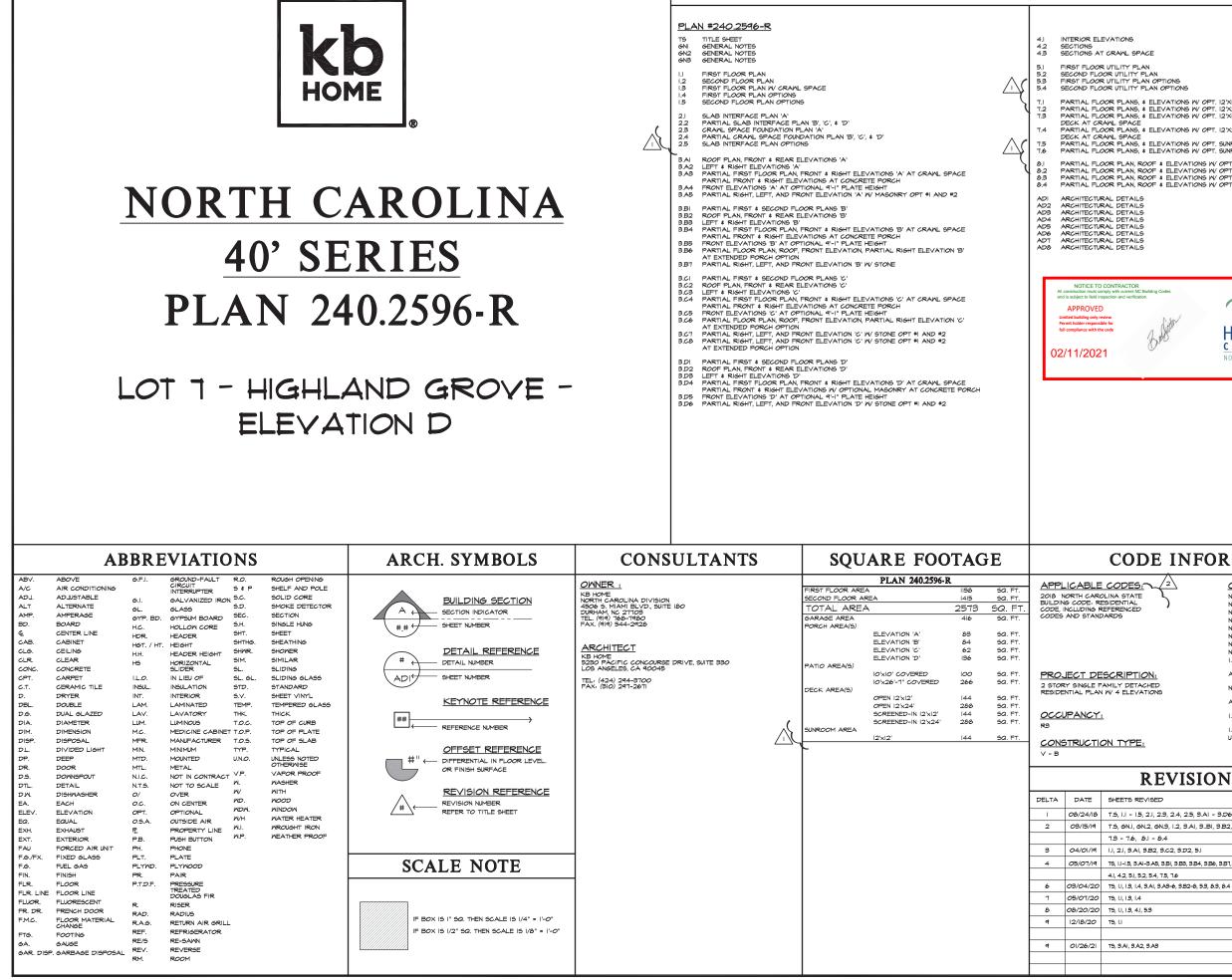
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# GENERAL REQUIREMENTS

- THE WORD 'CONTRACTOR' AS USED HEREIN SHALL MEAN THE GENERAL CONTRACTOR, SUBCONTRACTORS AND ALL PERSONS DIRECTLY OR INDIRECTLY EMPLOYED BY ANY OF THEM.
- CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH THE FOLLOWING APPLICABLE CODE REQUIREMENTS:
  - ALL LANG, STATUTES, THE MOST RECENT BUILDING CODES, ORDINANCES, RULES, REGULTIONS, AND LANFUL ORDERS OF A FUELIC AUTORITIES HAVING JURISDICTION OVER OWNER, CON-TRACTOR, ANY SUBCONTRACTOR, THE PROJECT, THE PROJECT SITE, THE WORK, OR THE PROSECUTION OF THE WORK. OF ALL
  - THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT AND ALL OTHER APPLICABLE CODE REQUIREMENTS RELATING TO SAFETY.
  - THE FAIR HOUSING AMENDMENTS ACT, THE AMERICANS WITH DISA-BILITIES ACT, AND ALL OTHER APPLICABLE CODE REQUIREMENTS RELATING THERETO.
- CONTRACTOR SHALL CAREFULLY STUDY AND REVIEW THE CONSTRUCTION DOCUMENTS AND INFORMATION FURNISHED BY OWNER, AND SHALL PROMPLY REPORT IN WRITING TO OWNERS REPRESENTATIVE ANY ERRORS, INCONSISTENCIES, OR OMISSIONS IN THE CONSTRUCTION DOCU-MENTS OR INCONSISTENCIES WITH APPLICABLE CODE REQUIREMENTS OBSERVED BY THE CONTRACTOR.
- IF CONTRACTOR PERFORMS WORK WHICH HE KNOWS OR SHOULD KNOW IS CONTRARY TO APPLICABLE CODE REQUIREMENTS, WITHOUT THE AGREEMEN OF OWNER, CONTRACTOR SHALL BE RESPONSIBLE FOR SUCH WORK AND SHALL BEAR THE RESULTANT LOSSES, INCLUDING, WITHOUT LIMITATION, THE COSTS OF CORRECTING DEFECTIVE WORK.
- CONTRACTOR SHALL PROVIDE CERTIFICATES OF INSURANCE ACCEPTABLE TO OWNER PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR SHALL TAKE FIELD MEASUREMENTS, VERIFY FIELD CONDITIONS, AND CAREFULLY COMPARE WITH THE CONSTRUCTION DOCUMENTS SUCH FIELD MEASUREMENTS, CONDITIONS, AND OTHER NFORMATION KNOWN TO CONTRACTOR BEFORE COMMENCING THE WORK ERRORS, INCONSISTENCIES, OR OMISSIONS DISCOVERED AT ANY TIME SHALL BE PROMPTLY REPORTED IN WRITING TO THE OWNER.
- CONTRACTOR SHALL PROMPTLY NOTIFY OWNER'S REPRESENTATIVE IF CONTRACTOR SHALL FROM ILL NOTIFIC TONIER'S REPRESENTATIVE IF CONTRACTOR BECOMES AWARE DURING THE PERFORMANCE OF THE WORK THAT THE CONSTRUCTION DOCUMENTS ARE NOT IN COM-PLIANCE WITH APPLICABLE CODE REQUIREMENTS.
- 8. BY SUBMITTAL OF BID. CONTRACTOR WARRANTS TO OWNER THAT ALL MATERIALS AND EQUIPMENT TO BE FURNISHED ARE NEW UNLESS NOTED OTHERWISE AND ALL WORK WILL BE OF GOOD QUALITY AND FREE FROM FAULTS AND DEFECTS.
- SUB-CONTRACTORS SHALL INSURE THAT ALL MORK IS DONE IN A PROFESSIONAL WORKMANLIKE MANNER BY SKILLED MECHANICS AND SHALL REPLACE ANY MATERIALS OR ITEMS DAMAGED BY SUB-CONTRACTORS PERFORMANCE: SUB-CONTRACTORS AND SUPPLIERS ARE HEREBY NOTIFIED THAT THEY ARE TO CONFRE AND COOPERATE FULLY WITH EACH OTHER DURING THE CORSE OF CONSTRUCTION TO DETERMINE THE EXACT EXTENT AND OVERLAP OF EACH OTHERS WORK AND TO SUCCESSFULLY COMPLETE THE EXECUTION OF THE WORK. ALL SUB-CONTRACTOR WORKMANSHIP SHALL BE OF QUALITY TO PASS INSPECTIONS BY LOCAL AUTHORITIES, LENDING INSTITUTIONS, ARCHITECT OR BUILDER. ANY ONE OR ALL OF THE ADOVE MENTIONED INSPECTORS MAY INSPECT MORKMANSHIP AT ANY TIME, AND CORRECTIONS INSPECTORS OF HISDECT HORKMANSHIP AT ANY TIME, AND CORRECTIONS INSPECTORS OF HISDECT HORKMANSHIP AT ANY TIME, AND CORRECTIONS INSPECTORS OF HISDECT HORKMANSHIP AT ANY TIME, AND CORRECTIONS INSPECTORS OF HISDECT HORKMANSHIP AT ANY TIME, AND CORRECTIONS INSPECTORS OF HISDECT HORKMANSHIP AT ANY TIME, AND CORRECTIONS INSPECTORS OF HISDECT HE GUALITY OF BUILDING WILL BE FORE CONTRACTORS OF HISDECT HER SUB-CONTRACT AGREEMENT, SHALL BE RESPONSIBLE FOR CLEANING UP AND REMOVING FROM THE JOB SITE ALL TRASH AND DEBRIS NOT LEFT BY OTHER SUB-CONTRACTORS, BUILDER HILL DETERMINE HOW SOON AFTERS SUB-CONTRACTORS, BUILDER HILL DETERMINE HOW SOON AFTERS SUB-CONTRACTORS, BUILDER HILL DETERMINE HOW SUB-CONTRACTORS SHALL INSURE THAT ALL WORK IS DONE IN A SOON AFTER SUBCONTRACTOR COMPLETES EACH PHASE OF HIS WORK THAT TRASH AND DEBRIS WILL BE REMOVED FROM THE SITE.
- APPROVAL BY THE BUILDING INSPECTOR DOES NOT MEAN APPROVAL OR 10. ALLOWABLE FAILURE TO COMPLY WITH THE PLANS AND SPECIFICATIONS. ANY DESIGN WHICH FAILS TO BE CLEAR OR IS AMBIGUOUS MUST BE REFERRED TO THE ARCHITECT OR ENSINEER FOR INTERPRETATION OR CLARIFICATION
- ALL EQUIPMENT AND MATERIALS FURNISHED AND INSTALLED UNDER THESE PLANS SHALL BE GUARANTEED BY THE CONTRACTOR FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE OF THE WORK BY OWNER UNLESS STIPULATED OTHERWISE.
- ALL TRADE NAMES AND BRAND NAMES CONTAINED HEREIN ESTABLISH QUALITY STANDARDS. SUBSTITUTIONS ARE PERMITTED, WITH PRIOR APPROVAL BY THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL SUBMIT FOR THE ARCHITECT'S AND BUILDER'S APPROVAL ALL MATERIALS OR EQUIPMENT WHICH IS CONSIDERED "OR EQUAL" TO THAT SPECIFIED. 12.
- CONSTRUCTION DOCUMENTS IDENTIFIED AS "BID SET" ON ANY OR ALL SHEETS MAY DE SUBJECT TO REVIEW. THIS REVIEW MAY RESULT IN CHANGES WHICH MAY DE MADE TO THE PLANS PRIOR TO THE ISSUANCI OF THE FINAL CONSTRUCTION SET WHICH WILL CONTAIN NO "BID SET" DESIGNATIONS. CONSTRUCTION DOCUMENTS IDENTIFIED AS "BID SET" ARE NOT TO BE CONSTRUCTION DOCUMENTS IDENTIFIED AS "BID SET" DRIVED AS DELIGION SET KONSTRUCTION DECOMENTS ON THE ISSUE DRAWINGS AND THEY SHOULD NOT IN ANY WAY BE USED AS SUCH.
- ALL STANDARD NOTES CONTAINED HEREIN ARE TYPICAL UNLESS NOTED OTHERWISE.
- TYPICAL DETAILS AND SPECIFICATIONS ARE MINIMUM REQUIREMENTS TO BE USED WHEN CONDITIONS ARE NOT SHOWN OTHERWISE.
- SPECIFIC NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS, WHERE NO DETAILS ARE SHOWN CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT.
- SEE ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS FOR PITS, TRENCHES, ROOF OPPNINGS, DEPRESSIONS, 17. ETC. NOT SHOWN ON THE OTHER DRAWING
- 18. THE CONSTRUCTION DOCUMENTS AND ALL COPIES THEREOF FURNISHED TO CONTRACTOR ARE THE PROPERTY OF THE ARCHITECT AND ARE NOT TO BE USED ON OTHER WORK.

# SITE WORK

- CONTRACTOR SHALL INVESTIGATE SITE DURING CLEARING AND EARTHWORK OPERATIONS FOR FILLED EXCAVATIONS OR BURIED STRUCTURES SUCH AS CESSPOOLS, CISTERNS, FOUNDATIONS, ETC., AND BURIED ARTIFACTS SUCH AS INDIAN OR DINOSAUR BONES ANY SUCH ITEMS ARE FOUND THE ARCHITECT, CIVIL ENGINEER, AND SOILS ENGINEER SHALL BE NOTIFIED IMMEDIATELY
- 2. CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO FULLY PROTECT ADJACENT PROPERTIES
- REFER TO THE SOILS REPORT AS PREPARED BY THE GEOTECHNICAL З. ENGINEER
- 4. REFER TO CIVIL ENGINEER'S CURRENT GRADING AND PLOT PLANS.

# SITE WORK (continued)

- REFER TO THE LANDSCAPE ARCHITECT'S CURRENT GRADING PLAN AND CONSTRUCTION DOCUMENTS.
- ALL FOOTINGS SHALL REST ON FIRM NATURAL SOIL OR APPROVED COMPACTED FILL. REFER TO GEOTECHNICAL REPORT.
- EXCAVATIONS FOR FOOTINGS SHALL BE MADE TO THE WIDTH, LENGTH, AND DEPTH REQUIRED AND FINISHED WITH LEVEL BOTTOMS.
- EXCAVATIONS SHALL BE KEPT FREE OF STANDING WATER
- WHERE EXCAVATIONS ARE MADE TO A DEPTH GREATER THAN INDICATED, SUCH ADDITIONAL DEPTH SHALL BE FILLED WITH CONCRETE AS SPECIFIED FOR FOOTINGS.
- FILL MATERIALS SHALL BE FREE FROM DEBRIS, VEGETABLE MATTER AND OTHER FOREIGN SUBSTANCES. 10.
- II. ALL FINISH GRADES TO DRAIN AWAY FROM THE BUILDING FOOTINGS. 12. THERE SHALL BE NO ON-SITE WATER RETENTION.
- 13. THERE SHALL BE NO DRAINAGE TO ADJACENT PROPERTY
- FOR ONSITE CONTSPUCTION, PLANS TO COMPLY WITH NECESSARY INSPECTIONS APPROVED BY THE BUILDING OFFICIAL. 14
- THE REQUIREMENTS IN THESE NOTES ARE THE MINIMUM THAT SHALL BE THE REQUIREMENTS OF THE STRUCTURAL DRANINGS THAT EXCEED THE REQUIREMENTS SHOWN HERE SHALL BE MET.

# CONCRETE

З.

- REFER TO STRUCTURAL ENGINEERING CALCULATIONS AND SOILS REPORT FOR THE PERFORMANCE REQUIREMENTS FOR CONCRETE FOUNDATIONS.
- CONCRETE SHALL BE PROPORTIONED TO PROVIDE AN AVERAGE 2. COMPRESSIVE STRENGTH AS PRESCRIBED IN THE N.C.-R, AS WELL AS SATISFY THE DURABILITY CRITERIA OF THE N.C.-R
- MIXING OF CONCRETE SHALL BE PERFORMED IN ACCORDANCE WITH ACI 318, SECTION 5.8
- THE DEPOSITING OF CONCRETE SHALL COMPLY WITH THE PROVISIONS ACI 318. SECTION 5.10.
- THE CURING OF CONCRETE SHALL BE IN ACCORDANCE WITH 5. ACI 318. SECTION 5.11
- ALL FORM WORK SHALL BE DESIGNED, CONSTRUCTED, UTILIZED, AND
- CONDUIT, PIPES AND SLEEVES OF ANY MATERIAL NOT HARMFUL TO CONCRETE AND NITHIN THE LIMITATIONS OF ACI 318, SECTION 6.3, ARE PERMITTED TO BE EMPEDDED IN CONCRETE WITH APPROVAL OF THE REGISTERED DESIGN PROFESSIONAL.
- CONSTRUCTION JOINTS INCLUDING THEIR LOCATION SHALL COMPLY WITH THE PROVISIONS OF ACI 318, SECTION 6.4.
- ALL STEEL REINFORCING OF CONCRETE SHALL BE DONE IN ACCORDANCE WITH THE N.C.-R
- TOP OF CONCRETE SLABS TO BE A MINIMUM 4" W/ MASONRY VENEER 6" ELSEWHERE (3" HJ.D.) ABOVE FINISH GRADE. 10.
- FOUNDATION WIDTHS, DEPTHS, AND REINFORCING, AS SHOWN ON PLANS, ARE SUPERCEDED BY ANY LOCAL CODES OR ORDINANCES WHICH REQUIRE INCREASES OF THE SAME.
- 12 ALL REINFORCEMENT, CONDUIT, OUTLET BOXES, ANCHORS, HANGERS ALL REINFORCEMENT, CONDUCT, DUILET SOUCES, ANOHORS, HANGERS, SLEEVES, BOLTS OR OTHER EMEEDDED MATERIALS AND ITHEM MUST BE SECURED AND APPROPRIATELY FASTENED IN THEIR PROPER LOCATIONS PRIOR TO THE FLACEMENT OF CONCRETE. SUB-CONTRACTOR SHALL VERIEY INSTALLATION OF HOLD-DOWNS, ANCHOR BOLTS, PA STRAPS, AND OTHER ANCHORAGE MATERIAL AND ITEMS PRIOR TO PLACEMENT OF CONCRETE.
- POST-TENSION SLABS, IF APPLICABLE 13.
- POINT AND LINE LOADS FROM STRUCTURE ABOVE TO BE PROVIDED TO POST-TENSION ENGINEER PRIOR TO POST-TENSION DESIGN.
- ANCHOR BOLTS AND OTHER HARDWARE TO BE SHOWN ON POST-TENSION PLANS TO AVOID MIS-LOCATION OF HARDWARE AND POSSIBLE FIELD FIXES WHICH MAY CUT TENDONS. В.

# MASONRY

- ALL MASONRY DESIGN SHALL FOLLOW THE REQUIREMENTS OF THE CURRENT ADOPTED CODES.
- ANCHORED MASONRY VENEER SHALL COMPLY WITH THE PROVISIONS OF N.C.-R, AND SECTIONS 6.1 AND 6.2 OF 530/ASCE 5/TMS 402.
- STONE VENEER UNITS NOT EXCEEDING 5 INCHES IN THICKNESS SHALL BE ANCHORED DIRECTLY TO MASONRY, CONCRETE OR TO STUD CONSTRUCTION BY ONE OF THE APPROVED METHODS LISTED IN THE N.C.-R
- MORTAR FOR USE IN MASONRY CONSTRUCTION SHALL COMPLY WITH ASTM C 270. THE TYPE OF MORTAR SHALL BE IN ACCORDANCE NITH THE NC.-R AND SHALL MEET THE FROPROTION SPECIFICATIONS OR THE PROPERTY SPECIFICATIONS OF ASTM C 270
- GROUT SHALL CONSIST OF FIBER CEMENT MATERIAL AND AGGREGATE IN ACCORDANCE WITH ASTM C 476 AND THE PROPORTION SPECIFICATIONS PER THE N.C.-R
- AGGREGATES FOR MORTAR AND GROUT SHALL BE NATURAL SAND AND ROCK CONFORMING TO A.S.T.M. C-144-04 (MASONRY MORTAR, MORTAR) AND C-404-07 (GROUT).
- CEMENT SHALL BE PORTLAND CEMENT CONFORMING TO A.S.T.M. C 150
- 8. ALL BRICK SHALL CONFORM TO A.S.T.M. C 216, GRADE MW
- UNLESS SPECIFICALLY SHOWN OTHERWISE ALL BRICK SHALL BE LAID
- IO. ANCHORS, TIES AND WIRE FABRIC SHALL CONFORM TO N.C.-R.
- ANCHOR TIES AND WIRE FABRIC FOR USE IN MASONRY WALL CONSTRUCTION SHALL CONFORM TO THE N.C.-R.

# METALS

- REFER TO STRUCTURAL NOTES AND SPECIFICATIONS FOR STRUCTURAL STEEL, METAL AND REINFORCING STEEL SPECIFICATIONS.
- ALL STRUCTURAL STEEL SHALL CONFORM TO AISC/CRED 2.
- ANCHOR RODS SHALL BE SET ACCURATELY TO THE PATTERN AND DIMENSIONS CALLED FOR ON THE PLANS. THE PROTRUSION OF THE THREADED ENDS THROUGH THE CONNECTED MATERIAL BHALL BE SUFFICIENT TO FULLY ENGAGE THE THREADS OF THE NTS, BUT SHALL NOT BE GREATER THAN THE LENSTH OF THE THREADS ON THE BOLTS
- FASTENERS FOR PRESERVATIVE-TREATED AND FIRE-RETARDANT-TREATED MOOD SHALL BE OF HOT-DIPPED ZINC COATED GALVANIZED STEEL, STAINLESS STELL, SILLCON BRONZE OR COPPERY VERIFY ACCEPTABLE FASTENERS FER CHEMICALS USED IN PRESSURE PRESERVITIVELY TREATED MOOD W N.C.-R. FASTENINGS FOR WOOD FOUNDATIONS SHALL BE AS REQUIRED IN AF&PA TECHNICAL REPORT NO. T.

# WOOD & FRAMING

#### LUMBER

- THE DESIGN AND CONSTRUCTION OF CONVENTIONAL LIGHT-FRAME WOOD CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE N.C.-R
- CONSTRUCTION, PROJECTIONS, OPENINGS AND PENETRATIONS OF EXTERIOR WALLS OF DWELLINGS AND ACCESSORY BUILDINGS SHALL COMPLY WITH TABLE RE302.1.
- ALL LUMBER SHALL MEET THE STANDARDS OF QUALITY AS STATED IN THE N.C.-R З.
- LIMBER AND PLYMOOD REQUIRED TO BE PRESEIVE PRESERVATIVELY TREATED IN ACCORDANCE WITH THE N.C.R. AND SHALL BEAR THE QUALITY MARK OF AN APPROVED INSPECTION AGENCY THAT MAINTAINS CONTINUING SUPERVISION, TESTING AND INSPECTION OVER THE QUALITY OF THE PRODUCT AND THAT HAS BEEN APPROVED BY AN ACCREDITATION BODY THAT COMPLIES WITH THE REQUIREMENTS OF THE AMERICAN LUMBER STANDARD COMMITTEE TREATED WOOD PROGRAM
- 5. ALL LUMBER SIZES NOTED AND SPECIFIED ON PLANS ARE NOMINAL SIZES UNLESS SPECIFICALLY INDICATED AS NET SIZE.

#### GLUE LAMINATED LUMBER

L.

- REFER TO THE STRUCTURAL ENGINEER'S CURRENT NOTES. CALCULATIONS, AND SPECIFICATIONS
- 2. GLUED LAMINATED TIMBERS SHALL BE MANUFACTURED AND IDENTIFIED AS REQUIRED IN AITC AIGO.I AND ASTM D 3737.

#### PROTECTION AGAINST DECAY & TERMITE

- IN AREAS SUBJECT TO DECAY DAMAGE AS ESTABLISHED BY THE N.C.-R THE FOLLOWING LOCATIONS SHALL REQUIRE THE USE OF NATURALLY DRABLE WOOD OR WOOD THAT IS PRESERVATIVE TREATED IN ACCORDANCE WITH AWPA UI FOR THE SPECIES, PRODUCT, PRESERVATIVE 3, AND END USE. PRESERVATIVES SHALL BE LISTED IN SECTION 4 OF AWPA UI
- WOOD JOISTS OR THE BOTTOM OF WOOD FLOOR WHEN CLOSER THAN 18 INCHES, OR WOOD GIRDERS WHEN CLOSER THAN 12 INCHES TO THE EXPOSED GROUND IN CRANL SPACES OR UNEXCAVATED AREAS LOCATED WITHIN THE PERIPHERY OF THE BUILDING FOUNDATION.
- ALL EXTERIOR SILLS & PLATES THAT REST ON CONCRETE OR MASONRY 5. EXTERIOR FOUNDATION WALLS.
- SILLS AND SLEEPERS ON A CONCRETE OR MASONRY, UNLESS THE SLAB THAT IS IN DIRECT CONTACT WITH THE GROUND IS SEPARATE FROM THE GROUND BY AN APPROVED IMPERVIOUS MOISTURE BARRIER. RATED
- THE ENDS OF WOOD GIRDERS ENTERING EXTERIOR MASONRY OR CONCRETE WALLS HAVING CLEARANCES OF LESS THAN 0.5 INCH ON TOPS, SIDES AND ENDS.
- WOOD SIDING AND SHEATHING ON THE EXTERIOR OF A BUILDING HAVING A CLEARANCE OF LESS THAN 6 INCHES FROM THE GROUND.
- WOOD STRUCTURAL MEMBERS SUPPORTING MOISTURE-PERMEABLE FLOORS OR ROOPS THAT ARE EXPOSED TO THE NEATHER, SUCH AS CONCRETE OR MASONRY SLABS, UNLESS SEPARATED FROM SUCH FLOORS OR ROOPS BY ANIMPERVIOUS MOISTURE BARRIER.
- MOOD FURRING STRIPS OR OTHER MOOD FRAMING MEMBERS ATTACHED 2. DIRECTLY TO THE INTERIOR OF EXTERIOR MASONRY WALLS OR CONCRETE WALLS BELOW GRADE EXCEPT WHERE AN APPROVED VAPOR RETARDER IS APPLIED BETWEEN THE WALL AND THE FURRING S. STRIPS OR FRAMING MEMBERS.
- ALL PORTIONS OF A PORCH, SCREEN PORCH OR DECK FROM THE BOTTOM OF THE HEADER DOWN, INCLUDING POSTS, GUARDRAILS, PICKETS, STEPS AND FLOOR STRUCTURE, COVERINGS THAT WOULD PREVENT MOISTURE OR WATER ACCUMULATION ON THE SURFACE OR AT JOINTS BETWEEN MEMBERS ARE ALLOWED
- IN AREAS SUBJECT TO DAMAGE FROM TERMITES METHODS OF PROTECTION SHALL BE ONE OF THE METHODS LISTED IN THE N.C.-R З.
- UNDER-FLOOR AREAS SHALL BE VENTILATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE N.C.-R

# WOOD & FRAMING (continued)

# GUE ATHIN

FLOOR FRAMING

ROOF FRAMING

MALL FRAMING

EXCEPTIONS

2.

- WOOD STRUCTURAL PANELS SHALL CONFORM TO THE REQUIREMENTS AS SET FORTH IN THE N.C.-R
- ROOF SHEATHING PANELS SHALL BE LAID WITH FACE GRAIN OR STRENGTH AXIS PERPENDICULAR TO SUPPORTS AND WITH PANEL CONTINUOUS OVER TWO OR MORE SPANS.
- ROOF SHEATHING SHALL BE IN ACCORDANCE WITH THE N.C.-R
- FLOOR SHEATHING PANELS SHALL BE LAID WITH FACE GRAIN OR STRENGTH AXIS PERPENDICULAR TO SUPPORTS AND WITH PANEL CONTINUOUS OVER TWO OR MORE SPANS.
- STRUCTURAL FLOOR SHEATHING SHALL COMPLY WITH THE PROVISIONS OF THE N.C.-R

REFER TO THE STRUCTURAL ENGINEER'S CURRENT SPECIFICATIONS, CALCULATIONS, AND PLANS FOR REQUIRED STRENGTH, GRADE, AND THICKNESS FOR PLYVOOD FLOOR SHEATHING PANELS AND FOR DIAPHRAGM NAILING AND ADHESIVE REQUIREMENTS.

NHERE APPLICABLE, REFER TO THE SHEAR WALL SCHEDULE FOR REQUIRED STRENGTH, GRADE, AND THICKNESS OF PLYWOOD SHEAR PANELS AND FOR REQUIRED SHEAR WALL NAILING SCHEDULE.

IN ONE- AND TWO-FAMILY DWELLING CONSTRUCTION USING <u>HARD BOARD</u> OR ALUMINUM AS A SOFFIT MATERIAL, THE SOFFIT MATERIAL SHALL BE SECURELY ATTACHED TO FRAMING MEMBERS AND USE AN UNDERLAYMENT MATERIAL OF EITHER FIRE RETARDANT TREATED WOOD, 23/32 INCH NOOD SHEATHING OR 5/8 INCH GYPSUM BOARD, VENTING REQUIREMENTS APPLY TO BOTH SOFFIT AND WHOER ATMENT AND SHALL BE PER SECTION REOG OF THE NORTH CAROLINA RESIDENTIAL CODE. MHERE THE PROPERTY LINE IS IO FET OR MORE FROM THE BUILDING FACE, THE PROVISIONS OF THIS CODE SECTION DO NOT APPLY.

ALL FLOOR JOISTS SHALL BE DESIGNED I-JOIST WOOD FLOOR TRUSSES. REFER TO MANUFACTURER FOR ALL LAYOUTS AND CALCULATIONS.

REFER TO THE STRUCTURAL ENGINEER'S CURRENT PLANS & CALCULATIONS REFER TO THE STRUCTURE EXOTINEER SCHARENT FEARS & DAUDLE FOR SIZE, SPACING, AND ANCHORAGE OF ALL FLOOR BEAMS AND HEADERS; AND ALL RELATED FRAMING ISSUES.

ROOF FRAMING SHALL BE BY PRE-MANUFACTURED ROOF TRUSSES SPACED AT 24 INCHES ON CENTER UNLESS NOTED OTHERWISE.

THE MANUFACTURER SHALL SUPPLY TO THE ARCHITECT AND BUILDER CALCULATIONS AND SHOP DRAVINGS FOR APPROVAL OF DESIGN LOADS, CONFIGURATION (2 OR 3 POINT BEARING), VOLIME CEILING OPTIONS, AND SHEAR TRANSFER, PRIOR TO FABRICATION.

TRUSS MEMBERS SHALL NOT BE CUT, NOTCHED, DRILLED, SPLICED OR OTHERNISE ALTERED IN ANY MAY MITHOUT THE APPROVAL OF A REGISTERED DESIGN PROFESSIONAL. ALTERATIONS RESULTING IN THE ADDITION OF LOAD (E.G. HVAC EQUIPMENT, WATER HEATER) THAT EXCEEDS THE DESIGN LOAD FOR THE TRUSSES SHALL NOT BE PREMITTED WITHOUT WRITTEN VERIFICATION THAT THE TRUSS IS CAPABLE OF SUPPORTING SUCH ADDITIONAL LOADING.

ALL CALCULATIONS AND SHOP DRAWINGS SHALL BE SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHEREIN THE PROJECT IS TO BE BUILT.

MANUFACTURER IS TO SECURE BUILDING DEPARTMENT APPROVAL OF CALCULATIONS AND SHOP DRAWINGS PRIOR TO FABRICATION.

THE SIZE, HEIGHT, AND SPACING OF STUDS SHALL BE IN ACCORDANCE

STUDS SHALL BE PLACED WITH THEIR WIDE DIMENSION PERPENDICULAR TO THE WALL.

NOT LESS THAN THREE STUDS SHALL BE INSTALLED AT EACH CORNER OF AN EXTERIOR WALL.

MOOD STUD WALLS SHALL BE CAPPED WITH A DOUBLE TOP PLATE INSTALLED TO PROVIDE OVERLAPPING AT CORNERS AND INTERSECTIO WITH BEARING PARTITIONS. END JOINTS IN TOP PLATES SHALL BE OFFSET AT LEAST 24 INCHES. JOINTS NEED NOT OCCUR OVER STUDS. PLATES SHALL BE NOT LESS THAN 2-INCHES NOMINAL THICKNESS AND

VE A WIDTH AT LEAST EQUAL TO THE WIDTH OF THE STUDS. SEE

STUDS SHALL HAVE FULL BEARING ON NOMINAL 2 BY OR LARGER PLATE OR SILL HAVING A WIDTH AT LEAST EQUAL TO THE WIDTH OF THE STUDS.

SHALL BE FIREBLOCKED IN ACCORDANCE WITH THE N.C.-R

WHERE JOISTS, TRUSSES OR RAFTERS ARE SPACED MORE THAN 16 INCHES ON CENTER AND THE BEARING STUDS BELOW ARE SPACED 24 INCHES ON CENTER, SUCH MEMBERS SHALL BEAR WITHIN 5 INCHES OF THE STUDS BENEATH. SEE EXCEPTIONS.

INTERIOR NONREARING WALLS SHALL BE PERMITTED TO BE CONSTRUCTED

INTERIOR NONBEAKING MALLS SHALL BE PERMITED TO BE CONSTRUCTE WITH 2-INCH-BY-3-INCH STUDS SPACED 24 INCHES ON CENTER OR, WHEN NOT A PART OF A BRACED WALL LINE, 2-INCH-BY-4-INCH FLAT STUDS SPACED 16 INCHES ON CENTER, INTERIOR NONBEARING WALLS SHALL BE CAPPED WITH AT LEAST A SINGLE TOP PLATE. INTERIOR NONBEARING W

THE BRACING OF WOOD TRUSSES SHALL COMPLY TO THEIR APPROPRIATE ENGINEERED DESIGN, PER THE N.C.-R

WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE N.C.-R

ALL VERTICAL JOINTS OF PANEL SHEATHING SHALL OCCUR OVER, AND BE FASTENED TO, COMMON STUDS. HORIZONTAL JOINTS IN BRACED WALL PANELS SHALL OCCUR OVER, AND BE FASTENED TO, COMMON BLOCKING OF A MINIMM OF 11/2 INCH THICKNESS.

# WOOD & FRAMING

# (continued)

DRILLING AND NOTHING OF STUDS SHALL BE IN ACCORDANCE WITH THE

- NOTICING, ANY STUD IN AN EXTERIOR WALL OR BEARING PARTITION MAY BE OUT OR NOTICHED TO A DEPTH NOT EXCEEDING 25 PERCENT OF ITS WIDTH, STUDS IN NOHEEXANING FARTITIONS MAY BE NOTICHED NOTICHED FOR THE STUDS OF THE STUD AND THE NOTICHES OF DEPENDENT OF A BIOLES STUDY NOTI-NOTICHES OF DEPENDENT OF THE STUD, NOTICHING SHALL NOT OCCUR IN THE BOTTOM OR TOP 6 INCHES OF BEARING STUDS.
- DRILLING, ANY STUD MAY BE BORED OR DRILLED, PROVIDED THAT THE DIAMETER OF THE RESULTING HOLE IS NO MORE THAN 60 PERCENT OF THE STUD NIDTH, THE EDGE OF THE HOLE IS NO MORE THAN 568' INCH TO THE EDGE OF THE STUD, AND THE HOLE SHALL NOT BE CLOSER THAN 6 INCHES FROM AN ADJACENT HOLE OR NOTCH. HOLES NOT EXCEEDING 3/4 INCH DIAMETER CAN BE AS CLOSE AS I //2 INCHES ON CENTER SPACING, STUDS LOCATED IN EXTERIOR WALLS OR BEARING PARTITIONS DRILLED OVER 40 PERCENT AND UP TO 60 PERCENT SHALL ALSO BE DOUBLED WITH NO MORE THAN TWO SUCCESSIVE DOUBLED STUDS BORED.
- CUITTING AND NOTCHING OF STUDS SHALL BE PERMITTED TO BE INCREASED TO 65 PERCENT OF THE WIDTH OF THE STUD IN EXTERIOR AND INTERIOR NALLS AND BEARING PARTITIONS, PROVIDED THAT ONE OF THE FOLLOWING CONDITIONS ARE MET: (a) THE WALL SECTION IS REINFORCED WITH 1/2-INCH EXTERIOR GRADE PLYWOOD OR EQUIVALENT REINFORCEMENT ON THE NOTCHED SIDE OF THE WALL, PLYWOOD, IF USED, SHALL REACH FROM THE FLOOR TO CEILING AND AT LEAST ONE STUD PURTHER ON EACH SIDE OF THE SECTION THAT HAS BEEN NOTCHED OR CUT. (b) THE EXTERIOR WALLS OF A KITCHEN MAY BE REINFORCEMENT ON THE NOTCHED SIDE OF THE WALLS OF A KITCHEN MAY BE REINFORCEMENT ON THE NOTCHED SIDE OF THE WALLS OF A KITCHEN MAY BE REINFORCEMENT ON THE NOTCHED SIDE OF THE WALLS OF A KITCHEN MAY AT LEAST ONE STUD FROM THE FLOOR TO CONTER-TOP HEIGHT AND AT LEAST ONE STUD FURCH RE NOR CACH SIDE OF THE SECTION THAT HAS BEEN NOTCHED OR CUT. NOTCHED OR CUT
- WHEN PIPING OR DUCTWORK IS PLACED IN OR PARTIALY IN AN EXTERIOR When thinks on doubtains is larged in the restrict in an earlier linear earlier linear earlier than the relations of the top plate B more than 50 percent of its width a Galvanized metal. The of Not less than 0.054 inch thick and 1/2" inches wide shall be fastened across and to the plate at each INCRESTILE STALL BE ADDLEDE ADDUSTATION TO THE FLATE AN EACH SIDE OF THE OPENING WITH NOT LESS THAN EIGHT IOD NAILS HAVING A MINIMUM LENGTH OF I 1/2 INCHES (38 MM) AT EACH SIDE OR EQUIVALENT. THE METAL THE MUST LITE MUST EXTEND A MINIMUM OF INCHES PAST THE OPENING
- IO. HEADERS SHALL MEET THE REQUIREMENTS OF THE N.C.-R.
  - PROVIDE LATERAL BRACING PER THE N.C.-R
- FOUNDATION CRIPPLE WALLS SHALL MEET THE REQUIREMENTS OF THE N.C.-R CODE
- 14. WOOD STUD WALLS SHALL BE BRACED AS REQUIRED BY THE N.C.-R
- 15. UNLESS COVERED BY INTERIOR OR EXTERIOR WALL COVERINGS OR SUESTICUTED BY INTERNET MANY RECORDENTS OF THIS CODE, ALL STUD PARTITIONS OR VALLS WITH STUDS HAVING A HEIGHT-TO-LEAST THICKNESS RATIO EXCEEDING SO SHALL HAVE BRIDGING NOT LESS THAN 2 INCHES IN THICKNESS AND OF THE SAME WIDTH AS THE STUDS FITTED SHALLS AND MAILED THEREFOR TO PROVIDE ADEQUATE LATERAL SUPPORT

#### FIRE BLOCKS AND DRAFT STOPS

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13.

CTIONS

WALLS

FIRE BLOCKING SHALL BE PROVIDED TO CUT OFF ALL CONCEALED DRAFT OPENINGS (BOTH VERTICAL AND HORIZONTAL) AND TO FORM AN EFFECTIVE BARRIER BETWEEN STORIES, AND BETWEEN A TOP STORY AND A ROOF SPACE, FIREBLOCKING SHALL BE PROVIDED IN MOOD-FRAME CONSTRUCTION IN THE LOCATIONS SPECIFIED IN THE N.C.-R

FIRE BLOCKING SHALL CONSIST OF 2 INCHES NOMINAL LUMBER, OR TWO THICK BEDECKING SHALL COMMINAL LUMBER WITH BROKEN LAMBER ON THE ONE THICK BESSES OF I-INCH NOOM STRUCTURAL PANELS WITH JOINTS BACKED BY 23/32-INCH MOOD STRUCTURAL PANELS OR ONE THICK BES OF 3/4-INCH PARTICLEBOARD WITH JOINTS BACKED BY 3/4-INCH PARTICLEBOARD, I/2-INCH OF/SOM BOARD, OR I/4-INCH CHENT-BASED

BATTS OR BLANKETS OF MINERAL WOOL OR GLASS FIBER OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO SECURELY RETAINED IN PLACE SHALL BE PERMITTED AS AN ACCEPTABLE FIRE BLOCK.

BATTS OR BLANKETS OF MINERAL OR GLASS FIBER OR OTHER APPROVED NON-RIGID MATERIALS SHALL BE PERMITTED FOR COMPLIANCE WITH THE IC FOOT HORIZONTAL FIREBLOCKING IN MALLS CONSTRUCTED USING PARALLEL ROMG OF STUDS OR STAGERED STUDS. LOOSE FILL INSULATION MATERIAL SHALL NOT BE USED AS A FIREBLOCK UNLESS SPECIFICALLY TESTED IN THE FORM AND MANNER INTENDED FOR USE TO DEMONSTRATE ITS ABILITY TO REMAIN IN PLACE AND TO RETARD THE SPREAD OF FIRE AND HOT GASSES.

WHEN THERE IS USABLE SPACE BOTH ABOVE AND BELOW THE CONCEALED SPACE OF A FLOOR/CEILING ASSEMBLY, DRAFTSTOPS SHALL BE INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT EXCEED 1,000 SQUARE FEET, DRAFTSTOPPING SHALL DIVIDE THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS, WHERE THE ASSEMBLY IS ENCLOSED BY A FLOOR MEMBRANE ABOVE AND A CEILING MEMBRANE BELOM, DRAFTSTOPPING SHALL BE PROVIDED IN FLOOR/CEILING ASSEMBLIES UNDE THE FOLLOWING CIRCUMSTANCES: ASSEMBLIES UNDER

- CEILING IS SUSPENDED UNDER THE FLOOR FRAMING.
- FLOOR FRAMING IS CONSTRUCTED OF TRUSS-TYPE OPEN-WEB OR PERFORATED MEMBERS. 2.

#### HANDRAIL AND GUARDRAIL

GUARDRAIL OF 36" HIGH MIN. SHALL BE PROVIDED WHERE FINISHED GRADE OR FLOOR BELOW RAISED AREA EXCEEDS 30".

HANDRAIL AT STAIRS SHALL BE PROVIDED WHEN 4 OR MORE STAIR RISERS

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**RALEIGH-DURHAM** 

40' SERIES

# THERMAL & MOISTURE

# PROTECTION

- PROVIDE ALL FLASHING, COUNTER-FLASHING, BITUTHENE, MEMBRANE WATERPROOFING, SHEET METAL, CAULKING, SEALANTS, ELASTOMERIC MALKING SUFFACES, AND RAIN GUTHERS AND/OR DIVERTERS WHERE REQUIRED, TO MAKE WORK COMPLETELY WATERPROOF.
- "CORROSION RESISTANCE" SHALL MEAN THE ABILITY OF A MATERIAL TO WITHSTAND DETERIORATION OF IT'S SURFACE OR IT'S PROPERTIES WHEN EXPOSED TO IT'S ENVIRONMENT.
- BALCONIES, LANDINGS, EXTERIOR STAIRWAYS, OCCUPIED ROOFS AND SIMILAR SURFACES EXPOSED TO THE NEATHER AND SEALED UNDER-NEATH SHALL BE WATERPROOFED AND SLOPED A MINIMUM OF 1/4 UNIT VERTICAL IN 12 UNITS HORIZONTAL (2% SLOPE) FOR DRAINAGE.
- PROVIDE A MINIMUM 2 INCH DROP FROM FINISHED INTERIOR FLOOR ELEVATION TO THE HIGHEST FLOOR ELEVATION OF ANY ADJOINING DECK OR BALCONY.
- ELASTOMERIC OR MEMBRANE DECK COATINGS SHALL BE INSTALLED FER MANUFACTURERS SPECIFICATIONS AT DECKS AND BALCONIES. COLOR, FINISH, AND DETAILING SHALL BE APPROVED BY OWNER/ BUILDER AND ARCHITECT.
- UNLESS DESIGNED TO DRAIN OVER DECK EDGES, DRAINS AND OVERFLOWS OF ADEQUATE SIZE SHALL BE INSTALLED AT THE LOW POINTS OF THE DECK OR BALCONY.
- FOUNDATION WALLS WHERE THE OUTSIDE GRADE IS HIGHER THAN THE INSIDE GRADE SHALL BE WATER-PROOFED A DAMPPROOFED IN ACCORDANCE WITH THE N.C.-R
- PARAPET WALLS SHALL BE PROPERLY COPED WITH NONCOMBUSTIBLE. PARAFEI MALES SHALL BE FROFENET OUTED MITH MONODHSTIDLE. WEATHERFROOF MATERIALS OF A MIDTH NO LESS THAN THE THICKNESS OF THE PARAFET NALL. PARAFET COINS SHALL EXTEND 2" MINIMUM DOWN THE FACES OF THE PARAFET.

#### FLASHING

- APPROVED CORROSION-RESISTANT FLASHING SHALL BE APPLIED APPROVED CORROSION-RESISTANT FLASHING SHALL BE APPLIED SHINGLE-FASHION IN A MANRER TO PREVENT ENTRY OF MATER INTO THE MALL 12. CAVITY OR PENETRATION OF WATER TO THE BUILDING STRUCTURAL FRAMING COMPONENTS. SELF-ADHRED MEMORANES USED AS FLASHING IN IS. EXTERIOR WALLS SHALL COMPLY WITH AAMA 14. THE FLASHING SHALL EXTERIOR WALLS SHALL COMPLY WITH AAMA 14. THE FLASHING SHALL EXTERIOR WALLS SHALL COMPLY WITH AAMA 14. THE FLASHING SHALL EXTERIOR DE USED IN CONTACT WITH THERE CUENTIA MATERIAL, EXCEPT AT COUNTER FLASHING. APPROVED CORROSION-RESISTANT FLASHINGS SHALL BE ALLED AT ALL OF THE LOCATIONS STATED IN N.C.-R
- 2. AT ALL WINDOW AND DOOR OPENINGS USE FORTIFIBER WATER-RESISTIVE BARRIERS, I.C.C. ESR-1027, INSTALLED PER MANUFACTURER'S SPECIFICATIONS OR APPROVED EQUAL
- ALL BEAMS, OUTLOOKERS, CORBELS, ETC. PROJECTED THROUGH EXTERIOR WALLS OR PENETRATING EXTERIOR FINISHES SHALL BE FLASHED WITH A MINIMUM O.OI9-INCH (NO. 26 SHEET METAL GAGE) CORROSION-RESISTANT METAL AND CAULKED
- ALL SHEET METAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE RECOMMENDATIONS AND STANDARDS OF THE SHEET METAL AND AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION (SMAC.N.J.) THE ARCHITECTURAL SHEET METAL MANUAL, AND SEALANT, WATERPROOFING AND RESTORATION INSTITUTE'S (SWR.I.) GUIDE -SEALANT'S: THE PROFESSIONAL'S GUIDE".
- SHEET METAL SHALL BE STEEL SHEET, HOT-DIPPED, TIGHT COATED 5. AND GALVANIZED, CONFORMING TO A.S.T.M. A525 AND SHALL BE A NUMBER 24 SHEET METAL GAGE UNLESS OTHERNISE NOTED IN THESE NOTES, PLANS, OR MANUFACTURER'S SPECIFICATIONS.
- SHEET ALUMINUM SHALL CONFORM WITH FEDERAL SPECIFICATIONS QQ-A-359 AND A.S.T.M. B209 ALLOY 3003.
- FABRICATE SHEET METAL WITH FLAT LOCK SEAMS AND SOLDER WITH TYPE AND FLUX RECOMMENDED BY MANUFACTURER. SEAL ALUMINUM SEAMS WITH EPOXY METAL SEAM CEMENT. WHERE REQUIRED FOR STRENGTH, RIVET SEAMS AND JOINTS.
- SHOP FABRICATE TO THE GREATEST EXTENT POSSIBLE IN ACCORDANCE WITH APPLICABLE STANDARDS TO PROVIDE A PERMANENTLY MATER-PROOP, MEATHER RESISTANT INSTALLATION.
- ASPHALT SHINGLES SHALL HAVE SELF-SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 225 OR D 3462.
- BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS, BASE FLASHING SHALL BE OF EITHER CORROSION-RESISTANT WETAL OF MINIMUM NOMINAL OO/04-INCH THICKNESS OR MINERAL SURFACE ROLL ROOFING HEIGHING A MINIMUM OF TT POUNDS PER IOS SQUARE FEET. CAP FLASHING SHALL BE CORROSION-RESISTANT METAL OF MINIMUM NOMINAL O.019-INCH THICKNESS
- VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS BEFORE APPLYING SHINGLES, VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED AS STATED PER THE N.C.-R
- A CRICKET OR SADDLE SHALL BE INSTALLED ON THE RIDGE SIDE OF ANY CHIMMEY OR FENETRATION MORE THAN 30 INCHES WIDE AS MEASURED PERPENDICULAR TO THE SLOPE. CRICKET OR SADDLE COVERINGS SHALL BE SHEET METAL OR OF THE SAME MATERIAL AS THE ROOF COVERING. VIDE FLASHING AT THE INTERSECTION OF CRICKET OR SADDLE AND
- FLASHING AGAINST A VERTICAL SIDEWALL SHALL BE BY THE STEP-FLASHING METHOD PER NC-R. 13.
- 14 FLASHING AGAINST A VERTICAL FRONT WALL, AS WELL AS SOIL STACK SHALL BE APPLIED ACCORDING ENT PIPE AND CHIMNEY ELASHING TO THE ASPHALT SHINGLE MANUFACTURER'S PRINTED INSTRUCTIONS
- AT THE JUNCTURE OF ROOF VERTICAL SURFACES, FLASHING AND COUNTERFLASHING SHALL BE PROVIDED IN ACCORDANCE WITH TH 15. N.C.-R AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND NHERE OF METAL, SHALL NOT BE LESS THAN O.O.I. INCH (NO. 26 GALVANIZED SHEET GAGE) CORROSION-RESISTANT METAL
- 16. VALLEY FLASHING FOR CONCRETE TILE ROOFS SHALL BE AS REQUIRED

#### ROOFING MATERIALS

- ROOF COVERINGS SHALL BE APPLIED IN ACCORDANCE WITH THE N.C.-R AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. INSTALLATION OF ROOF COVERINGS SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF THE N.C.-R.
- ROOFS AND ROOF COVERINGS SHALL BE OF MATERIALS THAT ARE 2. COMPATIBLE WITH EACH OTHER AND WITH THE BUILDING OR STRUCTURE TO WHICH THE MATERIALS ARE APPLIED.
- ROOF COVERING MATERIALS SHALL CONFORM TO THE APPLICABLE STANDARDS LISTED IN THE N.C.-R IN THE ABSENCE OF APPLICABLE STANDARDS OR WHERE MATERIALS ARE OF QUESTIONABLE SUITABILITY, TESTING BY AN APPROVED TESTING AGENCY SHALL BE REQUIRED BY THE BUILDING OFFICIAL TO DETERMINE THE CHARACTER. QUALITY, AND LIMITATIONS OF APPLICATION OF THE MATERIALS.

