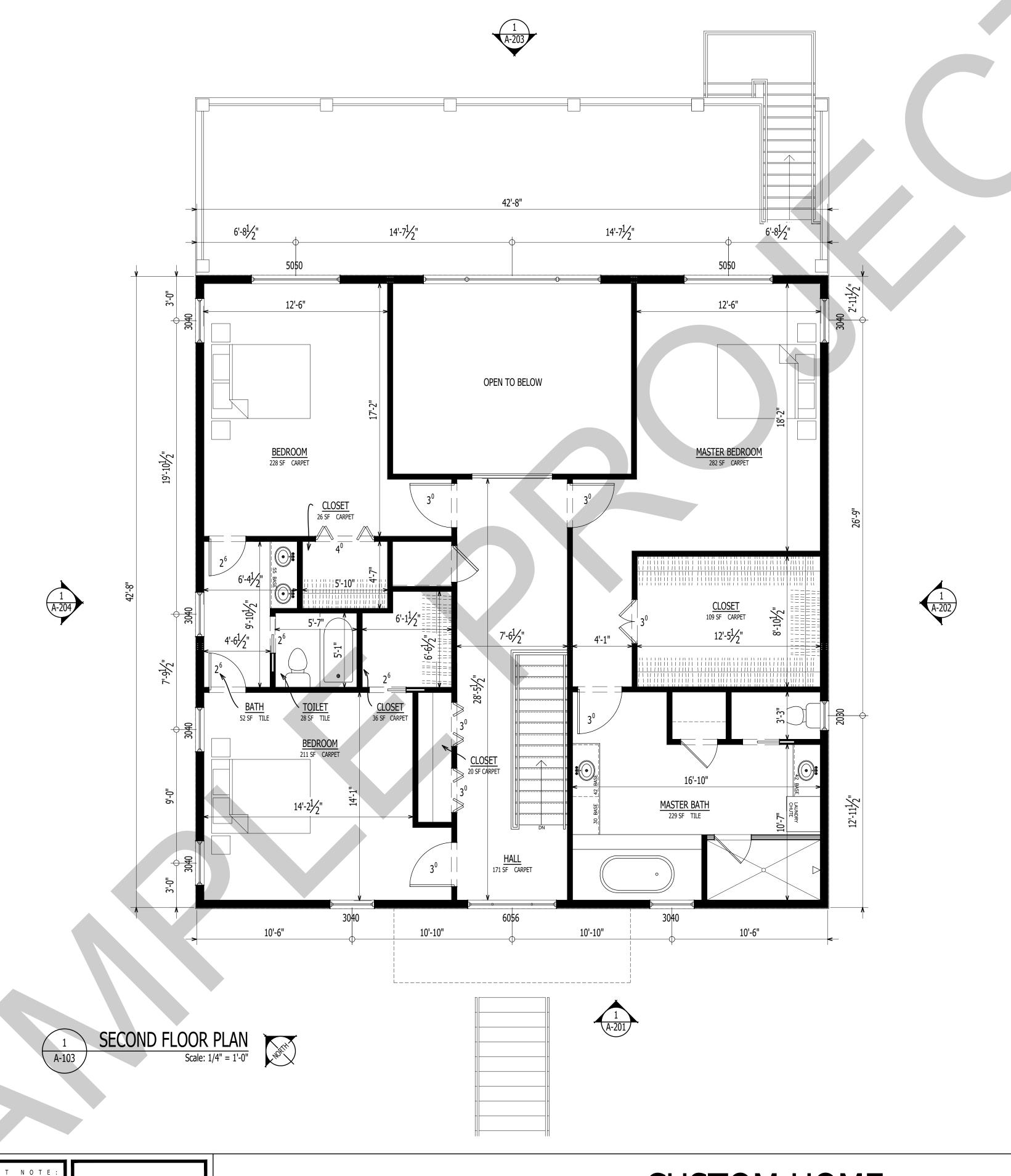
1690 SF

1392 SF

3,082 SF

556 SF

FLOOR PLAN





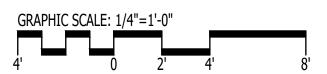
NON HEATED

GARAGE 1032 SF STORAGE 556 SF **PORCHES** 1079 SF

HEATED / COOLED

FIRST FLOOR PLAN 1690 SF SECOND FLOOR PLAN 1392 SF 3,082 SF

TOTAL



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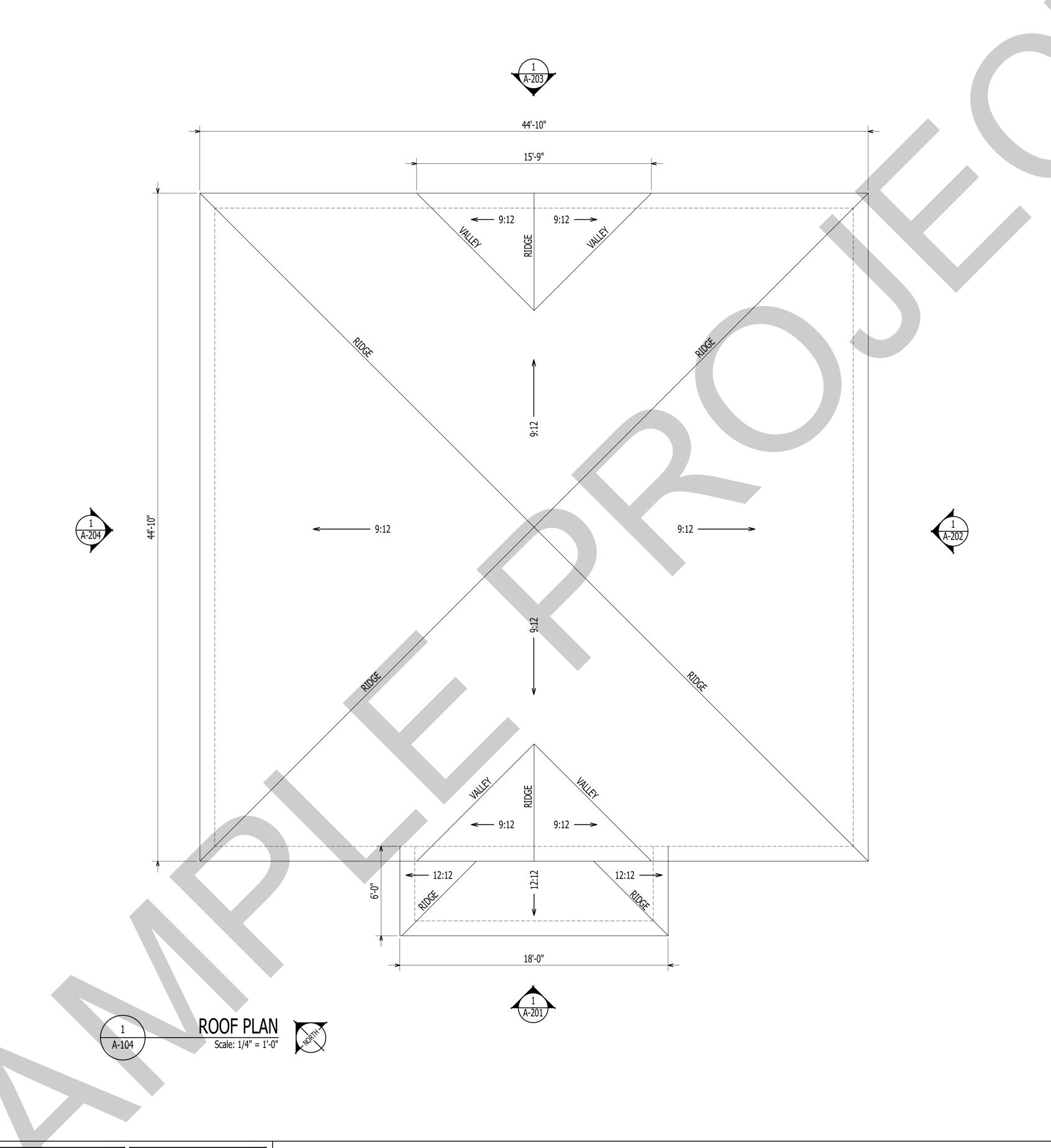
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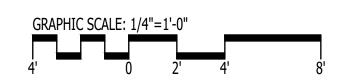
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A-103

