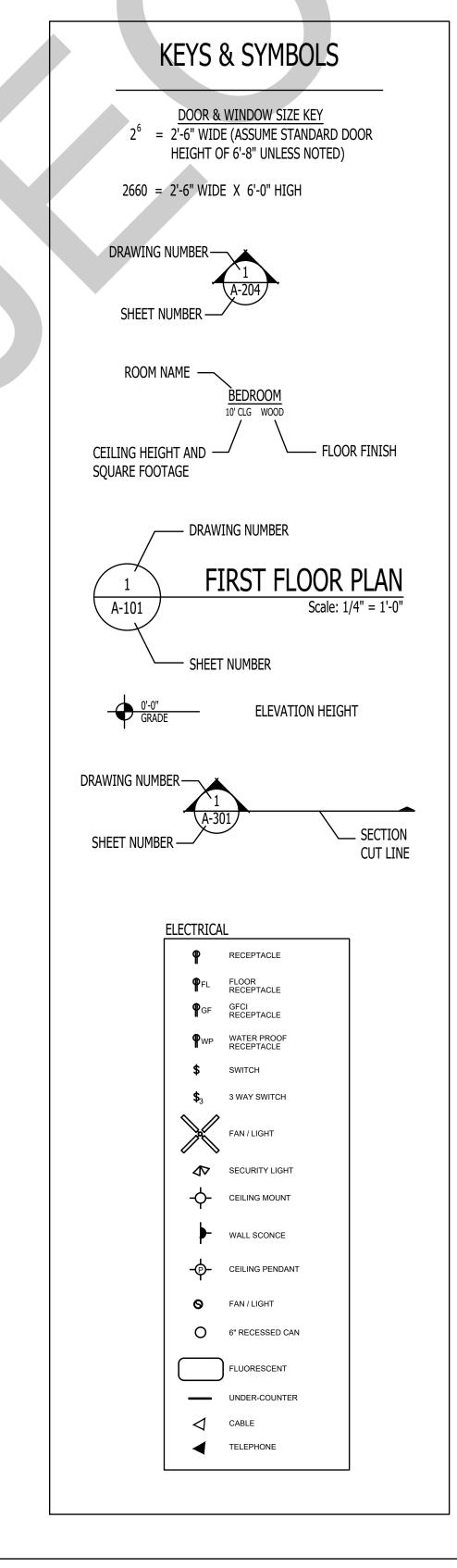
# MOREHEAD CITY BEACH HOUSE





### SHEET SCHEDULE

G-101 TITLE SHEET
C-101 SITE PLAN
A-101 FIRST FLOOR PLAN
A-102 SECOND FLOOR PLAN
A-103 THIRD FLOOR PLAN
A-104 ROOF PLAN
A-201 ELEVATION
A-202 ELEVATION CONT.
A-203 ELEVATION CONT.
A-204 ELEVATION CONT.
A-205 INTERIOR ELEVATIONS
A-301 WALL SECTION
A-302 WALL SECTION CONT.
E-101 ELECTRICAL PLANS

## NET SQUARE FOOTAGE

NON HEATED
GARAGE

1ST FL COVERED DECK
2ND FL COVERED DECK
3RD FL COVERED DECK
396 SF

NET HEATED / COOLED
FIRST FLOOR PLAN
1,088 SF
SECOND FLOOR PLAN
1,572 SF
THIRD FLOOR PLAN
1,374 SF

TOTAL
4,034 SF

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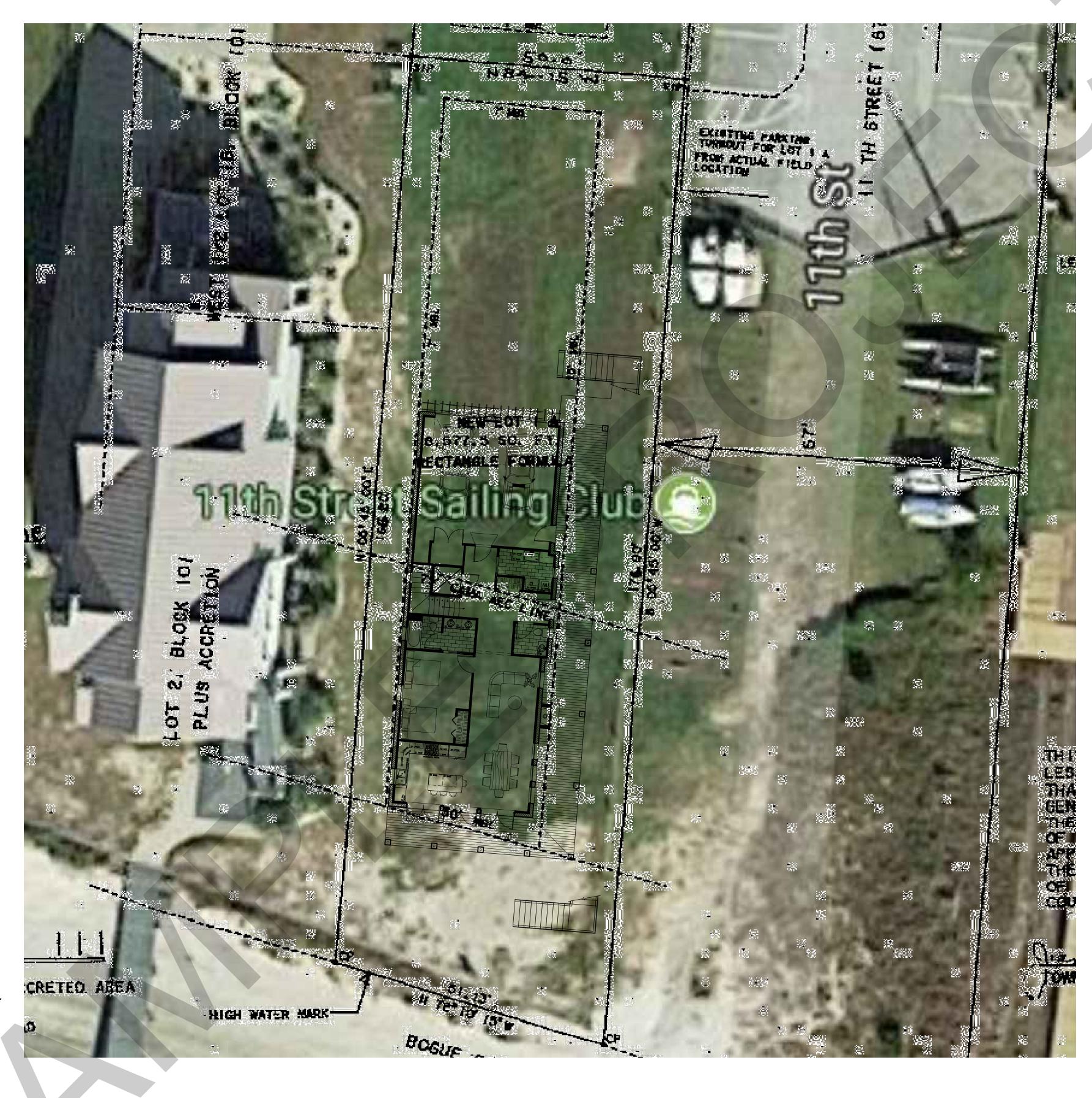
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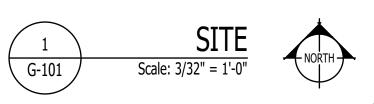
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G-101

