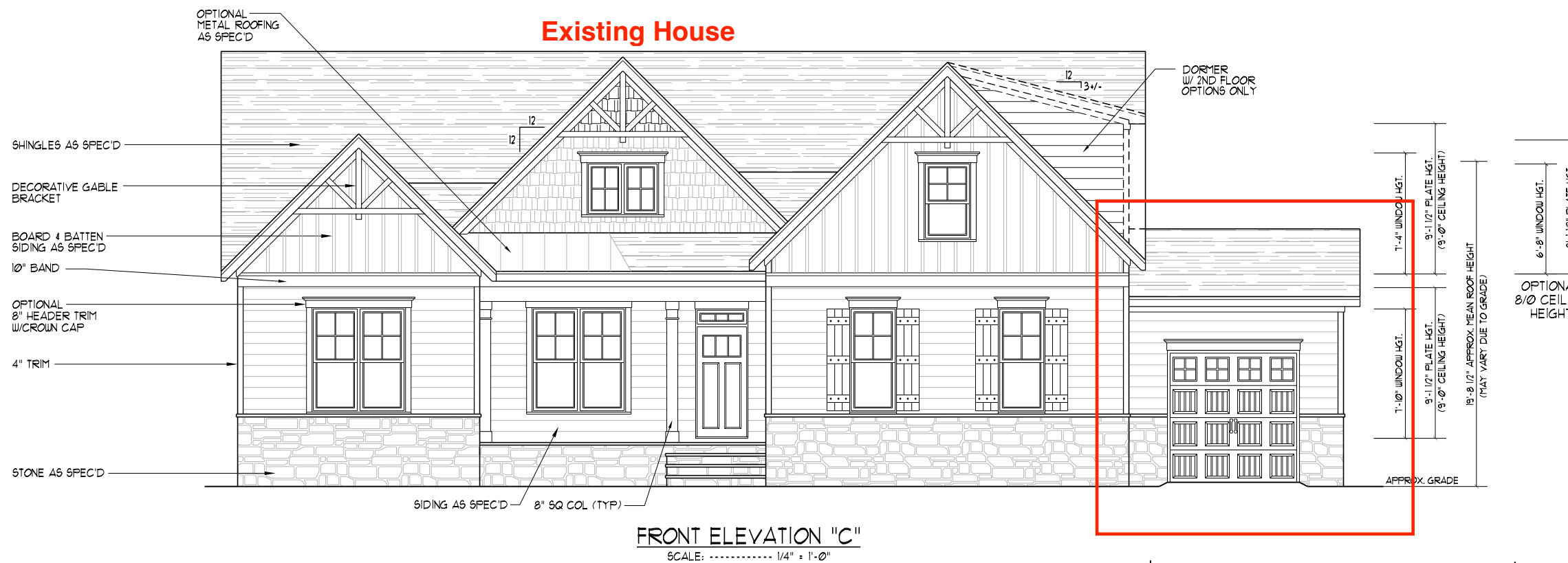


**Cotton Farms 34  
288 Deer Tail lane  
Fuquay Varina, NC**

**3rd car garage addition**



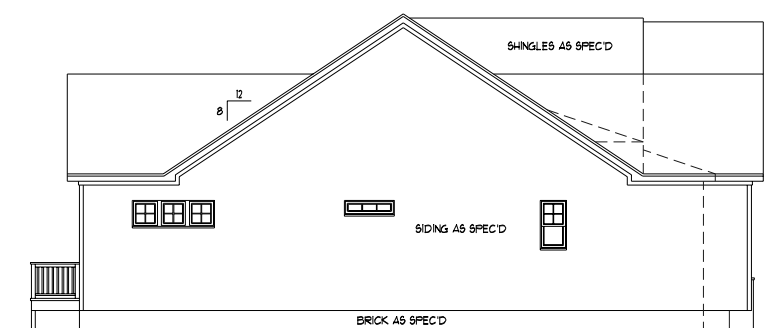
**FRONT ELEVATION "C"**  
SCALE: ..... 1/4" = 1'-0"

THIS PLAN CONFORMS TO THE 2018 EDITION OF THE I.R.C. / NORTH CAROLINA RESIDENTIAL CODE.

TABLE 402.1 ENERGY CONSERVATION CODE INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT

CLIMATE ZONE	FENS. U-FAC	SKY-LIGHT U-FAC	GLAZED FENS. SHGC	MINIMUM INSULATION R-VALUE						
				CEILING	WOOD WALL	MASON WALL	FLOOR	BSMT WALL	SLAB DEPTH	CRAWL SPACE
3	0.35	0.55	0.30	38 or 30 cont.	15 or 13.25	5/13 or 5/10 cont.	19	5/13	0	5/13
4	0.35	0.55	0.30	38 or 30 cont.	15 or 13.25	5/13 or 5/10 cont.	19	10/13	10	10/13
5	0.35	0.55	NR	38 or 30 cont.	19, 13.5 or 15.3	13/11 or 13/12.5 cont.	30	10/13	10	10/13

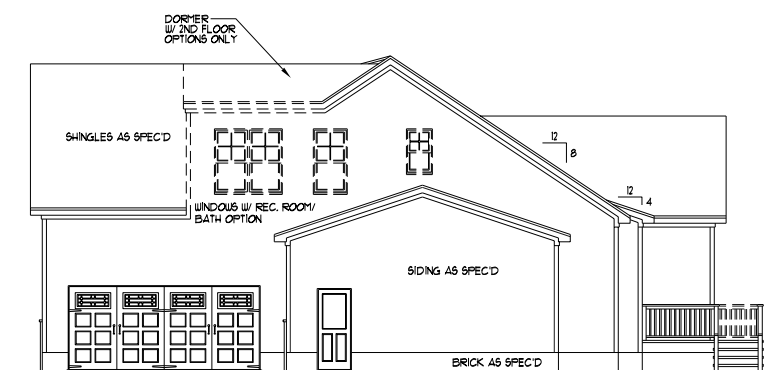
SEE TABLE 301 CLIMATE ZONES BY COUNTY ENERGY CONSERVATION CODE  
SEE FOOTNOTES OF TABLE N102 FOR FOOTNOTES AND DETAILED EXPLANATIONS.