SECOND PLAN





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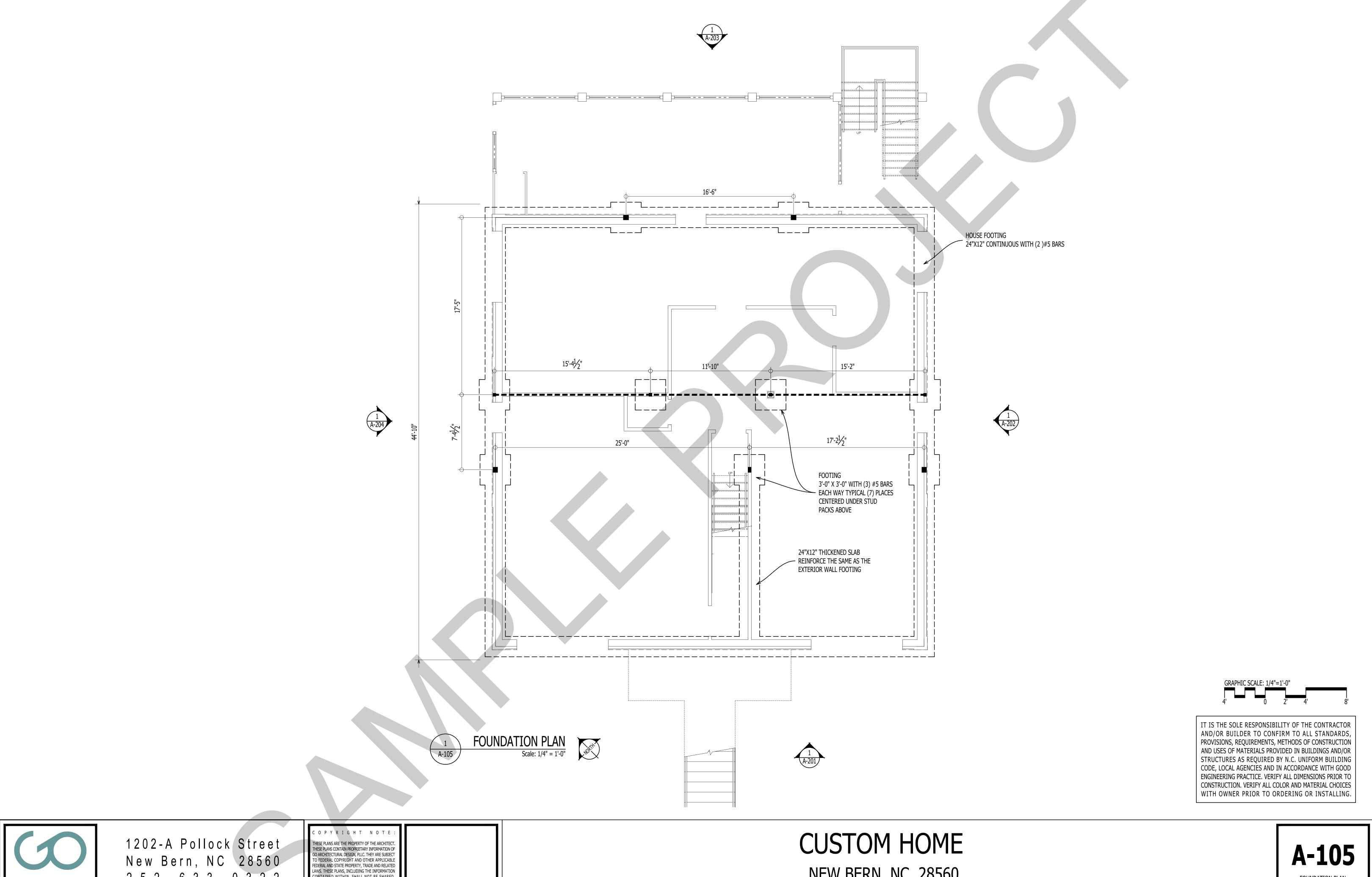
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A-104

