

PLANS DESIGNED TO THE 2018 NORTH CAROLINA STATE RESIDENTIAL BUILDING CODE

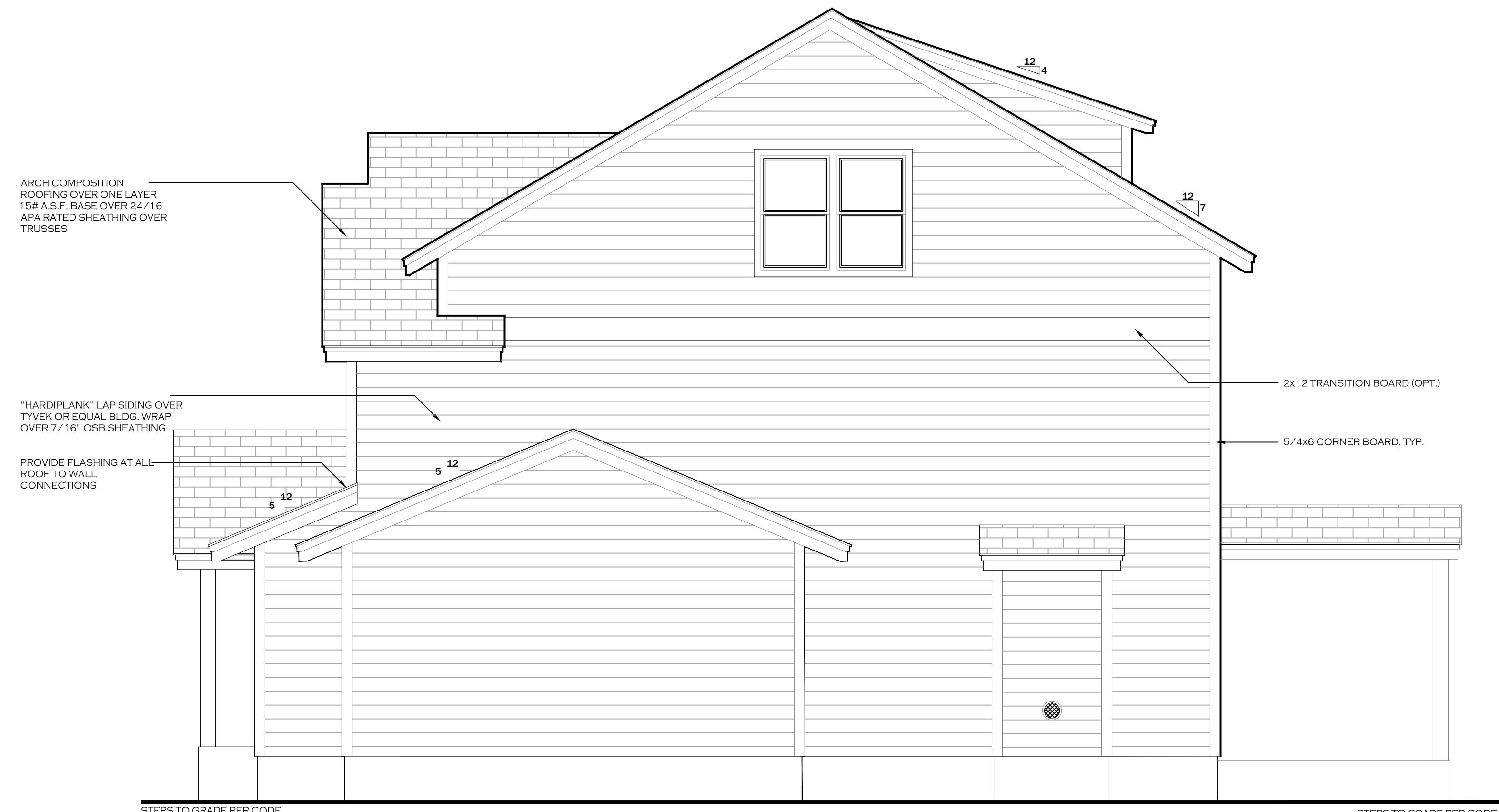
893 HEATED SQUARE FEET - FIRST FLOOR
1,131 HEATED SQUARE FEET - SECOND FLOOR
463 SQUARE FEET - GARAGE
123 SQUARE FEET - COV. PORCH
100 SQUARE FEET - COV. PATIO



1 / A1.0 ELEVATION: front

GENERAL ELEVATION NOTES:

1. ROOF OVERHANGS ARE 12" UNLESS NOTED OTHERWISE.
2. PROVIDE FOUNDATION AND ROOF VENTS AS REQUIRED BY STATE BUILDING CODE.
3. PROVIDE STEPS TO FINISH FLOOR LEVEL AS REQUIRED BY STATE BUILDING CODES.
4. SECOND FLOOR WINDOWS TO BE 24" ABOVE FINISH FLOOR.



2 / A1.0 ELEVATION: right



Revisions

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| 1 | |
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Notes

