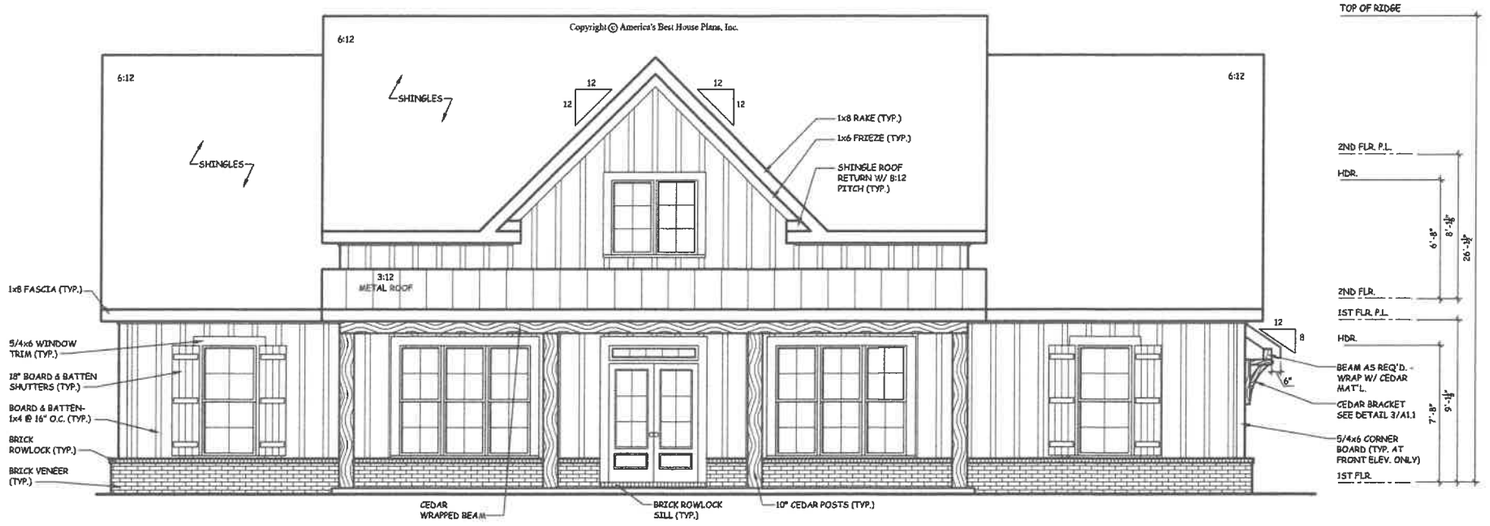
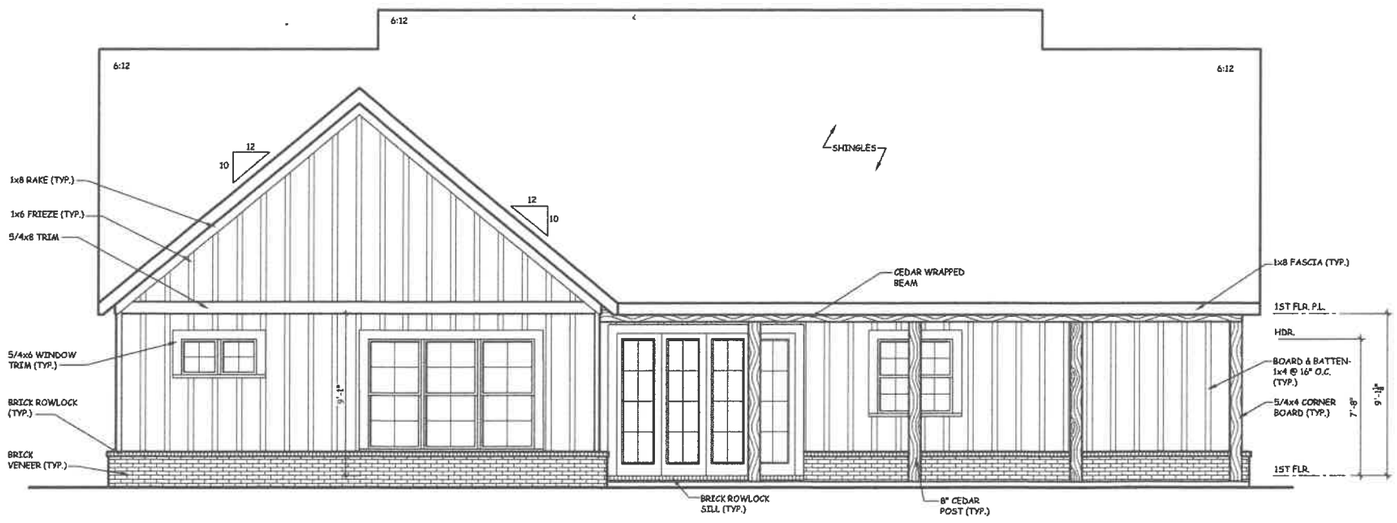
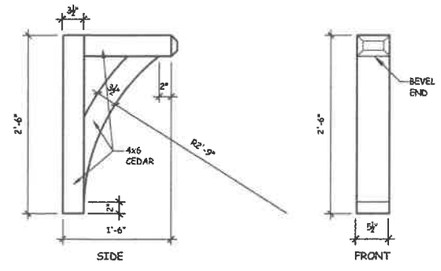


1 A1.1 **FRONT ELEVATION**
SCALE: 1/4" = 1'-0"



2 A1.1 **REAR ELEVATION**
SCALE: 1/4" = 1'-0"



3 A1.1 **TYP. BRACKET DETAIL**
SCALE: 1/4" = 1'-0"

THE GABLES COLLECTION
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FRONT & REAR ELEVATIONS

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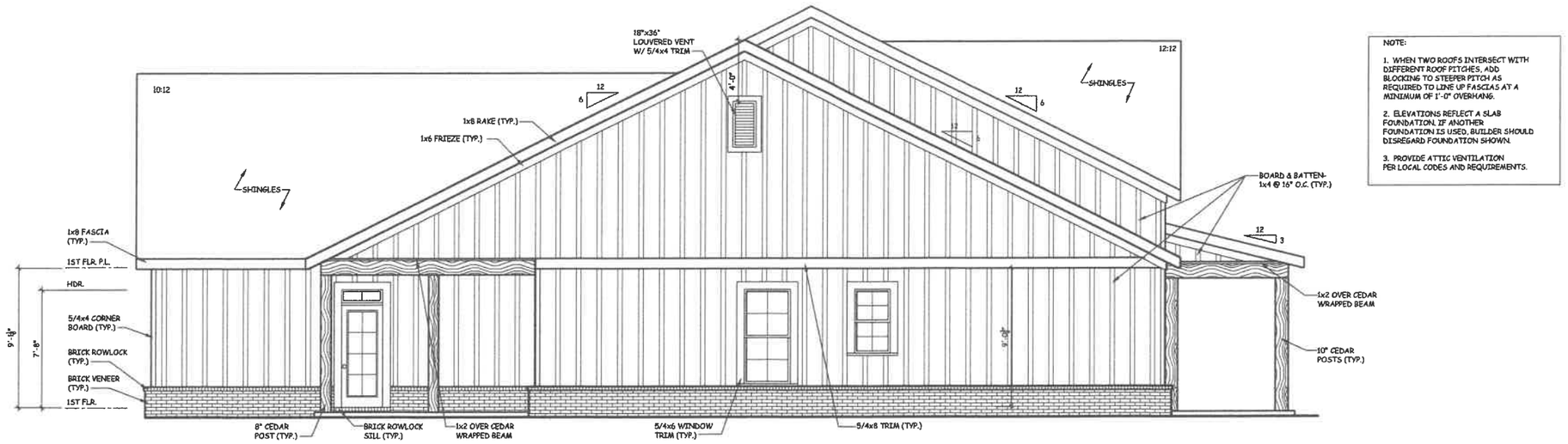
SHEET A1.1



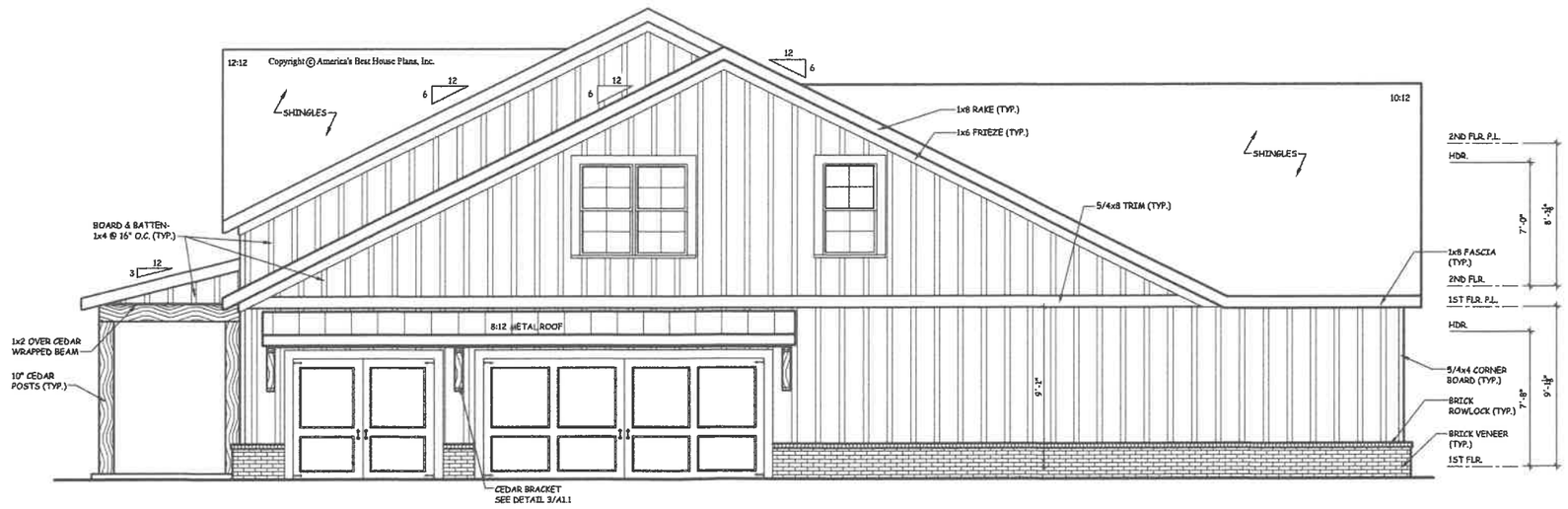
1 A1.2 LEFT ELEVATION
SCALE: 1/4" = 1'-0"

NOTE:

1. WHEN TWO ROOFS INTERSECT WITH DIFFERENT ROOF PITCHES, ADD BLOCKING TO STEEPER PITCH AS REQUIRED TO LINE UP FASCIAS AT A MINIMUM OF 1'-0" OVERHANG.

2. ELEVATIONS REFLECT A SLAB FOUNDATION. IF ANOTHER FOUNDATION IS USED, BUILDER SHOULD DISREGARD FOUNDATION SHOWN.

3. PROVIDE ATTIC VENTILATION PER LOCAL CODES AND REQUIREMENTS.



2 A1.2 RIGHT ELEVATION
SCALE: 1/4" = 1'-0"

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SIDE ELEVATIONS

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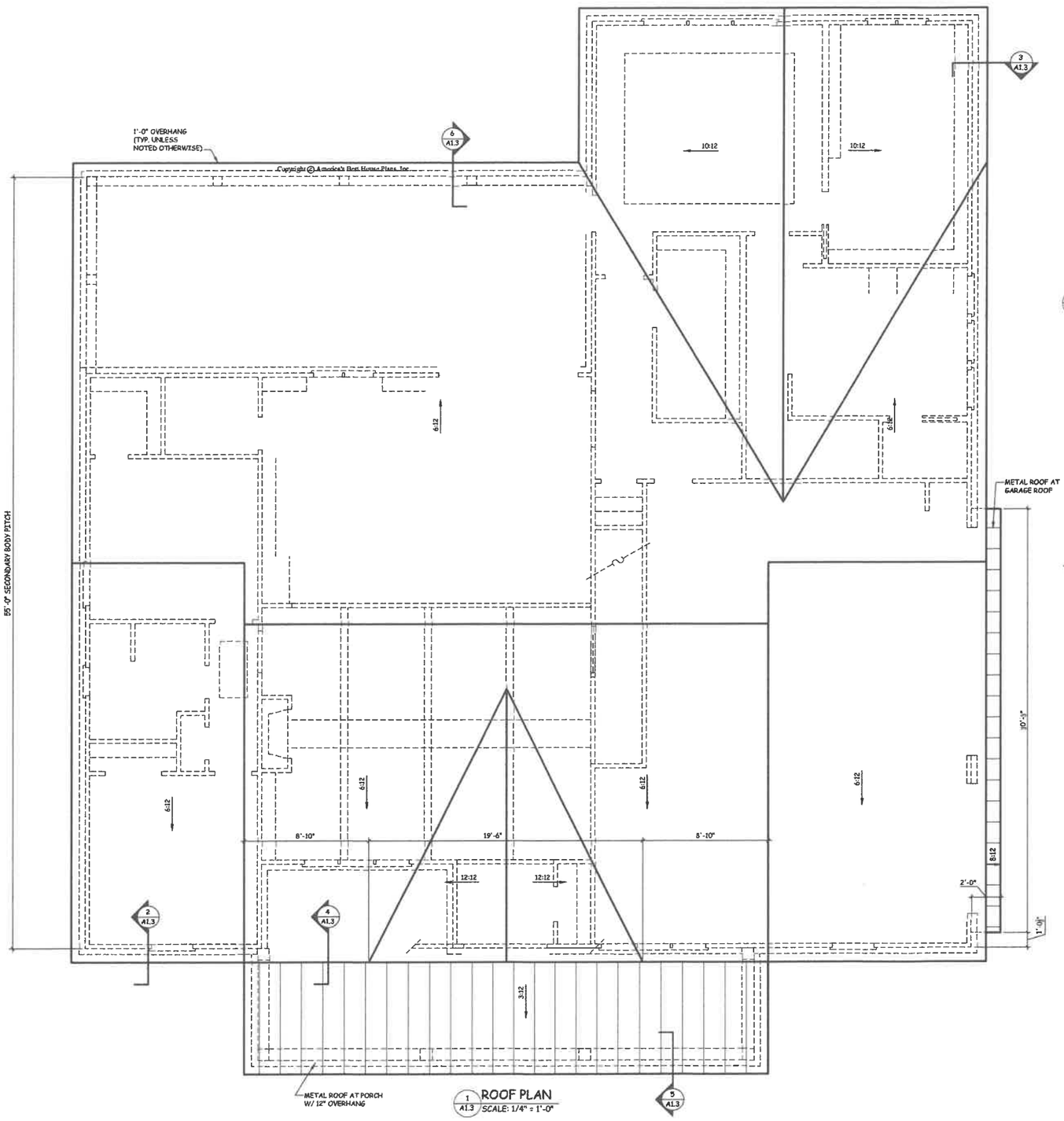
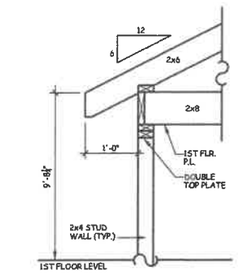
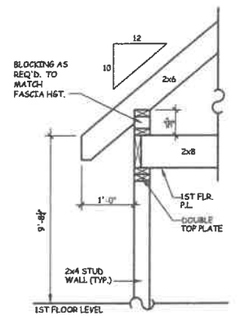


