

NC Plans to Go, LLC

704-275-1379
ncplanstogo@gmail.com
R. HOPKINS

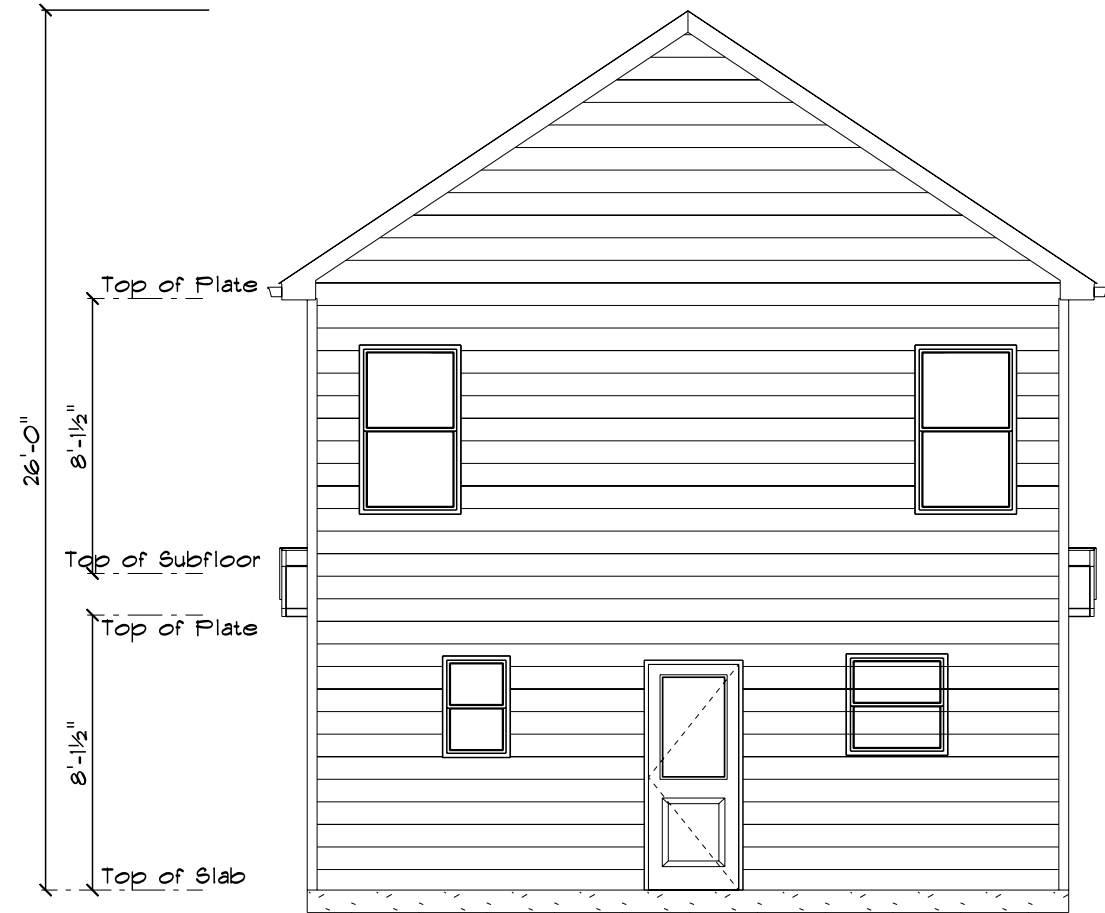


Project # 461935

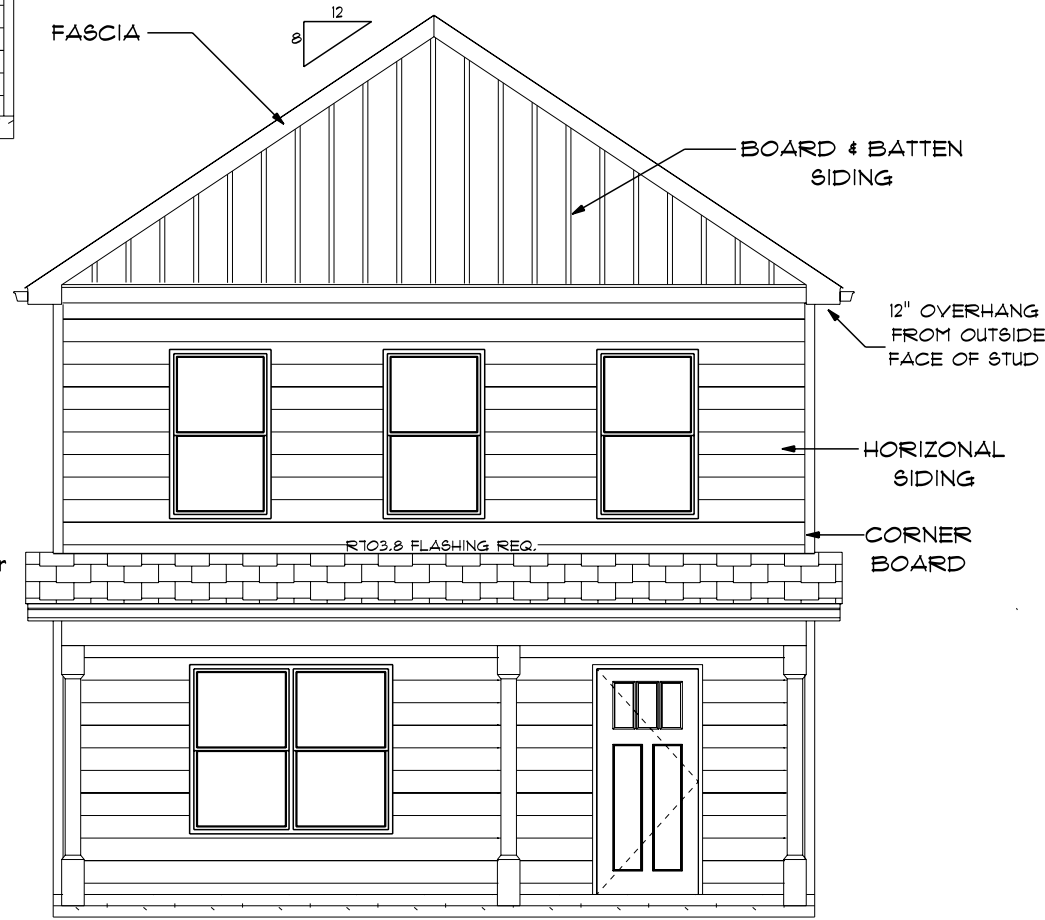


MECKLENBURG COUNTY
CODE ENFORCEMENT
Residential Plan Review Disclaimer:
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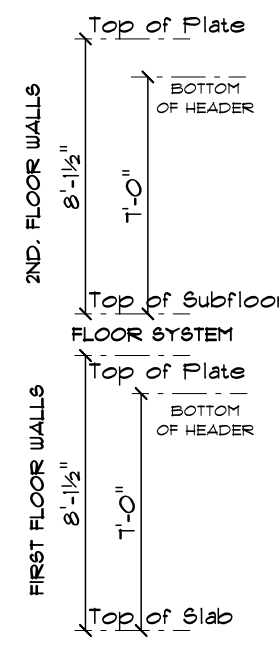
APPROVED
07/01/2024
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PLANS REVIEWED BY:
Ed Calhoun



REAR ELEVATION



FRONT ELEVATION



N1102.1.2 OF 2018 NCRC
INSULATION REQUIREMENTS
FLOOR R-19
WALL R-15
ROOF R-38

2018 NC Residential Code

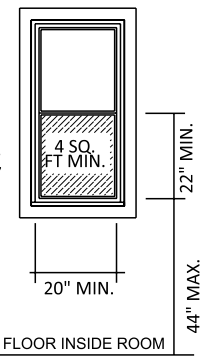
R308.4.2 Glazing adjacent to doors.
Glazing in an individual fixed or operable panel adjacent to a in the same plane as the door shall be considered to be a hazardous location where the bottom exposed edge of the glazing is less than 60 inches (1524 mm) above the floor or walking surface and it meets either of the following conditions:
1. Where the glazing is within 24 inches (610 mm) of either side of the door in the plane of the door in a closed position.

Emergency Escape And Rescue Openings

NCRC 2018 R310 Emergency escape and rescue opening required. Basements, habitable attics and every sleeping room shall have not less than one emergency escape and rescue opening. Where basements contain one or more sleeping rooms, an emergency escape and rescue opening shall be required in each sleeping room. Emergency escape and rescue openings shall open directly into a public way, or yard or court that opens too a public way.

R310.1 Operational constraints and opening control devices. Emergency escape and rescue openings shall be operational from the inside of the room without the use of keys, tools or special knowledge. Window opening control devices complying with ASTM F2090 shall be permitted for use on windows serving as a required emergency escape and rescue opening.

R310.2.1 Minimum opening area. Emergency and escape rescue openings shall have a minimum net clear openable area of 4 square feet (0.372 m2). The minimum net clear opening height shall be 22 inches (558 mm). The minimum net clear opening width shall be 20 inches (508 mm). Emergency escape and rescue openings must have a minimum total glazing area of not less than 5 square feet (0.465 m2) in the case of a ground floor level window and not less than 5.7 square feet (0.530 m2) in the case of an upper story window.



NOTE:
WINDOWS WITHIN 18" OF FLOOR SHALL BE TEMPERED. 1ST. FLOOR WINDOWS ABOVE 6' FROM GRADE AND ALL 2ND. FLOOR WINDOWS SHALL HAVE SAFTY LATCHES.

R311.1 Means of egress. All dwelling shall be provided with a means of egress as provided in this section. The means of egress shall provide a continuous and unobstructed path of vertical and horizontal egress travel from all portions of the dwelling to the exterior of the dwelling at the required exterior egress door without requiring travel through a garage.

R311.2 Egress door. Not less than one exterior egress door shall be provided for each dwelling unit. The egress door shall be side-hinged, and shall provide a clear width of not less than 32 inches (813 mm) where measured between the face of the door and the stop, with the door open 90 degrees (1.57 rad). The clear height of the door opening shall be not less than 78 inches (1981 mm) in height measured from the top of the threshold to the bottom of the stop. Other exterior doors shall not be required to comply with these minimum dimensions. Egress doors shall be readily openable from inside the dwelling without the use of a key or special knowledge or effort.