**LEFT SIDE ELEVATION**  
SCALE: ..... 1/16" = 1'-0"



**REAR ELEVATION**  
SCALE: ..... 1/16" = 1'-0"



**RIGHT SIDE ELEVATION**  
SCALE: ..... 1/16" = 1'-0"

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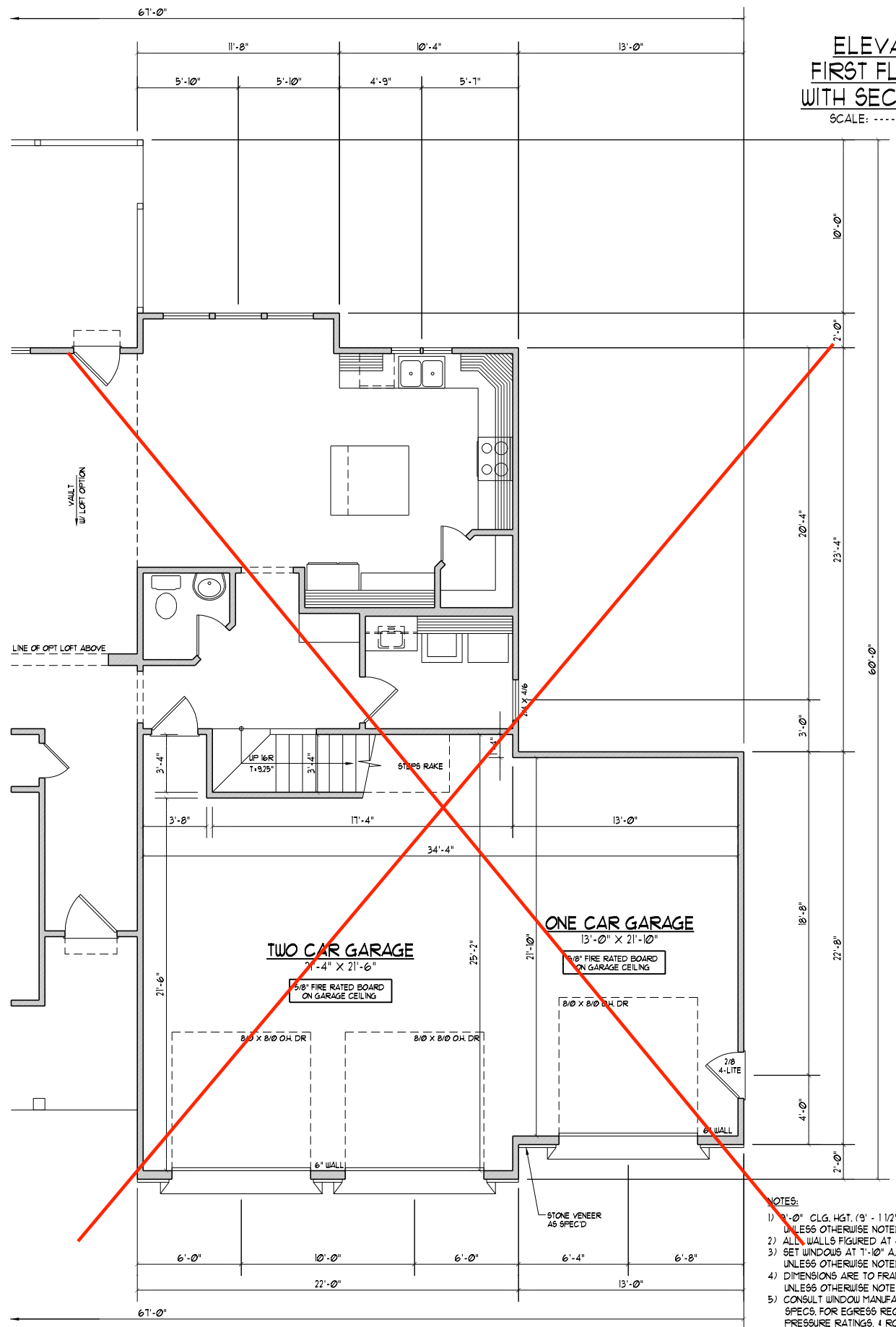
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KEN HARVEY  
PROJECT FOR: HOMES  
LOCATION: MULTI  
LOT: MULTI  
SUBDIVISION: MULTI  
COUNTY: MULTI

**RILEY**  
PLAN NAME  
**A-1977-54GR**  
PLAN I.D.  
**8.28.23**  
DATE

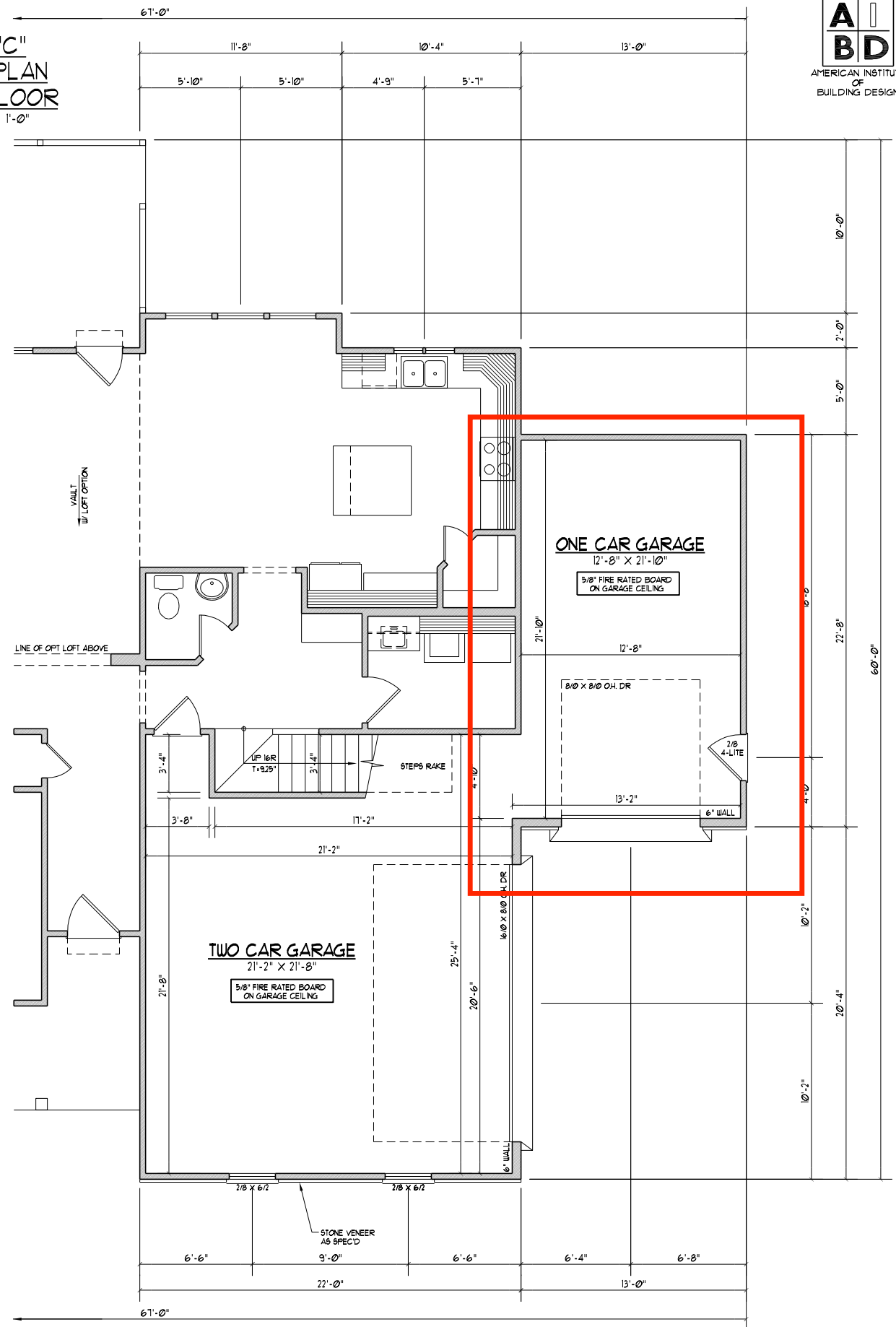
**A-1C**  
SHEET

ELEVATION "C"  
 FIRST FLOOR PLAN WITH SECOND FLOOR  
 SCALE: 1/4" = 1'-0"