TITLE SHEET





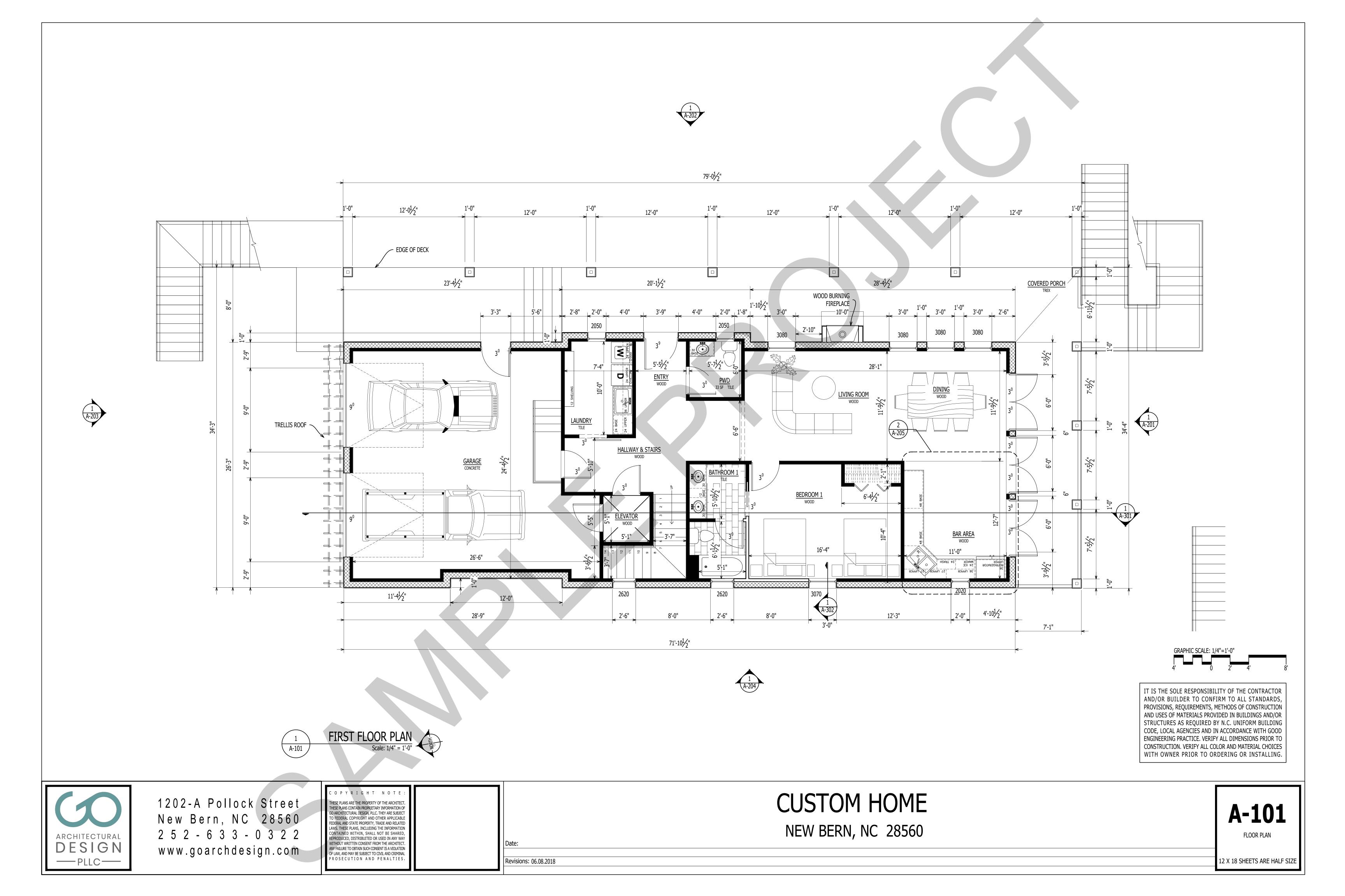
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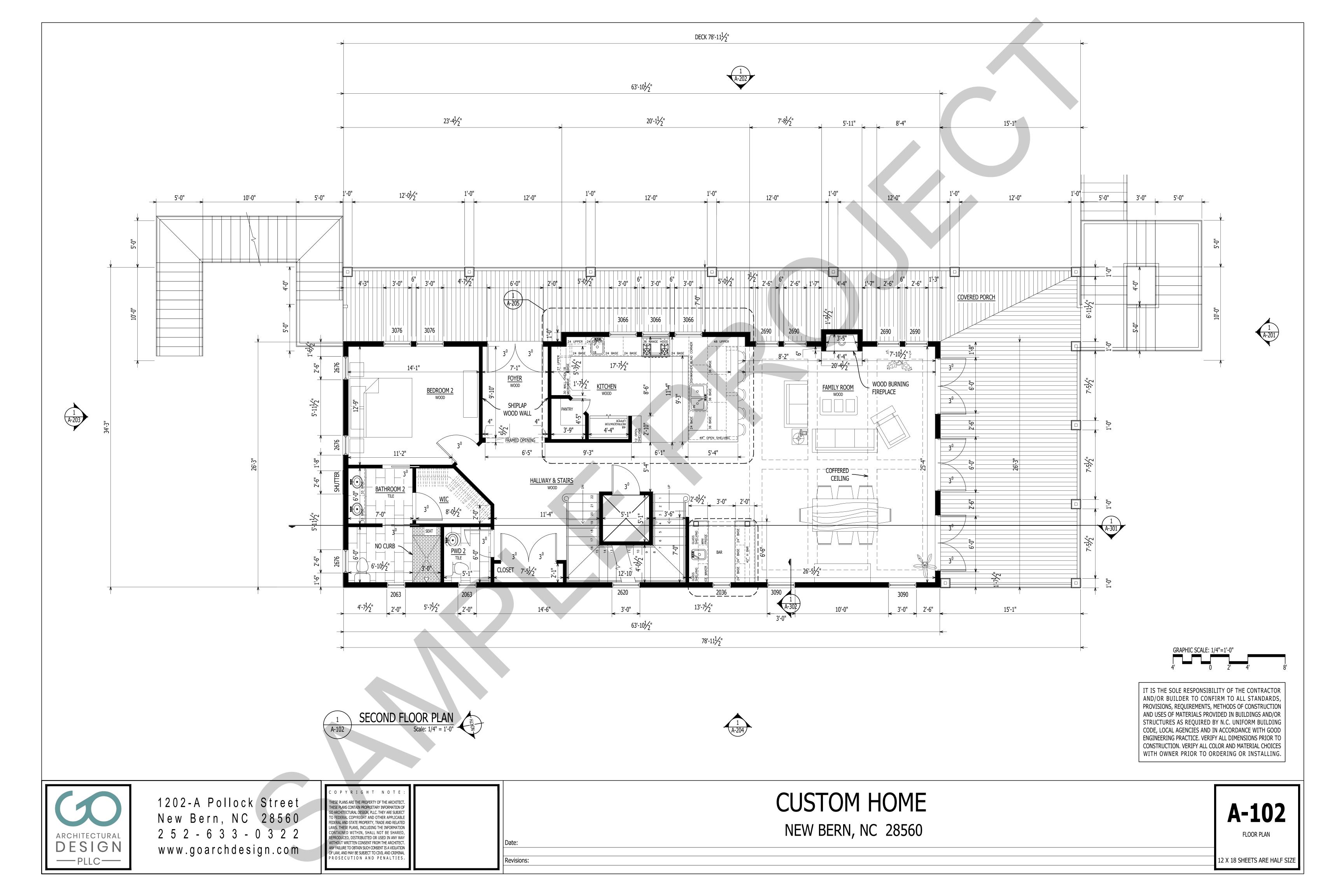
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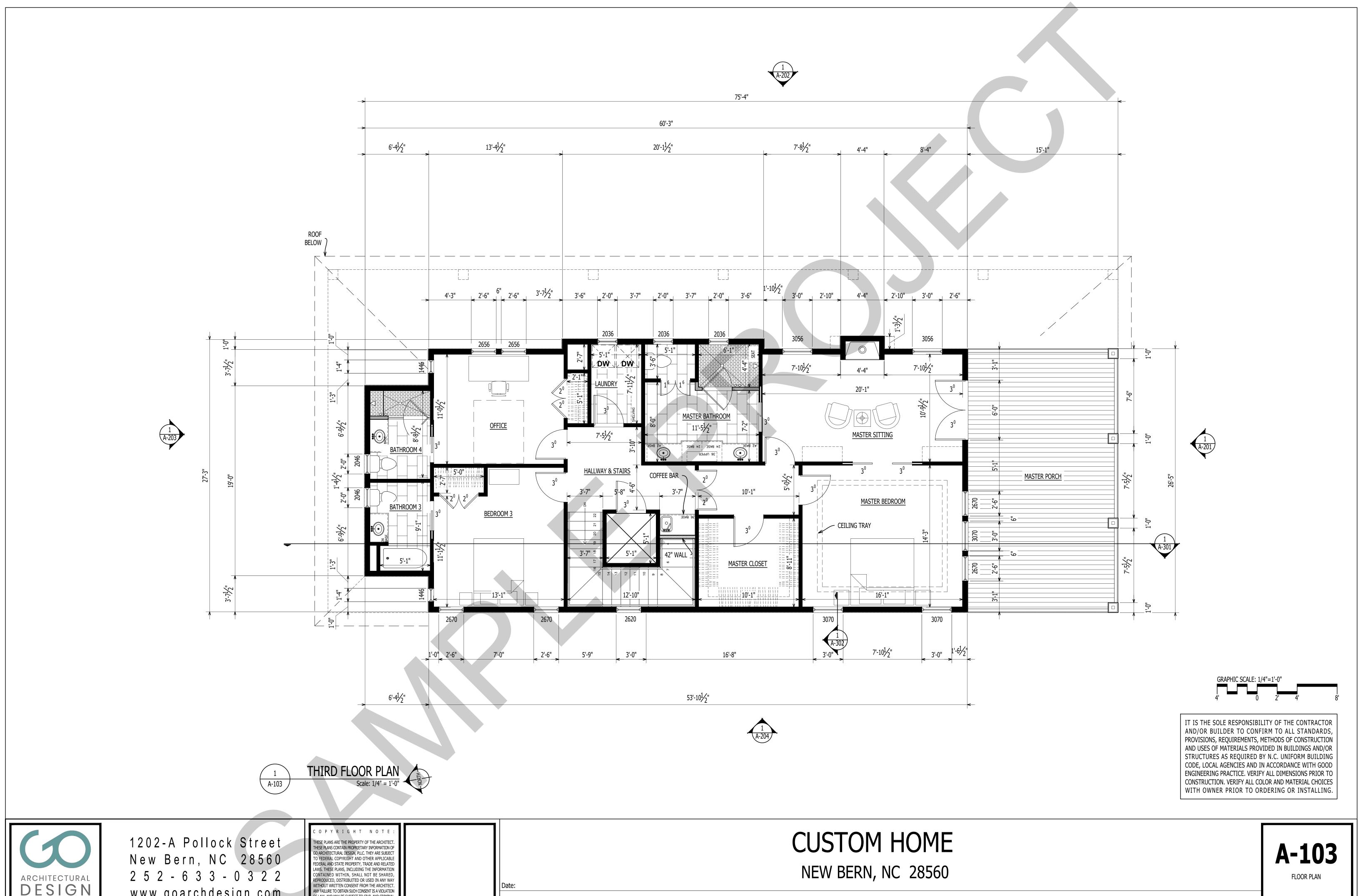
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C-101