ROOF PLAN



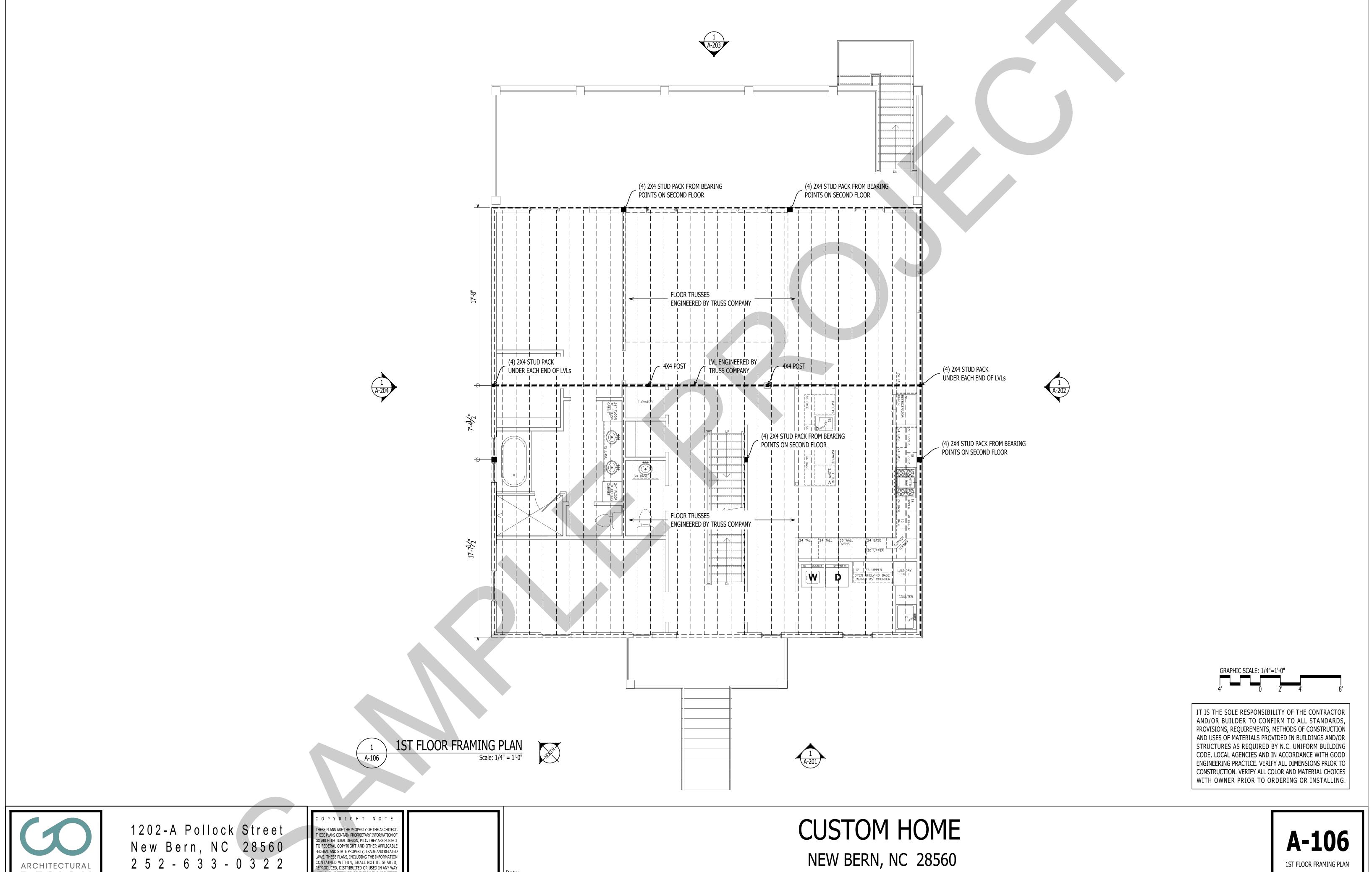
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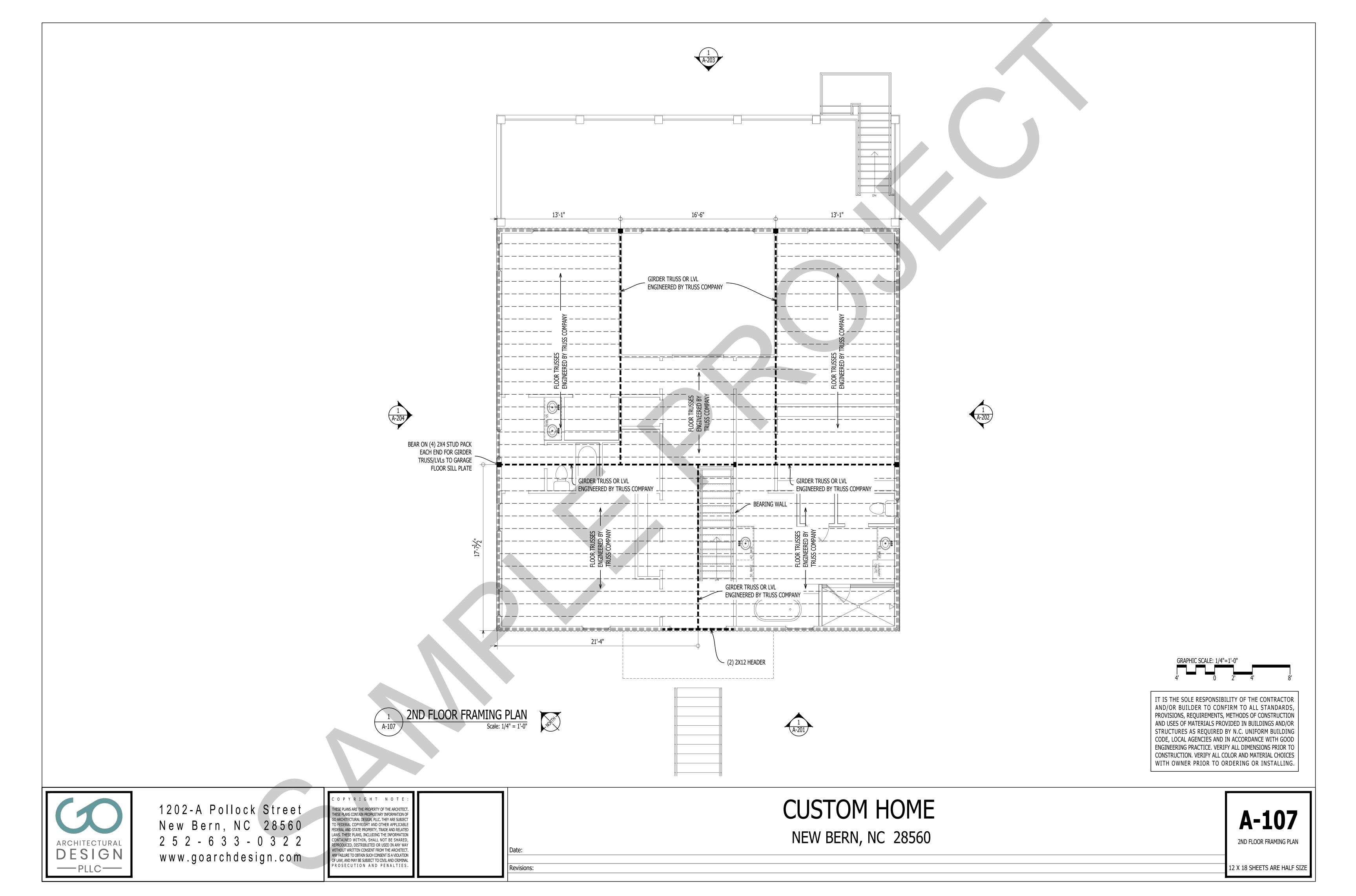
FOUNDATION PLAN