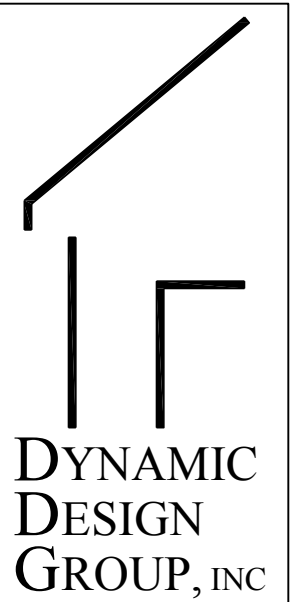


**FRONT LOAD**  
 w/ OPT. 3rd GARAGE BAY  
 822 SQ. FT. GARAGE

- NOTES:
- 1) 7'-0" CLG. HGT. (9' - 1 1/2" FLT. HGT.) UNLESS OTHERWISE NOTED.
  - 2) ALL WALLS FIGURED AT 4" WIDTHS
  - 3) SET WINDOWS AT 7'-10" A.S.F. UNLESS OTHERWISE NOTED.
  - 4) DIMENSIONS ARE TO FRAMING UNLESS OTHERWISE NOTED.
  - 5) CONSULT WINDOW MANUFACTURER'S SPECS. FOR EGRESS REQUIREMENTS, PRESSURE RATINGS & ROUGH OPNG'S.
  - 6) ELECTRICAL BY BUILDER



**SIDE LOAD**  
 w/ OPT. 3rd GARAGE BAY  
 855 SQ. FT. GARAGE



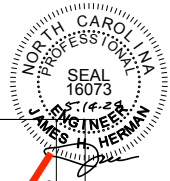
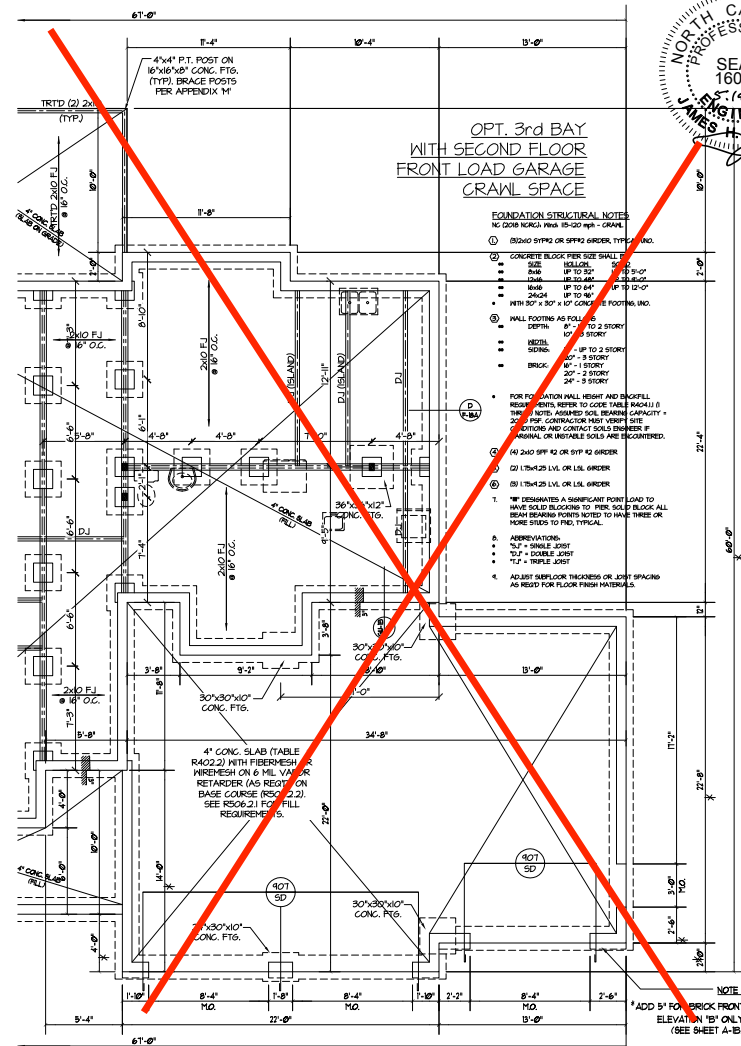
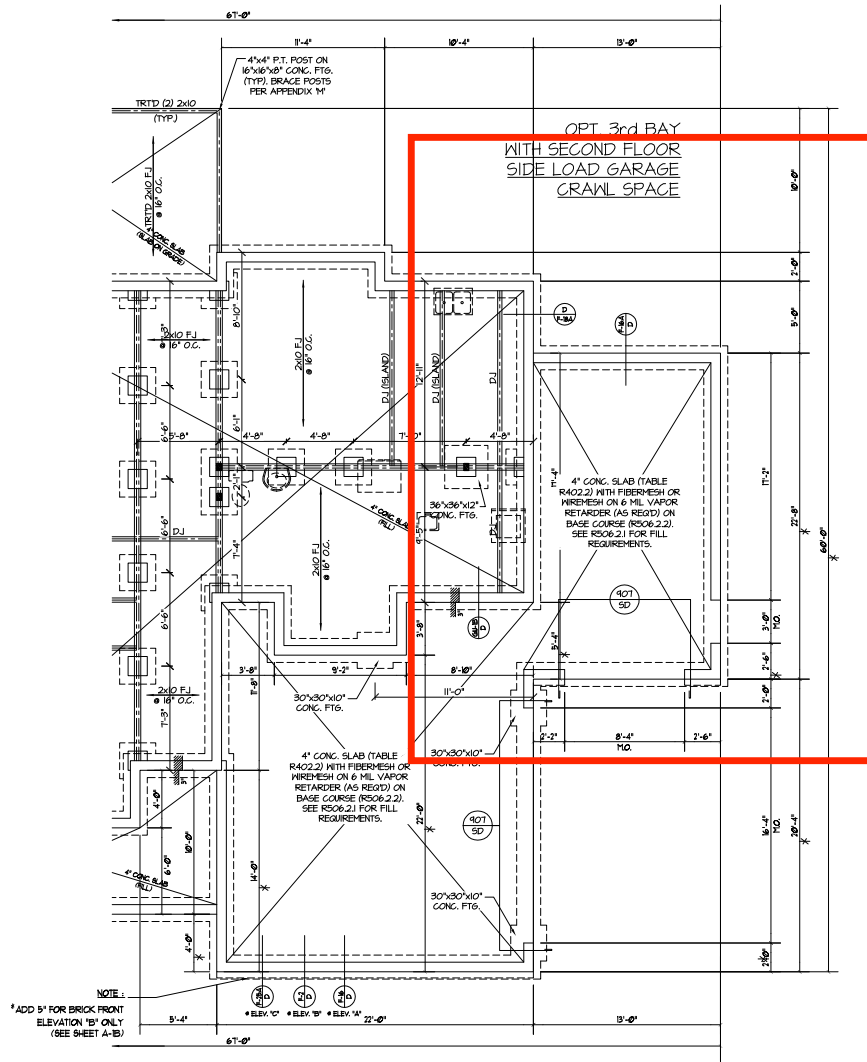
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KEN HARVEY  
 PROJECT FOR: HOMES  
 LOCATION: MULTI  
 LOT: MULTI  
 SUBDIVISION: MULTI  
 COUNTY: MULTI