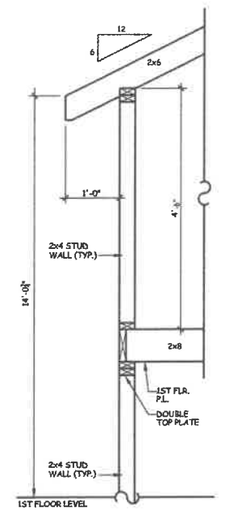
1 ROOF PLAN
A1.3 SCALE: 1/4" = 1'-0"



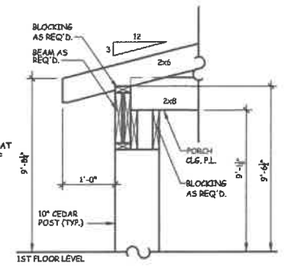
2 RAFTER FRAMING DETAIL
A1.3 SCALE: 3/4" = 1'-0"



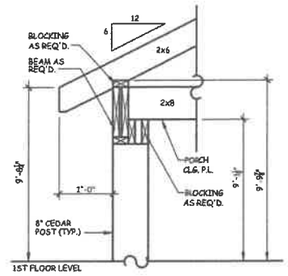
3 RAFTER FRAMING DETAIL
A1.3 SCALE: 3/4" = 1'-0"



4 RAFTER FRAMING DETAIL
A1.3 SCALE: 3/4" = 1'-0"



5 PORCH FRAMING DETAIL
A1.3 SCALE: 3/4" = 1'-0"



6 PORCH FRAMING DETAIL
A1.3 SCALE: 3/4" = 1'-0"

THE GABLES COLLECTION

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ROOF PLAN & RAFTER FRAMING DETAILS

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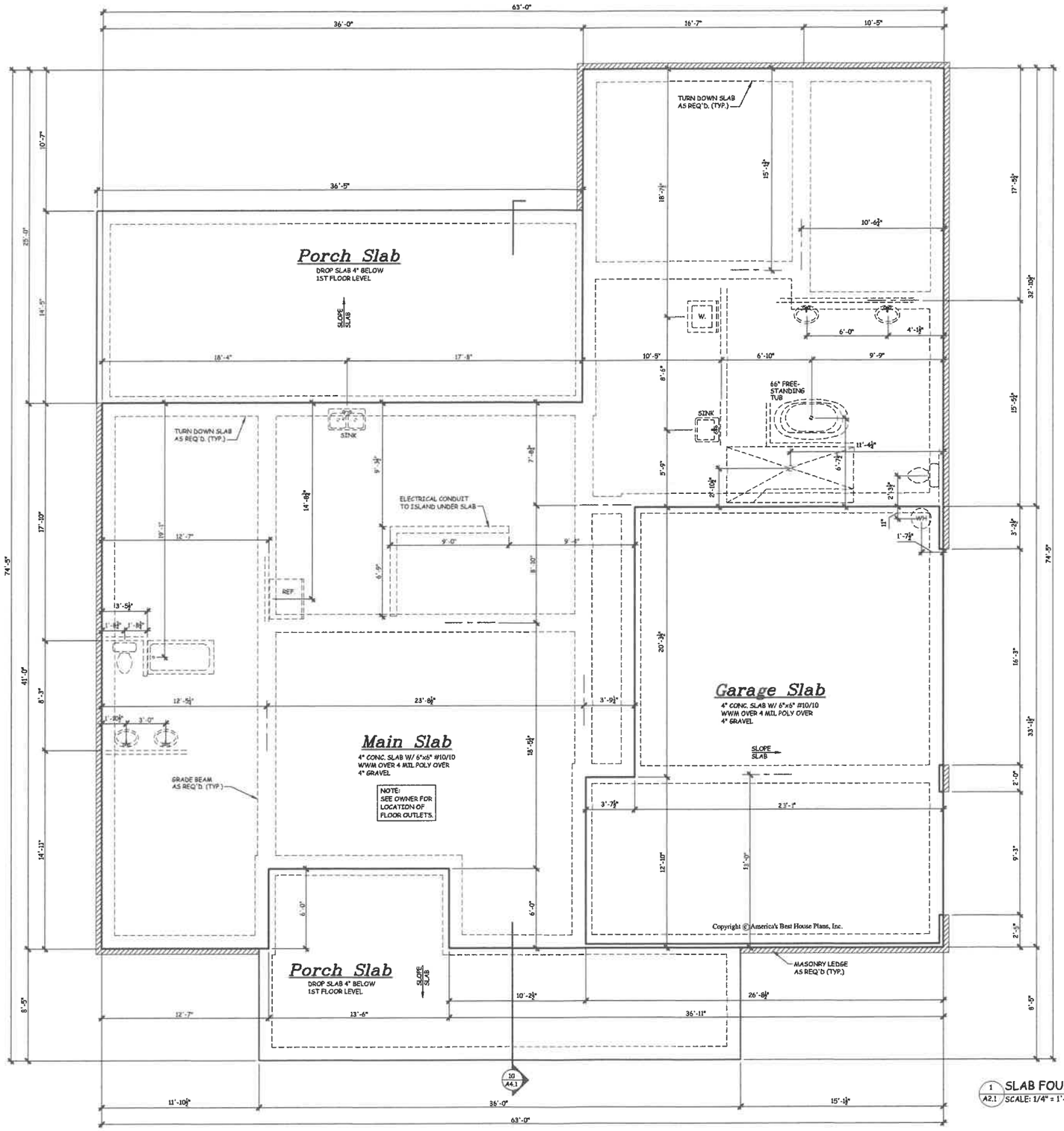

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SLAB FOUNDATION PLAN

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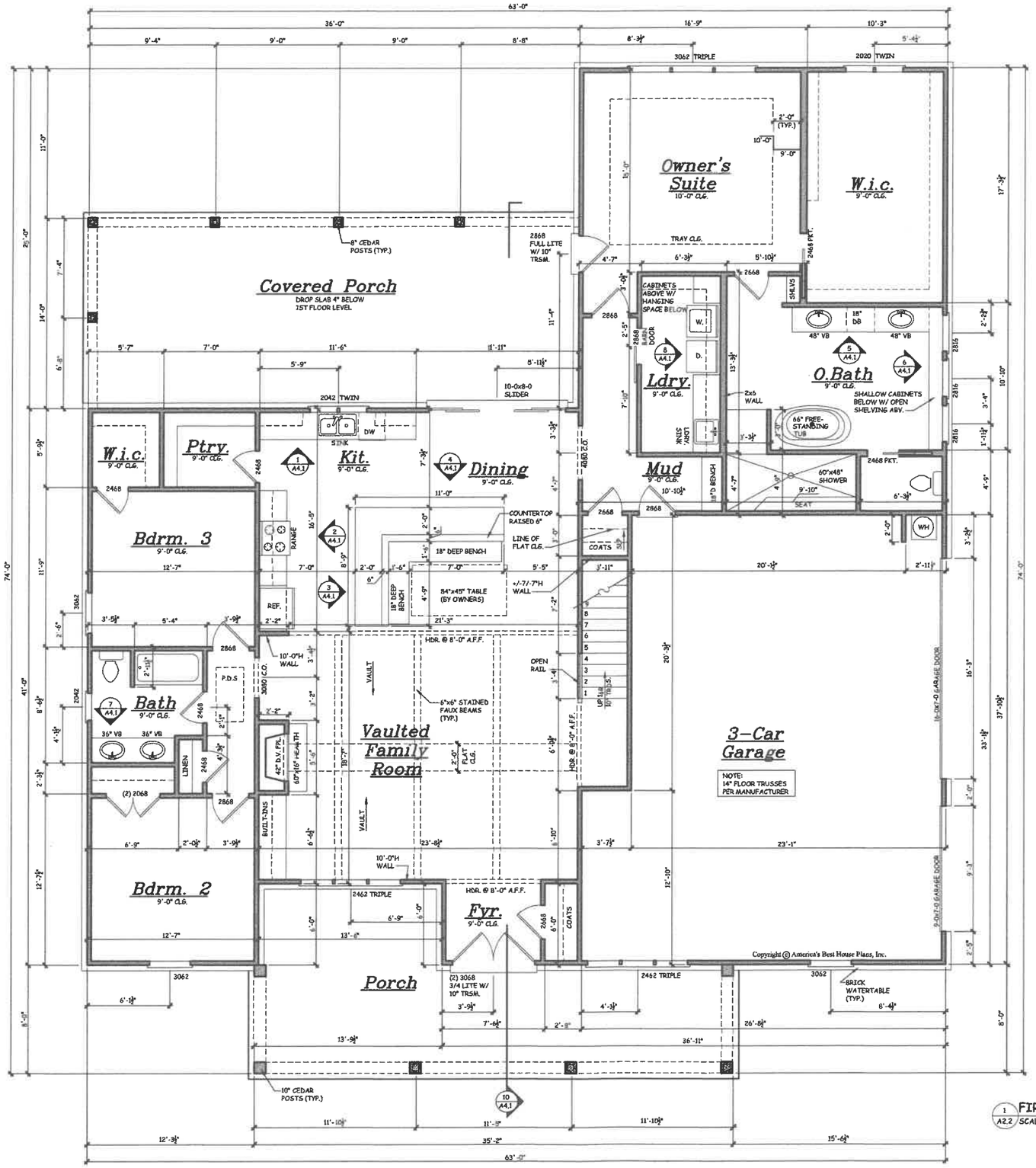

1 A2.2 FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:
1. THESE PLANS ARE DESIGNED TO MEET THE 2021 INTERNATIONAL RESIDENTIAL CODE FOR ONE AND TWO FAMILY DWELLINGS.

2. BUILDER IS RESPONSIBLE TO SEE THAT THE HOUSE IS BUILT IN STRICT COMPLIANCE WITH CITY, COUNTY, STATE AND FEDERAL CODES IN THE AREA THE HOUSE IS TO BE CONSTRUCTED.

3. BUILDER MUST VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO AMERICA'S BEST HOUSE PLANS, INC. FOR JUSTIFICATION AND/OR CORRECTIONS. BUILDER SHALL ASSUME RESPONSIBILITY FOR ERRORS THAT ARE NOT REPORTED.

4. ALL DIMENSIONS SHOULD BE READ OR CALCULATED AND NEVER SCALED.

5. THESE PLANS ARE NOT TO BE COPIED OR REPRODUCED IN ANY FORM WITHOUT THE EXPRESS WRITTEN PERMISSION OF AMERICA'S BEST HOUSE PLANS, INC.

6. ALL LOAD BEARING WALLS, BEAM SUPPORTS AND RAFTER BRACING SHOULD CARRY LOAD THRU ALL LEVELS TO FOUNDATION AND BE SUPPORTED BY GRADE BEAMS OR FOOTINGS DESIGNED TO CARRY LOADS.

7. ALL ANGLED WALLS ARE 45° UNLESS NOTED OTHERWISE.

8. ALL STRUCTURAL BEAMS AND WALLS ARE TO BE DESIGNED BY A LOCAL STRUCTURAL ENGINEER AND MEET ALL LOCAL CODES.

9. FLOOR AND ROOF TRUSS DRAWINGS MUST BE PROVIDED BY TRUSS MANUFACTURER. PLUMBING AND HVAC PLANS SHOULD BE PROVIDED BY A LOCAL CONTRACTOR.

10. SQUARE FOOTAGE CALCULATIONS ARE MADE FROM OUTSIDE OF EXTERIOR FRAME WALL AND INCLUDE FINISHED AREAS ONLY. AREAS NOT INCLUDED ARE DECKS, PORCHES, GARAGES, BASEMENTS, ATTICS, FIREPLACES, ETC. TWO STORY, VAULTED AREAS AND STAIRS ARE COUNTED ONCE IN THE FIRST FLOOR SQUARE FOOTAGE CALCULATIONS. BRICK IS NOT COUNTED IN OUR SQUARE FOOTAGE CALCULATIONS.

11. AMERICA'S BEST HOUSE PLANS, INC. ASSUMES NO LIABILITY FOR ANY CHANGES OR MODIFICATIONS MADE TO THESE PLANS BY OTHERS.

12. THESE PLANS ARE PROTECTED BY COPYRIGHT. REPRODUCTION OF THE HOUSE PLANS, EITHER IN WHOLE OR PART, INCLUDING ANY FORM OF COPYING AND/OR PREPARATION OF DERIVATIVE WORKS THERE OF, FOR ANY REASON WITHOUT PRIOR WRITTEN PERMISSION BY AMERICA'S BEST HOUSE PLANS, INC. IS STRICTLY PROHIBITED.