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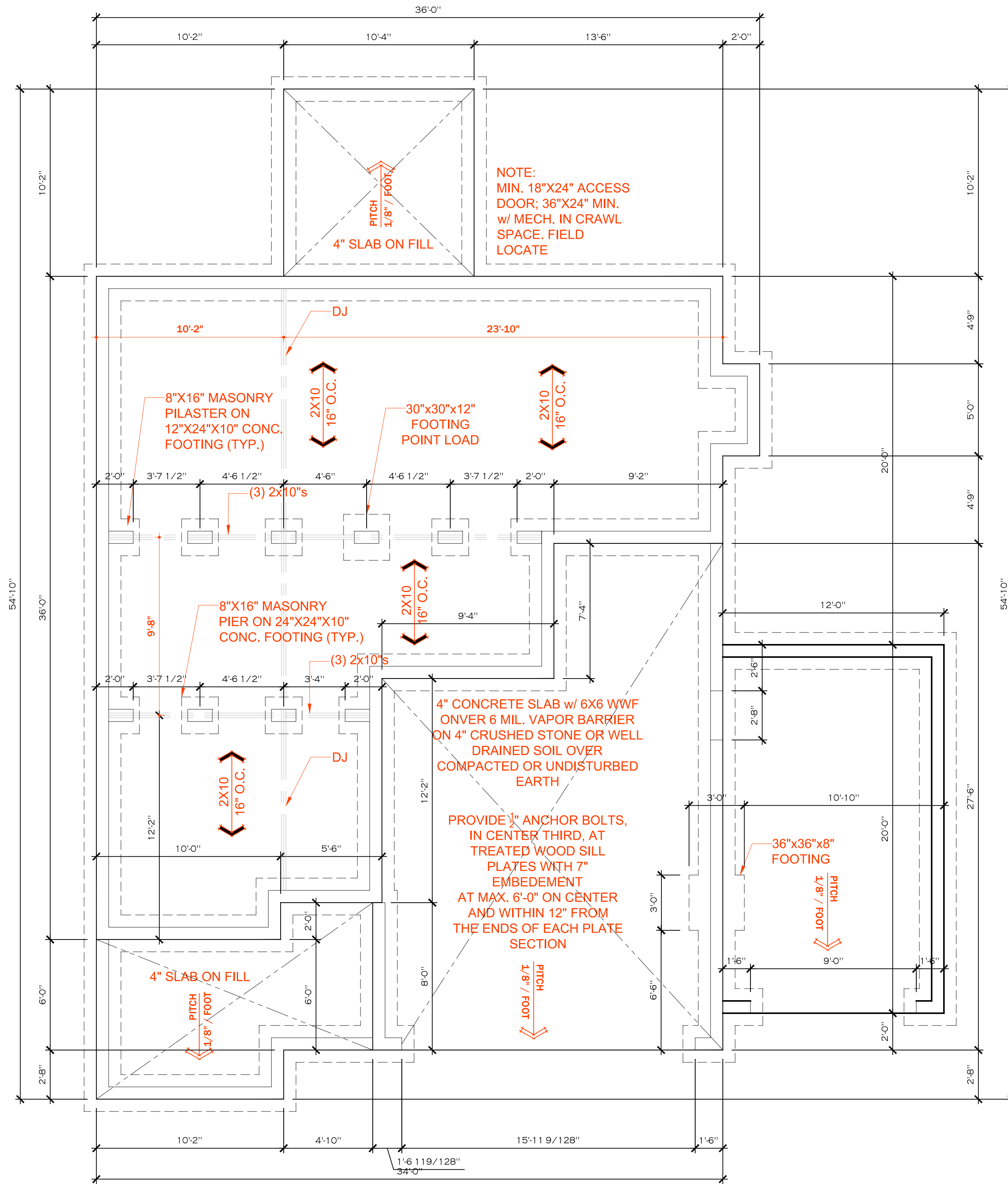
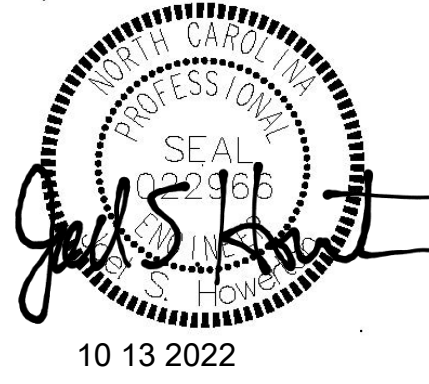
Project North

Drawing Title
 Elevation
 Scale 1/4"=1'-0"