**RILEY**  
 PLAN NAME  
 A-1977-54GR 8.28.23  
 PLAN I.D. DATE

**A-2C**  
 SHEET



FOUNDATION STRUCTURAL PLAN

SCALE: 1/8"=1'-0"  
REFER TO "SD" SHEET(S) FOR STANDARD DETAILS AND STRUCTURAL NOTES

PROJECT #  
21-2821-GR

Engineers seal applies only to structural components on this drawing. Seal does not include construction means, methods, techniques, sequences, procedures or safety precautions. It is the responsibility of the contractor to verify the accuracy of the information on this drawing. Failure to do so will constitute a violation of the North Carolina Professional Engineer's Act. Use of these plans constitutes approval of terms & conditions as defined in the customer agreement.

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Gauge Right  
KEN HARVEY HOMES

S-1.2

PROJECT #  
21-2821-GR



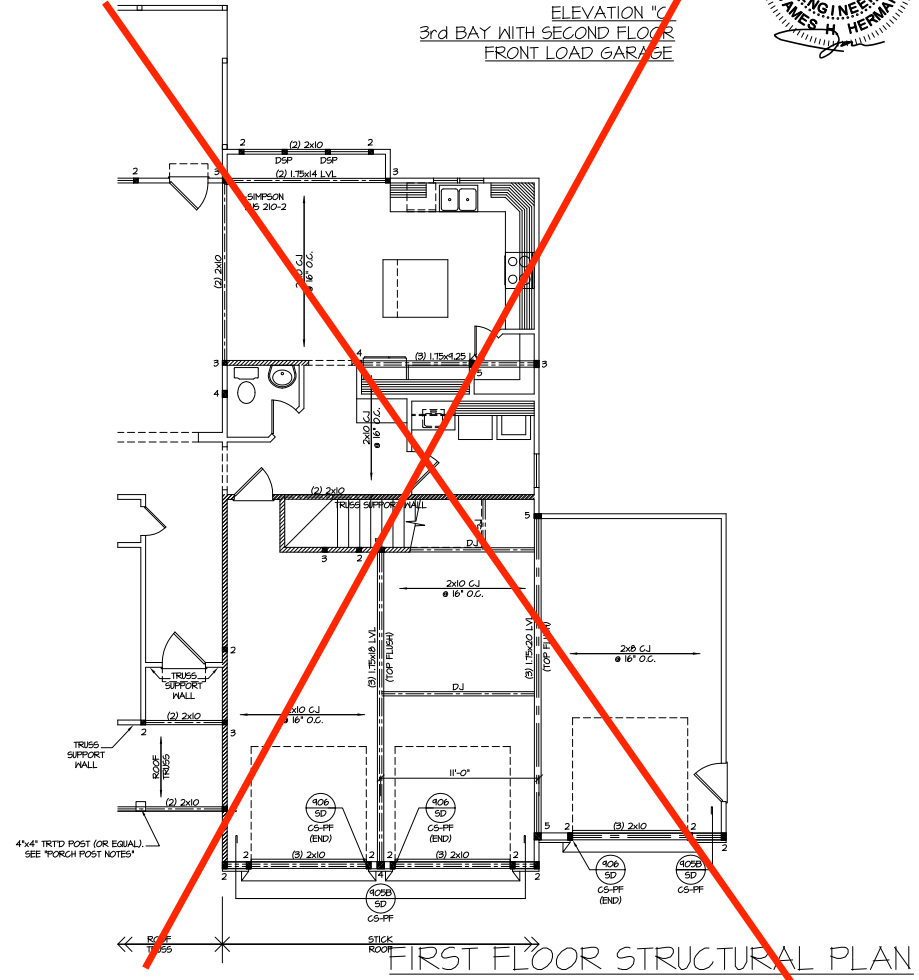
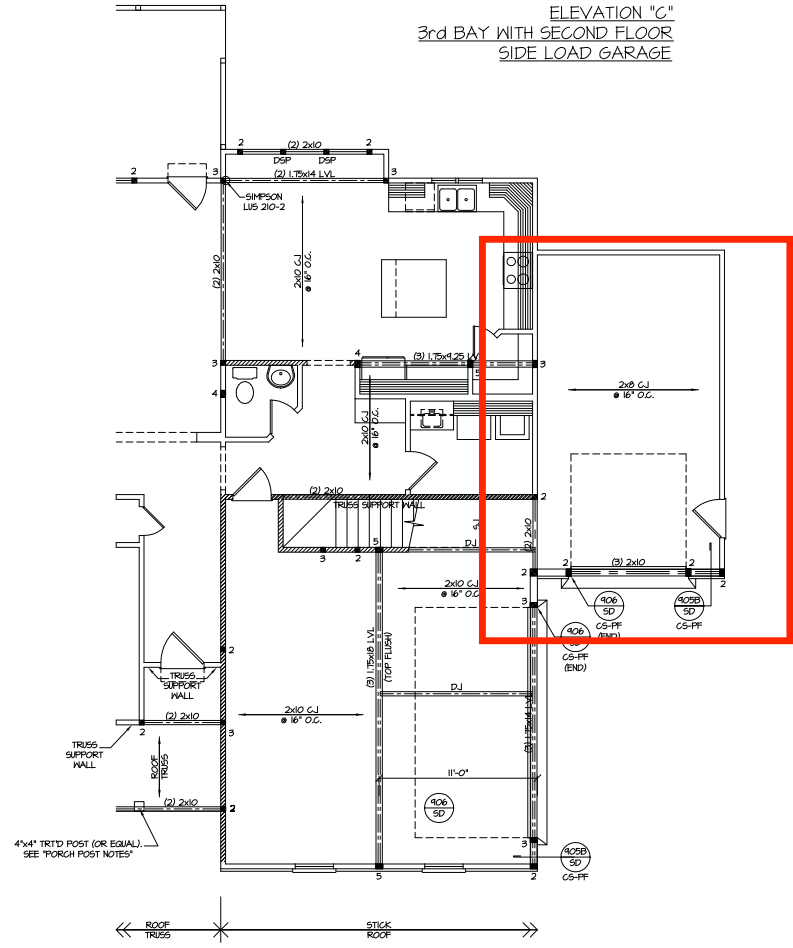
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GROUP**