NOTE:
SET FIRST FLOOR WINDOW HEADERS AT 7'-8" A.F.F. UNLESS OTHERWISE NOTED.

ALL FIRST FLOOR DOORS ARE 6'-8"H UNLESS OTHERWISE NOTED.

ALL ANGLES SHOWN ARE 45° UNLESS OTHERWISE NOTED.

SQUARE FOOTAGE	
1ST FLOOR	2,366 SQ. FT.
OPT. BONUS	794 SQ. FT.
PORCHES	866 SQ. FT.
GARAGE	811 SQ. FT.

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FIRST FLOOR PLAN

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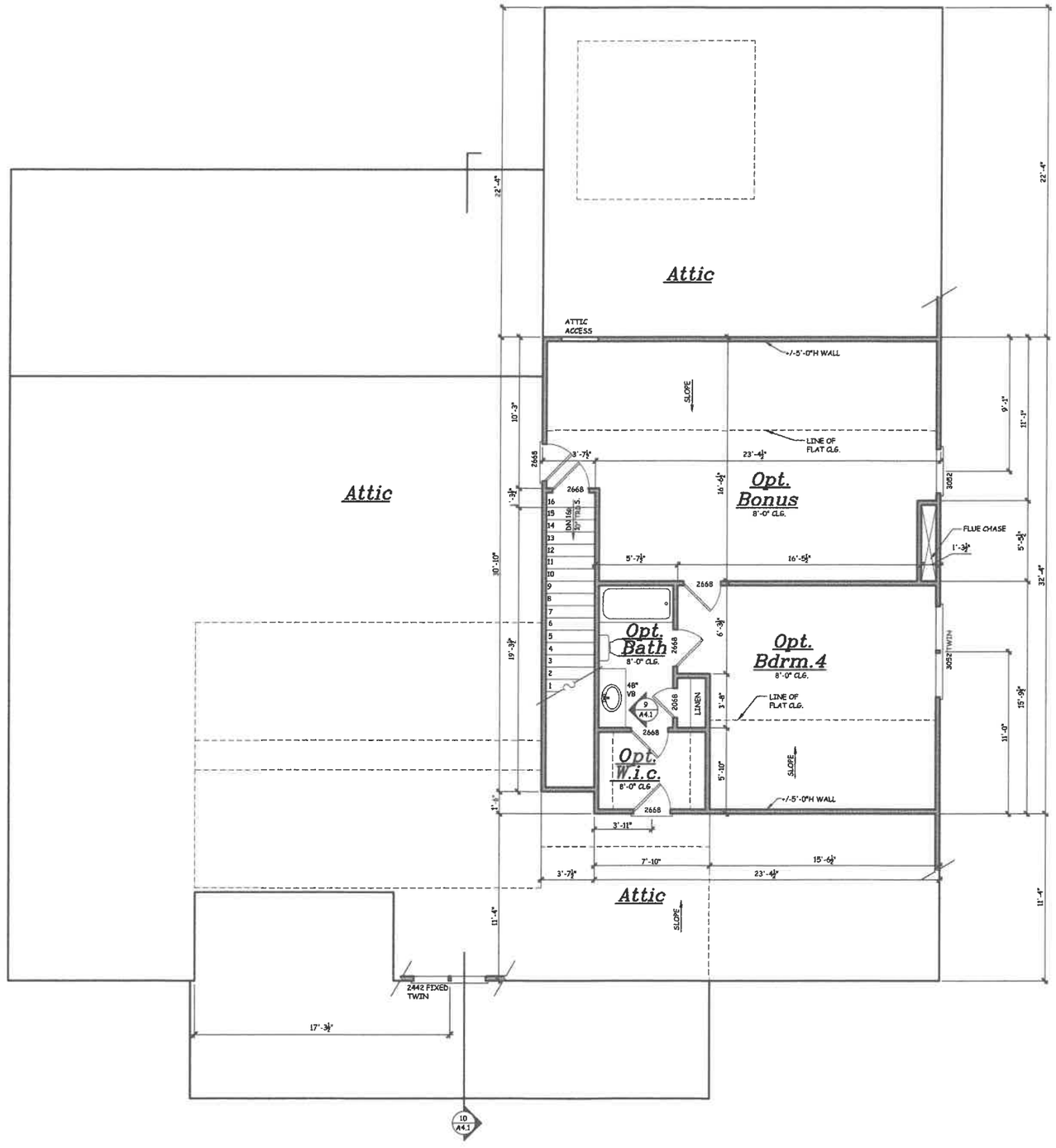

1 A2.3 SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"

NOTE:
SET SECOND FLOOR WINDOW HEADERS AT 7'-0" A.F.F. UNLESS OTHERWISE NOTED.

ALL SECOND FLOOR DOORS ARE 6'-8"H UNLESS OTHERWISE NOTED.

ALL ANGLES SHOWN ARE 45° UNLESS OTHERWISE NOTED.

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SECOND FLOOR PLAN

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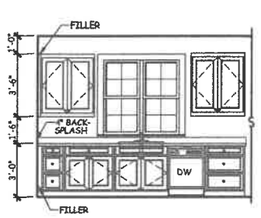
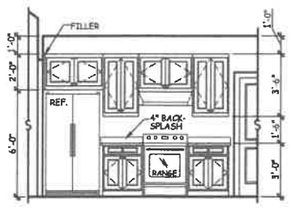
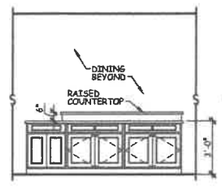
SHEET A2.3



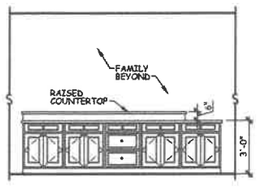
1 KITCHEN CABINETS
A4.1 SCALE: 1/4" = 1'-0"



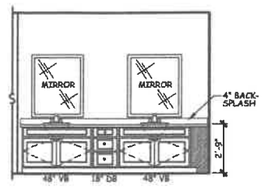
2 KITCHEN CABINETS
A4.1 SCALE: 1/4" = 1'-0"



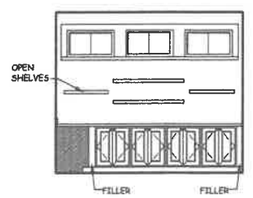
3 KITCHEN CABINETS
A4.1 SCALE: 1/4" = 1'-0"



4 KITCHEN CABINETS
A4.1 SCALE: 1/4" = 1'-0"



5 O. BATH CABINETS
A4.1 SCALE: 1/4" = 1'-0"



6 O. BATH CABINETS
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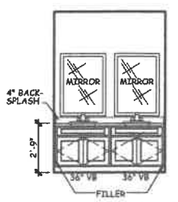
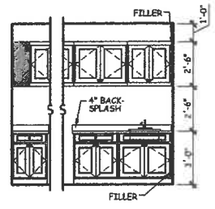
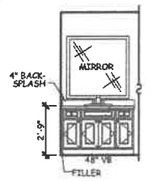


7 BATH CABINETS
A4.1 SCALE: 1/4" = 1'-0"



8 LDRY. CABINETS
A4.1 SCALE: 1/4" = 1'-0"



9 BATH CABINETS
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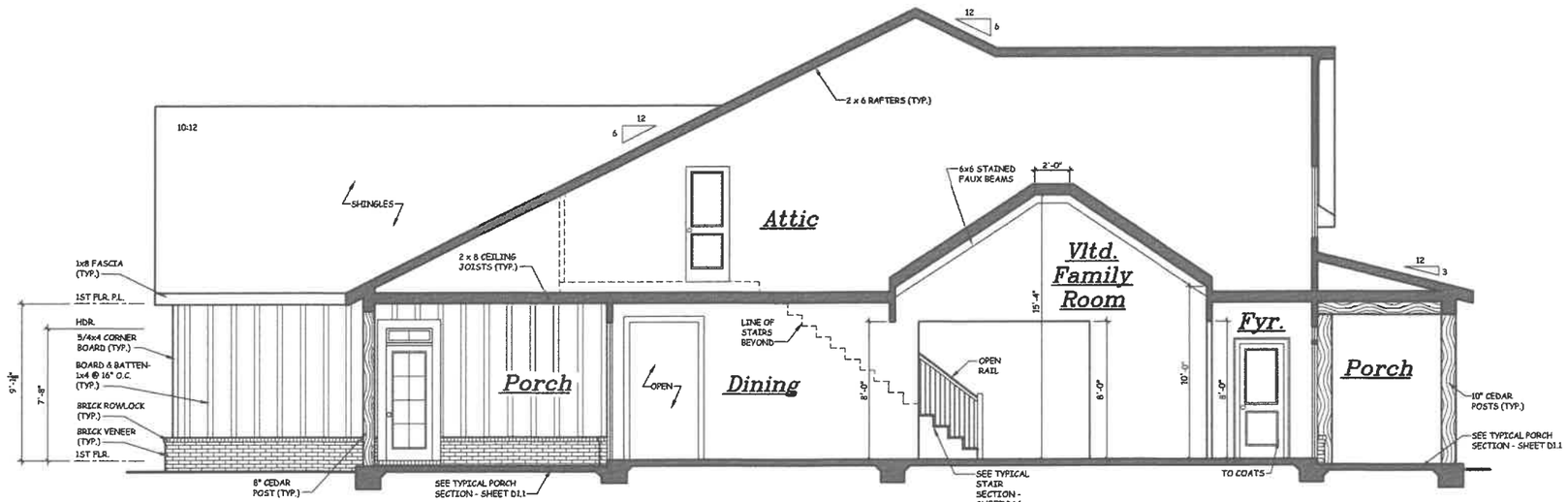

10 BUILDING SECTION
A4.1 SCALE: 1/4" = 1'-0"

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INTERIOR DETAILS & BUILDING SECTION

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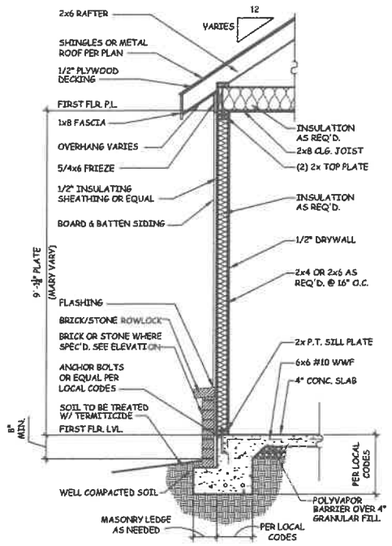
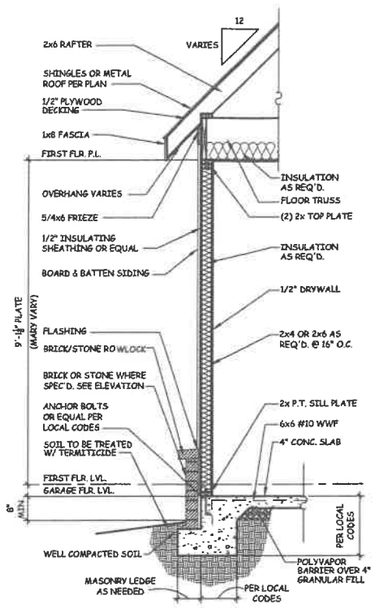
2. BUILDER IS RESPONSIBLE TO SEE THAT THE HOUSE IS BUILT IN STRICT COMPLIANCE WITH CITY, COUNTY, STATE AND FEDERAL CODES IN THE AREA THE HOUSE IS TO BE CONSTRUCTED.

3. AMERICA'S BEST HOUSE PLANS, INC. ASSUMES NO LIABILITY FOR ANY CHANGES OR MODIFICATIONS MADE TO THESE PLANS BY OTHERS.

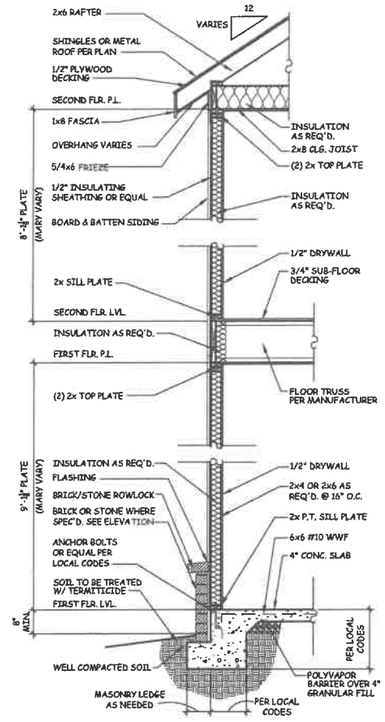
4. CONCRETE REINFORCEMENT SHOWN TO BE SIZED PER LOCAL CODE REQUIREMENTS OR CONTACT A STRUCTURAL ENGINEER FOR PROPER SPECIFICATIONS.