R311.6 Hallways. The width of a hallway shall be not less than 3 feet (914 mm) measured from the finished surface of the walls.

R311.6.1 Interior egress doors. All doors providing egress from habitable rooms shall have nominal minimum dimensions of 2 feet 6 inches (782 mm) width by 6 feet 8 inches (2032 mm) height. Interior egress doors shall be readily openable from the side from which egress is to be made without the use of a key or special knowledge or effort.

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The Taylor 2024
1290 PLAN

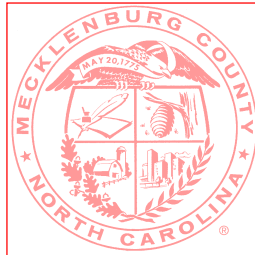
REVISIONS:
04-8-2024

DRAWN:
08-15-2019

9251 MISENHEIMER RD
CHARLOTTE, NC

A-1

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



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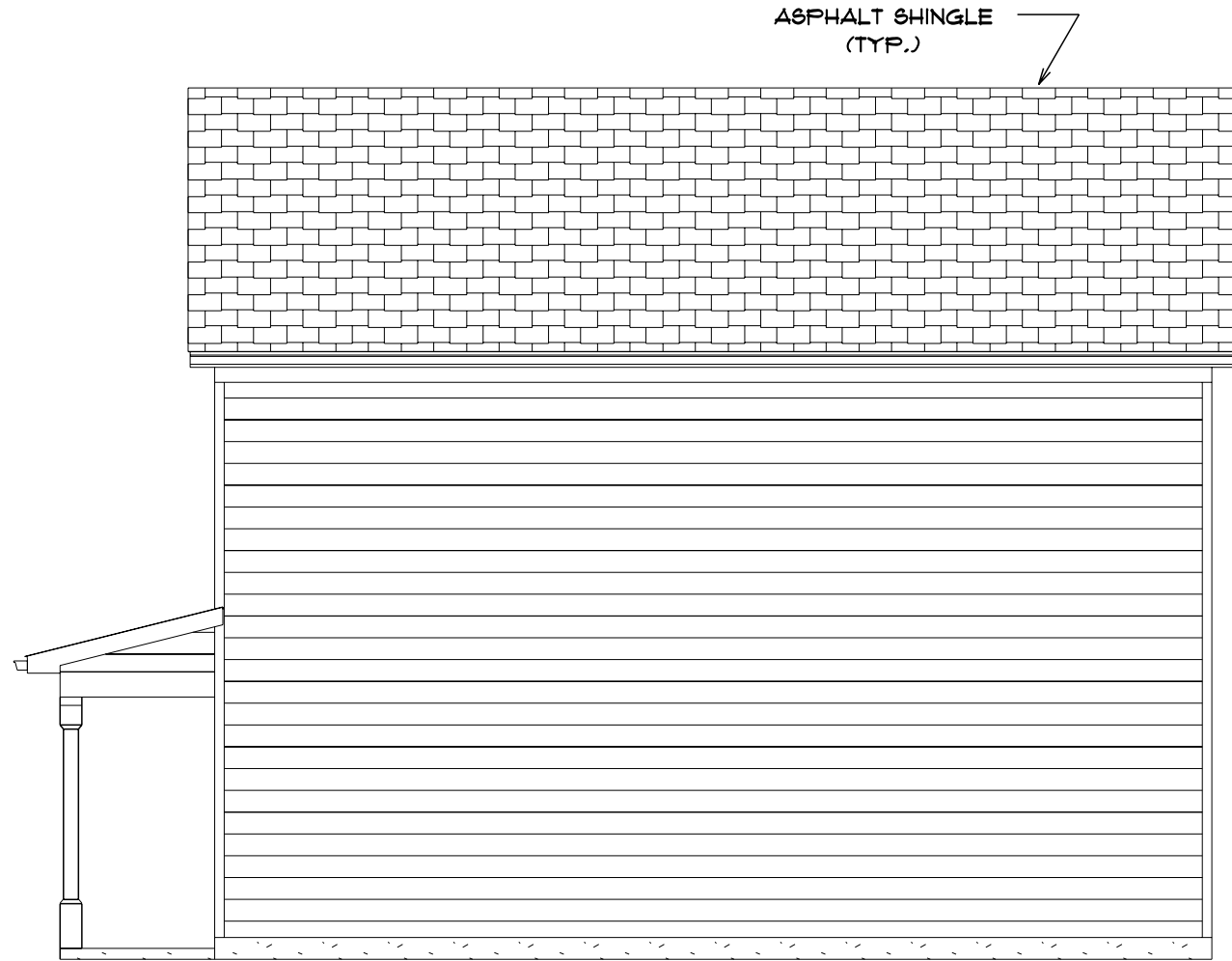
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LEFT ELEVATION



RIGHT ELEVATION

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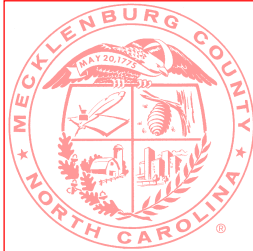


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9251 MISENHEIMER RD
CHARLOTTE, NC

A-2



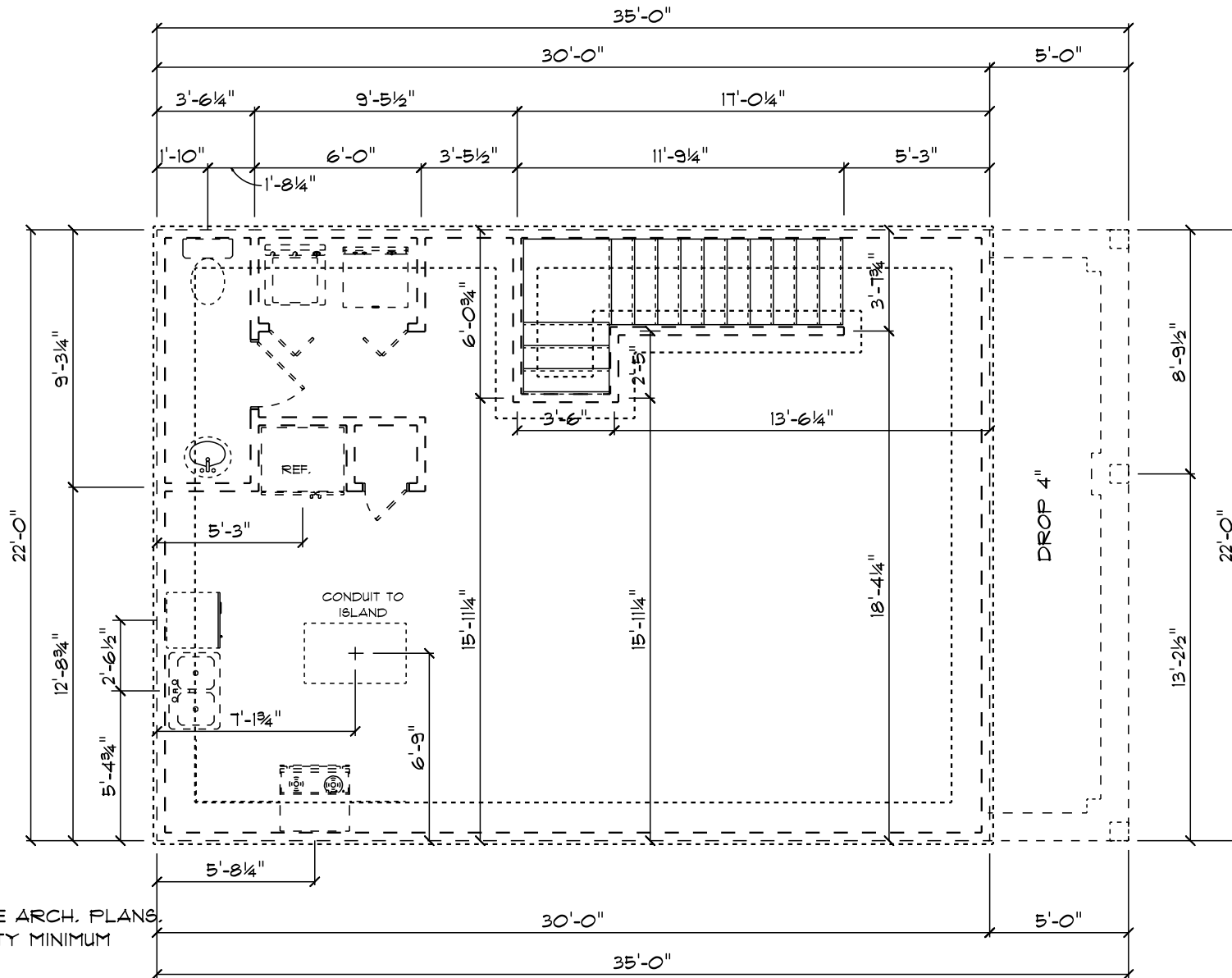
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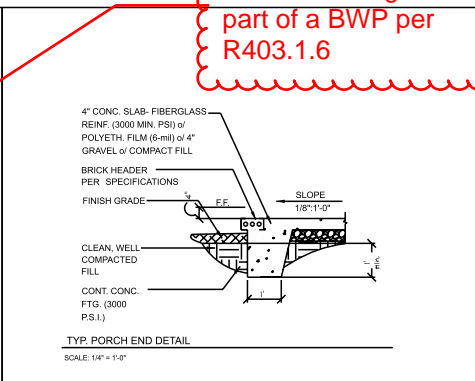
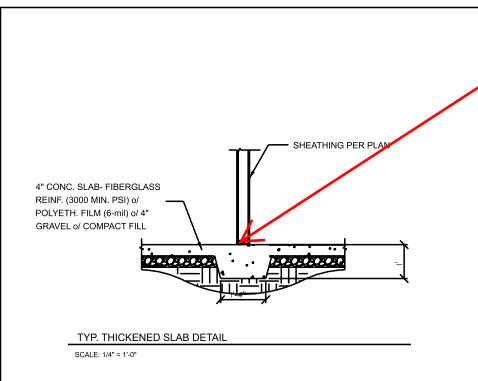
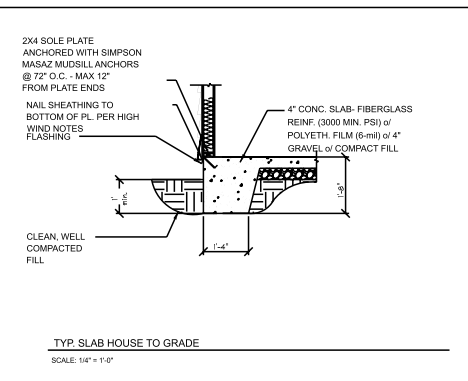
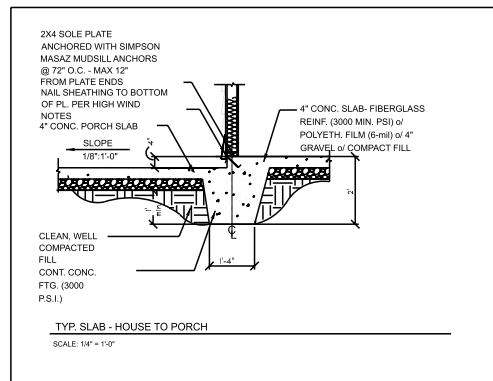
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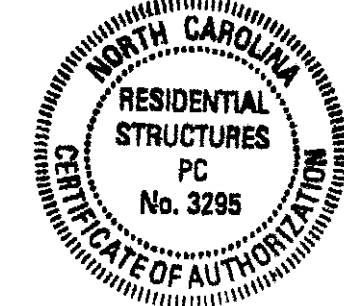
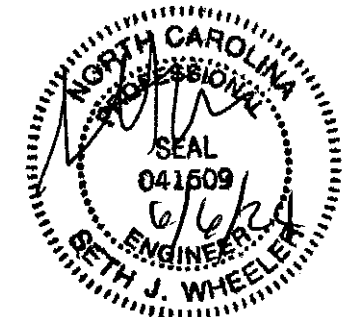
FOUNDATION PLAN