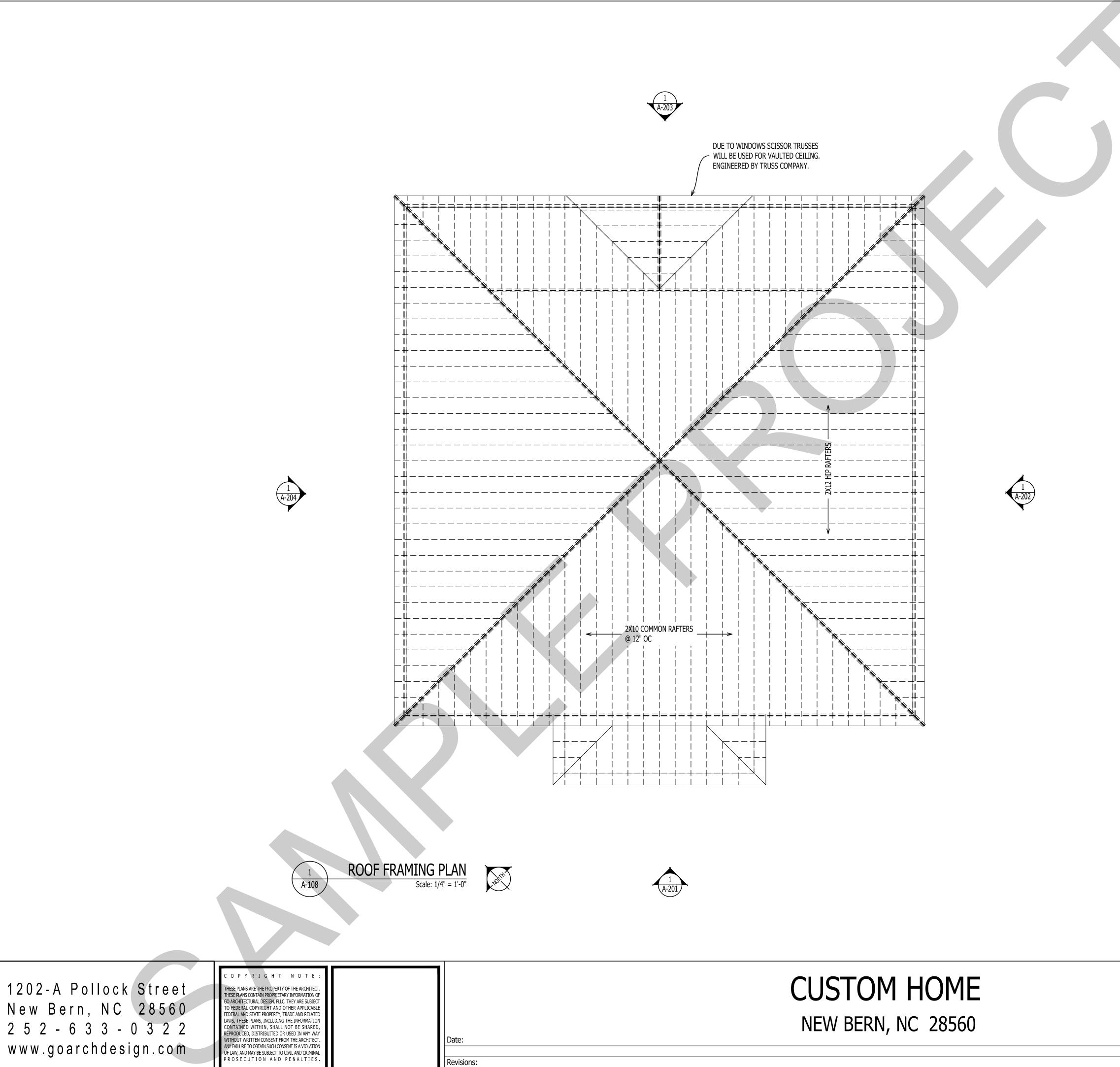


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DESIGN

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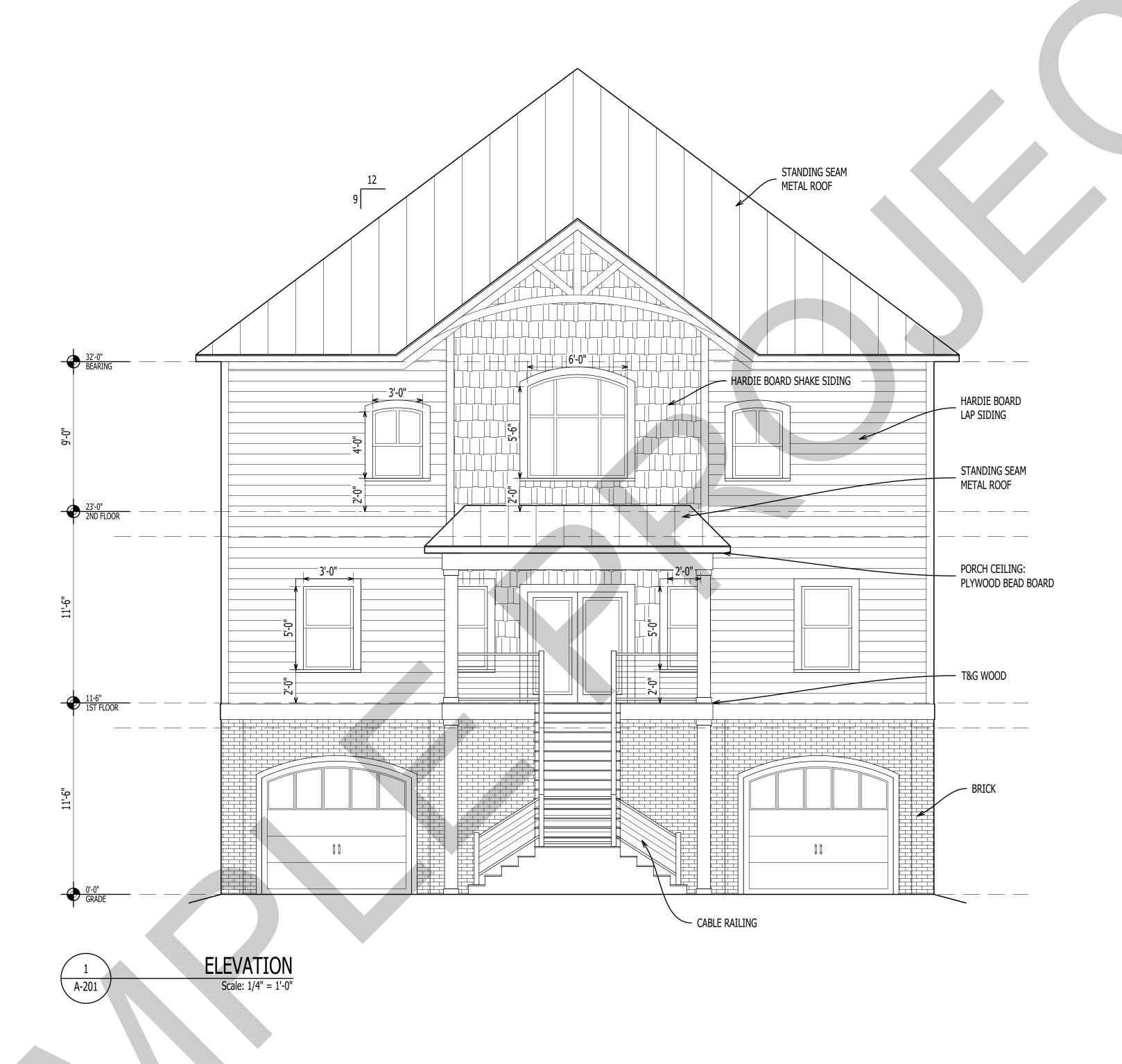
A-108 ROOF FRAMING PLAN

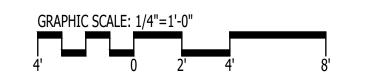
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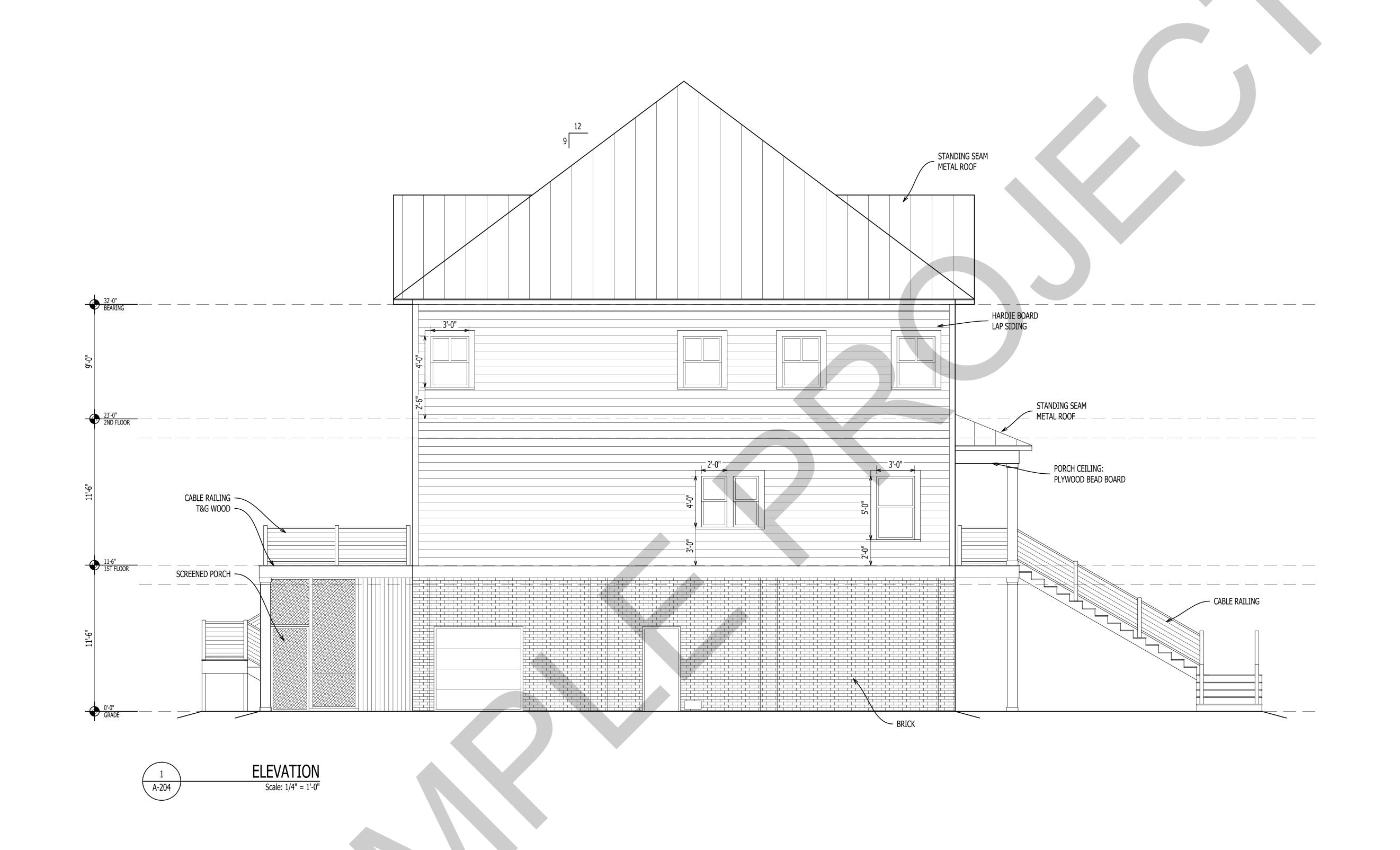
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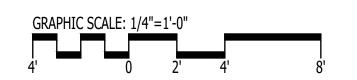
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A-201 ELEVATIONS