# THERMAL & MOISTURE PROTECTION (continued)

- ROOF COVERING MATERIALS SHALL BE DELIVERED IN PACKAGES BEARING THE MANUFACTURER'S IDENTIFYING MARKS AND APPROVED TESTING AGENCY LABELS WHEN REQUIRED, BULK SHIFMENTS OF MATERIALS SHALL BE ACCOMPANIED BY THE SAME INFORMATION ISQUED IN THE FORM OF A CERTIFICATE OR ON A BILL OF LADING BY THE MANUFACTURER
- COMPOSITION ROOFING SHINGLES SHALL BE OF ASPHALT OR APPROVED RELATED MATERIALS AND MEET THE REQUIREMENT OF THE N.C.-R
- UNDERLAYMENT FOR ASPHALT SHINGLES SHALL CONFORM TO ASTM D 226 TYPE I, ASTM D 4869, TYPE I, OR ASTM D 6757. SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET SHALL COMPLY WITH ASTM D 1970
- ASPHALT SHINGLES SHALL COMPLY WITH ASTM D 225 OR ASTM D 3462.
- FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED STEEL, STAINLESS STEEL, ALUMINUM, OR COPPER ROOFING NAILS, MINIMUM 12 GAES SHANK WITH A MINIMUM 33 INCK DIAVETRE HEAD, ASTM F 1667, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIALS AND A MINIMUM OF 5/4 INCH HITO THE ROOF SHEATHING. WHERE THE ROOF SHEATHING 15 LESS THAN 3/4 INCH THICK, THE FASTENERS SHALL PENETRATE THROUGH THE SHEATHING. FASTENERS SHALL COMPLY WITH ASTM F 1667.
- ASPHALT SHINGLES SHALL HAVE THE MINIMUM NUMBER OF FASTENERS REQURED BY THE MANUFACTURER. FOR NORMAL APPLICATION, ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE PER N.C.-R.
- 10. UNDERLAYMENT FOR ASPHALT SHINGLES SHALL BE APPLIED IN ACCOR-DANCE WITH THE N.C.-R
- THE INSTALLATION OF CLAY AND CONCRETE TILE SHALL COMPLY WITH THE PROVISIONS OF N.C.-R CLAY ROOF TILE SHALL COMLY WITH ASTM C 1167.
- CONCRETE AND CLAY TILE SHALL BE INSTALLED ONLY OVER SOLID SHEATHING OR SPACED STRUCTURAL SHEATHING BOARDS

CLAY AND CONCRETE ROOF TILE SHALL BE INSTALLED ON ROOF SLOPES OF 2 1/2 UNITS VERTICAL IN IZ UNITS HORIZONTAL (2-1/2:12) OR GREATER. FOR ROOF SLOPES FROM 2 1/2 UNITS VERTICAL IN 12 UNITS HORIZONTAL (2-1/2:12) TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (4-12), DOUBLE UNDERLATMENT APPLICATION IS REQUIRED IN ACCORDANCE WITH THE N.C.-R

- UNDERLAYMENT FOR CLAY AND CONCRETE TILE SHALL CONFORM WITH ASTM D 226, TYPE II; ASTM D 2626 TYPE I; OR ASTM D 6380 CLASS M MINERAL SURFACED ROLL ROOFING.
- 15. CONCRETE ROOF TILE SHALL COMPLY WITH ASTM C 1492.
- NAILS SHALL BE CORROSION-RESISTANT AND NOT LESS THAN II GAGE, 16. NALES STALL BE CONNORIGNEEDED AND NACH NO LESS THAN IT GASE, SIGEINCH HEAD, AND OF SUFFICIENT LENSTH TO PENETRATE THE DECK A MINIMUM OF SIA-INCH OR THROUGH THE THICKNESS OF THE DECK, MICHDETE IS LESS. ATTACHING WIRE FOR CLAY OR CONCRETE TILE SHALL NOT BE SMALLER THAN O OBS-INCH. PERIMETER FASTENING AREAS INCLUDE THREE TILE COURSES BUT NOT LESS THAN 36 INCHE FROM EITHER SIDE OF HIPS OR RIDGES AND EDGES OF EAVES AND GABLE RAKES.
- 17. CLAY AND CONCRETE ROOF TILES SHALL BE FASTENED IN ACCORDANCE WITH THE N.C.-R
- TILE SHALL BE APPLIED ACCORDING TO THE MANUFACTURERS INSTALLATION INSTRUCTIONS, BASED ON CLIMATIC CONDITIONS, ROOF SLOPE, UNDERLATMENT SYSTEM, AND TYPE OF TILE BEINS INSTALLED PER THE N.C.-R 18.
- THE INSTALLTION OF BUILT-UP ROOFS SHALL COMPLY WITH THE N.C.-R
- 20. BUILT-UP ROOFS SHALL HAVE A DESIGN SLOPE OF A MINIMUM OF ONE-FOUTH UNIT VERTICAL IN 12 UNITS HORIZONTAL (2-PERCENT SLOPE) FOR DRAINAGE, EXCEPT FOR COAL-TAR BUILT-UP ROOPS THAT SHALL HAVE A DESIGN SLOPE OF A MINIMUM ONE-EIGHTH UNIT VERTICAL IN 12 UNITS HORIZONTAL (1-PERCENT SLOPE).
- 21. BUILT-UP ROOF COVERING MATERIALS SHALL COMPLY WITH THE STANDARDS PER THE N.C.-R

#### EXTERIOR WALL COVERINGS

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- SEE FINISHES IN THESE GENERAL NOTES FOR EXTERIOR PLASTER
- MATERIALS USED FOR THE CONSTRUCTION OF EXTERIOR WALLS SHALL COMPLY WITH THE PROVISIONS OF THE N.C.-R

EXTERIOR WALLS SHALL PROVIDE THE BUILDING WITH A WEATHER-RESISTANT EXTERIOR WALL ENVELOPE. THE EXTERIOR WALL ENVELOPE SHALL INCLUDE FLASHING. THE EXTERIOR WALL ENVELOPE SHA BE DESIGNED AND CONSTRUCTED IN A MANKET THAT PREVENTS THE ACCUMULATION OF WATER WITHIN THE WALL ASSEMBLY BY PROVIDING A WATER-RESISTANT BARRIER BEHIND THE EXTERIOR VENER AS REQUIRED AND A MEANS OF DRAINING WATER THAT ENTERS THE ASSEMBLY TO THE EXTERIOR. PROTECTION ASAINST CONDENSATION IN THE EXTERIOR WALL ASSEMBLY SHALL BE PROVIDED. PE SHALL

ONE LAYER OF NO. 15 ASPHALT FELT, FREE FROM HOLES AND BREAKS, COMPLYING WITH ASTM D 226 FOR TYPE I FELT OR OTHER APPROVED WATER-RESISTIVE BARRIER SHALL BE APPLIED OVER STUDS OR SHEATHING OF ALL EXTERIOR WALLS, SUCH FELT OR MATERIAL SHALL BE APPLIED HORIZONTALLY, NITH THE UPPER LAYER LAPPED OVER THE LOWER LAYER NOT LESS THAN 2 INCHES. INTER FLIT OR OTHER APPROVED MATERIAL BE LAPPED NOT LESS THAN 2 INCHES. INTER FELT OR OTHER APPROVED MATERIAL BELAPPED NOT LESS THAN 2 INCHES. INTER FELT OR OTHER APPROVED MATERIAL SHALL BE E CONTINUOUS TO THE FOP OF WALLS AND TERMINATED AT PENETRATIONS AND BUILDING APPENDAGES IN A MANNER TO MEET THE REQUIREMENTS OF THE EXTENSION WALL ENVELOPE. HE EXTERIOR WALL ENVELOP

- FIBER CEMENT SIDING CONFORMING TO THE REQUIREMENTS OF THE N.C.-R AND FIBER CEMENT SIDING CONFORMING TO THE REQUIREMENTS OF THE N.C.-R. AND COMPLINE WITH ASTM D 3674 SHALL BE PERMITTED ON EXTERIOR WALLS OF BUILDINGS OF TYPE V CONSTRUCTION LOCATED IN AREAS WHERE THE ULTIMATE WIND SPEED SPECIFIED DOES NOT EXCEED IOO MILES PER HOUR AND THE BUILDING HEIGHT IS LESS THAN 40 FEET IN EXPOSURE C. INHERE CONSTRUCTION IS LOCATED IN AREAS WHERE THE ULTIMATE WIND SPEED EXCEEDS ISO MILES PER HOUR OR BUILDING HEIGHTS ARE IN EXCESS OF 40 FT, DATA INDICATING COMPLIANCE MIST BE SUBMITTED. FIBER CEMENT SIDIN SHALL BE SECURED TO BUILDING HEIGHT AND THE BUILDING HEIGHT AND THE THE EXTERIOR WALLS OF THE BUILDING. FIBER CEMENT SIDING
- THE N.C.-R FIBER CEMENT SIDING SHALL BE APPLIED TO CONFORM WITH THE WEATHER-RESISTIVE BARRIER REQUIREMENTS FIBER CEMENT SIDING AND ACCESSORIES SHALL BE INSTALLED IN ACCORDANCE WITH APPROVED MANUFACTURER'S INSTRUCTIONS
- FIBER CEMENT SIDING FASTENERS AND ACCESSORIES SHALL MEET THE REQUIREMENTS OF THE N.C.-B
- EXTERIOR WALLS OF WOOD CONSTRUCTION SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE N.C.-R

# THERMAL & MOISTURE PROTECTION (continued)

- HARDBOARD SIDING SHALL CONFORM TO THE REQUIREMENTS OF AHA AI35,6 AND, WHERE USED STRUCTURALLY, SHALL BE SO IDENTIFIED BY THE LABEL OF AN APPROVED AGENCY.
- WOOD VENEERS ON EXTERIOR WALLS OF BUILDINGS OF TYPES I, II, III, AND IV CONSTRUCTION SHALL BE NOT LESS THAN I-INCH NOMINAL THICKNESS, 0.438-INCH EXTERIOR HARDBOARD SIDING OR 0.375-INCH EXTERIOR-TYPE WOOD STRUCTURAL PANELS OR PARTICLE-BOARD AND SHALL CONFORM TO THE REQUIREMENTS OF THE N.C.-R
- FIBER-CEMENT LAP SIDING HAVING A MAXIMUM WIDTH OF 12 INCHES SHALL COMPLY WITH THE REQUIREMENTS OF ASTM CIB6, TYPE A, MINIMUM GRADE II. LAP SIDING SHALL BE LAPPED A MINIMUM OF 11/4 INCHES (32 MM) AND LAP SIDING NOT HAVING TONUE-AND-CROOVE END JOINTS SHALL HAVE THE ENDS SEALED WITH CAULKING, INSTALLED WITH AN H-SECTION JOINT COVER, LOCATED OVER A STRIP OF FLASHING OR SHALL BE DESIGNED TO COMPLY WITH NC-R, LAP SIDING COURSES MAY BE INSTALLED WITH THE FASTENER HEADS EXPOSED OR CONCELSED, ACCORDING TO NC-R OR APPROVED MANUFACTURERS' INSTALLATION INSTRUCTIONS.

#### INSULATION

- INSULATING MATERIALS, INCLUDING FACINGS, SUCH AS VAPOR RETARDERS OR VAPER-PERVEABLE VERDRANES,INSTALLED WITHIN FLOOR-CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLIES, INALL-ASSEMBLIES, CRANL SPACES AND ATTICS SHALL HAVE A FLAME-SPREAD INDEX NOT TO EXCEED 25 WITH AN ACCOMPANYING SMOKE-DEVELOPED INDEX NOT TO EXCEED 25 WITH AN ACCOMPANYING SMOKE-INDEX NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723
- DUCT INSULATION MATERIALS SHALL CONFORM TO THE FOLLOWING 2. VIREMENTS OF THE N.C.-R
- INSULATION AND COVERING ON PIPE AND TUBING SHALL HAVE A FLANE-SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 450. SEE EXCEPTIONS.
- ALL EXPOSED INSULATION MATERIALS INSTALLED ON ATTIC FLOORS SHALL HAVE A CRITICAL RADIANT FLUX OF NOT LESS THAN 0.12 WATT PER SQUARE 17. CENTIMETER PER N.C.-R TESTS FOR CRITIAL RADIANT FLUX SHALL BE MADE IN ACCORDANCE WITH ASTM E 970.
- THE USE OF ABOVE DECK THERMAL INSULATION SHALL BE PERMITTED 5. PROVIDED SUCH INSULATION IS COVERED WITH AN APPROVED ROOF COVERING AND PASSES FM 4450 OR UL 1256 PER N.C.-R.
- CELLULOSE LOOSE-FILL INSULATION SHALL COMPLY WITH CPSC 16 6 CFR. PARTS 1209 AND 1404. EACH PACKAGE OF SUCH INSULATIN MATERIAL SHALL BE CLEARLY LABELED IN ACCORDANCE WITH CPSC 16 CFR, PARTS 1209 AND 1404.
- INSULATION IN FLOOR-CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLIES, NALLS, CRAWL SPACES OR ATTICS SHALL BE EITHER OF THE BLOWN-IN CELLULOSE TYPE OR FIBERGLASS BATTS OR BLANKET TYPE PER BUILDER'S SPECIFICATIONS.
- THE ENERGY EFFICIENCY REQUIREMENTS INCLUDING I.E.C.C. BUT NOT LIMITED TO INSULATION "R" VALUES, PERCENTAGE OF GLAZING "U" VALUES, ETC. SHALL BE DETERMINED BY THE ADOPTED STATE AND LOCAL ENERGY CODE EQUIRENTS, REFER TO MECHANICAL PLANS FOR SPECIFICATIONS.
- THE BUILDING THERMAL ENVELOPE SHALL BE DURABLY SEALED WITH AN AIR BARRIER SYSTEM TO LIMIT INFILTRATION. THE SEALING METHODS BETWEEN DISSIMILAR MATERIALS SHALL ALLOW FOR DIFFERENTIAL EXPANSION AND CONTRACTION. FOR ALL HOMES, WHERE PRESENT, THE FOLLOWING SHALL BE CAULKED, GRALL HOMES, WHERE PRESENT, THE FOLLOWING SEALED WITH AN AIR BARRIER MATERIAL OR SOLID MATERIAL ON STATEMENT OF THE NORMAL AND AND AND AND AND SEALED WITH AN AIR BARRIER MATERIAL OR SOLID MATERIAL CONSISTENT WITH APPENDIX E-23 AND E-24 OF THE NORMAL UNIT APPENDIX E-23 AND E-24 OF THE NORMAL UNIT APPENDIX E-23 AND E-24 OF THE NORMAL KNEE WALLS OPEN TO UNCONDITIONED OR EXTERIOR SPACE. 2. CAPPING AND SEALING SHAFTS OR CHASES, INCLUDING FLUE
- 3. CAPPING AND SEALING SOFFIT OR DROPPED CEILING AREAS
- FRAMED CAVITY WALLS, THE EXTERIOR THERMAL ENVELOPE WALL INSULATION SHALL BE INSTALLED IN SUBSTANTIAL CONTACT AND CONTINUOUS ALIGNMENT MITH THE BUILDING ENVELOPE AIR BARRIER, INSULATION SHALL BE SUBSTANTIALLY FREE FROM INSTALLATION GAPS, VOIDS, OR COMPRESSION, FOR FRAMED WALLS, THE CAVITY INSULATION SHALL BE ENCLOSED ON ALL SIDES WITH A RIGID WATERIAL OR AN AIR BARRIER MATERIAL, WALL INSULATION SHALL BE ENCLOSED AT THE FOLLOWING LOCATIONS WHEN INSTALLE ON EVTERIOR WALLS BEING CONFERENCE ON EVER 10. NGTALLED ON EXTERIOR WALLS PRIOR TO BEING COVERED BY SUBSEQUENT CONSTRUCTION, CONSISTENT WITH APPENDIX E-2.3 AND E-2.4 OF NC-R:

I. TUBS 2. SHORERS 3. STAIRS 4. FIREPLACE UNITS ENCLOSURE OF WALL CAVITY INSULATION ALSO APPLIES TO WALLS THAT ADJOIN ATTIC SPACES BY PLACING A RIGID MATERIAL OR AIR BARRIER MATERIAL ON THE ATTIC SIDE.

# DOORS & WINDOWS

- SEE FLOOR PLANS AND ELEVATIONS FOR SIZES AND TYPES OF DOORS AND WINDOWS AND FOR ANY DIVIDED LITE PATTERNS. COLORS SHALL BE APPROVED BY THE BUILDER AND ARCHITECT.
- OPENINGS FROM A PRIVATE GARAGE DIRECTLY INTO A ROOM USED FOR SILEEPING PURPOSES SHALL NOT BE PERMITTED. OTHER OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL EQUIPPED WITH SOLID MOOD DOORS NOT LESS THAN I 3/8 INCHES IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN I 3/6 INCHES THICK, OR 20-MINUTE FIRE-RATED DOORS.
- NO DOUBLE FRENCH DOORS SHALL BE USED UNLESS THERE IS A SUFFICIENT OVERHANG OR COVERED PATIO COVERING THESE DOORS. NO DOUBLE MOOD FRENCH DOORS SHALL BE USED IN
- PROVIDE SECURITY HARDWARE FOR ALL DOORS AND WINDOWS IANCE WITH ALL STATE AND LOCAL CODE REQUIREMENTS.
- ALL AUTOMATIC GARAGE DOOR OPENERS REQUIRE THE INCLUSION OF A PHOTOELECTRIC SENSOR, EDGE SENSOR OR SOME OTHER SIMILAR DEVICE FOR REMOTE OPERATION AND AS A SAFETY PRE-CAUTION TO PREVENT THE DOOR FROM CLOSING MHEN SOMETHING IS BLOCKING THE PATH OF THE DOOR. SEE MANUFACTURER'S INSTALLTION INSTRUCTIONS
- ALL MANUFACTURED WINDOWS AND SLIDING GLASS DOORS SHAL 6. MEET THE AIR INFILTRATION STANDARDS OF THE CURRENT AMERICAN FIBER CEMENT SIDING SHALL BE APPLIED OVER SHEATHING OR MATERIALS LISTED INATIONAL STANDARDS INSTITUTE A.S.T.M. E283-73 WITH A PRESSURE DIFFERENTIAL OF 1.57 POUNDS PER SQUARE FOOT AND SHALL BE CERTIFIED AND LABELED
  - BASEMENTS, HABITABLE ATTICS AND EVERY SLEEPING ROOM SHALL AVE AT LEAST ONE OPENABLE EMERGENCY ESCAPE AND RESCUE OPENING
  - WHERE EMERGENCY ESCAPE AND RESCUE OPENINGS ARE PROVIDED 8. SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44 INCHES ABOVE THE FLOOR.
  - EMERGENCY ESCAPE AND RESCUE OPENINGS WITH A FINISHED SILL HEIGHT BELOW THE ADJACENT GROUND ELEVATION SHALL BE PROVIDED WITH A ٩. WINDOW WELL

# DOORS & WINDOWS (continued)

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF NOT LESS THAN 5 SQUARE FEET IN THE CASE OF GROUND FLOOR LEYEL WINDOW AND NOT LESS THAN 5.T SQUARE FEET IN THE CASE OF AN UPPER STORY WINDOW.
- EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMUM CLEAR OPENING HEIGHT OF 24 INCHES.
- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING WIDTH OF 20 INCHES.
- EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL BE OPERATIONAL FROM THE INSIDE OF THE ROOM WITHOUT THE USE OF KEYS, TOOLS OF SPECIAL KNOWLEDGE.
- THE MINIMUM HORIZONTAL AREA OF THE WINDOW WELL SHALL BE 9 SQUARE FEET, NITH A MINIMUM HORIZONTAL PROJECTION AND WIDTH OF 36 INCHES. THE AREA OF THE WINDOW WELL SHALL ALLOW HERREFEVEY ESCAPE AND RESCUE OFENING TO BE FULLY OFENED PERT THE N.G.-R THE LADDER OR STEPS REQUIRED SHALL BE PERMITTED TO ENCROACH A MAXIMUM OF 6" INTO THE REQUIRED SHALL DE PERMITTED TO ENCROACH A MAXIMUM OF 6"
- MINDOW WELLS WITH A VERTICAL DEPTH GREATER THAN 44 INCHES SHALL BE EQUIPPED WITH A PERMANENTLY AFFIXED LADDER OR STEPS USABLE WITH THE WINDOW IN THE FULLY OPEN POSITION.
- BARS GRILLES COVERS SCREENS OR SIMILAR DEVICES ARE PERMITTED TO BARS, GRILLES, COVERS, SCREENS OR SIMILAR DEVICES ARE PERMITTED TO BE PLACED OVER EMREGENCY ESCAPE AND RESCUE OPENNES, BULKHEAD ENCLOSURES, OR WINDOW WELLS THAT SERVE SUCH OPENNES, PROVIDED THE MINIMUM NET CLEAR OPENNES SUE COMPLES WITH THE NC-R AND SUCH DEVICES SHALL BE RELEASABLE OR REMOVABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL KNONLEDE OR FORCE GREATER THAN THAT WHICH IS REQUIRED FOR NORMAL OPERATION OF THE ESCAPE AND RESCUE OPENING
- ALL INTERIOR EGRESS DOORS AND A MINIMUM OF ONE EXTERIOR EGRESS The Interval Barleys Louves and a minimum of one exterior eggess Door shall be readull of openable from the side from which egges Is to be made without the use of a key or special knowledge or Effort.

#### GLAZING & SAFETY GLAZING

3.4

- HABITABLE ROOMS SHALL HAVE AN AGGREGATE GLAZING AREA OF NOT LESS THAN & PERCENT OF THE FLOOR AREA OF SUCH ROOMS. NATURAL VENTILATION SHALL BE THROUGH WINDOWS, SKYLIGHTS, DOORS, LOUVERS OR OTHER APPROVED OPENINGS TO THE OUTDOOR AIR. SUCH OPENINGS SHALL BE PROVIDED WITH READY ACCESS OR SHALL OTHERWISE BE READILY CONTROLLABLE BY THE BUILDING OCCUPANTS, THE OPENABLE AREA TO THE OUTDOORS SHALL BE NOT LESS THAN 4 PERCENT OF THE FLOOR AREA BEING VENTILATED.
- BATHROOMS, WATER CLOSET COMPARTMENTS AND OTHER SIMILAR 2. ROOMS SHALL BE PROVIDED WITH AGGREGATE GLAZING AREAS I WINDONS OF NOT LESS THAN 3 SQUARE FEET, ONE-HALF OF WHICH MUST BE OPENABLE.
- EXCEPT AS INDICATED, EACH PANE OF GLAZING INSTALLED IN HAZARDOUS LOCATIONS SHALL BE PROVIDED WITH MANUFACTURER'S DESIGNATION SPECIFYING MHO APPLIED THE DESIGNATION, DESIGNATING THE TYPE OF GLASS AND THE SAFETY GLAZING STANDARD WITH MHICH IT COMPLIES, MHICH IS VISIBLE IN THE FINAL INSTALLATION. THE DESIGNATION SHALL BE ACID ETCHED, SANDBLASTED, CERANIC-FIRED, LASER ETCHED, ENBOSSED, OR BE OF A TYPE WHICH ONCE APPLIED CANNOT BE REMOVED WITHOUT DENILS DESTORTED BEING DESTROYED.

INDIVIDUAL GLAZED AREAS, INCLUDING GLASS MIRRORS IN HAZARDOUS

THE FOLLOWING SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSES OF GLAZING:

SLIDING IN ALL TIALD AND DOORS SLIDING AND BIFOLD DOORS SLIDING IN AN INDIVIDUAL FIRED OR OPERABLE PANEL IN THE SAME PLANE AS A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN 24-INCHES OF THE DOOR IN A CLOSED POSITION AND WHOSE BOTTHE EDGE IS LESS THAN 60 INCHES ABOVE THE FLOOR OR MALKING

3.1 EXPOSED AREA OF AN INDIVIDUAL PANE LARGER THAN 9 SQUARE

ONE OR MORE WALKING SURFACES WITHIN 36 INCHES, MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, OF THE GLAZING.

GLAZING IN GUARDS AND RAILINGS, INCLUDING STRUCTURAL BALUSTER PANELS AND NONSTRUCTURAL IN-FILL PANELS, REGARDLESS OF AREA OR HEIGHT ABOYE A MALKING SURFACE.

GLAZING IN DOORS AND ENCLOSURES FOR HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS AND SHOWERS, GLAZING ENCLOSING THESE COMPARTMENTS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES MEASURED

GLAZING IN WALLS AND FENCES ENCLOSING INDOOR AND OUTDOOR SWIMMING POOLS, HOT TUBS AND SPAS IMPERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE A WALKING SURFACE AND WITHIN 60 INCHES HORIZONTALLY OF THE WATER'S EDGE. THIS

LL APPLY TO SINGLE GLAZING AND ALL PANES IN MULTIPLE

GLAZING ADJACENT TO STAIRWAYS, LANDINGS AND RAMPS WITHIN 36 INCHES HORIZONTALLY OF A WALKING SURFACE WHEN THE EXPOSED

SLAZING ADJACENT TO THE LANDING AT THE BOTTOM OF STAIRWAYS NHERE THE GLAZING IS LESS THAN 36 INCHES ABOVE THE LANDING AND WITHIN A 60-INCH HORIZONTAL ARC LESS THAN 180 DEGREES FROM THE BOTTOM TREAD NOSING.

SURFACE OF THE GLAZING IS LESS THAN 36 INCHES ABOVE THE PLANE

VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE.

THE ADJACENT WALKING SURFACE.

HINGED SHOWER DOORS SHALL OPEN OUTWARD.

CONSERVATION CODE

GLAZING SHALL BE IN ACCORDANCE WITH ENERGY COMPLIANCE

CALCULATIONS BASED ON A LOCALLY ADOPTED ENERGY CODE, THE MODEL ENERGY CODE OR THE INTERNATIONAL ENERGY

IN DWELLING UNITS, WHERE THE OPENING OF AN OPERABLE WINDOW IS

FLOOR OF THE ROOM IN WHICH THE WINDOW IS LOCATED. OPERABLE

SECTIONS OF WINDOWS SHALL NOT PERMIT OPENINGS THAT ALLOW

ARE LOCATED WITHIN 24 INCHES (610 MM) OF THE FINISHED FLOOR

LOCATED MORE THAN 12 INCHES (1829 MM) ABOVE THE FINISHED GRADE OR SURFACE BELOW, THE LOWEST PART OF THE CLEAR OPENING OF THE

NINDOW SHALL BE A MINIMUM OF 24 INCHES (610 MM) ABOVE THE FINISHED

PASSAGE OF A 4 INCH (102 MM) DIAMETER SPHERE WHERE SUCH OPENINGS

GLAZING IN ALL FIXED AND OPERABLE PANELS OF SWINGING,

GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL THAT MEETS ALL OF THE FOLLOWING CONDITIONS:

3.2 BOTTOM EDGE LESS THAN 18 INCHES ABOVE THE FLOOR

3.3 TOP EDGE MORE THAN 36 INCHES ABOVE THE FLOOR

LOCATIONS SHALL PASS THE TEST REQUIREMENTS OF CPSC 16 CFR, PART 1201. GLAZING SHALL COMPLY WITH CPSC 16.

# FINISHES

### GYPSUM BOARD

GYPSUM WALLBOARD SHALL BE INSTALLED IN CONFORMANCE WITH THE CURRENT EDITION OF THE NORTH CAROLINA RESIDENTIAL CODE AND ALL STATE AND LOCAL BUILDING CODES. THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.

MATERIALS, ALL SYPSUM BOARD MATERIALS AND ACCESSORIES SHALL CONFORM TO ASTM < 22, < 475, < 514, < 1002, < 1047, < 117, < 117, < 117, < 117, < 117, < 117, < 117, < 117, < 117, < 119, < 120, < 1396, < 07, < 1650, AND SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THE N.C.R. ADHESIVES FOR THE INSTALLATION OF GYPSUM BOARD SHALL CONFORM TO ASTM < 557.

SYPSUM BOARD MATERIALS SHALL CONFORM TO THE APPROPRIATE STANDARDS LISTED IN THE NG.-R WHERE REQUIRED FOR FIRE PROTECTION, CONFORM TO THE NG.-R

INTERIOR GYPSUM BOARD SHALL NOT BE INSTALLED WHERE IT IS DIRECTLY EXPOSED TO THE WEATHER OR TO WATER.

ALL EDGES AND ENDS OF GYPSUM BOARD SHALL OCCUR ON THE FRAMING MEMBERS, EXCEPT THOSE EDGES AND ENDS THAT ARE PERFENDICULAR TO THE FRAMING MEMBERS. EDGES AND ENDS OF GYPSUM BOARD SHALL BE IN MODERATE CONTACT EXCEPT IN CON-CEALED SPACES WHERE FIRE-RESISTACE-RATED CONSTRUCTION, SHEAR RESISTANCE, OR DIAPHRAGM ACTION IS NOT REQUIRED. CEALED SPACES WHERE FIRE-RESISTACE-RATED CONSTRUCTION.

FASTENERS AT THE TOP AND BOTTOM PLATES OF VERTICAL ASSEMBLIES, FASTENERS AT THE TOP AND BOTTOM PLATES OF VERTICAL ASSEMBLIES, OR THE EDGES AND ENDS OF HORIZONTAL ASSEMBLIES PERPENDICULAR TO SUPPORTS, AND AT THE WALL LINE MAY BE OMITTED EXCEPT ON SHEAR-RESISTING ELEMENTS OR FIRE- RESISTIVE ASSEMBLIES, FASTENERS ALL BE APPLIED IN SUCH A MANNER AS NOT TO FRACTURE THE FACE PAPER WITH THE FASTENER HEAD.

GYPSUM BOARD USED AS THE BASE OR BACKER FOR ADHESIVE SITES AND ADDRESS AND ADDRESS TO A ADDRESS TO A ADDRESS TO ADDRESS AND ADDRESS CEILINGS WHERE FRAMING SPACING DOES NOT EXCEED 12 INCHES ON CENTER FOR 1/2-INCH-THICK OR 16 INCHES FOR 5/8-INCH-THICK GYPSUM BOARD WATER-RESISTANT GYPSUM BOARD SHALL NOT BE INSTALLED OVER A VAPOR RETARDER IN A SHOWER OR TUB COMPARTMENT, OUT OR EXPOSED EDGES, INCLUDING THOSE AT WALL INTERSECTIONS, SHALL BE SEALED AS RECOMMENDED BY THE MANUFACTURER.

WATER RESISTANT GYPSUM BACKING BOARD SHALL NOT BE USED WHERE THERE WILL BE DIRECT EXPOSURE TO WATER, OR IN AREAS SUBJECT TO CONTINUOUS HIGH HUMIDITY

WHEN APPLYING A WATER-BASED TEXTURE MATERIAL. THE MINIMUM MICH AFFLING AVAILARED SCHULTER IN LEXING, THE HINNING GYPSUM BOARD THICKNESS SHALL BE INCREASED FROM 3/3 INCH TO 1/2 INCH FOR 16-INCH ON CENTER FRAMING OR 1/2 INCH SAG-RESISTANT GYPSUM CEILING BOARD SHALL BE USED.

#### EXTERIOR LATH

ALL LATH AND LATH ATTACHMENTS SHALL BE OF CORROSION RESISTANT MATERIAL

BACKING OR A LATH SHALL PROVIDE SUFFICIENT RIGIDITY TO PERMIT PLASTER APPLICATION.

WHERE LATH ON VERTICAL SURFACES EXTENDS BETWEEN RAFTERS OR OTHER SIMILAR PROJECTING MEMBERS, SOLID BACKING SHALL BE INSTALLED TO PROVIDE SUPPORT FOR LATH AND ATTACHMENTS.

GYPSUM LATH OR GYPSUM BOARD SHALL NOT BE USED, EXCEPT THAT ON HORIZONTAL SUPPORTS OF CEILINGS OR ROOF SOFFITS IT MAY BE USED AS BACKING FOR METAL LATH OR WIRE FABRIC LATH AND CEMENT PLASTER

UNLESS SPECIFIED OTHERWISE, ALL WALL COVERINGS SHALL BE SECURELY UNLESS SPECIFIED OTHERNIS, ALL NALL COVENINGS SHALL BE SECURELT FASTENED FER THE N.C. ROR WITH OTHER APPROVED ALUMINM, STAINLESS STEEL, ZINC-COATED OR OTHER APPROVED CORROSION-RESISTIVE FASTENERS, NHERE THE BASIC WIND SPEED IS 110 MILES PER HOUR OR HIGHER, THE ATTACHMENT OF WALL COVERINGS SHALL BE DESIGNED TO RESIST THE COMPONENT AND CLADDING LOADS SPECIFIED AND ADJUSTED FOR HEIGHT AND EXPOSURE.

A MINIMUM 0.019-INCH (NO. 26 GALVANIZED SHEET GAGE), CORROSION-RESISTANT WEEP SCREED OR PLASTIC WEEP SCREED, WITH A MINIMUM VERTICAL. ATTACHMENT FLANGE OF 31/2 INCHES SHALL BE PROVIDED AT OR BELOW THE FOUNDATION PLATE LINE ON EXTERIOR STUD MALLS IN ACCORDANCE WITH ASTM C 926. THE HEEP SCREED SHALL BE PLACED A MINIMUM OF 4 INCHES ABOVE THE EARTH OR 2 INCHES ABOVE PLACED A MINIMUM OF 4 INCHES ABOVE THE EARTH OR 2 INCHES ABOVE PLACED A REAS AND SHALL BE OF A TYPE THAT WILL ALLOW TRAPPED WATER TO DRAIN TO THE EXTERIOR OF THE BUILDING. THE WEATHER-RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED. A MINIMUM O.019-INCH (NO. 26 GALVANIZED SHEET GAGE),

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PLASTERING WITH PORTLAND CEMENT PLASTER SHALL BE NOT LESS THAN THREE COATS WHEN APPLIED OVER METAL LATH OR WIRE LATH AND SHALL BE NOT LESS THAN TWO COATS WHEN APPLIED OVER MASONRY, CONCRETE, PRESSURE-PRESERVATIVE TREATED WOOD OR DECAT-RESISTANT WOOD OR SYPSUM BACKING. IF THE PLASTER SURFACE IS COMPLETELY COVERED BY VENEER OR OTHER FACING MATERIAL, OR IS COMPLETELY CONCEALED, PLASTER APPLICATION NEED BE ONLY TWO COATS, PROVIDED THE TOTAL THICKNESS IS AS SET FORTH PER THE N.C.-R

ON WOOD-FRAME CONSTRUCTION WITH AN ON-GRADE FLOOR SLAB SYSTEM EXTERIOR FLASTER SHALL BE APPLIED TO COVER, BUT NOT EXTEND BELOF LATH, PAPER AND SCREED.

THE PROPORTION OF AGGREGATE TO FIBER CEMENT MATERIALS SHALL BE FORTH PER THE N.C.-R

ONLY APPROVED PLASTICITY AGENTS AND APPROVE AMOUNTS THEREOF MAY BE ADDED TO PORTLAND CEMENT. WHEN PLASTIC CEMENT IS USED, NO ADDITIONAL LINE OR PLASTICIZERS SHALL BE ADDED. HYDRATED LIME OR THE EQUIVALENT AMOUNT OF LIME FUTTY USED AS A PLASTICIZER MAY BE ADDED TO CEMENT PLASTER OR CEMENT AND LIME PLASTER IN AN AMOUNT NOT TO EXCEED THAT SET FORTH IN ASTM C 926

GYPSUM PLASTER SHALL NOT BE USED ON EXTERIOR SURFACES

PLASTER COATS SHALL BE PROTECTED FROM FREEZING FOR A PERIOD OF NOT LESS THAN 24 HOURS AFTER SET HAS OCCURRED PLASTER SHALL BE APPLIED WHEN THE AMBIENT TEMPERATURE IS HIGHER THAN 40 DEGREES F (4 DEGREES C), UNLESS PROVISIONS ARE MADE TO KEEP CEMENT PLASTER WORK ABOVE 40 DEGREES I (4 DEGREES C), PRIOR TO & DURING APPLICATION AND 48 HOURS HEREAFTER

COLOR AND FINISH TO BE SELECTED AND APPROVED BY OWNER/ BUILDER AND ARCHITECT

A I-COAT EXTERIOR PLASTER SYSTEM SUCH AS "MAGNA WALL" I.C.C. NO. ER-4776. "EXPO FIBREWALL" I.C.C. NO. ER-4368. OR APPROVED EQUAL MAY BE USED IN LIEU OF A 3-COAT EXTERIOR PLASTER SYSTEM



**RALEIGH-DURHAM** 

40' SERIES

# MECHANICAL & PLUMBING

### H.V.A.C

- ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN CONFORMANCE WITH THE NORTH CAROLINA RESIDENTIAL AND MECHANICAL CODE. INSTALLATIONS OF MECHANICAL APPLIANCES, EQUIPMENT AND SYSTEMS NOT ADDRESSED BY THIS CODE SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF THE NORTH CAROLINA RESIDENTIAL AND FUEL GAS CODE.
- CONTRACTOR SHALL DESIGN ENTIRE H.V.A.C. SYSTEM AND SUBMIT DRAWINGS FOR OWNER/BUILDER'S APPROVAL PRIOR TO ORDERIN MATERIALS OR EQUIPMENT.
- WHERE AIR CONDITIONING IS AN OPTIONAL FEATURE, HEATING SYSTEMS MUST BE DESIGNED AND DUCT WORK SIZED TO ACCOMMODATE FUTURE AIR CONDITIONING NEEDS.
- WHERE THE PRIMARY HEATING SYSTEM IS A FORCED-AIR FURNACE, AT LEAST ONE THERMOSTAT PER DWELLING UNIT SHALL BE CAPABLE OF CONTROLLING THE HEATING AND COOLING SYSTEM ON A DAILY SCHEDULE TO MAINTAIN DIFFERENT THEMERATURE SET POINTS AT DIFFERENT THES OF THE DAY. THIS THERMOSTAT SHALL INCLUDE THE CAPABILITY TO SET BACK OR TEMPORARILY OPERATE THE SYSTEM TO MAINTAIN ZONE TEMPERATURES DOWN TO 55 DEG. F (13 C) OR UP TO 85 DEG. F (29 C).
- 5. ALL DUCTWORK SHALL CONFORM TO THE REQUIREMENTS OF THE
- COMBUSTION AIR SHALL BE PROVIDED FOR FORCED AIR UNITS IN ACCORDANCE WITH N.C.-R
- CONTRACTOR TO PROVIDE BOOT IN DUCTWORK WHEN OPTIONAL "HONEYWELL" OR "CARRIER" ELECTRONIC AIR CLEANER IS PROVIDED. 7.
- 8. DUCTS IN THE GARAGE AND DUCTS PENETRATING THE WALLS OR CEILINGS EEPARATING THE DWELLING FROM THE GARAGE SHALL BE CONSTRUCTED OF A MINIMUM NO. 26 GAGE SHEET STEEL OR OTHER APPROVED MATERIAL AND SHALL HAVE NO OPENINGS INTO THE GARAGE PER N.C.-R
- EXTERIOR-GRADE INSTALLATIONS. EQUIPMENT AND APPLIANCES INSTALLED ABOVE GRADE LEVEL SHALL BE SUPPORTED ON A SOLID BASE OR APPROVED MATERIAL A MINIMUM OF 2 INCHES THICK.
- 10. UNDER-FLOOR INSTALLATION. SUSPENDED EQUIPMENT SHALL BE A MINIMUM OF 6 INCHES ABOVE THE ADJOINING GRADE.
- CRAWL SPACE SUPPORTS. IN A CRAWL SPACE, A MINIMUM OF 2-INCH CRAFL STACE SOFTCRIS. IN A CRAFL STACE, A MINIMUM OF 2010 THICK SOLID BASE, 2-1004 (SI MW) THICK FORMED CONCETE, OR STACKED MASONRY WITS HELD IN PLACE BY MORTAR OR OTHER APPROVED METHOD. THE MATER HEATER SHALL BE SUPPORTED NOT LESS THAN 2 INCHES ABOVE GRADE.
- 12. DRAINAGE. BELOW-GRADE INSTALLATIONS SHALL BE PROVIDED WITH A NATURAL DRAIN OR AN AUTOMATIC LIFT OR SUMP PUMP. FOR PIT REQUIREMENTS REFER TO N.C.-M

#### VENTING

- IN LIEU OF REQUIRED EXTERIOR OPENINGS FOR NATURAL VENTILATION IN LIEU OF REQUIRED EXTENSOR OFENNES FOR NATURAL VENTILATION IN BATHROOMS CONTAINING A BATHTUR, SHORER OR COMBINATION THEREOF, A MECHANICAL VENTILATION SYSTEM MAY BE PROVIDED. THE MINIMW VENTILATION RATES SHALL BE SO COM FOR INTERMITTENT VENTILATION OR 20 CFM FOR CONTINUOUS VENTILATION, VENTILATION AIR FROM THE SPACE SHALL BE EXHAUSTED DIRECTLY TO THE OUTSIDE FER NO.-R
- 2. EXHAUST DUCTS SHALL TERMINATE OUTSIDE THE BUILDING AND SHALL BE EQUIPPED WITH BACKDRAFT DAMPERS.
- RANGE HOODS SHALL DISCHARGE TO THE OUTDOORS THROUGH A DUCT. THE DUCT SERVING THE HOOD SHALL HAVE A SMOOTH INTERIOR SURFACE, SHALL BE AIR TIGHT, SHALL BE EQUIPPED WITH A BACK-DRAFT DAMPER AND SHALL BE INDEPENDENT OF ALL OTHER EXHAUST SYSTEMS, DUCTS SERVING RANGE HOODS SHALL NOT TERMINATE IN AN ATTIC OR CRAML SPACE OR AREAS INSIDE THE BUILDING, DUCTS SERVING RANGE HOODS SHALL BE CONSTRUCTED OF GALVANIZED STEEL, STAINLESS STEEL OR
- WHERE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND WHERE MECHANICAL OR NATURAL VENTILATION IS OTHERWISE PROVIDED, LISTED AND LABELED DUCTLESS RANGE HOODS SHALL NOT BE REQUIRED TO DISCHARGE TO THE OUTDOORS PER N.C.-M
- DUCTS FOR DOMESTIC KITCHEN COOKING APPLIANCES EQUIPPED WITH DOWN DRAFT EXHAUST SYSTEMS SHALL BE PERMITTED TO BE CONSTRUCTED OF SCHEDULE 40 PVC PIPE PROVIDED THAT TH INSTALLATION COMPLIES WITH ALL OF THE FOLLOWING PER N.C.-M
- THE DUCT SHALL BE INSTALLED UNDER A CONCRETE SLAB POURED ON GRADE.
- THE UNDERFLOOR TRENCH IN WHICH THE DUCT IS INSTALLED SHALL BE COMPLETELY BACKFILLED WITH SAND OR GRAVEL. В.
- THE PVC DUCT SHALL EXTEND NOT GREATER THAN I INCH ABOVE THE INDOOR CONCRETE FLOOR SURFACE. c.
- D. THE PVC DUCT SHALL EXTEND NOT GREATER THAN I INCH ABOVE GRADE OUTSIDE THE BUILDING.
- E. THE PVC DUCTS SHALL BE SOLVENT CEMENTED.
- EXHAUST HOOD SYSTEMS CAPABLE OF EXHAUSTING IN EXCESS OF 400 CPM SHALL BE PROVIDED WITH MAKEUP AIR AT A RATE APPROXIMATELY EQUAL TO THE EXHAUST AIR RATE THAT IS IN EXCESS OF 400 CUBIC FEET PER MINUTE, SUCH MAKEUP AIR SYSTEMS SHALL BE EQUIPPED WITH A TEN MINUE. SOUTH INFOLD FUNCTION STATEMENT OF A STATEMENT OF A STATEMENT OF A STATE STATEMENT CONSTRUCTION
- DOMESTIC WATER HEATERS, UNLESS SPECIFIED OTHERWISE BY THE MANUFACTURERS INSTALLATION INSTRUCTIONS, SHALL BE VENTED TO THE OUTSIDE AIR BY A TYPE B' VENT AND COMPLY WITH THE REQUIREMENTS OF THE N.C.-M

#### PLUMBING

- A POTABLE WATER SUPPLY SYSTEM SHALL BE DESIGNED, INSTALLED 1 AND MAINTAINED IN SUCH A MANNER SO AS TO PREVEN AND THAININATION FROM NONPOTABLE LIQUIDS, SOLIDS OR GASES BEING INTRODUCED INTO THE POTABLE NATER SUPPLY THROUGH CROSS-CONNECTIONS OR ANY OTHER PIPING CONNECTIONS TO THE SYSTEM. BACKFLOW PRE- VENTER APPLICATIONS SHALL CONFORM TO
- 2. THE SUPPLY LINES OR FITTINGS FOR EVERY PLUMBING FIXTURE SHALL BE INSTALLED SO AS TO PREVENT BACKFLOW. PLUMBING FIXTURE FITTINGS SHALL PROVIDE BACKFLOW PROTECTION IN ACCORDANCE WITH ASME AU2.18.1

# MECHANICAL &

# PLUMBING (continued)

8.

- ALL DEVICES, APPLICTENANCES, APPLIANCES AND APPARATUS INTENDED TO SERVE SOME SPECIAL FUNCTION, SUCH AS STERILIZATION, DISTIL-LATION, PROCESSING, COOLING, OR STORAGE OF ICE OR FOODED, AND THAT CONNECT TO THE WATER SUPPLY SYSTEM, SHALL BE PROVIDED WITH PROTECTION AGAINST BACKFLOW AND CONTAMINATION OF THE WATER SUPPLY SYSTEM, WATER FUMPS, FILTERS, SOFTEMERS, TANKS AND ALL OTHER APPLIANCES AND DEVICES THAT HANDLE OR TREAT POTABLE WATER SHALL BE PROTECTED AGAINST CONTAMINATION.
- WATER SERVICE PIPING SHALL BE PROTECTED IN ACCORDANCE WITH N.C.-P SECTIONS AND EXCEPTIONS)
- FIXTURE FITTINGS, FALCETS AND DIVERTERS SHALL BE CONNECTED TO THE WATER DISTRIBUTION SYSTEM SO THAT HOT WATER CORRESPONDS TO THE LEFT SIDE OF THE FITTINGS.
- DIVERTERS FOR SINK FAUCETS WITH A SECONDARY OUTLET CONSISTING OF A FLEXIBLE HOSE AND SPRAY ASSEMBLY SHALL CONFORM TO ASTM AI2.16.11 N ADDITION TO THE REQUIREMENTS IN N.C.-P
- THE INSTALL ATION OF A WATER SERVICE OR WATER DISTRIBUTION PIPE THE INSTALLATION OF A WATER SERVICE OR WATER DISTRIBUTION PIPE SHALL BE FROHIBITED IN SOIL AND GROUND WATER THAT IS CONTAMINATED. GROUND WATER CONDITIONS SHALL BE REQUIRED TO ACCERTAIN THE ACCEPTABULITY OF THE WATER SERVICE OR WATER DISTRIBUTION PIPING MATERIAL FOR THE SPECIFIC INSTALLATION. WHERE DETRIMENTAL CONDITIONS EXIST, APPROVED ALTERNATIVE MATERIALS OR ROUTING SHALL BE REQUIRED.
- WATER DISTRIBUTION PIPE SHALL CONFORM TO NSF 61 AND SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN N.C.-FLUMBING. ALL WATER DISTRIBUTION PIPE AND TUBING SHALL HAVE A MINIMUM PRESSURE RATING OF 100 PSI AT 180 DEGREES F.
- PIPE PASSING THROUGH CONCRETE OR CINDER WALLS AND FLOORS OR FILE PASING INCOME CONCELLE OF UNIT AND ALL AND A AND FLOORS ON OTHER CORROSIVE MATERIAL SHALL BE PROTECTED AGAINST EXTERNAL CORROSION BY A PROTECTIVE SHEATHING OR WRAPPING OR OTHER MEANS THAT MILL WITHSTAND ANY REACTION FROM THE LINE AND ACID OF CONCRETE, CINDER OR OTHER CORROSIVE MATERIAL SHEATHING OR WRAPPING SHALL ALLOW FOR EXPANSION AND CONTRACTION OF PIPING TO PREVENT ANY RUBBING ACTION. MINIMUM WALL THICKNESS OF MATERIAL SHALL BE 0.025-INCH
- 10. PIPES PASSING UNDER OR THROUGH WALLS SHALL BE PROTECTED FROM PHYSICAL DAMAGE PER NC-R.
- PIPING SHALL BE INSTALLED SO AS TO PREVENT DETRIMENTAL STRAINS FILING STALL BE INSTALLED SO AS INFRAVENT DE INFRANTAS STANIS AND STREESES IN THE PIPE. PROVISIONS SHALL BE MADE TO PROTECT PIPING FROM DAMAGE RESULTING FROM EXPANSION, CONTRACTION AND STRUCTURAL STRESSES OR STRAINS WITHIN BUILDING COMPONENTS.
- WATER PIPES INSTALLED IN A WALL EXPOSED TO THE EXTERIOR SHALL BE LOCATED ON THE HEATED SIDE OF THE WALL INSULATION, IN OTHER CASES, WATER, SOLL AND PASTE PIPES SHALL NOT BE INSTALLED OUTSIDE OF A BUILDING, IN WOONDITIONED ATTICS, INCONDITIONED UTILITY ROOMS OR IN ANY OTHER FLACE SUBJECTED TO FREEZING TEMPERATURES UNLESS ADEQUATE PROVISION IS MADE TO PROTECT SUCH PIPES FROM FREEZING BY A WINNIM OF R-65 INSULATION DETERMINED AT 15 DEG. F IN ACCORDANCE WITH ASTM CITT OR HEAT OR BOTH 12.

OR BOTH. EXTERIOR WATER SUPPLY SYSTEM PIPING SHALL BE INSTALLED NOT LESS THAN 6 INCHES BELOW THE FROST LINE AND NOT LESS THAN 12 INCHES BELOW GRADE.

- BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS 13.
- BUILDING SEMER PIPE FITTINGS SHALL BE APPROVED FOR INSTALLATION WITH THE PIPING MATERIAL INSTALLED AND SHALL CONFORM TO THE RESPECTIVE PIPE STANDARDS OR ONE OF THE STANDARDS LISTED IN
- WHERE WASTE LINE DROPS OCCUR IN A LOCATION WHERE THE SOUND OF A FLUSHED TOILET MAY BE INDESIRABLE, SUCH AS IN WALLS OR PARTITIONS ADJACENT TO EATING ROOMS, USE CAST IRON PIPING OR SIMILAR APPROVED HARD OR DENSE PIPING TO MITIGATE SOUND. 15.
- CLEANOUTS ON BUILDING SEWERS SHALL BE LOCATED AS SET FORTH IN 16.
- THE MAXIMUM WATER CONSUMPTION FLOW RATES AND QUANTITIES FOR ALL PLUMBING FIXTURES SHALL BE IN ACCORDANCE WITH N.C.-R.
- INDIVIDUAL SHOWER AND TUB/SHOWER COMBINATION VALVES SHALL BE EQUIPPED NITH CONTROL VALVES OF THE PRESSURE-BALANCE, THERMOSTATIC-MIXING OR COMBINATION PRESSURE-BALANCE/ THERMOSTATIC-MIXING VALVE TYPES WITH A HIGH LIMIT STOP IN ACCORDANCE WITH ASSE 10/6/ ASSME AIL210/6CSA BIZZIG, AND SHALL E INSTALLED AND ADJISTED PER MANUFACTURE'S INSTRUCTIONS. AND SHALL BE
- GAS AND ELECTRIC WATER HEATERS HAVING AN IGNITION SOURCE SHALL ELEVATED SUCH THAT THE SOURCE OF IGNITION IS NOT LESS THAN 18 INC ABOVE THE GARAGE FLOOR. REFER TO N.C.-R FOR EXCEPTION.
- WATER HEATERS, (USING SOLID, LIQUID OR GAS FUEL) WITH THE EXCEPTION OF THOSE HAVING DIRECT VENT SYSTEMS, SHALL NOT BE INSTALLED IN BATHROOMS AND BEDROOMS OR IN A CLOSET WITH ACCESS ONLY THROUGH A BEDROOM OR BATHROOM, HOVEVER, WATER HEATERS OF THE AUTOMATIC STORAGE TYPE MAY BE INSTALLED AS REPLACEMENT IN A BATHROOM, WHEN APPROVED BY THE PLUMBING OFFICIAL, PROVIDED THEY ARE VENTED AND SUPPLIED WITH ADEQUATE COMBUSTION AIR. 20.
- IN SEISMIC DESIGN CATEGORIES DO, DI AND D2 AND TOWNHOUSES IN SEISMIC DESIGN CATEGORY C, WATER HEATERS SHALL BE ANCHORED OR STRAPPED IN THE UPPER ONE-THIED AND IN THE LOWER ONE-THIRD OF THE APPLIANCE TO RESIST A HORIZONTAL FORCE EQUAL TO ONE-THIRD OF THE APPLIANCE MEIGHT OF THE WATER HEATER, ACTING IN ANY HORIZONTAL DIRECTION, OR IN ACCORDANCE WITH THE APPLIANCE MANUFACTURER'S RECOMMENDATIONS. 21
- 22. APPLIANCES LOCATED IN A GARAGE OR CARPORT SHALL BE PRO-TECTED FROM IMPACT BY A MOVING VEHICLE.
- 23. WHERE WATER HEATERS OR HOT WATER STORAGE TANKS ARE INSTALLED IN: MERCE MAILER HEATERS OR HOT MAILER STORAGE LANDS ARE NOT ALLEN IN: REMOTE LOCATIONS SUCH AS SUSPENDED CEILINE, ATTICS, ABOVE OCCUPIED SPACES, OR UNVENTILATED CRANL SPACES, A LOCATION WHERE WATER LEAKAGE FROM THE TANK WILL CAUSE DAMAGE TO PRIMARY STRUCTURAL MEMBERS, THE TANK OR WATER HEATER SHALL BE INSTALLED IN A GALVANIZED STEEL PAN HAVING A MINIMUM THICKNESS OF 24 GAGE, OR OTHER PANS APPROVED FOR SUCH USE.
- WHERE CLOTHES WASHING MACHINES ARE LOCATED ON WOOD FRAMED 24 FLOORS WHERE LEAKAGE WOULD CAUSE DAMAGE, A GALVANIZED STEEL PAN HAVING A MINIMUM THICKNESS OF 24 GAGE, OR OTHER PANS APPROVED FOR SUCH USE SHALL BE PROVIDED

# MECHANICAL & PLUMBING (continued)

- APPLIANCES AND EQUIPMENT USED FOR HEATING WATER OR STORING HOT WATER SHALL BE PROTECTED BY A SEPARATE PRESSURE-RELIEF VALVE AND A SEPARATE TEMPERATURE- RELIEF VALVE OR A COMBINATION PRESSURE-AND-TEMPERATURE RELIEF VALVE RELIEF VALVE SHALL HAVE A MINIMUM RATED CAPACITY FOR THE EQUIPMENT SERVED AND SHALL CONFORM TO ANSI 221.22. THE RELIEF VALVE SHALL NOT BE USED AS A MEANS OF CONTROLLING THERMAL EXPANSION.
- THE WATER SUPPLY TO A DISHWASHER SHALL BE PROTECTED AGAINST BACKFLON BY AN AIR GAP COMPLYING WITH ASME AII2.13 OR AII2.12 THAT IS INSTALLED INTEGRALLY WITHIN THE MACHINE OR A BACKFLOW PREVENTER IN ACCORDANCE WITH THE NC-R. 26.
- SINK AND DISHWASHER, THE COMBINED DISCHARGE FROM A DISHWASHER AND A ONE- OR TWO-COMPARTMENT SINK, WITH OR WITHOUT A FOOD-WASTE DISPOSER, SHALL BE SERVED BY A TRAP OF NOT LESS THAN II/2 INCHES (36 MH) IN OUTSIDE DIAMETER. THE DISHWASHER DISCHARGE PIPE OR TUBING SHALL RISE TO THE UNDERSIDE OF THE CONTRE' AND SHALL BE SECURELY FASTENED TO THE UNDERSIDE OF THE SINK RIM OR COUNTER BEFORE CONNECTING TO THE HEAD OF THE FOOD-WASTE DISPOSER OR TO A WYE FITTING IN THE SINK TAILPIECE.