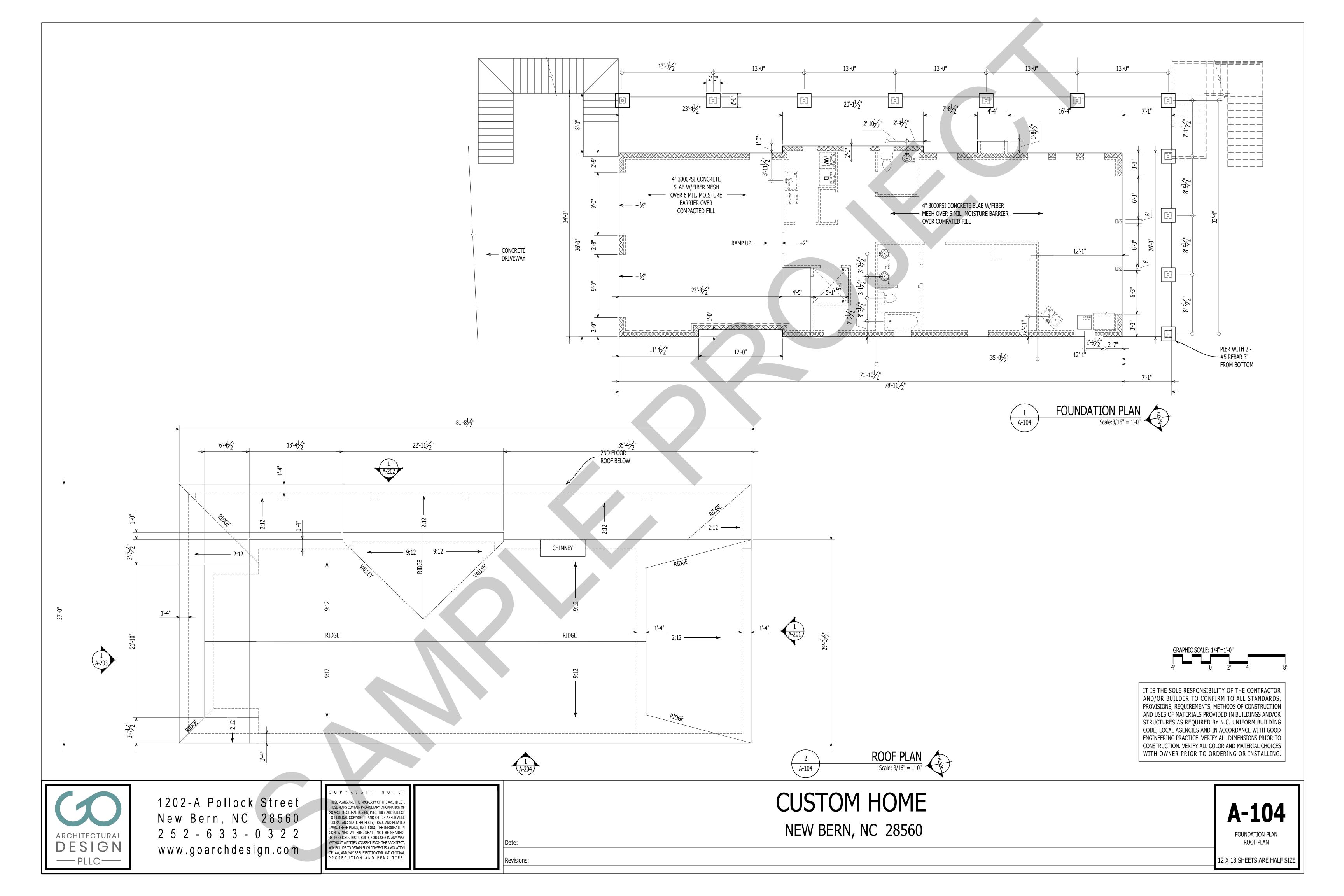


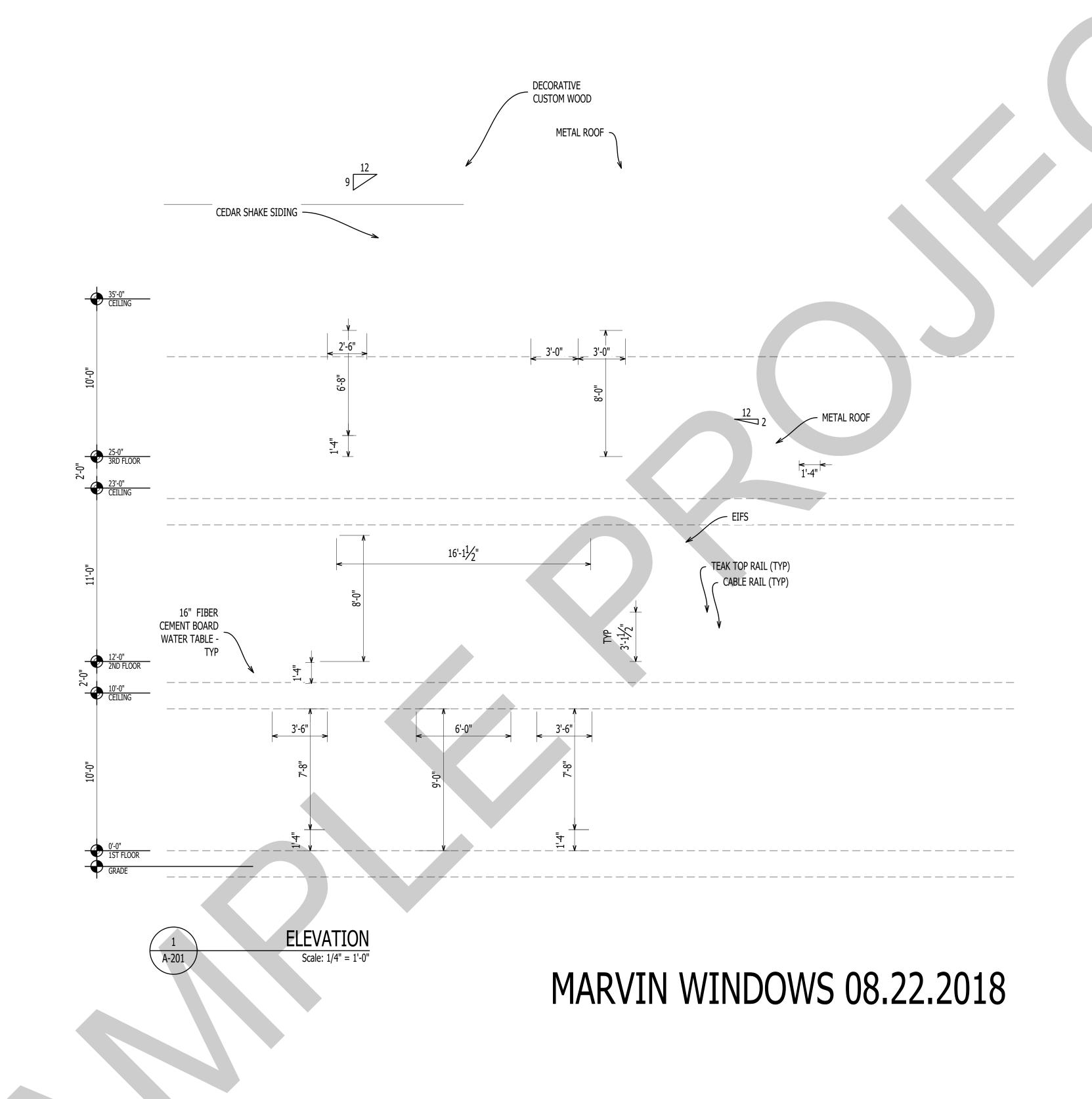


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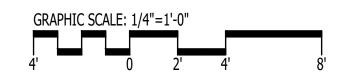
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WINDOWS WITH SILLS BELOW 18" MUST BE LAMINATED