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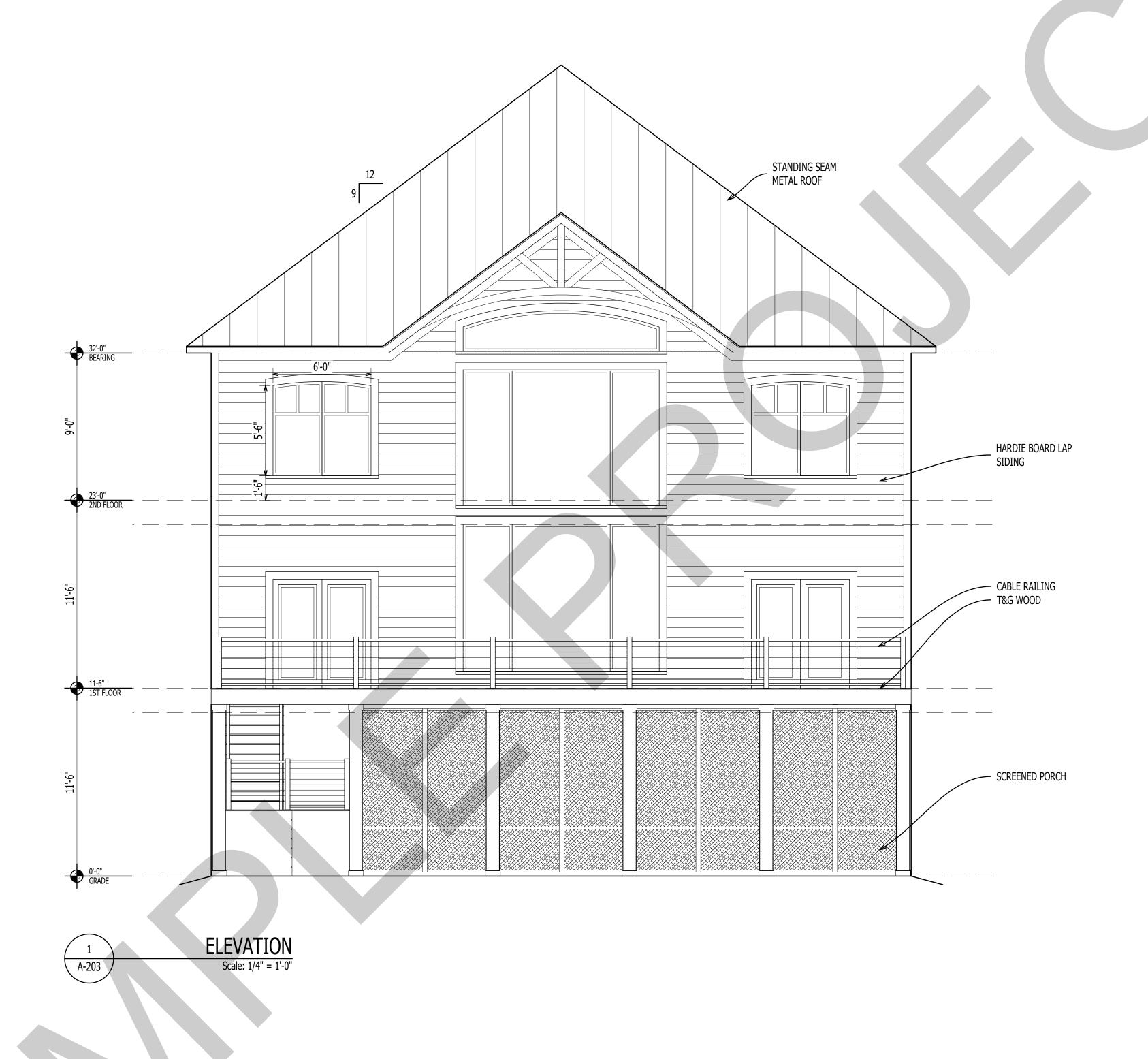
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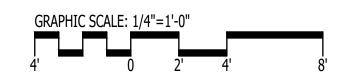
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A-202

ELEVATIONS





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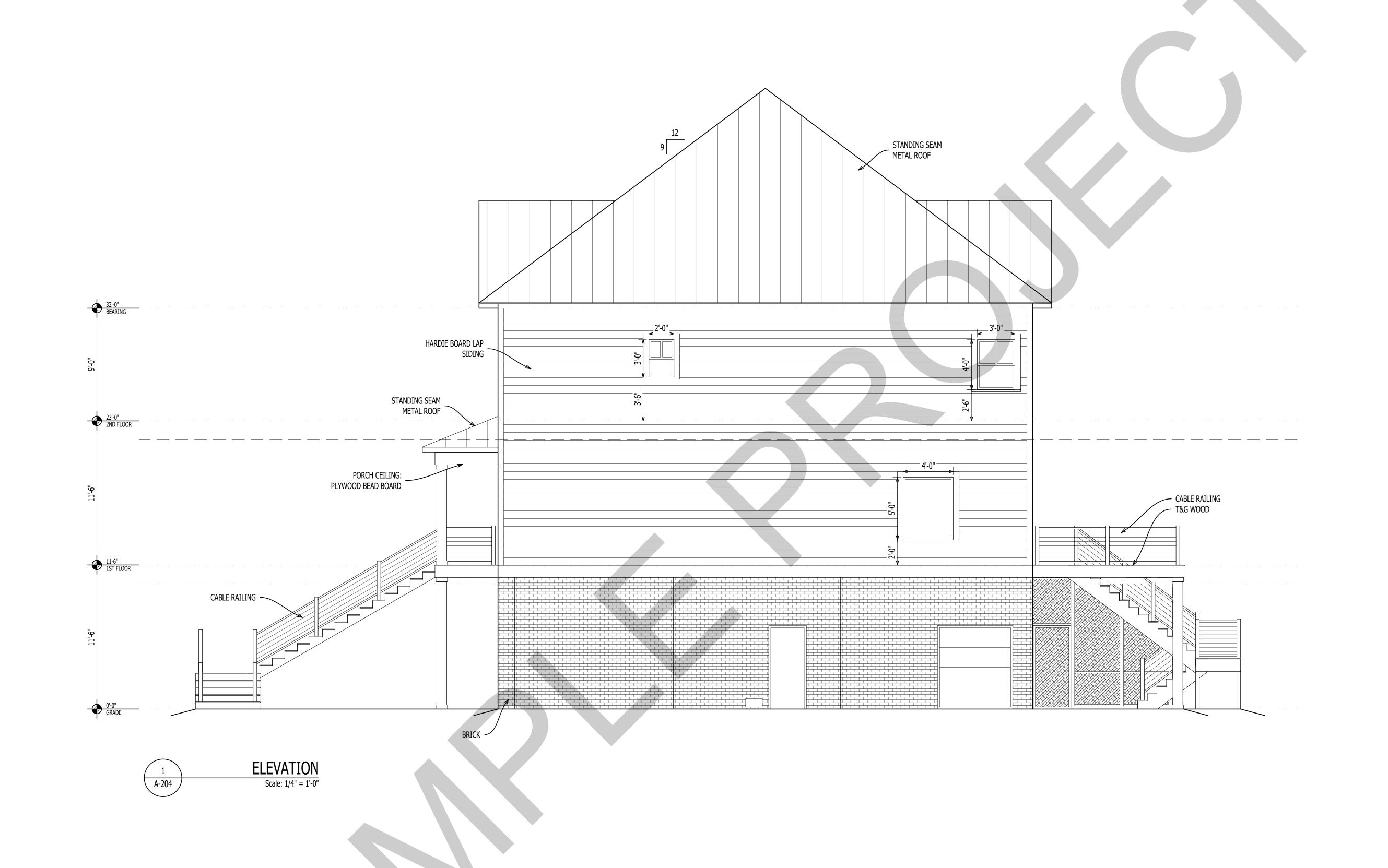
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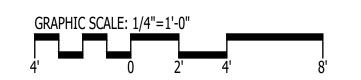
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A-203 ELEVATIONS