#### FIREPLACES

- FACTORY-BUILT FIREPLACES SHALL BE LISTED AND LABELED AND SHALL BE INSTALLED IN ACCORDANCE WITH THE CONDITIONS OF THE LISTING. FACTORY-BUILT FIREPLACES SHALL BE TESTED IN ACCORDANCE WITH UL 121.
- 2. FIREPLACES ARE TO BE PROVIDED WITH AN EXTERIOR AIR SUPPLY

# ELECTRICAL

- ALL MATERIALS AND APPLIANCES. INSTALLATION AND CONSTRUCTION METHODS SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE OR CURRENT SAE REQUIREMENTS.
- ALL ELECTRICAL SYSTEMS, CIRCUITS, FIXTURES AND EQUIPMENT SHALL 2. BE GROUNDED IN A MANNER COMPLYING WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
- ALL WIRING SHALL BE SO INSTALLED THAT, WHEN COMPLETED, THE з. SYSTEM WILL BE FREE FROM SHORT CIRCUITS AND FROM GROUNDS OTHER THAN AS REQUIRED OR PERMITTED IN N.E.C. ARTICLE 250.
- ELECTRIC EQUIPMENT SHALL BE INSTALLED IN A NEAT AND WORK-MANI IKE MANNER
- ALL 125-VOLT. SINGLE-PHASE, 15- AND 20-AMPERE RECEPTACLES 5. ALL LEVYOL , STOLET HAS, IS AND EARLINE RECEIPTIONES GROUND- FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL. THE GROUND-FAULT CIRCUIT-INTERRUPTER SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION.
  - A. BATHROOMS.
  - B. GARAGES AND ALSO ACCESSORY BUILDINGS THAT HAVE A FLOOR LOCATED AT OR BELOW GRADE LEVEL NOT INTENDED AS HABITABLE ROOMS AND LIMITED TO STORAGE AREAS, WORK AREAS, AND AREAS OF SIMILAR USE.
  - C. OUTDOORS
  - CRANL SPACES. WHERE THE CRANL SPACE IS AT OR BELOW GRADE LEVEL. D.
- UNFINISHED PORTIONS OR AREAS OF THE BASEMENT NOT INTENDED AS HABITABLE ROOMS. E.
- KITCHENS. WHERE THE RECEPTACLES ARE INSTALLED TO SERVE
- SINKS. WHERE RECEPTACLES ARE INSTALLED WITHIN 6 FT FROM THE TOP INSIDE EDGE OF THE BOWL OF THE SINK.
- BOAT HOUSES.
- BATHTUBS OR SHOWER STALLS WHERE RECEPTACLES ARE INSTALLED MITHIN  $6^{\prime}$  OF THE OUTSIDE EDGE OF THE BATHTUB OR SHOWER STALL.
- J. LAUNDRY AREAS
- DISHWASHER GFCI PROTECTION IS NOT REQUIRED FOR OUTLETS THAT SUPPLY DISHWASHERS INSTALLED IN DWELLING UNIT LOCATIONS
- CRAWL SPACE LIGHTING OUTLETS. GFCI PROTECTION SHALL BE PROVIDED FOR LIGHTING OUTLETS NOT EXCEEDING 120 VOLTS INSTALLED IN CRAWL SPACES.
- APPLIANCE RECEPTACLE OUTLETS INSTALLED IN A DWELLING UNIT FOR SPECIFIC APPLIANCES, SUCH AS LANDRY EQUIPMENT, SHALL BE INSTALLED WITHIN 6 FEET OF THE INTENDED LOCATION OF THE APPLIANCE.
- IN EVERY KITCHEN, FAMILY ROOM, DINING ROOM, LIVING ROOM, PARLOR, LIBRARY, DEN, SUNROOM, BEDROOM, RECREATION ROOM, OR SIMILAR ROOM OR AREA OF DWELLING UNITS, RECEPTACLE OUTLETS SHALL BE INSTALLED SO THAT NO POINT ALONG THE FLOOR LINE IN ANY WALL SPACE IS MORE THAN 6 FEET, MEASURED HORIZONTALLY, FROM AN OUTLET IN THAT SPACE, INCLUDING ANY WALL SPACE 2 FEET OR MORE IN WIDTH (INCLUDING SPACE WALL SPACE 2 FEET OR MORE IN WIDTH (INCLUDING SPACE MEASURED AROUND CORRESS) AND UNBROKEN ALONG THE FLOOR LINE BY DOORNAYS AND SIMILAR OPENINGS, FIREPLACES, AND FIXED CABINETS, AND THE MALL SPACE ACTORDED BY FIXED PANELS IN EXTERIOR WALLS, BUT EXCLUDING SLIDING PANELS IN EXTERIOR MALLS. THE WALL SPACE AFFORDED BY FIXED ROOM DIVIDERS, SUCH AS FREESTANDING BARCHTPE CONTRESS OR RAILINGS, SUCH AS FREESTANDING DARTTPE CONTRESS OR RAILINGS, SUCH AS FREESTANDING THE 6 FOOT MEASUREMENT.
- IN THE KITCHEN, PANTRY, BREAKFAST ROOM, DINING ROOM, OR SIMILAR AREA OF A DWELLING UNIT, THE TWO OR MORE 20-AMPERE SHALL-APPLIANCE BRANCH CIRCUITS REQUIRED SHALL SERVE ALL WALL AND FLOOR RECEPTACLE UTLETS, ALL CONTERTOP UTLETS, AND RECEPTACLE OUTLETS FOR REFRIGERATION EQUIPMENT. THE TWO OF MORE SMALL-APPLIANCE BRANCH CIRCUITS SHALL HAVE NO OTHER OUTLETS
- 10. IN KITCHENS, PANTRIES, BREAKFAST ROOMS, DINING ROOMS AND SIMILAR AREAS OF DWELLING UNITS, RECEPTACLE OUTLETS FOR COUNTER SPACES SHALL BE INSTALLED IN ACCORDANCE WITH THE
- (I) A RECEPTACLE OUTLET SHALL BE INSTALLED AT EACH WALL COUNTER SPACE 12 INCHES OR WIDER. RECEPTACLE OUTLETS SHALL BE INSTALLED SO THAT NO POINT ALONG THE WALL LINE IS MORE THAN 24 INCHES MEASURED HORIZONTALLY FROM A RECEPTACLE OUTLET IN THAT SPACE.

# ELECTRICAL (continued)

- (2) AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED AT EACH ISLAND COUNTER SPACE WITH A LONG DIMENSION OF 24 INCHES OR GREATER AND A SHORT DIMENSION OF 12 INCHES OR GREATER.
- AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED AT EACH PENNSULAR COUNTER SPACE WITH A LONG DINENSION OF 24 INCHES OR GREATER AND A SHORT DIMENSION OF 12 INCHES OR GREATER. A PENNSULAR COUNTERTOP IS MEASURED FROM CONNECTING PERPENDICULAR WALL.
- TWO SEPARATE COUNTERTOP SPACES. EACH COUNTERTOP SPACE SHALL COMPLY WITH APPLICABLE REQUIREMENTS.
- (5) RECEPTACLE OUTLETS SHALL BE LOCATED NOT MORE THAN 20 INCHES ABOVE THE COUNTERTOP, RECEPTACLE OUTLETS RENDERED NOT READILY ACCESSIBLE BY APPLIANCES FASTENED IN PLACE, APPLIANCE GARASES, SINCS, OR RANGETORS AS COVERED IN 4) ABOVE, OR APPLIANCES OCCUPYING DEDICATED SPACE SHALL NOT BE CONSIDERED AS THESE REQUIRED OUTLETS.
- AT LEAST ONE WALL RECEPTACLE OUTLET SHALL BE INSTALLED IN BATHROOMS WITHIN 3 FEET OF THE OUTSIDE EDGE OF EACH BASIN, THE RECEPTACLE OUTLET SHALL BE LOCATED IN WALL OR PARTITION THAT IS ADJACENT TO THE BASIN OR BASIN CONTERTOP, OR INSTALLED ON THE SIDE OR FACE OF THE BASIN CABINET NOT MORE THAN 12" BELOW THE COUNTERTOP
- 12. IN DWELLING UNITS, AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED IN AREAS DESIGNATED FOR THE INSTALLATION OF LAUNDRY EQUIPMENT.
- IN EACH ATTACHED GARAGE AND IN EACH DETACHED GARAGE WITH 13. ELECTRIC POWER, THE BRANCH CIRCUIT SUPPLYING THI ELECTION FOR THE MALE NOT SUPPLY OUTLIES OUTSIDE OF THE GARAGE. AT LEAST ONE RECEPTACLE OUTLIET SHALL BE INSTALLED IN EACH VEHICLE BAY.
- 14. CABLE- OR RACEWAY-TYPE WIRING METHODS INSTALLED IN A GROOVE. TO BE COVERED BY HALLE VIRING PILINDS INFINILLEU IN GOVE, TO BE COVERED BY WALLEBOARD, SIDING, PANELING, CARPETING, OK SIMILAR FINISH, SHALL BE PROTECTED BY 1/16 INCH THICK STEEL PLATE, SLEEVE, OK EQUIVALENT OR BY NOT LESS THAN I-1/4 INCH TREE SPACE FOR THE FULL LENGTH OF THE GROOVE IN WHICH THE CABLE OR RACEWAY S INSTALLED.
- 15. RECEPTACLES IN DAMP OR WET LOCATIONS.

17.

18.

OCATION

UNIQUE COMBINATION

CONNECTED TO A CENTRAL STATION

WITH THE NC-R R314.3

SMOKE DETECTORS

2

З.

- A RECEPTACLE INSTALLED OUTDOORS IN A LOCATION PROTECTED FROM WEATHER OR IN OTHER DAMP LOCATIONS SHALL HAVE AN ENCLOSURE FOR THE RECEPTACLE THAT IS WEATHERRROOF WHEN THE RECEPTACLE IS COVERED. (ATTACHNENT PLUG CAP NOT INSERTED AND RECEPTACLE COVERS CLOSED.)
- ALL IS- AND 20- AMPERE, I25- AND 250-VOLT RECEPTACLES INSTALLED IN A WET LOCATION SHALL HAVE AN EXCLOSURE THAT IS WEATHER PROOF WHETHER OR NOT THE ATTACHMENT PLUG CAP IS INSERTED. AN OUTLET BOX HOOD INSTALLED FOR THIS PURPOSE SHALL BE LISTED AND SHALL BE IDENTIFIED AS "EXTRA DUT". ALL IS- AND 20- AMPERE, IS- AND 250-VOLT NONLOCKING RECEPTACLES SHALL BE LISTED WEATHER RESISTANT TYPE.

I6. LIGHTING EQUIPMENT. NOT LESS THAN 15 PERCENT OF THE PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL CONTAIN ONLY HIGH-EFFICACY LAMPS

ALL 120-VOLT, SINGLE PHASE, IS- AND 20-AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES INSTALLED IN DWELLING UNIT FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLINAYS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERVIETERS), COMBINATION-TYPE, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT. THE ARC-FAULT CIRCUIT INTERVIETER SHALL BE INSTALLED IN A DEADING TA COCHSIELE

BUILDINGS SHALL BE PROVIDED WITH APPROVED ADDRESS IDENTIFICATION. THE ADDRESS IDENTIFICATION SHALL BE LEGIBLE AND PLACED IN A POSITION THAT IS VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY.

. RECEPTACLES LOCATED MORE THAN  $5^{1}_{2}$  Above the FLOOR.

4. NON-GROUNDING RECEPTACLES USED FOR REPLACEMENTS

DIMMER-CONTROLLED RECEPTACLES. A RECEPTACLE SUPPLYING LIGHTING LOADS SHALL NOT BE CONNECTED TO A DIMMER UNLESS THE PLUGRECEPTACLE COMBINATION IS A NONSTANDARD CONFIGURATION TYPE THAT IS SECFICALLY LISTED AND IDENTIFIED FOR EACH SUCH

SMOKE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH THE APPROVED MANUFACTURER'S INSTRUCTIONS AND NC-R R314

HOUSEHOLD FIRE WARNING EQUIPMENT PROVISIONS OF NFPA 12

ALL SMOKE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 217 AND INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THIS CODE AND THE

HOUSEHOLD FIRE ALARM SYSTEMS INSTALLED IN ACCORDANCE WITH NEPA

ALARM SYSTEM SHALL PROVIDE THE SAME LEVEL OF SMOKE DETECTION

AND ALARM AS REQUIRED BY THE NC-R FOR SMOKE ALARMS IN THE

EVENT THE FIRE ALARM PANEL IS REMOVED OR THE SYSTEM IS NOT

REQUIRED SMOKE DETECTORS SHALL BE LOCATED IN ACCORDANCE

72 THAT INCLUDE SMOKE ALARMS, OR A COMBINATION OF SMOKE DETECTOR

AND AUDIBLE NOTIFICATION DEVICE INSTALLED AS REQUIRED BY THE NC-R R314.3 FOR SMOKE ALARMS, SHALL BE PERMITTED. THE HOUSEHOLD FIRE

THIS CODE AND THE

2. RECEPTACLES THAT ARE PART OF A LUMINAIRE OR APPLIANCE.

3. A SINGLE RECEPTACLE OR A DUPLEX RECEPTACLE FOR TWO APPLIANCES LOCATED WITHIN DEDICATED SPACE FOR EACH APPLIANCE THAT, IN NORMAL USE, IS NOT EASILY MOVED FROM ONE PLACE TO ANOTHER, AND THAT IS CORD-AND-PLUG CONVECTED.

LIGHT FIXTURES WITHIN CLOTHES CLOSETS SHALL BE INSTALLED IN ACCORDANCE WITH N.E.C.

NTERRUPTER SHALL BE INSTALLED IN A READILY ACCESSIBLE

TAMPER-RESISTANT RECEPTACLES IN DWELLING UNITS IN ALL AREAS. ALL NON-LOCKING TYPE I25-VOLT I5-AND 20-AMPERE RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES. EXCEPTIONS LISTED BELOW.

ELECTRICAL (continued)

### CARBON MONOXIDE ALARMS

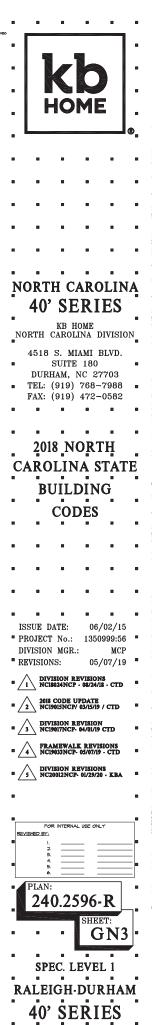
CARBON MONOXIDE ALARMS IN DWELLING UNITS SHALL BE INSTALLED CUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS, WHERE A FUEL-BURNING APPLIANCE IS LOCATED WITHIN A BEDROOM OR ITS ATTACHED BATHROOM, A CARBON MONOXIDE ALARM SHALL BE INSTALLED WITHIN THE BEDROOM

SINGLE STATION CARBON MONOXIDE ALARMS SHALL BE LISTED AS COMPLYING MITH UL 2024 AND SHALL BE INSTALLED IN ACCORDANCE WITH THE NC-R R3I5 AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

COMBINATION CARBON MONOXIDE AND SMOKE ALARMS SHALL BE PERMITTED TO BE USED IN LIEU OF INDIVIDUAL CARBON MONOXIDE OR SMOKE ALARMS.

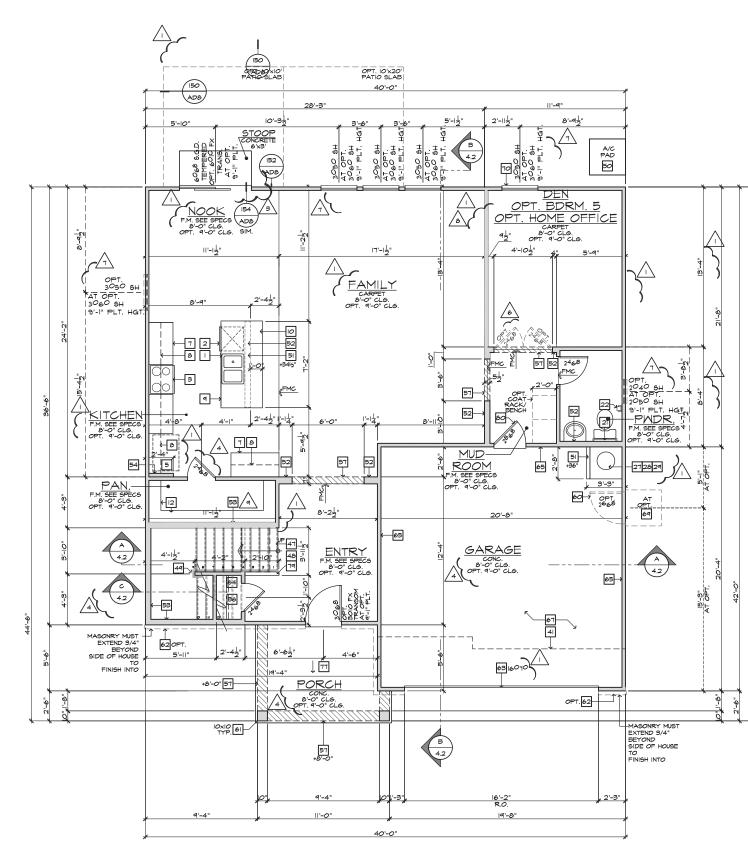
DRYER VENT

THE DRYER DUCT IS REQUIRED TO IDENTIFY THE LENGTH IN ACCORDANCE WITH SECTION MI502.4.5



H 4.1 F B INTERIOR KEY

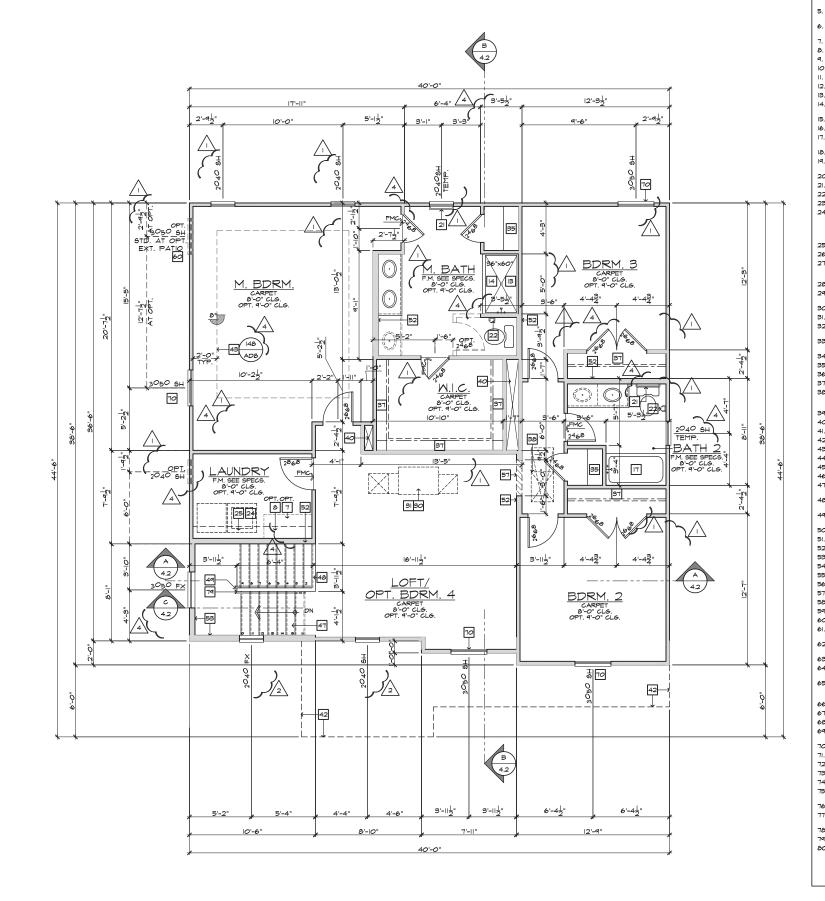
SQUARE FOOTA		
PLAN 240.2596	·R	
4	1158	SQ. F
REA .	1415	SQ. F
×	2573	SQ. F
	416	SQ. F
ELEVATION 'A'	83	SQ. F
ELEVATION 'B'	84	SQ. F
ELEVATION 'C'	62	SQ. F
ELEVATION 'D'	136	SQ. F
10'x10' COVERED	100	SQ. F
10'x26'-7" COVERED	266	SQ. F
OPEN 12'x12'	144	SQ. F
OPEN 12'x24'	288	SQ. F
SCREENED-IN 12'x12'	144	SQ. F
SCREENED-IN 12'x24'	288	SQ. F
		SQ. F
PLATE NOTE	S	2018 N
8'-I" PLATE NO	TES	
ER HEIGHT:	6'-8" U.N.C	).
NDOW HDR. HEIGHT:	7'-0" U.N.C	2.
HEIGHT:	6'-8" U.N.C	7. (P)
FIT HEIGHT:	7'-4" UNC	).
	6'-8" U.N.C	».
9'-I" PLATE NO		
ER HEIGHT ist OR 2nd	7'-8" U.N.C	2.
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	6'-8" (TEM	(P.)
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	- 51	2018 1
OR JOISTS WITH 3/4" T	&G DECKING	
OR JOISTS WITH 3/4" T	&G DECKING	
1-3/4" EACH		
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PLAN FOR SIZE).		
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RAGE DOORS TO BE 20 FOR SIZE).	O-MINUTE FIR	E-RATED
5 AND EXTERIOR FRENC " THICK (REFER TO PLA	N FOR SIZE).	2 BE
	PLAN 240.2596           PLAY 200 PC           PLEVATION 10'           IO'XIO' COVERED           IO'XIO' COVERED           OPEN 12'XI2'           SCREENED-IN 12'X12'           SCREENED-IN 12'X24'           I2'XI2'           PLATE NOTE           Ø'-1'' PLATE NO           EN HEIGHT, NDOW HDR, HEIGHT, RT HEIGHT, RY DACH H	PLAN 240.2596-R           III50           III50           III50           III50           III50           III50           III50           III150           III150           III150           III1150           III111           III111           III1111           III1111           III1111           III11111           III111111           III11111111           III111111111           III1111111111111111111111111111111111



# FIRST FLOOR PLAN 'A'

SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

#         FLOOR PLAN NOTES	
NOTE: NOT ALL KEY NOTES APPLY. I. SINK - GARBAGE DISPOSAL OPTIONAL - VERIFY DIMENSIONS WITH MANUFACTURERS'SPECS	
<ol> <li>DISHWASHER - PROVIDE AIR GAP - VERIFY SPACING &amp; DIMENSIONS PER MANUFACTURERS' SPECS</li> </ol>	
<ol> <li>SLIDE-IN RANGE/OVEN COMBINATION W BUILT-IN NON-VENTED HOOD WLIGHT &amp; FAN VERIFY WITH MANUFACTURERS' SPECS</li> <li>30° COOKTOP W BUILT-IN VENTED HOOD W LIGHT &amp; FAN</li> </ol>	
VERIFY WITH MANUFRS' SPECS 5. 39" CLEAR REFRIGERATOR SPACE W/ OPTIONAL CABINETS	HOME
ABOVE - OPT. PLUMBING FOR ICEMAKER (RECESSED IN WALL) 6. COMBINATION DOUBLE OVEN OR OVEN/ MICRONAVE OVEN OR OVEN VERIFY DIMENSIONS WITH MANUFACTURERS' SPECS	
<ol> <li>BASE CABINETS - REFER TO INTERIOR ELEVATIONS</li> <li>UPPER CABINETS - REFER TO INTERIOR ELEVATIONS</li> </ol>	
<ol> <li>ISLAND CABINET - REFER TO INTERIOR ELEVATIONS</li> <li>MIN. 12" BAR TOP/ BREAKFAST BAR</li> </ol>	
<ol> <li>DESK AREA - REFER TO INTERIOR ELEVATIONS</li> <li>BUILT-IN PANTRY (15" DEEP OR U.N.O.)</li> </ol>	
<ol> <li>SINK CABINET(S) - REFER TO INTERIOR ELEVATIONS</li> <li>SINK CABINET W EXTENDED VANITY &amp; KNEE SPACE BELOW - REFER TO INTERIOR ELEVATIONS</li> </ol>	
15. OPT. SINK - REFER TO INTERIOR ELEVATIONS. 16. KNEE SPACE - REFER TO INTERIOR ELEVATIONS	
17. PRE-FAB. TUB/SHOWER COMBO W/ FIBERGLASS WAINSCOT TO T2" - VERIFY DIMENSIONS W/ MANUF'S SPECS	
<ul> <li>IB. OVAL TUB - VERIFY DIMENSIONS WITH MANUFR'S SPECS.</li> <li>IA. PRE-FAB. SHOMER PAN W/ 30" MIN. CLR. INSIDE &amp; MAINSCOT TO 72" - VERIFY DIMENSIONS W/ MANUF'S SPECS</li> </ul>	
20. SHATTERPROOF (TEMPERED) GLASS SHOWER ENCLOSURE. 21. TOWEL BAR - PROVIDE 2x SOLID BLK'G IN WALL	
22. TOILET PAPER HOLDER - PROVIDE 2x SOLID BLK'G IN WALL 23. RESERVED	NORTH CAROLINA
24. WASHER & DRYER: - PROVIDE WATER & WASTE FOR WASHER - RECESS WASHER CONTROL VALVES IN WALL - VENT DRYER TO OUTSIDE AIR ACCOMMODATE APPLIANCES TO BE	40' SERIES
LOCATED WASHER AT LEFT AND DRYER AT RIGHT.	KB HOME NORTH CAROLINA DIVISION
25. 12" SHELF PER SPECS 26. OPT. LAUDRY SINK - REFER TO INTERIOR ELEV'S 27. WATER HEATER LOCATED AND EXPERIMENT	4518 S. MIAMI BLVD.
27, WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO 75/AD4)	<ul> <li>SUITE 180</li> <li>DURHAM, NC 27703</li> </ul>
28. RESERVED 29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE	■ TEL: (919) 768-7988 ■
30. F.A.U. LOCATION (REFER TO DETAIL 88/AD5) 31. RESERVED	FAX: (919) 472-0582
32. LISTED FACTORY-BUILT GAS FIRED DEC. APPLIANCE (REF. 80/AD4) - INSTALL PER MFR. SPECS	
33. HEARTH TO BE INSTALLED PER FACTORY-BUILT FIREPLACE LISTING 34. GAS APPLIANCE 'B' VENT FROM BELOW	2018_NORTH
35. LINEN PER SPECS (15" DEEP OR U.N.O.) 36. COAT CLOSET W SHELF & POLE (REFER TO DETAILT3/AD4)	CAROLINA STATE
<ol> <li>WARDROBE W/ SHELF &amp; POLE (REFER TO DETAIL13/AD4)</li> <li>22"X30" MIN. ATTIC ACCESS 25"X54" PULL DOWN LADDER R.O. ATTIC ACCESS TO BE</li> </ol>	BUILDING
25"x54" PULL DOWN LADDER R.O. ATTIC ACCESS TO BE PROTECTED 39. LINE OF WALL BELOW	
40. DUCT CHASE 41. LINE OF FLOOR ABOVE	CODES
42. LINE OF FLOOR BELOW 43. LINE OF OPTIONAL TRAY CEILING (REFER TO DETAIL 92/AD5)	
44. LINE OF HIP AT OPTIONAL VOLUME CEILING 45. LINE OF RIDGE AT OPTIONAL VOLUME CEILING	
<ul> <li>46. CEILING BREAK</li> <li>47. STAIR TREAD\$ &amp; RISERS: - MIN. IO" TREAD &amp; MAX. 7 3/4" RISER - (REFER TO DETAIL 8I-82/AD5)</li> </ul>	
48. MIN. 36" HIGH GUARDWALL (REFER TO DET. 83/AD5 & 85/AD5)	
49. 34" TO 36" HIGH HANDRAIL (REFER TO DETAIL 83/AD5) 50. A/C PAD LOCATION	
51. LOW WALL - REFER TO PLAN FOR HEIGHT 52. 2x6 STUD WALL	ISSUE DATE: 06/02/15 PROJECT No.: 1350999:56
53. 2x6 BALLOON FRAMED WALL PER STRUCTURAL 54. DBL. 2x4 WALL PER PLAN	DIVISION MGR.: MCP REVISIONS: 05/07/19
55. INTERIOR SHELF-SEE PLAN FOR HT. 56. MEDIA NICHE	
57. FLAT SOFFIT - SEE ELEV. FOR HGT. 56. ARCHED SOFFIT - SEE ELEV. FOR HGT.	▲ 1 NC18024NCP · 00/24/18 · CTD ▲ 2018 CODE UPDATE
59. WINDOW SEAT 60. OPT. DOOR/ WINDOW	* 2 NCI9015NCP/ 03/15/19 / CTD
61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. 62. BRICK / STONE VENEER - REFER TO ELEVATIONS	DIVISION REVISION     NCI9017NCP- 04/01/19 CTD
VENEER TO COMPLY WITH THE N.CR. 63. SECTIONAL GARAGE DOOR PER SPECS	FRAMEWALK REVISIONS NCI9033NCP- 05/07/19 - CTD
64. MIN. 1/2" GYP, BD, ON CEILINGS & MALLS @ USEABLE SPACE UNDER STAIR. 65. GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND	DIVISION REVISIONS NC20012NCP- 01/29/20 - EBA
ITS ATTIC AREA BY NOT LESS THAT 1/2" GYP. BD. @ GARAGE SIDE WALLS \$ 5/8" UNDER LIVING AREA U.N.O.	DIVISION REVISIONS
66. OPT. MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL 86/AD5) 67. 5/8" TYPE-X GYP. IN GARAGE BETWEEN CEILING & FLOOR ABV 68. P.T. POST W/ WRAP	
69. CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.	■ <u>7</u> NC20023NCP- 05/07/20 · KBA ■
70. EGRESS WINDOW 71. PROVIDE ADDITIONAL RISER(S) AT OPTIONAL PLATE HT.	B CORP20003CORP-08/20/20-CTD DIVISION REVISION
72. MDF TOP 73. PLUMBING DROP FROM ABOVE	■ NC21003NCP - 12/18/20 - KBA
<ol> <li>ADJUST OPENING AT OPTION TO FIT THE DOOR SIZE SHOWN</li> <li>MINDOW LEDGE. HEIGHT &amp; WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(S) ON ALL SIDES UN.O.</li> </ol>	PLAN:
76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 77. CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR	240.2596-R
SIZE. 78. RESERVED	SHEET:
79. SLOPING LON WALL 38" ABOVE ADJACENT TREADS 80. 20 MIN. FIRE-RATED DOOR	
	SPEC. LEVEL 1
	RALEIGH-DURHAM
	40' SERIES
	40 SEKIES

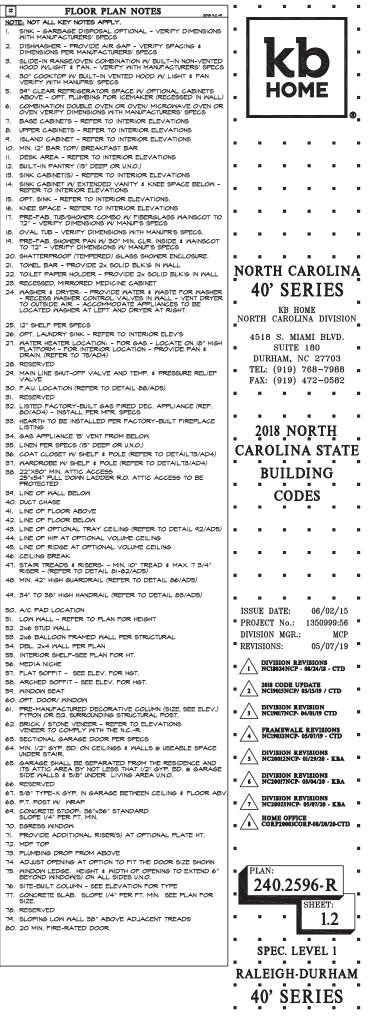


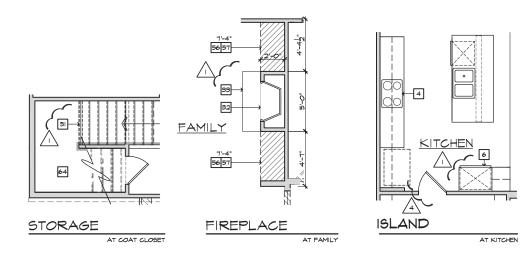
	B EY
PLATE NOTI	ES
8'-I" PLATE NO	DTES
ADER HEIGHT: R WINDOW HDR. HEIGHT: DR HEIGHT:	6'-8 7'-0 6'-8

8'-I" PLATE NOTES				
MINDOM HEADER HEIGHT:     2nd FLOOR MINDOM HDR. HEIGHT:     ENTRY DOOR HEIGHT:     SLIDING GLASS DOOR HEIGHT:     INTERIOR SOFFIT HEIGHT:     INTERIOR DOOR HEIGHT:	2nd FLOOR WINDOW HDR. HEIGHT:         T-O" U.N.O.           EINTRY DOOR HEIGHT:         6-B" U.N.O.           SLIDING GLASS DOOR HEIGHT:         6-B" (TEMP.)           INTERIOR SOFFIT HEIGHT:         T-4" U.N.O.           INTERIOR DOOR HEIGHT:         6-B" U.N.O.			
9'-I" PLATE NO	OTES			
• MINDOW HEADER HEIGHT Ist OR 2nds         7-8" UN.O.           • 4010 MINDOW OVER TUB HDR. HST.         8'-4" UN.O.           • ENTRY DOOR HEIGHT:         6'-8" UN.O.           • SLIDING GLASS DOOR HEIGHT:         6'-8" UN.O.           • INTERIOR SOFFIT HEIGHT:         8'-0" UN.O.           • TRAY CELLING:         ''''''''''''''''''''''''''''''''''''				
STAIR DATA N	OTES			
FIRST FLOOR WITH 5'* FLATE HEIGHT: I'* DEEP TJ.I. FLOOR JOISTS WITH 3/4' I' RERADS AT 10' EACH I'R RISES AT T-10' EACH FIRST FLOOR WITH 5'* FLATE HEIGHT: I'* DEEP TJ.I. FLOOR JOISTS WITH 3/4' IS TREADS AT 10' EACH I'E RISES AT T-3/4' EACH				
GENERAL PLAN	NOTES 2010 NG-R			
ALL CEILING HEIGHTS PER SECTION AND ELEVATION PLATE HEIGHTS, U.N.O. ALL INTERIOR DOORS TO BE HOLLOW CORE I 3/6" THICK, U.N.O. (REFER TO PLAN FOR 5/22).				
ALL GARAGE SERVICE DOORS TO BE H EXTERIOR GRADE (REFER TO PLAN FOR				
ALL HOUSE TO GARAGE DOORS TO BE (REFER TO PLAN FOR SIZE).	20-MINUTE FIRE-RATED			
ALL ENTRY DOORS AND EXTERIOR FRE SOLID CORE   3/4" THICK (REFER TO PL				
ALL FLOOR MATERIAL CHANGES TO OC DOOR JAMBS, U.N.O.	CUR AT CENTER OF			

## SECOND FLOOR PLAN 'A'

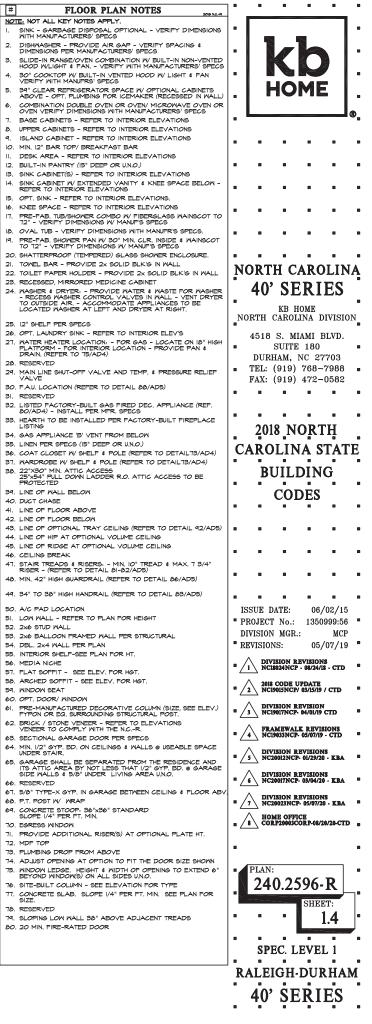
SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

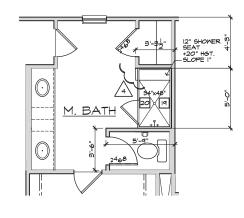




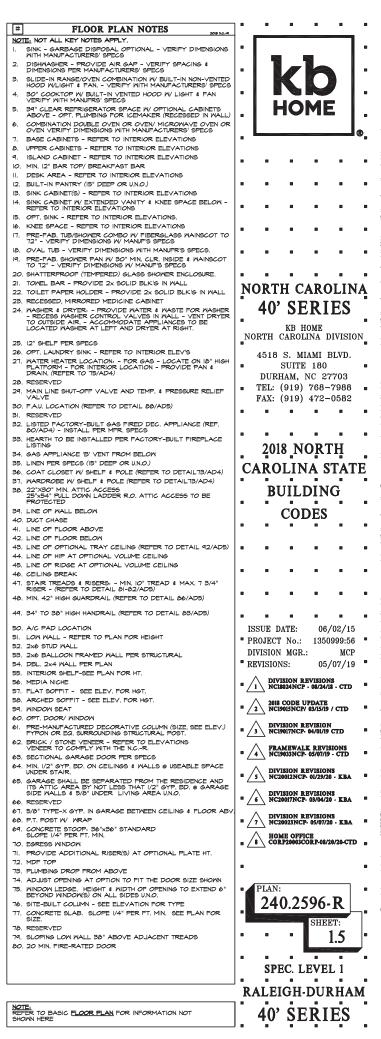
# FIRST FLOOR PLAN OPTIONS

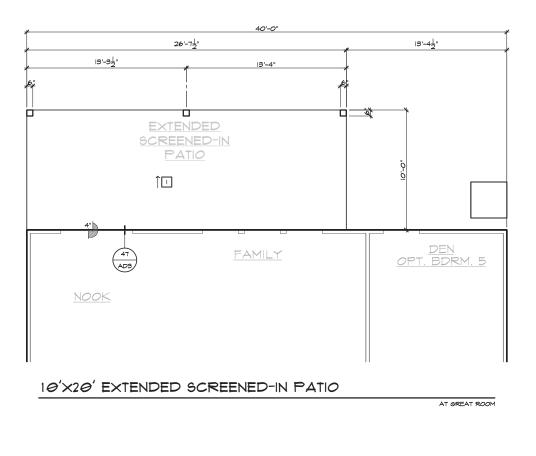
SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|T")

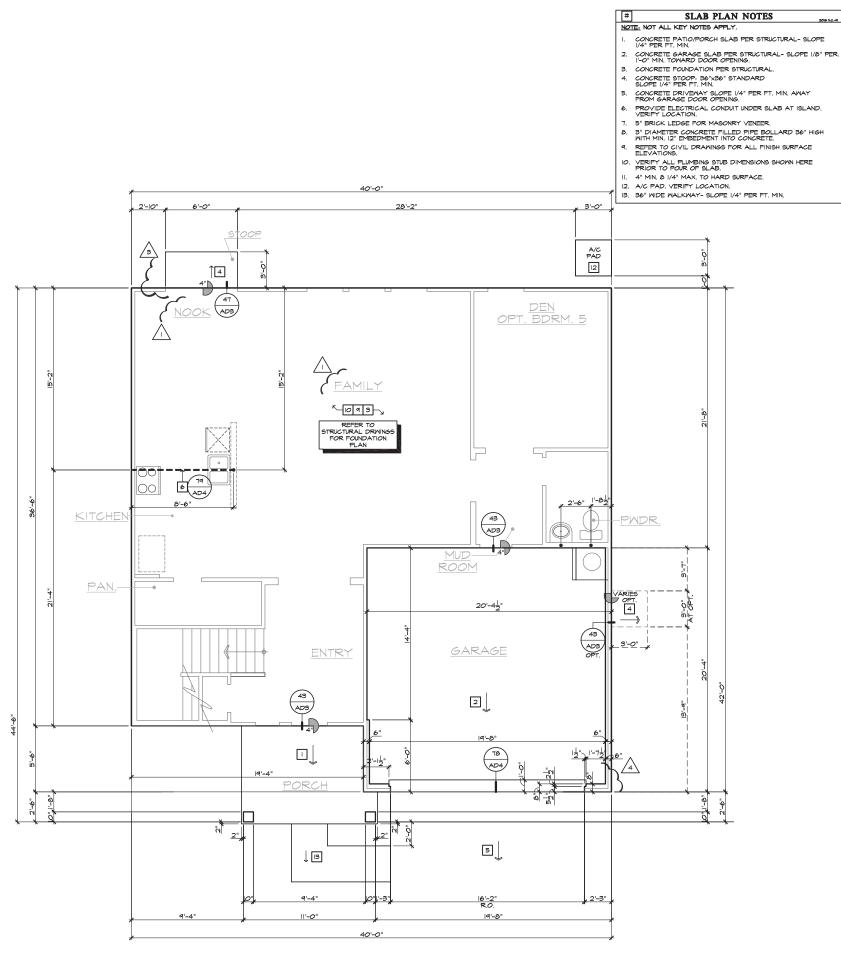




SECOND FLOOR PLAN OPTIONS

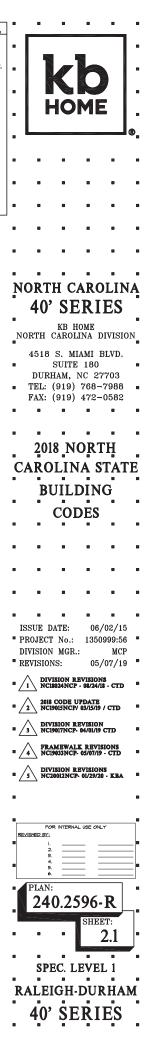


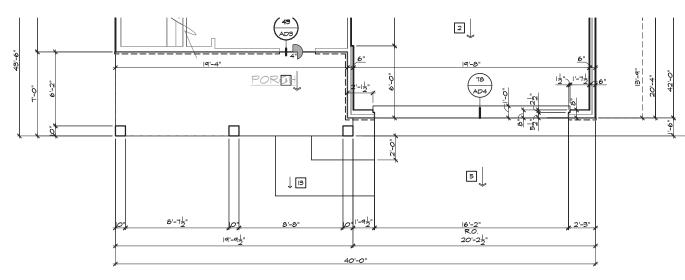




SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

SLAB INTERFACE PLAN 'A' SCALE I/4"=I'-0" (22"X34") - I/8"=I'-0" (II"XI7")



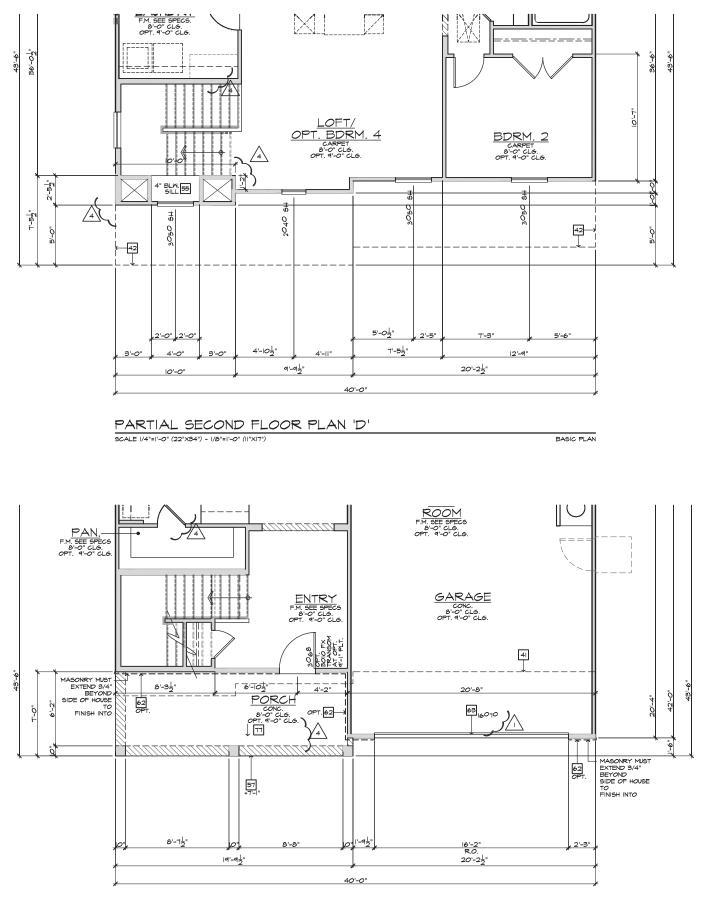


 $\frac{\mathsf{PARTIAL}}{\mathsf{SCALE}} \underset{\mathsf{I}/\mathsf{A}^*=\mathsf{I}^*-\mathsf{O}^*}{\mathsf{SLAB}} \underset{\mathsf{INTERFACE}}{\mathsf{INTERFACE}} \underset{\mathsf{PLAN}}{\mathsf{PLAN}} \mathsf{D}^{\mathsf{I}}$ 

BASIC PLAN AT SLAB-ON-GRADE

#	SLAB PLAN NOTES	] "					
NOT	E: NOT ALL KEY NOTES APPLY.						1.
١.	CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.			~	$\geq$		
2.	CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1'-0" MIN. TOWARD DOOR OPENING.						
З.	CONCRETE FOUNDATION PER STRUCTURAL.					1	
4.	CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.	•					•
5.	CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.			40	M		
6.	PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.						
7.	5" BRICK LEDGE FOR MASONRY VENEER.						
8.	3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.						
9.	REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.				•	8	8
10.	VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.						
П.	4" MIN. & I/4" MAX. TO HARD SURFACE.		-	-	-	-	-
12.	A/C PAD. VERIFY LOCATION.						
10	36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.						

