

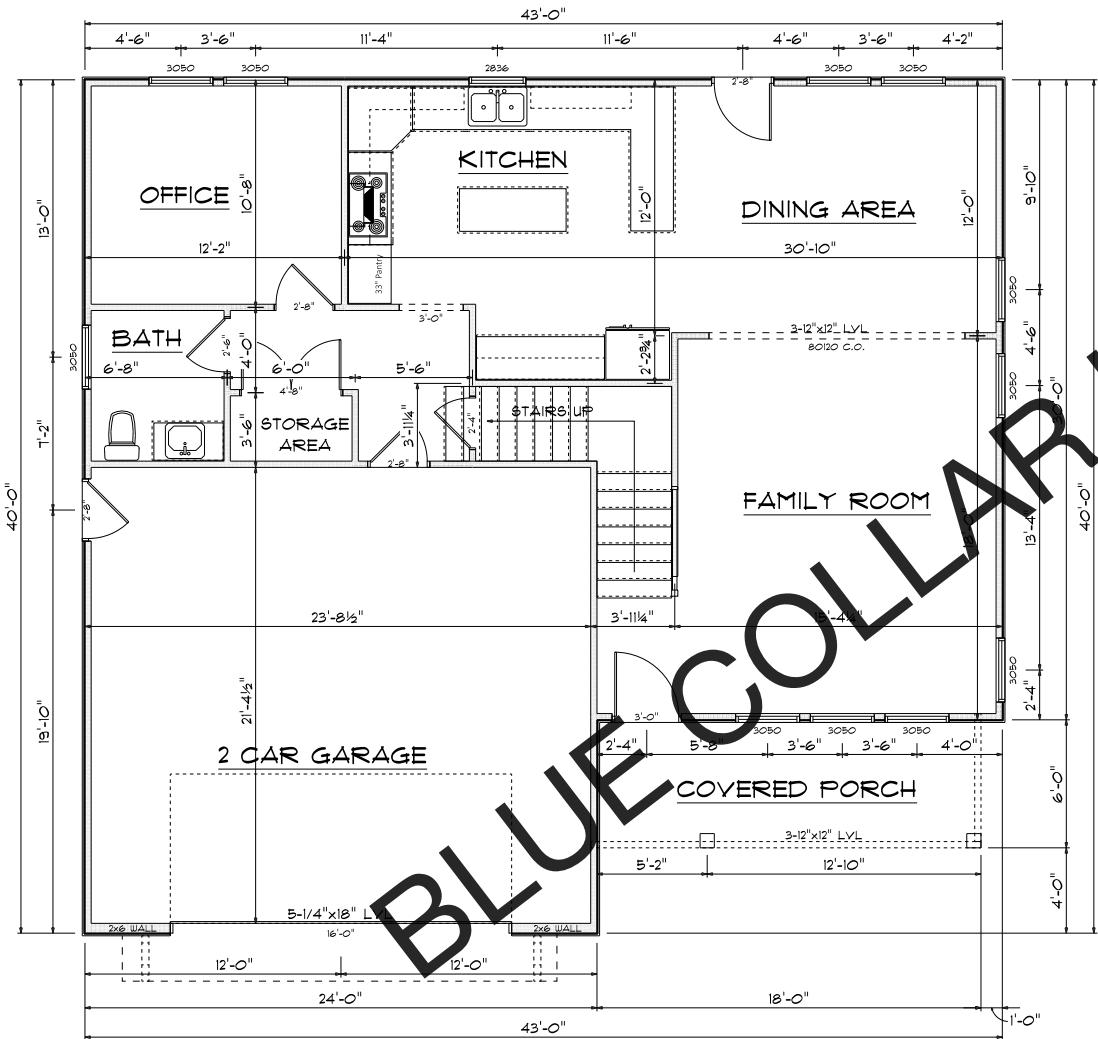
RIGHT ELEVATION

BLUE COLLAR BUILDERS

RESIDENTIAL DESIGN SERVICES
DESIGNS UNLIMITED

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SIDE ELEVATIONS PAGE: **A-4**



GENERAL NOTES FOR FIRST FLOOR PLAN:

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH 2018 NORTH CAROLINA RESIDENTIAL CODE AND LOCAL BUILDING CODES. CONSTRUCTION PROJECTS IN SC SHALL BE IN ACCORDANCE WITH THE (IRC) INTERNATIONAL RESIDENTIAL BUILDING CODE.
2. CONTRACTOR TO VERIFY ALL DIMENSIONS AND REFER TO CODE FOR CODE COMPLIANCE BEFORE CONSTRUCTION.
3. REFERENCE STRUCTURAL ENGINEERS DRAWINGS FOR ALL STRUCTURAL, LUMBER, HEADER AND GIRDER DETAILS.
4. DO NOT SCALE DIMENSIONS FROM DRAWINGS. PLANS AND DETAILS ARE NOT ALWAYS DRAWN TO SCALE. USE DIMENSIONS GIVEN AND CONSULT DESIGNER FOR FURTHER CLARIFICATION.
5. BEAM, TRUSS, AND/OR ROOF/DECK OUTSIZES SHALL NOT DEVIATE FROM THIS PLAN UNLESS APPROVED BY PLAN DESIGNER OR PROFESSIONAL ENGINEER.