FOUNDATION NOTES:

1. ALL DIMENSIONS TO BE VERIFIED AGAINST THE ARCH. PLANS.
2. ALL SOIL TO BE 2000 PSF BEARING CAPACITY MINIMUM
3. ALL CONCRETE TO BE 3000 PSI MINIMUM
4. SEE DETAILS FOR FOUNDATION SIZE & REINFORCING
5. ALL FOOTINGS TO BEAR MINIMUM 12" BELOW GRADE



Verify positive anchorage
of load bearing wall not
part of a BWP per
R403.1.6



RESIDENTIAL STRUCTURES, P.C.
3410 N. Davidson St.
Charlotte, N.C. 28205
Seal For Structural Only

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DRAWN:
05-18-2019

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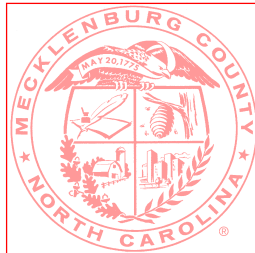


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A-3



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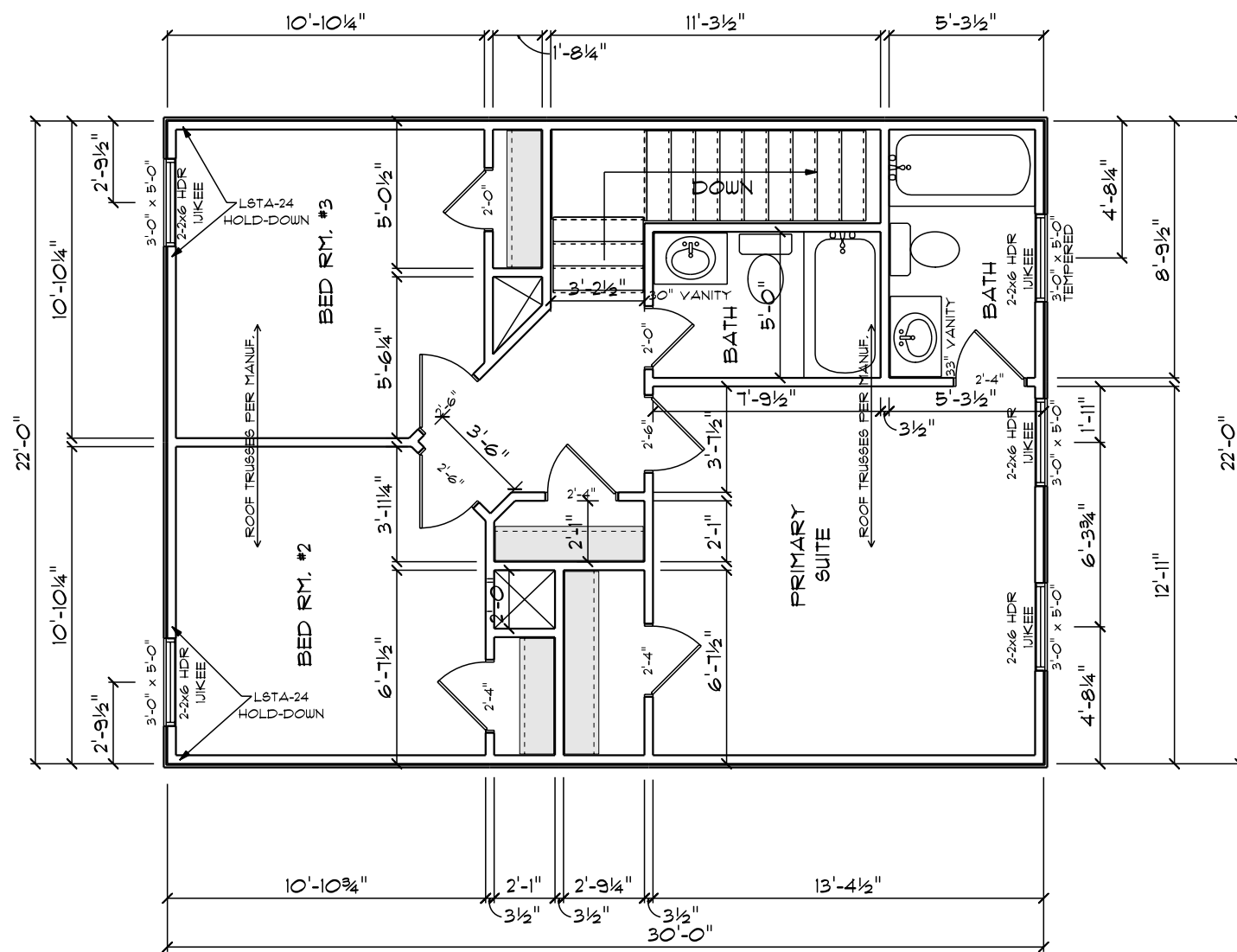
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SECOND FLOOR PLAN

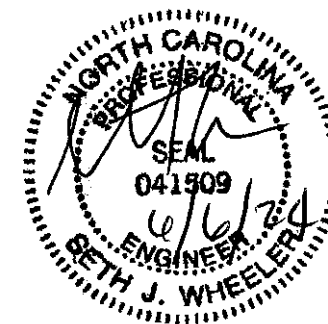
2ND FLOOR WALLS & CEILING NOTES:

1. ALL EXTERIOR LOAD BEARING HEADERS PER PLAN
2. ALL INTERIOR LOAD BEARING HEADERS PER PLAN
3. *J*KEE = NUMBER OF JACK STUDS & NUMBER OF KING STUDS AT EACH END OF A HEADER
4. ROOF TRUSSES = ROOF TRUSSES PER MANUF. 24" O.C. MAX
5. ALL WALL BRACING FOR THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED THE INTENT OF THE 2018 NCRC.
- 5.1 CS-W&P TYP UNO
- 5.2 R602.10.5 TYP UNO

Verify minimum panel fastening of 6" on edge and 12" in the field.

WALL STUD REQUIREMENTS

| EXT.WALL HT. (h) | STUD SIZE & SPACING |
|--------------------------|---------------------|
| $h \leq 10'-0"$ | 2X4 @ 16" O/C |
| $10'-0" < h \leq 11'-0"$ | 2X4 @ 12" O/C |
| $10'-0" < h \leq 11'-0"$ | 2X6 @ 16" O/C |
| $h > 18'-0"$ | CONSULT ENGINEER |



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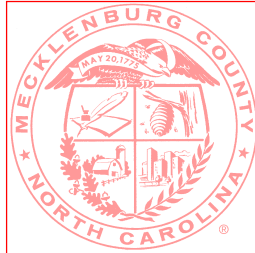