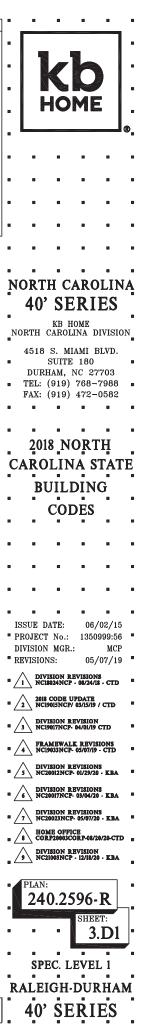
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4518	S. MI SUITE		BLVD.	
DUR	HAM, 1 (919)	NC 2	7703	
FAX:	(919)	472-	-0582	
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BI	UĪLI	DĪN	G	
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	ISION R 2024NCP	EVISIOI • 08/24/	NS 18 - CTD	
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	ISION R 9017NCP-	EVISIOI 04/01/19	N CTD	
	MEWAL 9033NCP	K REVI 05/07/19	SIONS - CTD	8
	ISION R	EVISIO 01/29/2	NS 0 • KBA	•
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Fo	R INTERNA	L USE ON	LY	7
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PLAN			<b>D</b>	8
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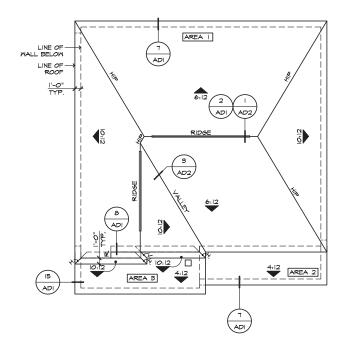


PARTIAL FIRST FLOOR PLAN 'D'

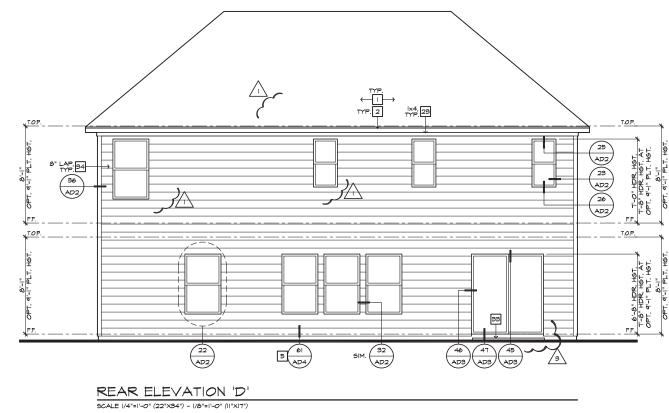
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



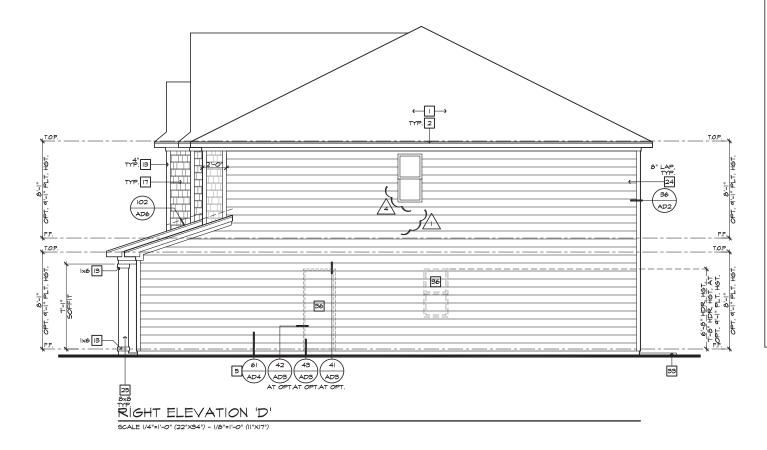


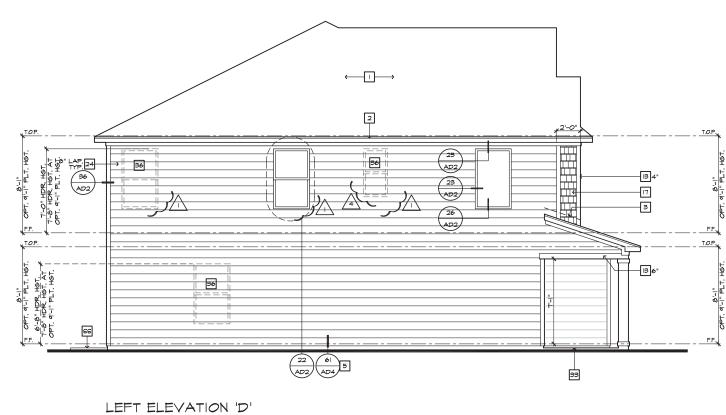


ROOF PLAN 'D' 5CALE 1/8"=1"-0" (22"X34") - 1/16"=1'-0" (11"X17")



NOTE: NOT ALL KEY NOTES APPLY.	
<ol> <li>ROOF MATERIAL - REFER TO ROOF NOTES</li> <li>2X FASCIA/BARGE BOARD WITH FASCIA CAP</li> </ol>	
3. G.I. FLASHING	
4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED	
6. 24"x24" CHIMNEY	
7. DECORATIVE VENT	HOME
8. DECORATIVE CORBEL 9. DECORATIVE SHUTTERS	
<ol> <li>DECORATIVE SHUTTERS</li> <li>PEDIMENT, SEE ELEVATION FOR TYPE</li> </ol>	
II. RECESSED ELEMENT	
<ol> <li>DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE</li> <li>TRIM PER SPEC- SEE ELEVATION FOR SIZE</li> </ol>	
14. SYNTHETIC MATERIAL	
15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) PYPON OR EQ. SURROUNDING STRUCTURAL POST.	
16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	
17. SHAKE SIDING	
<ul><li>18. STONE VENEER PER SPECS</li><li>19. BRICK/MASONRY VENEER PER SPECS</li></ul>	
20. BUILT UP BRICK COLUMN 21. SOLDIER COURSE	
22. ROWLOCK COURSE	
23. FRIEZE BOARD	
24. SIDING W/4" CORNER TRIM PER SPECS 25. P.T. POST W/WRAP - SEE STRUCTURAL FOR SIZE	
26. PRE-FAB DECORATIVE TRIM	NORTH CAROLIN
27. LIGHT WEIGHT PRECAST STONE TRIM	
28. P.T. LUMBER RAILINGS (+36" U.N.O.)	40' SERIES
29. WRAP 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE	
ELEVATION FOR SIZE.	KB HOME
31. BRACKET OR KICKER - FYPHON OR EQ. 32. ENTRY DOOR	NORTH CAROLINA DIVISIO
33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4518 S. MIAMI BLVD.
34. SECTIONAL GARAGE DOOR PER SPECS	SUITE 180
35. ALUMINUM WRAP 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703
37. OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7988
38. KEYSTONE	FAX: (919) 472-0582
39. SOLDIER CROWN 40. JACK SOLDIER COURSE	
41. WATER TABLE	
42. ATRIUM DOOR	
43. PILASTER - SEE ELEVATION FOR TYPE ROOF PLAN NOTES 'D'	2018_NORTH
	CAROLINA STAT
AND DIRECTION, U.N.O.	
0:12	BUILDING
ROOF MATERIAL: COMPOSITION SHINGLE 12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O.	
12 (INCHES) TYPICAL ROOF OVERHANG AT RANE, U.N.O. 12" (INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O.	CODES
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.	
	4
ATTIC VENT CALCULATIONS PROVIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC	
	1
SPACE. PROVIDE THAT AT LEAST 50% \$ NO MORE THAN 80% OF	
SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 60% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER FORTION OF THE ATTIC, (HIGH VENTING)	]
SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3'-O' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED	
SPACE. PROVIDE THAT AT LEAST 50% I NO MORE THAN 80% OF THE REG. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3-0" ABOVE EAXE VENT WITH THE BALANCE BEING PROVIDED BY EAXE VENTS, (LOW VENTING NO VENTING NOT REGUIRED.	
SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3-0° ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2016) NCR 806 2) ** CALCULATION BY IJSO, HIGHLOW VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	
SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3-0" ABOVE EAXE VENT WITH THE BALANCE BEING PROVIDED BY EAXE VENTS, (LOW VENTING NO RECOVERD) ADDRESS AND VENTING VENTING NOT RECOVERD. APPROXIMATE RIDGE VENT LOCATIONS SHOWN ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. AREA	
SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REG. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3-0° ABOVE EAXE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 N.CR 806-2) * CALCULATION BY UPS), HIGHLOW VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN ACTUAL LOCATIONS OF DETERMINED IN THE FIELD. REFEATURED: ATTIC AREA = 1442 50. FT. / 300 = 4.91 50. FT.	ISSUE DATE: 06/02/15
SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REG. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2016 N.CR 606.2) ** CALCULATION F1 //50, HIGH/LOW VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. REAL REAL CATUAL ACTUAL SOL FT. / 300 = ATTIC AREA = 1442 SQ. FT. / 300 = X 144 = TIG.16 SQ. IN.	ISSUE DATE: 06/02/15 PROJECT No.: 1350999:56
SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REG. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3-0° ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 N.CR 206.2) * CALCULATION BY 1050, HIGHLOW VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. REFAIL ATTIC AREA = 1442 SQ. FT. / 300 = 4.97 SQ. IN. /ENTILATION REQUIRED: ATTIC AREA = 1442 SQ. FT. / 300 = 4.97 SQ. IN. /ENTILATION PROVIDED: UGH	ISSUE DATE: 06/02/15 PROJECT No.: 1350999:56 DIVISION MGR.: MCP
SPACE.         PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF           THE REG. VENTILATING AREA IS PROVIDED BY VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)           AT 3-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           BY EAVE VENTS, (LOW VENTING) (2018 N.C.R. 8062)           X CALULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.           APPROXIMATE RIDGE VENT LOCATIONS SHOWN.           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.           XEAD           YEAD	ISSUE DATE: 06/02/15 PROJECT No.: 1350999:56
SPACE. PROVIDE THAT AT LEAST 50% I NO MORE THAN 80% OF THE REG. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3-0° ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 N.CR 206.2) * CALCULATION BY / 105, HIGH/LOW VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. REFAIL TENTILATION REQUIRED: ATTIC AREA = 1442 SQ. FT. / 300 = 4.91 SQ. IN. /ENTILATION PROVIDED: LIGH	ISSUE DATE: 06/02/15 PROJECT No.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 DIVISION REVISIONS
SPACE.         PROVIDE THAT AT LEAST 50% I NO MORE THAN 80% OF           THE REG. VENTILATING AREA IS PROVIDED BY VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)           AT 3-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           BY EAVE VENTS, (LOW VENTING) (2016 N.C. R. 806.2)           * CALCULATION BY UPNTING) (2016 N.C. R. 806.2)           * CALCULATION BY UPNTING) (2016 N.C. R. 806.2)           * CALCULATION BY UPNTING) VENTING NOT REQUIRED.           APPROXIMATE RIDGE VENT LOCATIONS SHOWN.           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.           VENTION REQUIRED.           APPROXIMATE RIDGE VENT LOCATIONS SHOWN.           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.           VENTILATION REQUIRED.           APPROXIMED.           VENTILATION PROVIDED:           IBH           36 LINEAR FEET RIDGE VENT AT 18 50. IN. PER FOOT:           (1) LI416 GABLE END VENT X 106 50. IN. *           IOTAL HIGH= T56 50. IN.	ISSUE DATE: 06/02/15 PROJECT NO.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 DIVISION REVISIONS NCIBERATIONS - 05/07/19 NCIBERATION - 05/07/19
SPACE.         PROVIDE THAT AT LEAST 50% I NO MORE THAN 80% OF           THE REG. VENTILATING AREA IS PROVIDED BY VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILS)           AT 3-0" ABOVE EAXE VENT WITH THE BALANCE BEING FROVIDED           BY EAVE VENTS, (LOW VENTILS) (2016 N.CR 806.2)           * CALCULATION BY UTS, (HIGH VENTILS) NO REQUIRED.           APPROXIMATE RIDGE VENT LOCATIONS SHOWN.           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.           NETLIATION REQUIRED.           ATTICA AREA = 1442 50. FT. / 300 =           XI44 =           TI6.16 50. IN.           BEHAR FEET RIDGE VENT AT 16 50. IN. PER FOOT=           64% 50. IN.           IOTAL HIGH=           ID4 LINEAR FEET EAVE VENT AT 5 50. IN. PER FOOT=           670 50. IN.	ISSUE DATE: 06/02/15 PROJECT No.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 <u>1</u> DIVISION REVISIONS AUXING REVISIONS 2018 CODE UPDATE
SPACE.         PROVIDE THAT AT LEAST 50% \$ NO MORE THAN 80% 0F           THE REG. VENTILATING AREA 15 PROVIDED BY VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILS)           AT 3-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           BY EAVE VENTS, (LOW VENTILS) (2016 N.C. R. 806.2)           * CALCULATION BY UDD. HIGHLOW VENTILS NOT REQUIRED.           * AFROXIMATE RIDGE VENT LOCATIONS SHOWN.           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.           * CALCULATION BY UDD. HIGHLOW VENTILS NOT REQUIRED.           * AFROXIMATE RIDGE VENT LOCATIONS SHOWN.           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.           * CALCULATION PROVIDED.           ************************************	ISSUE DATE: 06/02/15 PROJECT NO.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 1 DIVISION REVISIONS 2 2016 CODE UPDATE 2 2016 CODE UPDATE 2 2016 CODE UPDATE 2 2016 CODE UPDATE
SPACE.         PROVIDE THAT AT LEAST 50% I NO MORE THAN 80% OF           THE REG. VENTILATING AREA IS PROVIDED BY VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILAS           AT 3-0" ABOVE EAXE VENT WITH THE BALANCE BEINS FROVIDED           BY EAXE VENTS, (LOW VENTILS (00) NCR 8062)           * CALCULATION BY IDS, HIGHLOW VENTILS NOT REQUIRED.           APPROXIMATE RIDGE VENT LOCATIONS SHOWN.           ACTUAL LOCATIONS DIE DETERMINED IN THE FIELD.           ACTUAL LOCATIONS DE DETERMINED IN THE FIELD.           ACTUAL LOCATIONS DE DETERMINED IN THE FIELD.           ACTUAL LOCATION REQUIRED.           ANTIC AREA = 1442 SO. FT. / 300 =           VENTILATION REQUIRED.           ATTIC AREA = 1442 SO. FT. / 300 =           VENTILATION REQUIRED.           ATTIC AREA = 1442 SO. FT. / 300 =           VENTILATION REQUIRED.           NITH           SO LINEAR FEET RIDGE VENT AT 16 50. IN, PER FOOT=           64.0 SO. IN.           UL446 GABLE END VENT X 108 SO. IN. PER FOOT=           021           VENTILATION REQUIRED.           ATHIC AREA FEET EAVE VENT AT 5 SO. IN. PER FOOT=           020           134 LINEAR FEET EAVE VENT AT 5 SO. IN. PER FOOT=           102         SO. IN.           1034 LINEAR FEET EAVE VENT AT 5 SO. IN. PER FOOT=	ISSUE DATE: 06/02/15 PROJECT No.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 <u>1</u> DIVISION REVISIONS DIVISION REVISIONS <u>2018 CODE UPDATE</u>
SPACE.         PROVIDE THAT AT LEAST 50% I NO MORE THAN 80% OF           THE REG. VENTILATING AREA IS PROVIDED BY VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILS)           AT 3-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           BY EAVE VENTS, (LOW VENTING) (2018 NC-R 2062)           * CALCULATION BY UPNTING)           ACTUAL LOCATIONS 100 HER 100 NT REGUIRED.           ATTIC AREA = 1442 SQ. FT. / 300 =           * THILATION REQUIRED:           ATTIC AREA = 1442 SQ. FT. / 300 =           * 16.16 SQ. IN.           * 101 LIGH REQUIRED:           * 144 =           * 16.16 SQ. IN.           * 01 LIGH GABLE END VENT X 168 SQ. IN. PER FOOT=           * 194 LINEAR FEET RIDE VENT AT 5 SQ. IN. PER FOOT=           * 194 LINEAR FEET EAVE VENT AT 5 SQ. IN. PER FOOT=           * 194 LINEAR FEET EAVE VENT AT 5 SQ. IN. PER FOOT=           * 194 LINEAR FEET EAVE VENT AT 5 SQ.	ISSUE DATE: 06/02/15 PROJECT No.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 1 DIVISION REVISIONS 2016 CODE UPDATE 2016 CODE UPDATE 2016 CODE UPDATE 2018 CODE UPDATE 2018 CODE UPDATE 2018 CODE UPDATE 2018 CODE UPDATE 1 NCISSION REVISION NCISSION REVISION DIVISION REVISION 1 DIVISION REVISION 1 DIVISION REVISION
SPACE.         PROVIDE THAT AT LEAST 50% I NO MORE THAN 80% OF           THE REG. VENTILATION AREA IS PROVIDED BY VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILATORS           AT 3-0" ABOVE EAVE VENT WITH THE BALANCE BEINS PROVIDED           BY EAVE VENTS, (LOW VENTILS) (2018 NC-R 2062)           ** CALCULATION BY UPNTILOS) (2018 NC-R 2062)           ** CALCULATIONS TIDOS, HIGHLOW VENTILS NOT REQUIRED.           APPROXIMATE RIDGE VENT LOCATIONS SHOWN.           ACTUAL LOCATIONS OF DE DETERMINED IN THE FIELD.           XREAT           VENTILATION REQUIRED.           ATTIC AREA = 1492 SQ. FT. / 300 =           4.41 =           YIGH           MIGH           36 LINEAR FEET RIDGE VENT AT 16 50. IN. PER FOOT=           64.8 SQ. IN. =           101 LI46 GABLE END VENT X 108 SQ. IN. PER FOOT=           610 SQ. IN. =           1201           124 LINEAR FEET RIDGE VENT AT 5 50. IN. PER FOOT=           610 SQ. IN. =           1202           1214 LINEAR FEET RIDGE VENT AT 55 SQ. IN. PER FOOT=           610 SQ. IN. =           1203           124 LINEAR FEET RIDGE VENT AT 5 50. IN. PER FOOT=           610 SQ. IN. =           122           124 LINEAR FEET RIDGE VENT AT 5 50. IN. PER FOOT=	ISSUE DATE: 06/02/15 PROJECT NO.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 1 DIVISION REVISIONS 2 2018 CODE UPDATE NC000ENCP 0015/19 / CTD 2 DIVISION REVISION
SPACE.         PROVIDE THAT AT LEAST 50% I NO MORE THAN 80% OF           THE REG. VENTILATING AREA IS PROVIDED BY VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILATORS           AT 3-0" ABOVE EAXE VENT WITH THE BALANCE BEINS PROVIDED           BY EAVE VENTS, (LOW VENTILS (00) N.CR 806.2)           * CALCULATION BY UTS, (LOW VENTILS NOT REQUIRED.           APPROXIMATE RIDGE VENT LOCATIONS SHOWN.           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.           NEEAT           TATIC AREA = 1442 50, FT. / 300 = 4.471 50, FT.           XI44 = 716.65 50, IN.           ACTUAL ACCATION PROVIDED:           MEMERY           ALTIC AREA = 1442 50, FT. / 300 = 4.471 50, IN.           (I) LI446 GABLE END VENT X 106 50, IN. = 106 50, IN.           (I) LI446 GABLE END VENT X 106 50, IN. = 106 50, IN.           (I) LI446 GABLE END VENT X 106 50, IN. = 107AL HIGH= 756 50, IN.           (I) LI446 GABLE END VENT X 106 50, IN. = 107AL LOW= 7176 50, IN.           (II) LI446 GABLE END VENT X 106 50, IN. = 100 50, IN.           III OTAL LOW= 7176 50, IN.           TOTAL LOW= 7176 50, IN.           III LIARAR FEET EAVE VENT AT 5 50, IN. PER FOOTE 107 50, IN.           III ALINGAR FEET EAVE VENT AT 5 50, IN. TOTAL LOW= 7176 50, IN.           IIII ATON REQUIRED:           ATTICAREA = 102 50, IN. TOTAL = 1534 50, IN.           IIIII ARE	ISSUE DATE: 06/02/15 PROJECT No.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 1 DIVISION REVISIONS 2 2018 CODE UPDATE 3 DIVISION REVISION 3 NC1901TNCP- 04/2019 CTD 4 FRAMEWALK REVISIONS 4 NC1901TNCP- 04/01/9 CTD
SPACE.         PROVIDE THAT AT LEAST 50% I NO MORE THAN 80% OF           THE REG. VENTILATION AREA IS PROVIDED BY VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILATORS           AT 3-0" ABOVE EAVE VENT WITH THE BALANCE BEINS PROVIDED           BY EAVE VENTS, (LOW VENTILS) (2018 NC-R 2062)           ** CALCULATION BY UPONING (2018 NC-R 2062)           ** CALCULATIONS TIDO, HIGHLOW VENTILS NOT REQUIRED.           APPROXIMATE RIDGE VENT LOCATIONS SHOWN           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.           XREAL           ANTIC AREA = 1442 S.G. FT. / 300 =           4.41 S.G. IN.           YENTILATION PROVIDED:           IIGH           36 LINEAR FEET RIDGE VENT AT 16 SQ. IN. PER FOOT=           64.8 SQ. IN. =           102 SQ. IN.           104 LIAGABLE END VENT x 108 SQ. IN. PER FOOT=           610 SQ. IN.           104 LIAGABLE END VENT x 108 SQ. IN. =           103 SQ. IN.           104 LIAGA FEET EAVE VENT AT 5 SQ. IN. PER FOOT=           610 SQ. IN.           104 LIAGABLE END VENT x 108 SQ. IN. =           105 SQ. IN.           104 LABER FEET EAVE VENT AT 5 SQ. IN. PER FOOT=           105 LONER TEET ND VENT x 108 SQ. IN. =           106 SQ. IN.	ISSUE DATE: 06/02/15 PROJECT NO.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 1 DIVISION REVISIONS 2016 CODE UPDATE 2 2016 CODE UPDATE 3 DIVISION REVISION MC19917ACC- 04/019 CTD 5 DIVISION REVISION
SPACE.         PROVIDE THAT AT LEAST 50% I NO MORE THAN 80% OF           THE REG. VENTILATION AREA IS PROVIDED BY VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILAS)           AT 3-0" ABOVE EAXE VENT WITT THE BALANCE BEINS FROVIDED           BY EAVE VENTS, (LOW VENTILS (00) N.CR 806.2)           * CALCULATION BY UPON IS (2016 N.CR 806.2)           * CALCULATION STOP, HIGHLOW VENTILS NOT REQUIRED.           APPROXIMATE RIDGE VENT LOCATIONS SHOWN.           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.           NETATION REQUIRED.           ATTICA AREA = 1442 50, FT. / 300 = 4.471 50, IN.           YEAT           YEAT           MILLIATION PROVIDED:           IBH           36 LINEAR FEET RUGE VENT AT 16 50, IN. PER FOOT:           00           101 LIABG ABLE END VENT X 106 50, IN. =           102           101 LIABG ABLE END VENT X 106 50, IN. =           102           101 LIABG ABLE END VENT X 106 50, IN. =           102           11440 GABLE END VENT X 106 50, IN. =           102           101 LIABG ABLE END VENT X 106 50, IN. =           102           101 LIABG ABLE END VENT X 105 50, IN. =           102           1034           1044           1055	ISSUE DATE: 06/02/15 PROJECT No.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 1 DIVISION REVISIONS 2016 CODE UPDATE 2016 CODE UPDATE 2017 CODE UPDATE 2016 CODE
SPACE.         PROVIDE THAT AT LEAST 50% I NO MORE THAN 80% OF           THE REG. VENTILATING AREA IS PROVIDED BY VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILAS AT 3°O* 800VE EAVE VENT WITH THE BALANCE BEINS FROVIDED           AT 3°O* ABOVE EAVE VENT WITH THE BALANCE BEINS FROVIDED           BY EAVE VENTS, (LOW VENTILS (0) B NC-R 8062)           * CALCULATION BY IDS, HIGHLOW VENTILS NOT REQUIRED.           APPROXIMATE RIDGE VENT LOCATIONS SHOWN.           ACTUAL LOCATIONS DE DETERMINED IN THE FIELD.           ACTUAL LOCATION ROUTED :           XI44 =           TIG.16 SQ. IN.           VENTILATION REQUIRED:           ATTIC AREA = 1442 SQ. FT. / 300 =           4.41 =           YENTILATION REQUIRED:           IGH           36 LINEAR FEET RIDGE VENT AT 16 SQ. IN. PER FOOT=           648 SQ. IN.           YENTILATON REQUIRED:           NUM           10 LI4I8 GABLE END VENT X 108 SQ. IN. E           YENTILATION REQUIRED;           ATTIC AREA = 102 SQ. FT. / 150 =           YENTILATION REQUIRED;           ATTIC AREA = 102 S	ISSUE DATE: 06/02/15 PROJECT No.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 1 DIVISION REVISIONS 2016 CODE UPDATE 2016 CODE UPDATE 2017 CODE UPDATE 2016 CODE
SPACE.         PROVIDE THAT AT LEAST 50% I NO MORE THAN 80% OF           THE REG. VENTILATING AREA IS PROVIDED BY VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILAS OR STORY)           AT 3-0" ABOVE EAXE VENT WITT THE BLANCE BEINS FROVIDED           BY EAXE VENTS, (LOW VENTILS (0) OF NC-R 806.2)           ** CALCULATION BY 1050, HIGHLOW VENTILS NOT REQUIRED.           APPROXIMATE RIDGE VENT LOCATIONS SHOWN.           ACTUAL LOCATIONS DIE DETERMINED IN THE FIELD.           ACTUAL LOCATIONS CONSTRUCTIONS OF THE ATTIC.           ANTIO AREA = 1442 50, FT. / 300 =           XI44 =           TIG AREA = 1442 50, FT. / 300 =           ATTIC AREA = 1442 50, FT. / 300 =           VIATUR PROVIDED:           IGH           36 LINEAR FIET RUGE VENT AT 16 50, IN PER FOOT:           648 50, IN.           IOTAL HIGH=           100 50, IN. =           101 LI416 GABLE END VENT X 106 50, IN. =           102 50, IN.           101 LI416 GABLE END VENT X 106 50, IN. =           102 50, IN.           104 LINEAR FIET EAVE VENT AT 5 50, IN. PER FOOT:           101 LI416 GABLE END VENT X 106 50, IN. =           102 50, IN.           104 LINEAR FIET EAVE VENT AT 5 50, IN. PER FOOT:           102 50, IN.           1044 6ABLE END VENT X 106 50, IN. =	ISSUE DATE: 06/02/15 PROJECT No.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 1 DIVISION REVISIONS 2016 CODE UPDATE 2016 CODE UPDATE 2017 CODE UPDATE 2016 CODE UPDATE 2016 CODE UPDATE 2016 CODE UPDATE 2016 CODE UPDATE 2017 CODE UPDATE 2016 CODE
SPACE.         PROVIDE THAT AT LEAST 50% I NO MORE THAN 80% OF           THE REG. VENTILATING AREA IS PROVIDED BY VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILATORS           AT 3-0" ABOVE EAXE VENT WITT THE BALANCE BEINS FROVIDED           BY EAXE VENTS, (LOW VENTILS) (2016 NC-R 2062)           ** CALCULATION BY USD, HIGHLOW VENTILS NOT REQUIRED.           APPROXIMATE RIDGE VENT LOCATIONS SHOWN           ACTUAL LOCATIONS DE DETERMINED IN THE FIELD.           AREA =           VENTILATION REQUIRED.           ATTIC AREA = 1492 SQ. FT. / 300 =           4.41 =           YIL44 =           TIG. 6 SQ. IN.           IGH           36 LINEAR FEET RIDGE VENT AT 16 SQ. IN. PER FOOT=           64.8 SQ. IN.           (U) LI46 GABLE END VENT X 108 SQ. IN. ET FOOT=           (20)           134 LINEAR FEET RIDGE VENT AT 5 SQ. IN. FER FOOT=           (20)           134 LINEAR FEET EAVE VENT AT 5 SQ. IN. FER FOOT=           (20)           134 LINEAR FEET EAVE VENT AT 5 SQ. IN. FER FOOT=           (20)           134 LINEAR FEET EAVE VENT AT 5 SQ. IN. FER FOOT=           (20)           134 LINEAR FEET EAVE VENT AT 5 SQ. IN. FER FOOT=           (20)     <	ISSUE DATE: 06/02/15 PROJECT No.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 1 DIVISION REVISIONS 2016 CODE UPDATE 2016 CODE UPDATE 2017 CODE UPDATE 2016 CODE UPDATE 2016 CODE UPDATE 2016 CODE UPDATE 2016 CODE UPDATE 2017 CODE UPDATE 2016 CODE
SPACE. PROVIDE THAT AT LEAST 50% I NO MORE THAN 80% OF THE REG. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3-0° ABOVE EAXY EVENT WITH THE BALANCE BEINS FROVIDED BY EAVE VENTS, (LOW VENTING) (2016 N.CR 2062) * CALCULATION BY 1050, HIGH JOW VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT IOCATIONS SHOWN ACTUAL LOCATIONS ON DE DETERMINED IN THE FIELD. <b>XERAL</b> LOCATIONS ON DE DETERMINED IN THE FIELD. <b>XERAL</b> LOCATIONS ON TO BE DETERMINED IN THE FIELD. <b>XERAL</b> LOCATIONS DE DETERMINED IN THE FIELD. <b>XERAL</b> I ACTUAL LOCATIONS SHOWN ACTUAL LOCATIONS DE DETERMINED IN THE FIELD. <b>XERAL</b> I IN REQUIRED: <b>XI44 =</b> TI6.16 SQ. IN. <b>XI44 =</b> TI7. <b>XI44 </b>	ISSUE DATE: 06/02/15 PROJECT NO.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 1 NCIBB24NCP - 06/24/18 - CTD 2 2018 CODE UPDATE 2 2018 CODE UPDATE 3 DIVISION REVISION 3 DIVISION REVISION 4 NCIB030XCP - 06/29/29 - CTD 5 NCIB012NCP - 01/29/29 - KBA
SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF         THE REG. VENTILATING AREA IS PROVIDED BY VENTILATORS         LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILS)         AT 3-0" ABOVE EAXE VENT WITT THE BALANCE BEINS FROVIDED         BY EAXE VENTS, (LOW VENTILS) (2018 NC-R 2062)         ** CALCULATION BY USA. HIGH ADV VENTILS NOT REQUIRED.         APPROXIMATE RIDGE VENT LOCATIONS SHOWN.         ACTUAL LOCATIONS OF DE DETERMINED IN THE FIELD.         XREAT         VENTILATION REQUIRED.         ATTIC AREA = 1492 SQ. FT. / 300 =         4.41 50. HIGH ADV VENTILS NOT REQUIRED.         APPROXIMATE RIDGE VENT AT 16 30. IN PER FOOT=         64.8 SQ. IN.         IGH         36 LINEAR FEET RIDGE VENT AT 16 30. IN PER FOOT=         (I) LI416 GABLE END VENT X 108 50. IN =         134 LINEAR FEET RIDGE VENT AT 5 50. IN PER FOOT=         (I) LI416 GABLE END VENT X 108 50. IN =         134 LINEAR FEET RAVE VENT AT 5 50. IN PER FOOT=         (I) LI416 GABLE END VENT X 108 50. IN =         IDTAL LOW=         TOTAL LOW=         134 LINEAR FEET REQUIRED.         ATTIC AREA =         ATTIC AREA =         ID S0. FT. / 150 =         (I) LI416 GABLE END VENT AT 5 50. IN PER FOOT=         (I) LI418 GABLE END VENT AT 5 50. IN PER FOOT=         I	ISSUE DATE: 06/02/15 PROJECT No.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 1 DIVISION REVISIONS 2016 CODE UPDATE 201
SPACE.         PROVIDE THAT AT LEAST 50% I NO MORE THAN 80% OF           THE REG. VENTILATION AREA IS PROVIDED BY VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILATORS           AT 3-0" ABOVE EAXE VENT WITT THE BALANCE BEINS PROVIDED           BY EAVE VENTS, (LOW VENTILS) (2018 NC-R 806.2)           * CALCULATION BY UTS), HIGHLOW VENTILS NOT REQUIRED.           APPROXIMATE RIDGE VENT LOCATIONS SHOWN.           ACTUAL LOCATIONS TO BE DETERMINED.           ATTIC AREA = 1149.2 SO. FT. / 300 =           4.471 SO. FT.           XITIC AREA = 1149.2 SO. FT. / 300 =           4.41 =           YIELA           ATTIC AREA = 1149.2 SO. FT. / 300 =           YIELA           ATTIC AREA = 1149.2 SO. FT. / 300 =           YIELA           YIELA           ATTIC AREA = 1149.2 SO. FT. / 300 =           YIELA	ISSUE DATE:         06/02/15           PROJECT NO.:         1350999:56           DIVISION MGR.:         MCP           REVISIONS:         05/07/19           1         DIVISION REVISIONS           2         2016 CODE UPDATE           2         2016 CODE UPDATE           3         DIVISION REVISIONS           4         NC19905NCP+ 69/01/9 CTD           5         DIVISION REVISIONS           5         DIVISION REVISIONS           1         PCR INTERVAL USE ONLY           5         DIVISION REVISIONS           2         2           4         COR INTERVAL USE ONLY
SPACE.         PROVIDE THAT AT LEAST 50% & NO MORE THAN 800% OF           THE REG. VENTILATION AREA IS PROVIDED BY VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILATORS           AT 3-0" ABOVE EAXE VENT WITT THE BALANCE BEINS FROVIDED           BY EAVE VENTS, (LOW VENTILS) (2016 N.CR 206.2)           ** CALCILATION BY UPPER PORTION OF THE ATTIC, (HIGH VENTILS)           ADPROXIMATE RIDGE VENT LOCATIONS SHOWN ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.           XREAL           ANTIC AREA = 1442 SQ. FT. / 300 =           XI44 =           TIG. AREA = 1442 SQ. FT. / 300 =           XI44 =           TIG. AREA = 1442 SQ. FT. / 300 =           XI44 =           TIG. AREA = 1442 SQ. FT. / 300 =           XI44 =           TIG. AREA FEET RIDGE VENT AT 16 SQ. IN. PER FOOT=           64.8 SQ. IN.           IGH           36 LINEAR FEET RIDGE VENT AT 550. IN. PER FOOT=           610 SQ. IN. =           120 ISL INFAR FEET RIDGE VENT AT 550. IN. FER FOOT=           610 SQ. IN. =           121 INFAR FEET EAVE VENT AT 5 SQ. IN. FER FOOT=           610 SQ. IN. =           122 SQ. IN. TOTAL =           124 INFAR FEET EAVE VENT AT 5 SQ. IN. FER FOOT=           124 INFAR FEET EAVE VENT AT 5 SQ. IN. FER FOOT=           120 LINEAR FEET EAVE VENT AT 5 SQ.	ISSUE DATE: 06/02/15 PROJECT No.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 1 DIVISION REVISIONS 2 2018 CODE UPDATE 2 2018 CODE UPDATE 3 DIVISION REVISION 3 DIVISION REVISIONS 4 FRAMEWALL REVISIONS 5 DIVISION REVISIONS 5 DIVISION REVISIONS 1 COMINTERVAL USE ONLY REVIEWED EX. 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
SPACE.       PROVIDE THAT AT LEAST 50% & NO MORE THAN 800% OF         THE REG. VENTILATION AREA IS PROVIDED BY VENTILATORS         LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILATORS         AT 3-0" ABOVE EAXE VENT WITT THE BALANCE BEINS FROVIDED         BY EAVE VENTS, (LOW VENTILS) (2016 N.CR 206.2)         ** CALCULATION BY UTS), HIGHLOW VENTILS NOT REQUIRED.         APPROXIMATE RIDGE VENT LOCATIONS SHOWN.         ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.         NETATION REQUIRED:         ATTIC AREA = 1442 50, FT. / 300 =         4.41 =         TIG IAREA = 1442 50, FT. / 300 =         YEAR         MEMILATION REQUIRED:         ATTIC AREA = 1442 50, FT. / 300 =         4.41 =         TIG IAREA = 1442 50, FT. / 300 =         YEAR         YEAR         MEMILATION REQUIRED:         ATTIC AREA = 1442 50, FT. / 1500 =         YEAR         YEAR      <	ISSUE DATE: 06/02/15 PROJECT No.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 1 DIVISION REVISIONS 1 DIVISION REVISIONS 2018 CODE UPDATE
SPACE.         PROVIDE THAT AT LEAST 50% & NO MORE THAN 800% OF           THE REG. VENTILATION AREA IS PROVIDED BY VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILATORS           AT 3-0" ABOVE EAXE VENT WITT THE BALANCE BEINS FROVIDED           BY EAVE VENTS, (LOW VENTILS) (2016 N.CR 206.2)           ** CALCILATION BY UPPER PORTION OF THE ATTIC, (HIGH VENTILS)           ADPROXIMATE RIDGE VENT LOCATIONS SHOWN ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.           XREAL           ANTIC AREA = 1442 SQ. FT. / 300 =           XI44 =           TIG. AREA = 1442 SQ. FT. / 300 =           XI44 =           TIG. AREA = 1442 SQ. FT. / 300 =           XI44 =           TIG. AREA = 1442 SQ. FT. / 300 =           XI44 =           TIG. AREA FEET RIDGE VENT AT 16 SQ. IN. PER FOOT=           64.8 SQ. IN.           IGH           36 LINEAR FEET RIDGE VENT AT 550. IN. PER FOOT=           610 SQ. IN. =           120 ISL INFAR FEET RIDGE VENT AT 550. IN. FER FOOT=           610 SQ. IN. =           121 INFAR FEET EAVE VENT AT 5 SQ. IN. FER FOOT=           610 SQ. IN. =           122 SQ. IN. TOTAL =           124 INFAR FEET EAVE VENT AT 5 SQ. IN. FER FOOT=           124 INFAR FEET EAVE VENT AT 5 SQ. IN. FER FOOT=           120 LINEAR FEET EAVE VENT AT 5 SQ.	ISSUE DATE:       06/02/15         PROJECT NO.:       1350999:56         DIVISION MGR.:       MCP         REVISIONS:       05/07/19         1       DIVISION REVISIONS         21       DIVISION REVISIONS         21       DIVISION REVISIONS         3       DIVISION REVISIONS         4       NCI990SNCP/ 69/25/19 / CTD         5       DIVISION REVISIONS         1       PRAMEWALK REVISIONS         1       DIVISION REVISIONS         2       DIVISION REVISIONS         1       DIVISION REVISIONS         2       DIVISION REVISIONS         1       DIVISION REVISIONS
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SPACE.         PROVIDE THAT AT LEAST 50% & NO MORE THAN 800% OF           THE REG. VENTILATION AGEA IS PROVIDED BY VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILATORS           AT 3-0" ABOVE EAXE VENT WITT THE BALANCE BEINS FROVIDED           BY EAXE VENTS, (LOW VENTILS) (2016 N.CR 2062)           ** CALCULATION BY USANINGS, HIGHLOW VENTILS NOT REQUIRED.           APPROXIMATE RIDGE VENT LOCATIONS SHOWN           ACTUAL LOCATIONS DE DETERMINED IN THE FIELD.           AREAL           ANTIC AREA = 1492 SO. FT. / 300 =           XI44 =           TIG. 65.0. IN.           YENTILATION REQUIRED.           ATTIC AREA = 1492 SO. FT. / 300 =           XI44 =           TIG. 65.0. IN.           YENTILATION REQUIRED.           ATTIC AREA =           YENTILATION REQUIRED.           ATTIC AREA =           YENTILATION REQUIRED.           YENTILATION REQUIRED.           YENTILATION REQUIRED.           YENTILATION REQUIRED.           ATTIC AREA =           YENTILATION REQUIRED.	ISSUE DATE:       06/02/15         PROJECT NO.:       1350999:56         DIVISION MGR.:       MCP         REVISIONS:       05/07/19         1       DIVISION REVISIONS         21       DIVISION REVISIONS         21       DIVISION REVISIONS         3       DIVISION REVISIONS         4       NCI990SNCP/ 69/25/19 / CTD         5       DIVISION REVISIONS         1       PRAMEWALK REVISIONS         1       DIVISION REVISIONS         2       DIVISION REVISIONS         1       DIVISION REVISIONS         2       DIVISION REVISIONS         1       DIVISION REVISIONS
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SPACE.         PROVIDE THAT AT LEAST 50% & NO MORE THAN 800% OF           THE REG. VENTILATION AGEA IS PROVIDED BY VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILATORS           AT 3-0" ABOVE EAXE VENT WITT THE BALANCE BEINS FROVIDED           BY EAXE VENTS, (LOW VENTILS) (2016 N.CR 2062)           ** CALCULATION BY USANINGS, HIGHLOW VENTILS NOT REQUIRED.           APPROXIMATE RIDGE VENT LOCATIONS SHOWN           ACTUAL LOCATIONS DE DETERMINED IN THE FIELD.           AREAL           ANTIC AREA = 1492 SO. FT. / 300 =           XI44 =           TIG. 65.0. IN.           YENTILATION REQUIRED.           ATTIC AREA = 1492 SO. FT. / 300 =           XI44 =           TIG. 65.0. IN.           YENTILATION REQUIRED.           ATTIC AREA =           YENTILATION REQUIRED.           ATTIC AREA =           YENTILATION REQUIRED.           YENTILATION REQUIRED.           YENTILATION REQUIRED.           YENTILATION REQUIRED.           ATTIC AREA =           YENTILATION REQUIRED.	ISSUE DATE: 06/02/15 PROJECT NO.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 1 NCIBB24NCP 06/24/18 - CTD 2 2018 CODE UPDATE NCIBB24NCP 06/24/18 - CTD 3 DIVISION REVISION 4 NCIBB24NCP 06/24/18 - CTD 4 FRAMEWALK REVISIONS 4 NCIBB2NCP 06/29/20 - ETA 5 DIVISION REVISIONS 5 NCIBB2NCP 06/29/20 - ETA 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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SPACE.         PROVIDE THAT AT LEAST 50% & NO MORE THAN 800% OF           THE REG. VENTILATION AREA IS PROVIDED BY VENTILATORS           LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILATORS           AT 3-0" ABOVE EAXE VENT WITT THE BALANCE BEINS FROVIDED           BY EAVE VENTS, (LOW VENTILS) (2016 N.CR 206.2)           ** CALCILATION BY UPPER PORTION OF THE ATTIC, (HIGH VENTILS)           ADPROXIMATE RIDGE VENT LOCATIONS SHOWN ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.           XREAL           ANTIC AREA = 1442 SQ. FT. / 300 =           XI44 =           TIG. AREA = 1442 SQ. FT. / 300 =           XI44 =           TIG. AREA = 1442 SQ. FT. / 300 =           XI44 =           TIG. AREA = 1442 SQ. FT. / 300 =           XI44 =           TIG. AREA FEET RIDGE VENT AT 16 SQ. IN. PER FOOT=           64.8 SQ. IN.           IGH           36 LINEAR FEET RIDGE VENT AT 550. IN. PER FOOT=           610 SQ. IN. =           120 ISL INFAR FEET RIDGE VENT AT 550. IN. FER FOOT=           610 SQ. IN. =           121 INFAR FEET EAVE VENT AT 5 SQ. IN. FER FOOT=           610 SQ. IN. =           122 SQ. IN. TOTAL =           124 INFAR FEET EAVE VENT AT 5 SQ. IN. FER FOOT=           124 INFAR FEET EAVE VENT AT 5 SQ. IN. FER FOOT=           120 LINEAR FEET EAVE VENT AT 5 SQ.	ISSUE DATE: 06/02/15 PROJECT NO.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 1 NCIBB24NCP 06/24/18 - CTD 2 2018 CODE UPDATE NCIBB24NCP 06/24/18 - CTD 3 DIVISION REVISION 4 NCIBB24NCP 06/24/18 - CTD 4 FRAMEWALK REVISIONS 4 NCIBB2NCP 06/29/20 - ETA 5 DIVISION REVISIONS 5 NCIBB2NCP 06/29/20 - ETA 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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SPACE.       PROVIDE THAT AT LEAST 50% & NO MORE THAN 800% OF         THE REG. VENTILATING AREA IS PROVIDED BY VENTILATORS         LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILATORS         LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILATORS         A BY O' ABOVE EAVE VENT NITH THE BALANCE BEINS FROVIDED         BY E VARUATION BY UPPER PORTION OF THE ATTIC, (HIGH VENTILS)         ADDITION THE UPPER PORTION OF THE ATTIC, (HIGH VENTILS)         ADDITION PROVIDED         MATHON REGURED:         ATTIC AREA = 1442 50. FT. / 300 =         ATTIC AREA = 1442 50. FT. / 300 =         XI 44 =         TIGI.6 50. IN.         BOH         36 LINEAR FEET RIDGE VENT AT 16 50. IN. PER FOOT=         646 50. IN.         16H         36 LINEAR FEET RIDGE VENT AT 550. IN. PER FOOT=         610         134 LINEAR FEET RIDGE VENT AT 550. IN. PER FOOT=         610         134 LINEAR FEET EAVE VENT AT 550. IN. PER FOOT=         610         134 LINEAR FEET EAVE VENT AT 550. IN. PER FOOT=         626 50. IN.         134 LINEAR FEET EAVE VENT AT 550. IN. PER FOOT=         102         134 LINEAR FEET EAVE VENT AT 550. IN. PER FOOT=         134         134         134         134	ISSUE DATE: 06/02/15 PROJECT NO.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 05/07/19 1 NCIBB2ANCP 06/24/18 - CTD 2 2018 CODE UPDATE 2 2018 CODE UPDATE 3 DIVISION REVISIONS 4 NCIBOISTRCP 06/2019 / CTD 3 DIVISION REVISION 4 FRAMEWALK REVISIONS 5 NCIBOISTRCP 06/2019 / CTD 5 NCIBOISTRCP 06/2019 / CTD 1 COR INTERVAL USE ORLY EXCERTED EX. 1 2 2 2 9 COR INTERVAL USE ORLY EXCERTED EX. 1 2 2 40.2596-R SHEET: 3.D2 SPEC. LEVEL 1





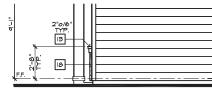
SCALE I/4"=I'-0" (22"X34") - I/8"=I'-0" (II"XI7")

Ħ	ELEVATION NOTES			
NOT	E: NOT ALL KEY NOTES APPLY.			
I.	ROOF MATERIAL - REFER TO ROOF NOTES			
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP			~
З.	G.I. FLASHING			
4.	G.I. FLASHING & SADDLE/CRICKET	-		
5.	G.I. DRIP SCREED			
6.	24"x24" CHIMNEY	8		
7.	DECORATIVE VENT			
8.	DECORATIVE CORBEL			
9.	DECORATIVE SHUTTERS	-		
10.	PEDIMENT. SEE ELEVATION FOR TYPE			
п. –	RECESSED ELEMENT			
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE			
13.	TRIM PER SPEC- SEE ELEVATION FOR SIZE			
14.	SYNTHETIC MATERIAL	-	-	-
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.			
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	-		
17.	SHAKE SIDING			
18.	STONE VENEER PER SPECS			
19.	BRICK/MASONRY VENEER PER SPECS			
20.	BUILT UP BRICK COLUMN		8	8
21.	SOLDIER COURSE			
22.	ROWLOCK COURSE			
23.	FRIEZE BOARD			
24.	SIDING W/ 4" CORNER TRIM PER SPECS			
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE		8	8
26.	PRE-FAB DECORATIVE TRIM	N	ORT	Ή C
27.	LIGHT WEIGHT PRECAST STONE TRIM	114	OKI	II C
28.	P.T. LUMBER RAILINGS (+36" U.N.O.)		10	' SF
29.	WRAP		ΨV	<b>DI</b>
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.			KB I
31.	BRACKET OR KICKER - FYPHON OR EQ.	_N0	ORTH	CAROI
32.	ENTRY DOOR			
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.		4518	S. M
34.	SECTIONAL GARAGE DOOR PER SPECS			SUITI
35.	ALUMINUM WRAP		DUR	HAM.
	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	_		(919)
1	OPTIONAL STANDING SEAM METAL ROOF			· /
38.	KEYSTONE		FAX:	(919)
1	SOLDIER CROWN		8	8
1	JACK SOLDIER COURSE			
41.	WATER TABLE	_	_	_
39. 40.	SOLDIER CROWN JACK SOLDIER COURSE	•	ł	"AX:

- 42. ATRIUM DOOR 43. PILASTER SEE ELEVATION FOR TYPE



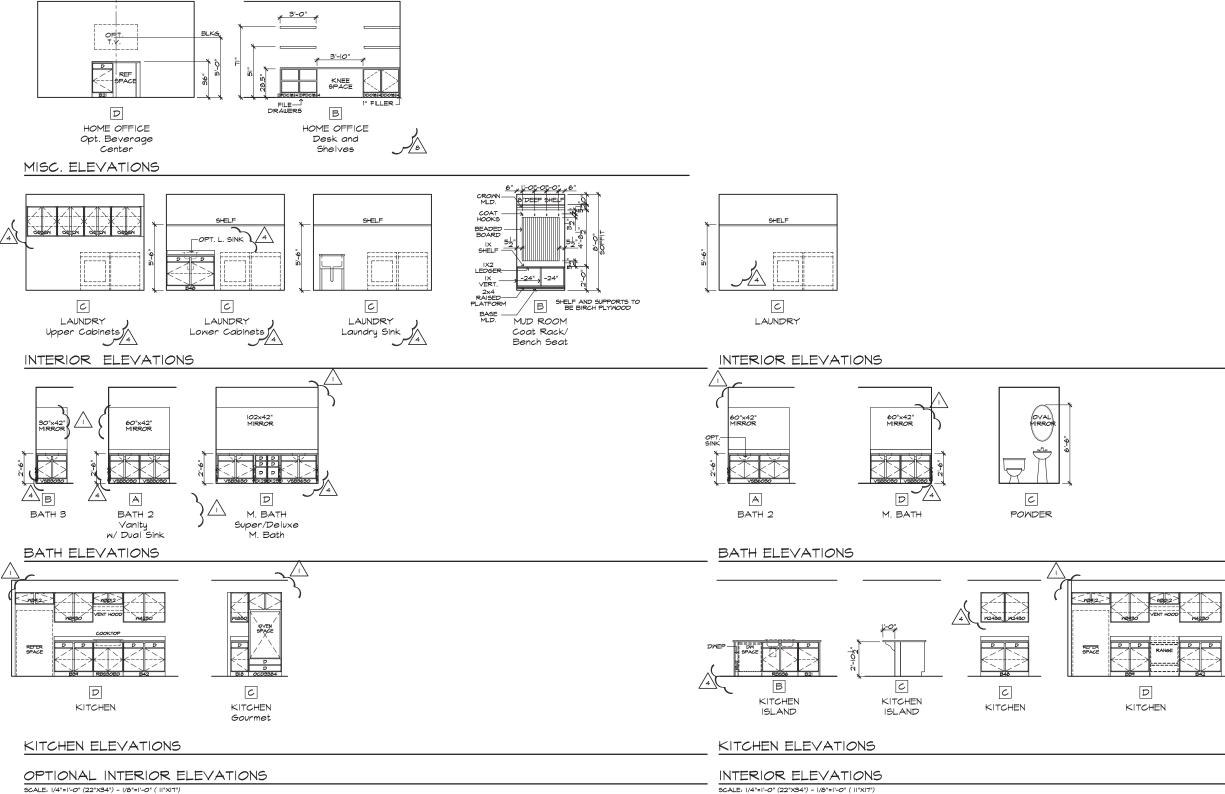


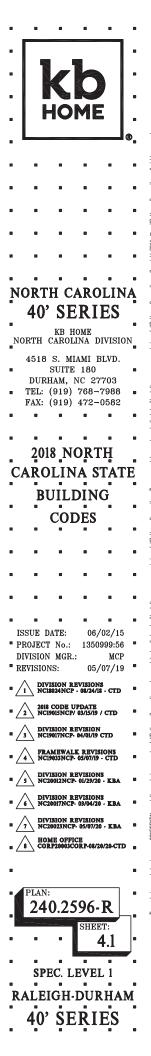


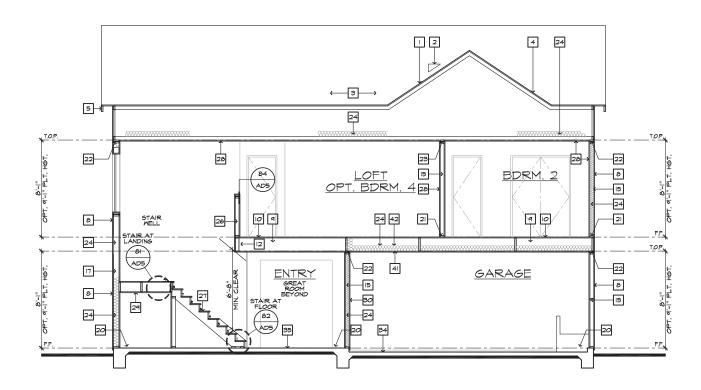
RIGHT ELEVATION 'D' W/ OPTIONAL STONE AT OPTIONAL 9'-1" PLT. HGT. Scale 1/4"=1"-0" (22"X34") - 1/8"=1"-0" (11"X1")

ELEVATION NOTES	
<u>KOTE:</u> NOT ALL KEY NOTES APPLY.	
. ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP	
3. G.I. FLASHING	
4. G.I. FLASHING & SADDLE/CRICKET	
5. G.I. DRIP SCREED 5. 24"x24" CHIMNEY	
DECORATIVE VENT	LIOME
DECORATIVE CORBEL	
. DECORATIVE SHUTTERS 2. PEDIMENT, SEE ELEVATION FOR TYPE	
I. RECESSED ELEMENT	.                             • • •
2. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	
3. TRIM PER SPEC- SEE ELEVATION FOR SIZE	
4. SYNTHETIC MATERIAL 5. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
FYPON OR EQ. SURROUNDING STRUCTURAL POST.	
6. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 7. SHAKE SIDING	
3. STONE VENEER PER SPECS	
1. BRICK/MASONRY VENEER PER SPECS	
O. BUILT UP BRICK COLUMN	
I. SOLDIER COURSE	
2. ROWLOCK COURSE	
3. FRIEZE BOARD	
24. SIDING W/ 4" CORNER TRIM PER SPECS 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE	
26. PRE-FAB DECORATIVE TRIM	NORTH CAROLINA
7. LIGHT WEIGHT PRECAST STONE TRIM	8 1
28. P.T. LUMBER RAILINGS (+36" U.N.O.)	40' SERIES
9. WRAP 0. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE	
ELEVATION FOR SIZE.	KB HOME
1. BRACKET OR KICKER - FYPHON OR EQ. 2. ENTRY DOOR	NORTH CAROLINA DIVISION
2. ENTRT DOOR 3. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4518 S. MIAMI BLVD.
4. SECTIONAL GARAGE DOOR PER SPECS	SUITE 180
5. ALUMINUM WRAP	DURHAM, NC 27703
6. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS 7. OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7988
8. KEYSTONE	FAX: (919) 472-0582
19. SOLDIER CROWN	
O. JACK SOLDIER COURSE	
H. WATER TABLE 12. ATRIUM DOOR	
3. PILASTER - SEE ELEVATION FOR TYPE	2018_NORTH
PARTIAL PLAN NOTES	
INTE, NOT ALL KEY MOTES APPLY. T. NATER HEATER LOCATION FOR 6AS - LOCATE ON 10° HIGH DRAIN, REFER TO DETAILS. B. WAITER HEATER 19 VENT TO OUTSIDE AIR MAIN_LINE SHUT-OFF VALVE AND TEMP. 4 PRESSURE RELIEF	CAROLINA STATE
PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO DETAILS)	
8. WATER HEATER 'B' VENT TO OUTSIDE AIR 19. MAIN LINE SHUT-OFF VALVE AND TEMP & PRESSURE RELIFE	BUILDING
INFOF WALL BELOW	
H. LINE OF FLOOR ABOVE	CODES
8. MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) 0. A/C PAD LOCATION	
I. LOW WALL - REFER TO PLAN FOR HEIGHT 2. 2x6 STUD WALL	
4. DBL. 2x4 WALL PER PLAN 5. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT	
7. FLAT SOFFIT 8. ARCHED SOFFIT	
O. OPT. DOOR/ WINDOW	
<ol> <li>MKEMANDERAGINED DECORATIVE COLUMN (5)2E, SEE ELEV.)</li> <li>FYPON OR EQ. SURROUNDING STRUCTURAL POST.</li> <li>BRICK / STONE VENEER - REFER TO ELEVATIONS</li> <li>SECTIONAL GARAGE DOOR PER SPECS</li> <li>SECTIONAL GARAGE DUOR PER SPECS</li> </ol>	
6. 3" DIAM, CONCRETE FILLED OPER SPECS	
6. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC MATER HEATERS OR FOR	
APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).	
0. EGRESS WINDOW	ISSUE DATE: 06/02/15
	PROJECT No.: 1350999:56
5. MINDOW LEDGE, HEIGHI & MIDTH OF OPENING TO EXTEND O BEYOND MINDOW(S) ON ALL SIDES UN.O. 6. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE I CONCETE & A B. CI OPE LA" REP FT MIN GEE PLAN EOP	DIVISION MGR.: MCP
<ol> <li>CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE.</li> </ol>	REVISIONS: 05/07/19
	_ / DIVISION REVISIONS
	LI DIVISION REVISIONS NCI2024NCP · 08/24/18 · CTD
	2 NCI90ISNCP/ 03/15/19 / CTD
	DIVISION REVISION
	MC19017NCP- 04/01/19 CTD
	FRAMEWALK REVISIONS NC19033NCP- 05/07/19 - CTD
	DIVISION REVISIONS NC20012NCP- 01/29/20 - KBA
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	FOR INTERNAL USE ONLY REVIEWED BY:
	REVIENED BY: I
	REVIENED BY: I I 2 I 3 I
	REVIEWED BY:           L           2.           9.           4.           5.
	REVIENED BY:         .           1.
	REVIEWED BY:           L           2.           9.           4.           5.
	SEVIENED BY.           1           2           3           4           5           6
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	<ul> <li>Exclered BY.</li> <li>2</li> <li>3</li> <li>4</li> <li>5</li> <li>240.2596-R</li> </ul>
	PLAN: 240.2596-R SHEET: 3.D7
	PLAN: 240.2596-R SHEET: 3.D7 SPEC. LEVEL 1
ICTEL TEFER TO BASIC FLOOR FLAN FOR INFORMATION NOT HERE	PLAN: 240.2596-R SHEET: 3.D7

 $\sqrt{5}$ 

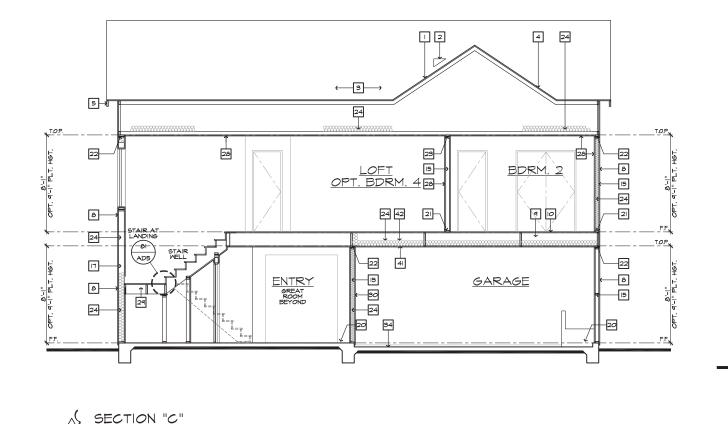


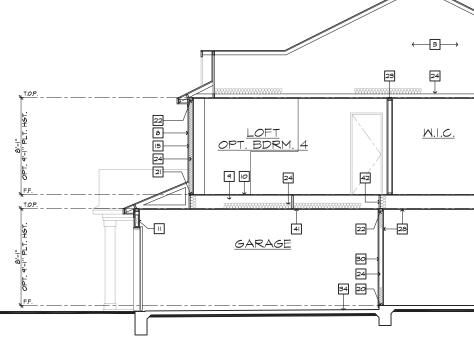




SECTION "A" SCALE 1/4"=1"-0" (22"X34") - 1/8"=1"-0" (11"X17")