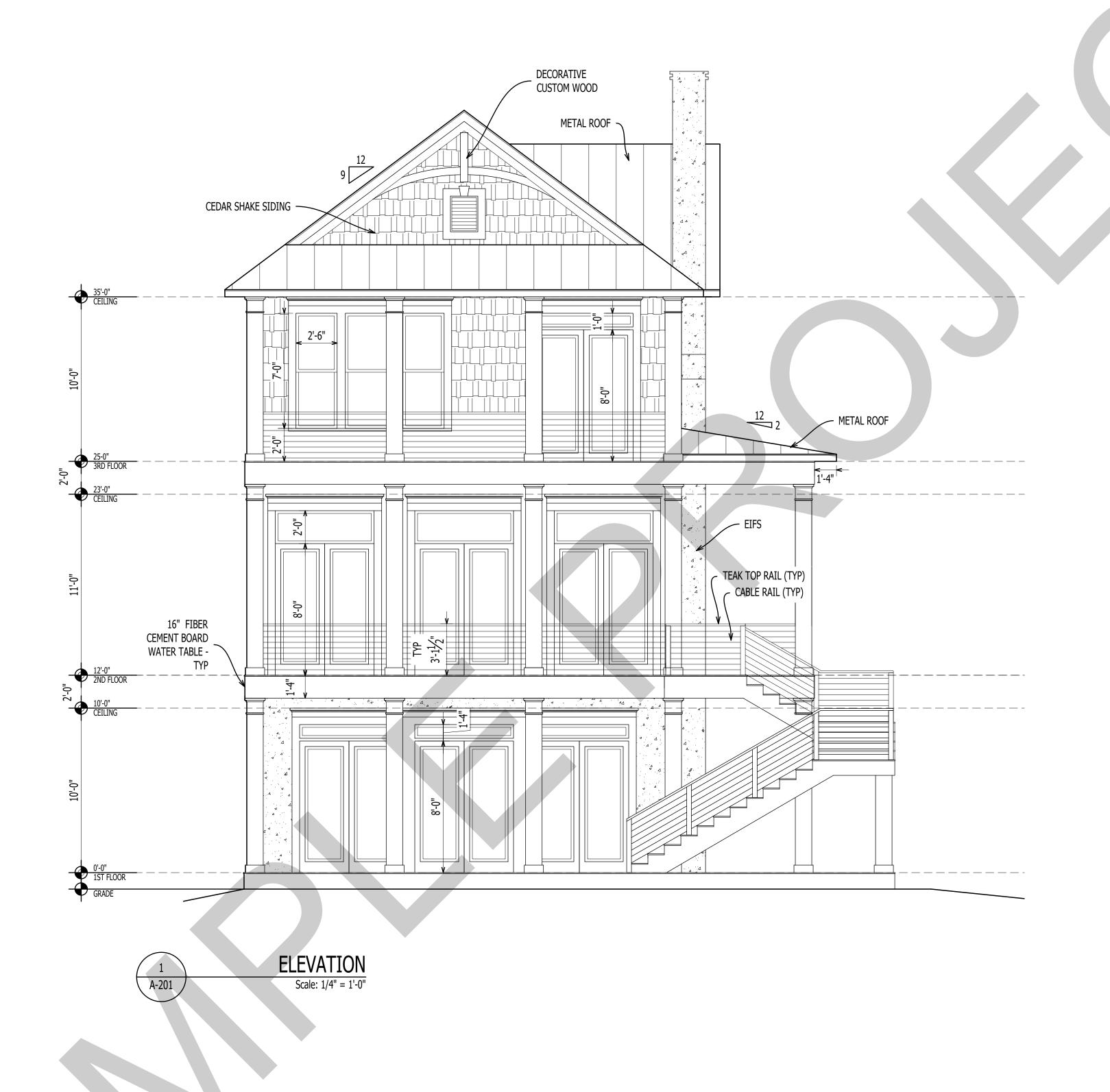
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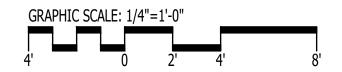
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A-201



NOTE:

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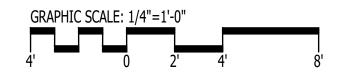
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A-201
ELEVATIONS



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Revisions: 02.21.2019 NEW ELEVATION 01

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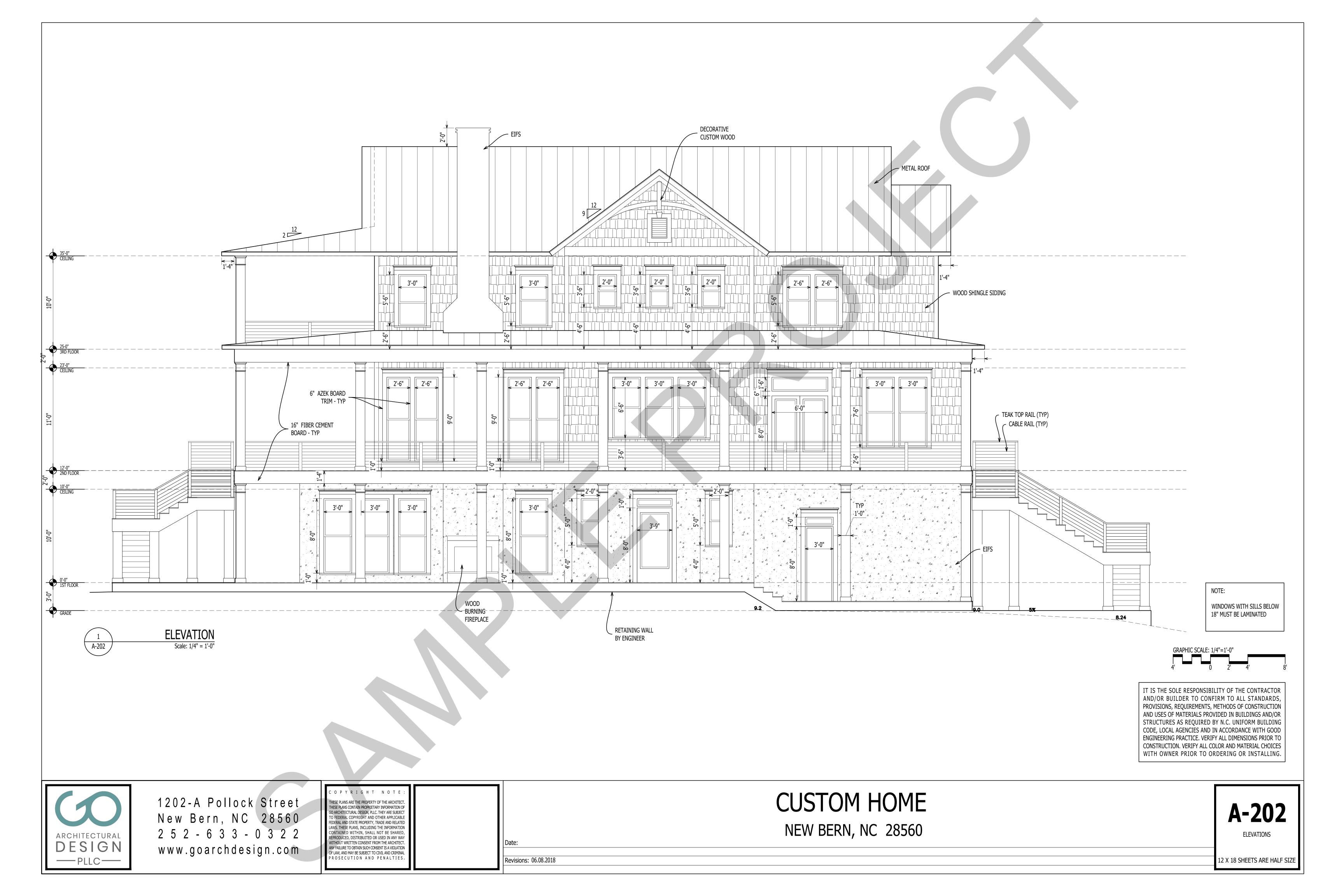
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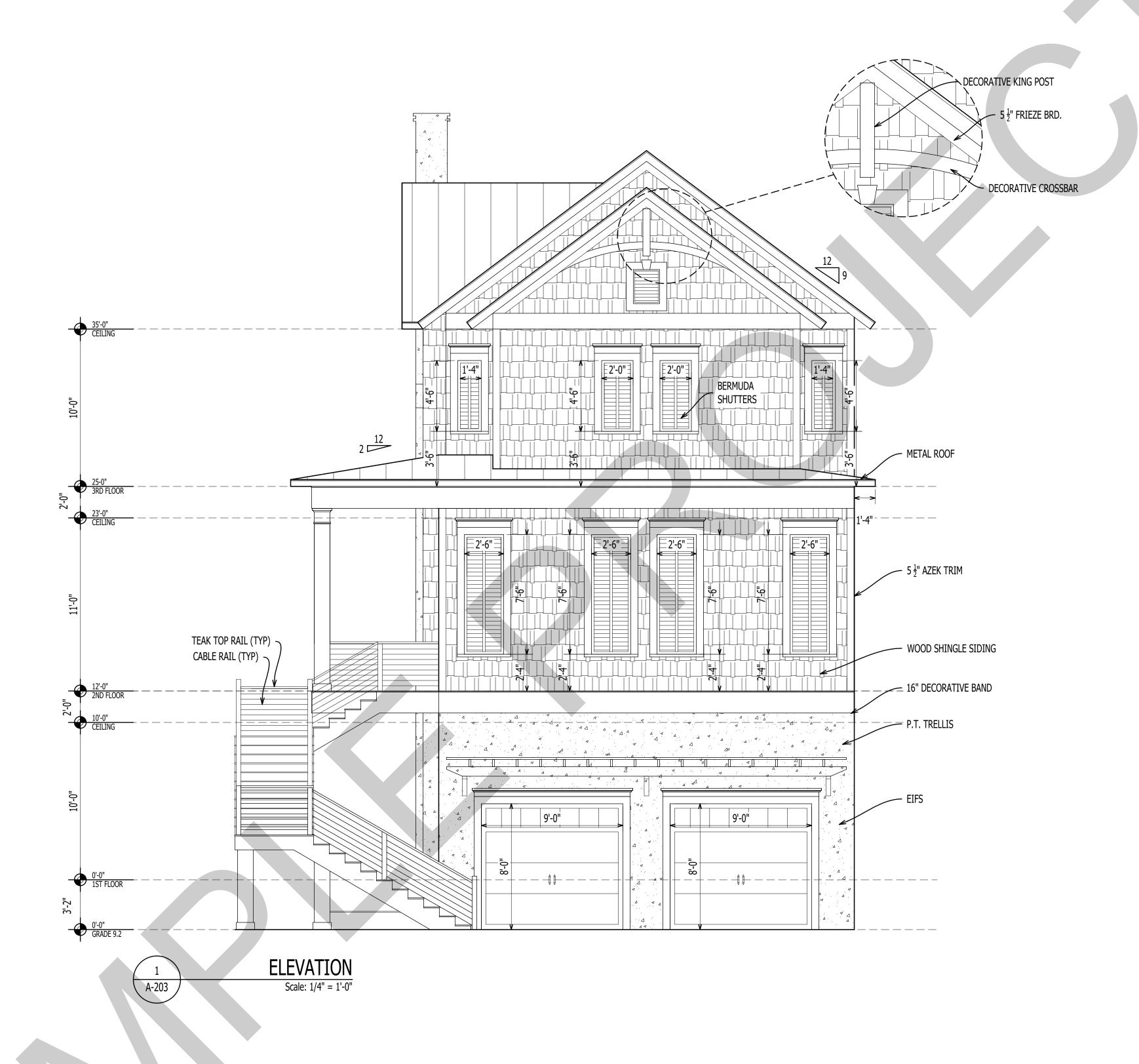
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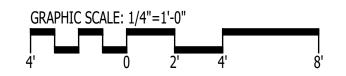
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A-201 ELEVATIONS