**Riley**  
Gauge Right  
KEN HARVEY HOMES

S-2.2c

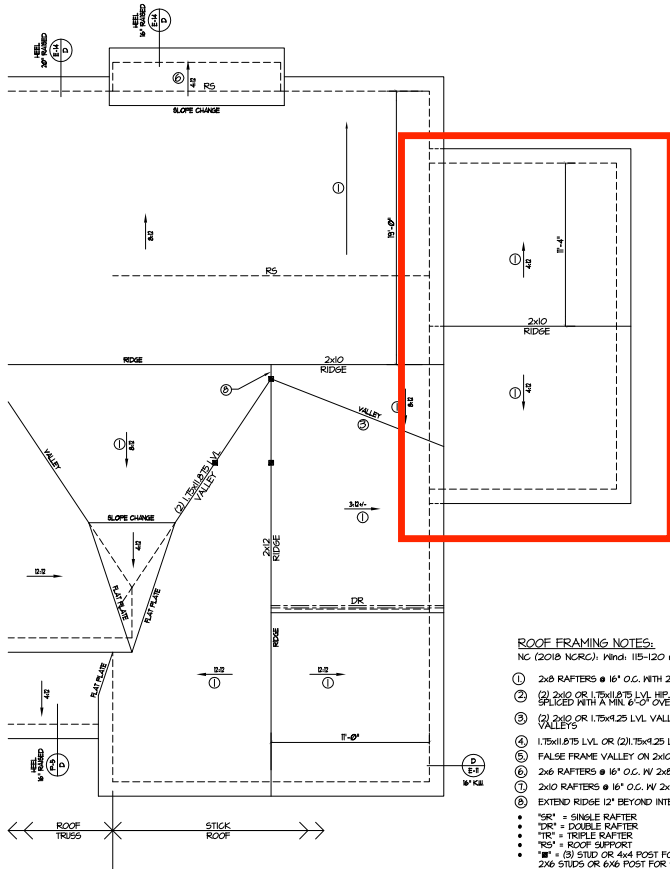


FIRST FLOOR STRUCTURAL PLAN

SCALE: 1/8"=1'-0"

REFER TO "SD" SHEET(S) FOR STANDARD DETAILS AND STRUCTURAL NOTES

ELEVATION "C"  
OPT. 3rd BAY WITH SECOND FLOOR  
SIDE LOAD GARAGE

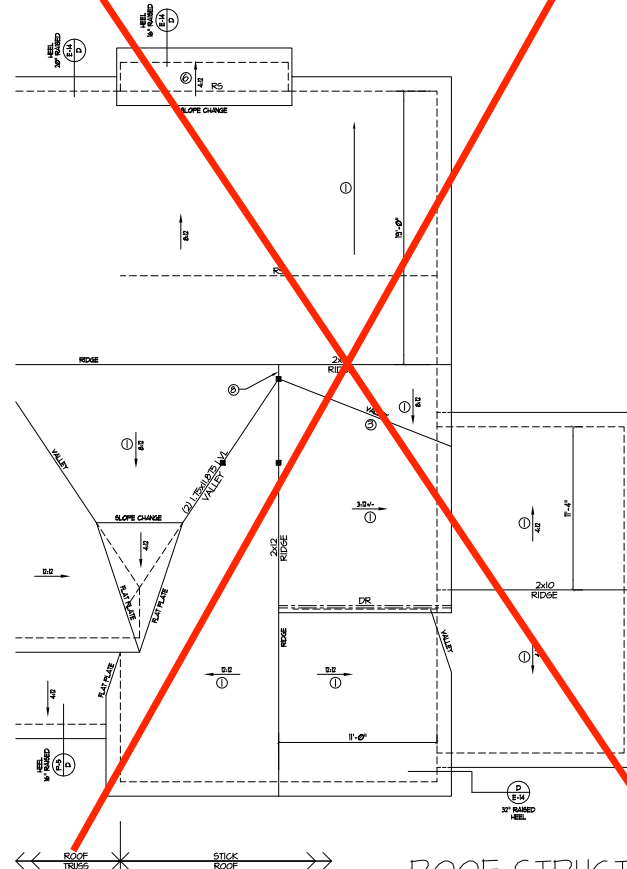


NOTE: DETAILS WITH A 'D' REFERENCE (EX. 'D-F10') ARE FOR ARCHITECTURAL REPRESENTATIONS ONLY. REFER TO 'SD' SHEETS FOR STRUCTURAL DETAILS.

**ROOF FRAMING NOTES:**  
NC (2018 NRC), Wind: 115-120 mph

- ① 2x8 RAFTERS @ 16" O.C. WITH 2x10 RIDGE, UNO.
  - ② 2x10 OR 1.75x12.75 LVL HP, (2) 2x10 HPs MAY BE SPLICED WITH A MIN 6'-0" OVERLAP AT CENTER
  - ③ (2) 2x10 OR 1.75x12.75 LVL VALLEY, DO NOT SPLICE VALLEYS
  - ④ 1.75x12.75 LVL OR (2) 1.75x12.75 LVL VALLEY
  - ⑤ FALSE FRAME VALLEY ON 2x10 FLAT PLATE
  - ⑥ 2x8 RAFTERS @ 16" O.C. W/ 2x8 RIDGE, UNO.
  - ⑦ 2x10 RAFTERS @ 16" O.C. W/ 2x12 RIDGE, UNO.
  - ⑧ EXTEND RIDGE 12" BEYOND INTERSECTION
- 'SR' = SINGLE RAFTER
  - 'DR' = DOUBLE RAFTER
  - 'TR' = TRIPLE RAFTER
  - 'NS' = ROOF SUPPORT
  - 'M' = (3) 5/16" OR 4x4 POST FOR ROOF SUPPORT (USE 2x6 STUDS OR 6x6 POST FOR SUPPORT OVER 10'-0" IN HEIGHT)
  - ATTACH VAULTED RAFTERS WITH HURRICANE CLIPS: SIMPSON 14-235A OR EQUIVALENT. TIES TO BE INSTALLED ON THE OUTSIDE FACE OF FRAMING.
  - INSTALL RAFTER TIES AND COLLAR TIES PER SECTION R902.3 OF THE 2018 NC RESIDENTIAL CODE.