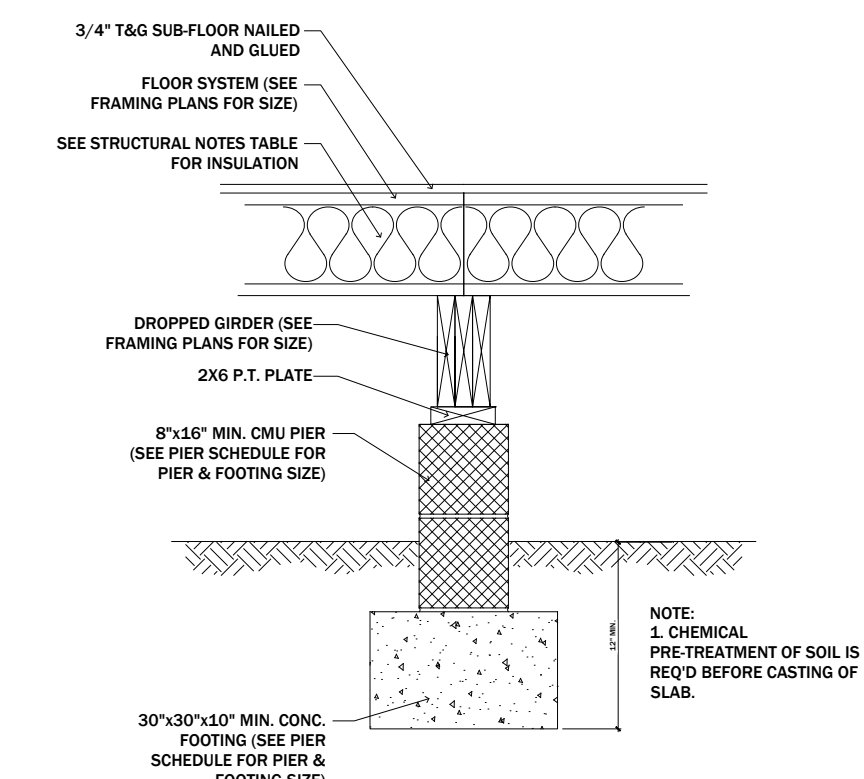
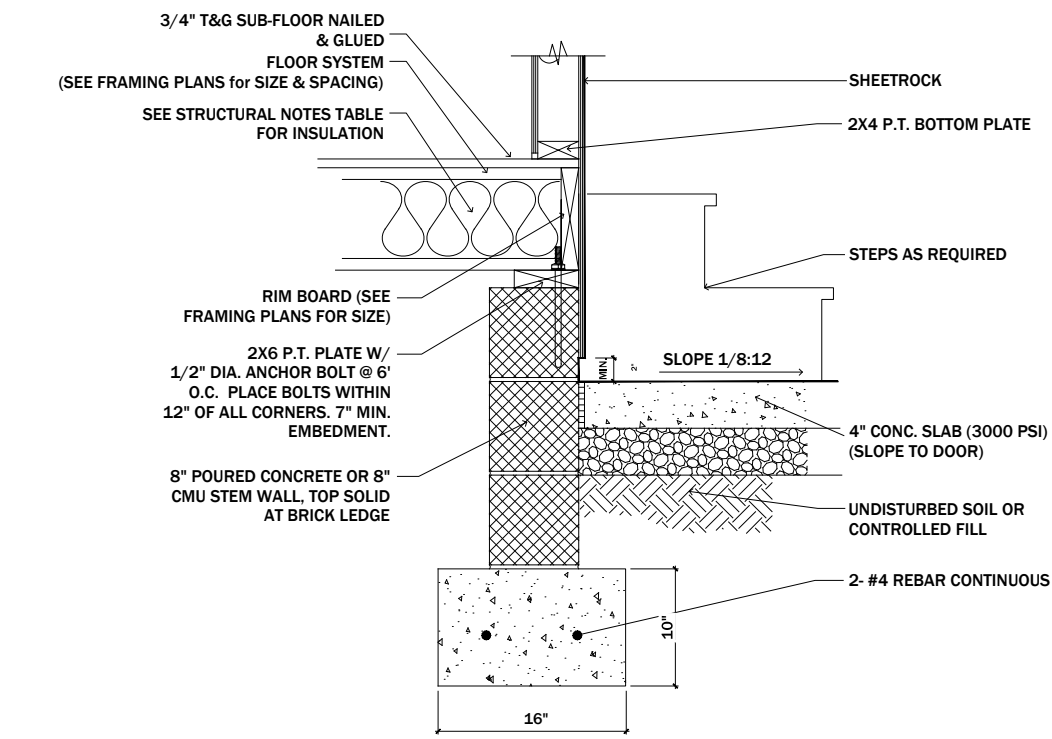
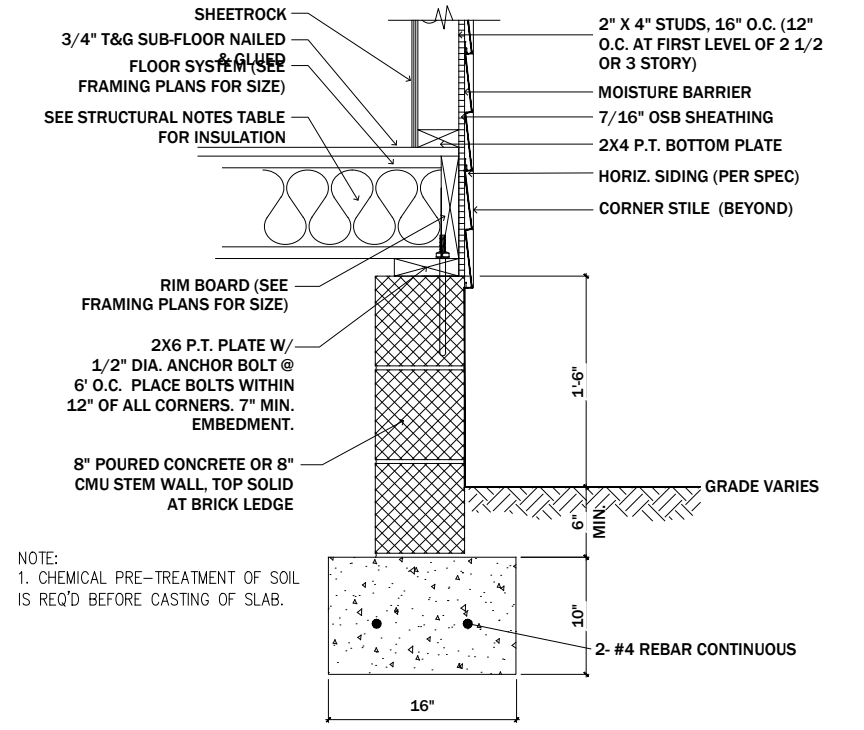
Sheet No.
A1.0

STRUCTURAL EVALUATION BY:
 HOWERTON SERVICES, PLLC
 3513 CATHEDRAL BELL ROAD
 RALEIGH, NC 27614
 LICENSE P-1716

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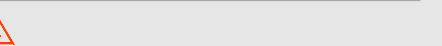
1 / A3.0 PLAN: foundation



| WALL VENTED CRAWL SPACE | |
|--|---|
| REQUIRED | |
| 895 | SQ. FT. / 150 = 6.0 SQ. FT. OF VENTILATION |
| PROVIDED | |
| .52 | SQ. FT. / VENT x 12 VENTS = 6.24 (SQ. FT. OF VENTILATION) |
| ONE VENTILATING OPENING SHALL BE WITHIN 3 FEET OF EACH CORNER. | |