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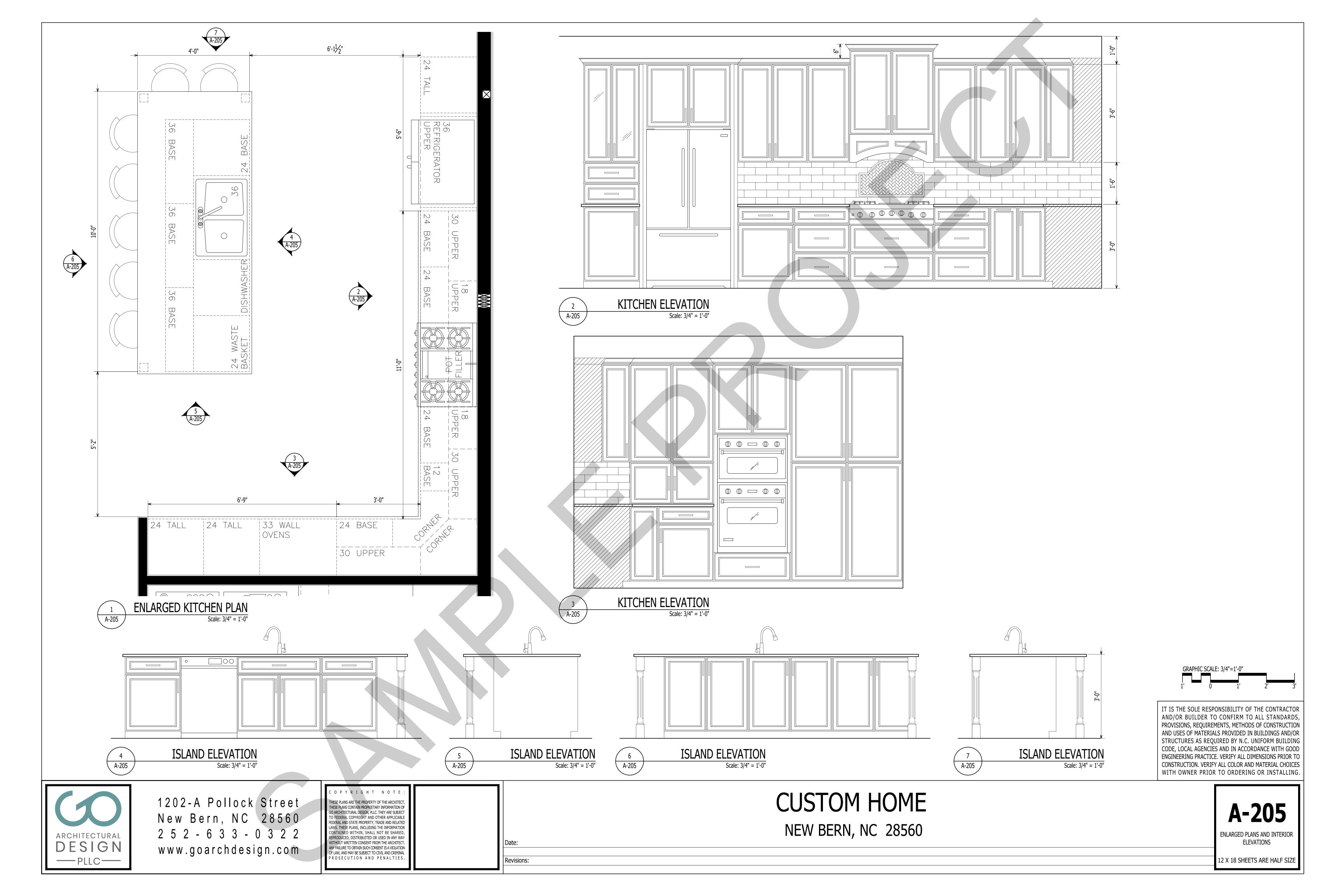
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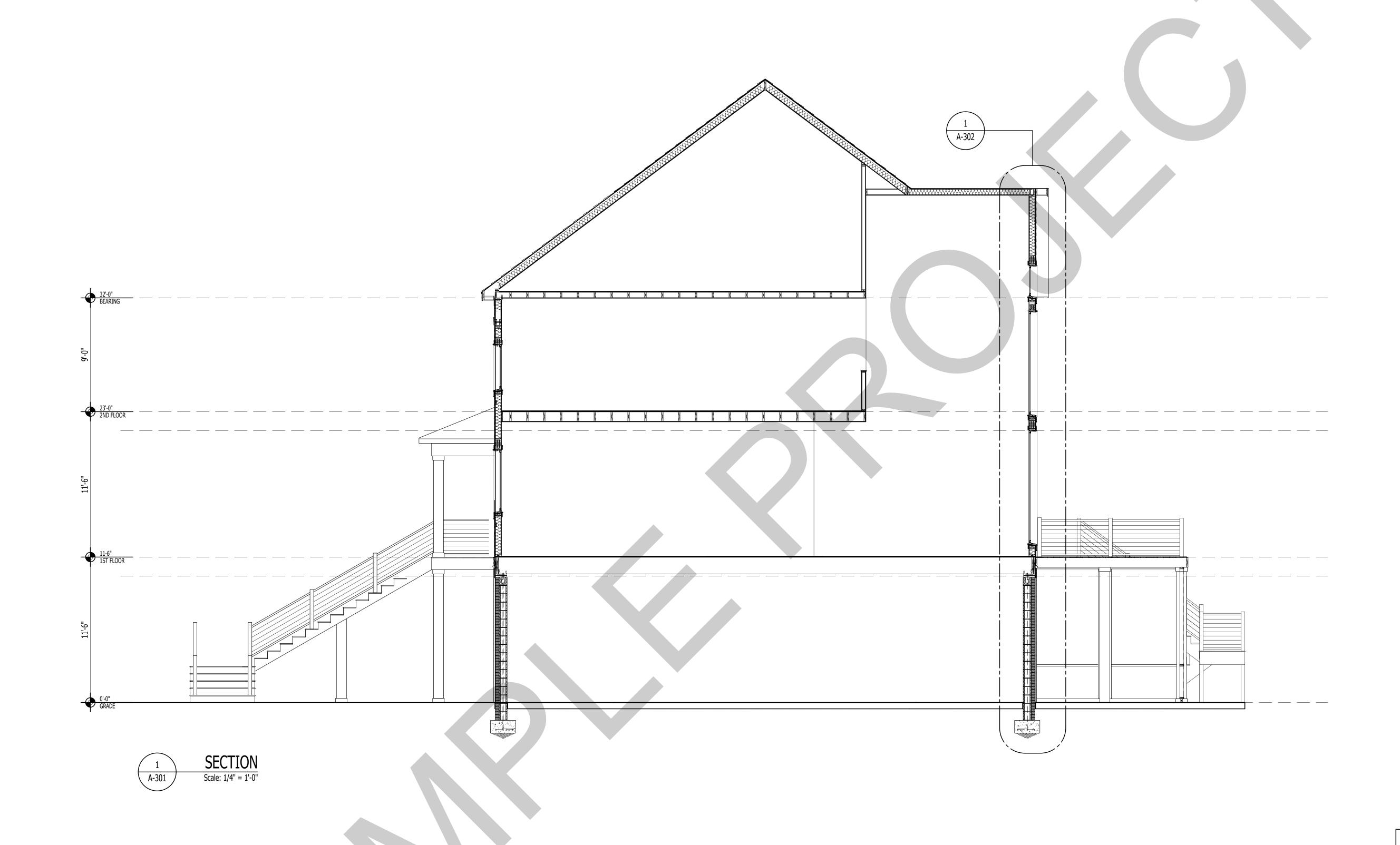
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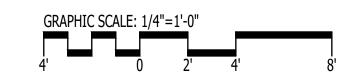
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A-204 ELEVATIONS