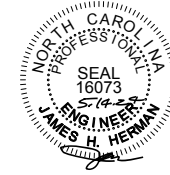
ELEVATION "C"  
OPT. 3rd BAY WITH SECOND FLOOR  
FRONT LOAD GARAGE



ROOF STRUCTURAL PLAN

SCALE: 1/8" = 1'-0"

REFER TO "SD" SHEET(S) FOR STANDARD DETAILS AND STRUCTURAL NOTES



PROJECT #  
21-2821-GR

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Group Right  
KEN HARVEY HOMES

S-4.2c

**STRUCTURAL NOTES**

NC (2018 NCRG); Wind: 115-120 mph

- ENGINEER'S SEAL APPLIES ONLY TO STRUCTURAL COMPONENTS INCLUDING ROOF RAFTERS, HIPS, VALLEYS, RIDGES, WALLS, BEAMS AND HEADERS, COLUMNS, CANTILEVERS, OFFSET LOAD BEARING WALLS, PIER & GIRDER SYSTEM, FOOTING AND PILING SYSTEM. ENGINEER'S SEAL DOES NOT CERTIFY DIMENSIONAL ACCURACY OR ARCHITECTURAL LAYOUT INCLUDING ROOF SYSTEM. ALL REQUIREMENTS FOR PROFESSIONAL CERTIFICATION SHALL BE PROVIDED BY THE APPROPRIATE PROFESSIONAL. SOUTHERN ENGINEERS, P.A. CERTIFIES ONLY THE STRUCTURAL COMPONENTS AS SPECIFICALLY STATED.
- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE 2018 NC RESIDENTIAL CODE, PLUS ALL LOCAL CODES AND REGULATIONS. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR, AND WILL NOT HAVE CONTROL OF, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE CONSTRUCTION WORK, NOR WILL THE ENGINEER BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE CONSTRUCTION WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. "CONSTRUCTION REVIEW" SERVICES ARE NOT PART OF OUR CONTRACT. ALL MEMBERS SHALL BE FRAMED, ANCHORED, TIED AND BRACED IN ACCORDANCE WITH GOOD CONSTRUCTION PRACTICE AND THE BUILDING CODE.
- DESIGN LOADS (LISTED AS: LIVE LOAD, DEAD LOAD, DEFLECTION)
  - ROOMS OTHER THAN SLEEPING ROOMS: (40 PSF, 10 PSF, L/360)
  - SLEEPING ROOMS: (30 PSF, 10 PSF, L/360)
  - ATTIC WITH PERMANENT STAIR: (40 PSF, 10 PSF, L/360)
  - ATTIC WITHOUT PERMANENT STAIR: (20 PSF, 10 PSF, L/360)
  - ATTIC WITHOUT STORAGE: (10 PSF, 10 PSF, L/240)
  - STAIRS: (40 PSF, 10 PSF, L/360)
  - EXTERIOR BALCONIES: (60 PSF, 10 PSF, L/360)
  - DECKS: (40 PSF, 10 PSF, L/360)
  - SHEDS/WALLS AND HANGAR: (200 LBS)
  - PASSENGER VEHICLE GARAGES: (50 PSF, 10 PSF, L/360)
  - FIRE ESCAPES: (40 PSF, 10 PSF, L/360)
  - SKIN: (20 PSF)
- WALLS SHALL BE BRACED BY SHEATHING WALLS ON ALL STORIES WITH WOOD STRUCTURAL PANELS. SEE FRAMING NOTES FOR THICKNESS AND NAILING REQUIREMENTS.
- SEE APPENDIX M (DC46) FOR EXTERIOR DECK REQUIREMENTS INCLUDING ATTACHMENTS FOR LATERAL LOADS.
- CONCRETE SHALL HAVE A MINIMUM 28 DAY STRENGTH OF 3000 PSI AND A MAXIMUM SLUMP OF 5 INCHES UNLESS NOTED OTHERWISE (NO). AIR ENTRAINMENT PER TABLE 402.2. ALL CONCRETE SHALL BE PROPORTIONED, MIXED, HANDLED, SAMPLED, TESTED, AND PLACED IN ACCORDANCE WITH ACI STANDARDS. ALL SAMPLES FOR PUMPING SHALL BE TAKEN FROM THE EXIT END OF THE PUMP. CONTROL JOINTS IN SLABS SHALL BE PLACED ON A GRID OF +3.0 TIMES THE DEPTH (D). CONTROL JOINTS SHALL BE SAWCUT TO A DEPTH OF 1/2" (IE. AT CONCRETE SLABS SHALL HAVE A DEEP CONTROL JOINTS SAWCUT IN SLAB ON A +110'-0" x +110'-0" GRID).
- ALLOWABLE SOIL BEARING PRESSURE ASSIGNED TO BE 2000 PSF. THE CONTRACTOR MUST CONTACT A GEOTECHNICAL ENGINEER AND THE STRUCTURAL ENGINEER IF UNSATISFACTORY SUBSURFACE CONDITIONS ARE ENCOUNTERED. THE SURFACE AREA ADJACENT TO THE FOUNDATION WALL SHALL BE PROVIDED WITH ADEQUATE DRAINAGE, AND SHALL BE GRADED 50 AS TO DRAIN SURFACE WATER AWAY FROM FOUNDATION WALLS.
- ALL FRAMING LUMBER SHALL BE SPF #2 (Fb = 875 PSF) UNLESS NOTED OTHERWISE (NO). ALL TREATED LUMBER SHALL BE 2" x 2" PLATE MATERIAL MAY BE SPF #3 OR SPF #3 (F#SP#) x 4/25 PSI - 1" MIN.
- L.V.L. SHALL BE LAMINATED VENEER LUMBER: Fb=2895 PSF, Fv=285 PSF, E=1,410,000 PSI.
  - P.S.L. SHALL BE PARALLEL STRAND LUMBER: Fb=2400 PSF, Fv=290 PSF, E=2,040,000 PSI.
  - L.S.L. SHALL BE LAMINATED STRAND LUMBER: Fb=2250 PSF, Fv=400 PSF, E=1,550,000 PSI. INSTALL ALL CONNECTIONS PER MANUFACTURERS INSTRUCTIONS.
- ALL ROOF TRUSS AND I-JOIST LAYOUTS SHALL BE PREPARED IN ACCORDANCE WITH THE SEALED STRUCTURAL DRAWINGS. TRUSSES AND I-JOISTS SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS. ANY CHANGE IN TRUSS OR I-JOIST LAYOUT SHALL BE COORDINATED WITH SOUTHERN ENGINEERS.
- ALL STRUCTURAL STEEL SHALL BE ASTM A-36. STEEL BEAMS SHALL BE SUPPORTED AT EACH END WITH A MINIMUM BEARING LENGTH OF 3 (2" INCHES) AND FULL FLANGE WIDTH. PROVIDE SOLID BEARING FROM BEAM SUPPORT TO FOUNDATION. BEAMS SHALL BE ATTACHED TO EACH SUPPORT WITH TWO LAG SCREWS (1/2" DIAMETER x 4" LONG). LATERAL SUPPORT IS CONSIDERED ADEQUATE PROVIDING THE JOIST ARE TIE NAILLED TO THE SOLE PLATE AND SOLE PLATE IS NAILLED OR BOLTED TO THE BEAM FLANGE @ 48" O.C. ALL STEEL TUBING SHALL BE ASTM A500.
- REBAR SHALL BE DEFORMED STEEL, ASTM#65, GRADE 60. LAP ALL REBAR SPLICES 30 BAR DIAMETERS.
- FLITCH BEAMS SHALL BE BOLTED TOGETHER USING (2) ROWS OF 1/2" DIAMETER BOLTS (ASTM A520) WITH WASHERS PLACED UNDER THE THICKENED END OF BOLT. BOLTS SHALL BE SPACED AT 24" O.C. (MAX), AND STAGGERED AT THE TOP AND BOTTOM OF BEAM (2" EDGE DISTANCE) WITH 2 BOLTS LOCATED AT 6" FROM EACH END.
- BRICK LINTELS (WHEN REQUIRED) SHALL BE 3 (1/2"x3 (1/2"x4" STEEL ANGLE FOR UP TO 6'-0" SPAN AND 6"x6"x6" STEEL ANGLE WITH 6" L.S. VERTICAL FOR SPANS UP TO 8'-0". SEE PLAN FOR SPANS OVER 4'-0". SEE ALSO SECTION R103.8.3 LINTELS.