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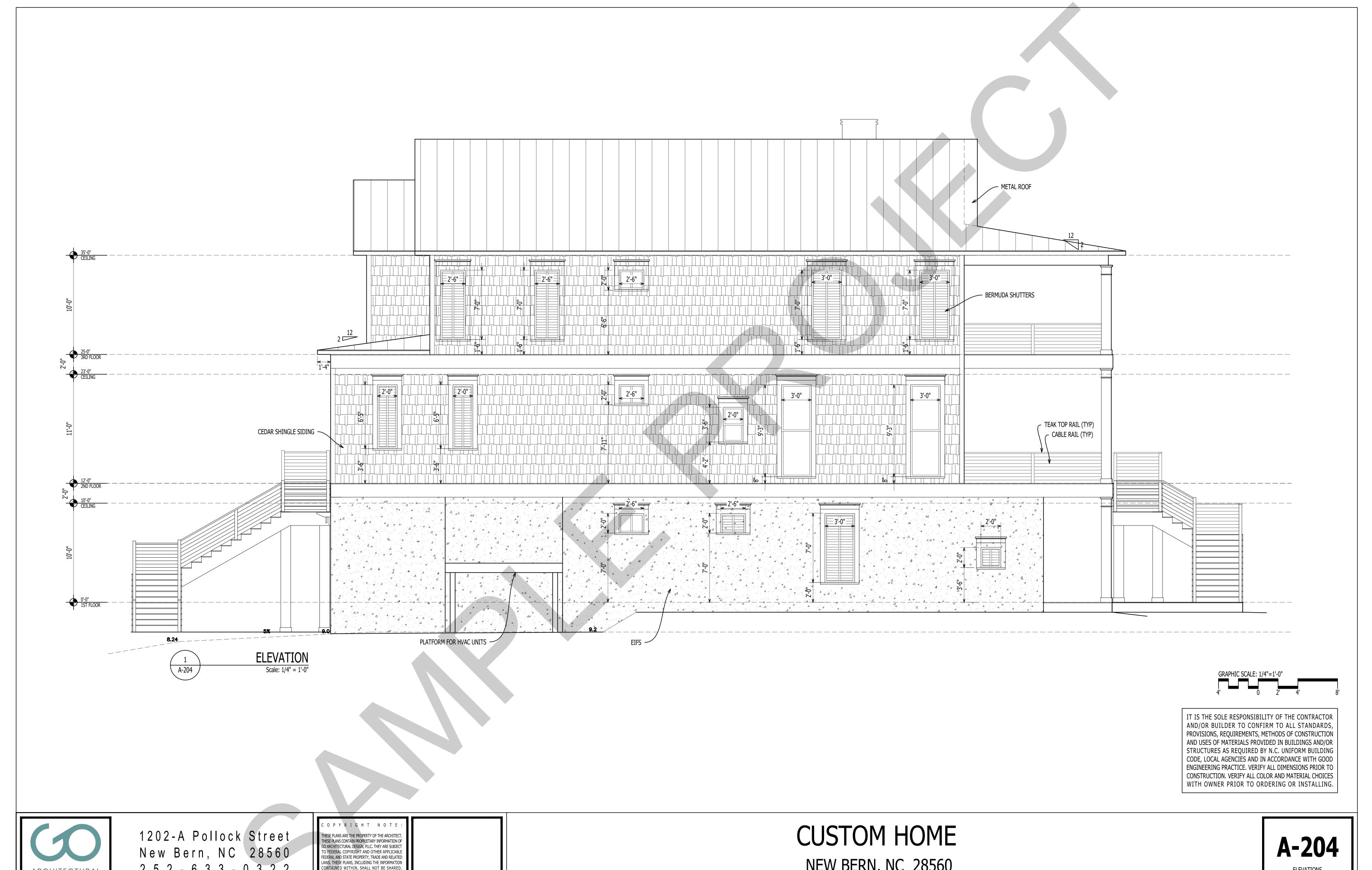
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**A-203** 