AT SLAB-ON-GRADE

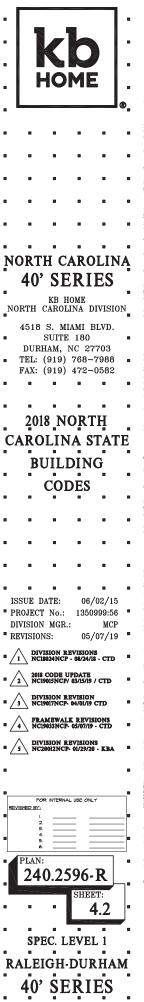


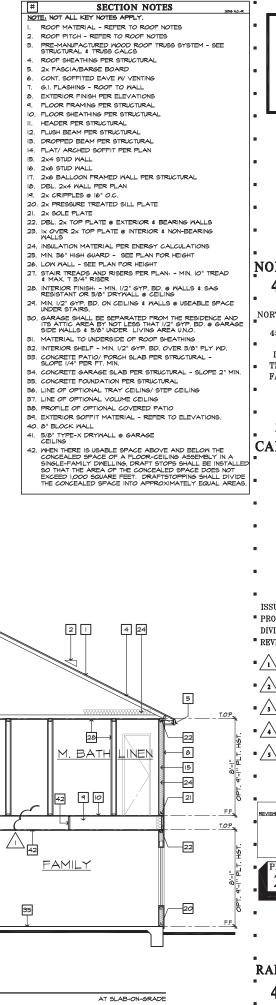


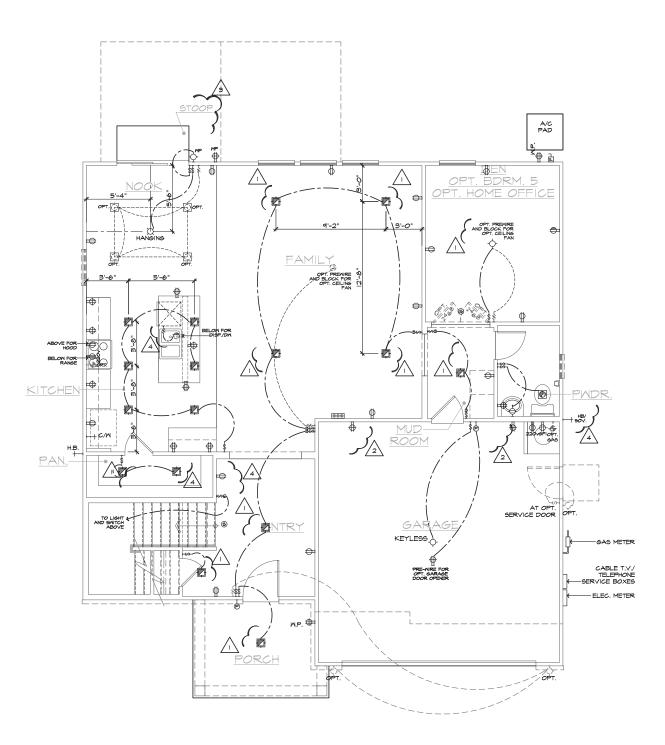
4 SCALE I/4"=I'-0" (22"X34") - I/8"=I'-0" (II"XI7")

AT SLAB-ON-GRADE

SECTION "B" SCALE 1/4"=1'-0" (12"X34") - 1/8"=1'-0" (11"X17")

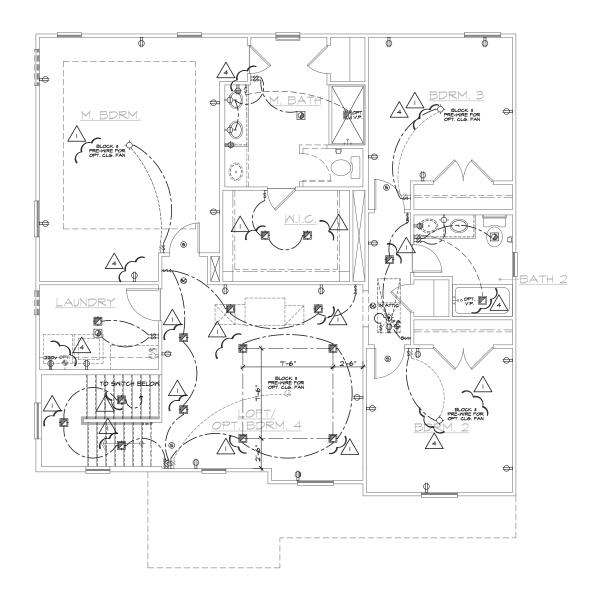






FIRST FLOOR UTILITY PLAN

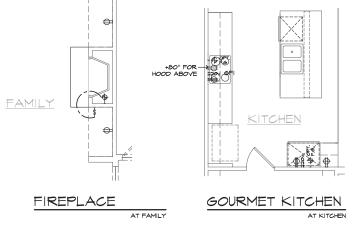
	UTILITY LEGEND 200 NG. R/ 2011 NEG.	] •	8	•	8	
÷	120V DUPI EX CONVENIENCE RECEPTACI E					
I MP GFI	ARC FAULT(AFCI) AND TAMPER RESISTANT(TR) 12" ABV. FIN. FLR. TYPICAL U.N.O. 120y (TR) RECEPTACLE W GFI CIRCUIT					
⊕ MP	W WATER RESISTANT HOUSING	8			A	
-⊖ 6FI ⊕	120V (TR) RECEPTACLE W/ GFI CIRCUIT				N	
р Г	FUSED DISCONNECT			<b>N</b>	ME	
$\odot$	1207 (AFCI & TR) RECESSED FLOOR RECEPTACLE W COVER	8				
•	120V (AFGI & TR) DUPLEX CONVENIENCE RECEPTAGLE SMITCH CONTROLLED, 1/2 HOT					
<b>I⊖</b> 220 v		-				
-	HEIGHT NOTED AS PER PLAN TWO-POLE LIGHT SWITCH AT 42" ABV. FIN. FLR.	-		•		
<del>-69-</del>	8" ABOVE COUNTER U.N.O.		_	-	-	_
-∽-3 -∽-4	THREE-POLE LIGHT SWITCH FOUR-POLE LIGHT SWITCH	<b>-</b>	•	•	•	
о́-м.р.	WALL MOUNTED LIGHT FIXTURE	•				
	W/ WATER RESISTANT HOUSING		_	_		_
<b>수</b>	WALL MOUNTED INCANDESCENT LIGHT FIXTURE	•			•	
¢-	WALL MOUNTED FLUORESCENT LIGHT FIXTURE					
<b>-</b>	CEILING MOUNTED INCANDESCENT LIGHT FIXTURE					_
6-	CEILING MOUNTED FLUORESCENT	8 1.17/	יי ייתר	• • • • •		ם דאי
		NO INC			AROL	
Ø	HANGING INCANDESCENT LIGHT FIXTURE		40	'SE	ERIE	S
₽	RECESSED INCANDESCENT DIRECTIONAL LIGHT FIXTURE (EYE BALL)		-	KB 1	HOME	
₹	RECESSED INCANDESCENT LIGHT FIXTURE	NO	RTH		LINA DIV	ISIO
	LIGHTING - TRAVERSE II LED FIXTURE - PER SPECS	-	4518	S. M	IAMI BLV	VD.
҈ј м.р.	RECESSED INCANDESCENT LIGHT FIXTURE W/ WATER RESISTANT HOUSING	•		SUITH	E 180	
Þ	RECESSED FLUORESCENT LIGHT FIXTURE				NC 2770	
	RECESSED EXHAUST FAN				768-79 472-05	
Ş	RECESSED EXHAUST FAN/ INCANDESCENT LIGHT COMBINATION					8
	RECESSED EXHAUST FAN/ FLUORESCENT					
ф )	LIGHT COMBINATION	•			0.0.0.0.0	
	ILLUMINATED ADDRESS SIGN - VISIBLE		<b>2</b> 0	18 N	ORTH	ł
	FROM STREET		ARC	DLIN	NA ST	AT
į		•				8
881	24"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)		B	UIL	DING	
		<b>–</b>		co	DES	-
		-		-01	8 UU	
	12"x48" FLUORESCENT LIGHT					
Ĩ!	BOX (CEILING MOUNTED)	•		•	•	8
۲	OPTIONAL PRE-WIRED CEILING FAN AND SWITCH - LOCATED IN CENTER OF ROOM U.N.O.					
Ø	CEILING MOUNTED JUNCTION BOX	•	•	8		8
Ð	WALL MOUNTED JUNCTION BOX					
	DOOR CHIME	-	SUE 1		06/02	-
₩ ®	CATV RECEPTACLE PUSH BUTTON			T No.:		
-© ⊲	PUSH BUTTON PHONE OUTLET			N MGR		MCP
]	SERVICE BOX	" RE	EVISIO	NS:	05/07	/19
, +нв	HOSE BIB	• /,		1510N B	EVISIONS • 08/24/18 • •	стр
# HB	HOSE BIB W/ S.O.V.					
+ см	WATER STUB FOR ICE MAKER APPROVED CEILING MOUNTED	• _:		I CODE	UPDATE // 03/15/19 / C	TD
9	MONTED CEILING MOUNTED SMOKE DETECTOR TO BE HARD WIRED WITH BATTERY BACK-UP AND INTERCONNECTED	./.		VISION B		n
⊗	APPROVED CARBON MONOXIDE ALARM/ SMOKE DET.		<u> </u>		• 04/01/19 CT	
-T	THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN)	•	FR NC	AMEWAI 19033NCI	LK REVISIO - 05/07/19 - C	NS TD
<b>\$</b>	GAS TAP GAS KEY - FIREPLACE GAS VALVES SHALL BE	1.7		VISION I	EVISIONS	
X	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48" FROM GAS OUTLET	"/	<u>s \</u> NC	20012NC	P• 01/29/20 • 1	KBA
<b>C</b> 14		- /		VISION I	REVISIONS P- 03/04/20 - 1	КВА
RC	ITCHING FOR 24" MIN. SEPERATION NOMS W/ CLG. FAN OF ELECTRICAL BOXES TIONS AS SHOWN BELOW		<u> </u>		LEVISIONS	-
.IGHT / F		• <u>/</u> :		20023NC	P• 05/07/20 • 1	КВА
½ HO		./	HO CO	ME OFF	ICE CORP-08/20/2	0-CTD
_		7		VISION I	EVISION	**
SECC	NDARY MASTER GARAGE	• _	NC _ T	21003NC]	P • 12/18/20 • 1	ква
	NOTES		PLAN			
. MECI SHOI	HANICAL, ELECTRICAL AND PLUMBING SYSTEMS ARE NN FOR INTENT ONLY. THESE SYSTEMS SHALL BE NEERED BY OTHERS. THE CONTRACTOR SHALL BE ONSIBLE FOR PROFER INSTALLATION AND				596-R	
ENGI RESI	NEERED BY OTHERS. THE CONTRACTOR SHALL BE PONSIBLE FOR PROPER INSTALLATION AND		24	·v.2.		
OF F	CEMENT. ALL HEIGHTS SHOWN ARE TO CENTERLINE FIXTURE.				SHEET	
2. PRO RECI	VIDE SWITCH, LIGHT, I2OV (AFCI & TR) DUPLEX EPTACLE, & FUEL GAS STUB OR 22OV RECEPTACLE TTIC FOR F.A.U PER COMMUNITY SPECIFICATIONS.	•	•	•	5.	1
						 12
BE	KE DETECTORS IN ROOMS WITH VOLUME CEILING TO LOCATED AT HIGHEST POINT OF CEILING		SP	EC. L		1
4. 20 F ADD	FOOT #4 REBAR FOR UFER GROUND AND HTIONAL COLD WATER GROUND. REFER TO SLAB REACE PLAN FOR LOCATION.					
	RFACE PLAN FOR LOCATION. AMP ELECTRICAL PANEL (DEFAULT). ELECTRICAL	R/	ALE	IGH	DUR	1A]
5. 200 PLAI AMP	N CHECK PERMIT REQUIRED IF LOAD EXCEED 400	<b>-</b>	40	, <u>s</u> t	ERIE	S
		Ι.	10	91		

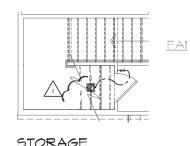


	UTILITY LEGEND	] =		•	2	
÷	120V DUPLEX CONVENIENCE RECEPTACLE ARC FAULT(AFCI) AND TAMPER RESISTANT(TR) 12° ABV. FIN. FLR. TYPICAL U.N.O.	.				
	12" ABY, FIN, FLR, TYPICAL UNO. 120V (TR) RECEPTACLE W GFI CIRCUIT W WATER RESISTANT HOUSING					
r⊕ MP I⊕ GFI	120V (TR) RECEPTACLE W/ GFI CIRCUIT	8		K	$\bigcirc$	
⊕ ₽	FUSED DISCONNECT	•				
0	120V (AFCI & TR) RECESSED FLOOR RECEPTACLE W COVER			40	ME	
•	120V (AFCI & TR) DUPLEX CONVENIENCE RECEPTACLE					
- ⊫⊖ 220 v	SWITCH CONTROLLED, 1/2 HOT 22OV SINGLE CONVENIENCE RECEPTACLE					
н <del>о</del> -	HEIGHT NOTED AS PER PLAN TWO-POLE LIGHT SWITCH AT 42" ABV. FIN. FLR.		8	•	8	•
<del>⊢⇔</del> 3	8" ABOVE COUNTER U.N.O. THREE-POLE LIGHT SWITCH		•			
<del>⊦69-</del> 4	FOUR-POLE LIGHT SWITCH					
ю́-м.р.	WALL MOUNTED LIGHT FIXTURE W/ WATER RESISTANT HOUSING					
ф	WALL MOUNTED INCANDESCENT LIGHT FIXTURE	•		•	•	•
ŀ¢-	WALL MOUNTED FLUORESCENT LIGHT FIXTURE	•		•	8	•
- <b>수</b> -	CEILING MOUNTED INCANDESCENT LIGHT FIXTURE					
-\$-	CEILING MOUNTED FLUORESCENT LIGHT FIXTURE	N	ORT	н с	ARO	LIN
¤	HANGING INCANDESCENT LIGHT FIXTURE		<b>4</b> 0 <sup>2</sup>	' SF	ERI	ES
Ð	RECESSED INCANDESCENT DIRECTIONAL LIGHT FIXTURE (EYE BALL)	•		KB E		
Ø	RECESSED INCANDESCENT LIGHT FIXTURE LIGHTING - TRAVERSE II LED FIXTURE - PER	∎NC	RTH		INA D	IVISIO
	RECESSED INCANDESCENT LIGHT FIXTURE		4518		IAMI E	BLVD.
ф м.р. Ф	W/ WATER RESISTANT HOUSING	•	DUR	SUITE HAM,	: 180 NC 27	703
© €	RECESSED FLUORESCENT LIGHT FIXTURE RECESSED EXHAUST FAN	•		1 (	768- 472-	
Ş	RECESSED EXHAUST FAN/ INCANDESCENT LIGHT COMBINATION		•	(313)	3 TI-5	
	RECESSED EXHAUST FAN/ FLUORESCENT LIGHT COMBINATION		_	-	-	
D	INCANDESCENT WALL SCONCE		201	18 N	ORT	'n
	ILLUMINATED ADDRESS SIGN - VISIBLE FROM STREET	C.				
00	24"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)		B	UIL	DIN	G
			-	COI	DES	-
		•		•		•
	12"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)	•	•	•		•
۲	OPTIONAL PRE-WIRED CEILING FAN AND SWITCH - LOCATED IN CENTER OF ROOM U.N.O.					
0	CEILING MOUNTED JUNCTION BOX		•	•	•	•
	WALL MOUNTED JUNCTION BOX	•		•		•
ΗM	CATV RECEPTACLE		SUE I ROJEC'	DATE: F No.:		02/15
⊢® ⊢∎	PUSH BUTTON PHONE OUTLET	DI	VISIO	MGR.	:	MCP
]	SERVICE BOX	RI	EVISIO		-	07/19
—+ нв -# нв	HOSE BIB HOSE BIB W/ S.O.V.	•/		1510N R 18024NCF	EVISION • 08/24/1	S . CTD
— см	WATER STUB FOR ICE MAKER	- /	2011 2 NC	CODE U	JPDATE / 03/15/19	/ СТД
9	APPROVED CEILING MOUNTED SMOKE DETECTOR TO BE HARD WIRED WITH BATTERY BACK-UP AND INTERCONNECTED	<b>,</b> 7	 ^DIN	ISION R	EVISION	
8	APPROVED CARBON MONOXIDE ALARM/ SMOKE DET.	<u> </u>	<u> </u>		• 04/01/19 .K REVIS	
⊢ T ⊢	THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN) GAS TAP	•/		19033NCP	- 05/07/19	CTD
H	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48" FROM GAS OUTLET	• _		ISION R	EVISION - 01/29/20	S • KBA
_						
RC	ITCHING FOR 24" MIN. SEPERATION OMS W/ CLG. FAN OF ELECTRICAL BOXES TIONS AS SHOWN BELOW					
LIGHT / F ½ HO			FC		NL USE ONL	۲
		•	1			
SFCC	$\begin{array}{c c} \$\$ \\ \blacksquare $		5 1	k	= =	
	NOTES		PLAN	»		
I. MEG	HANICAL, ELECTRICAL AND PLUMBING SYSTEMS ARE IN FOR INTENT ONLY. THESE SYSTEMS SHALL BE NEERED BY OTHERS. THE CONTRACTOR SHALL BE CONSIBLE FOR PROPER INSTALLATION AND				596-	R
PLA	JEMENT, ALL HEIGHTS SHOWN ARE TO CENTERLINE	•		U.L.	SHEE	
OF F	IXTURE.			8		5.2
	VIDE SWITCH, LIGHT, 120V (AFCI & TR) DUPLEX EPTACLE, & FUEL GAS STUB OR 220V RECEPTACLE TTIC FOR F.A.U. – PER COMMUNITY SPECIFICATIONS.		-	-	<u> </u>	
BE	KE DETECTORS IN ROOMS WITH VOLUME CEILING TO LOCATED AT HIGHEST POINT OF CEILING		SP	EC. L	EVE	
4. 20 F ADD	FOOT #4 REBAR FOR UFER GROUND AND ITIONAL COLD WATER GROUND. REFER TO SLAB RFACE PLAN FOR LOCATION.	в П			ייות.	
	RFACE PLAN FOR LOCATION. AMP ELECTRICAL PANEL (DEFAULT). ELECTRICAL N CHECK PERMIT REQUIRED IF LOAD EXCEED 400	<b>K</b> /	8			
AMP	S.		<b>40</b> <sup>2</sup>	ŚĒ	ERI	ES

# FIRST FLOOR UTILITY PLAN OPTIONS SCALE 1/4"=1"-0" (22"X34") - 1/8"=1"-0" (11"X17")

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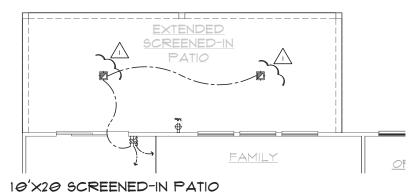




STORAGE AT COAT CLOSET

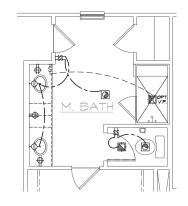






	UTILITY LEGEND	] =	8	•		
÷	120V DUPLEX CONVENIENCE RECEPTACLE ARC FAULT(AFCI) AND TAMPER RESISTANT(TR)	1.				
다. MP 6루	ARC FAULT(AFCI) AND TAMPER RESISTANT(TR) 12° ABV. FIN. FLR. TYPICAL U.N.O. 120V (TR) RECEPTACLE W/ GFI CIRCUIT	-		_		
r∰ MP	W WATER RESISTANT HOUSING	8				
୲⊕୲ଵ⁼୲ ୲⊕	120V (TR) RECEPTACLE W/ GFI CIRCUIT					
Ŀ.	FUSED DISCONNECT			HŌ	ME	
0	120V (AFCI & TR) RECESSED FLOOR RECEPTACLE W COVER					
-⇔	120V (AFCI & TR) DUPLEX CONVENIENCE RECEPTACLE SWITCH CONTROLLED, 1/2 HOT					<b></b> 0
i⊫ 220 v	220Y SINGLE CONVENIENCE RECEPTACLE					
	HEIGHT NOTED AS PER PLAN TWO-POLE LIGHT SWITCH AT 42" ABV. FIN. FLR.	8		•	8 8	
H	6" ABOVE COUNTER U.N.O. THREE-POLE LIGHT SWITCH					
+69-4	FOUR-POLE LIGHT SWITCH					
ю́-м.₽.	WALL MOUNTED LIGHT FIXTURE W/ WATER RESISTANT HOUSING			•		
ю	WALL MOUNTED INCANDESCENT					
	LIGHT FIXTURE WALL MOUNTED FLUORESCENT					
+ <b>€</b> -	LIGHT FIXTURE	•		•		
- <del>0</del> -	CEILING MOUNTED INCANDESCENT LIGHT FIXTURE					
-\$-	CEILING MOUNTED FLUORESCENT LIGHT FIXTURE	N	ORT	сн с	AROL	INA
¤	HANGING INCANDESCENT LIGHT FIXTURE	•			ERIE	
Ð	RECESSED INCANDESCENT DIRECTIONAL LIGHT FIXTURE (EYE BALL)		τV			Ч
₩.	LIGHT FIXTURE (EYE BALL) RECESSED INCANDESCENT LIGHT FIXTURE	NC	RTH		HOME LINA DIVI	ISION
	LIGHTING - TRAVERSE II LED FIXTURE - PER SPECS	•			IAMI BLV	
фир.	RECESSED INCANDESCENT LIGHT FIXTURE W/WATER RESISTANT HOUSING		-010		1 AMI  BLV E 180	<i></i>
Ð	RECESSED FLUORESCENT LIGHT FIXTURE				NC 2770	
	RECESSED EXHAUST FAN	•			768-79 472-05	
	RECESSED EXHAUST FAN/ INCANDESCENT LIGHT COMBINATION				8 8	
	RECESSED EXHAUST FAN/ FLUORESCENT LIGHT COMBINATION					
D	INCANDESCENT WALL SCONCE	•		■ 10 ЪT		r i
]	ILLUMINATED ADDRESS SIGN - VISIBLE FROM STREET				ORTH	
		C/	ARC	DLIN	VA STA	ATE
	24"x48" FLUORESCENT LIGHT		R	шı	DING	
	BOX (CEILING MOUNTED)					
			_	<b>CO</b> ]	DES	
				•		
	12"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)	8				
			_	_		
	OPTIONAL PRE-WIRED CEILING FAN	•		•	• •	
Q	AND SWITCH - LOCATED IN CENTER OF ROOM U.N.O. CEILING MOUNTED JUNCTION BOX		8			
нQ	WALL MOUNTED JUNCTION BOX					
	DOOR CHIME	IS	SUE	- DATE:	06/02	/15
⊢₽	CATV RECEPTACLE			T No.:		
H	PHONE OUTLET	L _		N MGR		MCP
	SERVICE BOX				05/07	/19
—+нв —≁нв	HOSE BIB HOSE BIB W/ S.O.V.	•/		VISION 1 18024 NCI	LEVISIONS P • 08/24/18 • 0	TD "
	HOSE BIB W S.O.V. WATER STUB FOR ICE MAKER	. /	201 2 NC	CODE	UPDATE // 03/15/19 / C1	- CD
6	APPROVED CEILING MOUNTED SMOKE DETECTOR TO BE HARD WIRED WITH BATTERY BACK-UP AND INTERCONNECTED				LEVISION	
	WITH BATTERY BACK-UP AND INTERCONNECTED APPROVED CARBON MONOXIDE ALARM/ SMOKE DET.	•/	3 NC	19017NCI	• 04/01/19 CTI	<b>b</b>
н®	THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN)	. /	A FR	AMEWAI	LK REVISION	
н <del>ф</del>	GAS TAP	_	<u> </u>		LEVISIONS	
ŀ₩	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48" FROM GAS OUTLET	•/	5 NC	20012NC	P· 01/29/20 · K	BA <sup>s</sup>
		• /	6 DI	VISION 1 20017NC	LEVISIONS P- 03/04/20 - E	BA F
RC 05	NITCHING FOR 24" MIN. SEPERATION DOMS W/ CLG. FAN OF ELECTRICAL BOXES PTIONS AS SHOWN BELOW		 DI	VISION I	EVISIONS	
LIGHT / I ½ HC	AN LIGHT	•/	7 NC	20023NC	P· 05/07/20 · 1	CBA <sup>B</sup>
.2110	↑ ↑ № нот	• _	E CO	DME OFF	ICE CORP-08/20/20	CTD .
SECO	NOTES					
I. MEC	HANICAL, ELECTRICAL AND PLUMBING SYSTEMS ARE	•	PLAN			۰ [
SHO	HANICAL, ELECTRICAL AND PLUMBING SYSTEMS ARE WN FOR INTENT ONLY. THESE SYSTEMS SHALL BE INEERED BY OTHERS. THE CONTRACTOR SHALL BE		24	0.2	596-R	
RES PLA	PONSIBLE FOR PROPER INSTALLATION AND CEMENT. ALL HEIGHTS SHOWN ARE TO CENTERLINE "IXTURE.				SHEET:	-7
		•			5.3	3
	VIDE SWITCH, LIGHT, I2OV (AFCI & TR) DUPLEX EPTACLE, & FUEL GAS STUB OR 22OV RECEPTACLE TTIC FOR F.A.U. – PER COMMUNITY SPECIFICATIONS.			-	L	_
3. SMC BE	KE DETECTORS IN ROOMS WITH VOLUME CEILING TO LOCATED AT HIGHEST POINT OF CEILING		SP	EC. I	EVEL I	
4. 20 ADE	FOOT #4 REBAR FOR UFER GROUND AND DITIONAL COLD WATER GROUND. REFER TO SLAB					
INTE	RFACE PLAN FOR LOCATION. AMP ELECTRICAL PANEL (DEFAULT). ELECTRICAL		ALE	IGH	DURH	IAM
	N CHECK PERMIT REQUIRED IF LOAD EXCEED 400		40	' ŠF	ERIE	S '
			1	51		~

hese



DELUXE M. BATH AT M. BATH

SECOND FLOOR UTILITY PLAN OPTIONS Scale 1/4"=1"-0" (22"X34") - 1/8"=1"-0" (11"X1")

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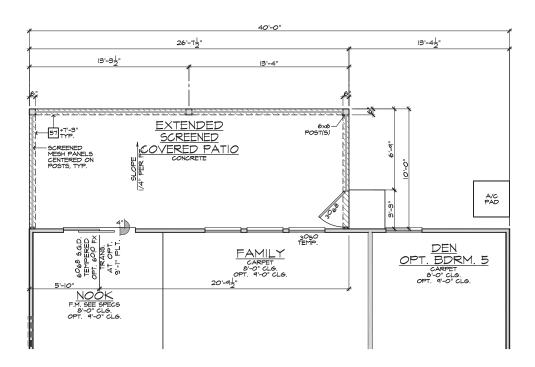
	UTILITY LEGEND	] =		•	2	
÷	120V DUPLEX CONVENIENCE RECEPTACLE ARC FAULT(AFCI) AND TAMPER RESISTANT(TR) 12° ABV. FIN. FLR. TYPICAL U.N.O.	.				
	12" ABY, FIN, FLR, TYPICAL UNO. 120V (TR) RECEPTACLE W GFI CIRCUIT W WATER RESISTANT HOUSING					
r⊕ MP I⊕ GFI	120V (TR) RECEPTACLE W/ GFI CIRCUIT	8		K	$\bigcirc$	
⊕ ₽	FUSED DISCONNECT	•				
0	120V (AFCI & TR) RECESSED FLOOR RECEPTACLE W COVER			40	ME	
-	120V (AFCI & TR) DUPLEX CONVENIENCE RECEPTACLE					
i == 220 v	SWITCH CONTROLLED, 1/2 HOT 220V SINGLE CONVENIENCE RECEPTACLE	•				
	HEIGHT NOTED AS PER PLAN TWO-POLE LIGHT SWITCH AT 42" ABV. FIN. FLR.	•		•		•
+ <del>69-</del> 3	8" ABOVE COUNTER U.N.O. THREE-POLE LIGHT SWITCH					
<del>⊦69</del> -4	FOUR-POLE LIGHT SWITCH		_	_	-	_
ю́-м.р.	WALL MOUNTED LIGHT FIXTURE W/ WATER RESISTANT HOUSING		•	•		•
ф	WALL MOUNTED INCANDESCENT LIGHT FIXTURE	•	•	•	•	•
+∲-	WALL MOUNTED FLUORESCENT LIGHT FIXTURE		8		8	
- <b>수</b> -	CEILING MOUNTED INCANDESCENT LIGHT FIXTURE			-	-	
-\$-	CEILING MOUNTED FLUORESCENT LIGHT FIXTURE	N	ORT	ч Н С	- ARO	LIN
¤	HANGING INCANDESCENT LIGHT FIXTURE	Ē``			ERI	
Ð	RECESSED INCANDESCENT DIRECTIONAL LIGHT FIXTURE (EYE BALL)	•	τV			LU)
Ø	RECESSED INCANDESCENT LIGHT FIXTURE	NC	RTH	KB H CAROI		IVISIO
	LIGHTING - TRAVERSE II LED FIXTURE - PER SPECS	[	4518		IAMI E	BLVD.
(ф. м.р.	RECESSED INCANDESCENT LIGHT FIXTURE W/ WATER RESISTANT HOUSING	•	פוות	SUITE HAM.	: 180 NC 27	703
¢ N	RECESSED FLUORESCENT LIGHT FIXTURE RECESSED EXHAUST FAN	-	TEL:	(919)	768-	7988
	RECESSED EXHAUST FAN RECESSED EXHAUST FAN/ INCANDESCENT LIGHT COMBINATION		FAX:	(919)	472-	0582
Ŷ	RECESSED EXHAUST FAN/ FLUORESCENT	[	-	-	-	-
D	LIGHT COMBINATION	•			• • • • •	-
]	ILLUMINATED ADDRESS SIGN - VISIBLE FROM STREET	•			ORT	
			ARC	DLIN	IA S	TAT
i o o i	24"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)		B	UIL	DIN	G
		•	•	coi	יייייי.	•
		-			-	
	12"x48" FLUORESCENT LIGHT					
	BOX (CEILING MOUNTED)		-	-	-	-
Ē	OPTIONAL PRE-WIRED CEILING FAN	•	•	•		•
0	AND SWITCH - LOCATED IN CENTER OF ROOM U.N.O. CEILING MOUNTED JUNCTION BOX					
нQ	WALL MOUNTED JUNCTION BOX					
	DOOR CHIME CATV RECEPTACLE	IS	SUE 1	DATE:	06/	02/15
⊢®	PUSH BUTTON			F No.:		999:56 MCP
H∎ 	PHONE OUTLET		EVISIO	N MGR. NS:		MCP 07/19
_ → нв	SERVICE BOX HOSE BIB			ISION R	EVISION • 08/24/1	s
-#нв	HOSE BIB W/ S.O.V.			BO24NCP		
— см	WATER STUB FOR ICE MAKER APPROVED CEILING MOUNTED	•/	2 NC	19015NCP	/ 03/15/19	/ CTD
9 A	SMOKE DETECTOR TO BE HARD WIRED WITH BATTERY BACK-UP AND INTERCONNECTED	• _		ISION R	EVISION 04/01/19	СТД
& ⊢®	APPROVED CARBON MONOXIDE ALARM/ SMOKE DET. THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN)	. /		AMEWAL 19033NCP	.K REVIS	IONS CTD
┝╋	GAS TAP	<sup>_</sup>	 ^DIN	ISION R	EVISION	5
ŀ₩	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48" FROM GAS OUTLET	•/	s NC	20012NCI	• 01/29/20	• KBA
SM	ITCHING FOR 24" MIN, SEPERATION	-				
RC OP LIGHT / F	INS W CLG. FAN OF ELECTRICAL BOXES TIONS AS SHOWN BELOW					
LIGHT / F		REV	FC		NL USE ONL	Υ
			1	2	= =	
SECC	NDARY MASTER GARAGE	•	5	k	= =	
			PLAN			
I. MEC SHOI ENGI	HANICAL, ELECTRICAL AND PLUMBING SYSTEMS ARE NN FOR INTENT ONLY. THESE SYSTEMS SHALL BE NEERED BY OTHERS. THE CONTRACTOR SHALL BE PONSIBLE FOR PROPER INSTALLATION AND		24	0.25	596-	<b>R</b>
PLA	ONSIBLE FOR PROPER INSTALLATION AND CEMENT. ALL HEIGHTS SHOWN ARE TO CENTERLINE INTURE.				SHEE	
	INUNE. VIDE SWITCH, LIGHT, I2OV (AFCI & TR) DUPLEX EPTACLE, & FUEL GAS STUB OR 22OV RECEPTACLE TTIC FOR F.A.J PER COMMUNITY SPECIFICATIONS.	•	•			5.4
					8	
BE	KE DETECTORS IN ROOMS WITH VOLUME CEILING TO LOCATED AT HIGHEST POINT OF CEILING		SP	EC. L	EVEI	L 1
4. 20 F ADD INTE	"OOT #4 REBAR FOR UFER GROUND AND ITIONAL COLD WATER GROUND. REFER TO SLAB RFACE PLAN FOR LOCATION.	R	ALF	IGH.		HAN
5. 2 <i>00</i> PLAI	AMP ELECTRICAL PANEL (DEFAULT). ELECTRICAL N CHECK PERMIT REQUIRED IF LOAD EXCEED 400		8		8	
AMP	5 <b> </b>		40	SF	ERI	E2



SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

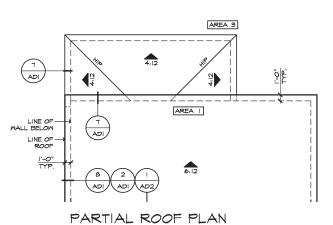


SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



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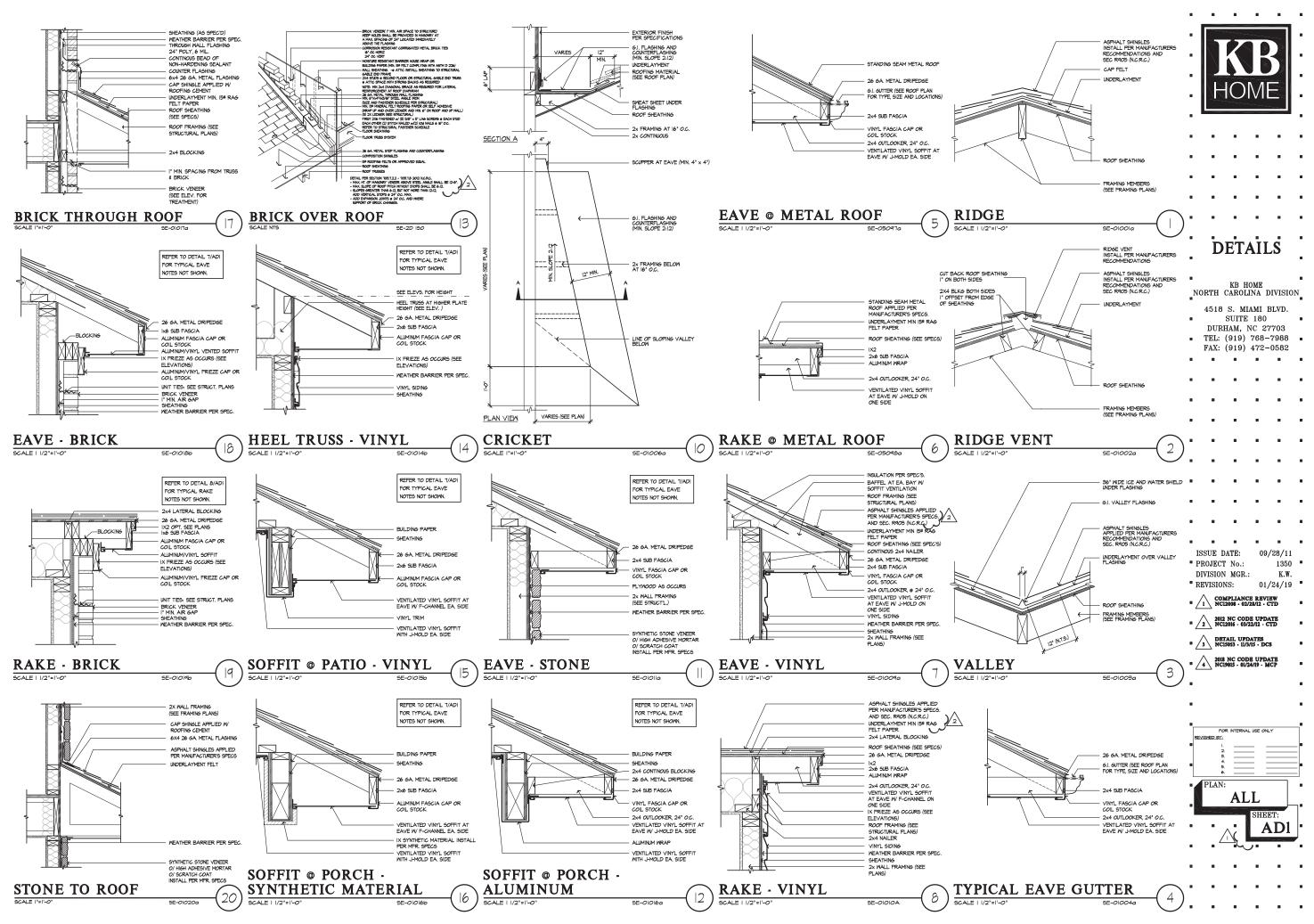
### PARTIAL FLOOR PLAN SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

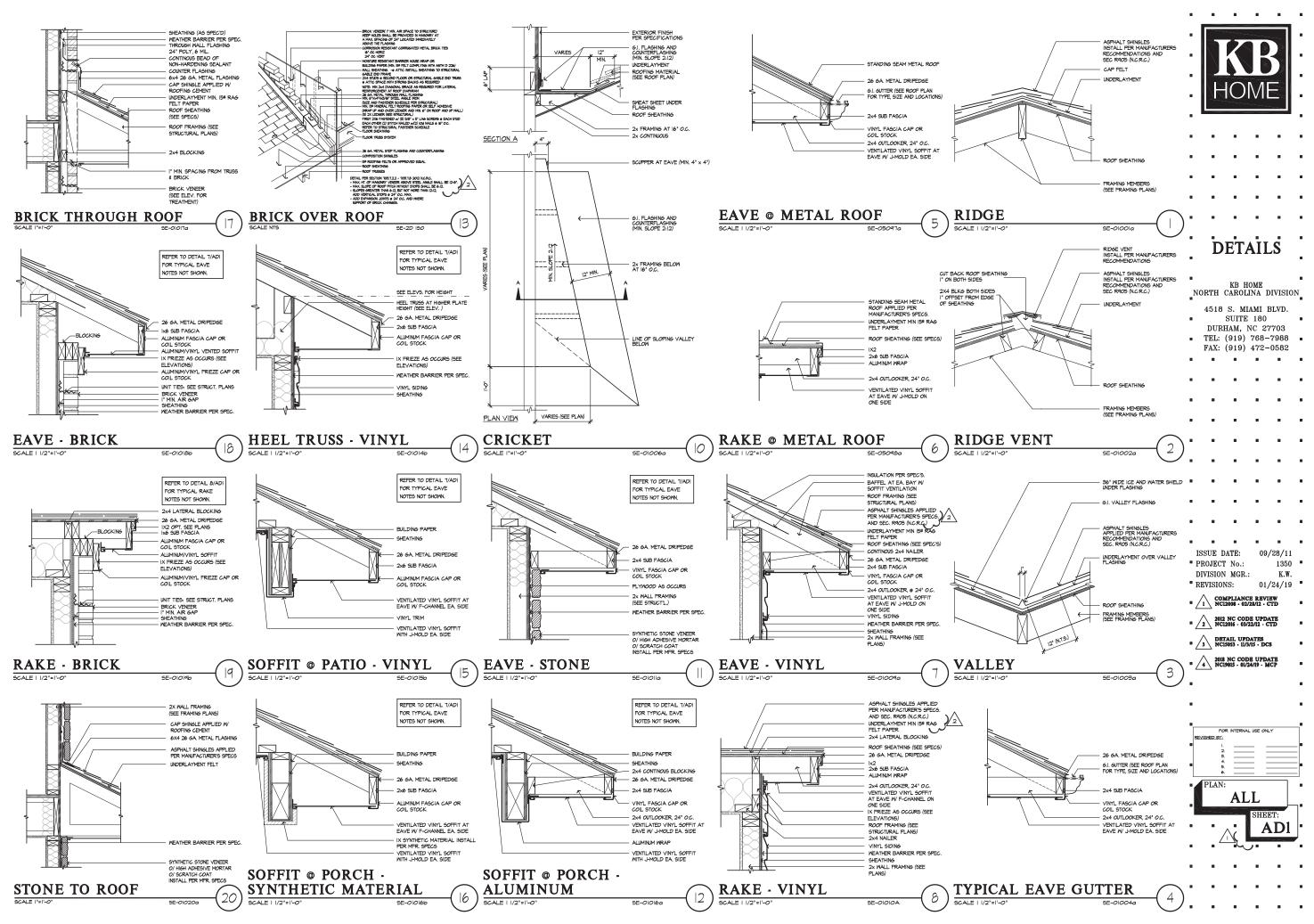


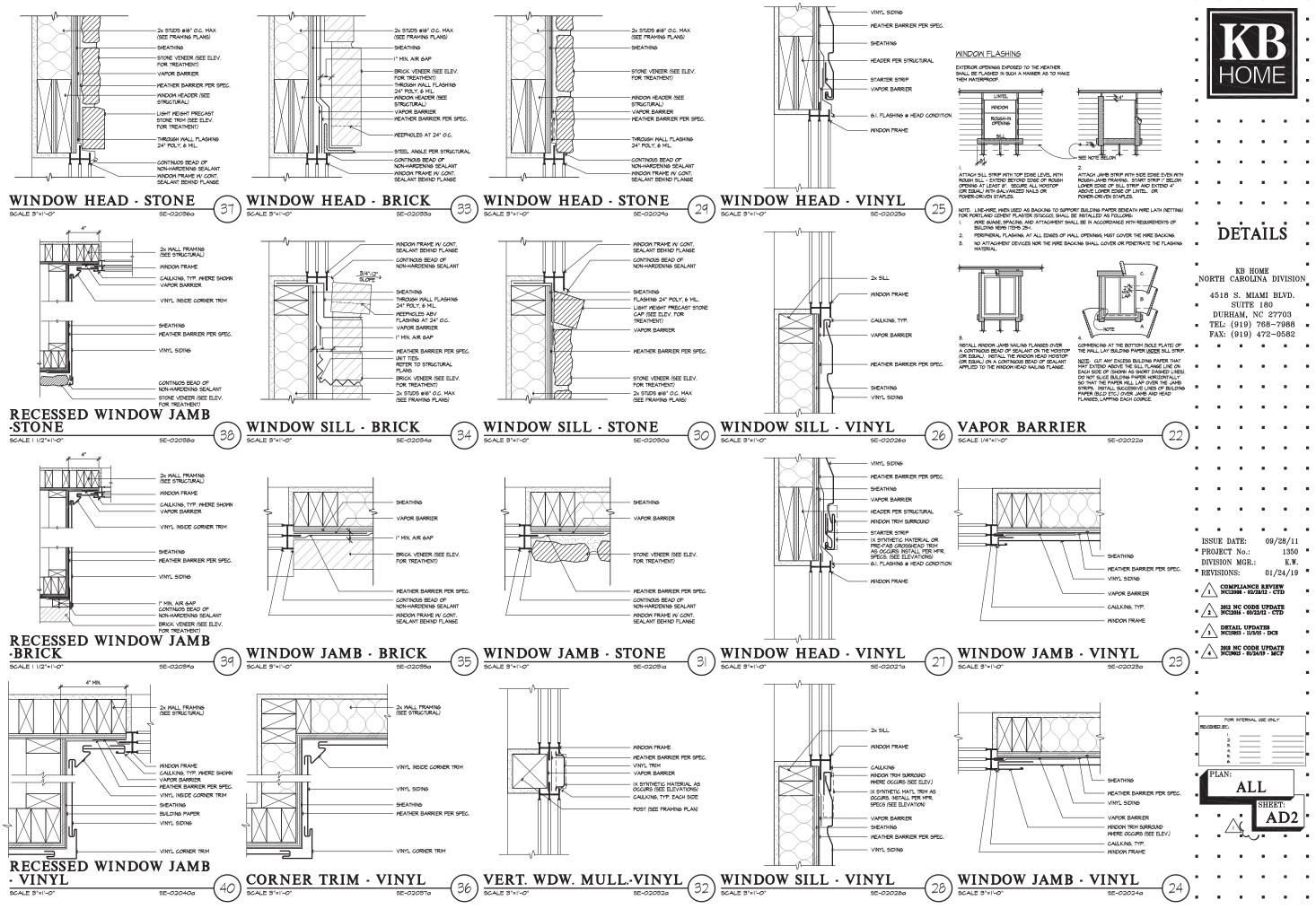
SCALE I/8"=I'-0" (22"X34") - I/I6"=I'-0" (II"XI7")