**LVL CONNECTION LEGEND**

- (2) PLY 1.75" LVL BEAMS.
  - (B) ROWS OF 100 NAILS @ 12" O.C. OR
  - (2) ROWS OF SIMPSON SDW22386 (OR EQUAL) SCREWS @ 16" O.C. FOR BEAMS UP TO 18"
  - (B) ROWS OF SIMPSON SDW22386 (OR EQUAL) SCREWS @ 16" O.C. FOR BEAMS GREATER THAN 18"
- (3) PLY 1.75" LVL BEAMS.
  - (3) ROWS OF 100 NAILS @ 8" O.C. ON EACH SIDE OR
  - (2) ROWS OF SIMPSON SDW22300 (OR EQUAL) SCREWS @ 16" O.C. FOR BEAMS UP TO 18"
  - (3) ROWS OF SIMPSON SDW22300 (OR EQUAL) SCREWS @ 16" O.C. FOR BEAMS GREATER THAN 18"
- (4) PLY 1.75" LVL BEAMS.
  - (2) ROWS OF SIMPSON SDW22634 (OR EQUAL) SCREWS @ 16" O.C. FOR BEAMS UP TO 18"
  - (3) ROWS OF SIMPSON SDW22634 (OR EQUAL) SCREWS @ 16" O.C. FOR BEAMS GREATER THAN 18"

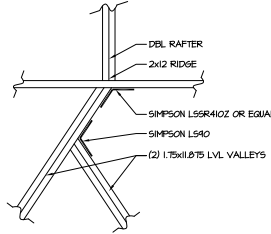
**HEADER/BEAM & COLUMN NOTES**

- ALL EXTERIOR AND LOAD BEARING HEADERS SHALL BE MIN. (2)2x4 (4" WALL) OR (3)2x4 (6" WALL) WITH (1) SUPPORT STUD, UNLESS NOTED OTHERWISE.
  - THE NUMBER SHOWN AT BEAM AND HEADER SUPPORTS INDICATES THE NUMBER OF SUPPORT STUDS REQUIRED IN STUD SOCKET BETWEEN THE NUMBER OF KING STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS SHALL BE ACCORDING TO ITEM 12" IN TABLE R602.5) OR AS BELOW PER NCCO1 COMMENTARY KING STUDS AT WALL OPENINGS REVISED 1-4-2020.
    - IF UP TO 3" SPAN, (1) KING STUD
    - OVER 3" UP TO 6" SPAN, (2) KING STUDS
    - OVER 6" UP TO 9" SPAN, (3) KING STUDS
    - OVER 9" UP TO 12" SPAN, (4) KING STUDS
    - OVER 12" UP TO 15" SPAN, (5) KING STUDS

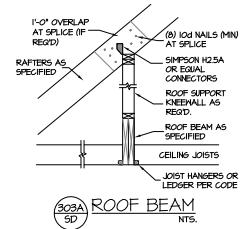
**FRAMING NOTES**

NC (2018 NCRG); Wind: 115-120 mph

- BRACING METHOD AND TYPE: CONTINUOUSLY SHEATHED WSP, CS-WSP. NOTE THAT THE WALL BRACING AMOUNT PROVIDED ON THE PLANS (DETAILS AND SPECIFICATIONS) IS GREATER THAN THE AMOUNT OF WALL BRACING REQUIRED BY SECTION R602.10 OF THE CODE. SEE NOTES BELOW FOR DETAILS AND SPECIFICATIONS FOR WALL BRACING AND WALL FRAMING.
- EXTERIOR WALL SHEATHING: WALLS SHALL BE BRACED BY SHEATHING WALLS ON ALL STORIES WITH WOOD STRUCTURAL PANEL SHEATHING (WSP) EXPOSURE B, 7/16", EXPOSURE C, 15/32". SHEATHING SHALL BE ATTACHED WITH 8d NAILS AT A 6" X 12" NAILING PATTERN 16" O.C. AT PANEL EDGES AND 12" O.C. AT INTER-MEDIATE SUPPORTS. INSTALL BLOCKING AT ALL PANEL EDGES.
- WSP SHEATHING SHALL EXTEND TO THE UPPERMOST DOUBLE BEARING PLATE BLOCK AT ROOF PER SECTION R602.10.4.5 AND ATTACH BRACED WALLS PER CODE. WSP SHEATHING BETWEEN FLOORS SHALL BE SPLICED ALONG CONTINUOUS BAND OR THE WSP SHEATHING MAY BE SPLICED ACROSS STUDS (CONTINUOUS ACROSS FLOOR SYSTEM) WITH BLOCKING AT PANEL EDGES. (MINIMUM 12" BEYOND FLOOR BREAK) OR OTHER APPROVED METHOD.
- "1/2" - HOLD-DOWN HOLD-DOWN DEVICE (NOTED AS "1/2" ON PLANS) SHALL BE AN 800 POUND CAPACITY ASSEMBLY AS NOTED ON PLANS. SEE DETAILS FOR HD ASSEMBLY.
  - MEMBER END JOISTS: USE "1/2" HOLD-DOWN DETAIL" ON SD SHEET (OR EQUIV.)
  - MURDER FLOORS: ATTACH BASE OF KING STUD WITH A SIMPSON C222 STRAP DOWN ACROSS THE BAND AND DOWN TO A STUD BELOW OR HEADER BELOW. EXTEND STRAP T MIN ALONG EACH STUD (OR HEADER) AND ATTACH EACH END IN (1) 8d NAILS.
- INTERIOR BRACED WALL: NOTED AS "1/2" ON PLANS) ATTACH 1/2" GYPSUM BOARD (GB) ON EACH SIDE OF WALL WITH A MIN. OF 5d COOLER NAILS OR #6 SCREWS @ 17" O.C. ALONG THE EDGES AND AT INTER-MEDIATE SUPPORTS.
- INTERIOR BRACED WALL-WOOD STRUCTURAL PANEL: (NOTED AS "1/2" ON PLANS) ATTACH ONE SIDE WITH 3/4" WSP SHEATHING WITH 8d NAILS AT A 6" X 12" NAILING PATTERN 16" O.C. AT PANEL EDGES AND 12" O.C. AT INTER-MEDIATE SUPPORTS. INSTALL BLOCKING AT ALL PANEL EDGES. ATTACH GB OVER WSP AS REQUIRED. ATTACH OPPOSITE SIDE WITH 1/2" GB WITH A MIN. OF 5d COOLER NAILS OR #6 SCREWS @ 17" O.C. ALONG THE EDGES AND AT INTER-MEDIATE SUPPORTS.