ELEVATIONS



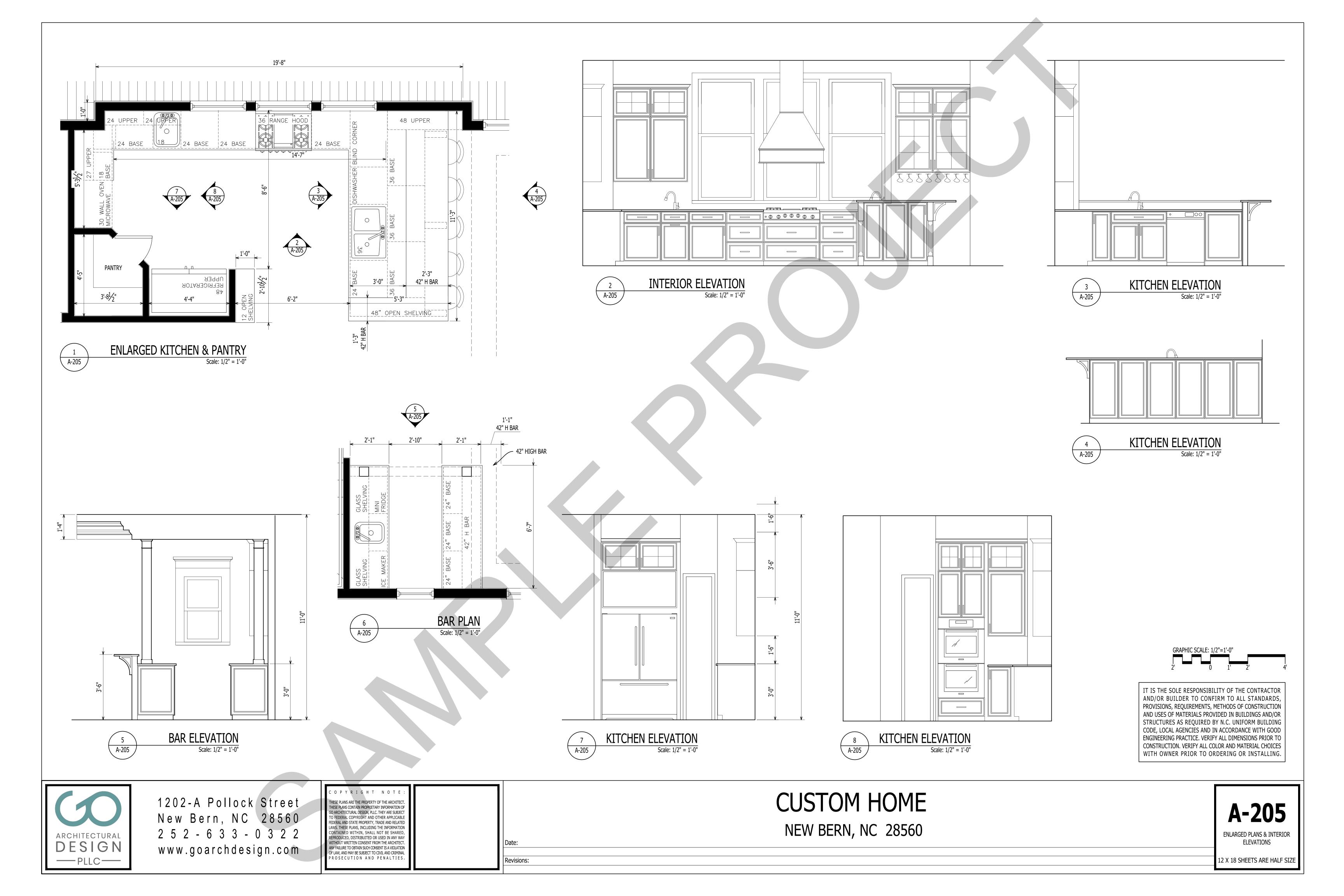
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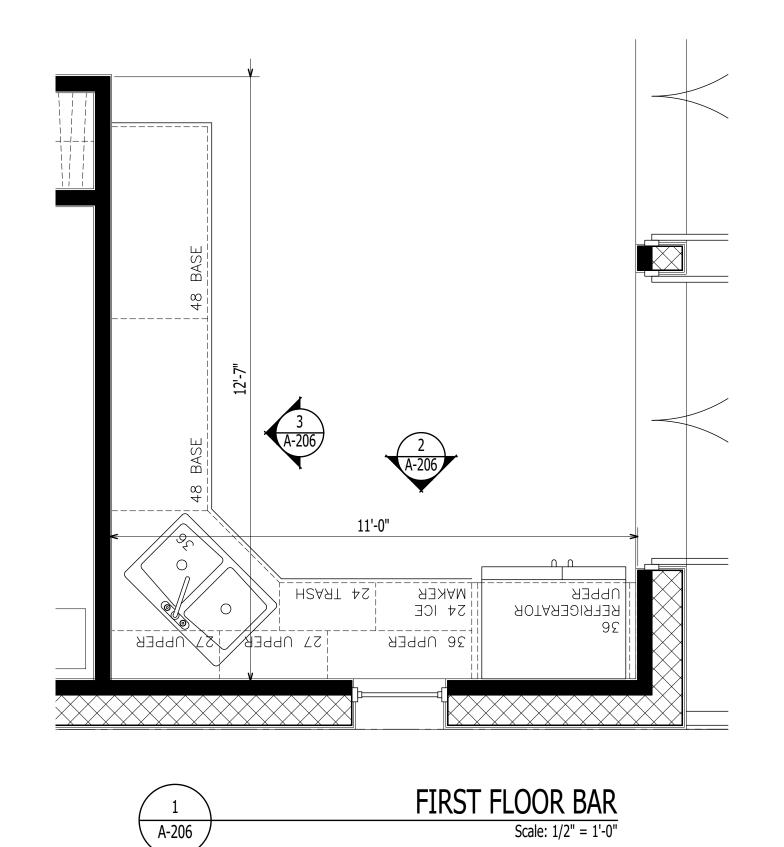
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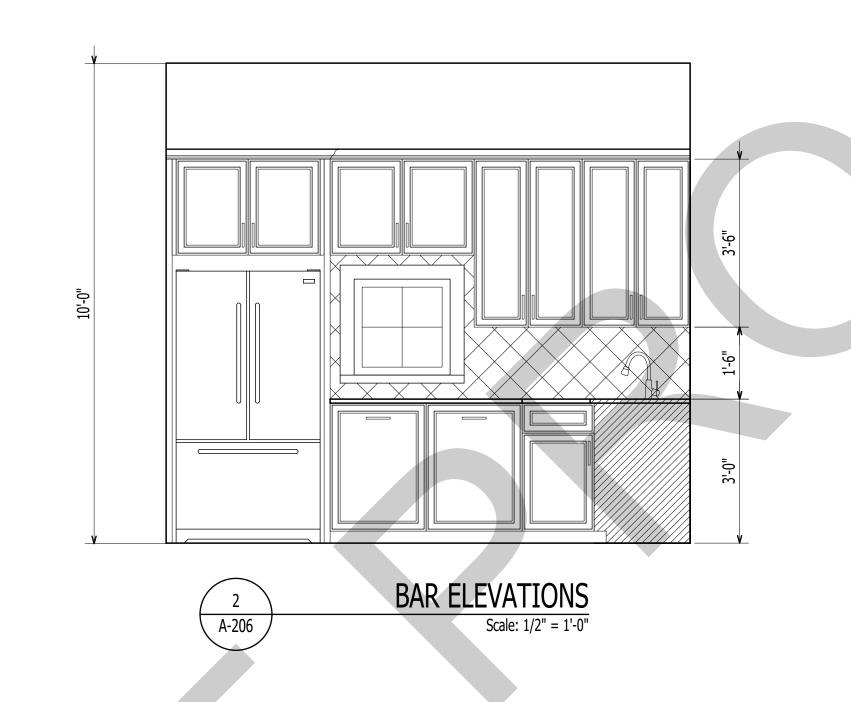
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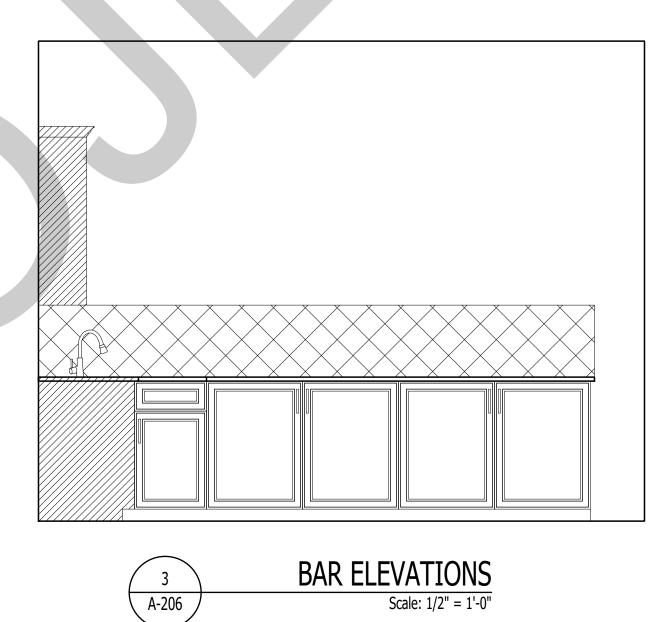
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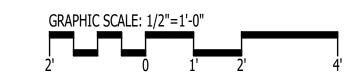
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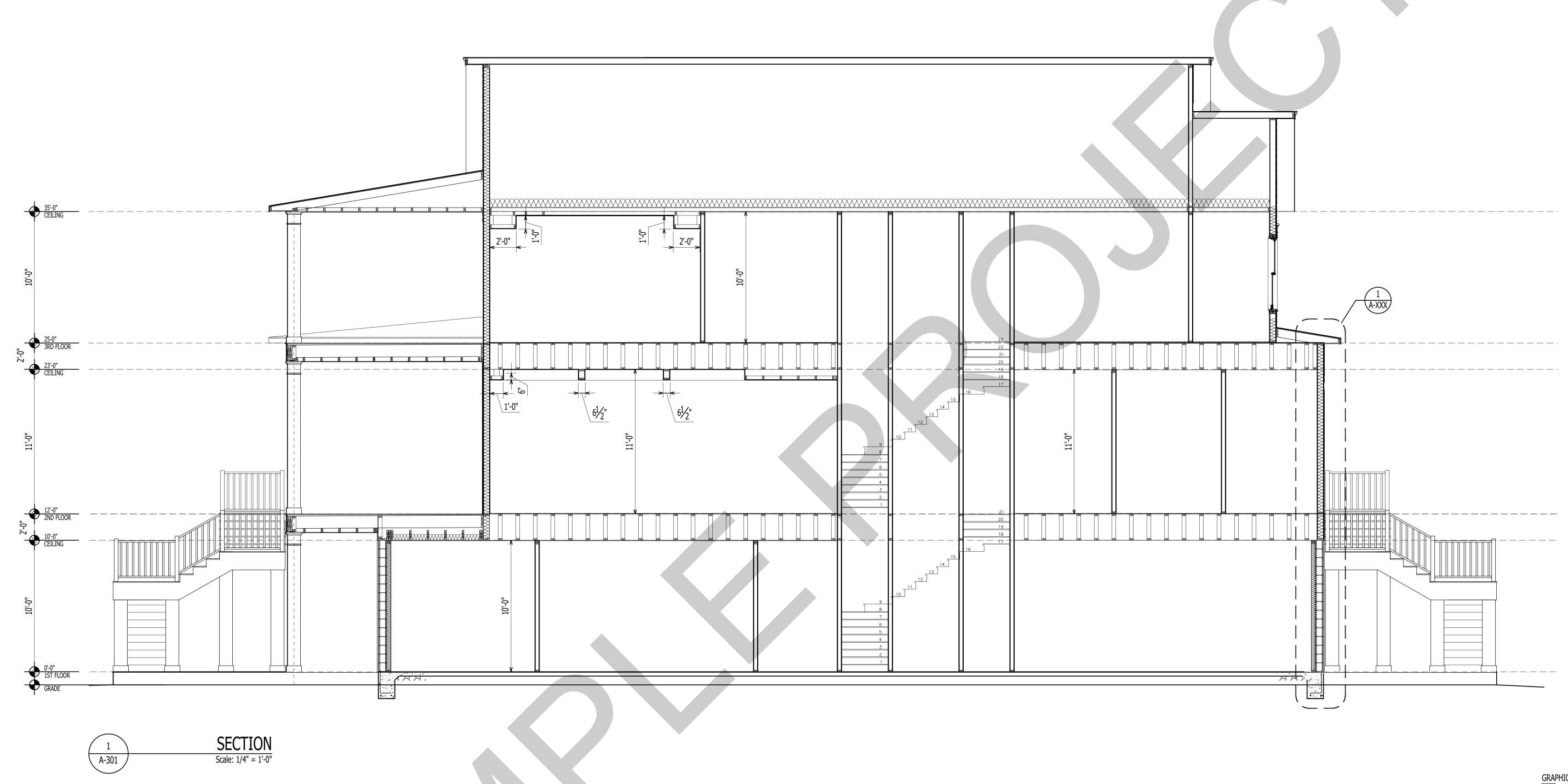
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A-206
ENLARGED PLANS & INTERIOR ELEVATIONS