Revisions



| Notes |
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| 1. |
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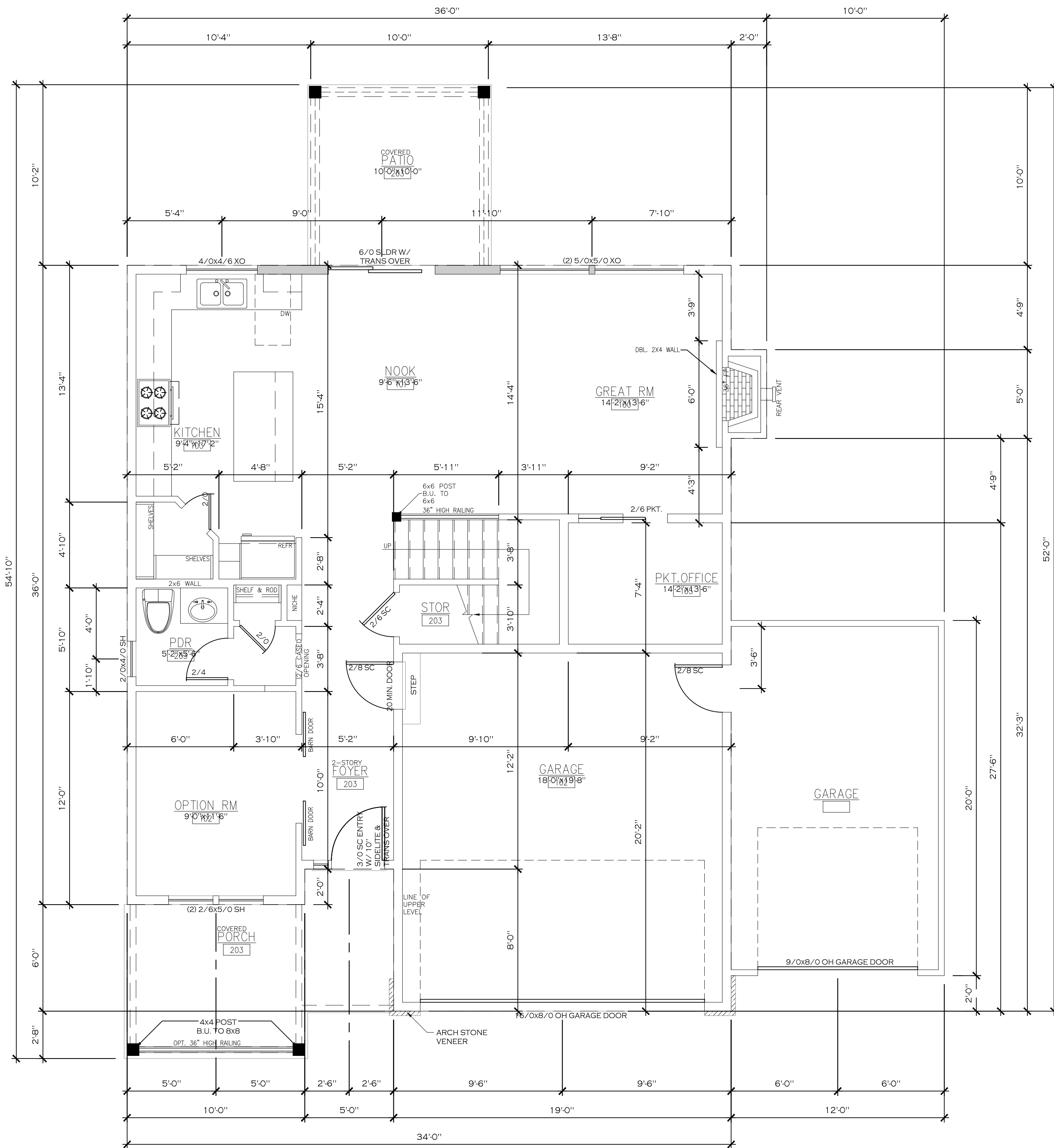
Project North