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A-5



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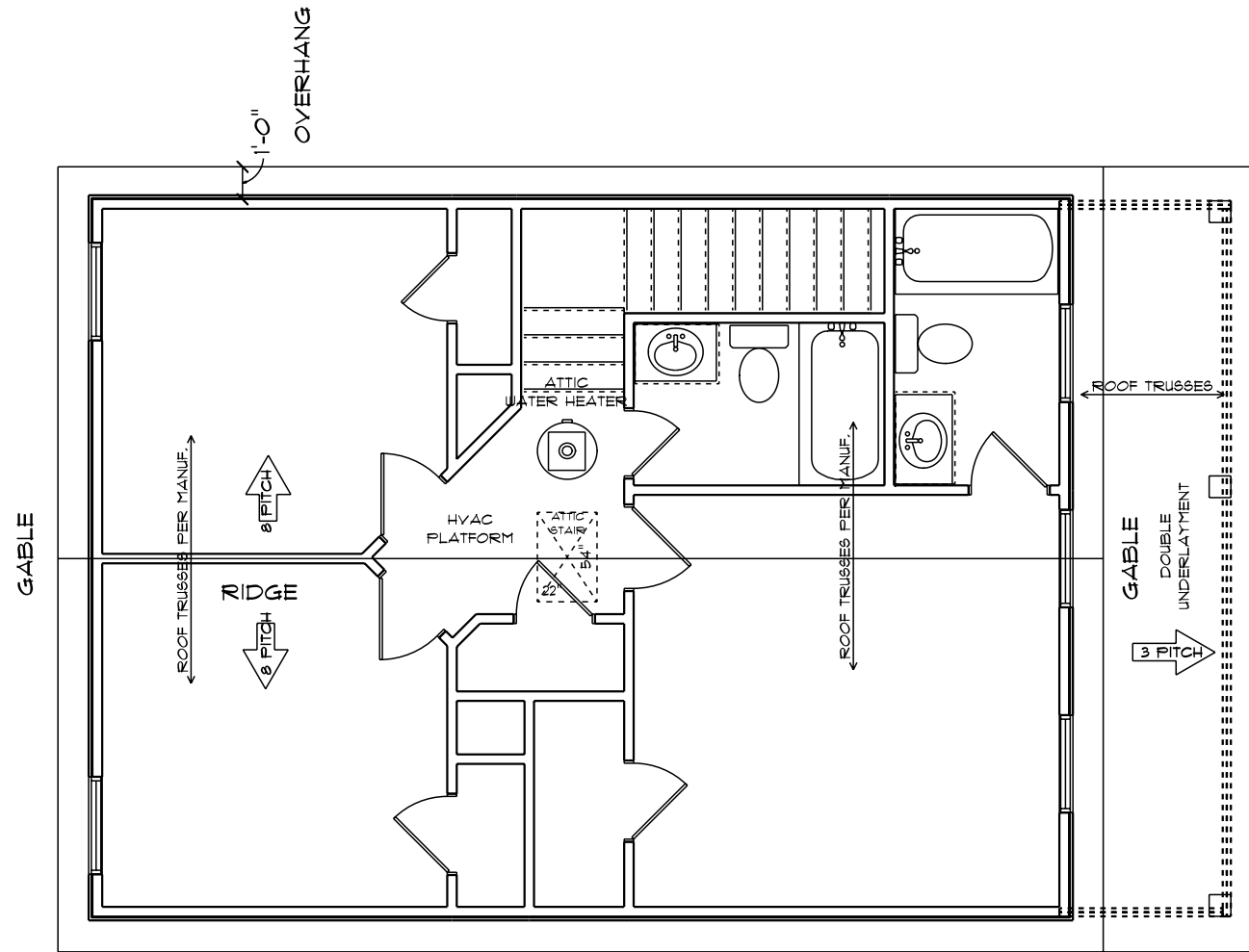
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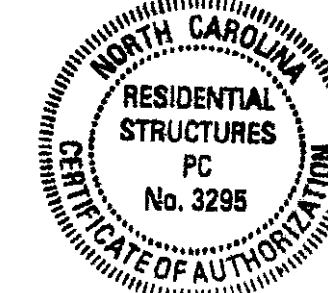
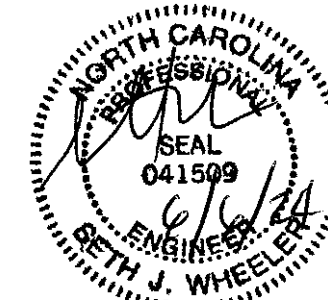
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ROOF PLAN



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ROOF VENTILATION CALCULATIONS

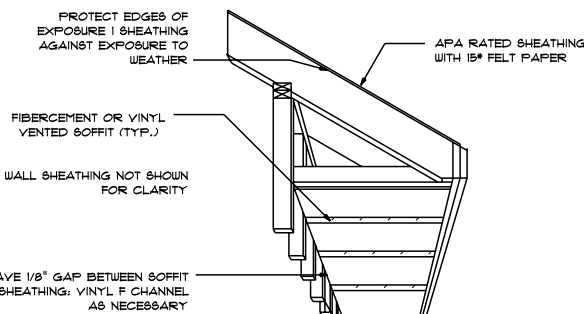
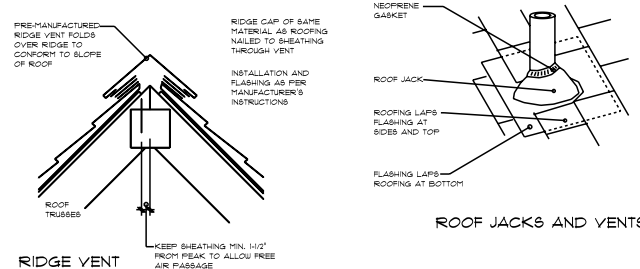
2" CONT. ALUM. SOFFIT VENT = 8 SQ. IN./FT. OF VENT AREA RIDGE VENT - 12.5 SQ. IN./FT. OF VENT AREA

MAIN BUILDING (AS PERSECTION R806.2 OF 2018 NCRC):

ATTIC VENTILATED AREA: 144 SQ. IN. x 1/300 = SQ. IN. VENT

NOTE THAT "DORMER" STYLE THROUGH-ROOF EXHAUST VENTS MAY BE PROVIDED IN ADDITION TO OR IN LIEU OF RIDGE VENTS INDICATED.

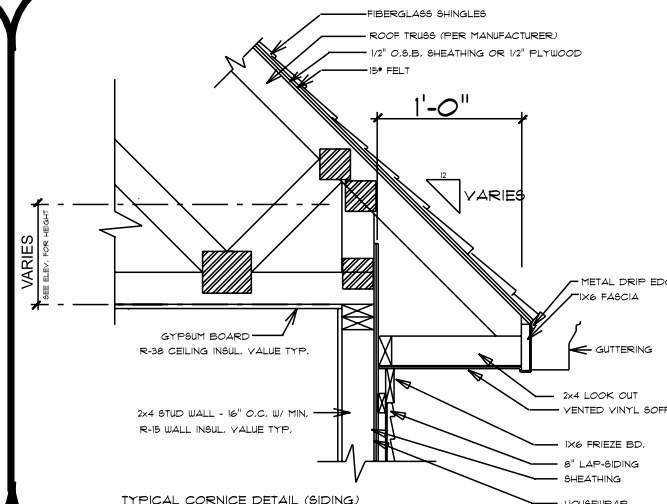
MIN. 26 SQ. FT. (3600/180 + 28.33) VENTILATION AREA REQ'D



SOFFIT DETAIL

VENTILATION NOTE:

BUILDER TO CONFIRM THE SQ. IN./FT. VENTED AREA w/ THEIR MANUF. OF VENTING PRODUCTS USED FOR THIS CONSTRUCTION SO THEY WILL COMPLY w/ THE CALCULATED SQ. IN./FT. OF VENTED AREA REQUIRED. PROVIDE 12" OVERHANG THROUGHOUT U.N.O.



TYPICAL CORNICE DETAIL (SIDING)

SCALE: 3/4" = 1'-0"

STRUCTURAL NOTES:

1. R.T. = ROOF TRUSS PER MANUFACTURER @ 24" O.C. MAX.
2. G.T. = GIRDER TRUSS PER MANUFACTURER
3. DESIGN AND LAYOUT OF ROOF TRUSSES SHALL BE PROVIDED BY MANUFACTURER. INSTALLATION SHALL BE PER MANUFACTURER'S INSTRUCTIONS.
4. ROOF TRUSS STRUCTURAL DESIGN FOR EXTERIOR WALL BEARING ONLY. CONSULT WITH ENGINEER OF RECORD SHOULD INTERIOR SUPPORT BE NECESSARY

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9251 MISENHEIMER RD
CHARLOTTE, NC

A-6

GENERAL NOTES

RESIDENTIAL FOUNDATIONS

- 1) ALL CONTINUOUS WALL FOOTINGS ARE 8" X 12" FOR ONE-STORY AND 8"X16" FOR TWO-STORY HOUSES UNLESS OTHERWISE NOTED. REINFORCING IS TO BE AS NOTED ON PLANS. FOOTINGS ON ORIGINAL SOIL DO NOT NEED REBAR. REBAR IS REQUIRED ON ANY COMPACTED FILL REGARDLESS OF COMPACTION.
2) ALL INTERIOR PIERS ARE 8" X 8" OR 12" UP TO A MAXIMUM HEIGHT OF 32". ALL PIERS OVER 32" HIGH MUST BE FILLED WITH TYPE S MORTAR. MAXIMUM HEIGHT FOR 8" X 8" FILLED PIER IS 6'-8". PIERS LARGER THAN 8" X 16" ARE NOTED ON PLANS AND MUST BE FILLED WITH TYPE S MORTAR. FOR ONE-STORY STRUCTURES, PIER CAPS ARE TO BE 4" SOLID MASONRY. FOR TWO-STORY STRUCTURES, PIER CAPS ARE TO BE 8" OF SOLID MASONRY.
3) FOOTINGS FOR 24" X 16" PIERS ARE 24" X 26" X 10" UNLESS NOTED OTHERWISE. REINFORCING IS TO BE AS NOTED ON PLANS.
4) INTERIOR THICKENED SLAB FOOTINGS WHICH OCCUR IN BASEMENTS AND SLAB ON GRADE FLOORS ARE 10" DEEP BY 16" WIDE WITH 2-#4 REINFORCING BARS RUNNING CONTINUOUSLY UNLESS NOTED OTHERWISE. THICKENED FOOTINGS ARE REQUIRED UNDER ALL BEARING WALLS.
5) ALL REBAR PLACEMENTS SHALL BE A MINIMUM OF 2'-0" UNLESS OTHERWISE NOTED.
6) SHALLOW FOUNDATIONS ARE DESIGNED FOR AN ASSUMED SOIL BEARING CAPACITY OF 2,000 PSF. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE ENGINEER OF RECORD IF ANY SOILS ARE FOUND TO BE UNSUITABLE FOR THIS BEARING CAPACITY. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING SOIL TESTING TO ENSURE THAT THE BEARING CAPACITY OF THE SOIL MEETS OR EXCEEDS THIS VALUE. ALL FILL IS TO BE COMPACTED TO 95% DENSITY AS MEASURED BY THE STANDARD PROCTOR TEST (ASTM D-998).