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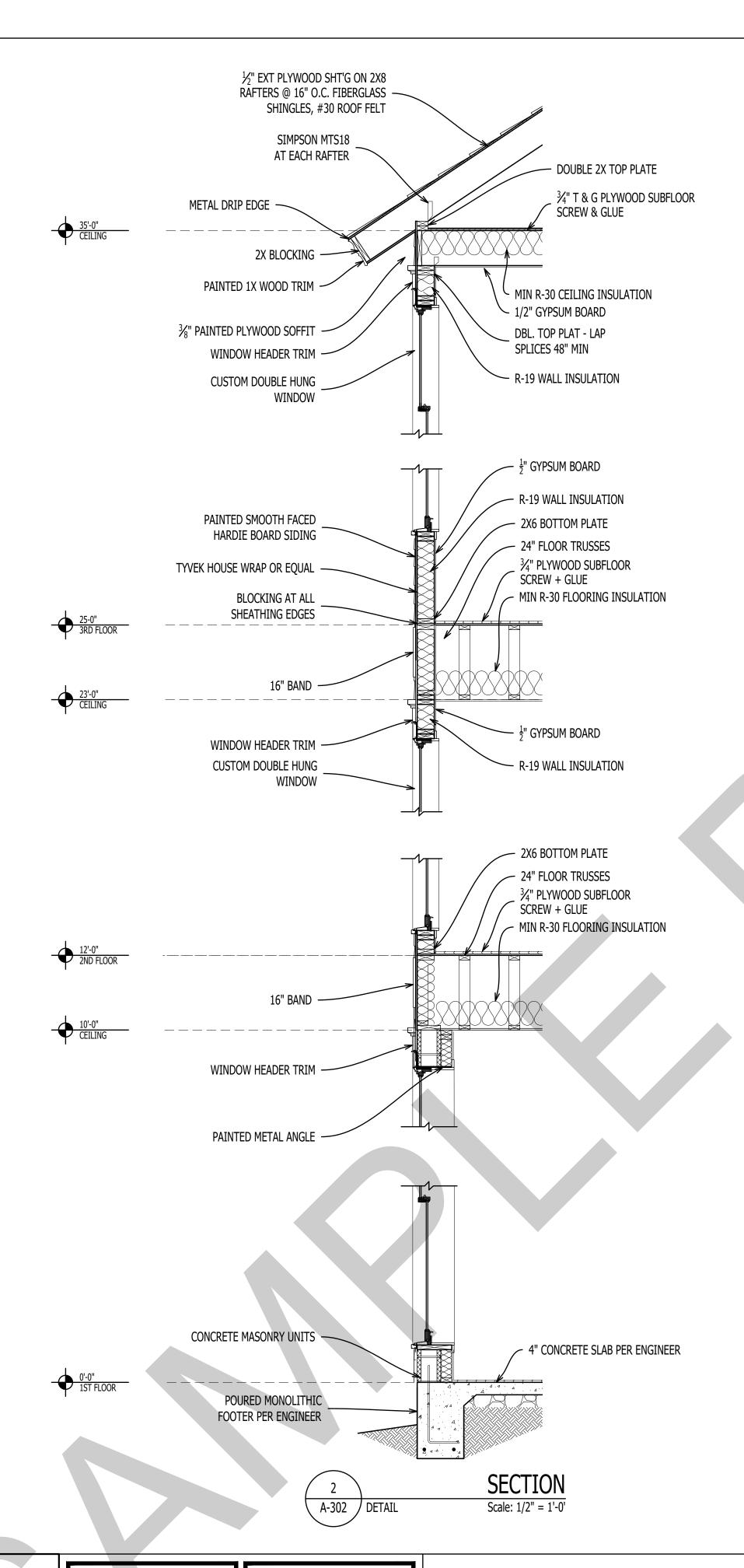
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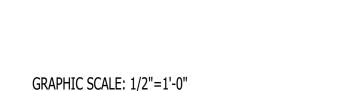
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**A-301** 



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### FOUNDATION NOTES:

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

> 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 ON EXTERIOR WALLS.