IO'X2O' SCREENED-IN EXTENDED COVERED PATIO

	NOTE: NOT A	ELEVATION NOTES	
		2019 N.C.	*
	I. ROOF MA		•
	6. 24"x24"	CHIMNEY	
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b. FREMANEAD REPORT DESCRATUE COLUMN GUE SEE ELEVY PHYCON GEO ARRANGENES STRUCTURAL POSE ELEVY PHYCON GEO ARRANGENES STRUCTURAL POSE SEE DESCRATUM COLUMN DESCRATUE DESCR			
	15. PRE-MAN	UFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
	I9. BRICK/M	ASONRY VENEER PER SPECS	
22       SPRICE       CONCORT       NORTH CAROLINA         23       SPRICE       SPRICE       SPRICE         24       SPRICE       SPRICE       SPRICE         25       SPRICE       SPRICE       SPRICE         26       SPRICE       SPRICE       SPRICE         27       LINEST       WEEKAND       SPRICE         28       SPRICE       SPRICE       SPRICE         29       SPRICE       SPRICE       SPRICE         20       SPRICE       SPRICE       SPRICE         29       SPRICE       SPRICE       SPRICE         20       SPRICE       SPRICE       SPRICE         20       SPRICE       SPRICE       SPRICE         20       SPRICE       SPRICE       SPRICE         20       SPRICE       SPRICE       SPRICE         21       ATRIM MERCH       SPRICE       SPRICE         22       SPRICE       SPRICE       SPRICE         23       SPRICE       SPRICE       SPRICE         24       SPRICE       SPRICE       SPRICE         24       SPRICE       SPRICE       SPRICE         24       SPRICE       SP			
28. FILZE BOARD         29. SUBNOW 44 CONSTRUMENT RUM PER SPECS         29. FIL POST WURAPC - SEE STRUCTURAL FOR SIZE         29. FIL POST WURAPC - SEE STRUCTURAL FOR SIZE         29. FIL POST WURAPC - SEE STRUCTURAL FOR SIZE         20. FILSE SECORATIVE RUM         21. LIGHT REGAT RECAST STORE TRIM         21. LIGHT REGAT RECAST STORE TRIM         22. FILSE SECORATIVE RUM CONTERNAL FOR DO REG. SEE         29. DECORATIVE INNOVACOR TRIM - PTON OR EG. SEE         20. CONCERT STORE FORCH - SEE SLAB INTERFACE PLAN.         24. SECTIONAL SARAGE DOOR FER SPECS         25. AUMINIM MERAP         26. OFTIONAL DOOR RUMCON - REFER TO FLAN OFTIONS         21. OFTIONAL DOOR RUMCON - REFER TO FLAN OFTIONS         24. ATRUM DOOR         24. MARE HEATER LICATION FOR TYPE         24. MARE HEATER LICATION FOR TYPE         24. MARE HEATER LICATION FOR TYPE         25. DAN ALL REFER TO PLAN FOR HEIGHT         26. DAN MALL REFER TO PLAN FOR HEIGHT         26. DAN MALL REFER TO PLAN FOR HEIGHT         27. LINE OF TALL BECOM         28. LINE OF TALL REFER TO PLAN FOR HEIGHT         29. LINE OF TALL REFER TO PLAN FOR HEIGHT         20. DAN MALL REFER TO PLAN FOR HEIGHT			
28. PT: FOOT W/ NARA - SEE STRUCTRAL FOR SIZE 28. PT: FOOT W/ NARA - SEE STRUCTRAL FOR SIZE 28. PT: FOOT W/ NARA - SEE STRUCTRAL FOR SIZE 29. PT: FOOT W/ NARA - SEE STRUCT THE 20. PT: CARCEL PERCENT STOCK TEM 29. PT: CARCEL PERCENT STOCK TEM 29. PT: CARCEL STOCK PORCH - SEE SLAB INTERFACE PLAN. 39. SECTIONAL DOOR TEM - FETER TO PLAN OFTIONS 30. CONCERNS STOCK - PTFENON OR EO. 31. OPTIONAL DOOR MINDON - REFER TO PLAN OPTIONS 30. CONCERNS STOCK - PTFENON OR EO. 32. EINTRY DOOR 33. AUMININ MRAF 34. SECTIONAL STANDING SAM METAL ROOF 34. SECTIONAL STANDING SAM METAL ROOF 35. CONCERNS STOCK - PTFENON OR EO. 35. AUMININ MRAF 36. OPTIONAL DOOR MINDON - REFER TO PLAN OPTIONS 36. CONCERNS SAM METAL ROOF 36. KEYSTONE 37. MATER LEATER OFTICAL PLOT PTFE 37. TATER LEATER OFTICAL PLOT PTFE 37. TORON OFTIC LIPPE TO DETAIL SHEETS 37. TORON OFTIC PLAN FOR HEIGHT 37. TATER LEATER OFTICAL PLOT PTFE 37. TORON SHEET FOR PLAN FOR HEIGHT 35. TORON NORTH FOR PLAN FOR HEIGHT 35.			
20.       PRE-FAB DECORATIVE TRIM         21.       Light Head Decorative stroke trimi         20.       PRE-FAB DECORATIVE STORE TRIM         20.       PRE-FAB DECORATIVE STORE TRIMICAL PORTOR EG. SEE         21.       DECORATIVE NURDOWDOOR TRIM - PYPON OR EG. SEE         22.       DIRACKET OR KICKER - PYPHON OR EG.         23.       DIRACKET OR KICKER - PYPHON OR EG.         24.       DECORATIVE NURDOWDOOR TRIM - PYPON OR EG. SEE         25.       DIRACKET OR KICKER - PYPHON OR EG.         26.       OPTIONAL SANDING SEAM METAL ROOF         26.       OPTIONAL STANDINGON - REFER TO PLAN OPTIONS         27.       TRATEMENT POOR         28.       CONTROL TALL, KEY NOTS APPLY         20.       TRATEMENT POOR         20.       DECORATIVE COLLARIA OF TYPE         20.       PARTIAL PLAN NOTES         20.       DATA LICKEN NOTES         20.       DATA LICKEN NOTE APPLY         20.       DATA LICKEN NOTE APPLY         20.       DATA LICKEN NOTES         20.       DATA LICKEN NOTE APPLY         20.       DATA LICKEN NOTES         20.       DATA LICKEN NOTES         20.       DATA LICKEN NOTES         20.       DATA LICKEN NOTES			
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20. PT. LUMBER RALINGS (36° UNO.) 21. INF. PT. LUMBER RALINGS (36° UNO.) 23. INF. PT. LUMBER RALINGS (36° UNO.) 24. INF. PT. LUMBOWDOOR TEM PTPON OR E0. SEE ELSYATOR KICKER - PTPHON OR E0. 25. INF. POOR 35. CONCRET STOOP PORCH - SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS 35. ALUMINAM PRAP 36. OPTIONAL STADDING SEAM METAL ROOF 36. OPTIONAL DOORWINDOW - RETER TO PLAN OPTIONS 37. OPTIONAL STADDING SEAM METAL ROOF 38. ANRUM DOOR 40. JACK SOLDIER COMPE 41. MATER TABLE 42. ATRUM DOOR 42. JACK SOLDIER COMPE 43. PLANET TABLE 43. ATRUM DOOR 44. PATER TABLE 43. ATRUM DOOR 45. PT. ATRUE HEATER TO PLAN TOR TYPE 45. INF. OFTION OFTIC PTP. 45. INF. OFTION OFTICAL PLANE TOR HEIGHT 37. INF. OFTION OFTIC PTR. 45. INF. OFTION 46. PT. INF. THEORY DECLARION FOR TYPE 47. CONCRETE SLAB, SLOPE LAW FOR HEIGHT 47. INF. OFTION 46. PT. INF. OFTION 46. INF. OFTICAL POOR OFTION STRUE FAILER 47. INF. OFTION 46. INF. OFTICAL ROOF OFTION STRUE STRUE 47. OFTION OFTICAL POOR OFTION STRUE STRUE 47. OFTION OFTICAL POOR OFTION STRUE STRUE 47. OFTICAL ROOF OFTICAL STRUE STRUE 47. OF			
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<ul> <li>BUTENT DOOR</li> <li>BUTENT STOOM PORCH - SEE SLAB INTERFACE FLAN.</li> <li>SOUTIONAL GRAAGE DOOR FER SPECS</li> <li>ALMINM WRAP</li> <li>CONTIONAL DOOR/WINDOW - REFER TO FLAN OPTIONS</li> <li>TOTIONAL DOOR/WINDOW - REFER TO FLAN OPTIONS</li> <li>OTTIONAL STANDING SEAM METAL ROOF</li> <li>RESTORE</li> <li>SOLDIER COORN</li> <li>JOLIES CROWN</li> <li>JOLIES CROWN</li></ul>	ELEVATIO	ON FOR SIZE.	
<ul> <li>93. CONCRETE STOOM PORCH - SEE SLAB INTERPACE PLAN.</li> <li>94. SECTIONAL GARAGE DOOR PER SPECS</li> <li>95. OPTIONAL JOOR AND SCAMPER TO PLAN OPTIONS</li> <li>95. OPTIONAL STANDIOM - REFER TO PLAN OPTIONS</li> <li>95. OPTIONAL STANDIOM - REFER TO PLAN OPTIONS</li> <li>96. OPTIONAL STANDIOM - REFER TO PLAN OPTIONS</li> <li>97. OPTIONAL STANDIOM SEAM METAL ROOT</li> <li>98. REYSTONE</li> <li>99. SOLDER CRONN</li> <li>90. JACK SOLDIER CORREE</li> <li>14. MATER TABLE</li> <li>91. PLANTIAL PLAN NOTES</li> <li>92. PLANTING CORTON PROVIDE AR</li> <li>93. PLANTING POST PERFORMENCE LOCATION PROVIDE PAN 4</li> <li>94. PLANTING LOCATION FOR TYPE</li> <li>14. PLANTING LOCATION FOR TYPE</li> <li>15. DOT WALL - REFER TO PLAN FOR HEIGHT</li> <li>15. DOT WALL - REFER TO PLAN FOR HEIGHT</li> <li>15. DOT WALL - REFER TO PLAN FOR HEIGHT</li> <li>15. DOT WALL - REFER TO PLAN FOR HEIGHT</li> <li>16. DOT FLOOR PERFORMENCE</li> <li>17. CONCRETE FILLED PIPE BOLLARD DO'HING TO EXTEND 6'</li> <li>18. INTERICR STEP PLAN</li> <li>19. INTERICR STEP PLAN SEE LEVATION FOR TYPE</li> <li>11. CONCRETE FILLED PIPE BOLLARD DO'HING TO EXTEND 6'</li> <li>12. INCHES DEFINITY</li> <li>13. INTERICR STEP REFER TO PLAN FOR HEIGHT</li> <li>14. THE OF PLAN RAPE.</li> <li>15. CONCRETE FILLED PIPE BOLLARD DO'HING TO EXTEND 6'</li> <li>16. STEPHILT COLLING AN ERE REFER TO ELEVATION FOR TYPE</li> <li>11. CONCRETE FILLED PIPE BOLLARD DO'HING TO EXTEND 6'</li> <li>12. INCHES INTEGRA THE RAPE AND FOR HEIGHT</li> <li>13. INTERICR SLAB SLOOR FILL FOR THE REFER TO ELEVATION FOR TYPE</li> <li>14. CONCRETE FILLED PIPE BOLLARD DO'HING TO EXTEND 6'</li> <li>15. ROOF PLAN NOTES</li> <li>16. DORE PLAN. NOTES</li> <li>17. CONCRETE FILLED PIPE BOLLARD DO'HING TO EXTEND 6'</li> <li>18. INDON BENTION SHIFLE</li> <li>19. INDON BENTION SHIFLE</li> <li>10. INDON' THE REAL DOOR PER STOORS</li> <li>10. INDON' THE SLAD DOOR FILL STONE FOR ANALL FOR THE SLAD DO THE CONCRETE FILLID PIPE BOLLARD DO'HING TO CONCRETE FILLID PIPE SCLAPPE AND AT RAKE, UNIO.</li> <li>10. INTER</li></ul>			NORTH CAROLINA DIVISION
94. SECTIONAL GARAGE DOOR PER SPECS 95. ALUMINA WARP 95. AUTIONAL STANDING SEAM METAL ROOF 96. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS 97. OPTIONAL STANDING SEAM METAL ROOF 98. SOLDIER COONN 99. SOLDIER COORNE 94. INATER TABLE 94. LATER TABLE 94. ANTER TABLE 12. ANTER MOOR 13. PLASTER - SEE ELEVATION FOR TYPE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			4518 S MIAMI BLVD
28. ALMINEM MRAP         28. OPTIONAL DOORNINDOM - REFER TO PLAN OPTIONS         37. OPTIONAL STANDING SEAM METAL ROOF         38. ORDER COUNSE         49. ILACTORE         49. SOLDER COUNSE         40. JACK SOLDER COURSE         41. MATER TABLE         42. ATRIM DOOR         43. PLASTER - SEE ELEVATION FOR TYPE         14. MATER TO ELEVATION FOR TYPE         15. DOT ALL MEY MOTES APPL.V.         26. OPTIONAL STANDARD REPORT OF DETAILS         27. PLATTER TO DETAILS         28. MARKING METER - SEE ELEVATION FOR TYPE         14. MATER TO DETAILS         29. MARKING METER - SEE ELEVATION FOR TYPE         20. STORM VIEW MOTES APPL.V.         20. STORM VIEW MOTE APPL.N.         20. STORM VIEW MOTE APPL.N.         20. STORM VIEW PLAND TO PLANE APPL.N.         20. STORM VIEW PLAND AND TO PLAN FOR HEIGHT         20. STORM VIEW PLAND AND CONCENTER         20. STORM VIEW NUM RAPP.         20. STORM VIEW NUM RAPP.         20. STORM VIEW NUM RAPP.         20. STORM VIEW PLAND AND CONCENTER         20. STORM VIEW PLAND AND CONCENTER         20. STORM VIEW PLAND AND CONCENTER			
B0. OPTIONAL DODRAWINDOW - REFER TO PLAN OPTIONS         B1. OPTIONAL STANDINGS SCAM METAL ROOF         B1. SCIENCE GROWN         40. JACK SOLDIER CORSEE         41. WATER TABLE         42. ARLIM DOOR         43. PLASTER - SEE ELEVATION FOR TYPE         14. WATER TABLE         12. WATER HATTER LOCATION - FOR 6AS - LOCATE ON 19* HIGH         13. WATER HATTER LOCATION - FOR 6AS - LOCATE ON 19* HIGH         14. WATER HATTER SCIENCE APPLY.         21. WATER HATTER LOCATION - FOR 6AS - LOCATE ON 19* HIGH         14. WATER HATTER SCIENCE AND TO READ FOR HEIGHT         15. MATCH CONTRELOGN ADDORN TO PER SPECE         16. OPT LOAN ADDORN HIDON         17. WATER GROUP ADDORN TO PER SPECE         18. MINE SHILL PERFER TO PLAN FOR HEIGHT         19. COORD HIDONON         10. OPT CONTAIL SARAGE DOUT OF THE ENDLAND BS* HIGH WITH         10. TREEMED AT ELECTRIC WATER HEATERS OR FOR         11. TREEMED AT ELECTRIC WATER HEATERS OR FOR         12. (INCRES) INFOON         13. NOTICELE APPLY         14. (INCRE SUPPORT OF COMPARIANCE AT ENDLE NOR         15. (INCRES) INFOON         16. OPT LAND NOTES         17. (INCRES INDOON         18. OPT LOTAL SARAGE DOUT OF THE ENDLES NORMAL         19. (INCREMED AT ELECTRIC MATER HEATERS OR FOR         19. (INCREMED AT			DURHAM, NC 27703
D: 01 TOTOLING SECTION 100000       Section 100000       Section 100000       Section 100000         BI, BOLDIER GROWN       40. Jack SolDier GROWN       30. Jack SolDier GROWN       30. Jack SolDier GROWN         40. Jack SolDier GROWN       43. PILASTER - SEE ELEVATION FOR TYPE       2018       NORTH NOT ALL KEY NOTES GAPLY.         12. ANTER HEATER LOCATION PROVIDED - RR       2018       NORTH HEATER DI VENT TO OUTSIDE AIR       2018       NORTH HEATER DI VENT TO OUTSIDE AIR         20. MATER HEATER DI VENT TO OUTSIDE AIR       MATER HEATER DI VENT TO OUTSIDE AIR       2018       NORTH HEATER DI VENT TO OUTSIDE AIR         20. MATER HEATER DI VENT TO OUTSIDE AIR       MATER HEATER DI VENT TO OUTSIDE AIR       BUILLDING         21. LINE OF FLOOR ABOOM       GROWER HERET TO DETAIL SHEETS:       CODES         21. COLOR TO FLOOR ABOOM       GROWER HERET TO DELAN FOR HEIGHT       SHEET TO PLAN FOR HEIGHT         22. STUD VALL - KEETE TO DELAN FOR HEIGHT       SHEETE TO PLAN FOR HEIGHT       SHEETE TO DELAN FOR THE VENT BOLL AND THE VENT COLORMAL TREE DOOR FER STREED SHEET TO TO ELEVATIONS         23. MORETH COLORATION OF THE VENT COLORMA STREEM TO ELEVATIONS       SHEETER TO NUT COLORATE RECORD SLOPE       PROJECT TO NUT COLORATER TO DELAND FOR THE VENT SOLALL PROVERTION SCITTON SHINGLE         23. MORETH COLORATIC VENT CALCULATIONS       MOLDIABINGT MALL SEVENT NOT THE VENT COLORATER PROVIDED FY VENT HINT THE RELAXES DEALING AROUND HOUSE LECENT ABOUT SEGULAL PROVERTION FOR THE VENT CO			■ TEL: (919) 768-7988
94. SOLDIER GROWN 40. JACK SOLDIER COURSE 41. MATER TABLE 42. ATRUM DOOR 43. PILASTER - SEE ELEVATION FOR TYPE 41. INC ATLE & SEE ELEVATION FOR TYPE 42. LINE OF PLATENCE LOCATION FOR TYPE 43. PILASTER - SEE ELEVATION FOR CYPE 44. LINE SHITCOT VALUE AND TEMPER - LOCATE ON 19 HIGH 45. MAIN. (REFER TO PLAN BOR PAC) 44. LINE SHITCOT VALUE AND TEMPER - LOCATE ON 19 HIGH 45. MAIN. (REFER TO PLAN FOR HEIGHT 45. LINE SHITCOT VALUE AND TEMPER - REFER TO DETAIL SHEETS) 45. LINE SHITCOT VALUE AND FOR HEIGHT 45. LINE SHITCOT VALUE AN FOR HEIGHT 45. LINE SHITCOT TO PLAN FOR HEIGHT 46. STEPHEN FOR SHITCOT OF THE COLLIMAN (SIZE, SEE ELEV.) 47. FOR OFFICE ON THICK OFFICE AND TEMPER OF FOR 46. STEPHEN FOR SHITCOT OF THE SOL AND BOR HEIGHT 47. LINE SHITCOT OF THE OUT OF OFFICE 48. DIAM. CONCRETE FILLED PIPE BOLLARD BS' HIGH MITH 48. SINTERCR SHELF - REFER TO PLAN FOR HEIGHT 59. DIAM. CONCRETE FILLED PIPE BOLLARD BS' HIGH MITH 48. SINTERCR SHELF - REFER TO DELAY AND STRUCTRAL POST. 50. STEPS INDON 50. STEPS INDON 51. DEPOSID AT ELECTRIC ON FOR THE SOL AND BS' HIGH MITH 48. SINTERCR SHELF - REFER TO DELAY AND STRUCTRAL POST. 51. STEPS INDON 52. STEPS INDON 53. DIAM. CONCRETE FILLED DIFFE BOLLARD BS' HIGH MITH 49. SINTERCR SHELF - REFER TO FLAN FOR THE 54. STEPS INDON 55. STEPS INDON 55. STEPS INDON 56. STEPS INDON 57. STEPS INDON 57. STEPS INTOOL REGULT AND OF SLOPE 57. CONCRETE SUBJECT 57. CONCRETE SUBJECT 57. CONCRETE SUBJECT OF OVERHANG AT RAKE, UNO. 52. (INCHES) TYPICAL ROOF OVERHANG AT RAKE, UNO. 53. SOLDEN THEOR OF OVER THAN REALES. 54. DIV			FAX: (919) 472–0582
<ul> <li>41. PATER TABLE</li> <li>42. ATRIM DOOR</li> <li>43. PILASTER - SEE ELEVATION FOR TYPE</li> <li>43. PILASTER - SEE ELEVATION FOR TYPE</li> <li>44. PLASTER - SEE ELEVATION FOR TYPE</li> <li>47. PARTE HEATER LOCATION - FOR ORGAN - RECOVER PAIL ON ISONAL STATEMENT OF DETAILS OUTSIDE AR</li> <li>48. MAIL, INE SHYLOFT VALVE AND TEMP. 4 PRESSURE RELIEF</li> <li>49. MAILE CHARTER LOCATION - TO PLAN BO TEMP. 4 PRESSURE RELIEF</li> <li>41. INE OF FLOOR ABOVE</li> <li>42. LINE OF FLOOR ABOVE</li> <li>43. LINE SHYLOFT VALVE AND TEMP. 4 PRESSURE RELIEF</li> <li>44. LINE OF FLOOR ABOVE</li> <li>44. LINE OF FLOOR ABOVE</li> <li>45. DORG HINDON</li> <li>55. LOOK WALL - REFER TO PLAN FOR HEIGHT</li> <li>56. BY DIAM CONCETE TERTER TO PLAN FOR HEIGHT</li> <li>57. RACHED SOFTIT</li> <li>60. OFT DORGY INNOON</li> <li>61. PREMANDRACITER PATERS OR FOR ARCHING TO ELEVATIONS</li> <li>63. SECTIONAL GARAGE DOOR TER SPECE</li> <li>63. BY DIAM CONCETE FLIED PTER DULARD 26' HIGH WITH MICH DEDITED ATT HINDONE DULARD 26' HIGH WITH MICH DURARDED ATT HINDONE STRUCTURE ACTERS OR FOR APPLIANED AND HINDONES DUTART HINDONES TO ALL SIDER MICH AND ADD THE STRUCTURE ACTERS OR FOR APPLIANED AND HINDONES DUTART HINDONES TO ALL SIDER MICH AND ADD THE FIELD AND ADD</li></ul>	39. SOLDIER	CROWN	
<ul> <li>42. A TRIUM DOOR</li> <li>43. PILASTER - SEE ELEVATION FOR TYPE</li> <li>44. PILASTER - SEE ELEVATION FOR TYPE</li> <li>45. PILASTER - SEE ELEVATION FOR SAS - LOCATE ON 10° HIGH PATEORY FOR INTERIOR LOCATION - PROVIDE PAR 4</li> <li>46. PARTINE REFERE TO FUNCTION OF PROVIDE PAR 4</li> <li>47. MAIN, INE SHUT-OFF VALVE AND TEMP. 4 PRESSURE RELIEF</li> <li>48. MAIN, INE SHUT-OFF VALVE AND TEMP. 4 PRESSURE RELIEF</li> <li>49. MAIN, INE SHUT-OFF VALVE AND TEMP. 4 PRESSURE RELIEF</li> <li>40. DOLAL - REFER TO PLAN FOR HEIGHT</li> <li>41. DEL 2008 OFFL - REFER TO PLAN FOR HEIGHT</li> <li>42. DEL 2008 OFFL - REFER TO PLAN FOR HEIGHT</li> <li>43. MAIN L - REFER TO PLAN FOR HEIGHT</li> <li>44. COLORED SOFFLT</li> <li>44. DEL 2008 OFFL - REFER TO PLAN FOR HEIGHT</li> <li>45. ROCHEL - REFER TO PLAN FOR HEIGHT</li> <li>46. PT. FOOT NUNDON</li> <li>46. PT. FOOT NUNDON</li> <li>46. PT. FOOT NUNDON</li> <li>47. DOCK CELE SURGEON INTO CONCETTE. INTO CONCENTE. INTO CONCETTE. INTO CONCETT. INTO CONCETT. INTO CONCETT. INTO CONCETT. INTO CONCETT. INTO CONCETT. IN</li></ul>			
Image: Not ALL KEY NOTES APPLY.       2018 INOKTIN         Note: Not ALL KEY NOTES APPLY.       CAROLINA STA         And Reference Interaction Location - PROVIDE PAN &       CAROLINA STA         20. Market Heatter B (VENT 60 UNDE AIR       BUILDING         20. Market Heatter B (VENT 60 UNDE AIR       BUILDING         20. Market Heatter B (VENT 60 UNDE AIR       BUILDING         20. Market Heatter B (VENT 60 UNDE AIR       BUILDING         20. Market Heatter B (VENT 60 UNDE AIR       BUILDING         20. Market Heatter B (VENT 60 UNDE AIR       BUILDING         20. Market B (MERCHARD)       BUILDING         20. BUILDING (MERCHARD)       BUILDING (MERCHARD)			
INDEL NOT ALL KEY NOTES APPLY.         TOTE NOT ALL KEY NOTES APPLY.         TATES HEALTER LOCATION - FOR GAS - LOCATE ON 19' HIGH DRAIN REFERS TO THE ADD TRAYS.         20. MATER HEALTER D' VENT TO OUTSIDE AIR MANNE GETTER D'UNE AND TEMP. 4 PRESSURE RELIEF 30. MATER HEALTER D'UNE AND TEMP. 4 PRESSURE RELIEF 31. LINE OF LOCA BELOW 41. LINE OF LOCA BEOVE 42. LINE OF LOCA BEOVE 42. LINE OF LOCA BEOVE 43. LINE OF LOCA BEOVE 43. LINE OF LOCA BEOVE 44. LINE OF LOCA BEOVE 44. LINE OF LOCA BEOVE 45. LINE OF LOCA BEOVE 45. LINE OF LOCA BEOVE 45. LINE OF LOCA BEOVE 45. LINE OF LOCA BEOVE 46. D'DIL 3AAU FER FLAM 55. DEL 3AAU FER FLAM 56. DEL 3AAU FER FLAM 56. DEL 3AAU FER FLAM 56. DEL 3AAU FER FLAM 56. DEL 3AAU FER FLAM 57. DEL 5AAU FER FLAM 57. DECTIVAL GARAGE DOLOR FER SPECIAL 57. DECTIVAL BAAU FER FLAM 58. DECTIVAL BAAU FER FLAM 59. DECTIVAL DOLOR FLAM NOTES 57. DECTIVAL TO MERAP. 50. DECTIVAL DOLOR FLAM FOR FER SOLE AND FOR THE 50. DECTIVAL BAAU FER FLAM 50. DECTIVAL			2018 NORTH
The LARPORT LEDGE LOCATION - DECOULDE PAR 4 (1047)     DEVAILS (REFER TO DETAILS)     WATER HEATER B' VENT TO CUTSIDE AIR     MAIN NE SHU-CTY VALVE AND TEMP. 4 PRESSURE RELIEF     HALL DELOW     LINE OF WALL BELOW     LINE OF WALL		2019 N.C.	
99. LINE OF HLOOK BEDOWE         41. LINE OF HLOOK BEDOWE         42. LINE OF HLOOK BEDOWE         43. LINE OF HLOOK BEDOWE         44. LINE OF HLOOK BEDOWE         45. MIX BY DIOK SUPPORTAIL (REFER TO DETAIL SHEETS)         51. LOW WALL - REFER TO PLAN FOR HEIGHT         52. 2x6 STD WALL         53. LOW WALL - REFER TO PLAN FOR HEIGHT         54. ROOK BY THE - REFER TO PLAN FOR HEIGHT         55. LOW WALL - REFER TO PLAN FOR HEIGHT         56. STD ORAL         56. STD ORAL         56. STD ORAL         56. STD ORAL         57. FOOR VENDER FLOST PRE BOLS         58. STD MALL BELOTIK WARAP.         59. STDLING COARTER FLOST PRE BOLS         50. STDLING COARTER FLOST PRE BOLS         50. STEPLINT COLLAR OF OUT HEIGHT & WIDTH OF OPENING TO EXTEND 6"         51. STEPLINT COLLING WARAP.         51. STEPLINT COLL ROOF OVERHANG AT EAKE, UNO.         52. INDICATES ROOF SLOPE         51. STEPLINT COLL ROOF OVERHANG AT EAKE, UNO.         52. (INCHES) TYPICAL ROOF OVERHANG	27. WATER H	L KEY NOTES APPLY. EATER LOCATION: - FOR GAS - LOCATE ON 18" HIG	<sub>#</sub>   CAROLINA STATI
99. LINE OF HLOOK BEDOWE         41. LINE OF HLOOK BEDOWE         42. LINE OF HLOOK BEDOWE         43. LINE OF HLOOK BEDOWE         44. LINE OF HLOOK BEDOWE         45. MIX BY DIOK SUPPORTAIL (REFER TO DETAIL SHEETS)         51. LOW WALL - REFER TO PLAN FOR HEIGHT         52. 2x6 STD WALL         53. LOW WALL - REFER TO PLAN FOR HEIGHT         54. ROOK BY THE - REFER TO PLAN FOR HEIGHT         55. LOW WALL - REFER TO PLAN FOR HEIGHT         56. STD ORAL         56. STD ORAL         56. STD ORAL         56. STD ORAL         57. FOOR VENDER FLOST PRE BOLS         58. STD MALL BELOTIK WARAP.         59. STDLING COARTER FLOST PRE BOLS         50. STDLING COARTER FLOST PRE BOLS         50. STEPLINT COLLAR OF OUT HEIGHT & WIDTH OF OPENING TO EXTEND 6"         51. STEPLINT COLLING WARAP.         51. STEPLINT COLL ROOF OVERHANG AT EAKE, UNO.         52. INDICATES ROOF SLOPE         51. STEPLINT COLL ROOF OVERHANG AT EAKE, UNO.         52. (INCHES) TYPICAL ROOF OVERHANG	PLATFOR DRAIN. (F	M - FOR INTERIOR LOCATION - PROVIDE PAN & EFER TO DETAILS)	
99. LINE OF HLOOK BEDOWE         41. LINE OF HLOOK BEDOWE         42. LINE OF HLOOK BEDOWE         43. LINE OF HLOOK BEDOWE         44. LINE OF HLOOK BEDOWE         45. MIX BY DIOK SUPPORTAIL (REFER TO DETAIL SHEETS)         51. LOW WALL - REFER TO PLAN FOR HEIGHT         52. 2x6 STD WALL         53. LOW WALL - REFER TO PLAN FOR HEIGHT         54. ROOK BY THE - REFER TO PLAN FOR HEIGHT         55. LOW WALL - REFER TO PLAN FOR HEIGHT         56. STD ORAL         56. STD ORAL         56. STD ORAL         56. STD ORAL         57. FOOR VENDER FLOST PRE BOLS         58. STD MALL BELOTIK WARAP.         59. STDLING COARTER FLOST PRE BOLS         50. STDLING COARTER FLOST PRE BOLS         50. STEPLINT COLLAR OF OUT HEIGHT & WIDTH OF OPENING TO EXTEND 6"         51. STEPLINT COLLING WARAP.         51. STEPLINT COLL ROOF OVERHANG AT EAKE, UNO.         52. INDICATES ROOF SLOPE         51. STEPLINT COLL ROOF OVERHANG AT EAKE, UNO.         52. (INCHES) TYPICAL ROOF OVERHANG	29. MAIN LIN	SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	BUILDING
B3: N/R BX_TIGS CMAXIMALL (REFER TO PLAN FOR HEIGHT         B1: LOW MALL - REFER TO PLAN FOR HEIGHT         B2: 2x6 STUD VALL         B3: DOW MALL - REFER TO PLAN FOR HEIGHT         B3: DOW MALL - REFER TO PLAN FOR HEIGHT         B3: DOW MALL - REFER TO PLAN FOR HEIGHT         B3: DOW MALL - REFER TO PLAN FOR HEIGHT         B3: DOW MALL - REFER TO ELEVING         B4: DOW MEDGED DECORATIVE COLUMN (GIZE, SEE ELEV.)         FTPON OR EG. SURROUNDING STRUCTURAL POST.         B2: DOW MEDGED DECORATIVE COLUMN (GIZE, SEE ELEV.)         B3: SECTIONAL GARAGE DOOR PER SPECS         B3: SECTIONAL GARAGE DOOR PER SPECS         B3: SECTIONAL GARAGE DOOR PER SPECS         B4: TRAVEL PATH.         B4: TRAVE PATH.         B4: TRAVEL PATH.         B4: TRAVEL PATH.         B4: TRAVE PATH.         B4: TRAVE PATH.         B4: TRAVE PATH.         B4: TRAVE PATH. <td>39. LINE OF</td> <th>NALL BELOW</th> <td></td>	39. LINE OF	NALL BELOW	
Bit Dot AND_ALTER TO FLAN FOR HEIGHT         Bit Dot AND_ALTER TO FLAN FOR HEIGHT         Bit Dot AND_ALTER FLAN FOR HEIGHT         Bit Dot ALTER FLAN FOR HEIGHT         Bit Dot ALTER FLAN FOR HEIGHT         Bit Dot ALTER FLAN FOR HEIGHT         Bit Dorr MINDOW         Bit Dorr	42. LINE OF	LOOR BELOW HGH GILARDRAIL (REFER TO DETAIL SHEETS)	CODES
52: 2x6 STUD FUALL         4: DEL, 2x4 WALL PER PLAN         5: INTERIOR SHELF - REFER TO PLAN FOR HEIGHT         5: INTERIOR SHELF - REFER TO PLAN FOR HEIGHT         5: INTERIOR SHELF - REFER TO PLAN FOR HEIGHT         5: INTERIOR SHELF - REFER TO PLAN FOR HEIGHT         5: INTERIOR SHELF - REFER TO PLAN FOR HEIGHT         6: PROVIDED TO COMPLET STUDY OF MARTER         6: STO DIAM, CONCRETE TO PLE PART THE PLEAD FOR TO PERSING TO EXTEND 6"         6: STO DIAM, CONCRETE A WIDTH OF OPENING TO EXTEND 6"         7: REDED MENT INTO MORARTER         7: REDED MENT INTO MORARTER         7: REDED MENT INTO MORARTER         8: SECTIONAL LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6"         8: SECTION WINDOWS ON ALL SIDES UNO         9: STROLLINDOW         9: STROLLINDOW         9: STROLLINDOW         9: STROLLINDOW         9: STROLLINDOW         9: STROLLINDOW         10: SEELED AND SEELE INC.         11: COOR PLAN NOTES         12: (INCHES) TYPICAL ROOF OVERHANG AT RAKE, UNO.	I SI. LON MAL	L - REFER TO PLAN FOR HEIGHT	
55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT         57. FLAT SOFFIT         50. ARCHED SOFFIT         50. OFT DOOR' (NINDER)         61. PYPON OR EQ. SURROUNDING STRUCTURAL POST.         62. DECK STRUCKURSD DECORATIVE COLLIMN (SIZE, SEE ELEV.)         63. SECTIONAL GARAGE DOOR FER SPECS         63. SECTIONAL GARAGE DOOR FER SPECS         64. STORE VENEER - REFER TO ELEVATIONS         65. SECTIONAL GARAGE DOOR FER SPECS         66. STORM CONCENT INTO CONCRETE.         (NOT REQUIRED AT LECTRIC VATER HEATERS OR FOR ARTICL PATH.)         (NOT POST IV VINTU WRAP.         70. EGRESS NINDOW         17. CONCRETE SLAB. SLOPE HEIGHT & WIDTH OF OPENING TO EXTEND 6"         18. STEDST IV VINTU WRAP.         19. OTOST IV VINTU WRAP.         19. OTOST IV VINTU WRAP.         19. CONCRETE SLAB. SLOPE HAT NOTES         10. STETESHUIT COLLING AND SEE ELEVATION FOR TYPE         11. CONCRETE SLAB. SLOPE HAT NOTES         11. CONCRETE SLAB. SLOPE HAT NOTES         12. (INCHES) TYPICAL ROOF OVERHANG AT RAKE, UNO.	52. 2×6 STUE	WALL	
56. ARCHED SOFFIT         60. OFT. DOORY (NINDOW)         61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)         62. OFT. DOORY (NINDOW)         63. SECTIONAL GARAGE DUOR PRESECS         66. STONE VENEER - REFER TO ELEVATIONS         67. SECTIONAL GARAGE DUOR PRESECS         68. SECTIONAL GARAGE DUOR PRESECS         69. SECTIONAL GARAGE DUOR PRESECS         60. PT. REGURED AT INTO CONCENTEL         61. PT. REGURED AT LECTRIC WATER HEATERS OR FOR         62. PT. REGST INV VINTL WRAP.         63. SECTION WINDOWS ON ALL SIDES UNC.         64. PT. REGST INV VINTL WRAP.         65. SECTION WINDOWS ON ALL SIDES UNC.         76. SETOND WINDOWS ON ALL SIDES UNC.         77. ROOF PLAN NOTES         78. WINDOW LEDGE: MEIGHT & WIDTH OF OPENING TO EXTEND 6'         79. INDICATES ROOF SLOPE         70. INDICATES ROOF OFTICON UND.         78. CORPORTING COLUMN STREEMED AT REVISION SUBJECT WANGAGE AROUND HOUSE EXCEPT ABOVE SHEARMALL PANELS.         79. INDICATES PROVIDED BY CONTING TO THE READ AROUND HOUSE EXCEPT ABOVE SHEARMALL PANELS.         70. INTIC VENTILATION PER PROVIDED BY ENTILATION PER PROVIDED FATER VENTING (ACTION FERVISIONS TO ED ENTERMINED IN THE PIELD.         70. ADVIE EVE	55. INTERIOR	SHELF - REFER TO PLAN FOR HEIGHT	
61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)         7. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)         7. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)         7. DIAL CONSTRUCTIONAL CARAGE DOOR PRESTED.         7. STORE VENEER FILED PRESTED.         8. SECTIONAL GARAGE DOOR PRESTED.         MOD DECEMPTE FILED PRESTED.         MOD REDUCTIONAL GARAGE DOOR PRESTED.         MOD REDUCTIONAL GARAGE DOOR PRESTED.         MOD REDUCTIONAL GARAGE DOOR PRESTED         MOD REDUCTIONAL GARAGE DOOR PRESTED         MOD REDUCTION UNIDOWNS ON ALL SIDES UNCO.         7. BITE-BULT COLUMN - SEE ELEVATION FOR TYPE         11. COMPOSITION SHINGLE         12. (INCHES) TYPICAL ROOF OVERHANG AT RAKE, UNCO.         12. (INCHES) TYPICAL ROOF OVERHANG AT RAKE, UNCO. </td <td>58, ARCHED</td> <th>SOFFIT</th> <td></td>	58, ARCHED	SOFFIT	
63. SECTIONAL GARAGE DOOR PER SPECS 63. ** DIAM. CONCRETE FILLED PIE BOLLARD 36* HIGH WITH WIN, 12' EMERDIVENT INTO CONCRETE. (APPLIANCES) LATH ELECTRE OUT OF THE BOLLARD 36* HIGH WITH TRAVEL PATH). 65. FT. FOST IN VINTL WRAP. 70. EGRESS NINDOW 15. WILFORM LEDGE: HEIGHT # WIDTH OF OPENING TO EXTEND 6* 15. WILFORM LEDGE: HEIGHT # WIDTH OF OPENING TO EXTEND 6* 16. STEPSILT COLLING SIDES UNC. 17. CLEARER SLASS SLOPE I/4* PER FT. MIN. SEE PLAN FOR 17. CLEARER SLASS. SLOPE I/4* PER FT. MIN. SEE PLAN FOR 17. CLEARER SLASS. SLOPE I/4* PER FT. MIN. SEE PLAN FOR 17. CLEARER SLASS. SLOPE I/4* PER FT. MIN. SEE PLAN FOR 17. CLEARER SLASS. SLOPE I/4* PER FT. MIN. SEE PLAN FOR 18. CLEARER SLASS. SLOPE I/4* PER FT. MIN. SEE PLAN FOR 19. CLEARER SLASS. SLOPE I/4* PER FT. MIN. SEE PLAN FOR 10. CLEARER SLASS. SLOPE I/4* PER FT. MIN. SEE PLAN FOR 10. CLEARER SLASS. SLOPE I/4* PER FT. MIN. SEE PLAN FOR 10. CLEARER SLASS. SLOPE I/4* PER FT. MIN. SEE PLAN FOR 10. CLEARER SLASS. SLOPE I/4* PER FT. MIN. SEE PLAN FOR 10. CLEARER SLASS. SLOPE I/4* PER FT. MIN. SEE PLAN FOR 10. CLEARER SLASS. SLOPE I/4* PER FT. MIN. SEE PLAN FOR 10. CLEARER SLASS. SLOPE I/4* PER FT. MIN. SEE PLAN FOR 10. CLEARER SLASS. SLOPE I/4* PER FT. MIN. SEE PLAN FOR 10. CLEARER SLASS. SLOPE I/4* PER FOR VIEW. 10. CLEARER SLASS. SLOPE I/4* PER FOR VIEW. SLASS. 10. CLEARER SLASS. SLOPE I/4* PER FOR VIEW. SLASS. 10. MINING SLASS. 11. CLEARER SLASS. SLOPE SLOPE SLASS. SLOPE I/4* PER FT. MIN. SEE PLAN FOR 12. MILLET OF VENTLATION FER 2000 SLASS. MIN. SCIENTING. CLEARER SLASS. SLOPE SLOP	6 DDE_MAN	LEACTIRED DECORATIVE COLUMN (SIZE SEE ELEV.)	
MIN, 12' EMBEDMENT INTO CONCERTE. NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES INCATED OUT OF THE VEHICLE'S NORMAL 68 PT TYPEST HV'INTN WRAP. 70. EGRESS MINDOW 15. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" 16. SITE-VOLD WINDOWS) ON ALL SIDE UNO. 16. SITE-VOLD WINDOWS) ON ALL SIDE UNO. 16. SITE-VOLD WINDOWS) ON ALL SIDE UNO. 17. CONCRETE SLAB. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 17. CONCRETE SLAB. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 18. CONCRETE SLAB. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 19. CONCRETE SLAB. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 19. CONCRETE SLAB. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 19. CONCRETE SLAB. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 19. CONCRETE SLAB. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 19. CONCRETE SLAB. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 10. CONCRETE SLAB. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 10. CONCRETE SLAB. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 10. CONCRETE SLAB. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 10. MILLETER FOOD SUBJECT I/4' PER FT. MIN. SEE PLAN FOR 10. MILLETER FOOD SUBJECT I/4' PER FT. MIN. SEE PLAN FOR 10. MILLETER FOOD SUBJECT I/4' PER FT. MIN. SEE PLAN FOR 10. MILLETER FOR TION SHINGLE 12' (INCHES) TYPICAL ROOF OVERHANG AT FAKE, UNO. 12' (	62. BRICK /	STORE VENEER - REFER TO ELEVATIONS	
(NOT REGURED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLES NORMAL TRAVEL PATH).       ISSUE DATE: 06/02/ PROJECT No.: 1350999 DIVISION MEDGE: MEIGHT & MIDTH OF OPENING TO EXTEND 6" BEYCOND WINDOWNED OF ALL DIDEE U.D.O. T6. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE T. CONCRETE SLAB. SLOPE (44) SLOPE (44) PER FT. MIN. SEE PLAN FOR GLZE       INDICATES ROOF SLOPE AND DIRECTION UNDO.         ROOF PLAN NOTES       INDICATES ROOF SLOPE AND DIRECTION UNDO.       DIVISION BEVISIONS OKIESSIONS         BOOG MATERIAL. COMPOSITION SHINGLE       INDICATES ROOF SLOPE AND DIRECTION UNDO.       DIVISION REVISIONS OKIESSIONS (6):12         ROOF MATERIAL. COMPOSITION SHINGLE       INDICATES ROOF SLOPE AND DIRECTION UNDO.       INDICATES ROOF SLOPE AND DIRECTION UNDO.         ROOF MATERIAL. COMPOSITION SHINGLE       INDICATES ROOF OVERHANG AT RAKE, UNDO.       INDIGUESTORY 03/35/19 / CTL ONCIDENTICE 03/2010 OF OVERHANG AT RAKE, UNDO.         ICCANTE SAULT VENTS COALLY BALANCED AROUND HOUSE EXCEPT ABOVE CHEARWALL PANELS.       INTIGUESTORY 03/35/19 / CTL ONCIDENTICE 03/2010 OF VENTLATION SEE CACATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3-0° ABOVE EAVE VENT WITH THE BALANCED BEING PROVIDED BY EAVE VENT SLICON VENTING INFORME TO REQUIRED.         AFRAMEWALL LOCATIONS TO BE DETERMINED IN THE FIELD.       INTIGUESTORY 03/39/20 - EL APPROXIMATE RIDGE VENT LOCATIONS SHOWN ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.         AREA & JOPTIONAL LOCAE CONTERD PATIO YENTILATION PROVIDED.       * 266 SQ. IN. 07       III SQ. FT. X (144 = 225533 SQ. IN. YELL OCATION PROVIDED.         YELANY       TETC OF WINLATION PROVIDED.	66. 3" DIAM. MIN 12" F	CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH	
TRAYEL PATH).         68. PT. F205T IV VINTL WRAP.         70: ESKESS MINDON         70: ESKESS MINDON         70: ESKESS MINDON         70: ESKESS MINDON         71: ESKESS MINDON         72: ESKESS MINDON         73: ESKESS MINDON         74: ESKESS MINDON         75: ESKESS MINDON         76: ESKESS MINDON         76: ESKESS MINDON         77: ESKESS MINDON         76: ESKESS MINDON         77: ESKESS MINDON <td>(NOT REC</td> <th>UIRED AT ELECTRIC WATER HEATERS OR FOR</th> <td></td>	(NOT REC	UIRED AT ELECTRIC WATER HEATERS OR FOR	
10: ESRESS NINDOM         11: ESRESS NINDOM         12: ESRESS NINDOM         13: ESRESS NINDOM         14: ESRESS NINDOM         16: CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR         16: CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR         16: CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR         16: CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR         17: CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR         16: CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR         17: CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR         16: CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR         17: CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR         17: CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR         18: CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR         19: CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR         10: CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR         10: CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR         12' (INCHES) TYPICAL ROOF OVERHANG AT RAKE, UNO.	TRAVEL	PATH).	ISSUE DATE: 06/02/15
BEYOND WINDOWS) ON ALL SIDES UNO.         6: SITE POLIT COLUMPORTS         Th. CONCRETE SLAB. SLOPE I/4 PER FIT. MIN. SEE PLAN FOR         ROOF PLAN NOTES         BIDITION (COLUMN - SEE LEVATION FOR TYPE         BIDITION (COLUMN - SEE LEVATION FOR TYPE)         BIDITION (COLUMN - SEE LEVE)         BIDITION (COLUMN - SEE SOOD)	70. EGRESS	NINDOM	
SIZE       ROOF PLAN NOTES         NOOF PLAN NOTES         DIVISION EVISIONS         DIVISION EVISIONS         COOF MATERIAL, COMPOSITION SHINGLE         L2*       DIVISION EVISIONS         L2*       DIVISION EVISIONS         DIVISION EVISIONS         DIVISION EVISIONS         DIVISION EVISIONS         L2*       DIVISION EVISIONS         COOF MATERIAL, COMPOSITION SHINGLE         L2*       DIVISION EVISIONS         L2*       DIVISION EVISIONS         COOF MATERIAL, COMPOSITION SHINGLE         L2*       DIVISION EVISION         COOF MATERIAL, COMPOSITION SHINGLE         L2*       DIVISION EVISION         COOF MATERIAL, COMPOSITION SHINGLE         ACTIC VENT CALCULATIONS         STREE CON CONTROL FOR SOLUCE DEVISIONS         STREE CONTROL PARTICLY VENTLATION FEAVISION         COLSPANE VENT VITH THE BALANCED BEING PROVIDED         ACTIC AREAL SCONTROL PATIC         CONTROL LOCATIONS SHOWN	BEYOND	WINDOW(S) ON ALL SIDES U.N.O.	
ROOF PLAN NOTES         INDICATES ROOF SLOPE AND DIRECTION UND.         Colspan="2">Division Revision Colspan="2">Colspan="2"	TT. CONCRET	E SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR	
INDICATES ROOF SLOPE         BAD DIRECTION UNIO.         BAD DIRECTION UNIO.         COST MATERIAL. COMPOSITION SHINGLE         12* (INCHES) TYPICAL ROOF OVERHANG AT RAKE, UNIO.         12* (INCHES) TYPICAL ROOF OVERHANG AT RAKE, UNIO.         LOCATE EAVE/ RAFTER VENTS BOUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.         PROVIDE 150, IN OF VENTILATION FER 3005 92, IN OF ATTIC SPACE. REAVIDE THAT AT LEAST 50% 4 NO MORE THAN 80% OF THE REQ. VENTILATION RER 3005 92, IN OF ATTIC SPACE. REAVIDED THAT AT LEAST 50% 4 NO MORE THAN 80% OF THE REQ. VENTILATION REAL IS PROVIDED BY VENTILATION & AEAL IS PROVIDED BY VENTILATION STO BE DETERMINED IN THE BALANCE DEING PROVIDED MC20012NCF. 01/39/20 - EL * CALCULATION BY UPSCH (UNIVENTING) (2018 NGR 306.2) * CALLATION BY UPSCH VENT INFO (2018 NGR 306.2) * CALLATION BY UPSCH (UNIVENTING) (2018 NGR 306.2) * CALLATION BY UPSCH (UNIVENTING) (2018 NGR 306.2) * CALLATION BY UPSCH (UNIVENTING IN THE FIELD.         AREA 3 / OPTIONAL LOSS COVERED PATIO YENTILATION REQUIRED: ATTIC AREA * 266 SG. PT. / ISO = 1.TT SG. FT. * (144 = 25533 SG. IN, * VENTILATION PROVIDED)         YENTILATION PROVIDED, (7 ) IN RET OF RIDGE VENT AT (16 SG. IN/POOT) = 126 SG. IN, * UPSCH 90/20 - EL         YENTILATION PROVIDED, (7 ) IN RET OF RIDGE VENT AT (16 SG. IN/POOT) = 126 SG. IN, * UPSCH 90/20 - EL	34	ROOF PLAN NOTES	. , ,
ADD DIRECTION, UND.     A			
ROOF MATERIAL: COMPOSITION SHINGLE         12* (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O.         12* (INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O.         13* CALL CONTROL PARCEL         14* CALL COLLATION BY CHENTLATIONS         15* CALL OF VENTLATION REPOVIDED BY VENTILATION STOPPEN PROVIDED THE HEAD AND THE PIELD.         16* CALL ATCON BY USEN HEAD AND THE PIELD.         16* CALL ATCON BY USEN HEAD AND THE PIELD.         17* CALL LOCATIONS TO BE DETERMINED IN THE FIELD.         18* A J OFTIONAL LOCA CONTRED FATIO         17* TILATION REQUIRED:         17* TILATION REQUIRED: <td></td> <th></th> <td></td>			
12* (INCHES) TYPICAL ROOF OVERHANG AT RAKE, UNO.         12* (INCHES) TYPICAL ROOF OVERHANG AT RAKE, UNO.         12* (INCHES) TYPICAL ROOF OVERHANG AT RAKE, UNO.         LOCATE RAVE RAFTER VENTS GOULLY BALANCED AROUND         HOUSE EXCEPT ABOVE SHEARWALL PANELS.         PROVIDE 150. IN OF VENTULATIONS         SPRACE. PROVIDE THAT AT LEAST 50% to NORE THAN 80% OF         THE REQ. VENTULATION REPORTS 05.0. IN OF ATTIC         SPRACE. VENTULATION RAEA IS PROVIDED BY VENTULATORS         LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)         AT 3-0° ABOVE EAVE VENT WITH THE BALANCE DEINS PROVIDED         * ADOVE EAVE VENT WITHON'S COLON OF THE HEAD.         AREA 3 / OPTIONAL IOSO HORE THAN 80% OF         VENTILATION REQUIRED:         ATTIC AREA S / OPTIONAL IOSO FOR THE BELD.         AREA 3 / OPTIONAL IOSO FOR PATION         YENTLATION REQUIRED:			= 2 2018 CODE UPDATE NCI9015NCP/ 03/15/19 / CTD
12* (INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O.         LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND         HOUSE EXCEPT ABOUTS STRUCTURE PARELS.         ATTIC VENT CALCULATIONS         PROVIDE 1 SQ. IN. OF VENTLATICH PER BOO SQ. IN. OF ATTIC         SPACE PROVIDE THAT AT LEAST SOS & 100 ORDER THAN BOSK OF         THE REQ. VENTLATING AREA IS PROVIDED BY VENTLATORS         LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)         AT 3'-O' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED         BY CALLATION BY VENTURINT THE BALANCE BEING PROVIDED         BY CALLATION BY UNION (ALCAN VENTING)         AT 3'-O' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED         BY CALLATION BY UNION (INCOME THAN BOSK OF         THE REQ. VENTURING AREA IS PROVIDED BY VENTILATORS         LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)         AT 3'-O' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED         BY CALLATION BY UNION (INCOM VENTING NOT REQUIRED.         APPROXIMATE RIDGE VENT LOCATIONS SHOWN.         ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.         AREA 3 / OPTIONAL LOCACOVERED PATIO         VENTILATION REQUIRED.         YENTILATION REQUIRED.         YENTILATION RECOVEDED.         YENTILATION RECOVERED.         YENTILATION RECOVERED.         YENTILATION RECOVERED.         YENTILATION RECOVED			
ATTIC VENT CALCULATIONS         PROVIDE I SQ. IN. OF VENTILATION PER SOO SQ. IN. OF ATTIC         SPACE. PROVIDE THAT AT LEAST SOS & IN OWNER THAN BOG OF         THE REQ. VENTILATION PER SOO SQ. IN. OF ATTIC         SPACE. PROVIDE THAT AT LEAST SOS & IN OWNER THAN BOG OF         THE REQ. VENTILATION PER PORTION OF THE ATTIC, (HIGH VENTILATORS)         LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTILATORS)         AT 3-0' ABOVE EAVE VENT WITH E BALANCE BEING PROVIDED         BY EAVE VENTS (LOW VENTILATION STORE DETAMINE)         ATTICA REA X         APPROXIMATE RIDGE VENT LICATIONS SHOWN.         ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.         APPROXIMATE RIDGE VENT LOCATIONS SHOWN.         ATTICA REA         X 266 SQ. FT. / ISO =         YENTILATION REQUIRED.         ATTICA REA         X 266 SQ. FT. / ISO =         ITTO AREA         X 144 = 25525 SQ. IN.         YENTILATION PROVIDED.         (7 ) IN RET OF RIDGE VENT AT (16 SQ. IN/FOOT) =         IZO SQ. IN         TOTAL VENTILATION PROVIDED.         TOTAL VENTILATION PROVIDED.         TOTAL VENTILATION PROVIDED.	12" (INCHES) "	YPICAL ROOF OVERHANG AT EAVE, U.N.O.	
ATTIC VENT CALCULATIONS         PROVIDE I SQ. IN. OF VENTILATION PER SOO SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST SO'S & INO MORE THAN BO'S OF THE REQ. VENTILATION PER SOO SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST SO'S & INO MORE THAN BO'S OF THE REQ. VENTILATION AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3'-O' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS (LON VENTING) (2019 NGR 2062) * CALCULATION BY UISO, HIGHLON VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LICATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. AREA 3 / OFTIONAL LOGGE COVERED PATIC VENTILATION REQUIRED. ATTICA REA * 266 SQ. FT. / ISO = I.TT SQ. FT. TOTAL VENTILATION PROVIDED. (7) IN THET OF RIDGE VENT AT (16 SQ. IN/FOOT) = I26 SQ. IN. TOTAL VENTILATION PROVIDED. (26) SQ. IN/FOOT) = I26 SQ. IN.         PLAN:	LOCATE EAV	E/ RAFTER VENTS EQUALLY BALANCED AROUND T ABOVE SHEARWALL PANELS.	FRAMEWALK REVISIONS
PROVIDE I SQ. IN. OF VENTILATION FER 300 SQ. IN. OF ATTIC         SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 50% OF         THE REQ. VENTILATION AREA IS PROVIDED BY VENTILATORS         LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)         AT 3-0' ADOVE EAVE VENT WITH E BALANCE DEINS PROVIDED         BY EAVE VENTS (LOW VENTING) (2015 NGR 2062)         AT S-0' ADOVE EAVE VENT WITH DE CALANCE DEINS PROVIDED         BY EAVE VENTS (LOW VENTING) (2015 NGR 2062)         AFPROXIMATE RIDGE VENT WITH DE CALANCE DEINS PROVIDED         AREA 3. / OFTIONAL LOCATIONS STOWN.         ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.         AREA 3. / OFTIONAL LOCAC OVERED PATIO         VENTILATION REQUIRED.         XI44 = 255:35 SQ. IN.         YENTILATION PROVIDED.         (7) I.IN FEET OF RIDGE VENT AT (16 SQ. IN/FOOT) =         I26 SQ. IN.         TOTAL VENTILATION PROVIDED.         YENTILATION PROVIDED.         TOTAL VENTILATION PROVIDED.         TOTAL VENTILATION PROVIDED.         TOTAL VENTILATION PROVIDED.         TOTAL VENTILATION PROVIDED.	L		- * <u>4</u> NC19033NCP- 05/07/19 - CTD
SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTLATING AREA IS PROVIDED BY VENTLATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3-0° AROVE EAVE VENT WITH THE BALANCE BEINS PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NGR 806.2)         AT 3-0° AROVE EAVE VENT WITH THE BALANCE BEINS PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NGR 806.2)         ACTULATION BY UISD, HIGHLIGH NET REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTULA LOCATIONS TO BE DETERMINED IN THE FIELD.         AREA 3 / OPTIONAL LOCAC OVERED PATIO VENTLATION REQUIRED. ATTIC AREA       * 266 50. FT. / 150 = 1.TT 50. FT. X 144 = 255.35 50. IN.         VENTLATION PROVIDED, (7 ) LIN FET OF RIDGE VENT AT (16 50. IN/POOT) = I26 50. IN.       I26 50. IN.         TOTAL VENTILATION PROVIDED, TOTAL VENTILATION PROVIDED,       I256 50. IN.	PROVIDE   SO	R. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC	
LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3-0° RAVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 N.CR 206.2) * CALCULATION BY 1/850, HIGHLOW VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. AREA 3 / OPTIONAL LOCA'S OVERED PATIO VENTILATION REQUIRED. ATTIC AREA VENTILATION PROVIDED, (7 ) LIN FET OF RIDGE VENT AT (16 SQ. IN/FOOT) = 126 SQ. IN, VENTILATION PROVIDED, TOTAL VENTILATION PROVIDED, DIVISION REVISIONS DIVISION REVISIONS (7 ) LIN FET OF RIDGE VENT AT (16 SQ. IN/FOOT) = 126 SQ. IN, DIVISION REVISIONS DIVISION REVISIONS (7 ) LIN FET OF VENTIATION SHOWD DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISIONS (7 ) LIN FET OF RIDGE VENT AT (16 SQ. IN/FOOT) = 126 SQ. IN, DIVISION REVISIONS DIVISION REVISIONS DIVISIONS D	THE REQ. VEN	ITILATING AREA IS PROVIDED BY VENTILATORS	₩ 5 NC20012NCP- 01/29/20 · KBA
BY EAVE VENTS, (LOW VENTING) (2016 N.CR 606.2) * CALCULATION BY 1/150, HIGHLIGN VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. AREA 3 / OPTIONAL LOX26 COVERED PATIO VENTILATION REQUIRED: ATTIC AREA VENTILATION PROVIDED, (7 7) LIN FET OF RIDGE VENT AT (16 SQ. IN/FOOT) = 126 SQ. IN. TOTAL VENTILATION PROVIDED, TOTAL VENTILATION PROVIDED, DETERMINED SOFTI (3 SQ. IN/FOOT) = 126 SQ. IN. PLAN: PLAN:	LOCATED IN	THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)	DIVISION REVISIONS
APPROXIMATE RIDGE VENT LOCATIONS SHOWN.           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.           AREA 3 / OPTIONAL IOX26 COVERED PATIO           VENTILATION REQUIRED:           ATTIC AREA           X 144           255:35           SG. IN.           VENTILATION PROVIDED,           (20) <td>BY EAVE VE</td> <th>ITS, (LOW VENTING) (2018 N.CR 806.2)</th> <td></td>	BY EAVE VE	ITS, (LOW VENTING) (2018 N.CR 806.2)	
AREA 3 / OPTIONAL 10x26 COVERED PATIO           VENTILATION REQUIRED:         X 164         X 144         25535         SO. IT.           ATTIC AREA         X 144         25535         SO. IN.           VENTILATION PROVIDED;         X 144         25535         SO. IN.           (7 7) LIN FET OF RIDGE VENT AT (16 SQ. IN/FOOT)         I26 SQ. IN.         I20 SQ. IN.           (20) LIN FET OF RIDGE VENT AT (16 SQ. IN/FOOT)         I20 SQ. IN.         I20 SQ. IN.           TOTAL VENTILATION PROVIDED;         256 SQ. IN.         PLAN:	APPROX	MATE RIDGE VENT LOCATIONS SHOWN.	⊣.
VENTILATION REQUIRED:         # 266         SQ. FT. / 150         =         I.TT         SQ. FT.           ATTIC AREA         X 144         255.35         SQ. IN.           VENTILATION PROVIDED:         X 144         255.35         SQ. IN.           (7 ) LIN FRET OF RUDGE VENT AT (16 SQ. IN/FOOT) =         126         SQ. IN.           (26) LIN FRET OF VENTILATED SOFFIT (5 SQ. IN/FOOT) =         130         SQ. IN.           TOTAL VENTILATION PROVIDED;         256         SQ. IN.			-1
X 144 = 255.35         5.0.           VENTILATION PROVIDED,         (16.5.0.           (7.7)         I.N. FEET OF RIDGE VENT AT (16.5.0.           (26.)         I.N. FEET OF VENTILATED SOFFIT (5.5.0.           TOTAL VENTILATION PROVIDED;         130.5.0.           TOTAL VENTILATION PROVIDED;         256.5.0.	VENTILATION	REGUIRED:	-   .
(1) LIN, FEET OF RIDGE VENT AT (18 SQ. IN/FOOT) = 126 SQ. IN. (26) LIN, FEET OF VENTILATED SOFFIT (5 SQ. IN/FOOT) = 130 SQ. IN. TOTAL VENTILATION PROVIDED; 256 SQ. IN.	1	X 144 = 255.35 SQ. IN	
(26) LIN FEET OF VENTILATED SOFFIT (5 52. IN/FOOT) = 130 52. IN. TOTAL VENTILATION PROVIDED; 256 53. IN.	(7) LIN. FEET	OF RIDGE VENT AT (18 SQ. IN./FOOT) = 126 SQ. IN	
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M 240 2596.R	TOTAL VENTIL	AILON PROVIDED: 256 5Q. IN	- I LIAIN.
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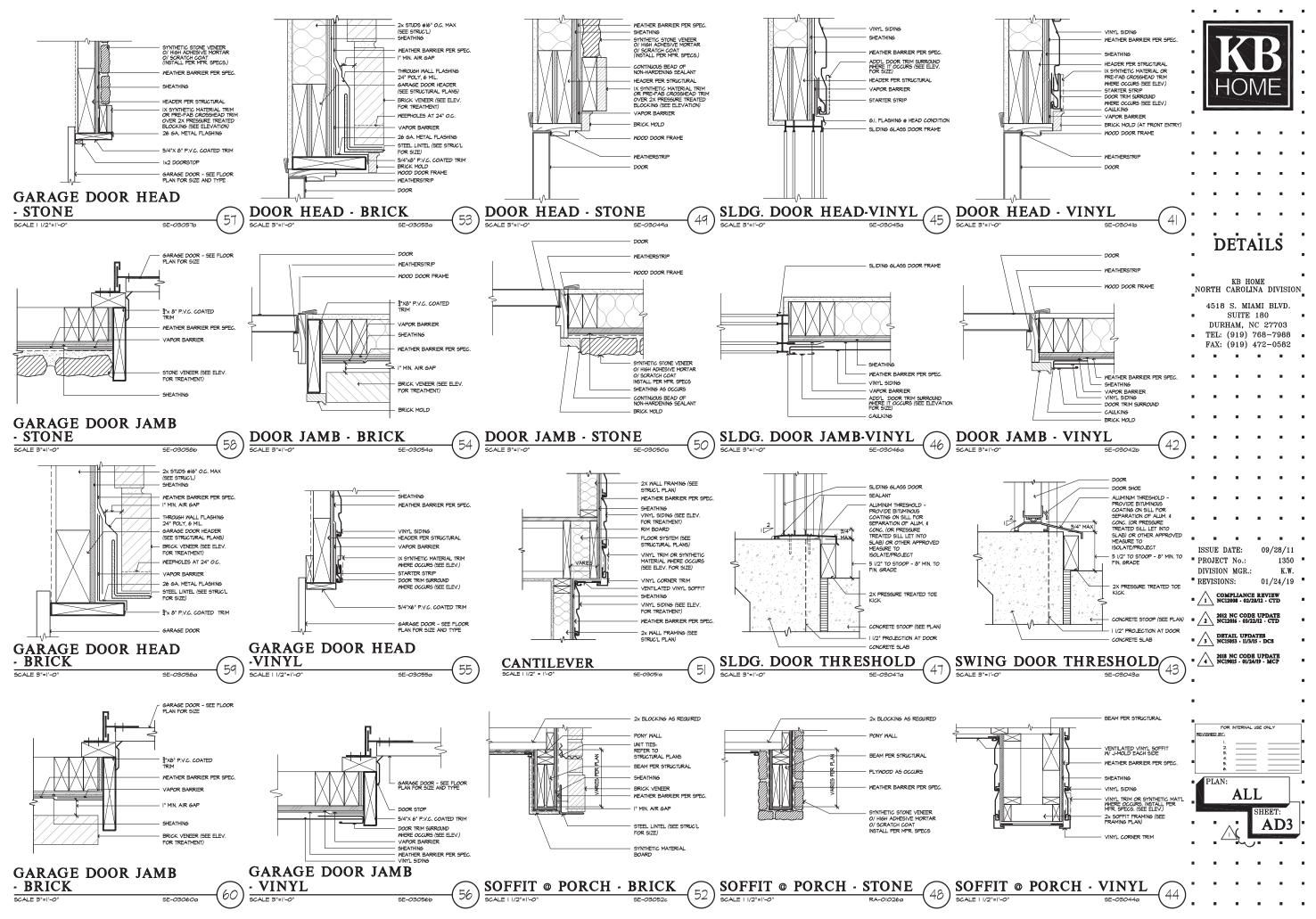