HEADER NOTES - FIRST FLOOR:

1. ALL EXTERIOR HEADERS SHALL BE 2-2 x 10 #2 SOUTHERN YELLOW PINE OR BETTER, UNLESS OTHERWISE NOTED.
2. ALL INTERIOR LOAD BEARING HEADERS SHALL BE 2-2 x 10 #2 SOUTHERN YELLOW PINE UNLESS OTHERWISE NOTED.
3. ALL INTERIOR NON-LOAD BEARING HEADERS SHALL BE 2-2 x 4 #2 SOUTHERN YELLOW PINE OR BETTER, UNLESS OTHERWISE NOTED.
4. ANY HEADER, BEAM, JOIST, COLUMN SIZES USING DIMENSIONAL LUMBER OR TIMBER NOTED ON THE DRAWING SHALL BE #2 SOUTHERN YELLOW PINE.
5. IF NOT SPECIFIED ON DRAWING, A MINIMUM OF ONE JACK STUD SHOULD BE PLACED BENEATH ALL NON-LOAD BEARING EXTERIOR AND LOAD BEARING INTERIOR HEADERS. ALSO, A MINIMUM OF ONE JACK STUD SHOULD BE PLACED BENEATH NON-LOAD BEARING EXTERIOR AND INTERIOR HEADERS WITH SPANS EQUAL TO OR GREATER THAN 4'-0".
6. ALL FLOOR JOIST AND BEAM SIZES ARE DETERMINED FOR THE USE OF #2 SOUTHERN YELLOW PINE. RAFTERS AND CEILING JOIST SIZES ARE DETERMINED FOR THE USE OF #2 SPRUCE-PINE FIR. THE USE OF ANY OTHER SPECIES MUST BE VERIFIED.
7. ALL INTERIOR LOAD BEARING AND ALL EXTERIOR WALLS SHALL BE CONSTRUCTED USING 2 x 4 #2 SPRUCE-PINE FIR #3 STANDARD STUD GRADE OR BETTER AT A MINIMUM SPACING OF 16" o/c, UNLESS OTHERWISE NOTED.
8. ALL EXTERIOR WALLS THAT ARE NON-LOAD BEARING AND/OR DO NOT SUPPORT FLOORS MAY BE 2 x 4 SPRUCE-PINE FIR UTILITY GRADE LUMBER OR BETTER, PROVIDED THE STUDS ARE SPACED A MAXIMUM OF 16" o/c AND DO NOT EXCEED A laterally unsupported STUD HEIGHT OF 10 FEET, UNLESS OTHERWISE NOTED.
9. WHERE JOISTS, TRUSSES, OR RAFTERS ARE SPACED MORE THAN 16" o/c AND THE BEARING STUDS BELOW ARE SPACED 24" o/c, SUCH MEMBERS SHALL BEAR WITHIN 5" OF THE STUDS BENEATH. ALTERNATIVES INCLUDE THE WALL STUDS AND TOP PLATES ARE 2 x 6 WITH THE PROPER TYPE AND GRADE. A THIRD TOP PLATE IS INSTALLED OR SOLID BLOCKING EQUAL IN SIZE TO THE STUDS IS INSTALLED TO REINFORCE THE DOUBLE TOP PLATE.
10. DESIGN LOADS
 1. FIRST FLOOR TRUSS SPANS DETERMINED BY: 40 psf. LIVE, 10 psf. DEAD
 2. RAFTERS, 20 psf. LIVE, 10 psf. DEAD
 3. ROOF TRUSSES, TOP CHORD 20 psf. LIVE, 10 psf. DEAD
BOTTOM CHORD 0 psf. LIVE, 10 psf. DEAD
11. MULTIPLY LVL BEAMS (3 MEMBERS OR MORE) SHALL BE CONNECTED TOGETHER WITH 1/2" DIAMETER BOLTS IN 2 ROWS STAGGERED AND SPACED AT 12" o/c, IN ACCORDANCE WITH THE MEG. SPECIFICATIONS.
12. BUILT-UP BEAMS AND WALL STUDS SHALL BE CONSTRUCTED WITH CONTINUOUS MEMBERS (NO BUTT JOINTS WITHIN BUILT-UP MEMBER).
13. FLOOR JOIST DESIGN SHALL USE L/480 MAXIMUM DEFLECTION.
14. VERIFY HANDRAILS WITH 4 RISERS OR MORE R311.1.8
15. VERIFY DOORS MEET EGRESS REQUIREMENTS PER NCDOI INTERPRETATION, VERIFY INSTALLATION IN ACCORDANCE WITH R305.1.1(2)
16. 1/2" OSB EXTERIOR SHEATHING ON ENTIRE STRUCTURE.

SQUARE FOOTAGES

FIRST FLOOR (HTD.)	1025
SECOND FLOOR (HTD.)	1550
TOTAL HTD.	2575
GARAGE	544
PORCH	116

SECOND FLOOR PLAN

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

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