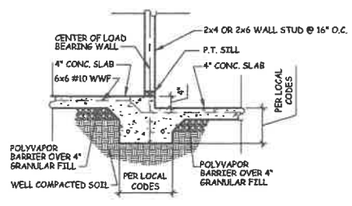
1 D1.1 TYPICAL WALL SECTION
SCALE: 1/2" = 1'-0"



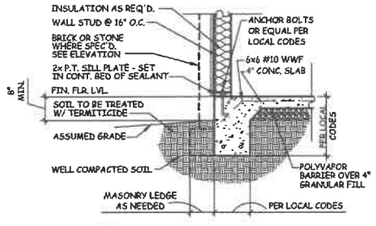
2 D1.1 TYP. WALL SECTION W/ BONUS
SCALE: 1/2" = 1'-0"



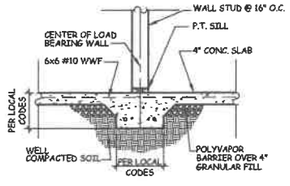
3 D1.1 TYP. 2-STORY WALL SECTION
SCALE: 1/2" = 1'-0"



4 D1.1 STEPPED SLAB DETAIL
SCALE: 1/2" = 1'-0"



5 D1.1 TURN DOWN SLAB DETAIL
SCALE: 1/2" = 1'-0"



6 D1.1 GRADE BEAM DETAIL
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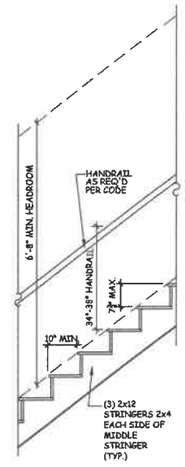

7 D1.1 TYPICAL STAIR SECTION
SCALE: 1/2" = 1'-0"

DETAIL SHEET

TYPICAL SLAB DETAILS

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DRAWN BY: AMH
DATE: 07/09/21
REVISIONS:

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DESIGN CRITERIA
1. 2018 NORTH CAROLINA STATE BUILDING CODES
2. ASCE 7-10
3. DESIGN LOADS
   --- LIVE LOAD (ROOF) = 20 PSF
   --- LIVE LOAD (CEILING-LIMITED STORAGE) = 20 PSF
   --- LIVE LOAD (CEILING-LIVING ROOM VAULT) = 10 PSF
   --- LIVE LOAD (FLOOR) = 40 PSF
   --- GROUND SNOW LOAD = 15 PSF
   --- ULTIMATE WIND VELOCITY = 115 MPH
   --- EXPOSURE CATEGORY = B
   --- ASSUMED GROUND BEARING CAPACITY 12" BELOW GRADE: 2,000 PSF (CONTRACTOR RESPONSIBLE FOR VERIFICATION)

GENERAL NOTES
1. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING EXISTING UNDERGROUND UTILITIES IN THE AREA OF CONSTRUCTION.
2. THE CONTRACTOR SHALL COORDINATE THEIR WORK ACTIVITIES WITH THE OWNER OR OWNER REPRESENTATIVE.
3. CONTRACTOR SHALL MAKE A CAREFUL INSPECTION OF THE SITE TO FAMILIARIZE HIM/HERSELF WITH THE ACTUAL CONDITIONS OF THE SITE PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL CHECK AND VERIFY GIVEN DIMENSIONS, TAKE ADDITIONAL DIMENSIONS AS REQUIRED AND REPORT ANY INACCURACIES TO THE ENGINEER BEFORE BEGINNING CONSTRUCTION.
5. ALL WORK SHALL CONFORM TO THE THE CURRENT EDITIONS OF THE NORTH CAROLINA STATE BUILDING CODE, THE AISC CODE, THE ACI BUILDING CODE (ACI 318), THE AMERICAN WELDING SOCIETY CODE, ALL APPLICABLE ASTM STANDARDS, AND LOCAL GUIDELINES. IN CASES OF CONFLICT, THE MOST STRINGENT REQUIREMENT SHALL GOVERN.
6. CONTRACTOR SHALL COORDINATE AND VERIFY THE SIZE, LOCATION, TYPE, AND DIRECTION OF ALL PADS, DEPRESSIONS, BOLTS, SLEEVES, ANCHORS, INSERTS, OPENINGS, ETC. TO BE SET OR CAST IN CONCRETE OR MASONRY PRIOR TO PLACEMENT.
7. CONTRACTOR SHALL COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO FOUNDATION LAYOUT AND FABRICATION OF ANY STRUCTURAL MEMBERS. DIMENSIONS SHOWN ARE BASED ON PRELIMINARY DRAWINGS PROVIDED BY THE ARCHITECT/CONTRACTOR AND/OR SITE INSPECTION. THESE DIMENSIONS SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
8. CONTRACTOR SHALL DESIGN AND INSTALL ALL TEMPORARY SHORING REQUIRED TO STABILIZE NEW AND EXISTING STRUCTURES AND FOUNDATIONS UNTIL CONSTRUCTION IS COMPLETE.
9. OMISSIONS OR CONFLICTS BETWEEN VARIOUS ELEMENTS OF THE DRAWINGS, SPECIFICATIONS, NOTES, AND DETAILS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, AND RESOLVED BEFORE PROCEEDING WITH WORK.
10. THE DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THE STRUCTURE SHOWN IS STRUCTURALLY SOUND IN ITS COMPLETED FORM ONLY. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION.
11. APPLY TERMITE TREATMENT TO GROUND SURFACES WITHIN THE DEFINED SCOPE OF WORK AS REQUIRED BY CODE AND LOCAL BUILDING INSPECTOR.
12. ONLY SEALED DRAWINGS WITH MOST RECENT REVISIONS ARE APPLICABLE FOR CONSTRUCTION.
13. STRUCTURAL PLANS DO NOT INCORPORATE ADA, PLUMBING, MECHANICAL, ELECTRICAL, OR SITE FEATURES. ENGINEER'S SEAL APPLIES TO STRUCTURAL COMPONENTS ONLY.
14. SECTIONS AND DETAILS SHOWN AT LOCATIONS INDICATED ON PLAN ARE TYPICAL FOR OTHER SIMILAR CONDITIONS OF BUILDING, EVEN IF NO SECTION CUT IS INDICATED AT A SIMILAR CONDITION. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL DETAILS WITH OTHER TRADES, DISCIPLINES, AND ALL SECTIONS AND DETAILS WITHIN STRUCTURAL DOCUMENTS. CONTRACTOR SHALL COORDINATE THESE STRUCTURAL DRAWINGS WITH DRAWINGS OF OTHER DISCIPLINES. SHOULD CONFLICTS OR DEVIATIONS BE NOTED, THEY SHOULD BE IMMEDIATELY BROUGHT TO THE ATTENTION OF SUBJECT DESIGNERS FOR REVIEW.

SOIL FOUNDATIONS
1. ALL BOTTOM OF FOOTINGS SHALL BE CAST A MINIMUM OF 12" BELOW ORIGINAL GROUND LINE AND IN NO CASE ABOVE THE FROST LINE BASED ON 2018 NCBC AND LOCAL STANDARDS. NO FOOTINGS SHALL BE CAST ON LOOSE FILL MATERIAL.
2. ALL FILL SHALL BE PLACED IN 8" MAXIMUM LOOSE LIFTS AND SHALL BE COMPACTED TO A MINIMUM OF 96 PERCENT MAXIMUM DRY DENSITY AS DETERMINED IN ACCORDANCE WITH ASTM D-698 (STANDARD PROCTOR METHOD). THIS REQUIREMENT SHALL BE INCREASED TO 98 PERCENT OF ASTM D-698 IN THE FINAL FOOT BENEATH FLOOR SLABS AND PAVEMENTS.
3. USE OF A SMOOTH EDGE BUCKET IS RECOMMENDED TO EXCAVATE FOR FOOTINGS. TOOTHED BUCKETS MAY ALLOW BEARING SOILS TO PERFORM INEFFECTIVELY AND ALLOW WATER TO SATURATE THE FOUNDATION SUB-GRADE.
4. ONCE FOOTINGS ARE ABLE TO HANDLE LATERAL LOADING, BACKFILL WITH ENGINEERED STONE OR NO. 57 STONE IN 8" UNIFORM LIFTS. EXTERIOR OF THE FOOTING MAY BE BACKFILLED WITH 8" UNIFORM LIFTS OF SUITABLE SOILS COMPACTED TO 95% OF THE DRY DENSITY BEYOND THE PLACEMENT OF THE FOOTING DRAIN.
5. A 10 MIL VAPOR BARRIER IS TO BE PLACED OVER THE ENTIRETY OF THE SUB-BASE, PRIOR TO PLACEMENT OF THE FLOOR INSULATION AND ANY CONCRETE SLAB-ON-GRADE. WITHIN CRAWL SPACES A MINIMUM 6-MIL VAPOR BARRIER SHALL BE INSTALLED ON BARE SOILS.

REINFORCING
1. ALL DETAILING, FABRICATION AND PLACING OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH THE LATEST "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES," ACI 315.
2. CLEAR CONCRETE COVER OVER BARS SHALL BE 3" FOR FOOTINGS AND OTHER CONCRETE CAST AGAINST GROUND. CONCRETE COVER IN OTHER LOCATIONS TO BE A MINIMUM 1.5" (TYP. U.N.O.)
3. PROVIDE CORNER BARS AT ALL FOOTING STEPS AND CORNERS. THE REINFORCING BARS SHALL BE A MINIMUM OF 2'-6" LONG AND SHALL HAVE THE SAME SIZE AND SPACING AS THE HORIZONTAL REINFORCING.
4. LAP ALL SPLICES IN CONCRETE AS SPECIFICALLY CALLED FOR, BUT AT LEAST 48 BAR DIAMETERS FOR TENSION OR COMPRESSION, UNLESS NOTED OTHERWISE.
5. PROVIDE VERTICAL REINFORCEMENT IN FOUNDATION WALLS FOR UNBALANCED BACKFILL IN ACCORDANCE WITH APPLICABLE DESIGN DETAILS. WHERE NOT DETAILED IN PLAN, REINFORCEMENT SHALL BE INSTALLED PER TABLE R404.1.1(1) & (2) IN THE 2018 NCBC:RC.
6. REINFORCING BARS SHALL BE DEFORMED AND PLAIN CARBON-STEEL CONFORMING TO ASTM A615, GRADE 60.
7. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A1064 AND BE SUPPLIED IN SHEETS, NOT ROLLS, U.N.O. MINIMUM 6X6 - W1.4 X W1.4 WELDED WIRE FABRIC. MINIMUM 1.5" FROM BOTTOM OF CONCRETE SLAB ON GRADES. FOR COMPOSITE SLAB, PLACE W.W.F. ON CONCRETE CHAIRS AT MID-DEPTH B/W TOP OF SLAB AND TOP OF DECK.

CONCRETE NOTES
1. CONCRETE CONSTRUCTION SHALL COMPLY WITH ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (LATEST EDITION), ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (LATEST EDITION), AND ACI 302 "GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION" (LATEST EDITION).
2. MIX DESIGN SHALL BE IN ACCORDANCE WITH ACI 318 (CURRENT EDITION).
3. MINIMUM CEMENT CONTENT = 500 LBS PER CUBIC YARD.
4. CONCRETE SHALL BE NORMAL WEIGHT CONCRETE AND SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS (4,000 PSI FOR SLABS-ON-GRADE).
5. MAXIMUM SLUMP = 4" PLUS OR MINUS 1" PRIOR TO THE ADDITION OF ADMIXTURES.
6. THE MAX. AGGREGATE SIZE SHALL BE 3/4" UNLESS MIX DESIGN IS APPROVED BY ENGINEER PRIOR TO PLACEMENT.
7. CONCRETE AGGREGATES SHALL COMPLY WITH ASTM C33 AND SHALL BE FREE OF CLAY, FOAM, LUMPS, OR OTHER DELETERIOUS SUBSTANCES.
8. CONCRETE SHALL BE CONSOLIDATED USING CONCRETE VIBRATOR IN ACCORDANCE WITH ACI 309R-05.
9. EXTERIOR SLABS SHALL HAVE 6% ± 1% AIR ENTRAINMENT. DO NOT USE AIR ENTRAINMENT ON INTERIOR SLABS (3% MAXIMUM AIR ENTRAINMENT). AIR ENTRAINMENT SHALL COMPLY WITH ASTM C260.
10. THE CONTROL JOINT SPACING SHALL BE A MAXIMUM OF 12' OR AS SHOWN ON PLANS FOR A 4" THICK SLAB. PLACE CONTROL JOINTS TO AVOID RE-ENTRANT CORNERS. MAKE SAWCUTS TO FORM WEAKEN PLANE CONTROL JOINTS AS SOON AS POSSIBLE.