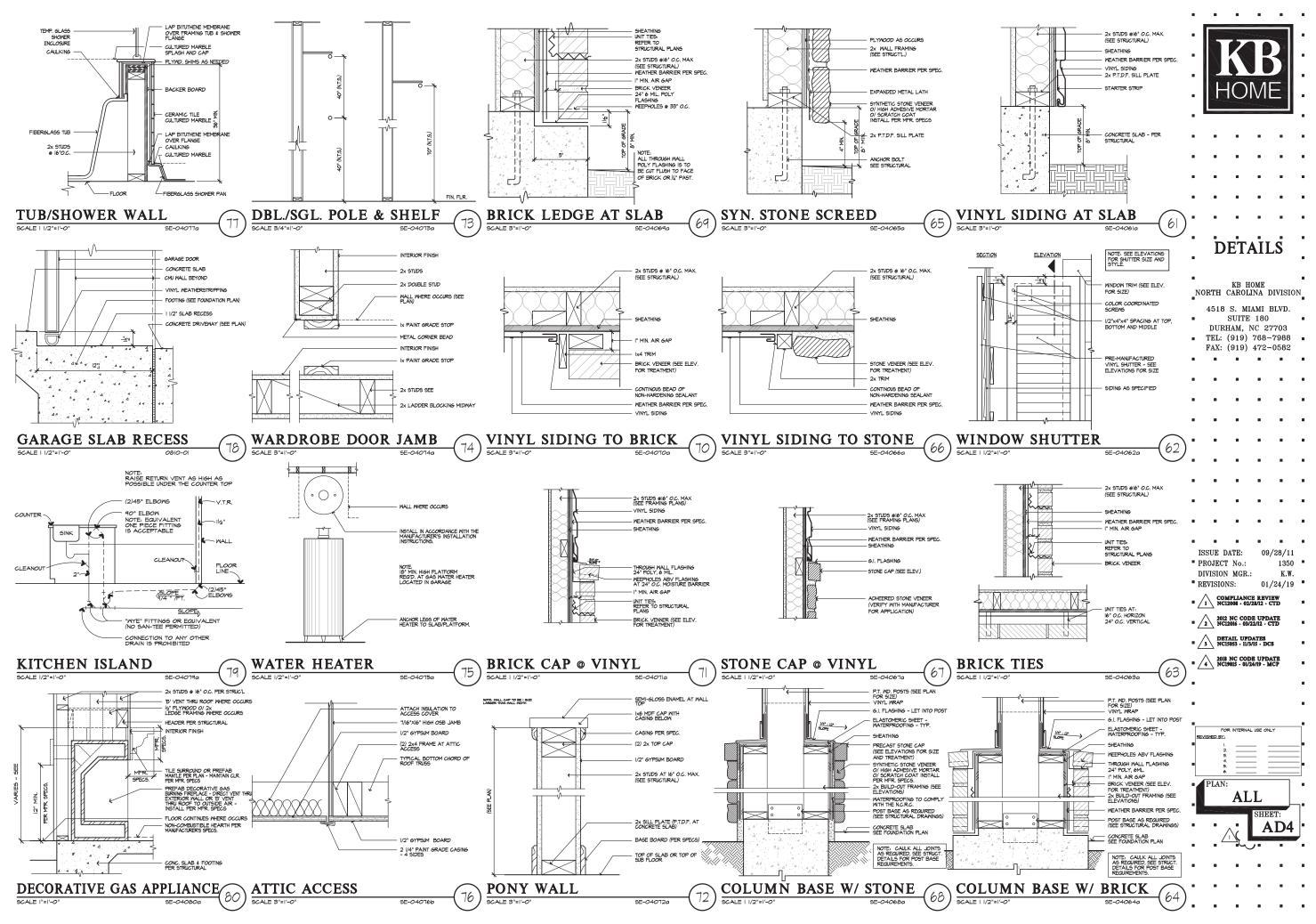


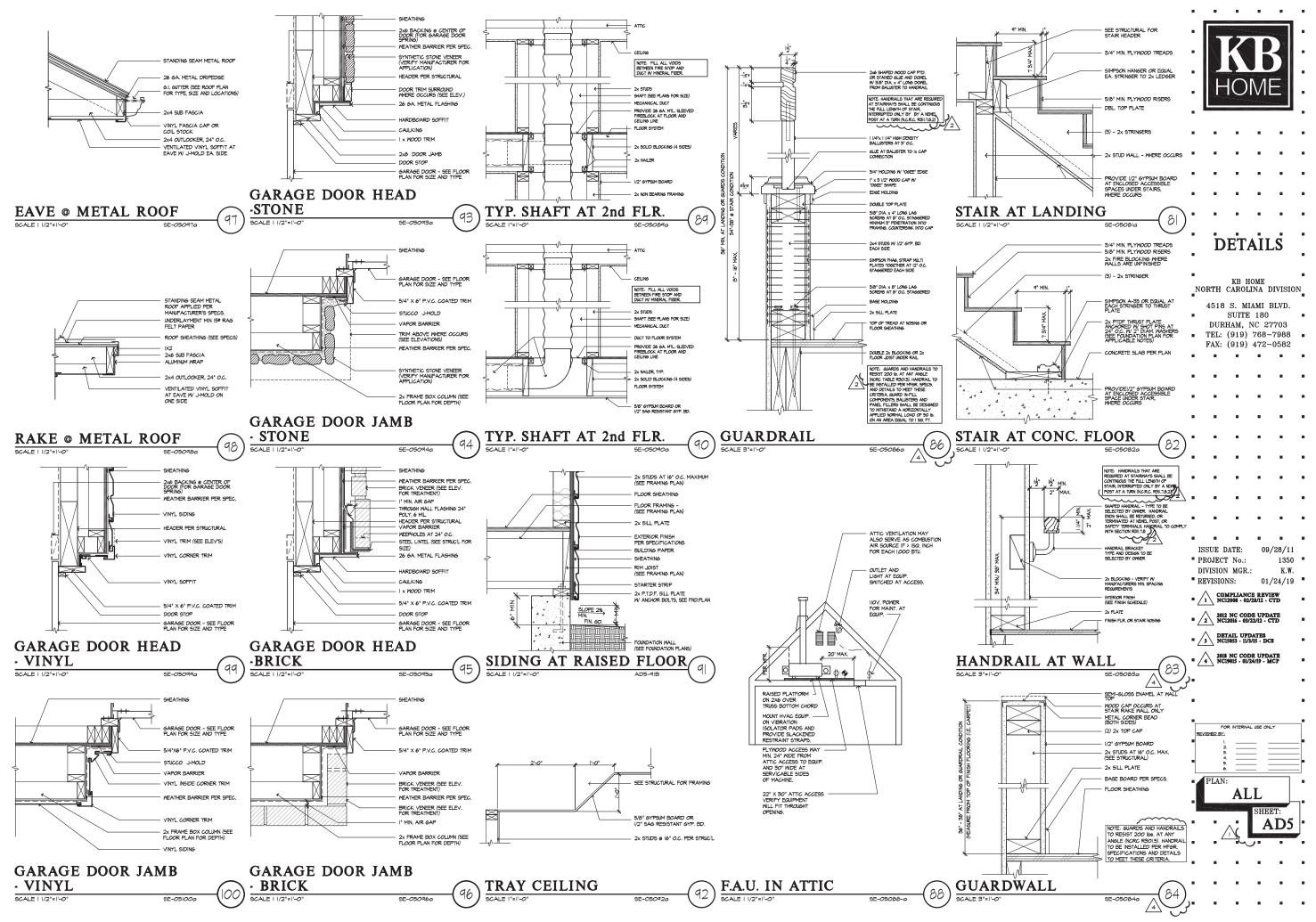


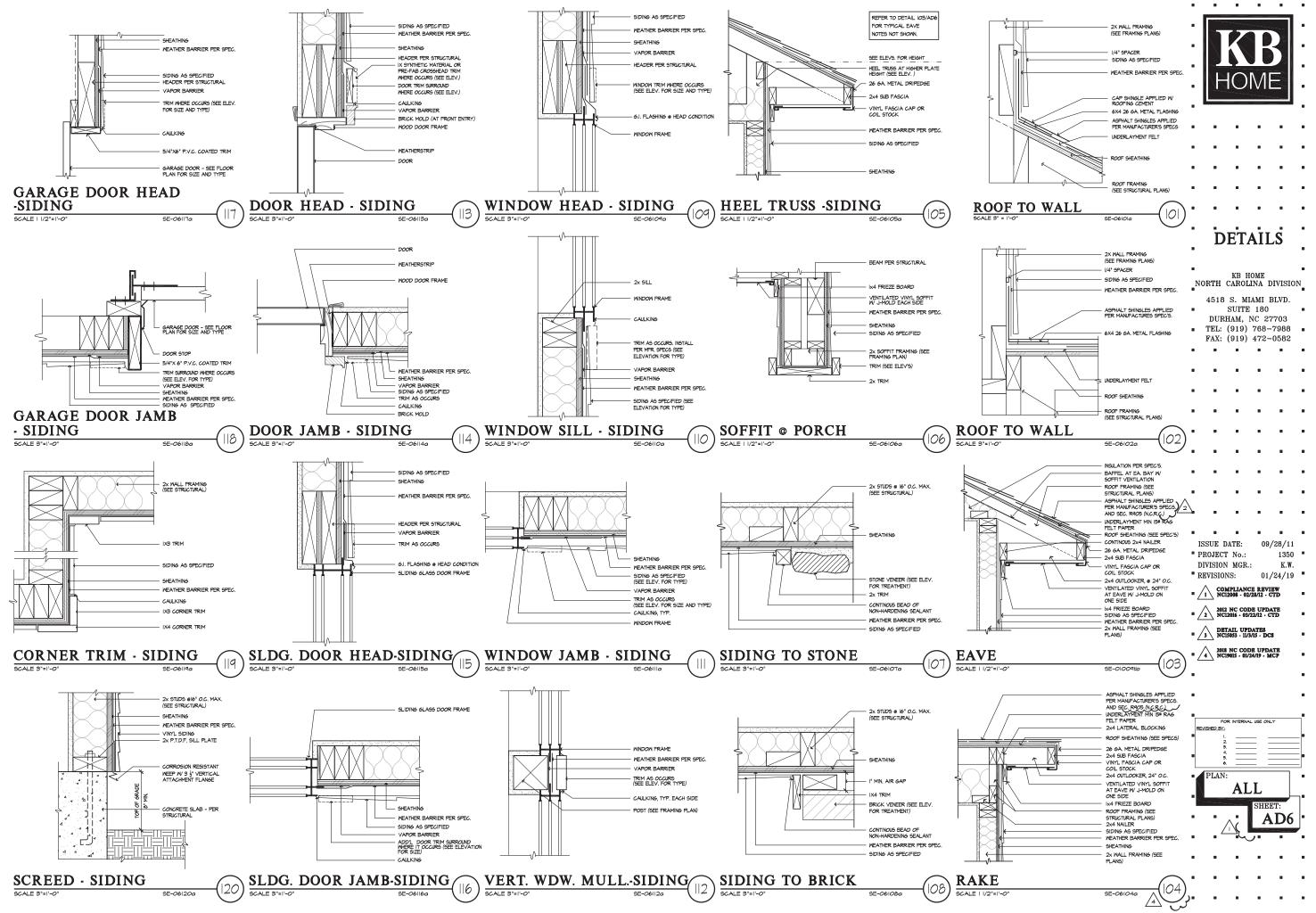


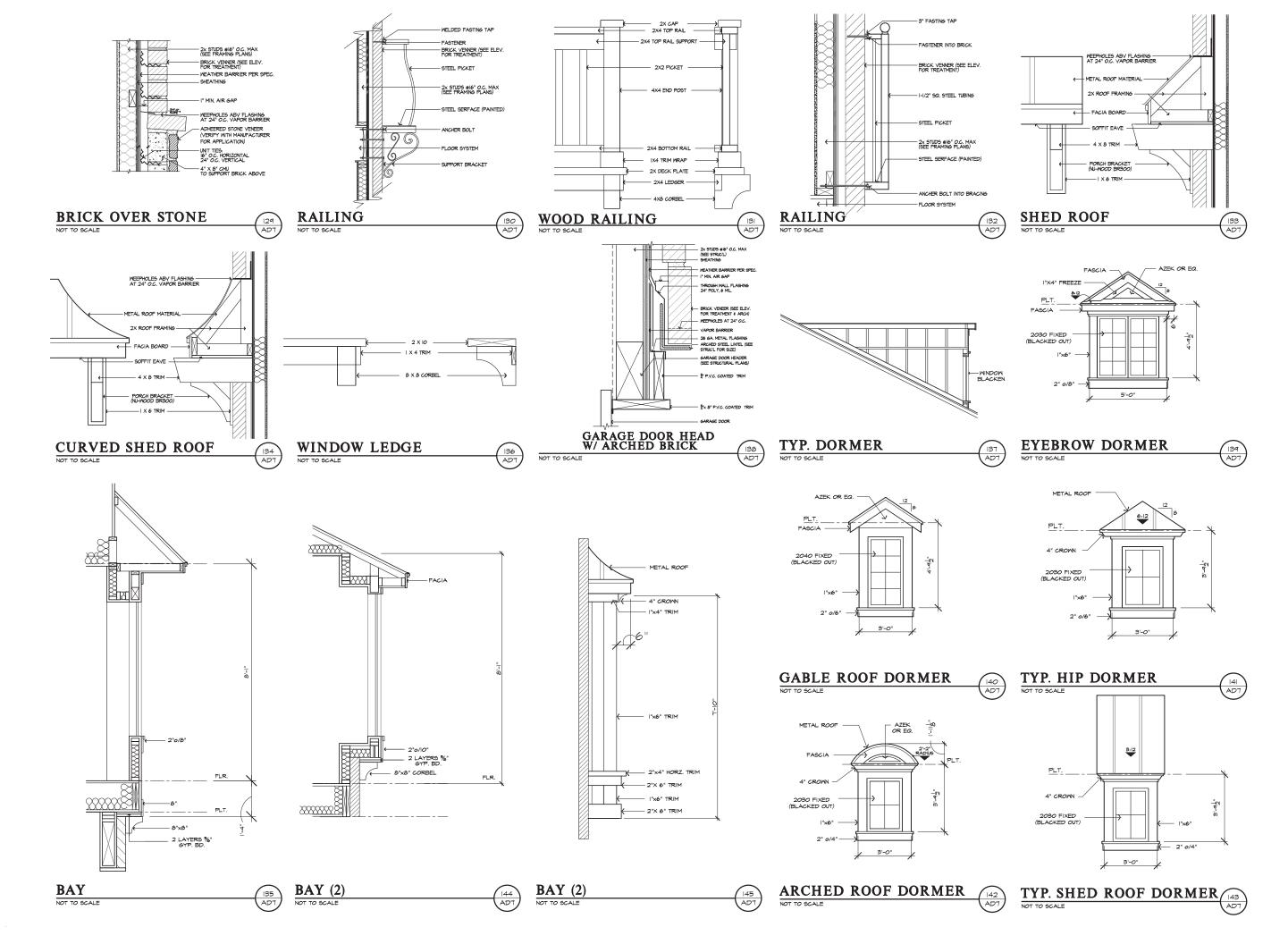




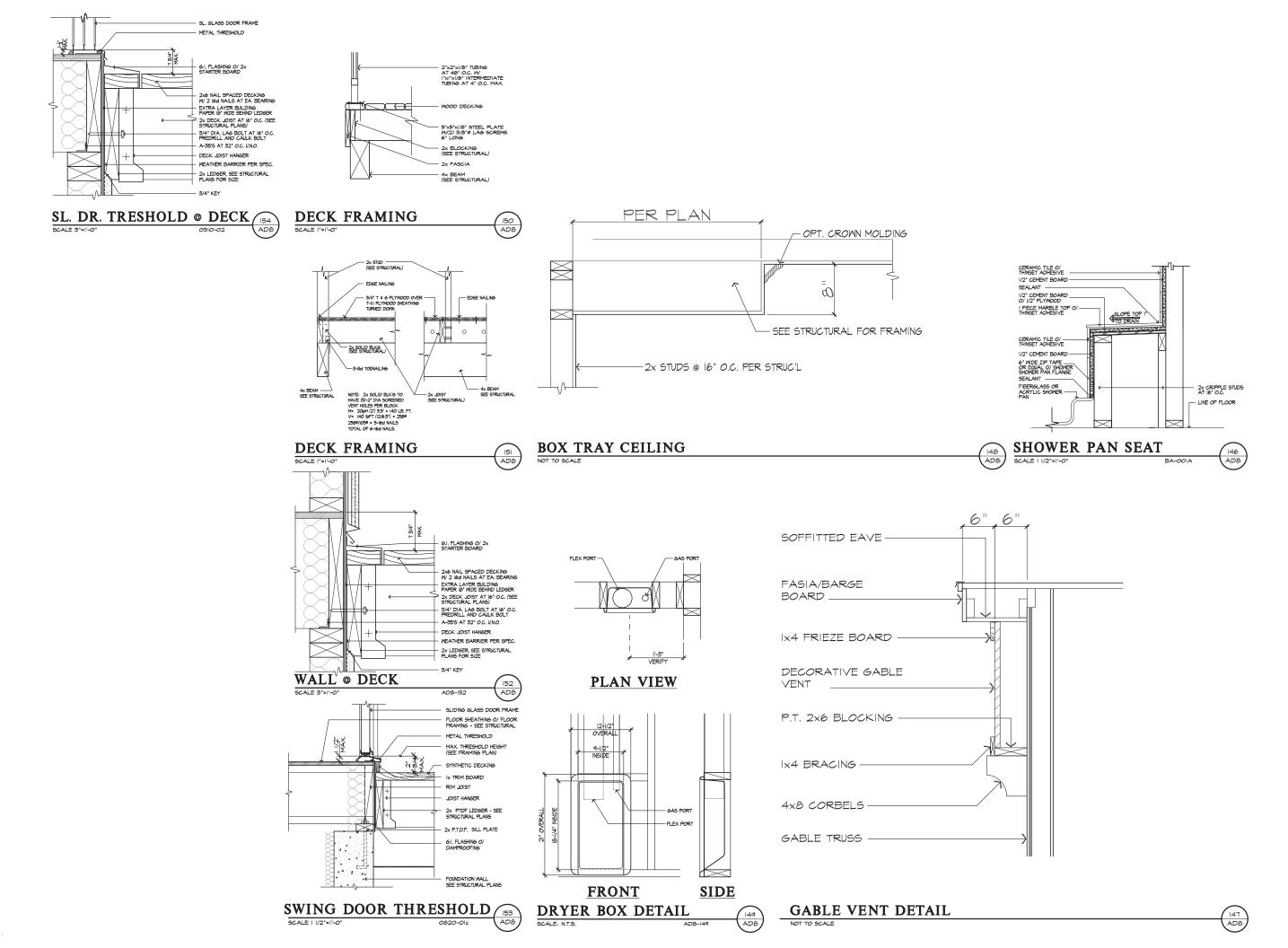




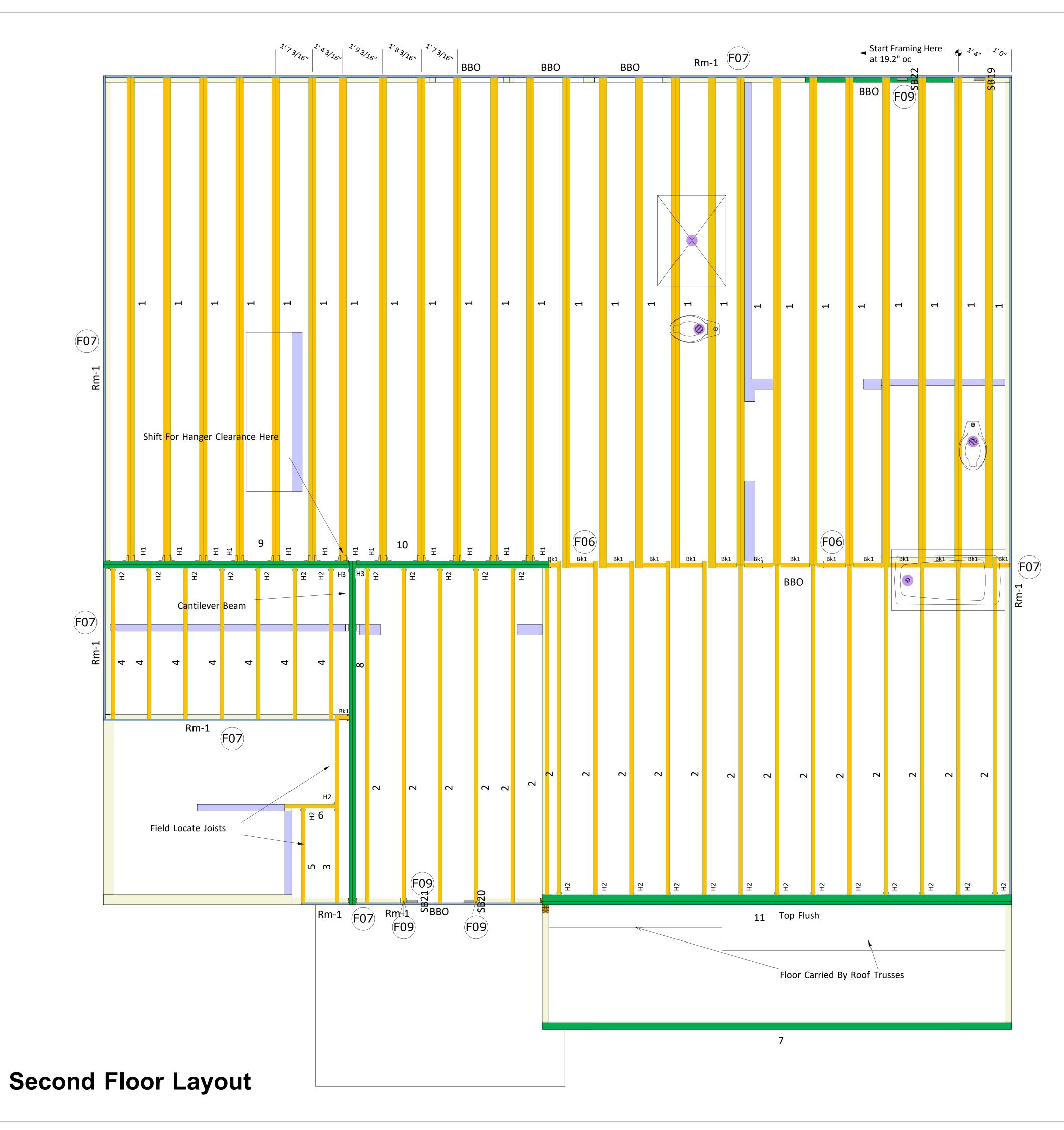




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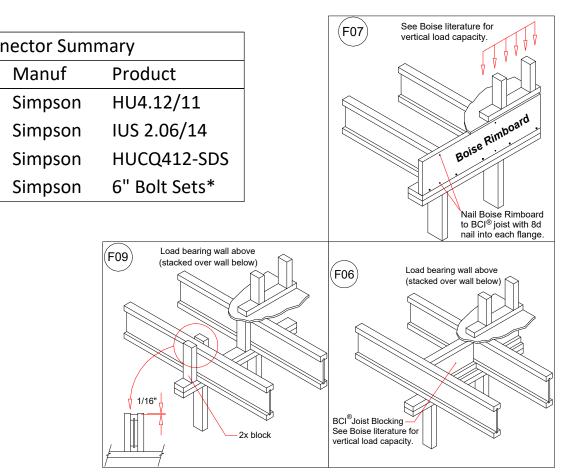
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Products						
PlotID	Net Qty	Product	Length	Plies		
1	50	14" BCI® 5000s-1.8	22' 0"	2		
2	19	14" BCI® 5000s-1.8	15' 0"	1		
3	1	14" BCI® 5000s-1.8	9' 0"	1		
4	7	14" BCI <sup>®</sup> 5000s-1.8	7' 0"	1		
5	1	14" BCI <sup>®</sup> 5000s-1.8	5' 0"	1		
6	1	14" BCI <sup>®</sup> 5000s-1.8	3' 0"	1		
7	2	1-3/4" x 11-7/8" VERSA-LAM® LVL 2.1E 3100 SP	22' 0"	2		
8	2	1-3/4" x 14" VERSA-LAM® LVL 2.1E 3100 SP	16' 0"	2		
9	2	1-3/4" x 14" VERSA-LAM® LVL 2.1E 3100 SP	12' 0"	2		
10	2	1-3/4" x 14" VERSA-LAM® LVL 2.1E 3100 SP	10' 0"	2		
11	3	1-3/4" x 24" VERSA-LAM® LVL 2.1E 3100 SP	22' 0"	3		
Rm-1	11	1" x 14" BC RIM BOARD OSB	12' 0"	1		
Bk1	8	14" BCI <sup>®</sup> 5000s-1.8	2' 0"	1		

	Conr
PlotID	Qty
H1	12
H2	27
H3	2
Add*	40

# **KB** Homes 2596 Elev.D 7 Highland Grove



Squash Blocks Required Under The Ends Of All LVL And Point Loads For Load Transfer - See Details

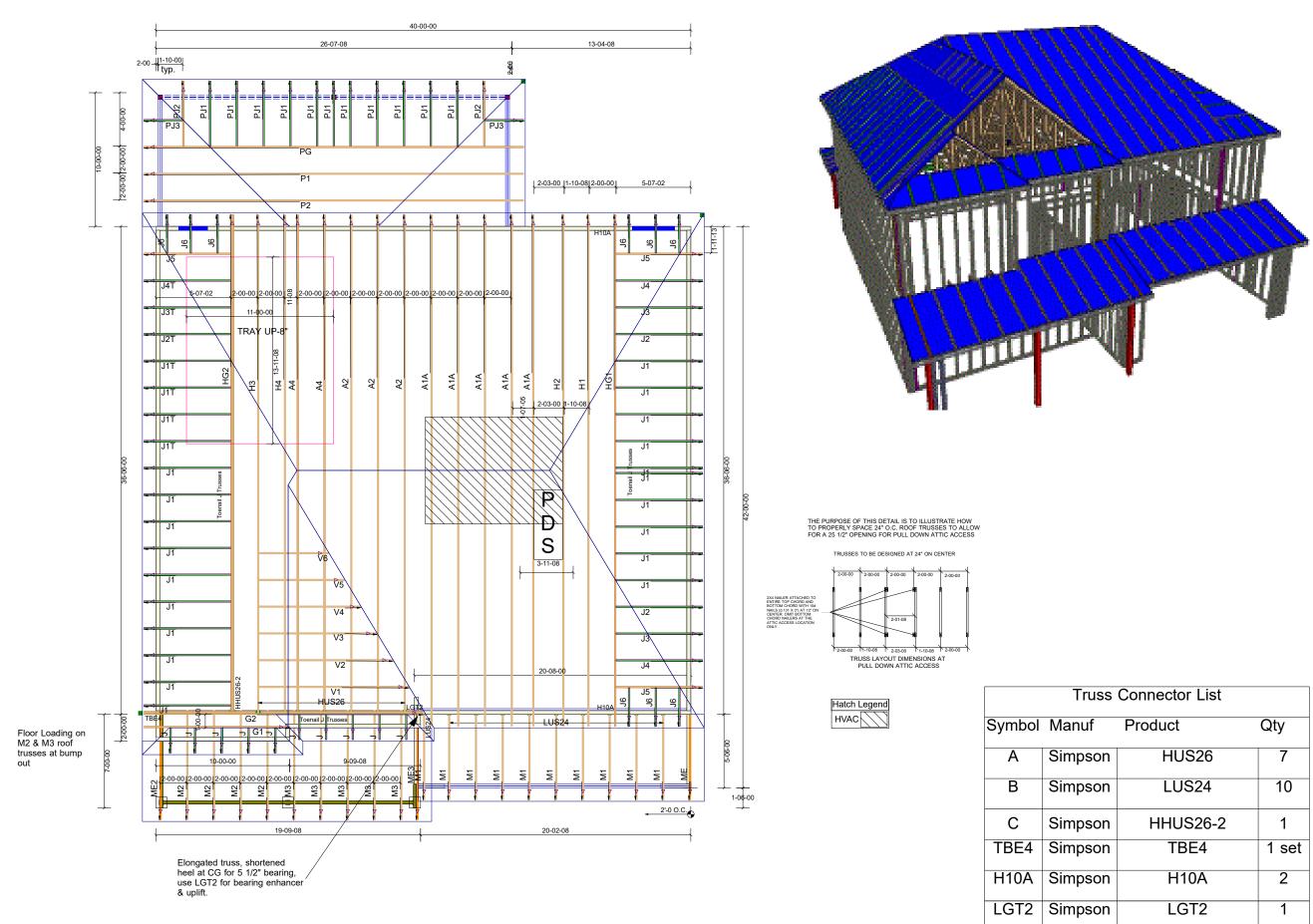
All I-Joist and Versa-Lam Beams Must be Installed per The Boise Cascade Installation Guide! COMPACT NOT THE PARTY PA Boise y B. ATIO ck has I ore pur ties, loa PRE; SALES PF No structural or dime drawings of the bui approve all dimsens This drawing ha

KB Homes 2596 Elev.D 7 Highland Grove 84 Lumber EWP

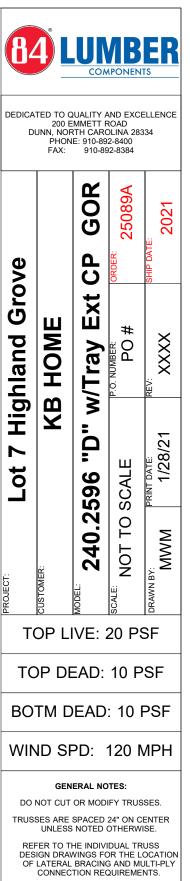
BC FRAMER II Plan Date: 08132018 Structural Date: 10312019 By: GAT Sheet: 2/3

Cascade

Revisions:



;	Connector List							
	Product	Qty						
	HUS26	7						
	LUS24	10						
	HHUS26-2	1						
	TBE4	1 set						
	H10A	2						
	LGT2	1						



PER ANSI TPI 1-2002 THE TRUSS ENGINEER IS RESPONSIBLE FOR TRUSS TO TRUSS CONNECTIONS AND TRUSS PLY TO PLY CONNECTIONS. THIS TRUSS PLACEMENT PLAN RECCOMENDS TRUSS TO BEARING CONNECTIONS AND TRUSS TO BEAM CONNECTIONS WHICH SHALL BE REVIEWED BY THE BUILDING DESIGNER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO RESOLVE ALL ROOF FORCES ADEQUATELY TO THE FOUNDATION

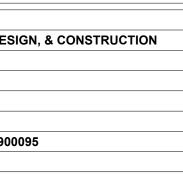
# **STRUCTURAL PLANS FOR:**

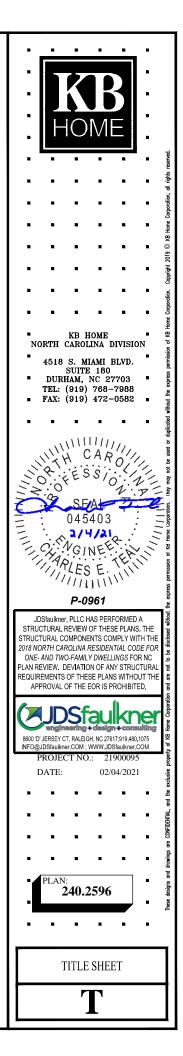


# 240.2596 - RH GARAGE

REV DATE	ARCH PLAN VERSION	REVISION DESCRIPTION	DRF
02/01/2021	240.2596 RH D9 - 01.26.21	INITIAL SETUP OF LAYOUT	ABS
02/01/2021	240.2596 RH D9 - 01.26.21	CREATED LOT-SPECIFIC STRUCTURAL LAYOUT FROM MASTER PLAN AND EWP LAYOUT	ABS

NC	TES	CODE	ENGINEER OF
<ol> <li>ENGINEER'S SEAL APPLIES TO STRUCTURAL COMPONENTS ONLY. ENGINEER'S SEAL DOES NOT CERTIFY DIMENSIONAL ACCURACY OR ARCHITECTURAL LAYOUT, INCLUDING ROOF GEOMETRY. JDSfaulkner, PLLC ASSUMES NO LIABILITY FOR CHANGES MADE TO THESE PLANS BY OTHERS, OR FOR CONSTRUCTION METHODS, OR FOR ANY DEVIATION FROM THE PLANS. ENGINEER TO BE NOTIFIED PRIOR TO CONSTRUCTION IF ANY DISCREPANCIES ARE NOTED ON THE PLANS.</li> <li>DIMENSIONS SHALL GOVERN OVER SCALE, AND CODE SHALL GOVERN OVER DIMENSIONS.</li> </ol>	<ol> <li>PLANS MUST HAVE SIGNED SEAL TO BE VALID AND ARE LIMITED TO THE FOLLOWING USES:</li> <li>A. IF THESE PLANS ARE ISSUED AS A MASTER-PLAN SET, THE SET IS VALID FOR 18 MONTHS FROM THE DATE ON THE SEAL, UNLESS ANY CODE-REQUIRED UPDATES ARE PLACED IN EFFECT BY THE MUNICIPALITY.</li> <li>B. IF THESE PLANS ARE NOT ISSUED AS A MASTER-PLAN SET, THE SET IS VALID FOR A CONDITIONAL, ONE-TIME USE FOR THE LOT OR ADDRESS SPECIFIED ON THE TITLE BLOCK.</li> </ol>	ALL CONSTRUCTION, WORKMANSHIP, AND MATERIAL QUALITY AND SELECTION SHALL BE PER: 2018 NORTH CAROLINA STATE BUILDING CODE: RESIDENTIAL CODE	JDSfaulkner, PLLC ENGINEERING, BUILDING DESI CONSULTING SERVICES 8600 'D' JERSEY COURT RALEIGH, NC 27617 FIRM LIC. NO: P-0961 PROJECT REFERENCE: 21900





NOTE: ALL CHAPTERS, SECTIONS, TABLES, AND FIGURES CITED WITHOUT A PUBLICATION TITLE ARE FROM THE APPLICABLE RESIDENTIAL CODE (SEE TITLE SHEET).

### GENERAL

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIEY ALL DIMENSIONS PRIOR TO CONSTRUCTION, FURTHERMORE, CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, AND SAFETY ON SITE, NOTIFY JDSfaulkne PLLC IMMEDIATELY IF DISCREPANCIES ON PLAN EXIST.
- BRACED-WALL DESIGN IS BASED ON SECTION R602.10 WALL 2. BRACING, PRIMARY PRESCRIPTIVE METHOD TO BE CS-WSP, SEE WALL BRACING PLANS AND DETAILS FOR ADDITIONAL INFORMATION.

ALL NON-PRESCRIPTIVE SOLUTIONS ARE BASED ON GUIDELINES ESTABLISHED IN THE AMERICAN SOCIETY OF CIVIL ENGINEERS PUBLICATION ASCE 7 AND THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION - SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC.

SEISMIC DESIGN SHALL BE PER SECTION R301.2.2 - SEISMIC 3. PROVISIONS, INCLUDING ASSOCIATED TABLES AND FIGURES, BASED ON LOCAL SEISMIC DESIGN CATEGORY

## DESIGN LOADS

ASSUMED SOIL BEARING-CAPACITY	2,000 PSF
	LIVE LOAD
ULTIMATE DESIGN WIND SPEED	115 MPH, EXPOSURE B
GROUND SNOW	15 PSF
ROOF	20 PSF
RESIDENTIAL CODE TABLE R301.5	LIVE LOAD (PSF)
DWELLING UNITS	40
SLEEPING ROOMS	30
ATTICS WITH STORAGE	20
ATTICS WITHOUT STORAGE	10
STAIRS	40
DECKS	40
EXTERIOR BALCONIES	60
PASSENGER VEHICLE GARAGES	50
FIRE ESCAPES	40
GUARDS AND HANDRAILS	200 (pounds, concentrated)

COMPONENT AND CLADDING LOADS, INCLUDING THOSE FOR DOORS AND WINDOWS, SHALL BE DERIVED FROM TABLES R301.2(2) AND R301.2(3) FOR A BUILDING WITH A MEAN ROOF HEIGHT OF 35 FEET, LOCATED IN EXPOSURE B.

KS

KING STUD COLUMN

ABBREVIATIONS

ADDR	EVIATIONS		
-		LVL	LAMINATED VENEER
ABV	ABOVE		LUMBER
AFF	ABOVE FINISHED FLOOR		MAXIMUM
ALT	ALTERNATE		MECHANICAL
	BEARING		MANUFACTURER
BSMT	BASEMENT	MIN	MINIMUM
CANT	CANTILEVER		NOT TO SCALE
CJ	CEILING JOIST		OVERALL
CLG	CEILING		ON CENTER
CMU	CONCRETE MASONRY UNIT	PT	PRESSURE TREATED
со	CASED OPENING	R	RISER
COL	COLUMN	REF	REFRIGERATOR
CONC	CONCRETE	RFG	ROOFING
CONT	CONTINUOUS	RO	ROUGH OPENING
D	CLOTHES DRYER		ROOF SUPPORT
DBL	DOUBLE	SC	
DIAM	DIAMETER	SF	
DJ	DOUBLE JOIST	SH	
DN	DOWN	SHTG	
DP	DEEP	SHW	
DR	DOUBLE RAFTER	SIM	
DSP	DOUBLE STUD POCKET		SINGLE JOIST
EA	EACH		STUD POCKET
EE	EACH END		SPECIFIED
EQ	EQUAL	SQ	SQUARE
EX	EXTERIOR	т	TREAD
	FORCED-AIR UNIT	TEMP	TEMPERED GLASS
FDN	FOUNDATION	тнк	TEMPERED GLASS THICK(NESS)
FF	FINISHED FLOOR	тJ	TRIPLE JOIST
FLR	FLOOR(ING)	TJ TOC	TOP OF CURB / CONCRETE
FP	FIREPLACE	IR	
FTG	FOOTING		TYPICAL
нв	HOSE BIBB	UNO	UNLESS NOTED OTHERWISE
HDR	HEADER		
HGR	HANGER	WH	WATER HEATER
JS	JACK STUD COLUMN		WELDED WIRE FABRIC
		XJ	EXTRA JOIST

## MATERIALS

1. INTERIOR / TRIMMED FRAMING LUMBER SHALL BE #2 SPRUCE PINE FIR (SPF) WITH THE FOLLOWING DESIGN PROPERTIES (#2 SOUTHERN YELLOW PINE MAY BE SUBSTITUTED):

Fb = 875 PSI Fv = 70 PSI E = 1.4E6 PSI

2. FRAMING LUMBER EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND, CONCRETE, OR MASONRY SHALL BE PRESSURE TREATED #2 SOUTHERN YELLOW PINE (SYP) WITH THE FOLLOWING DESIGN PROPERTIES:

Fb = 975 PSI Fv = 95 PSI E = 1.6E6 PSI

3. LVL STRUCTURAL MEMBERS TO BE LAMINATED VENEER LUMBER WITH THE FOLLOWING MINIMUM DESIGN PROPERTIES:

Fb = 2600 PSI Fv = 285 PSI E = 1.9E6 PSI

PSL STRUCTURAL MEMBERS TO BE PARALLEL STRAND LUMBER WITH THE FOLLOWING MINIMUM DESIGN PROPERTIES:

Eb = 2900 PSI Ev = 290 PSI E = 2.0E6 PSI

5. LSL STRUCTURAL MEMBERS TO BE LAMINATED STRAND LUMBER WITH THE FOLLOWING MINIMUM DESIGN PROPERTIES:

Fb = 2250 PSI Fv = 400 PSI E = 1.55E6 PSI

- 6. STRUCTURAL STEEL WIDE-FLANGE BEAMS SHALL CONFORM TO ASTM A992. Fy = 50 KSI
- 7. REBAR SHALL BE DEFORMED STEEL CONFORMING TO ASTM A615, GRADE 60.
- 8. POURED CONCRETE COMPRESSIVE STRENGTH TO BE A MINIMUM 3,000 PSI AT 28 DAYS, MATERIALS USED TO PRODUCE CONCRETE SHALL COMPLY WITH THE APPLICABLE STANDARDS LISTED IN AMERICAN CONCRETE INSTITUTE STANDARD ACI 318 OR ASTM C1157
- 9. CONCRETE SUBJECT TO MODERATE OR SEVERE WEATHERING PROBABILITY PER TABLE R301.2(1) SHALL BE AIR-ENTRAINED WHEN REQUIRED BY TABLE R402.2
- 10. CONCRETE MASONRY UNITS (CMU) SHALL CONFORM TO AMERICAN CONCRETE INSTITUTE PUBLICATION 530: BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES AND COMPANION COMMENTARIES AND THE MASONRY SOCIETY PUBLICATION TMS 402/602: BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES
- 11. MORTAR SHALL COMPLY WITH ASTM INTERNATIONAL STANDARD
- 12. INDICATED MODEL NUMBERS FOR ALL METAL HANGERS, STRAPS, FRAMING CONNECTORS, AND HOLD-DOWNS ARE SIMPSON STRONG-TIE BRAND, EQUIVALENT USP BRAND PRODUCTS ARE ACCEPTABLE.
- 13. REFER TO I-JOIST EQUIVALENCE CHART ON I-JOIST DETAIL SHEET FOR SUBSTITUTION OF MANUFACTURER SERIES.

### FOUNDATION

- MINIMUM ALLOWABLE SOIL BEARING CAPACITY IS ASSUMED TO BE 2,000 PSF. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SOIL BEARING CAPACITY IF UNSATISFACTORY CONDITIONS
- 2. CONCRETE FOUNDATION WALLS TO BE SELECTED AND CONSTRUCTED PER SECTION R404 OR AMERICAN CONCRETE INSTITUTE STANDARD ACI 318.
- 3. MASONRY FOUNDATION WALLS TO BE SELECTED AND CONSTRUCTED PER SECTION R404 AND/OR AMERICAN CONCRETE INSTITUTE PUBLICATION 530: BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES AND COMPANION COMMENTARIES AND/OR THE MASONRY SOCIETY PUBLICATION TMS 402/602: BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES
- CONCRETE WALL HORIZONTAL REINFORCEMENT TO BE PER 4 TABLE R404.1.2(1) OR AS NOTED OR DETAILED. CONCRETE WALL VERTICAL REINFORCEMENT TO BE PER TABLES R404.1.2(3 AND 4) OR AS NOTED OR DETAILED. ALL CONCRETE WALLS SHALL COMPLY WITH APPLICABLE PROVISIONS OF CHAPTER 6.
  - A. TABLES ASSUME THAT WALLS HAVE PERMANENT LATERAL SUPPORT AT THE TOP AND BOTTOM.
  - FOUNDATION DRAINS ARE ASSUMED AT ALL WALLS PER В. SECTION R405
- 5. PLAIN-MASONRY WALL DESIGN TO BE PER <u>TABLE R404.1.1(1)</u> OR AS NOTED OR DETAILED. MASONRY WALLS WITH VERTICAL REINFORCEMENT TO BE PER TABLES R404.1.1 (2 THROUGH 4) OR AS NOTED OR DETAILED. ALL MASONRY WALLS SHALL COMPLY WITH APPLICABLE PROVISIONS OF CHAPTER 6.
  - A. TABLES ASSUME THAT WALLS HAVE PERMANENT LATERAL SUPPORT AT THE TOP AND BOTTOM.
  - B WALL REINFORCING SHALL BE PLACED ACCORDING TO FOOTNOTE (c) OF THE TABLES (REINFORCING IS NOT CENTERED IN WALL).
  - FOUNDATION DRAINS ARE ASSUMED AT ALL WALLS PER C. SECTION R405
- WOOD SILL PLATES TO BE ANCHORED TO THE FOUNDATION WITH 1/2" DIAMETER ANCHOR BOLTS WITH MINIMUM 7" EMBEDMENT, SPACED A MAXIMUM OF 6'-0" OC AND WITHIN 12" FROM THE ENDS OF EACH PLATE SECTION. INSTALL MINIMUM (2) ANCHOR BOLTS PER SECTION. SEE SECTION R403.1.6 FOR SPECIFIC CONDITIONS.
- THE UNSUPPORTED HEIGHT OF SOLID MASONRY PIERS SHALL NOT EXCEED TEN TIMES THEIR LEAST DIMENSION . UNFILLED, HOLLOW PIERS MAY BE USED IF THE UNSUPPORTED HEIGHT IS NOT MORE THAN FOUR TIMES THEIR LEAST DIMENSION
- 8. CENTERS OF PIERS TO BEAR IN THE MIDDLE THIRD OF THE FOOTINGS, AND GIRDERS SHALL CENTER IN THE MIDDLE THIRD OF
- ALL FOOTINGS TO HAVE MINIMUM 2" PROJECTION ON EACH SIDE OF FOUNDATION WALLS (SEE DETAILS).
- 10. ALL REBAR NOTED IN CONCRETE TO HAVE AT LEAST 2" COVER FROM EDGE OF CONCRETE TO EDGE OF REBAR.
- 11. FRAMING TO BE FLUSH WITH FOUNDATION WALLS.
- 12. WITH CLASS 1 SOILS, VAPOR BARRIER AND CRUSHED STONE MAY BE OMITTED.

# FRAMING

- 3.

  - CONSTRUCTION

7.

- LUMBER

  - DETAILS.
- SPECIFICATIONS

- MANUFACTURER. C.

- DRAWINGS.

- EACH END OF FLITCH BEAM

- SHALL BE MET.

ALL BEARING HEADERS TO BE (2) 2x6 SUPPORTED W/ MIN (1) JACK STUD AND (1) KING STUD EACH END, UNO.

ALL NON-BEARING HEADERS TO BE (2) 2x4, UNO

NON-BEARING INTERIOR WALLS NOT MORE THAN 10' NOMINAL HEIGHT AND NOT SHOWN AS BRACED WALLS MAY BE FRAMED WITH 2x4 STUDS @ 24" OC.

SOLID BLOCKING TO BE PROVIDED AT ALL POINT LOADS THROUGH FLOOR LEVELS TO THE FOUNDATION OR TO OTHER STRUCTURAL COMPONENTS.

ALL BEAMS SPECIFIED ARE MINIMUM SIZES ONLY LARGER MEMBERS MAY SUBSTITUTED AS NEEDED FOR EASE OF

ALL EXTERIOR WALLS TO BE FULLY SHEATHED WITH 7/16" OSB.

PORCH / PATIO COLUMNS TO BE 4x4 MINIMUM PRESSURE-TREATED

A. ATTACH PORCH COLUMNS TO SLAB / FDN WALL USING ABA, ABU, ABW, OR CPT SIMPSON POST BASES TO FIT COLUMN SIZES NOTED ON PLAN -OR- ANY OTHER COLUMN CONNECTION WITH 500# UPLIFT CAPACITY.

ATTACH PORCH COLUMNS TO PORCH BEAMS USING AC OR BC SIMPSON POST CAPS TO FIT COLUMN SIZES NOTED ON PLAN -OR- ANY OTHER COLUMN CONNECTION WITH 500# LIPLIET CAPACITY

C. TRIM OUT COLUMN(S) AND BEAM(S) PER BUILDER AND

ALL ENGINEERED WOOD PRODUCTS (LVL, PSL, LSL, ETC.) SHALL BE INSTALLED WITH CONNECTIONS PER MANUFACTURER

ENGINEERED WOOD ELOOR SYSTEMS AND ROOF TRUSS SYSTEMS A. SHOP DRAWINGS FOR THE SYSTEMS SHALL BE PROVIDED TO THE ENGINEER OF RECORD FOR REVIEW AND COORDINATION BEFORE CONSTRUCTION. B. TRUSS PROFILES SHALL BE SEALED BY THE TRUSS

INSTALLATION OF THE SYSTEMS SHALL BE PER MANUFACTURER'S INSTRUCTIONS.

TRUSS LAYOUT AND PLACEMENT BY MANUFACTURER TO COINCIDE WITH THE SUPPORT LOCATIONS SHOWN IN THESE

10. ALL BEAMS TO BE CONTINUOUSLY SUPPORTED LATERALLY AND SHALL BEAR FULL WIDTH ON THE SUPPORTING WALLS OR COLUMNS INDICATED. WITH A MINIMUM OF THREE STUDS. UNO.

ALL STEEL BEAMS TO BE SUPPORTED AT EACH END WITH A MIN BEARING LENGTH OF 3 1/2" AND FULL FLANGE WIDTH. BEAMS MUST BE ATTACHED AT EACH END WITH A MINIMUM OF FOUR 16d NAILS OR TWO 1/2" x 4" LAG SCREWS, UNO

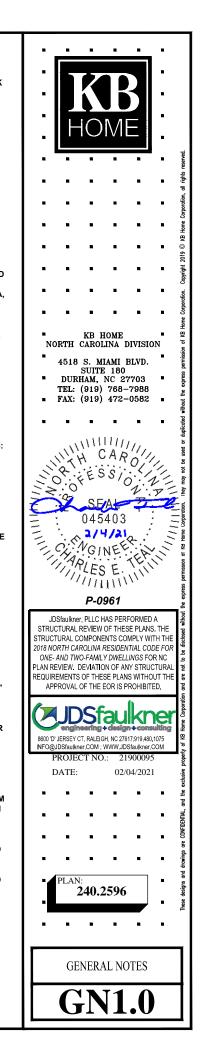
12. STEEL FLITCH BEAMS TO BE BOLTED TOGETHER USING (2) ROWS OF 1/2" DIAMETER BOLTS (ASTM 307) WITH WASHERS PLACED UNDER THE THREADED END OF THE BOLT. BOLTS TO BE SPACED AT 24" OC (MAX) AND STAGGERED TOP AND BOTTOM OF BEAM (2" EDGE DISTANCE, WITH TWO BOLTS TO BE LOCATED AT 6" FROM

WHEN A 4-PLY LVL BEAM IS USED, ATTACH WITH (1) 1/2" DIAMETER BOLT, 12" OC, STAGGERED TOP AND BOTTOM, 1 1/2" MIN FROM ENDS. ALTERNATE FOUIVALENT ATTACHMENT METHOD MAY BE USED, SUCH AS SDS, SDW, OR TRUSSLOK SCREWS (SEE MANUFACTURER SPECIFICATIONS).