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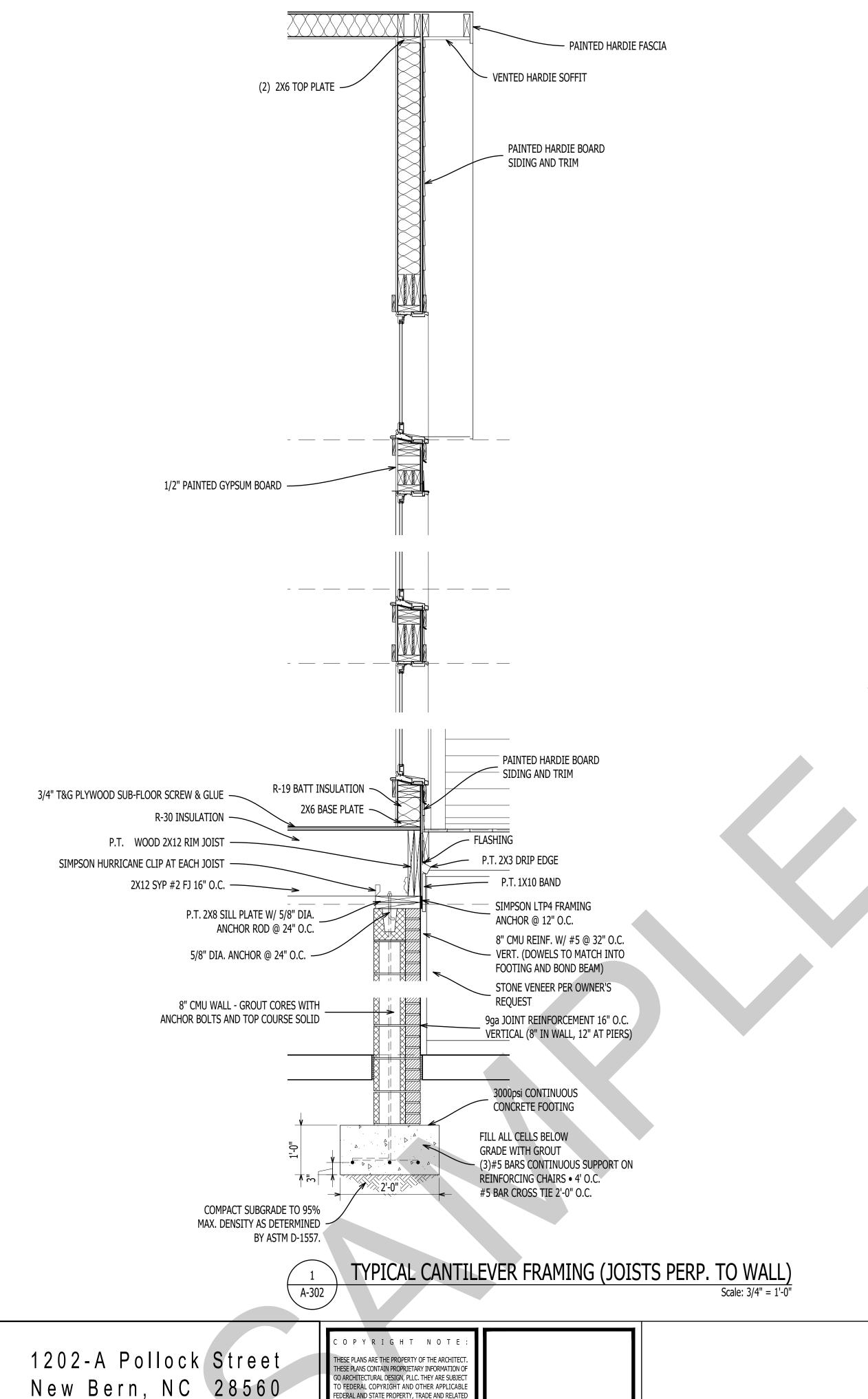
Revisions:

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NEW BERN, NC 28560

A-301

BUILDING SECTION



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

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

GRAPHIC SCALE: 3/4"=1'-0"

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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

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

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

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

ENCLOSED ARE BELOW THE DESIGN FLOOD ELEVATION. OPENINGS SHALL BE LOCATED

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 $\frac{7}{16}$ " 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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FOUNDATION NOTES:

ON EXTERIOR WALLS.

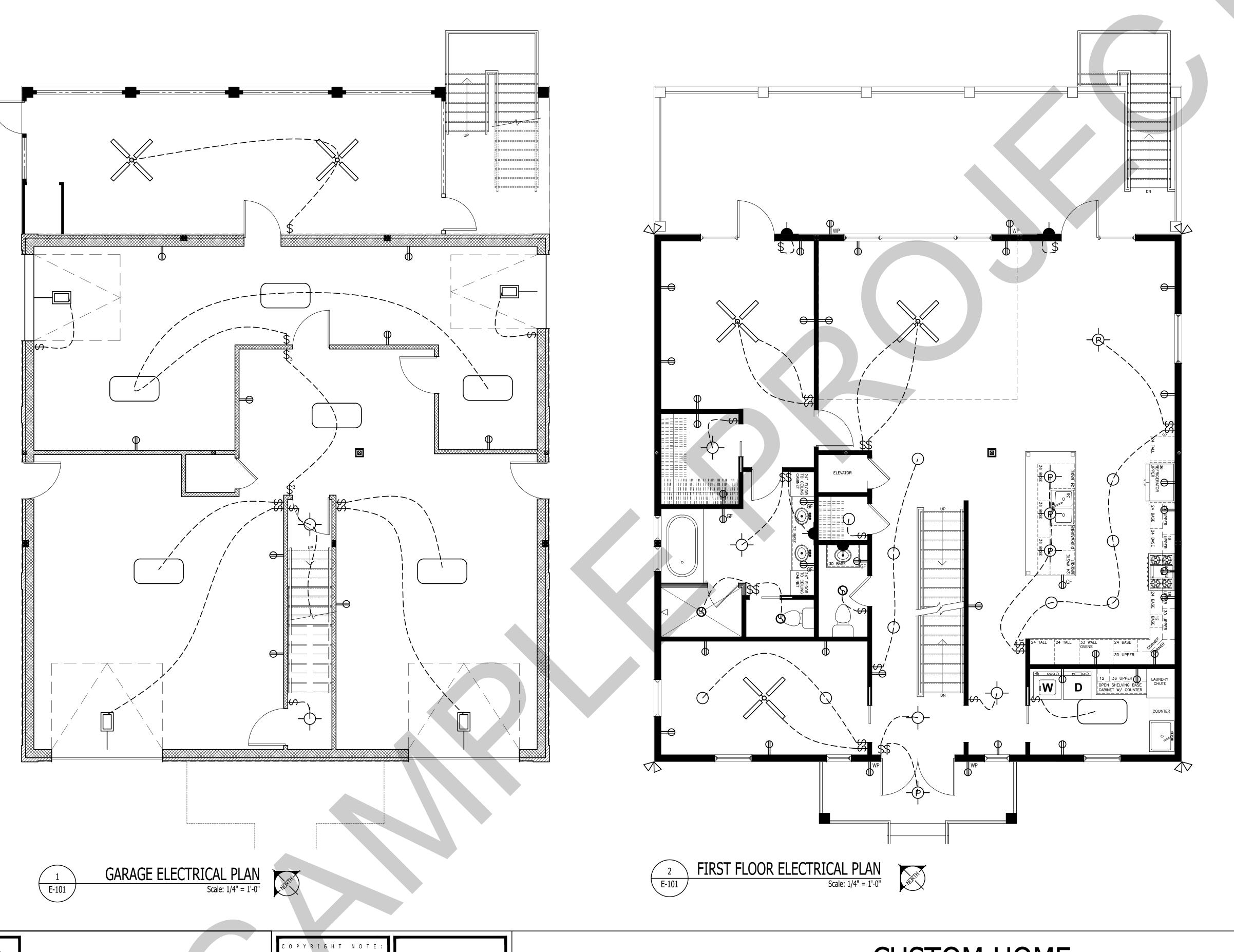
GROUND LEVEL.