GENERAL FRAMING DESIGN NOTES
1. FRAMING STANDARD: COMPLY WITH AF&PA'S "DETAILS FOR CONVENTIONAL WOOD FRAME CONSTRUCTION", UNLESS OTHERWISE INDICATED.
2. ALL EXTERIOR WALLS SHALL BE FRAMED PER THE FOLLOWING SPECIFICATIONS:
   2.1. MAIN LEVEL WALLS & GABLE END WALLS <= 10'-0" HT.: 2X4 STUDS SPACED AT 16" O.C., U.N.O. (MAX. HT. = 10'-0")
   2.2. GABLE END WALLS > 10'-0" HT.: 2-2X4 STUDS SPACED AT 16" O.C., U.N.O. (MAX. HT. = 12'-6")
3. ALL INTERIOR WALLS SHALL BE FRAMED PER THE FOLLOWING SPECIFICATIONS:
   3.1. LOAD BEARING WALLS: 2X4 STUDS SPACED AT 16" O.C., U.N.O. (MAX. HT. = 10'-0")
   3.2. NON-LOAD BEARING PARTITION WALLS: 2X4 STUDS SPACED UP TO 24" O.C. (MAX. HT. = 10'-0")
4. USE 5/8" DIAMETER ANCHOR BOLTS, 7" MINIMUM EMBEDMENT IN CONCRETE/CMU, AT A MAXIMUM OF 5'-0" ON CENTER AND A MAXIMUM OF 12" FROM CORNERS AND OPENINGS EXCEEDING 4'-0" IN WIDTH.
5. NAIL 2X BOTTOM PLATE TO RIM JOIST BELOW WITH 16D NAILS AT 4" O.C. SPACING.
6. INSTALL METAL HANGERS, TIES, CLIPS, ETC. PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
7. DO NOT SPLICE BUILT-UP BEAM MEMBERS BETWEEN SUPPORTS UNLESS OTHERWISE INDICATED.
8. WHERE BUILT-UP BEAMS OR GIRDERS OF 2-INCH NOMINAL DIMENSIONAL LUMBER ON EDGE ARE REQUIRED, FASTEN TOGETHER WITH 3 ROWS OF 16D NAILS SPACED NOT LESS THAN 24" O.C. LOCATED ONE ROW 1.5" FROM TOP EDGE AND ONE ROW 1.5" FROM BOTTOM EDGE.
9. WHERE MULTI-PLY LVL BEAMS ARE REQUIRED, FASTEN PLIES TOGETHER PER MANUF. SPECIFICATIONS.
10. FOR BUILT-UP (GANG) COLUMNS, CONNECT EACH PLY W/ (2) ROWS OF 10D NAILS AT 12" O.C.
11. INSTALL EQUIVALENT, SOLID BLOCKING BELOW ALL STUD GROUPS TO ENSURE CONTINUOUS LOAD PATH TO THE FOUNDATION.
12. INSTALL MINIMUM, FULL LENGTH (BEARING POINT TO BEARING POINT) 2-PLY JOISTS BELOW PARALLEL, PARTITION WALL SECTIONS U.N.O.
13. LEVEL TO LEVEL STRAP TIES: LAP EXTERIOR SHEATHING PANELS AT LEAST 24" ABOVE BOTTOM PLATE OR BELOW TOP PLATE.
14. SEE FRAMING PLANS FOR ALL BEARING HEADER SIZES.
15. ALL ROOF FRAMING MUST BE TIED TO THE FRAMING BELOW WITH SIMPSON H2.5A TIES, TRUSS SCREWS, OR EQUIVALENT FASTENING MECHANISM.
16. ALL LUMBER EXPOSED TO CONCRETE/MASONRY OR WEATHER MUST BE PRESSURE TREATED.
17. ALL FASTENERS/METAL HARDWARE EXPOSED TO WEATHER OR PRESSURE TREATED LUMBER MUST BE GALVANIZED.
18. ALL FASTENING SHALL CONFORM TO TABLE R602.3(1) IN THE 2018 NCBC:RC.
19. ATTACH INTERIOR WALL SOLE PLATES TO CONCRETE SLAB USING SIMPSON PDPA-250 POWDER ACTUATED FASTENERS (OR APPROVED EQUIV.) SPACED AT 16" O.C.
20. PROVIDE KING STUDS AT NEW EXTERIOR OPENINGS PER 2018 NCBC:RC TABLE R602.3(5) SUBNOTE "d". "ONE HALF OF THE STUDS INTERRUPTED BY A WALL OPENING SHALL BE PLACE IMMEDIATELY OUTSIDE THE JACK STUDS ON EACH SIDE OF THE OPENING AS KING STUDS ... KING STUDS SHALL EXTEND FULL HEIGHT FROM SOLE PLATE TO TOP PLATE OF WALL"

DIMENSIONAL LUMBER FRAMING
1. MAXIMUM MOISTURE CONTENT: 19%.
2. NO. 2 GRADE OR BETTER (EXCEPT STUD WALLS) AND ANY OF THE FOLLOWING SPECIES:
   --- HEM-FIR (NORTH), NLGA.
   --- SOUTHERN PINE, SPIB.
   --- DOUGLAS FIR-LARCH, WCLIB OR WWPA.
   --- MIXED SOUTHERN PINE, SPIB.
   --- SPRUCE-PINE-FIR, NLGA.
   --- DOUGLAS FIR-SOUTH, WWPA.
   --- HEM-FIR, WCLIB OR WWPA.
   --- DOUGLAS FIR-LARCH (NORTH), NLGA.
3. EXTERIOR, LOAD BEARING AND INTERIOR PARTITION WALLS: ANY SPECIES (STUD GRADE OR BETTER) WITH A MODULUS OF ELASTICITY OF AT LEAST 1,300,000 PSI AND EXTREME FIBER STRESS IN BENDING OF AT LEAST 650 PSI FOR 2" NOMINAL THICKNESS AND 12" NOMINAL WIDTH FOR A SINGLE MEMBER USE.
4. JOISTS, RAFTERS, AND OTHER FRAMING NOT LISTED ABOVE: ANY SPECIES (NO. 2 OR BETTER) WITH A MODULUS OF ELASTICITY OF AT LEAST 1,300,000 PSI AND AN EXTREME FIBER STRESS IN BENDING OF AT LEAST 850 PSI FOR 2" NOMINAL THICKNESS AND 12" NOMINAL WIDTH FOR SINGLE MEMBER USE.

ENGINEERED WOOD PRODUCTS
1. LAMINATED VENEER LUMBER: STRUCTURAL COMPOSITE LUMBER MADE FROM WOOD VENEERS WITH GRAIN PRIMARILY PARALLEL TO MEMBER LENGTHS, EVALUATED AND MONITORED ACCORDING TO ASTM D5456 AND MANUFACTURED WITH AN EXTERIOR-TYPE ADHESIVE COMPLYING WITH ASTM D2559 AND CONTAINING NO UREA FORMALDEHYDE. ALL LVL BEAMS EXPOSED TO WEATHER SHALL BE WRAPPED PER THE MANUFACTURER'S SPECIFICATIONS.
   1.1. EXTREME FIBER STRESS IN BENDING, EDGEWISE: 3,100 PSI (BEAMS), 2,650 PSI (STUDS/COLUMNS)
   1.2. MODULUS OF ELASTICITY, EDGEWISE: 2,000,000 PSI (BEAMS), 1,800,000 PSI (STUDS/COLUMNS)
2. AVAILABLE MANUFACTURER'S: SUBJECTS TO COMPLIANCE WITH REQUIREMENTS, MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
   --- BOISE CASCADE CORPORATION
   --- GEORGIA-PACIFIC
   --- LOUISIANA-PACIFIC CORPORATION
   --- ROSEBURG FOREST PRODUCTS CO.
   --- WELDWOOD OF CANADA LIMITED, SUBSIDIARY OF INTERNATIONAL PAPER COMPANY
   --- WEYERHAEUSER COMPANY

SHEATHING DESIGN NOTES
1. WALL BRACING METHODS SHALL CONSIST OF THE FOLLOWING:
   1.1. U.N.O. CANTILEVERED WSP PER 2018 NCBC: RC TABLE R602.10.1: SHEATH WALLS W/ EXPOSURE 1, 7/16" -THICK APA RATED OSB (SPAN RATING 32/16) W/ 8D COMMON NAILS AT 6" O.C. EDGES, 12" O.C. FIELD, BLOCKING REQUIRED AT PANEL EDGES.
   1.2. ENGINEERED PORTAL FRAME DESIGN PER 2018 NCBC: RC SECTION R602.10.5: SEE PLAN FOR LOCATIONS.
2. U.N.O.: SHEATH ROOF WITH EXPOSURE 1, 7/16"-THICK APA RATED OSB (SPAN RATING 32/16) WITH 8D NAILS AT 6" O.C. EDGES, 12" O.C. FIELD, BLOCKING REQUIRED AT PANEL EDGES.
3. INSTALL "H" CLIPS AT PANEL EDGES BETWEEN EACH RAFTER FOR ALL ROOF SHEATHING.
4. NAIL ALL SHEATHING AT GABLE AND EAVE ROOF OVERHANGS WITH 8D NAILS AT 6" O.C. EDGES, 6" O.C. FIELD.
5. NAIL ALL SHEATHING AT PERIMETER AND PEAK OF ROOF WITH 8D NAILS AT 6" O.C. EDGES, 6" O.C. FIELD.
6. NAIL ALL SHEATHING WITHIN 4'-0" OF WALL CORNERS WITH 8D NAILS AT 6" O.C. EDGES, 6" O.C. FIELD.
7. SUBFLOORING SHALL BE IN ACCORDANCE WITH TABLE R503.1 WITHIN RESIDENTIAL BUILDING CODE OR ENGINEER APPROVED ALTERNATIVE.
8. MEMBERS AND BLOCKING AT ADJOINING PANEL EDGES SHALL BE MINIMUM 3" NOMINAL OR DOUBLE 2" NOMINAL WITH STAGGERED NAILING AT ALL PANEL EDGES.
9. HORIZONTAL BLOCKING MAY BE 2X LAID FLAT AGAINST SHEATHING.

METAL-PLATE-CONNECTED WOOD TRUSSES
1. THIS SECTION INCLUDES PRE-FABRICATED, PRE-ENGINEERED WOOD TRUSSES, GIRDER TRUSSES, AND TRUSS ACCESSORIES.
2. PERFORMANCE REQUIREMENTS: ENGINEER, FABRICATE, AND ERECT METAL-PLATED WOOD TRUSSES TO WITHSTAND DESIGN LOADS WITHIN LIMITS AND UNDER CONDITIONS REQUIRED.
3. DESIGN TRUSSES TO WITHSTAND DESIGN LOADS WITHOUT DEFLECTIONS GREATER THAN THE FOLLOWING:
   --- FLOOR TRUSSES: VERTICAL DEFLECTION OF 1/480 OF SPAN DUE TO TOTAL LOAD AND 1/600 OF SPAN DUE TO LIVE LOAD.
   --- FLOOR LIVE LOAD: 40 PSF
   --- MINIMUM DEAD LOAD TOP CHORD: 8 PSF
   --- MINIMUM DEAD LOAD BOTTOM CHORD: 7 PSF
4. SUBMITTALS:
   --- SHOP DRAWINGS DETAILING LOCATION, PITCH, SPAN, CAMBER, CONFIGURATION, AND SPACING FOR EACH TYPE OF TRUSS REQUIRED; SPECIES, SIZES, AND STRESS GRADES OF LUMBER TO BE USED; SPLICE DETAILS; TYPE, SIZE, MATERIAL, FINISH, DESIGN VALUES, AND ORIENTATION AND LOCATION OF METAL CONNECTOR PLATES; AND BEARING DETAILS.
   --- TO THE EXTENT OF TRUSS DESIGN CONSIDERATIONS ARE INDICATED AS FABRICATOR'S RESPONSIBILITY. INCLUDE STRUCTURAL ANALYSIS DATA SIGNED AND SEALED BY THE QUALIFIED PROFESSIONAL ENGINEER RESPONSIBLE FOR THE PREPARATION.
   --- INCLUDE TRUSS SHOP DRAWINGS SIGNED AND SEALED BY THE QUALIFIED PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR DESIGN.
5. QUALITY ASSURANCE:
   --- ANSI/ TPI 1, "NATIONAL DESIGN STANDARD FOR METAL-PLATE-CONNECTED WOOD TRUSS CONSTRUCTION".
   --- TPI HIB, "COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING, AND BRACING OF METAL-PLATE-CONNECTED WOOD TRUSSES".
   --- WOOD STRUCTURAL DESIGN STANDARD: COMPLY WITH APPLICABLE REQUIREMENTS OF ANSI/AF APA " NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" AND "ITS SUPPLEMENT".

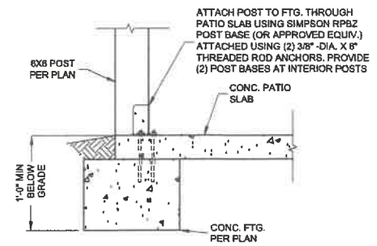
STRUCTURAL MASONRY:
1. LOAD BEARING MASONRY WALLS, PILASTERS, PIER, RETAINING WALLS, FOUNDATION WALLS AND ANY OTHER MASONRY SO DESIGNATED ON DRAWINGS IS CONSIDERED HERE TO BE STRUCTURAL MASONRY.
2. REQUIRED COMPRESSIVE STRENGTH OF MASONRY UNITS:
   a. CONCRETE UNITS - 1900 PSI ON NET AREA
3. CONCRETE MASONRY UNITS (CMU) SHALL BE NORMAL WEIGHT (125 PCF) CONFORMING TO ASTM C90. REFER TO ARCHITECTURAL DRAWINGS FOR UNIT SIZE, FACE, COLOR, JOINTING, ETC.
4. MORTAR - TYPE S, ASTM C270
5. GROUT FOR REINFORCED MASONRY - FINE GROUT, ASTM C476. MINIMUM 28 DAY COMPRESSIVE STRENGTH - 2000 PSI.
6. MINIMUM 28-DAY COMPRESSIVE STRENGTH (F'm) OF CMU MASONRY WALLS SHALL BE 1500 PSI. MASONRY STRENGTH SHALL BE DETERMINED BY THE UNIT STRENGTH METHOD OR THE PRISM TEST METHOD AS DESCRIBED BY ACI 530.
7. REINFORCING:
   a. ASTM A615 - GRADE 60
   b. ALL REINFORCING TO BE WELDED - ASTM A706
8. REFER TO THE DRAWINGS FOR REINFORCING LAP TYPICAL DETAIL AND SCHEDULE REQUIREMENTS, WHERE LAP SPLICES ARE NOT SHOWN, LAP PER ACI 530.
9. MAXIMUM HEIGHT TO WHICH MASONRY SHALL BE LAID BEFORE GROUTING IS 5-FEET ABOVE CONSTRUCTION SURFACE OR PREVIOUSLY GROUTED MASONRY. PROVIDE CLEANOUT OPENINGS AT THE BOTTOM OF EACH GROUT LIFT.
10. REINFORCE MASONRY WHERE SHOWN ON STRUCTURAL DRAWINGS. TIE REINFORCING IN POSITION AND PLACE GROUT AROUND REINFORCING. DO NOT PUSH REINFORCING DOWN INTO PREVIOUSLY PLACED GROUT FILL. SET BOLTS SIMILARLY.
11. TIE MASONRY WYTHES WITH HORIZONTAL REINFORCING AS SPECIFIED.
12. EMBEDDED ANCHORS INTO MASONRY (OR CONCRETE) ARE TO BE INSTALLED PER PLAN WITH SIMPSON "SET" EPOXY (OR EQUIV.). PROVIDE ADHESIVE SCREENS OR OTHER APPROVED ANCHORAGE FOR HOLLOW MASONRY. MECHANICAL WEDGE ANCHORS ARE NOT PERMITTED WITHIN MASONRY.
13. PROVIDE VERTICAL BARS, SIZE MATCHING WALL REINFORCING, AT ALL CORNERS, ENDS OF WALLS, EACH SIDE OF CONTROL JOINTS, AND EACH SIDE OF WALL OPENINGS.
14. PROVIDE MASONRY CONTROL JOINTS (PER ACI 530) SPACED UP TO 25'-0" O.C.
15. ALL CORNERS AND INTERSECTIONS OF STRUCTURAL MASONRY SHALL BE CONSTRUCTED BY INTERLOCKING COURSES.
16. ALL LINTELS TO BEAR 8" MINIMUM EACH SIDE OF OPENING, U.N.O.