14. FOR STUD COLUMNS OF 4-OR-MORE STUDS, INSTALL SIMPSON STRONG-TIE CS16 STRAPS ACROSS STUDS @ 30" OC, 6" MAX FROM PLATES, ON INSIDE FACE OF COLUMN (EXTERIOR WALL), ON BOTH FACES OF COLUMN (INTERIOR WALL).

15. FLOOR JOISTS ADJACENT AND PARALLEL TO THE EXTERIOR FOUNDATION WALL SHALL BE PROVIDED WITH FULL-DEPTH SOLID BLOCKING, NOT LESS THAN TWO (2) INCHES NOMINAL IN THICKNESS, PLACED PERPENDICULAR TO THE JOIST AT SPACING NOT MORE THAN FOUR (4) FEET. THE BLOCKING SHALL BE NAILED TO THE FLOOR SHEATHING, THE SILL PLATE, THE JOIST, AND THE EXTERIOR RIM JOIST / BOARD.

16. BRACED WALL PANELS SHALL BE FASTENED TO MEET THE **UPLIFT-RESISTANCE REQUIREMENTS IN CHAPTERS 6 AND 8 OF** THE APPLICABLE CODE (SEE TITLE SHEET), REQUIREMENTS OF THE STRUCTURAL DRAWINGS THAT EXCEED THE CODE MINIMUM



FASTENER SCHEDULE			
CONNECTION	3" x 0.131" NAIL	3" x 0.120" NAIL	
JOIST TO SILL PLATE	(4) TOE NAILS	(4) TOE NAILS	
SOLE PLATE TO JOIST / BLOCKING	NAILS @ 8" OC (typical) (4) PER 16" SPACE (at braced panels)	NAILS @ 8" OC (typical) (4) PER 16" SPACE (at braced panels)	
STUD TO SOLE PLATE	(4) TOE NAILS	(4) TOE NAILS	
TOP OR SOLE PLATE TO STUD	(3) FACE NAILS	(4) FACE NAILS	
RIM JOIST OR BAND JOIST TO TOP PLATE OR SILL PLATE	TOE NAILS @ 6" OC	TOE NAILS @ 4" OC	
BLOCKING BETWEEN JOISTS TO TOP PLATE OR SILL PLATE	(4) TOE NAILS	(4) TOE NAILS	
DOUBLE STUD	NAILS @ 8" OC	NAILS @ 8" OC	
DOUBLE TOP PLATES	NAILS @ 12" OC	NAILS @ 12" OC	
DOUBLE TOP PLATES LAP (24" MIN LAP LENGTH)	(12) NAILS IN LAPPED AREA, EA SIDE OF JOINT	(12) NAILS IN LAPPED AREA, EA SIDE OF JOINT	
TOP PLATE LAP AT CORNERS AND INTERSECTING WALLS	(3) FACE NAILS	(3) FACE NAILS	
OPEN-WEB TRUSS BOTTOM CHORD TO TOP PLATES OR SILL PLATE (PARALLEL TO WALL)	NAILS @ 6" OC	NAILS @ 4" OC	
BOTTOM CHORD OF TRUSS TO TOP PLATES OR SILL PLATE (PERPENDICULAR TO WALL)	(3) TOE NAILS	(3) TOE NAILS	

SEE <u>TABLE R602.3(1)</u> FOR ADDITIONAL STRUCTURAL-MEMBER FASTENING REQUIREMENTS.

DETAILS AND NOTES ON DRAWINGS GOVERN.

#### BALLOON WALL FRAMING SCHEDULE (USE THESE STANDARDS UNLESS NOTED OTHERWISE ON THE FRAMING PLAN SHEETS)

FRAMING MEMBER SIZE	MAX HEIGHT (PLATE TO PLATE) 115 MPH ULTIMATE DESIGN WIND SPEED
2x4 @ 16" OC	10'-0"
2x4 @ 12" OC	12'-0"
2x6 @ 16" OC	15'-0"
2x6 @ 12" OC	17'-9"
2x8 @ 16" OC	19'-0"
2x8 @ 12" OC	22'-0"
(2) 2x4 @ 16" OC	14'-6"
(2) 2x4 @ 10" 00 (2) 2x4 @ 12" OC	17'-0"
(2) 2~6 @ 16" 00	21'-6"
(2) 2x6 @ 16" OC (2) 2x6 @ 12" OC	25'-0"
(2) 2x8 @ 16" OC (2) 2x8 @ 12" OC	27'-0" 31'-0"
(2) 210 @ 12 00	01-0

a. ALL HEIGHTS ARE MEASURED SUBFLOOR TO TOP OF WALL PLATE.

- b. WHEN SPLIT-FRAMED WALLS ARE USED FOR HEIGHTS OVER 12', THE CONTRACTOR SHALL ADD 6' MINIMUM OF CS16 COIL STRAPPING (FULLY NAILED), CENTERED OVER THE WALL BREAK.
- c. FINGER-JOINTED MEMBERS MAY BE USED FOR CONTINUOUS HEIGHTS WHERE TRADITIONALLY MILLED LUMBER LENGTHS ARE LIMITED.
- d. FOR GREATER WIND SPEED, SEE ENGINEERED SOLUTION FOR CONDITION IN DRAWINGS.

## ROOF SYSTEMS

TRUSSED ROOF - STRUCTURAL NOTES

- 1. PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.
- 2. DENOTES OVER-FRAMED AREA
- 3. MINIMUM 7/16" OSB ROOF SHEATHING
- 4. TRUSS LAYOUT AND PLACEMENT BY MANUFACTURER TO COINCIDE WITH THE SUPPORT LOCATIONS SHOWN. TRUSS PROFILES SHALL BE SEALED BY THE TRUSS MANUFACTURER. TRUSS PLANS TO BE COORDINATED WITH THE SEALED STRUCTURAL DRAWINGS. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- 5. MANUFACTURER TO PROVIDE REQUIRED UPLIFT CONNECTION.
- 6. PROVIDE H2.5A (MINIMUM) OR EQUIVALENT AT EACH TRUSS-TO-TOP PLATE CONNECTION AT OVER-FRAMED AREAS, UNLESS NOTED OTHERWISE.
- 7. UPLIFT CONNECTION TO BE CARRIED THROUGH TO FLOOR SYSTEM.

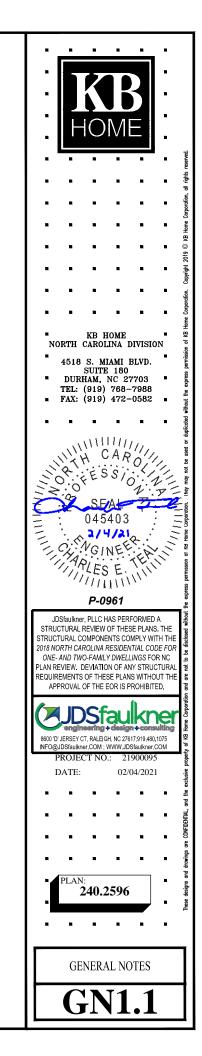
STICK-FRAMED ROOF - STRUCTURAL NOTES

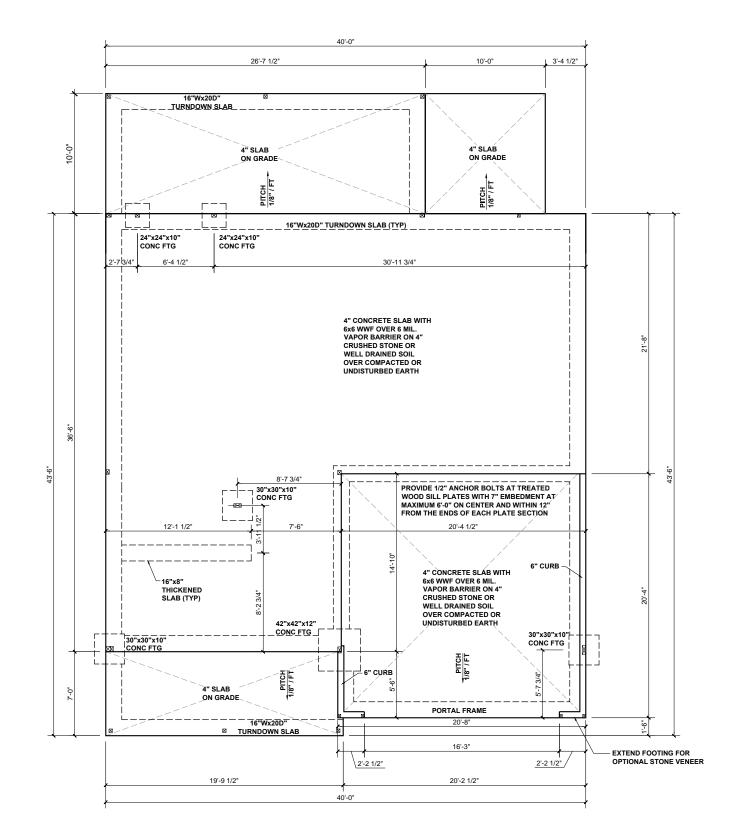
- 1. PROVIDE 2x4 COLLAR TIES AT 48" OC AT UPPER THIRD OF RAFTERS, UNLESS NOTED OTHERWISE.
- 2. FUR RIDGES FOR FULL RAFTER CONTACT.
- 3. PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.
- 4. DENOTES OVER-FRAMED AREA
- 5. MINIMUM 7/16" OSB ROOF SHEATHING
- PROVIDE 2x4 RAFTER TIES AT 16" OC AT 45° BETWEEN RAFTERS AND CEILING JOISTS. USE (4) 16d NAILS AT EACH CONNECTION. RAFTER TIES MAY BE SPACED AT 48" OC AT LOCATIONS WHERE NO KNEE WALLS ARE INSTALLED.
- 7. PROVIDE H2.5A (MINIMUM) OR EQUIVALENT AT EACH RAFTER-TO-TOP PLATE CONNECTION AT OVER-FRAMED AREAS, UNLESS NOTED OTHERWISE.
- 8. UPLIFT CONNECTION TO BE CARRIED THROUGH TO FLOOR SYSTEM.

BRICK VENEER LINTEL SCHEDULE		
SPAN	STEEL ANGLE SIZE	END BEARING LENGTH
UP TO 42"	L3-1/2"x3-1/2"x1/4"	8" (MIN. @ EACH END)
UP TO 72"	L6"x4"x5/16"* (LLV)	8" (MIN. @ EACH END)
OVER 72"	L6"x4"x5/16"* (LLV) ATTACH LINTEL w/ 1/2" THRU BOLT @ 12" OC. 3" FROM EACH END	

\* FOR QUEEN BRICK: LINTELS AT THIS CONDITION MAY BE 5"x3-1/2"x5/16"

NOTE: BRICK LINTELS AT SLOPED AREAS TO BE 4"x3-1/2"x1/4" STEEL ANGLE WITH 16D NAILS IN 3/16" HOLES IN 4" ANGLE LEG AT 12" OC TO TRIPLE RAFTER. WHEN THE SLOPE EXCEEDS 4:12 A MINIMUM OF 3"x3"x1/4" PLATES SHALL BE WELDED AT 24" OC ALONG THE STEEL ANGLE.





**SLAB FOUNDATION PLAN - 'D'** 

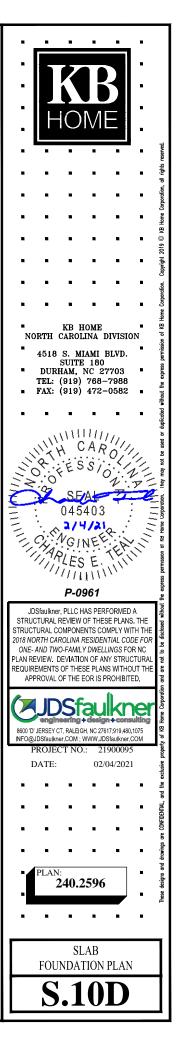
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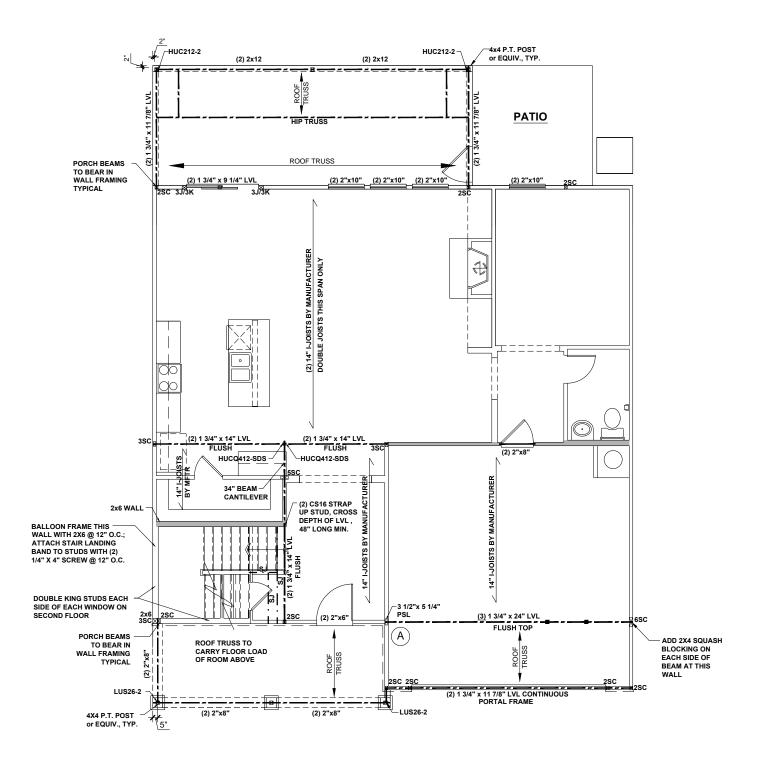
#### BEAM & POINT LOAD LEGEND

 INTERIOR LOAD BEARING WALL
 INTERIOR EGAD BEARING MALL
 <b>ROOF RAFTER / TRUSS SUPPORT</b>
 DOUBLE RAFTER / DOUBLE JOIST
 STRUCTURAL BEAM / GIRDER
 WINDOW / DOOR HEADER
POINT LOAD TRANSFER
POINT LOAD FROM ABOVE
BEARING ON BEAM / GIRDER

(1) #5 REBAR @ CENTER OFF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)

ALL CONCRETE CURBS SUPPORTING PORTAL FRAMED OR ENGINEERED OPENINGS IN GARAGES WITH A PONY WALL OVER 24" ABOVE THE GARAGE DOOR HEADER SHALL BE REQUIRED TO BE AT LEAST 8" WIDE.





# FIRST FLOOR CEILING FRAMING PLAN - 'D'

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

WHEN INSTALLING PSL COLUMNS INSTALL PSL SQUASH BLOCKING IN FLOOR SYSTEM DOWN TO FOUNDATION BEARING

### BEAM & POINT LOAD LEGEND

 1
I

INTERIOR LOAD BEARING WALL ROOF RAFTER / TRUSS SUPPORT DOUBLE RAFTER / DOUBLE JOIST STRUCTURAL BEAM / GIRDER WINDOW / DOOR HEADER POINT LOAD TRANSFER POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

STRUCTURAL FRAMING NOTES - (SEE GENERAL NOTES SHEET FOR ADDITIONAL REQUIREMENTS.)

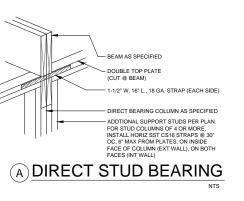
- I. ALL FRAMING TO BE #2 SPF MINIMUM.
- ALL BEARING HEADERS TO BE (2) 2x6 SUPPORTED w/ MIN (1) JACK AND (1) KING EACH END, UNO.
- 3. EXTERIOR WALL OPENINGS OVER 3' TO HAVE MULTIPLE KING STUDS AS NOTED ON PLAN.
- 4. ALL NON-BEARING HEADERS TO BE (2) 2x4 (1) J / (1) K, UNO.
- 5. PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.
- 6. ALL HANGERS AND CONNECTORS SPECIFIED ARE TO BE SIMPSON STRONG-TIE OR EQUIVALENT.
- 7. ALL BEAMS SPECIFIED ARE MINIMUM SIZES ONLY. LARGER MEMBERS MAY SUBSTITUTED AS NEEDED FOR EASE OF CONSTRUCTION. MINIMUM BEAM SUPPORT IS (1) 2x4 STUD.
- 8. ALL EXTERIOR WALLS TO BE FULLY SHEATHED WITH 7/16" OSB.
- 9. FRONT PORCH COLUMNS TO BE MIN 4x4 PT ATTACHED AT TOP AND BOTTOM USING SIMPSON (OR EQUIV) COLUMN BASE OR SST A24 BRACKETS. TRIM OUT PER BUILDER.
- 10. PORCH COLUMNS TO BE MIN 4x4 PT ATTACHED AT BOTTOM USING SIMPSON (OR EQUIV) ABA44 AND AT TOP USING CS 16 STRAPPING (12" MIN) TO PORCH HEADER / BAND.
- 11. WHEN A 4-PLY LVL IS USED, ATTACH WITH (1) 1/2" Ø BOLT 12" OC STAGGERED, TOP AND BOTTOM, 1-1/2" MIN FROM ENDS. ALTERNATE ATTACHMENT EQUIVALENT METHOD MAY BE USED, SUCH AS SDW OR TRUSSLOK SCREWS (SEE MANUFACTURER"S SPECIFICATIONS).
- 12. FOR STUD COLUMNS OF 4 OR MORE, INSTALL SST CS16 STRAPS @ 30° OC, 6° MAX FROM PLATES, ON INSIDE FACE OF COLUMN (EXTERIOR WALL), ON BOTH FACES OF COLUMN (INTERIOR WALL).

I-JOIST SPACING NOT TO EXCEED 19.2" OC IN LOCATIONS WITH TILE FINISH FLOOR

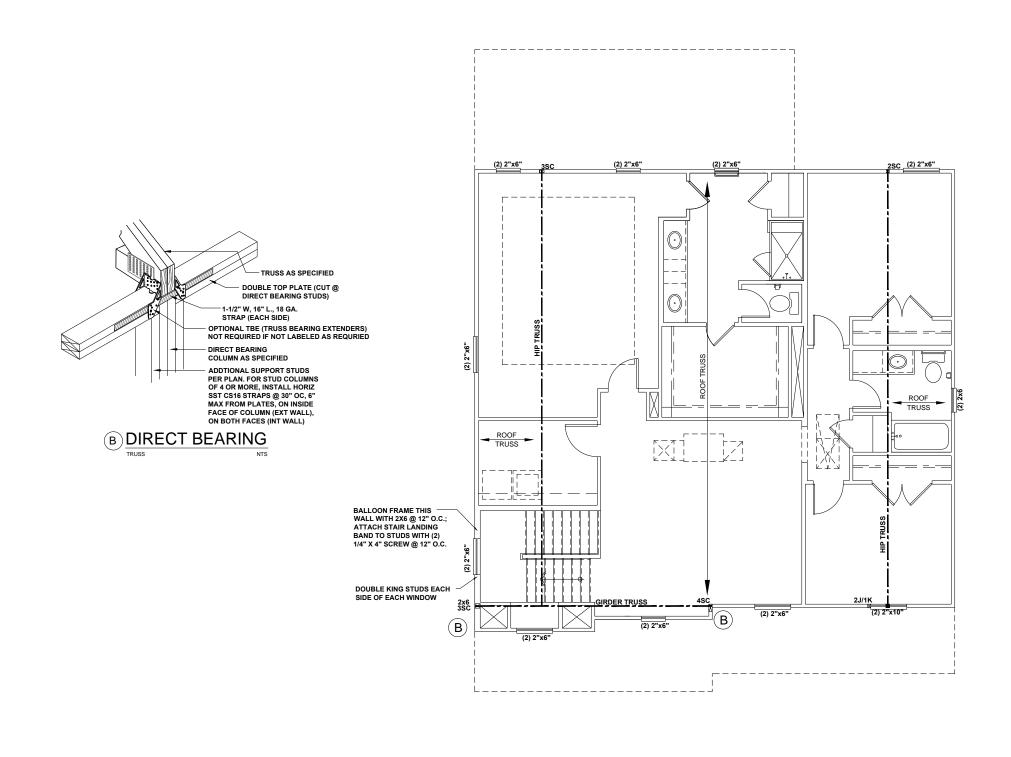
ALL FLUSH BEAMS TO BE DIRECTLY SUPPORTED BY (2) 2X\_STUDS UNLESS OTHERWISE NOTED. STUD COLUMNS TO BE SUPPORTED BY SOLID BLOCKING TO FOUNDATION OR TO BEARING COMPONENT BELOW.

\*\*REFER TO I-JOIST EQUIVALENCE CHART ON I-JOIST DETAIL SHEET FOR SUBSTITUTION OF MANUFACTURER SERIES

FLOOR FRAMING TO BE 14" DEEP TJI 210 SERIES OR EQUAL, 19.2" OC MAXIMUM SPACING, U.N.O.







# **SECOND FLOOR CEILING FRAMING PLAN - 'D'**

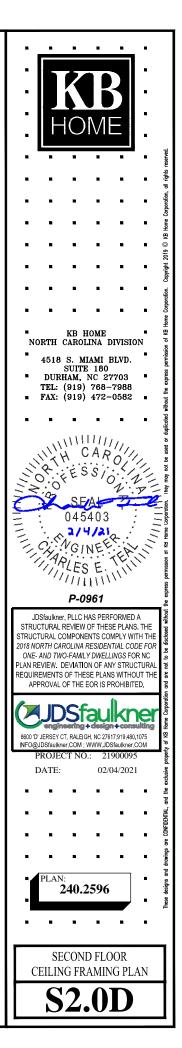
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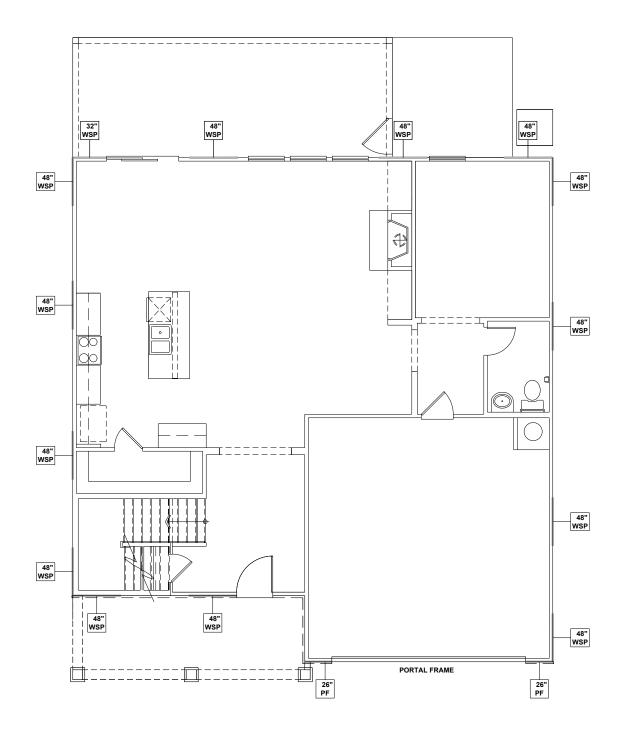
#### BEAM & POINT LOAD LEGEND

INTERIOR LOAD BEARING WALL ROOF RAFTER / TRUSS SUPPORT DOUBLE RAFTER / DOUBLE JOIST STRUCTURAL BEAM / GIRDER WINDOW / DOOR HEADER POINT LOAD TRANSFER POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

STRUCTURAL FRAMING NOTES - (SEE GENERAL NOTES SHEET FOR ADDITIONAL REQUIREMENTS.)

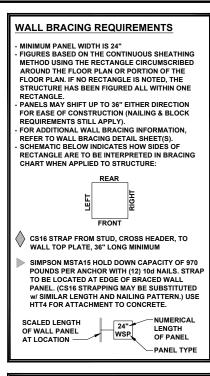
- 1. ALL FRAMING TO BE #2 SPF MINIMUM.
- ALL BEARING HEADERS TO BE (2) 2x6 SUPPORTED w/ MIN (1) JACK AND (1) KING EACH END, UNO.
- 3. EXTERIOR WALL OPENINGS OVER 3' TO HAVE MULTIPLE KING STUDS AS NOTED ON PLAN.
- 4. ALL NON-BEARING HEADERS TO BE (2) 2x4 (1) J / (1) K, UNO.
- 5. PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.
- 6. ALL HANGERS AND CONNECTORS SPECIFIED ARE TO BE SIMPSON STRONG-TIE OR EQUIVALENT.
- 7. ALL BEAMS SPECIFIED ARE MINIMUM SIZES ONLY. LARGER MEMBERS MAY SUBSTITUTED AS NEEDED FOR EASE OF CONSTRUCTION. MINIMUM BEAM SUPPORT IS (1) 2x4 STUD.
- 8. ALL EXTERIOR WALLS TO BE FULLY SHEATHED WITH 7/16" OSB.
- 9. FRONT PORCH COLUMNS TO BE MIN 4x4 PT ATTACHED AT TOP AND BOTTOM USING SIMPSON (OR EQUIV) COLUMN BASE OR SST A24 BRACKETS. TRIM OUT PER BUILDER.
- 10. PORCH COLUMNS TO BE MIN 4x4 PT ATTACHED AT BOTTOM USING SIMPSON (OR EQUIV) ABA44 AND AT TOP USING CS 16 STRAPPING (12" MIN) TO PORCH HEADER / BAND.
- 11. WHEN A 4-PLY LVL IS USED, ATTACH WITH (1) 1/2" Ø BOLT 12" OC STAGGERED, TOP AND BOTTOM, 1-1/2" MIN FROM ENDS. ALTERNATE ATTACHMENT EQUIVALENT METHOD MAY BE USED, SUCH AS SDW OR TRUSSLOK SCREWS (SEE MANUFACTURER"S SPECIFICATIONS).
- 12. FOR STUD COLUMNS OF 4 OR MORE, INSTALL SST CS16 STRAPS @ 30° OC, 6° MAX FROM PLATES, ON INSIDE FACE OF COLUMN (EXTERIOR WALL), ON BOTH FACES OF COLUMN (INTERIOR WALL).



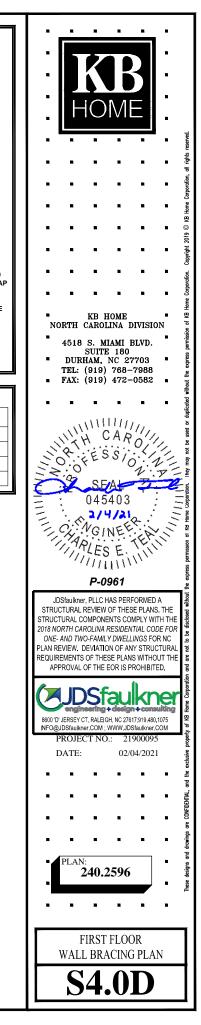


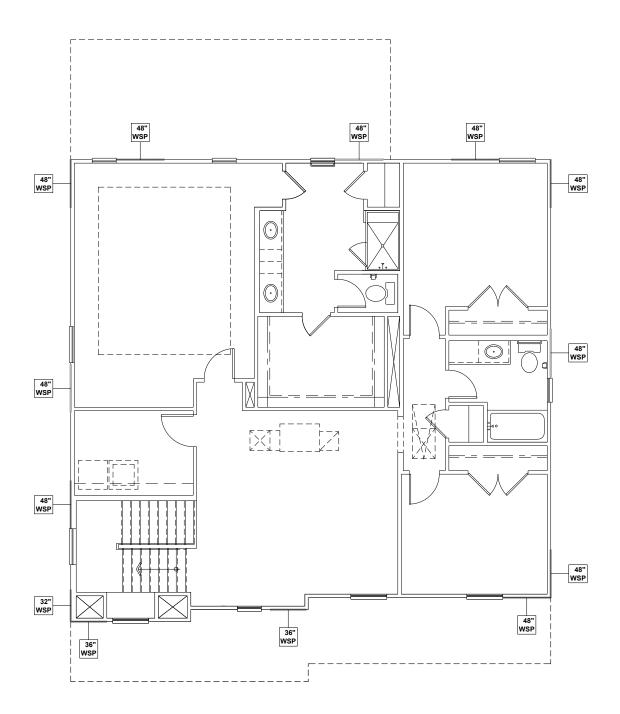
FIRST FLOOR WALL BRACING PLAN - 'D'

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



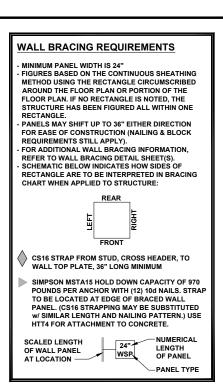
WALL BRACING: RECTANGLE 1		
SIDE	REQUIRED LENGTH	PROVIDED LENGTH
FRONT	12.0 FT.	14.5 FT.
RIGHT	12.0 FT.	16.0 FT.
REAR	12.0 FT.	14.6 FT.
LEFT	12.0 FT.	16.0 FT.



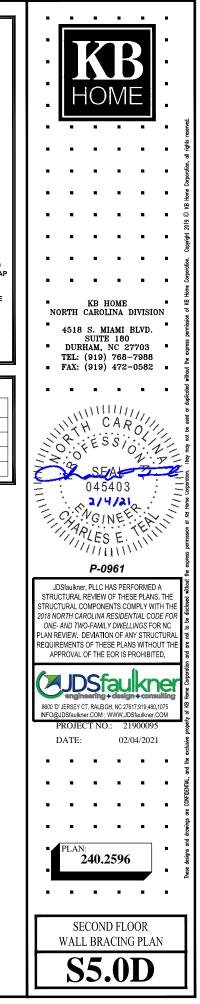


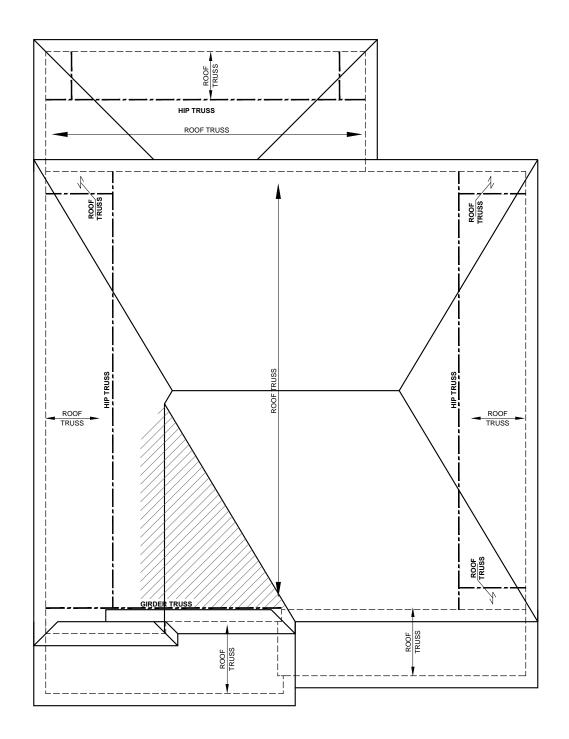
# SECOND FLOOR WALL BRACING PLAN - 'D'

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



WALL BRACING: RECTANGLE 1		
SIDE	REQUIRED LENGTH	PROVIDED LENGTH
FRONT	6.0 FT.	10.0 FT.
RIGHT	6.0 FT.	12.0 FT.
REAR	6.0 FT.	12.0 FT.
LEFT	6.0 FT.	14.6 FT.

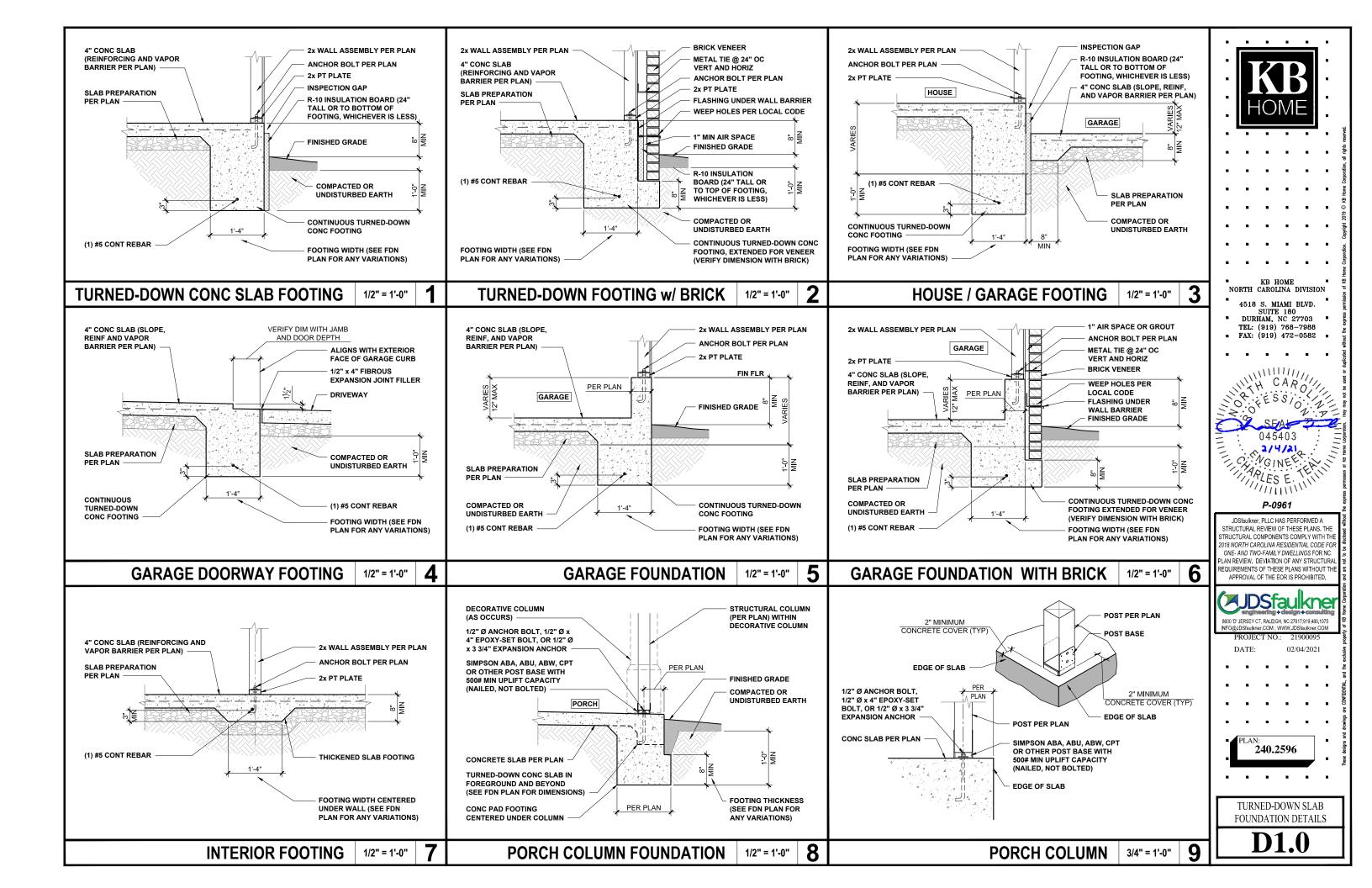


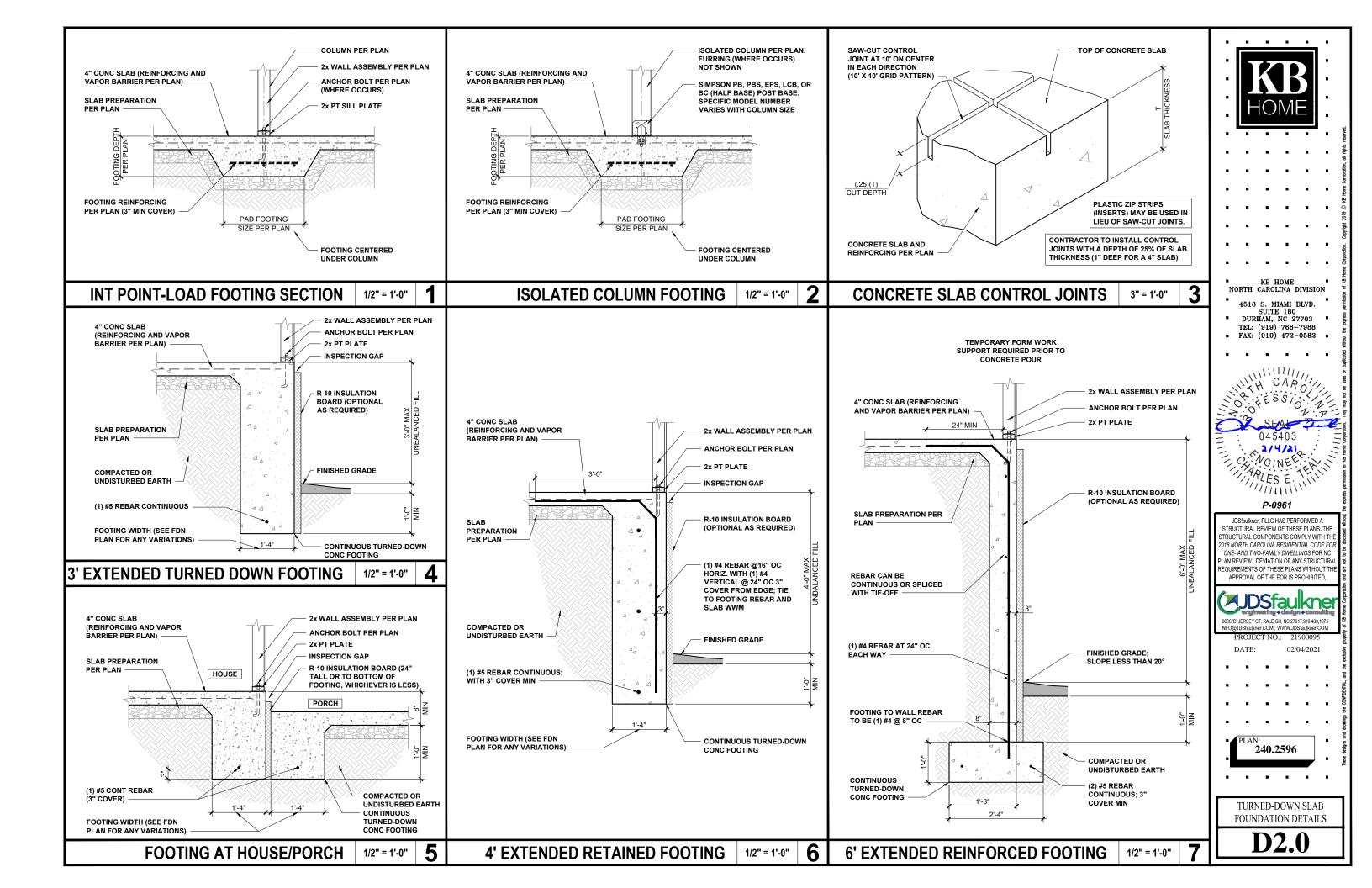


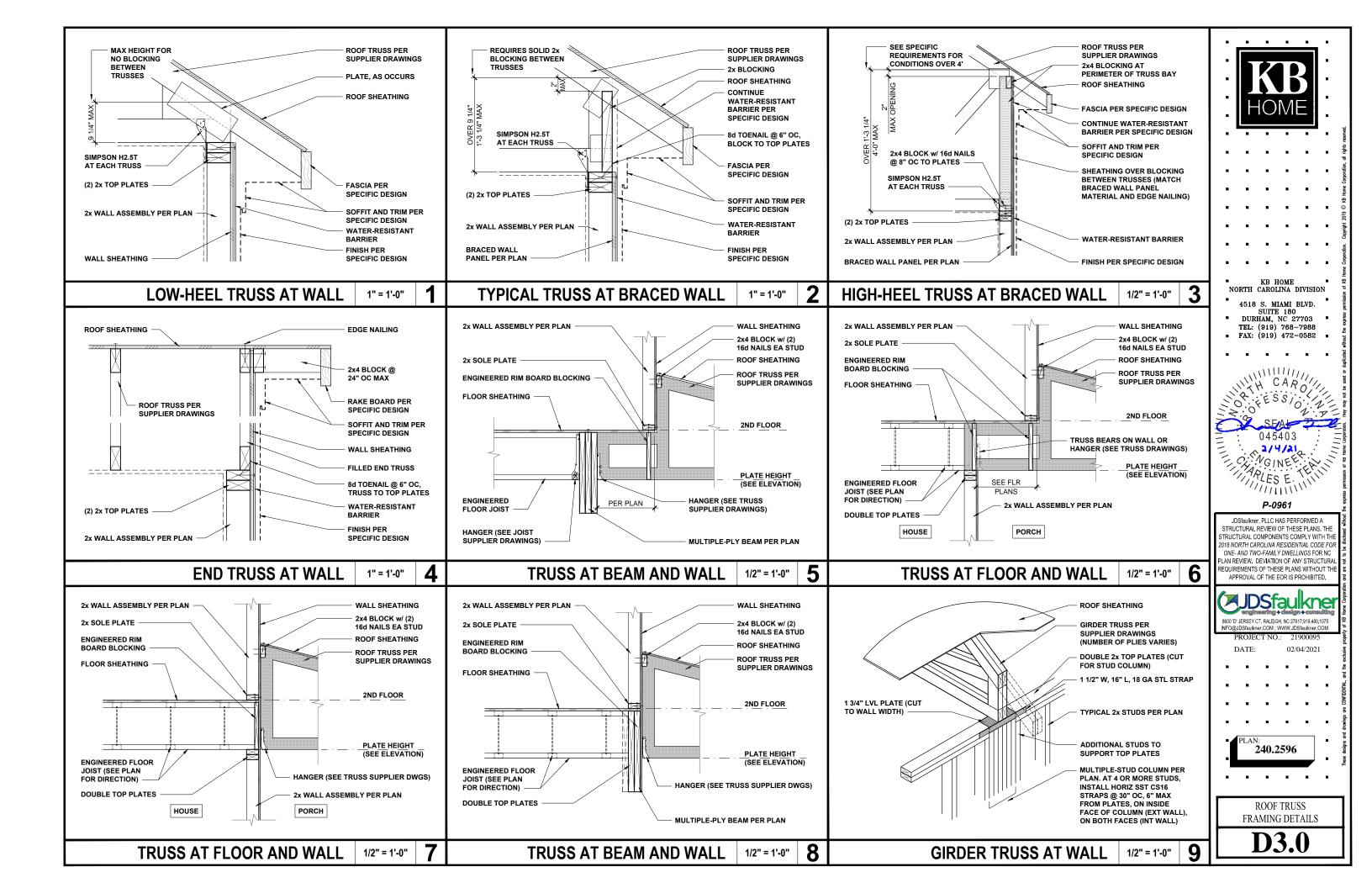
ROOF FRAMING PLAN - 'D'

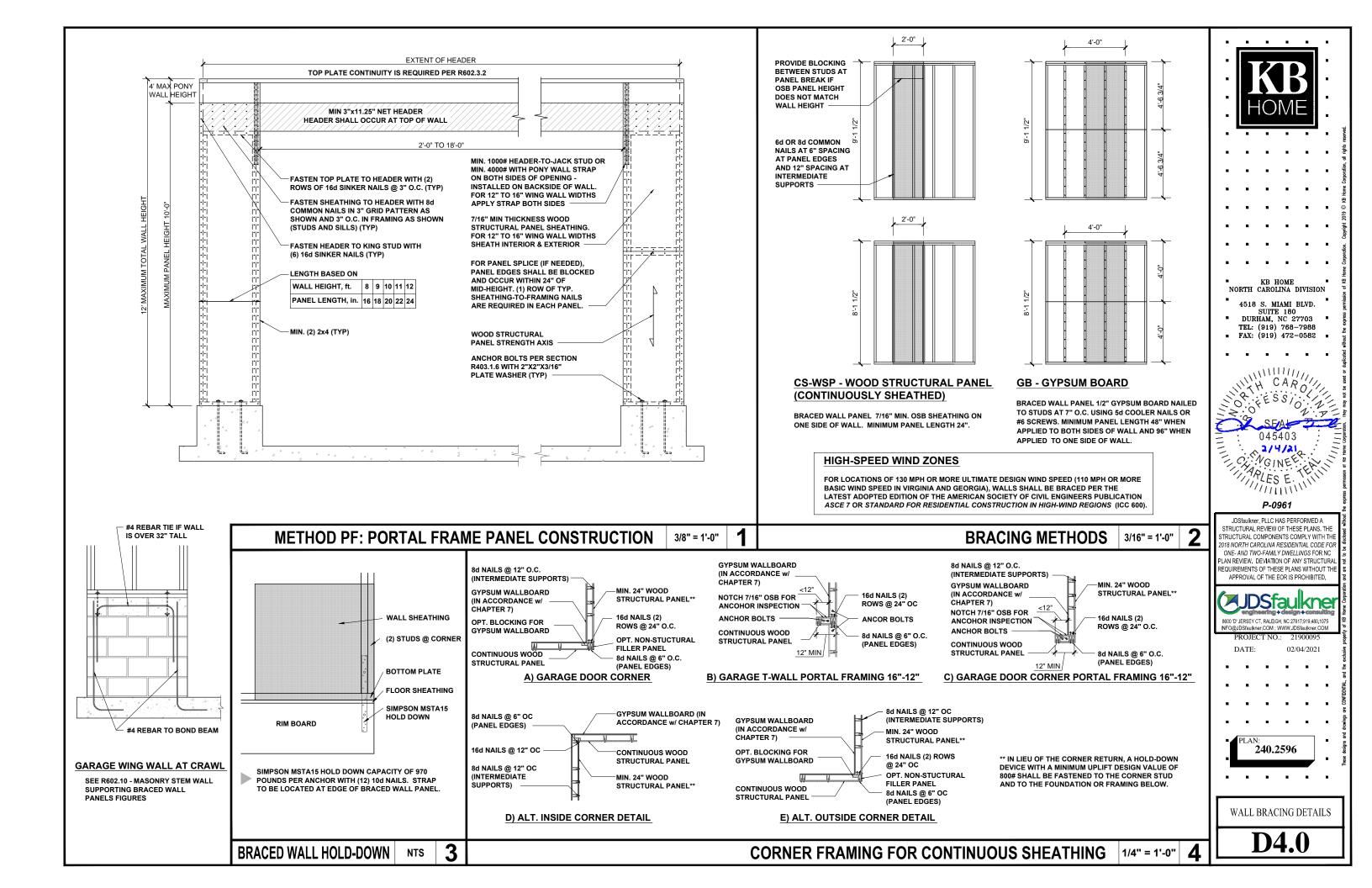
SCALE: 1/8"=1'-0"

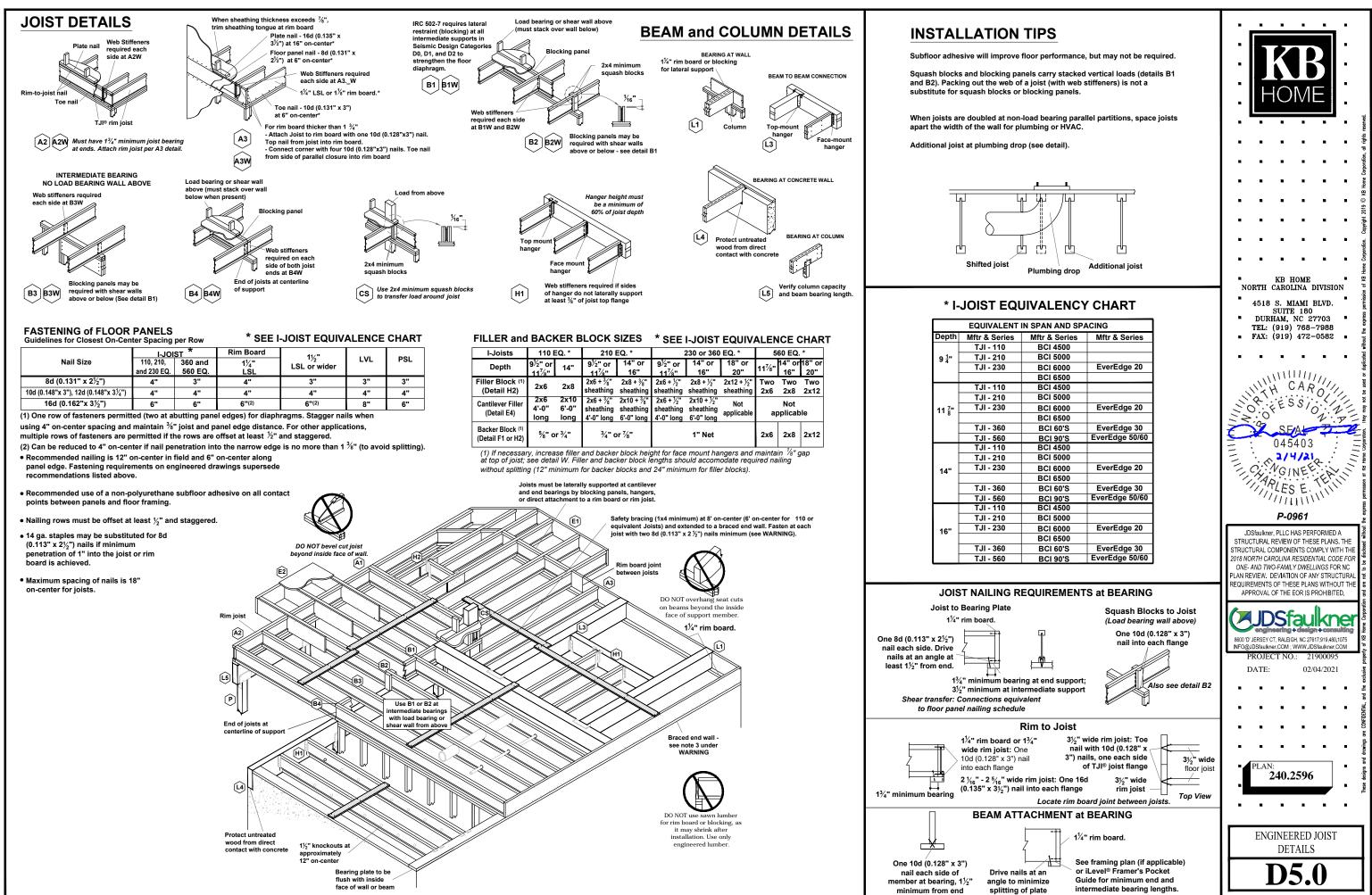
BEAM & POINT LOAD LEGEND	
INTERIOR LOAD BEARING WALL 	
STRUCTURAL BEAM / GIRDER     WINDOW / DOOR HEADER	
POINT LOAD TRANSFER     POINT LOAD FROM ABOVE	. HOME .
BEARING ON BEAM / GIRDER	e e e e e e e e e e e e e e e e e e e
TRUSSED ROOF - STRUCTURAL NOTES	oli rights
1. PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.	the contraction
2. DENOTES OVER-FRAMED AREA	8
3. MINIMUM 7/16" OSB ROOF SHEATHING	Copyright 2019 ©
4. TRUSS LAYOUT AND PLACEMENT BY MANUFACTURER TO COINCIDE WITH THE SUPPORT LOCATIONS SHOWN. TRUSS PROFILES SHALL BE SEALED BY THE TRUSS	thome Corporation. Copyri
MANUFACTURER. TRUSS PLANS TO BE COORDINATED WITH THE SEALED STRUCTURAL DRAWINGS. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S	KB HOME 😤
INSTRUCTIONS. 5. MANUFACTURER TO PROVIDE REQUIRED UPLIFT	4518 S. MIAMI BLVD.
CONNECTION. 6. PROVIDE H2.5A (MINIMUM) OR EQUIVALENT AT EACH TRUSS-TO-TOP PLATE CONNECTION AT OVER-FRAMED AREAS, UNLESS NOTED	BURHAM, NC 27703         BURHAM, NC 27703           TEL: (919) 768-7988         FAX: (919) 472-0582
OTHERWISE. 7. UPLIFT CONNECTION TO BE CARRIED THROUGH	s s s s s s s s s s s s s s s s s s s
TO FLOOR SYSTEM.	H CARO
TRUSS UPLIFT CONNECTORS: EXPOSURE B, 115 MPH, ANY PITCH, 24" O.C. MAX ROOF TRUSS SPACING	A HESS ON NHII
TRUSSES SHALL BE ATTACHED TO SUPPORT WALL FOR UPLIFT RESISTANCE. CONTINUOUS OSB WALL SHEATHING BELOW PROVIDES CONTINUOUS UPLIFT RESISTANCE TO FOUNDATION. ALL TRUSSES SUPPORTED BY INTERMEDIATE SUPPORT WALLS,	SEAL 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
KNEEWALLS, OR BEAMS SHALL BE ATTACHED TO SUPPORTING MEMBER PER SCHEDULE:	- CUNCINEED N
	SUPERIOR OF THE SUPERIOR OF TH
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NT IN SPAN AND SPACING			
es	Mftr & Series	Mftr & Series	
	BCI 4500		
	BCI 5000		
	BCI 6000	EverEdge 20	
	BCI 6500		
	BCI 4500		
	BCI 5000		
	BCI 6000	EverEdge 20	
	BCI 6500		
	BCI 60'S	EverEdge 30	
	BCI 90'S	EverEdge 50/60	
	BCI 4500		
	BCI 5000		
	BCI 6000	EverEdge 20	
	BCI 6500		
	BCI 60'S	EverEdge 30	
	BCI 90'S	EverEdge 50/60	
	BCI 4500		
	BCI 5000		
	BCI 6000	EverEdge 20	
	BCI 6500		
	BCI 60'S	EverEdge 30	
	BCI 90'S	EverEdge 50/60	