SPECIAL FOUNDATION CONSIDERATIONS

- 1) CAISSON FOUNDATIONS SHALL BE A MINIMUM OF 12" DIAMETER DRILLED UNREINFORCED CONCRETE CAISSONS. CAISSONS SHALL EXTEND TO A MINIMUM DEPTH PROVIDING 2' PENETRATIONS INTO GOOD ORIGINAL GROUND. DEPTH OF DRILLING IS LIMITED TO 15'. THEREFORE, NO FLOOR MATERIAL MORE THAN 15' DEEP IS SUITABLE FOR A CAISSON FOUNDATION. A CAISSON CANNOT BE USED IF WATER RISES IMMEDIATELY INTO A DRILLED HOLE. FILES WILL HAVE TO BE USED IN SUCH CASES.
2) TREATED WOOD PILES WITH A MINIMUM DIAMETER OF 6" AND A MINIMUM DESIGN LOAD OF SIX TONS ARE USED FOR ALL FOUNDATIONS WITH UNSUITABLE SOIL DEEPER THAN 15' OR WITH WATER IN DRILLED CAISSON HOLES. DRIVE PIER NORTH CAROLINA OR SOUTH CAROLINA CODE.
3) SIRES AND REINFORCING FOR FOOTING CAPS OVER CAISSONS OR PILES SHALL BE AS SHOWN ON PLANS.
4) CHIMNEY FOOTINGS ARE TO BE 12" LARGER THAN THE CHIMNEY FOOTPRINT BY 12" THICK.
5) FOUNDATION WALLS BACKFILLED WITH DIRT WHICH SUPPORT STRUCTURAL FRAMING SHALL BE CONSTRUCTED AS FOLLOWS:
A) BACKFILL TO BE A MAXIMUM OF 24" OR 8" BRICK WITH BUTYTHENE MEMBRANE WATERPROOFING ON EXTERIOR. FOOTINGS ARE TO BE 8" X 16" OR 8" X 24" AS NOTED ON THE PLAN.
B) FOR EARTH FILL 4" TO A MAXIMUM HEIGHT OF 9'; USE 8" X 24" FOOTING WITH #4 AT 16" DOUELS HOOKED IN FOOTING AND PROJECTING 18" ABOVE FOOTINGS. USE 12" CMU WALLS WITH #4 AT 16" VERTICAL BARS LOCATED 4" FROM NON-DIRT FILL FACE. LAP ALL SPLICES 12" AND USE DUK-O-WALL HORIZONTAL REINFORCING EVERY 8" IN CMU JOINTS. INSTALL 1/2" L-BAR WITH 24" LAGS IN EVERY OTHER JOINT HORIZONTALLY AT ALL CORNERS. IE, #3 CORNER BARS AT 16" O/C VERTICALLY. FILL ALL OPEN CELLS OF CMU WITH EITHER TYPE S OR M MORTAR OR FILL WITH 2500 PSI CONCRETE. INSTALL WATERPROOF BUTYTHENE MEMBRANE OR EQUAL.
C) IN LIEU OF THE PRECEDING DESIGN, BASEMENT WALLS MAY BE CONSTRUCTED IN ACCORDANCE WITH R404.1 OF THE CODE. HOWEVER, 24" X 24" #3 CORNER BARS SHALL BE INSTALLED AT 16" O/C VERTICALLY REGARDLESS OF THE WALL HEIGHT. ERECT ALL FRAMING BEFORE BACKFILLING.
6) FOR RETAINING WALLS WITHOUT FRAMING SEE SPECIAL DESIGN ON DRAWINGS.

FRAMING CONSTRUCTION - OTHER THAN ROOF

- 1) SEE TABLE R602.3(1) OF THE CODE FOR A FASTENER SCHEDULE FOR STRUCTURAL MEMBERS.
2) WOOD BEAMS SHALL BE SUPPORTED BY METAL HANGERS OF ADEQUATE CAPACITY WHERE FRAMING INTO BEAMS OR LEDGERS. THE ALLOWABLE LOAD CAPACITY OF THE HANGER SHALL BE EQUAL TO OR GREATER THAN THE LOAD SPECIFIED ON THE PLAN. WHERE NO LOAD IS SPECIFIED, THE "LIGHTEST" AVAILABLE HANGER FOR THE APPLICATION IS ACCEPTABLE.
3) CRAWL GIRDERS AND BAND WITH 4" CURTAIN WALL AND PIER CONSTRUCTION SHALL BE 2X 4 1/2 SOUTHERN YELLOW PINE #2 UNLESS NOTED OTHERWISE. MAXIMUM CLEAR SPANS ARE TO BE 4'-8" (6'-0" O/C SPACING OF PIERS). TO AVOID OBJECTIONABLE CRACKING IN FINISHED HARDWOOD FLOORS OVER ANY GIRDERS, USE THE FOLLOWING PROCEDURE:
A) NAILING
i) ALL FLOOR JOISTS MUST BE TOE-NAILED TO THEIR SUPPORT GIRDERS WITH A MINIMUM OF 3-8D NAILS AT EACH END. LARGER NAILS WILL SPILT AND RENDER THE TOENAIL INEFFECTIVE. NO END NAILING THROUGH THE GIRDER OR BAND IS PERMITTED.
ii) IF DROPPED GIRDERS ARE USED, END LAP ALL JOISTS AND SIDE NAIL EACH WITH A MINIMUM OF 3-8D NAILS AT EACH END OF EACH JOIST. LEDGER STRIPS SHOULD BE SPACED 3" APART AND NAILED WITH 3-16D NAILS AT EACH JOIST END.
iii) NAIL MULTIPLE MEMBER BUILT-UP GIRDERS WITH TWO ROWS OF 16D NAILS STAGGERED AT 32" O/C 2" DOWN FROM THE TOP AND 2" UP FROM THE BOTTOM WITH 3-8D NAILS AT EACH END OF EACH PIECE IN THE JOIST THROUGH THE MEMBERS MAKING UP THE MULTIPLE GIRDER.
iv) THIS NAILING PATTERN WILL ENSURE A TIGHT FLOOR FROM THE OUTSIDE OF THE HOUSE TO THE OUTSIDE SO THAT WHEN THE FRAMING SHRINKS DURING THE FIRST HEATING SEASON, THE SHRINKAGE WILL BE UNIFORMLY DISTRIBUTED OVER THE ENTIRE FLOOR. IF THE GIRDER NAILING PATTERN IS OMITTED, THEN THE SHRINKAGE WILL ACCUMULATE OVER THE GIRDERS AND AN OBJECTIONABLE CRACK WILL DEVELOP IN THE FINISHED HARDWOOD FLOOR OVER THE GIRDER LINE.
B) AT ALL GIRDERS WHERE THE JOISTS CHANGE DIRECTION, INSTALL BRIDGING AT 6' O/C FOR A MINIMUM OF SIX JOIST SPACINGS BEYOND ANY JOIST DIRECTION CHANGE. THIS WILL INSURE SHRINKAGE DISTRIBUTION OVER THE FLOOR AND NOT LET IT ACCUMULATE AT THE GIRDER.
C) THERE MUST BE WOOD BLOCKING THROUGH BOLTED TO THE STEEL BEAM WITH JOISTS TOE-NAILED OR ATTACHED TO THE BEAM WITH METAL HANGERS UNDER ANY HARDWOOD FLOORS THAT PASS OVER A STEEL BEAM SUPPORTING FLOOR JOISTS. THIS CONDITION OBTAINS OVER BASEMENT AREAS.
4) ALL OTHER LUMBER MAY BE SPRUCE #2 UNLESS NOTED OTHERWISE.
5) LAM BEAMS MUST HAVE 3-2X4 STUD JACKS UNDER EACH END SUPPORT UNLESS NOTED OTHERWISE.
6) MASONRY LINTELS
A) FOR SPANS UP TO 6'; USE 3 1/2" X 3 1/2" X 1/2" STEEL ANGLES.
B) FOR SPANS FROM 6' TO 10'; USE 5 1/2" X 3 1/2" X 5/16" STEEL ANGLES.
C) FOR SPANS FROM 9' TO 18'; USE A PAIR OF 3-GAUGE IRONS IN EACH OF THE FIRST 3 COURSES OF BRICK ON A 5 1/2" X 3 1/2" X 5/16" STEEL ANGLE. LAP ALL 3-GAUGE IRONS WITH A MINIMUM OF 12" AND EXTEND 18" INTO JAMBES TEMPORARILY SUPPORT THE STEEL ANGLES BEFORE LAYING MASONRY. THE SHORING MAY BE REMOVED FIVE DAYS FOLLOWING THE INSTALLATION OF MASONRY.
D) WHEN STRUCTURAL STEEL BEAMS WITH BOTTOM PLATES ARE USED TO SUPPORT MASONRY, THE BOTTOM PLATE MUST EXTEND THE FULL LENGTH OF THE STEEL BEAM AND BE SECURED TO THE END OF THE BEAM. THE BOTTOM PLATE MUST BE TEMPORARILY SHORED PRIOR TO LAYING THE MASONRY. THE SHORING MAY BE REMOVED FIVE DAYS AFTER LAYING THE MASONRY.
8) ALL BRICK VENEER OVER LOWER ROOFS (BRICK CLIMBS) MUST HAVE A STRUCTURAL ANGLE LAG SCREWED TO AN ADJACENT STUD WALL IN ACCORDANCE WITH DETAIL FOR BRICK STOPS PREVENT SLIDING OF BRICK.
9) ALL RAFTER BRACES MUST HAVE TWO STUDS FROM PLATE THROUGH ALL FLOORS TO THE FOUNDATION OR SUPPORTING BEAM BELOW. NO BRACES SHALL BE ATTACHED TO TOP WALL PLATE WITHOUT STUDS DIRECTLY UNDER THEM.