EPOXY ADHESIVE ANCHORS
1. ALL EPOXY SHALL BE SIMPSON BRAND "SET" EPOXY SYSTEM, OR APPROVED EQUAL, UNLESS NOTED OTHERWISE.
2. EPOXY ADHESIVES TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS.
3. ALL EPOXY ANCHOR BOLTS TO BE SIZED AS SHOWN IN NOTES/DETAILS AND SHALL CONFORM TO THE FOLLOWING:
   --- ANCHOR BOLTS INTO FOUNDATION: ASTM F1554, GRADE 36
   --- ALL OTHER APPLICATIONS: ASTM 307, U.N.O.
4. ALL EPOXY ANCHOR BOLTS AND REBAR DOWELS SHOULD BE CLEAN AND OIL FREE.
5. CONCRETE DUST SHALL BE REMOVED FROM ALL DRILLED HOLES BY USE OF A NYLON BRUSH AND OIL FREE COMPRESSED AIR. CORRECT PROCEDURE INVOLVES BLOWING THE DUST OUT OF THE HOLE, BRUSHING THE HOLE CLEAN, AND THEN BLOWING AGAIN.
6. DRILLED HOLES SHALL BE KEPT DRY AND ANY STANDING WATER MUST BE BLOWN OUT WITH OIL FREE COMPRESSED AIR AND ALLOWED TO DRY PRIOR TO EPOXY INSTALLATION.
7. EPOXY SHALL NOT BE INSTALLED IN CONCRETE WHICH IS LESS THAN 7 DAYS OLD.
8. EPOXY ADHESIVES MUST BE ALLOWED THE FULL CURE TIME AS SPECIFIED BY THE MANUFACTURER PRIOR TO APPLICATION OF ANY LOAD AND ANCHOR BOLTS OR REBAR DOWELS MUST REMAIN UNDISTURBED DURING THIS SETTING PERIOD.
9. EPOXY ADHESIVE ANCHORS ARE NOT TO BE USED EXCEPT WHERE SPECIFICALLY INDICATED ON PLANS.

STRUCTURAL STEEL:
1. FABRICATE AND ERECT ALL STRUCTURAL STEEL IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL OF BUILDINGS," WHERE THE MATERIAL USED CONSISTS OF PLATES, SHAPES OR BARS.
2. STRUCTURAL STEEL SHALL BE PAINTED IN ACCORDANCE WITH THE ARCHITECTURAL SPECIFICATIONS.
3. THE STEEL USED SHALL HAVE THE FOLLOWING MINIMUM YIELD STRESS:
   50 KSI STRUCTURAL STEEL WIDE FLANGE (A992)
   42 KSI STRUCTURAL ROUND HSS COLUMNS (A500 GR. B)
   36 KSI MISCELLANEOUS SHAPES, BARS, PLATES AND CHANNELS (A36)
4. USE A307 ANCHOR BOLTS FOR ALL ANCHOR BOLTS U.N.O.
5. USE E-70 ELECTRODES FOR ALL SHOP AND FIELD WELDING.

TYPICAL ABBREVIATIONS

&	= AND	FTG.	= FOOTING
@	= AT	GA.	= GAUGE
±	= PLUS OR MINUS	HT.	= HEIGHT
A/E	= ARCHITECT/ENGINEER	MAX.	= MAXIMUM
A.F.F.	= ABOVE FINISHED FLOOR	MECH.	= MECHANICAL
ARCH.	= ARCHITECTURAL	MFR.	= MANUFACTURER
B.O.	= BY OTHERS	MIN.	= MINIMUM
CANT.	= CANTILEVER	N.T.S.	= NOT TO SCALE
C.J.	= CEILING JOIST	O.C.	= ON CENTER
C.L.	= CENTER LINE	P.B.	= PERIMETER BAND
C.M.U.	= CONCRETE MASONRY UNIT	PL.	= PLATE
CONC.	= CONCRETE	REQ.	= REQUIRED
CONT.	= CONTINUOUS	R.O.	= ROUGH OPENING
DEFL.	= DEFLECTION	SIM.	= SIMILAR
Ø, DIA.	= DIAMETER	STL.	= STEEL
DWG.	= DRAWING	SW	= SHEAR WALL
ELEV.	= ELEVATION	STR.	= STRUCTURAL
ENGR.	= ENGINEER	TEMP.	= TEMPORARY
E.O.S.	= EDGE OF SLAB	T.O.B.	= TOP OF BEAM
EQ.	= EQUAL	TYP.	= TYPICAL
EW	= EACH WAY	U.N.O.	= UNLESS NOTED OTHERWISE
EX.	= EXISTING	VERT.	= VERTICAL
FDN.	= FOUNDATION	VIF	= VERIFY IN FIELD
FLR.	= FLOOR	W/	= WITH
F.J.	= FLOOR JOISTS		



1 S1.0 TYP. PORCH POST AT FTG.
SCALE: N.T.S.

SHEET INDEX

GILES+FLYTHE ENGINEERS
7334 CHAPEL HILL ROAD, SUITE 200
RALEIGH, NC 27607 (919) 469-3801
NC LICENSE NO. C-2871

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 054655 ENGINEER SEAN M. MCDONALD
Digitally signed by Sean M McDonald
Date: 2025.01.15 15:16:38 -05'0

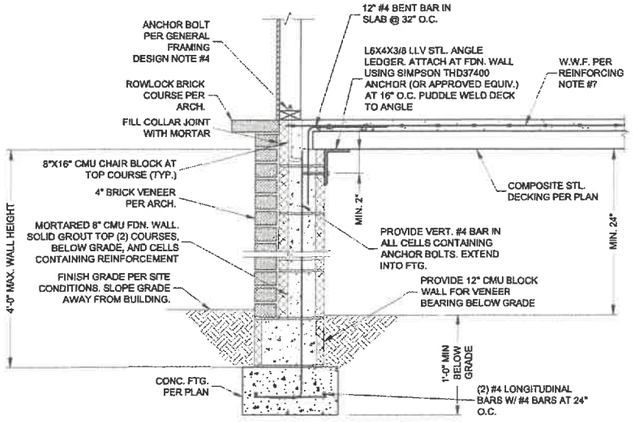
WHITETREE RESIDENCE
BUTLER HOMES, LLC
HARNETT COUNTY, NC

REVISIONS

NO.	DATE	DESCRIPTION
0	11/01/2024	FOR CONSTRUCTI
1	01/16/2025	REVISION 1-GARAGE DR

SCALE: AS SHOW
REVIEWED BY: CJ
DRAWN BY: SM
DATE: JANUARY 15, 20

S1.0



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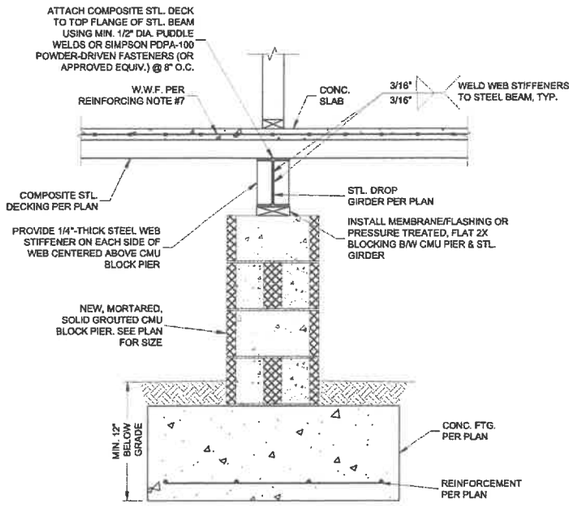

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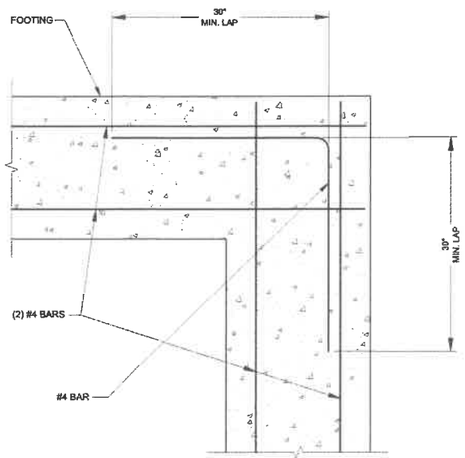

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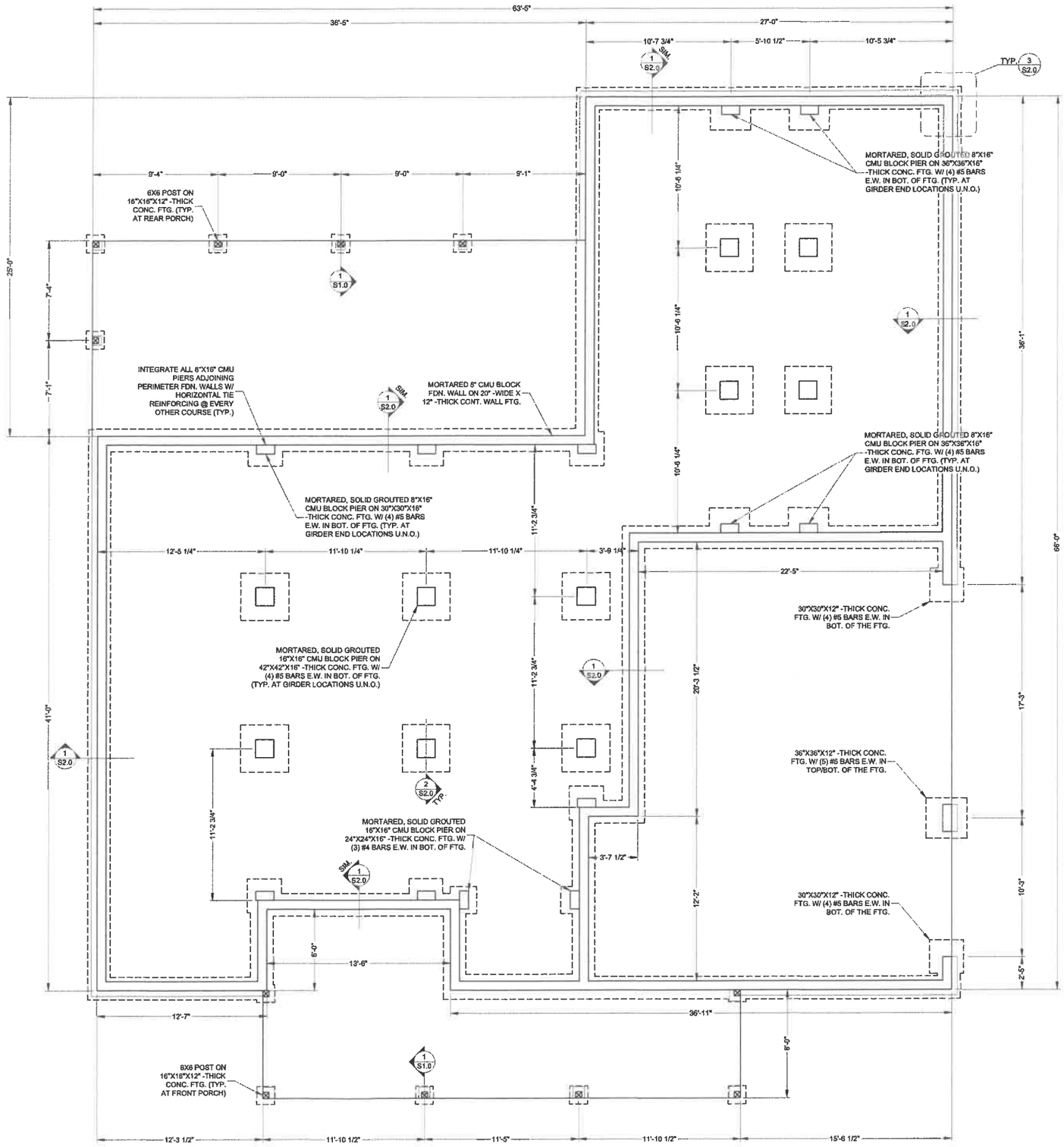