PLAN VIEW



ROOF BEAM

**PORCH POST NOTES:**

- 4x4 (6x6) TRT POST (OR EQUAL) ATTACH TRUSSES (RAFTERS) AT PORCH WITH HURRICANE CONNECTORS.
- EDGE GAP: SIMPSON L4-MAX (AC6-MAX) MITER HANGER AT CORNER. HIGH WIND, ADD (1) SIMPSON HE.
- POST BASE: SIMPSON AB44 (AB46).
- MOUD, 3/8" ANCHOR (EMBED T)
- 3/2. (2x) 3/8" ANCHOR (EXTEND TO FOOTING - HIGH WIND ONLY)
- POST BASE: WOOD FOUNDATION. (2) SIMPSON C506 STRAPS AT POSTS. EXTEND 12" ONTO EACH POST (UPPER AND LOWER) OR TO GIRDER.

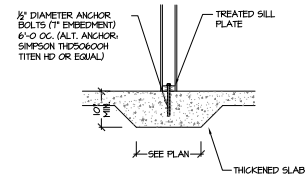
NOTE: THE ABOVE CONNECTORS ARE SUGGESTIONS. EQUIVALENT CONNECTORS THAT MEET THE REQUIREMENTS OF THE NC RESIDENTIAL BUILDING CODE, LOCAL CODES, AND/OR ARE APPROVED BY THE BUILDING INSPECTOR MAY BE SUBSTITUTED.

**TRUSS SYSTEM REQUIREMENTS**

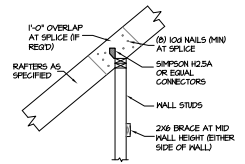
NC (2018 NCRG); Wind: 115-120 mph

- TRUSS SYSTEM LAYOUTS (PLACEMENT PLANS) SHALL BE DESIGNED IN ACCORDANCE WITH SEALED STRUCTURAL PLANS. ANY NEED TO CHANGE TRUSSES SHALL BE COORDINATED WITH SOUTHERN ENGINEERS.
- TRUSS SCHEMATICS (PROFILES) SHALL BE PREPARED AND SEALED BY TRUSS MANUFACTURER.
- ALL TRUSSES SHALL BE DESIGNED FOR BEARING ON SPF #2 OR #3 PLATES OR LEDGERS.
- ALL REQUIRED ANCHORS FOR TRUSSES DUE TO UPLIFT OR BEARING SHALL MEET THE REQUIREMENTS AS SPECIFIED ON THE TRUSS SCHEMATICS.

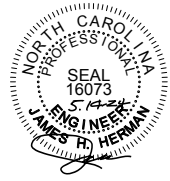
NOTE: DETAILS WITH A 'D' REFERENCE (EX. 'D-F10') ARE FOR ARCHITECTURAL REPRESENTATIONS ONLY. REFER TO 'SD' SHEETS) FOR STRUCTURAL DETAILS.



THICKENED SLAB (INTERIOR BEARING WALL)



TYPICAL RAFTER SUPPORT ON ATTIC KNEEWALL



PROJECT #  
21-2821-GR

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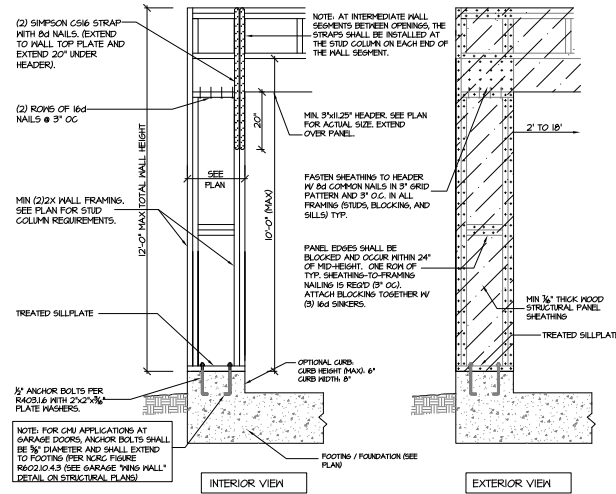
DYNAMIC  
DESIGN  
GROUP

Riley  
George Right  
KEN HARVEY HOMES

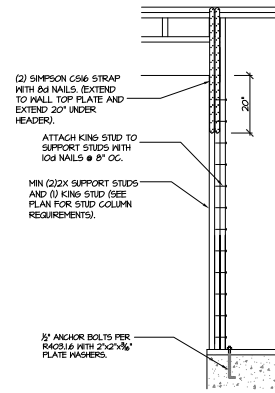
SD



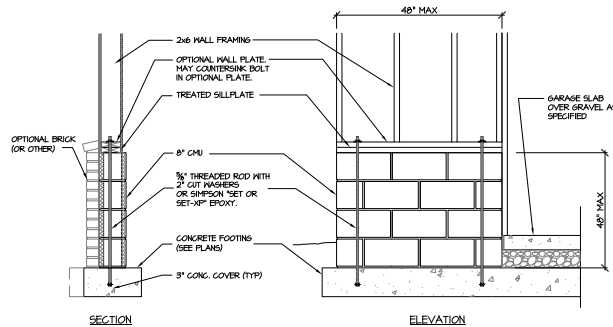
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905B CS-PF: CONTINUOUS PORTAL FRAME CONSTRUCTION  
SD  
DETAIL AND APPLICATION BASED ON NRC FIGURE R602.10.1 - PORTAL FRAME CONSTRUCTION



906 CS-PF: END CONDITION DETAIL  
SD  
(FOR USE WITH SINGLE CS-PF CONDITION)  
DETAIL AND APPLICATION BASED ON NRC FIGURE R602.10.1 - PORTAL FRAME CONSTRUCTION



401 GARAGE 'WING WALL' REINFORCING  
SD  
PER IRC FIGURE R602.10.4.3

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