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

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

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

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

#### **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 NU,BER 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  $\frac{7}{16}$ " 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 SPICE MEBERS 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 HAV EMINIMUM 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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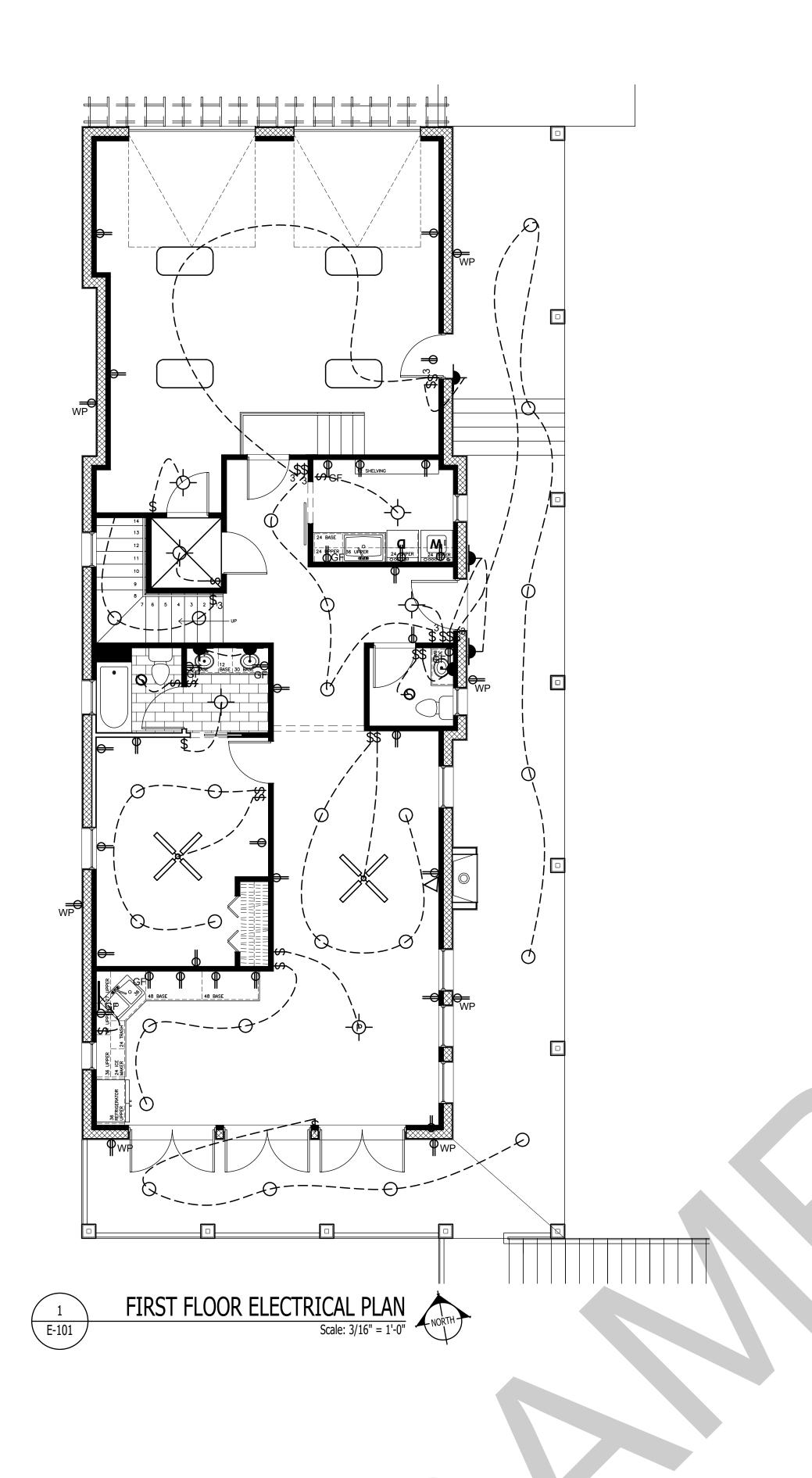
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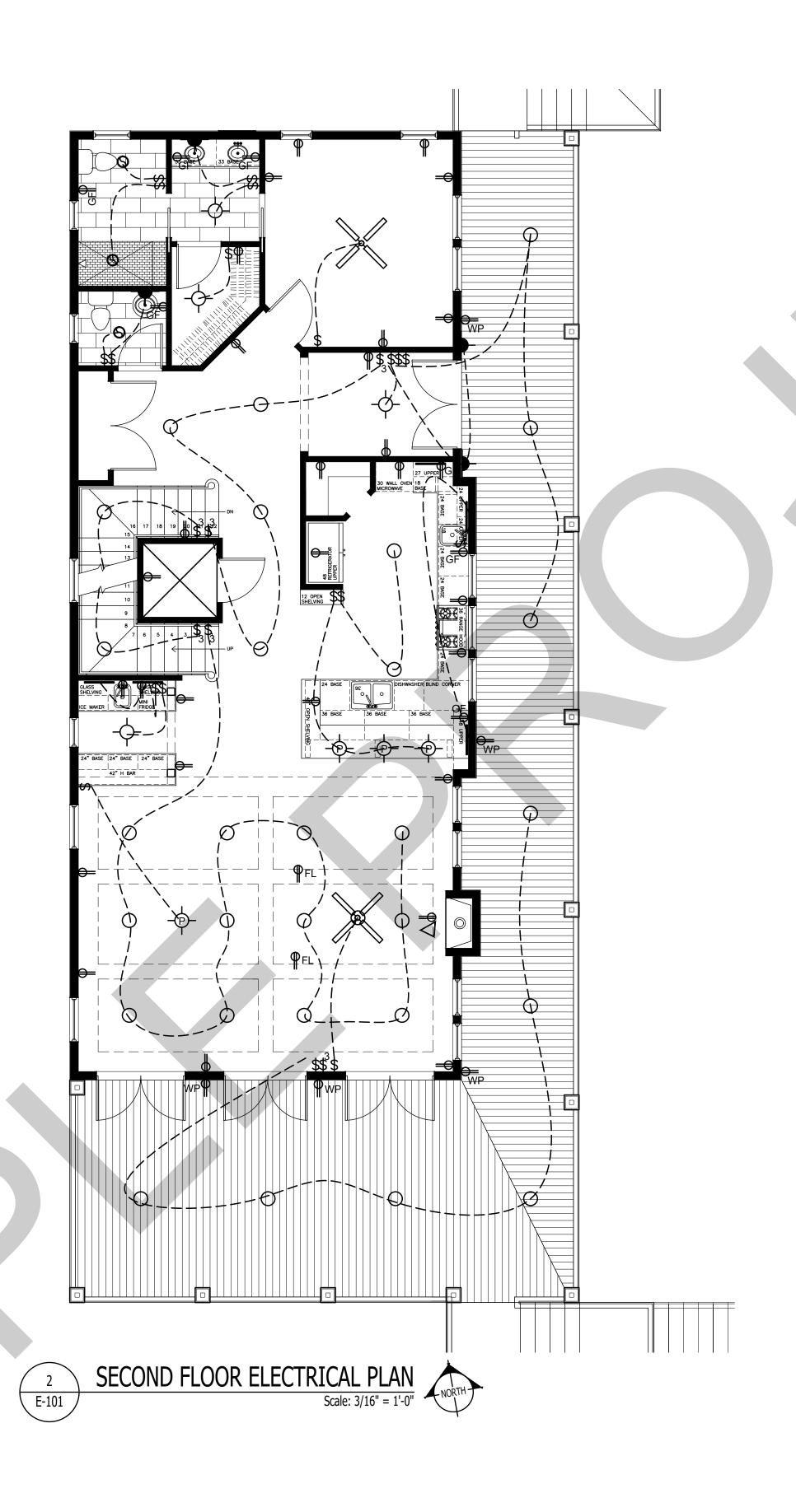
A-302

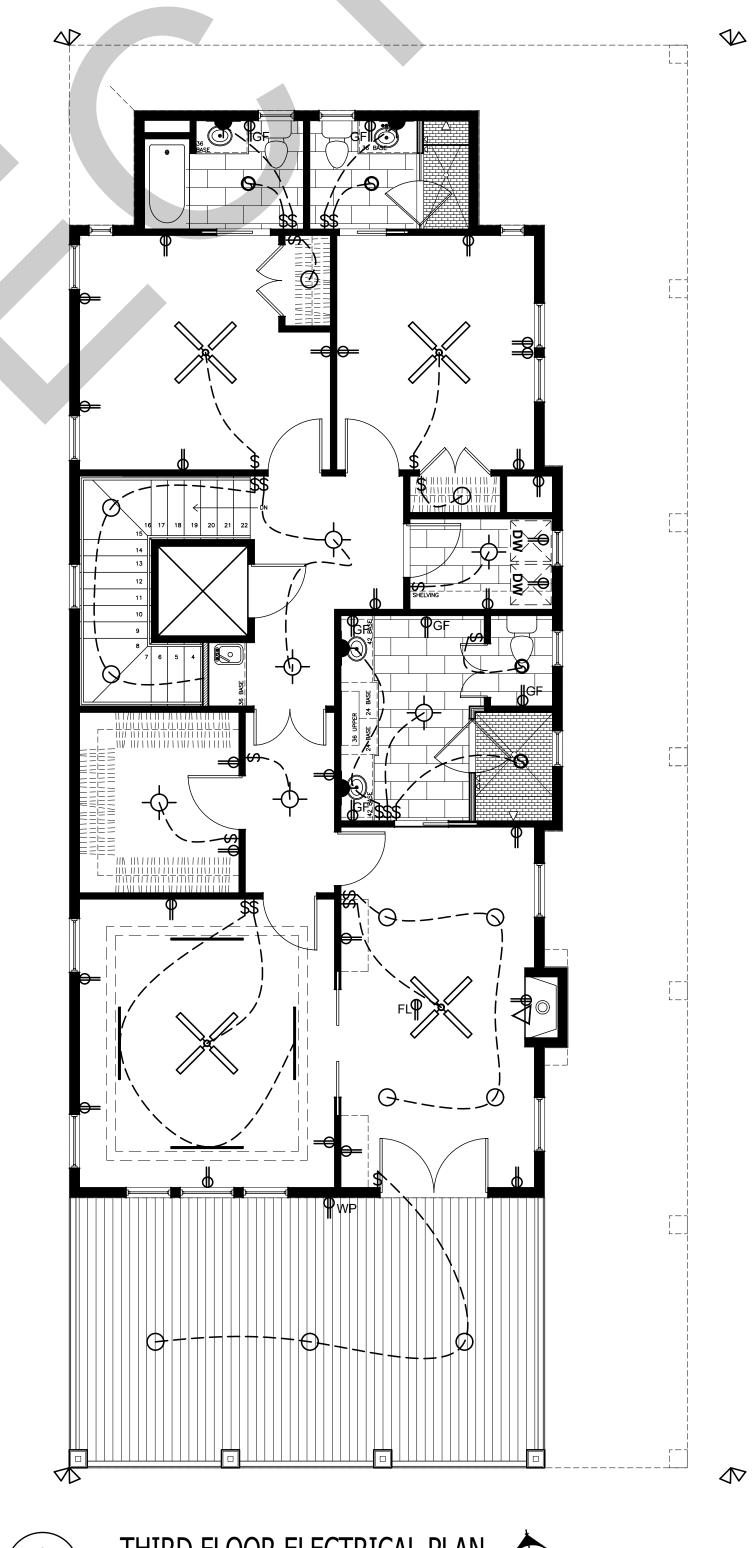
12 X 18 SHEETS ARE HALF SIZE

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THIRD FLOOR ELECTRICAL PLAN

Scale: 3/16" = 1'-0"

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E-101 ELECTRICAL PLANS