FOUNDATION PLAN

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

GILES+FLYTHE ENGINEERS
7334 CHAPEL HILL ROAD, SUITE 200
RALEIGH, NC 27607 (919) 465-3801
NC LICENSE NO. C-2871

G|F

NORTH CAROLINA PROFESSIONAL SEAL 054655 ENGINEER SEAN M. MCDONALD

Digitally signed by Sean M McDonald
Date: 2025.01.15 15:17:04 -05'0

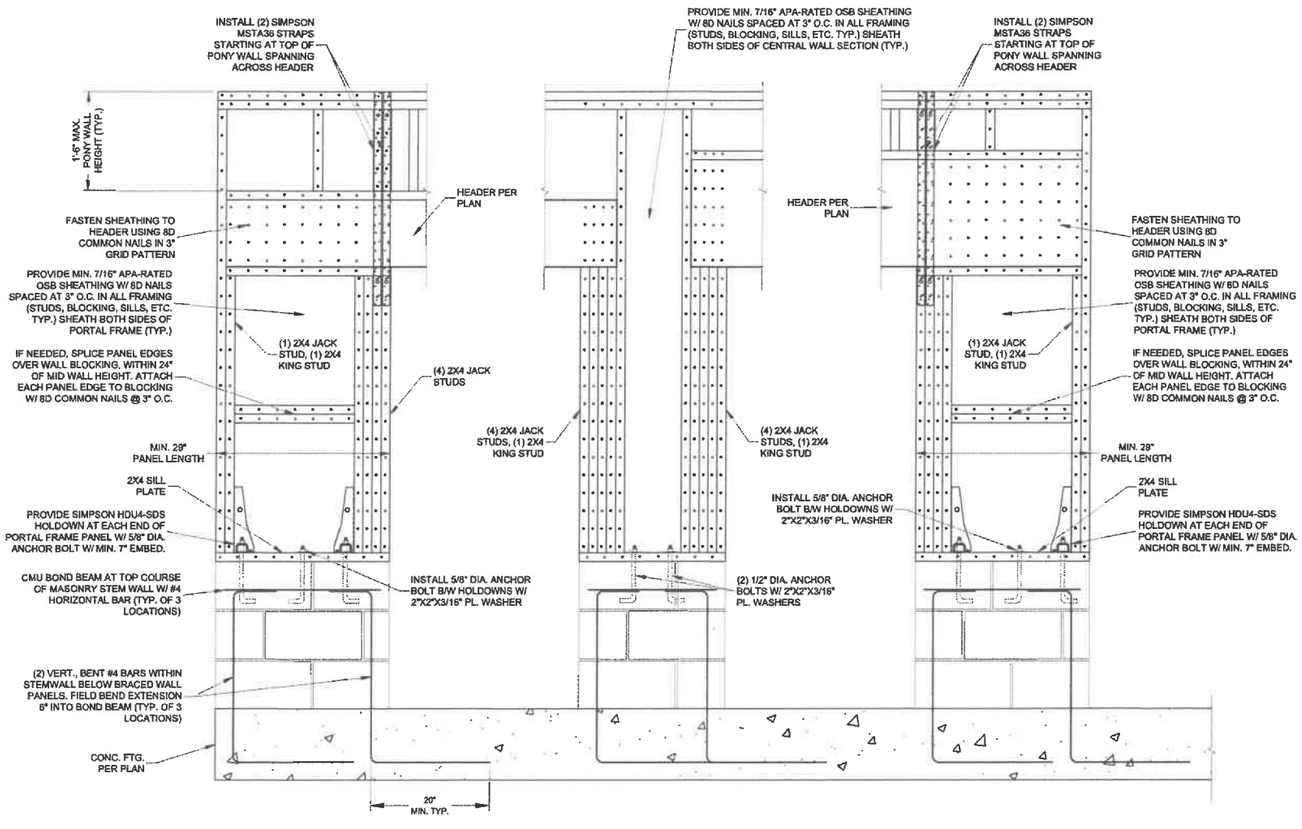
WHITETREE RESIDENCE
BUTLER HOMES, LLC
HARNETT COUNTY, NC

REVISIONS

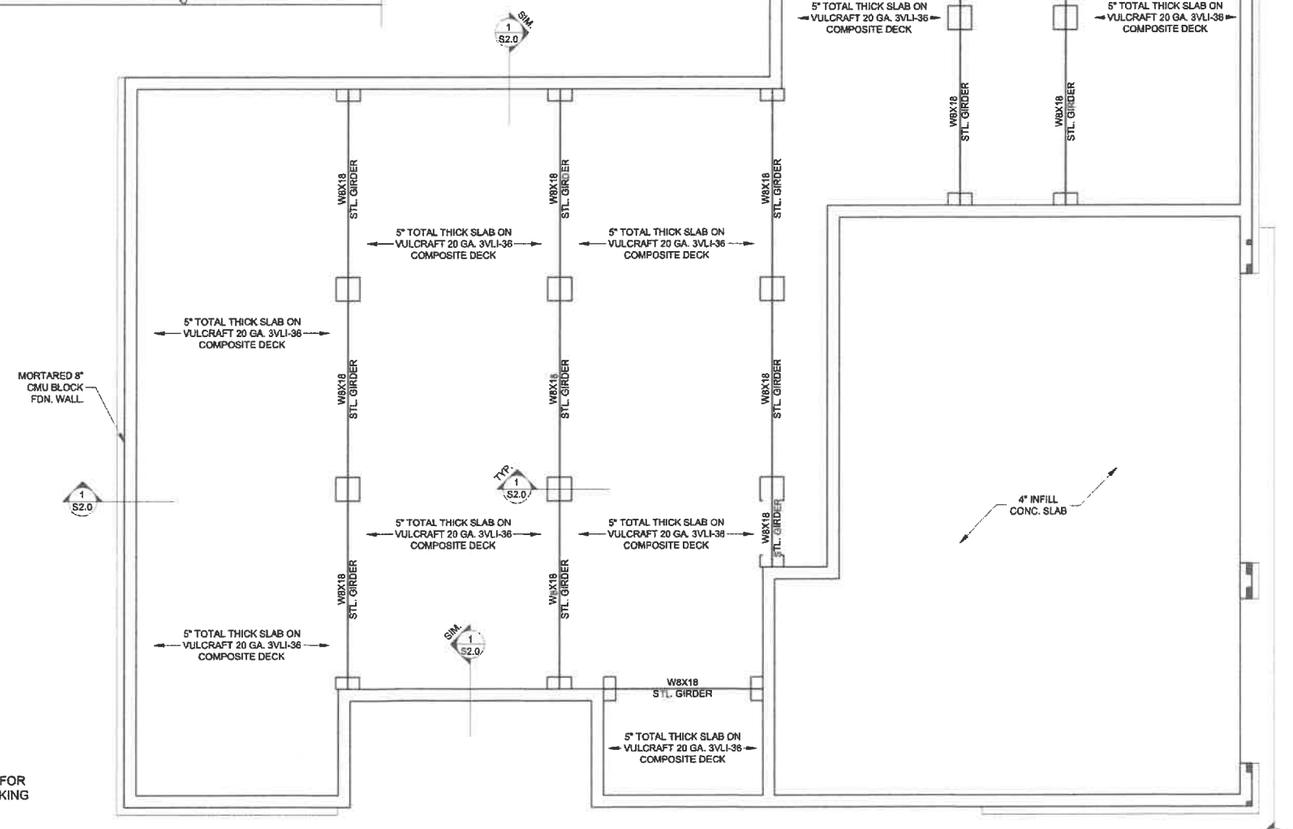
NO.	DATE	DESCRIPTION
0	11/01/2024	FOR CONSTRUCT
1	01/16/2025	REVISION 1-GARAGE DR

SCALE: AS SHOV
REVIEWED BY: C.
DRAWN BY: SI
DATE: JANUARY 15, 20

S2.0



1 S3.0 GARAGE PORTAL FRAME
SCALE: N.T.S.



MAIN LEVEL FLOOR FRAMING/SLAB PLAN
SCALE: 1/4" = 1'-0"

SHEET NOTE: FOLLOW MANUF. STANDARDS AND SPECIFICATIONS FOR INSTALLATION OF COMPOSITE DECKING

GILES◆FLYTHE ENGINEERS
7334 CHAPEL HILL ROAD, SUITE 200
RALEIGH, NC 27607 (919) 465-3801
NC LICENSE NO. C-2671

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NORTH CAROLINA PROFESSIONAL SEAL 054655 ENGINEER SEAN M MCDONALD

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Date: 2025.01.15 15:17:28 -05'0

WHITETREE RESIDENCE
BUTLER HOMES, LLC
HARNETT COUNTY, NC

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0	11/01/2024	FOR CONSTRUCT
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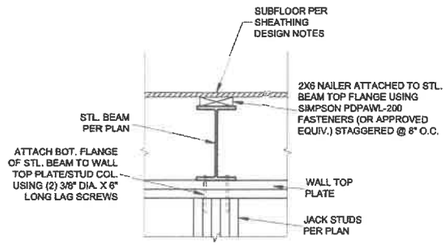
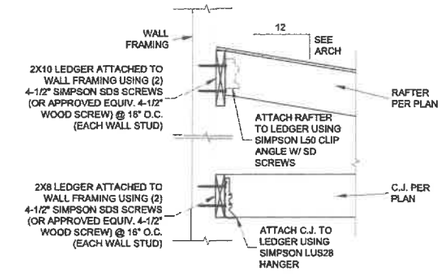
SCALE: AS SHOW
REVIEWED BY: C.
DRAWN BY: SA
DATE: JANUARY 16, 20

S3.0



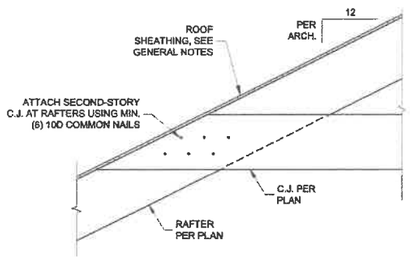
1 S4.0 STL. FLUSH BEAM BEARING

SCALE: N.T.S.



2 S4.0 PORCH LEDGER ATTACHMENT

SCALE: N.T.S.



3 S4.0 RAISED C.J. ATTACHMENT

SCALE: N.T.S.

KEY NOTES:

[A] PROVIDE (3) 2X4 JACK STUDS IN WALL AT DROP BEAM BEARING LOCATION AND ATTACH USING SIMPSON HUCQ412-SDS HANGER.

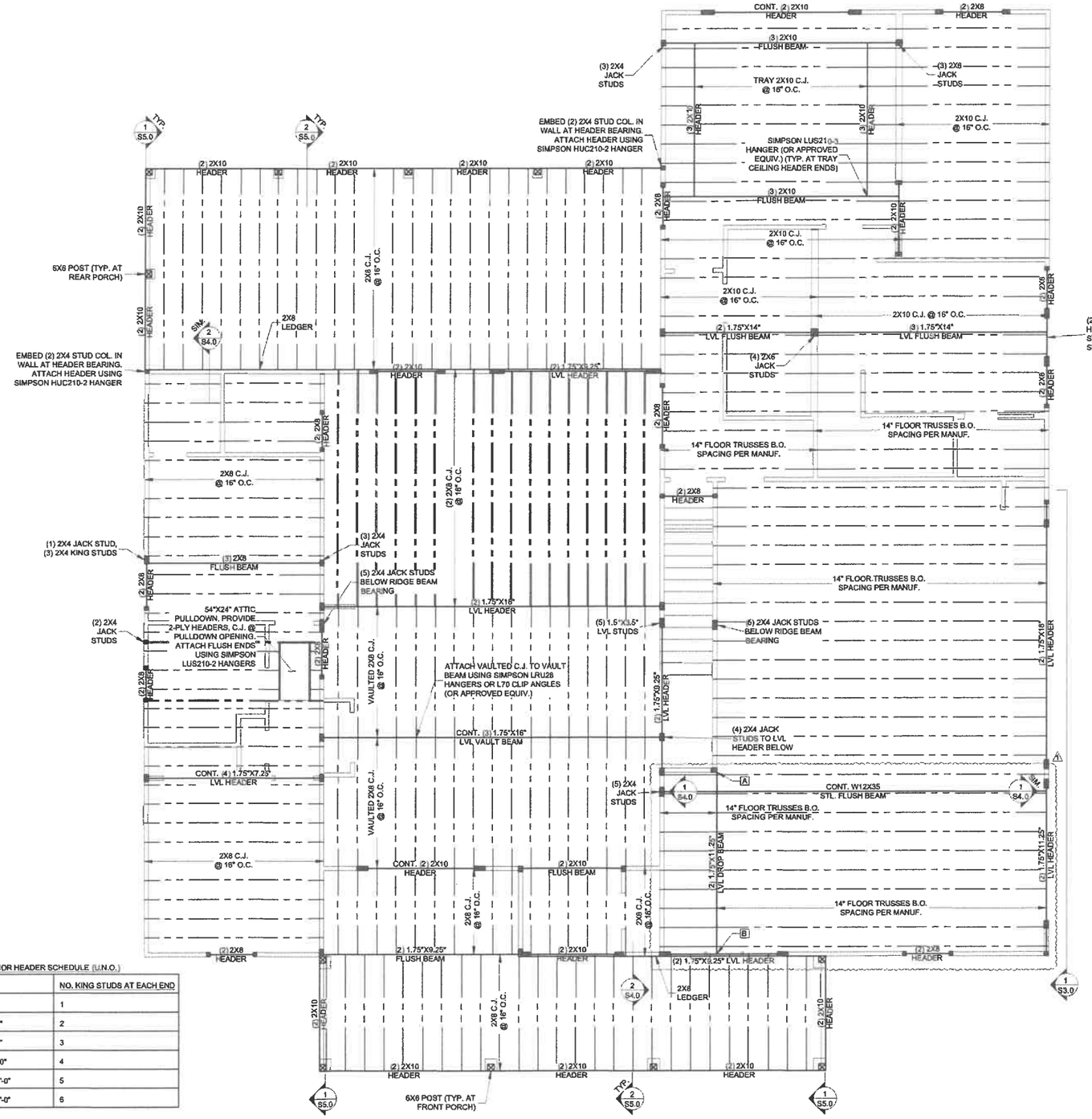
[B] PROVIDE 4X6 BLOCKING IN WALL ABOVE HEADER FOR DROP BEAM ATTACHMENT. ATTACH DROP BEAM USING SIMPSON HUCQ412-SDS HANGER.

KING STUD/EXTERIOR HEADER SCHEDULE (U.N.O.)

HEADER SPAN	NO. KING STUDS AT EACH END
SPAN <= 3'-0"	1
3'-0" < SPAN <= 5'-0"	2
5'-0" < SPAN <= 8'-0"	3
8'-0" < SPAN <= 11'-0"	4
11'-0" < SPAN <= 13'-0"	5
13'-0" < SPAN <= 16'-0"	6

JACK STUD/HEADER SCHEDULE (U.N.O.)