MATERIALS SPECIFICATIONS

- CONCRETE GENERAL NOTES
1) EXCEPT WHERE OTHERWISE NOTED, FOR ALL CONCRETE, THE PROPORTIONS OF CEMENT, AGGREGATE, AND WATER TO ATTAIN REQUIRED PLASTICITY AND COMPRESSIVE STRENGTH SHALL BE IN ACCORDANCE WITH ACI 318 CODE. CONCRETE SHALL BE 2800 PSI IN 28 DAYS FOR FOOTINGS AND 3000 PSI FOR WALLS, BEAMS, AND COLUMNS, UNLESS NOTED OTHERWISE.
2) BEFORE PLACING CONCRETE, ALL DEBRIS, WATER AND OTHER DELETERIOUS MATERIAL SHALL BE REMOVED FROM THE PLACES TO BE OCCUPIED BY THE CONCRETE. THE PLACING OF ALL CONCRETE SHALL BE IN ACCORDANCE WITH ACI 318 AND ASTM C94 REQUIREMENTS. PUMPING OF CONCRETE WILL BE PERMITTED ONLY WITH THE ENGINEER OF RECORD'S APPROVAL. OF PROPOSED CONCRETE MIX AND METHOD OF PUMPING. CONCRETE SHALL BE RAPIDLY HANDLED FROM THE MIXER TO FORMS AND DEPOSITED AS NEARLY AS POSSIBLE TO ITS FINAL POSITION TO AVOID SEGREGATION DUE TO REHANDLING. CONCRETE TO BE SPACED AND WORKED BY HAND AND VIBRATED TO ASSURE CLOSE CONTACT WITH ALL SURFACES OF FORMS AND REINFORCING STEEL AND LEVELLED OFF AT PROPER GRADE TO RECEIVE FINISH. ALL CONCRETE SHALL BE PLACED UPON CLEAN, DAMP SURFACES. VIBRATION SHALL BE APPLIED DIRECTLY TO THE CONCRETE AND SHALL BE SUFFICIENT TO CAUSE FLOW OF SETTLEMENT BUT NOT LONG ENOUGH TO CAUSE SEGREGATION OF THE MIX.
3) CONSTRUCTION JOISTS SHALL BE LOCATED IN ACCORDANCE WITH ACI 301. ALL REINFORCING STEEL SHALL BE CONTINUOUS ACROSS JOISTS. IN SLABS ON GRADE SAW CONTRACT JOISTS SHALL NOT BE OVER 20 FEET CENTER TO CENTER EACH WAY. JOISTS SHALL BE SAUN A DEPTH OF ONE-THIRD OF THE SLAB THICKNESS. SAWING OF THE JOISTS SHALL COMPLY AS SOON AS THE CONCRETE HAS HARDENED SUFFICIENTLY TO PERMIT SAWING WITHOUT EXCESSIVE RAVELING. FILL THE SAW CUTS WITH APPROVED JOINT FILLER AFTER THE CONCRETE HAS CURED.
4) CONCRETE, WHEN DEPOSITED, SHALL HAVE A TEMPERATURE NOT BELOW 50° F AND NOT ABOVE 90° F. THE METHODS AND RECOMMENDED PRACTICES AS DESCRIBED IN ACI 306 SHALL BE FOLLOWED FOR COLD WEATHER CONCRETING AND ACI 305 FOR HOT WEATHER CONCRETING.
5) FRESHLY PLACED CONCRETE SHALL BE PROTECTED FROM PREMATURE DRYING BY ONE OF THE FOLLOWING METHODS:
A) BRIDGING OR CONTINUOUS BRIDGING.
B) ABSORPTIVE MAT OR FABRIC KEPT CONTINUOUSLY WET.
C) WATERPROOF PAPER CONFORMING TO ASTM C711
D) APPLICATION OF AN APPROVED CHEMICAL CURING COMPOUND.
THE CURING SHALL CONTINUE UNTIL THE CUMULATIVE NUMBER OR DAYS WHEN THE AMBIENT TEMPERATURE ABOVE 50° F HAS TOTALED SEVEN. DURING CURING, THE CONCRETE SHALL BE PROTECTED FROM ANY MECHANICAL INJURY, LOAD STRESSSES, SHOCK, VIBRATION, OR DAMAGE TO FINISHED SURFACES.
6) REINFORCING STEEL BARS SHALL BE DEFORMED IN ACCORDANCE WITH ASTM A305 AND OR A408 OR FORMED OF ASTM A618-78 GRADE 60 STEEL. WELDED WIRE FABRIC REINFORCING TO BE ASTM A185 STEEL WIRE. ACCESSORIES SHALL CONFORM TO THE CRSI "MANUAL OF STANDARD PRACTICE". THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED OVER REINFORCING BARS:
A) EXPOSED TO EARTH 1 1/2"
B) EXPOSED TO WEATHER 1 1/2"
C) SLABS NOT EXPOSED TO WEATHER 3/4"
D) BEAMS AND COLUMNS 1 1/2"