Drawing Title
 Foundation

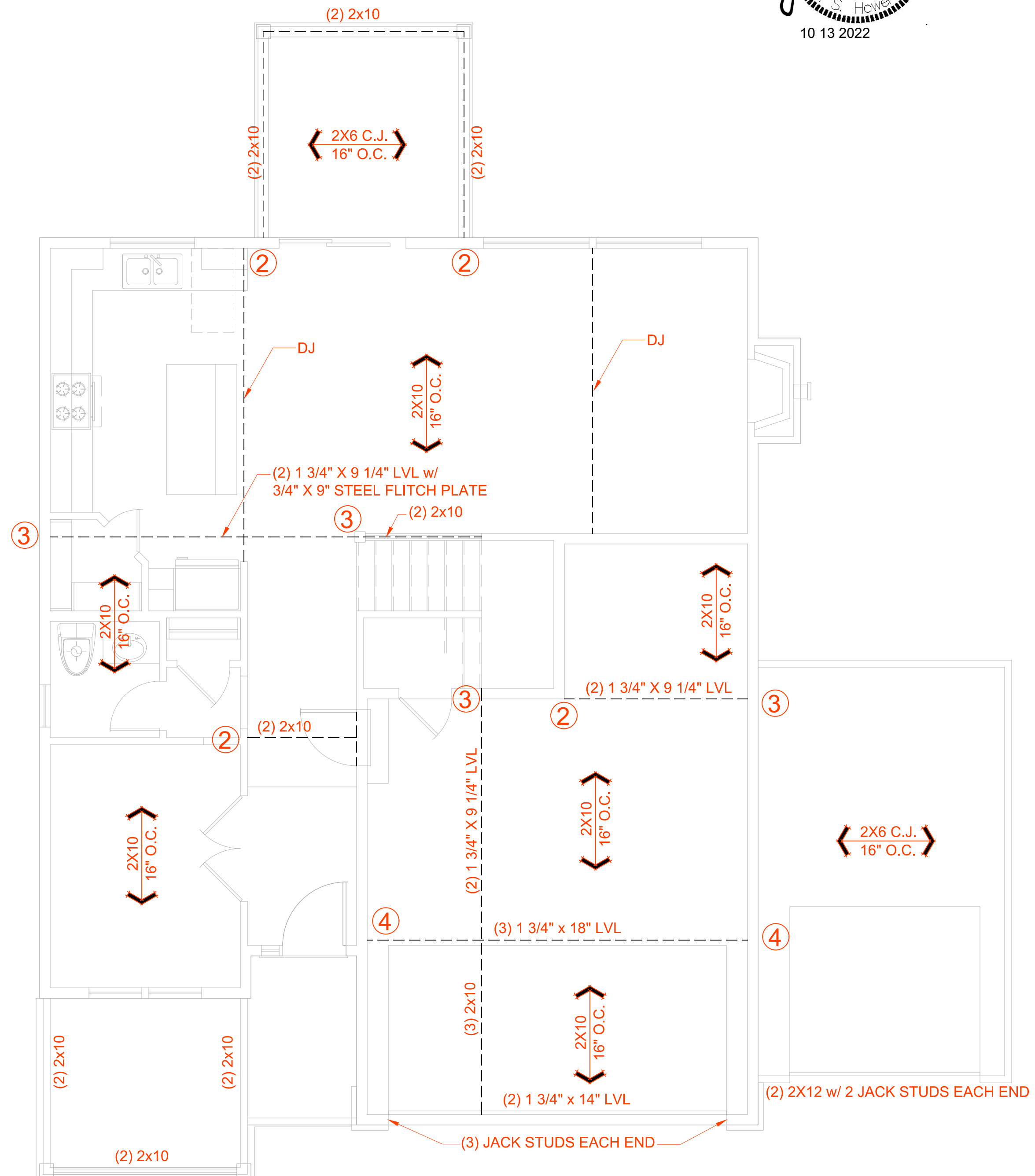
Scale 1/4"=1'-0"

Sheet No.
A3.0

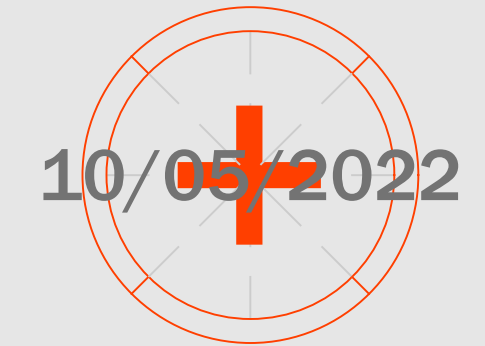
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1 / A4.0 PLAN: first floor
 893 HEATED SQUARE FEET
 463 SQUARE FEET - GARAGE
 123 SQUARE FEET - COV. PORCH
 100 SQUARE FEET - COV. PATIO



2 / A4.0 PLAN: first floor framing



Revisions

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Project North



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BRACED WALL NOTES:

- BRACED WALLS ARE REQUIRED PER SECTION R602.10.1 2018 NCBC RESIDENTIAL CODE
- THE EXTERIOR WALL STRUCTURE SHALL BE CONTINUOUSLY SHEATHED, FULL HEIGHT WITH MIN. THICKNESS 7/16" OSB. THESE WALLS SHALL BE CONSTRUCTED IN CONFORMANCE TO TYPE CS-WSP DETAILS. REFER TO PLAN FOR LOCATION OF REQUIRED BRACING LABELED "CS BRACING" AND LENGTH OF WALL BRACING LABELED IN LINEAR FEET.
- INTERIOR WALLS WHERE NOTED SHALL BE BRACED PER INDICATED METHOD IN REFERENCE TO NCBC-RESIDENTIAL CODE, TABLE R602.10.2.

LB METHOD:

INSTALL 1X4 WOOD OR CONTINUOUS METAL STRAPPING AT 45 DEGREES TO 60 DEGREES FROM TOP PLATE TO BOTTOM PLATE ACROSS STUDS WITH MAXIMUM STUD SPACING OF 16" ON CENTER. CONNECT AS INDICATED IN CODE SECTION.

GB METHOD:

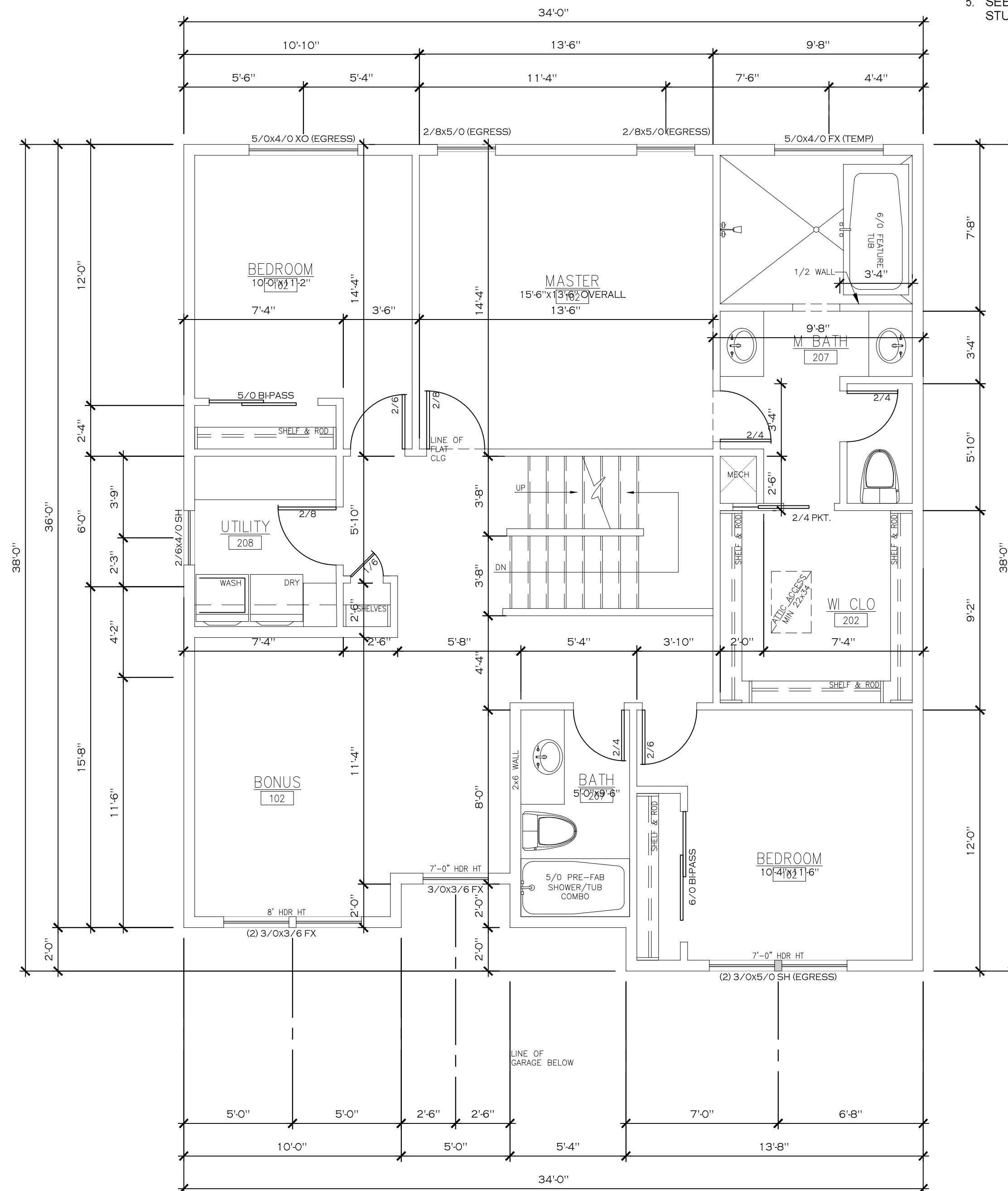
MINIMUM 1/2" GYPSUM BOARD TURNED VERTICALLY AND CONTINUOUS FROM TOP PLATE TO BOTTOM PLATE. SCREW CONNECTION TO FRAMING USING SPACING CRITERIA AS INDICATED IN CODE TABLES.

- SPECIAL BRACING DETAILS ARE ILLUSTRATED IN THE CODE AND ALLOWED WHERE WALLS DO NOT MEET THE MINIMUM REQUIREMENTS FOR SUPPORT.
- SEE TABLE R602.7.5 FOR CORRECT NUMBER OF KING STUDS PER HEADER.

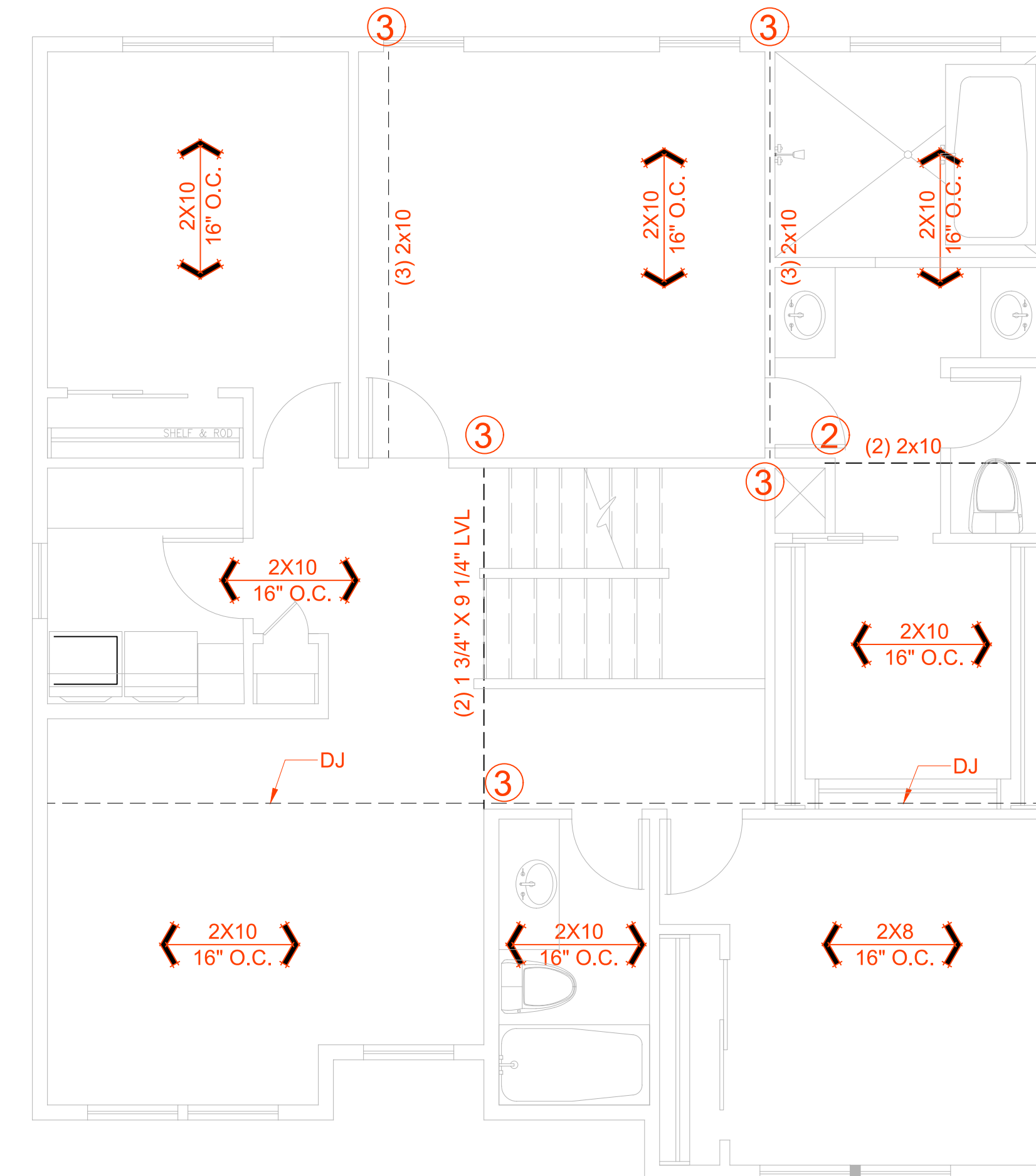
GENERAL FRAMING NOTES:

- THIS PLAN DESIGNED IN ACCORDANCE WITH NC RESIDENTIAL CODE, 2018 EDITION.
- GLAZING AREAS SHOWN ON THESE DESIGN DRAWINGS DO NOT EXCEED 15% OF THE GROSS AREA OF THE EXTERIOR WALLS. THIS STRUCTURE MEETS THE REQUIREMENTS OF N1101.2.1, RESIDENTIAL BUILDING, TYPE A-1.
- WALL CLADDING IS DESIGNED FOR A 24.1 #SF OR GREATER POSITIVE/NEGATIVE PRESSURE.
- ALL WALLS, FLOORS AND CEILINGS SHALL BE INSULATED IN ACCORDANCE WITH CODE SUMMARY.
- DESIGN CRITERIA:

| DESIGN CRITERIA: | DEAD | LIVE |
|--------------------|------------------------|--------|
| PRIMARY FLOOR | 10 PSF | 40 PSF |
| SECONDARY FLOOR | 10 PSF | 40 PSF |
| SLEEPING AREAS | 10 PSF | 30 PSF |
| ATTIC | 10 PSF | 20 PSF |
| ROOF | 10 PSF | 20 PSF |
| DEFLECTION LIMITS: | | |
| FLOOR | L/360 (LIVE LOAD ONLY) | |
| ROOF | L/240 | |
- ALL HEADERS IN LOAD BEARING WALLS SHALL BE DOUBLE 2X10 U.O.N.
- ALL WALLS ARE 2X4 @ 16" O.C. U.O.N.
- PROVIDE DOUBLE FLOOR JOISTS UNDER WALLS ABOVE.
- PROVIDE FOUNDATION VENT WITHIN 36" OF EACH CORNER.
- ALL JOISTS TO BE SPF.