BEAM TYPE	NO. JACK STUDS AT EACH END
OPENING <= 3'-0"	1
OPENING <= 6'-0"	2
OPENING > 6'-0"	3
LVL BEAMS	4



MAIN LEVEL CEILING FRAMING PLAN

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

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NORTH CAROLINA PROFESSIONAL SEAL 054655 ENGINEER SEAN M. MCDONALD

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Date: 2025.01.15 15:19:17 -05'0

WHITETREE RESIDENCE
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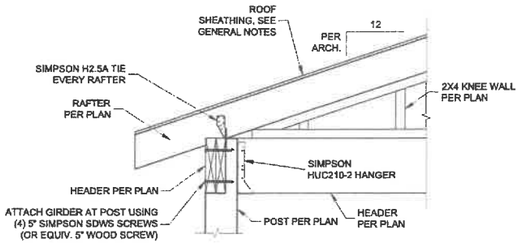
REVISIONS

NO.	DATE	DESCRIPTION
0	11/01/2024	FOR CONSTRUCTI
1	01/15/2025	REVISION 1-GARAGE DR

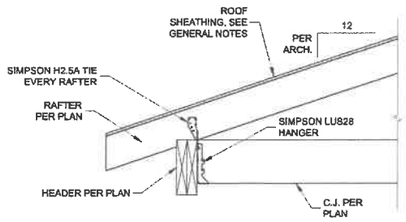
SCALE: AS SHOWN
REVIEWED BY: C/
DRAWN BY: SM
DATE: JANUARY 15, 20

S4.0



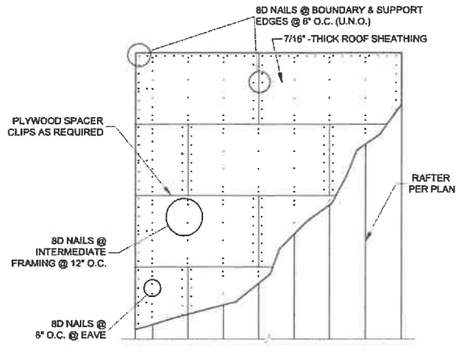
1 S5.0 **CORNER HEADER BEARING AT PORCH AREAS**

SCALE: N.T.S.



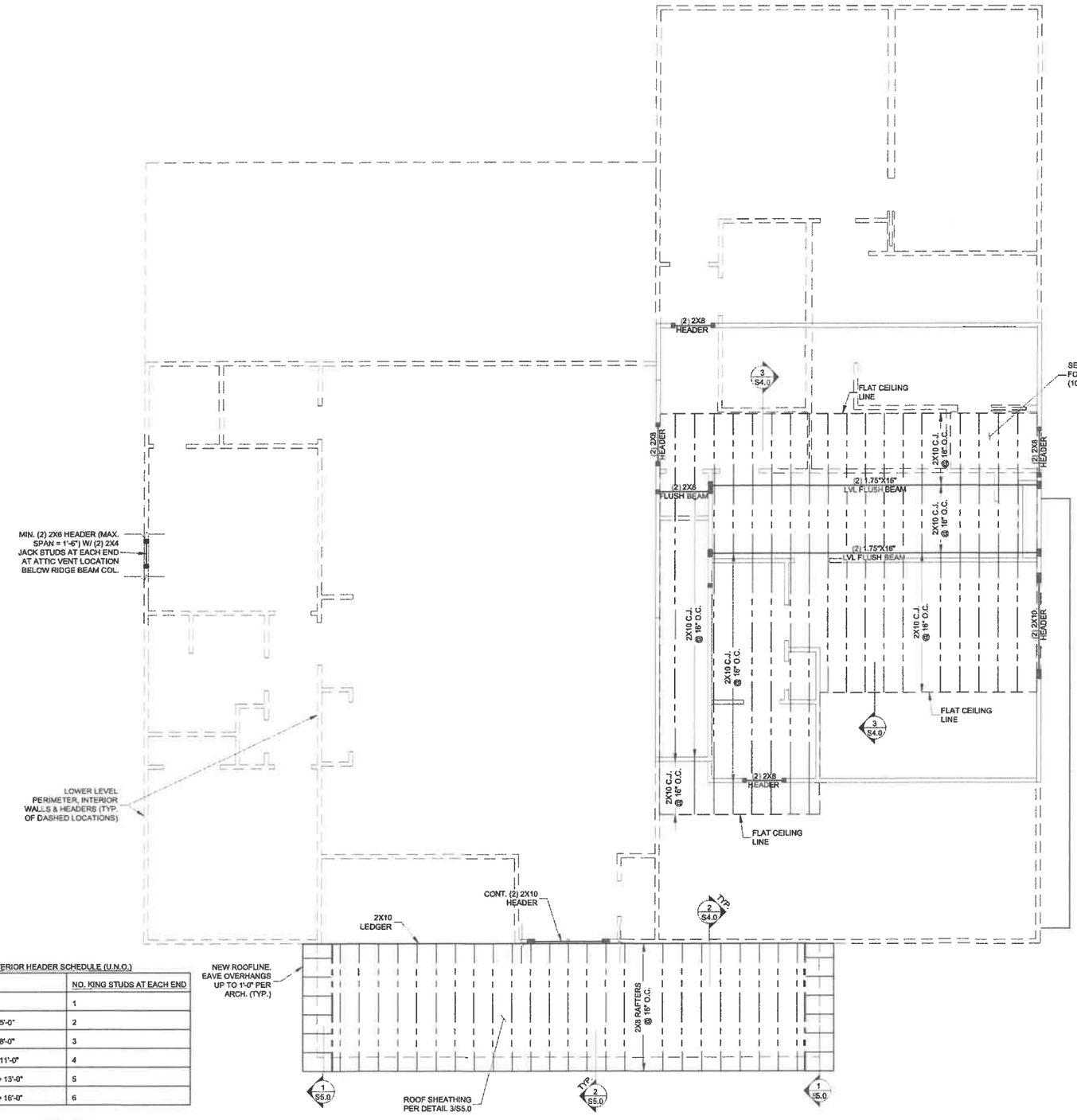
2 S5.0 **TYP. RAFTER BEARING AT PORCH AREAS**

SCALE: N.T.S.



3 S5.0 **TYP. ROOF SHEATHING**

SCALE: N.T.S.



UPPER LEVEL CEILING FRAMING PLAN

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

KING STUD/EXTERIOR HEADER SCHEDULE (U.N.O.)

HEADER SPAN	NO. KING STUDS AT EACH END
SPAN <= 3'-0"	1
3'-0" < SPAN <= 5'-0"	2
5'-0" < SPAN <= 8'-0"	3
8'-0" < SPAN <= 11'-0"	4
11'-0" < SPAN <= 13'-0"	5
13'-0" < SPAN <= 16'-0"	6

JACK STUD/HEADER SCHEDULE (U.N.O.)

BEAM TYPE	NO. JACK STUDS AT EACH END
OPENING <= 3'-0"	1
OPENING <= 6'-0"	2
OPENING > 6'-0"	3
LVL BEAMS	4

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NORTH CAROLINA PROFESSIONAL SEAL 054655 ENGINEER SEAN M. MCDONALD

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HARNETT COUNTY, NC

REVISIONS

NO.	DATE	DESCRIPTION
0	11/01/2024	FOR CONSTRUCTI
1	01/16/2025	REVISION 1-GARAGE DR

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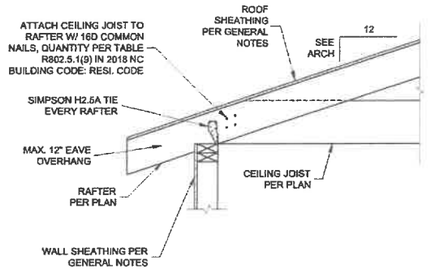
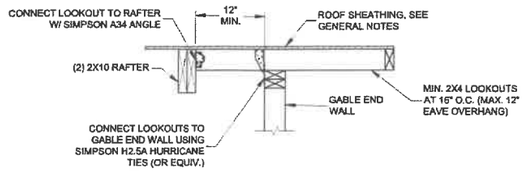
DRAWN BY: SM
DATE: JANUARY 16, 20

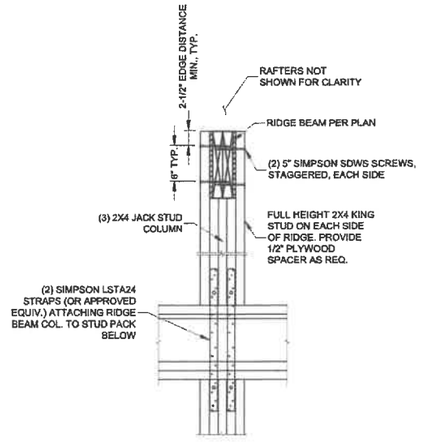
S5.0



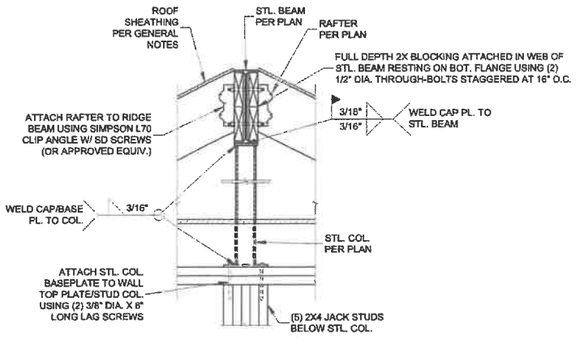
1 S6.0 **TYP. RAFTER BEARING**
SCALE: N.T.S.



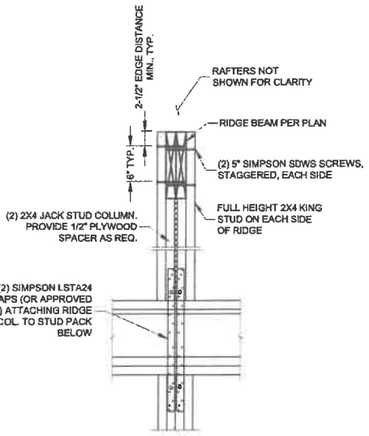
2 S6.0 **TYP. LOOKOUT FRAMING**
SCALE: N.T.S.



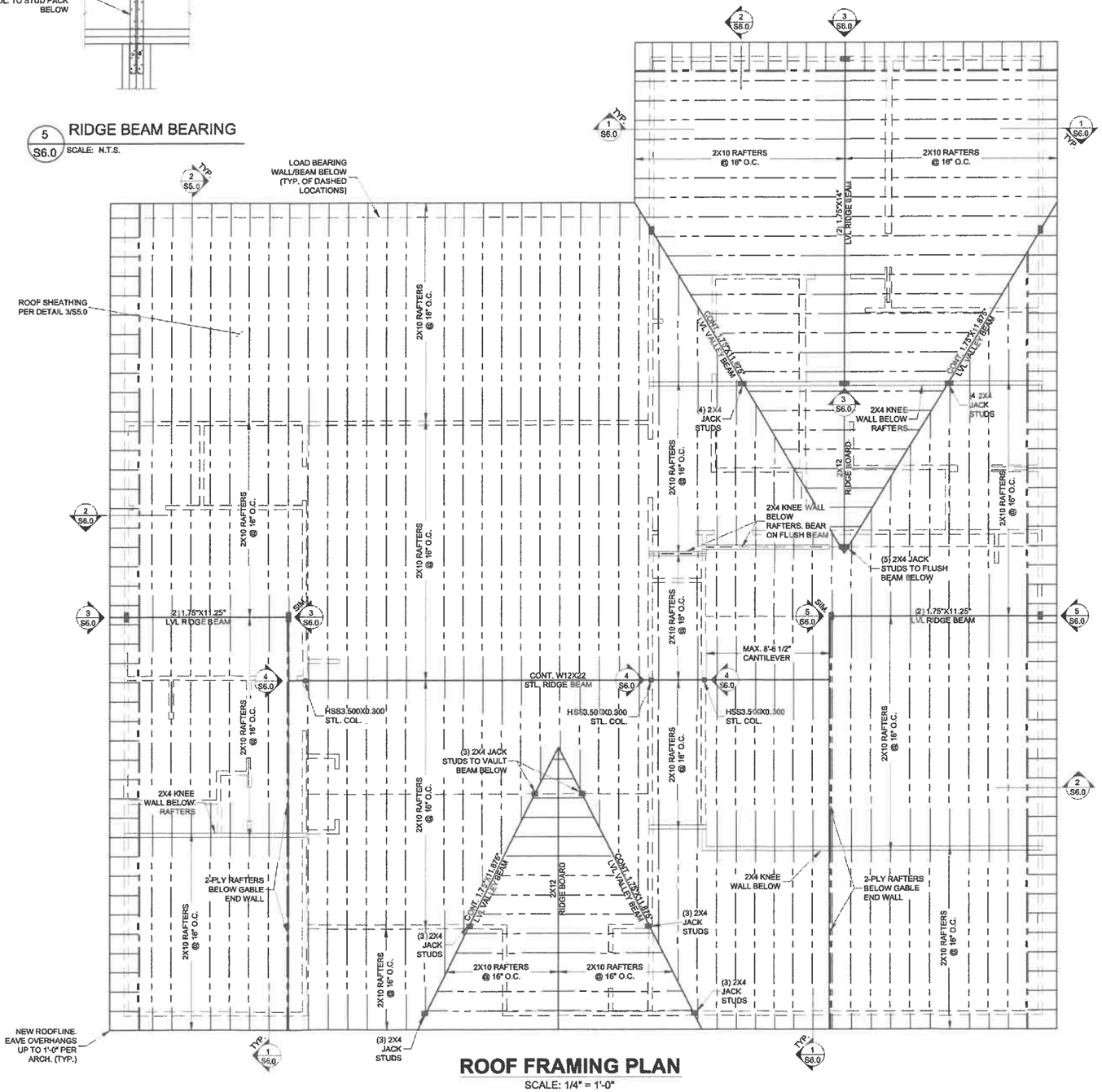
3 S6.0 **RIDGE BEAM BEARING**
SCALE: N.T.S.



4 S6.0 **STL. RIDGE BEAM BEARING**
SCALE: N.T.S.



5 S6.0 **RIDGE BEAM BEARING**
SCALE: N.T.S.



ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"

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Date: 2025.01.16 15:22:26 -05'

WHITETREE RESIDENCE
BUTLER HOMES, LLC
HARNETT COUNTY, NC

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SCALE:	AS SHOV
REVIEWED BY:	C
DRAWN BY:	SA
DATE:	JANUARY 16, 20

S6.0