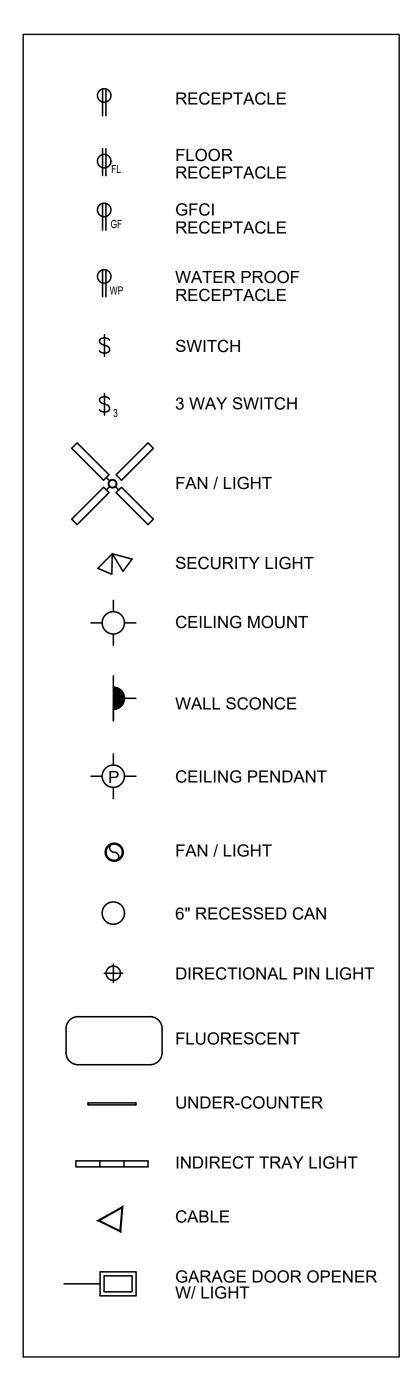
THE WALL.

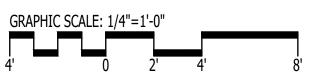
EACH SQUARE FOOT OF ENCLOSED AREA.

CRITERIA:

A-302
WALL SECTIONS







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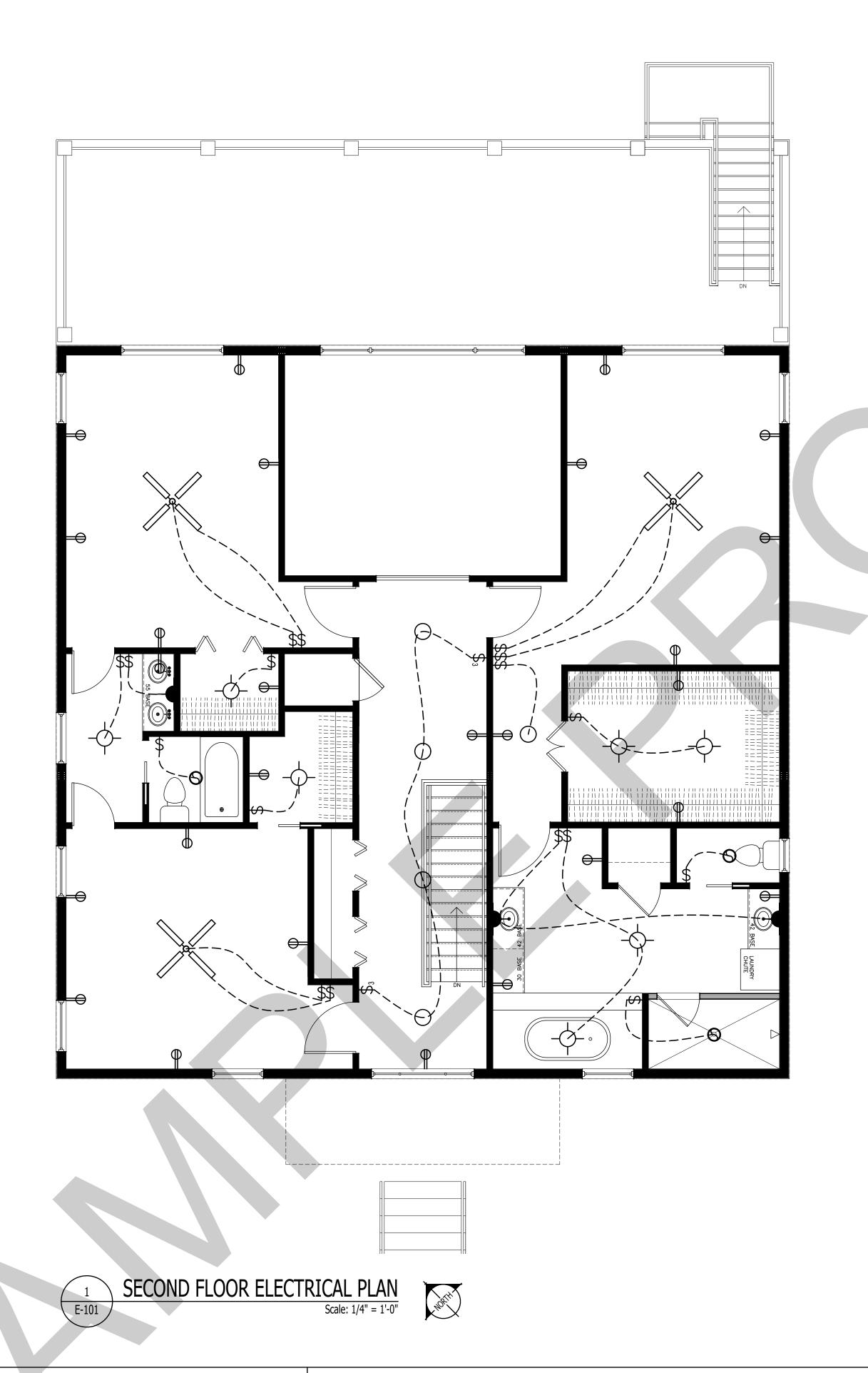
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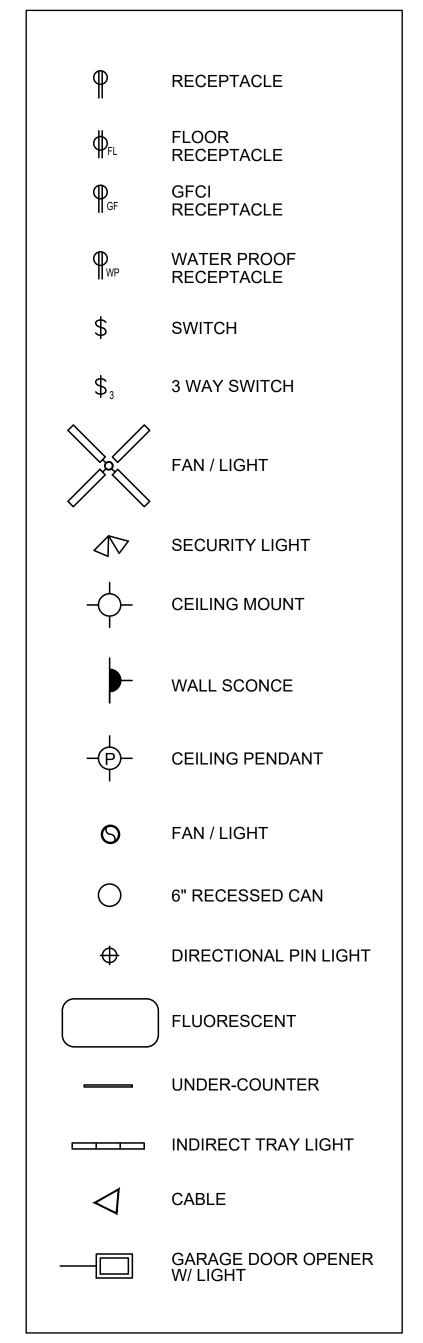
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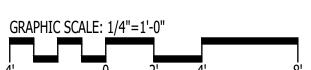
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