MASONRY GENERAL NOTES

- 1) MASONRY WALLS ARE TO BE OF THE SIZES AND IN THE LOCATIONS SHOWN ON THE PLANS AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROVISIONS OF ACI 530.
2) HOLLOW LOAD BEARING UNITS: ASTM C90 MADE WITH LIGHTWEIGHT OR NORMAL WEIGHT AGGREGATES. GRADE NI UNITS SHALL BE PROVIDED FOR EXTERIOR AND FOUNDATION WALLS. GRADE NI OR S-I UNITS SHALL BE PROVIDED FOR OTHER LOAD-BEARING WALLS OR PARTITIONS.
3) CONCRETE BUILDING BRICK: ASTM C85 MADE WITH LIGHTWEIGHT OR NORMAL AGGREGATES. GRADE NI OR S-I EXCEPT THAT BRICK EXPOSED TO WEATHER SHALL BE NI.
4) MORTAR: ASTM C770-95, TYPE S PREPACKAGED MORTAR MIX WHICH SHALL NOT CONTAIN ANY NON-CEMENTITIOUS FILLERS COMBINED WITH MORE THAN THREE PARTS SAND PER ONE PART MTD.
5) REINFORCING STEEL: ASTM A618 GRADE 60 STEEL DEFORMED BARS WHERE INDICATED ON THE PLANS. WHEN REINFORCING BARS ARE INSTALLED IN THE CELLS OF CONCRETE MASONRY UNITS, THEY SHALL BE SECURED WITH WIRE TIES AT INTERVALS NOT EXCEEDING 24" O/C TO MAINTAIN THE BARS' LOCATION IN THE CELL. THE TOLERANCE FOR SPACING OR VERTICAL BARS IS 1/8" INCHES ALONG THE LENGTH OF THE WALL. THE TOLERANCE FOR THE DISTANCE BETWEEN THE FACE OF THE CONCRETE MASONRY UNIT AND THE CENTER OF THE BAR SHALL NOT EXCEED 1/8".
6) MORTAR PROTRUSION SHALL BE LESS THAN 1/4". A PROTRUSION OF 1/4" OR GREATER MUST BE REMOVED BEFORE GROUTING.
7) HORIZONTAL JOINT REINFORCEMENT: ASTM A82 FABRICATED FROM COLD DRAWN STEEL WIRE AND HOT DIP ZINC COATED (ASTM A183). IT SHALL CONSIST OF TWO OR MORE PARALLEL LONGITUDINAL WIRES 0.1875" IN DIAMETER WITH WELD-CONNECTED CROSS WIRES 0.1875" IN DIAMETER AT A MINIMUM OF 16" O/C. JOINT REINFORCEMENT IS TO BE INSTALLED IN EVERY OTHER COURSE AND IN THE FIRST TWO COURSES AT THE BOTTOM AND TOP OF WALL OPENINGS AND SHALL EXTEND NOT LESS THAN 24" PAST THE OPENING. SPLICES SHALL OVERLAP NOT LESS THAN 12".
8) EXECUTION: MASONRY UNITS SHALL BE LAID IN A RUNNING BAND PATTERN UNLESS NOTED OTHERWISE. THE WALLS SHALL BE CARRIED UP LEVEL AND PLUMB WITHIN THE TOLERANCES SPECIFIED IN ACI 530.1-88, SECTION 2.3.3.2. IF NONSTANDARD DIMENSIONS ARE ENCOUNTERED, BLOCK SHALL BE CUT WITH A MASONRY SAW TO FIT, NOT BY STRETCHING OR SHRINKING JOINTS. UNFINISHED WORK SHALL BE STEPPED BACK FOR JOINING WITH NEW WORK. TOOTHING WILL NOT BE PERMITTED EXCEPT WHERE SPECIFICALLY APPROVED. DAMAGED UNITS ARE TO BE CUT OUT AND NEW UNITS SET IN PLACE.
9) UNFINISHED WORK SHALL BE STEPPED BACK FOR JOINING WITH NEW WORK. TOOTHING WILL NOT BE PERMITTED EXCEPT WHERE SPECIFICALLY APPROVED. DAMAGED UNITS ARE TO BE CUT OUT AND NEW UNITS SET IN PLACE.
10) UNFINISHED WORK SHALL BE STEPPED BACK FOR JOINING WITH NEW WORK. TOOTHING WILL NOT BE PERMITTED EXCEPT WHERE SPECIFICALLY APPROVED. DAMAGED UNITS ARE TO BE CUT OUT AND NEW UNITS SET IN PLACE.
11) ALL WOOD JOISTS AND OPEN JOISTS MUST BE BRACED IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS PLUS DETAILS SHOWN ON PLANS. LOAD-BEARING PARTITIONS, JACKS, BEAMS AND COLUMN SUPPORTS MUST BE SOLID BLOCKED THROUGH FLOOR, TRUSSES AND FLYWOOD SHALL NOT CARRY CONCENTRATED POINT LOADS. JOIST MATERIAL SHOULD NOT BE USED AS BLOCKING UNDER CONCENTRATED POINT LOADS. ALL POINT LOADS MUST BE CARRIED TO FOUNDATIONS WITH ADEQUATE BLOCKING AND/OR BEAMS.
12) ALL STEEL COLUMNS WHERE POINT COLUMNS BEAR ON CONCRETE OR MASONRY, UNLESS OTHERWISE NOTED, A 5/8" X 6" X 1/2" X 6" X 5/8" X 3" 1/2" X 8" BASE PLATE SHALL BE USED TO SPREAD THE COLUMN LOAD ACROSS THE BEARING SURFACE. BASE PLATES SHALL BE BOLTED WITH AT LEAST TWO 1/2" DIAMETER ANCHOR BOLTS OR EXPANSION BOLTS TO CONCRETE OR MASONRY.
13) UNLESS NOTED OTHERWISE ON PLANS, ALL EXTERIOR FACING WALL STUDS TALLER THAN 10' SHALL BE CONSTRUCTED AS FOLLOWS:
A) WALLS 10' TO 12' HIGH: BALLOON FRAME 2 X 4 STUDS AT 12" O/C WITH 1/2" OSB SHEATHING AND 3 KING STUDS ON EACH SIDE OF EACH OPENING NAILED SECURELY TO THE HEADER.
B) WALLS 12' TO 20' HIGH: BALLOON FRAME 2 X 6 STUDS AT 16" O/C (1/2" OSB SHEATHING REQUIRED FOR WALL HEIGHTS > 17'). PROVIDE 24" X 16" LVL KING STUDS ON EACH SIDE OF OPENINGS 3' TO 6' WIDE AND 2X 4 KING STUDS FOR OPENINGS LESS THAN 3' WIDE. FASTEN KING STUDS REGULARLY TO ALL HEADERS WITH A MINIMUM OF 12-16D NAILS OR 4-3/8" DIAMETER LAG SCREWS EMBEDDED A MINIMUM OF 4" INTO THE HEADER.
C) GABLE END WALLS OR ROOMS WITH VAULTED CEILING JOISTS: BALLOON FRAME WALL AND PROVIDE TRIPLE KING STUD ON EACH SIDE OF OPENINGS, NAILED SECURELY TO THE HEADER.
D) TWO-STORY HIGH FOYER WALLS LESS THAN 9' WIDE: EXTEND 3" 1/2" X 9" PSL MEMBER WITH 3-2 X 4 FLAT PLATES ACROSS THE ENTIRE WALL. LOCATE THE BEAM NEAR MID-HEIGHT OF THE WALL AT OR NEAR FIRST FLOOR TOP PLATE. NOTE: SEE SPECIAL DESIGN OR ENGINEER FOR WALLS TALLER THAN 20', WHEN OPENINGS IN HIGH WALLS EXCEED 6' IN WIDTH, OR IF THE WALL CANNOT BE CONSTRUCTED USING ANY OF THE METHODS MENTIONED.
14) CONTINUOUS 2 X 6 BRIDGING SHALL BE NAILED TO EXTERIOR OR VERTICAL WEB MEMBERS OF ALL OPEN WEB FLOOR TRUSSES OVER 10' LONG. THEY SHALL BE INSTALLED NEAR MID-SPAN AS A LOAD DISTRIBUTION MEMBER. IF THE 2 X 6 BRIDGING IS NOT CONTINUOUS, LAG ENDS OF BRIDGING ONE TRUSS SPACE.
15) LOWER STUD WALLS FOR BUILDINGS OVER TWO STORIES, BUT NOT MORE THAN THREE STORIES
A) INTERIOR WALLS
i) LOAD BEARING 2 X 4 @ 12" O/C
ii) NON LOAD BEARING 2 X 4 @ 12" O/C
B) EXTERIOR WALLS
i) USE 2 X 6 @ 16" O/C WITH 1/2" X 4 X 8' PLYWOOD SHEATHING AT ALL CORNERS AND EVERY 25'; OR USE 2 X 4 @ 12" O/C WITH 1/2" PLYWOOD SHEATHING SOLID ON WALLS.
ii) HEADERS SHALL BE AS SHOWN UNLESS NOTED OTHERWISE.
16) INTERIOR AND EXTERIOR
A) SPANS UP TO 2'-6" 2X 4 @ 6/8
ii) SPANS 2'-6" TO 3'-6" 2X 4 @ 8/8
iii) SPANS 3'-6" TO 6'-6" 2X 4 @ 12/8
iv) SPANS 6'-6" OR MORE SEE PLAN.
17) HEADERS UNDER 2" SHALL HAVE A MINIMUM OF THREE KING STUDS ON EACH SIDE UNLESS NOTED OTHERWISE.
18) WHEN CEILING JOISTS ARE PARALLEL TO AN EXTERIOR WALL, TIE THE RAFTERS NEAR THE TOP PLATE TO CEILING JOISTS WITH A 2 X 6 STRONG-BACK. A MINIMUM OF 6' LONG AT 4 FEET ON CENTER ACROSS THE TOP OF THE CEILING JOISTS. 2 X 4 RAFTER TIES SHALL BE FASTENED TO THE SIDE OF THE RAFTER AND THE STRONG-BACK.
19) AT ALL EXTERIOR DIAGONAL WALL PANELS, EACH PANEL SHALL BE NAILED TO EACH ADJACENT PANEL WITH 5-16D NAILS OR TIED TOGETHER WITH METAL STRIPPING NAILED AT FOUR LOCATIONS BETWEEN FLOORS WITH A MINIMUM OF 2-16D NAILS INTO EACH PANEL AT EACH STRAP. THIS WILL AVOID VERTICAL CRACKING IN PANEL JOINTS DUE TO HORIZONTAL OSCILLATING PANELS.
20) AT ALL STAIRS, EVERY STUD AT EACH STRINGER MUST BE NAILED TO EACH STRINGER WITH A MINIMUM OF 2-16D NAILS. THIS WILL AVOID CRACKING BETWEEN WALLBOARD AND TOP OF BASE MOLDING DUE TO VERTICAL OSCILLATION OF STAIR STRINGERS.
21) ROOF TRUSSES THAT HAVE NON-BEARING PARTITIONS PASSING UNDER THEM SHOULD BE NAILED TO THE PARTITION PLATES TO AVOID CEILING-WALL CRACKING.
22) ROOF TRUSSES CLOSE TO SIDE WALLS FRAMING AND USED AS DEAD WOOD FOR SHEETROCK BOARD SHOULD BE NAILED TO THE WALL FRAMING TO PREVENT CEILING-WALL CRACKING.
23) ALL STRUCTURAL FRAMING LUMBER EXPOSED DIRECTLY TO THE WEATHER OR BEARING DIRECTLY ON EXTERIOR MASONRY PIERS OR CONCRETE SHALL BE TREATED. ALL WOOD IN CONTACT WITH THE GROUND IS TO BE GROUND-CONTACT APPROVED. ALL WOOD EXPOSED DIRECTLY TO THE WEATHER SHALL BE PROTECTED TO PREVENT THE OCCURRENCE OF ROT.
24) UNLESS OTHERWISE DETAILED, ALL STICK-BUILT "FALSE CHIMNEYS" SHALL BE CONSTRUCTED WITH 2 X 4 STUDS AT 12" O/C. BALLOON-FRAMED FROM ATTIC CEILING OR FLOOR. FASTEN 15/32" GDX PLYWOOD ON ALL SIDES OF THE CHIMNEY ALONG THE FULL LENGTH OF THE STUDS. FASTEN EACH STUD TO THE SUPPORTING BEAM OR CEILING JOIST WITH A 1 1/2" X 24" 18-GAUGE METAL STRAP OR A SIMILAR CONNECTOR.
25) ITEM UNCHANGED, BUT MOVED FROM UNDER #14 ON OLD PAGE 2.
NOTE: ALL POINT LOADS FROM ROOF BRACES, JACK STUDS, BEAMS AND COLUMN SUPPORTS - WHETHER WOOD OR STEEL - CANNOT BEAR ON SHEATHING ALONE. BLOCKING EQUAL TO OR BETTER THAN THE POINT LOAD SUPPORTS ABOVE MUST BE CARRIED THROUGH ALL CONSTRUCTION TO THE FOUNDATION.
26) NOTE TO APPLY TO ALL HARD COAT STUCCO EXTERIOR FINISHES:
A) JOISTS ARE NECESSARY AT THE FOLLOWING LOCATIONS:
i) HORIZONTALLY AT EACH FLOOR LINE.
ii) NO AREAS LARGER THAN 1/4 S.F. SURFACE EXPOSED.
iii) NO DIMENSION LONGER THAN 18".
iv) NO DIMENSION LONGER THAN 2 1/2 TIMES THE SHORTEST DIMENSION.
B) DRIP SCREED REQUIRED AT THE BOTTOM OF ALL WALLS 2" ABOVE PAVED AREAS AND 4 ABOVE GRADE.
C) SEE ASTM 908 AND 1063 FOR FURTHER INFORMATION.
D) APPLICATION OF AN APPROVED CHEMICAL CURING COMPOUND.
THE CURING SHALL CONTINUE UNTIL THE CUMULATIVE NUMBER OR DAYS WHEN THE AMBIENT TEMPERATURE ABOVE 50° F HAS TOTALED SEVEN. DURING CURING, THE CONCRETE SHALL BE PROTECTED FROM ANY MECHANICAL INJURY, LOAD STRESSSES, SHOCK, VIBRATION, OR DAMAGE TO FINISHED SURFACES.