1 / A4.1 PLAN: second floor
1,131 HEATED SQUARE FEET



2 / A4.1 PLAN: second floor framing

TBP HOMES
112 Lambert LN
Purfoy Place Lot 5



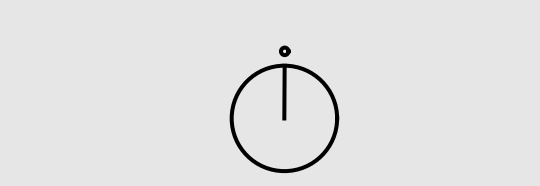
Revisions

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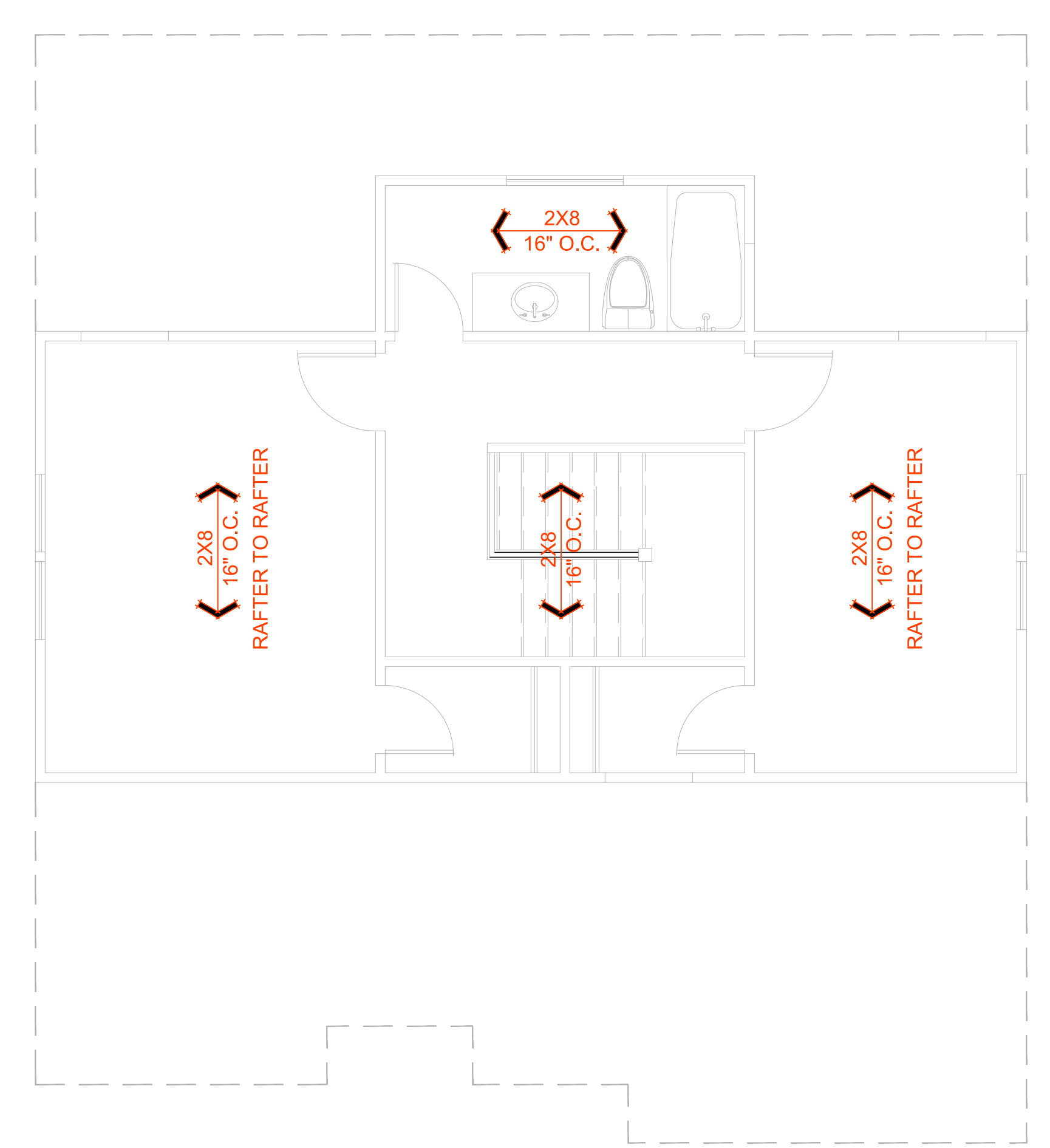
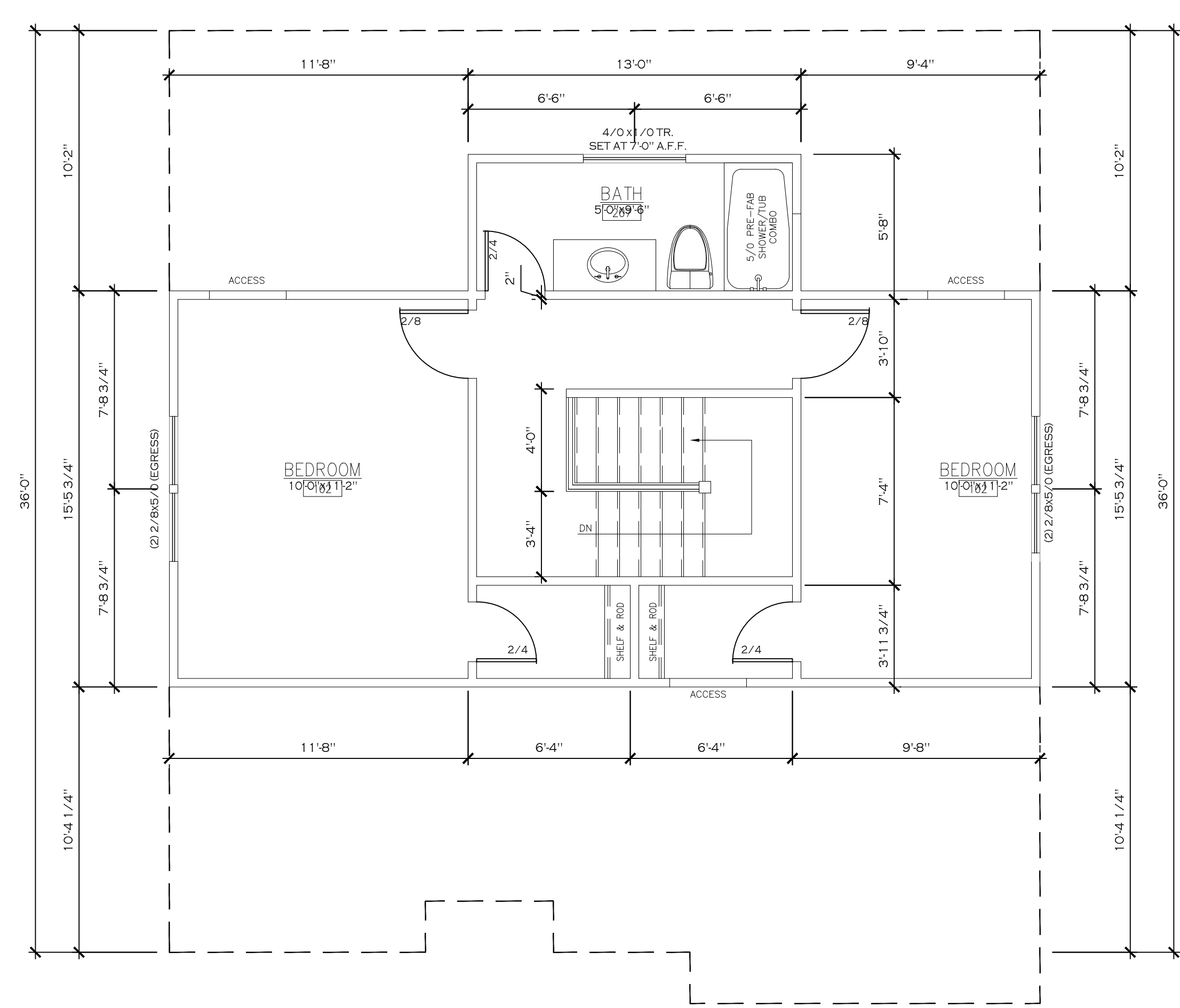
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Project North



Drawing Title
Floor Plan
Scale 1/4"=1'-0"

Sheet No.
A4.1



1 / A4.2 PLAN: third floor
530 HEATED SQUARE FEET



Revisions

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Project North

Drawing Title
Floor Plan
Scale 1/4"=1'-0"

Sheet No.
A4.2
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