DESIGN CRITERIA

- 1. DEAD LOADS ARE ALL DEAD LOADS PLUS:
A. SLEEPING ROOMS 30 PSF
B. ALL OTHER FLOORS 40 PSF
C. BALCONIES 60 PSF
D. ATTIC FLOOR LIVE LOADING WITH THE FOLLOWING:
i. AREA ACCESSIBLE BY STAIRS 40 PSF
ii. ROOF SLOPES 33/12 20 PSF
iii. ROOF SLOPES 3/12 10 PSF
E. ROOF LIVE LOAD 20 PSF
F. WIND LOAD 15 MPH
G. SNOW LOAD 20 PSF
H. SEISMIC ZONE C

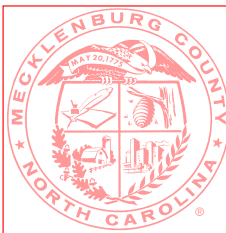
ROOF CONSTRUCTION

- 1) ALL ROOF TRUSSES MUST BE BUILT IN ACCORDANCE WITH TRUSS MANUFACTURERS' REQUIREMENTS. TIE-DOWN CONNECTIONS TO RESIST UPLIFT SHALL BE INSTALLED WHERE REQUIRED. WHEN ROOF TRUSS MANUFACTURERS DO NOT PROVIDE THE REQUIRED CONNECTIONS, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ROOF TRUSS ENGINEER OR THE ENGINEER OF RECORD TO PROVIDE AN ADEQUATE CONNECTION.
2) IN ADDITION TO THE CODE'S FASTENER SCHEDULE, UNLESS NOTED OTHERWISE ON THE PLAN, ROOF MEMBERS SHALL BE TIED DOWN WITH ADDITIONAL METAL CONNECTORS AS FOLLOWS:
A) STICK-FRAMED RAFTER MEMBERS EXCEEDING 10' IN LENGTH, AS MEASURED FROM THEIR HORIZONTAL PROJECTION, AND ALL ROOFS OVER UNENCLOSED AREAS SUCH AS PORCHES USE SIMPSON H2S CONNECTORS EVERY 4' OR AT EVERY THIRD RAFTER TO FASTEN THE LOWER END OF THE RAFTER TO THE TOP PLATE.
B) ALL LOWER ENDS OF VALLEY AND HIP MEMBERS WHICH BEAR ON A TOP PLATE USE A SIMPSON HCP OR EQUIVALENT CONNECTOR. RAFTERS SHALL BE 2 X 6 AT 16" O/C SPRUCE-PINE-FUR #2 FOR SHINGLES EXCEPT AS NOTED. THEY ARE TO BE CUT INTO HIPs, RIDGES, ETC., UNLESS NOTED OTHERWISE. TILE, SLATE AND OTHER HEAVY ROOF COVERINGS SHALL USE 2 X 8 AT 16" O/C SPRUCE-PINE-FUR #2 RAFTERS UNLESS NOTED OTHERWISE.
C) COLLAR TIES SHALL BE 2 X 6 AT 48" O/C AT ALL RIDGES UNLESS NOTED OTHERWISE AND LOCATED A NOMINAL 3" BELOW THE RIDGE. VAULTED CEILINGs REQUIRE SPECIAL COLLAR TIE OR RIDGE BEAM DETAIL. SEE THE END OF TABLE R602.5.1 IN THE CODE UNLESS OTHERWISE DETAILED ON THE PLAN.
D) A MINIMUM OF THREE COLLAR TIES SHALL BE USED AT ALL RIDGES EVEN IF TWO TIES MUST BE PUT ON ONE SET OF RAFTERS.
E) ALL HIPs AND RIDGES ARE A SIZE LARGER THAN RAFTERS UNLESS NOTED OTHERWISE.
1) ALL HOGS ON CEILING JOISTS OR RAFTERS ARE 12' LONG AND 2 X 6'S UNLESS NOTED OTHERWISE. RAFTERS MAY BE SPLICED OVER HOGs. SPLICE RAFTER HOGs ONLY AT A ROOF BRACE.
2) GABLE END FRAMING MUST BE BRACED PARALLEL TO RIDGES WITH A MINIMUM OF 2 X 6 DIAGONAL BRACES AT 6' O/C ALONG THE GABLE WALL TO INTERIOR CEILING JOISTS. BRACES TO BEAR ON 2 X 6 HOGs AND TO THE GABLE WALL AT APPROXIMATELY MID-HEIGHT OF GABLE WALLS. BRACES SHALL BE AT AN ANGLE OF APPROXIMATELY 45°. OTHER BRACINGS MAY BE USED WITH THE DESIGN ENGINEER'S APPROVAL.
3) GABLE END FRAMING MUST BE BRACED PARALLEL TO RIDGES WITH A MINIMUM OF 2 X 6 DIAGONAL BRACES AT 6' O/C ALONG THE GABLE WALL TO INTERIOR CEILING JOISTS. BRACES TO BEAR ON 2 X 6 HOGs AND TO THE GABLE WALL AT APPROXIMATELY MID-HEIGHT OF GABLE WALLS. BRACES SHALL BE AT AN ANGLE OF APPROXIMATELY 45°. OTHER BRACINGS MAY BE USED WITH THE DESIGN ENGINEER'S APPROVAL.
4) CEILING JOISTS WHEN ERECTED PARALLEL TO RAFTERS MUST BE 8/16TER TO RAFTERS AND NAILED WITH 3-16D NAILS AT EACH RAFTER. IF A KNEEWALL IS USED AND CEILING JOISTS CANNOT TOUCH RAFTERS, THEN RAFTERS MUST BE TIED TO THE CEILING JOISTS USING 2 X 4 OR 1 X 6 RAFTER TIES SPACED NO MORE THAN 4' ON CENTER.
D) ALL RAFTER BRACES ARE 2 X 4 NAILED WITH 16D PENNY NAILS AT 9" O/C VERTICALLY FROM TOP TO BOTTOM. BRACES LONGER THAN 10' MUST BE BRACED HORIZONTALLY IN TWO DIRECTIONS AT MID-HEIGHT.
E) MAXIMUM SPACING OF ROOF BRACES IS TO BE AS FOLLOWS:
i) FOR 2 X 6 HOG 6'-0" O/C
ii) FOR 2 X 8 HOG 7'-6" O/C

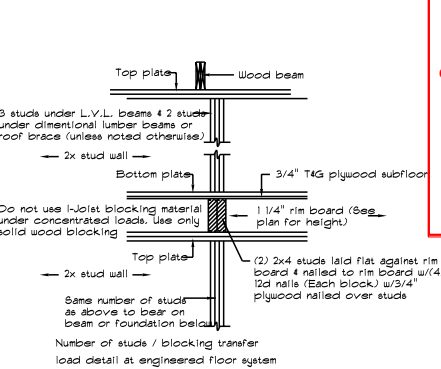
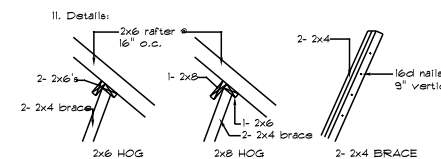
LUMBER GENERAL NOTES

- 1) ALL COMMON FRAMING LUMBER IS TO MEET THE FOLLOWING MINIMUM SPECIFICATIONS AT 19% MOISTURE CONTENT:
MATERIAL FB (PSI) FT (PSI) FC (PSI) PERP. E (PSI)
* 2 SPRUCE PINE FUR 875 450 425 1,400,000
SOUTHERN YELLOW PINE 1150 600 480 1,600,000
2) ALL STRUCTURAL COMPOSITE LUMBER (LVL, LSL, PSL) IS TO MEET THE FOLLOWING MINIMUM SPECIFICATIONS:
APPLICATION FB (PSI) FC (PSI) PARALLEL FC (PSI) PERP. E (PSI)
GIRDERS 4 BEAMS (LVL,PSL) 2,600 2,310 600 1,900,000
COLUMNS (LSL) & RIMBOARDS 1,700 1,400 480 1,300,000
3) ALL GLUE LAMINATED TIMBER (GLU-LAM) IS TO MEET THE FOLLOWING MINIMUM SPECIFICATIONS:
APPLICATION FB (PSI) FC (PSI) PARALLEL FC (PSI) PERP. E (PSI)
GIRDERS 4 BEAMS 2,400 1,700 740 1,100,000
COLUMNS 1,600 1,850 560 1,800,000
4) OPEN WEB FLOOR TRUSSES:
APPLICATION FB (PSI)
TOP & BOTTOM CHORDS 2,500
COLUMNS (LSL) & RIMBOARDS 950 1.9E MSR LUMBER 1.4E LUMBER
5) WHERE THREE OR FOUR-PLY "LAM" BEAMS ARE SIDE-LOADED (JOISTS FRAME INTO THE SIDE AT THE OUTSIDE FLIES), FASTEN ALL PLYS TOGETHER WITH TWO ROWS OF 1/2" DIAMETER BOLTS AT 16" O/C. THE BOLTS SHALL BE LOCATED A MINIMUM OF 2 1/2" AND A MAXIMUM OF 3 1/2" FROM THE TOP OR BOTTOM OF THE BEAM.
6) BUILT-UP WOOD COLUMNS CONSISTING OF MULTIPLE STUDS SHALL HAVE EACH LAMINATION NAILED WITH 16D NAILS AT 9" O/C.

PLANS PERMITTED IN NORTH CAROLINA ARE DESIGNED TO MEET THE 2018 NORTH CAROLINA RESIDENTIAL BUILDING CODE, LATEST EDITION UNAMENDED AS ISSUED BY THE STATE OF NORTH CAROLINA.
PLANS PERMITTED IN SOUTH CAROLINA DESIGNED TO MEET 2018 INTERNATIONAL RESIDENTIAL BUILDING CODE AS ISSUED BY THE STATE OF SOUTH CAROLINA WITH MODIFICATIONS AS REQUIRED TO MEET LOCAL BUILDING CODES FOR EACH APPLICABLE JURISDICTION.
REFER TO THE RELEVANT CODE FOR ANY ADDITIONAL INFORMATION NOT COVERED IN THESE NOTES OR THE DESIGN. ENGINEERING DESIGN IS FOR STRUCTURAL INFORMATION ONLY. THE ENGINEER OF RECORD DOES NOT ACCEPT RESPONSIBILITY FOR DIMENSION ERRORS, ARCHITECTURAL ERRORS, DETAILING OF WATERPROOFING, PLUMBING, ELECTRICAL OR MECHANICAL INFORMATION OR ANY PART OF THE PLAN NOT RELEVANT TO THE STRUCTURAL INFORMATION.



MECKLENBURG COUNTY CODE ENFORCEMENT
Residential Plan Review Disclaimer: A limited plan review for compliance with the NC State Residential Code was performed on these plans. It is the responsibility of the Contractor to construct this project using good engineering practices and in full compliance with the North Carolina Residential Code, local ordinances, and State regulations.



APPROVED 07/01/2024
UNDER A LIMITED REVIEW FOR COMPLIANCE WITH THE 2018 NC RESIDENTIAL CODE. THIS APPROVAL SHALL NOT BE CONSTRUED TO PERMIT ANY VIOLATIONS OF LOCAL, STATE, OR FEDERAL LAWS.
PLANS REVIEWED BY: Ed Calhoun

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R. HOPKINS

GENERAL NOTES

REVISIONS:
DRAWN DATE: 05/16/2023

9251 MISENHEIMER RD
CHARLOTTE, NC



RESIDENTIAL STRUCTURES, P.C.
3410 N. Davidson St.
Charlotte, N.C. 28205
Seal For Structural Only

