

EVISED	LOG NUMBER
	NCI804INCP
12, GNB, 5.1-5.4	NCIGOISNCP
3.B2, 3.C2, 3.D2, 5.I	NCIGOITNCP
43	NCI9032NCP
.A2+3, 3.BI+3+4, 3.CI+3+4, 3.DI+3+4, 7.I, 7.2, 8.I-8.6, 9.I, 9.2	NCI9054NCP
3.B2, 3.B5, 3.C2, 3.C4, 8.2, 8.4	NCI9057NCP
3.05	NC20003NCP
A2, 3.B2, 3.C2,3.D2, 3.D4, 3.D5	NC20008NCP
33, 3.B4, 3.B5, 3.B6, 3.B7, 3.D1, 3.D2, 3.D3, 3.D4, 3.D5,	NC200IBNCP
8.3, 8.4	NC200ITNCP
4.I, 5.3 Co	DRP20003C08
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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.
- 2. CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH THE FOLLOWING APPLICABLE CODE REQUIREMENTS:
 - A. ALL LANS, STATUTES, THE MOST RECENT BUILDING CODES, ORDINANCES, RULES, REGULATIONS, AND LANFUL ORDERS OF ALL PUBLIC AUTHORITIES HAVING URISDICTION OVER OMNER, CON-TRACTOR, ANY SUBCONTRACTOR, THE PROJECT, THE PROJECT STIE, THE WORK, OR THE PROSECUTION OF THE WORK.
 - B. THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT AND ALL OTHER APPLICABLE CODE REQUIREMENTS RELATING TO SAFETY.
 - C. THE FAIR HOUSING AMENDMENTS ACT, THE AMERICANS WITH DISA-BILITIES ACT, AND ALL OTHER APPLICABLE CODE REQUIREMENTS RELATING THERETO.
- 9. CONTRACTOR SHALL CAREFULLY STUDY AND REVIEW THE CONSTRUCTION DOCUMENTS AND INFORMATION FURNISHED BY OWNER, AND SHALL PROMPTLY REPORT IN MRITING TO OWNER'S REPRESENTATIVE ANY ERRORS, INCONSISTENCIES, OR OMISSIONS IN THE CONSTRUCTION DOCU-MENTS OR INCONSISTENCIES WITH APPLICABLE CODE REQUIREMENTS OBSERVED BY THE CONTRACTOR.
- 4. IF CONTRACTOR PERFORMS WORK WHICH HE KNOWS OR SHOLLD KNOW IS CONTRARY TO APPLICABLE CODE REQUIREMENTS, WITHOUT THE AGREEMENT OF OWNER, CONTRACTOR SHALL BE RESPONSIBLE FOR SUCH WORK AND SHALL BEAR THE RESULTANT LOSSES, INCLUDING, WITHOUT LIMITATION, THE COSTS OF CORRECTING DEFECTIVE WORK.
- 5. CONTRACTOR SHALL PROVIDE CERTIFICATES OF INSURANCE ACCEPTABLE TO OWNER PRIOR TO COMMENCEMENT OF WORK.
- 6. CONTRACTOR SHALL TAKE FIELD MEASUREMENTS, VERIFY FIELD CONDITIONS, AND CAREFULLY COMPARE NITH THE CONSTRUCTION DOCUMENTS SUCH FIELD MEASUREMENTS, CONDITIONS, AND OTHER INFORMATION 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 BECOMES AWARE DURING THE PERFORMANCE OF THE WORK THAT THE CONSTRUCTION DOCUMENTS ARE NOT IN COM-PLIANCE WITH APPLICABLE CODE REQUIREMENTS.
- 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.
- 9. SUB-CONTRACTORS SHALL INSURE THAT ALL WORK IS DONE IN A PROFESSIONAL WORKMANLIKE MANNER BY SKILLED MECHANICS AND SHALL REPLACE ANY MATERIALS OR ITEND DAMAGED BY SUB-CONTRACTOR'S PERFORMANCE. SUB-CONTRACTORS AND SUPPLIERS CONTRACTOR'S PERFORMANCE. SUB-CONTRACTORS AND SUPPLIERS ARE HEREBY NOTIFIED THAT THEY ARE TO CONFER AND COOPERATE FULLY WITH EACH OTHER DURING THE COURSE OF CONSTRUCTION TO DETERVINE THE EXACT EXTENT AND OVERLAP OF EACH OTHER'S WORK AND TO SUCCESSFULLY COMPLETE THE EXECUTION OF THE WORK. AND TO SUCCESSFULLY COMPLETE THE EXECUTION OF THE WORK. AND DIDER. ANY DORKMANSHIP SHALL BE OF QUALITY TO PASS INSPECTIONS BY LOCAL AUTHORITIES, LENDING INSTITUTIONS, ARCHITECT OR BUILDER. ANY DORE OR ALL OF THE ABOVE MENTIONED INSPECTORS MAY INSPECT WORKMANSHIP AT ANY TIME, AND CORRECTORS NEEDED TO ENHANCE THE QUALITY OF BUILDING WILL BE DORE IMPEDIATLY. EACH SUBCONTRACTOR, UNLESS SPECIFICALLY EXEMPTED BY THE TERMS OF HISHERS SUB-CONTRACT ARCEMENT, SHALL BE RESPONSIBLE FOR CLEANING UP AND REMOVING FROM THE JOB SITE ALL TRASH AND DEBRIS NOT LEFT BY OTHER SUB-CONTRACT ARCTORS. BUILDER WILL BETERMINE HOW SOON AFTER SUBCONTRACTOR COMPLETES EACH PHASE OF HIS WORK THAT TRASH AND DEBRACTOR COMPLETES EACH PHASE OF HIS WORK THAT TRASH AND DEBRIC DIRE REMOVED FROM THE SITE.
- IO. APPROVAL BY THE BUILDING INSPECTOR DOES NOT MEAN APPROVAL OR ALLONABLE FAILURE TO COMPLY WITH THE FLANG AND SPECIFICATIONS. ANY DESION WHICH FAILS TO BE CLEAR OR IS AMBIGUOS MUST BE REFERRED TO THE ARCHITECT OR ENGINEER 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.
- 12. 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.
- IS. CONSTRUCTION DOCUMENTS IDENTIFIED AS "BID SET" ON ANY OR ALL SHEETS MAY BE SUBJECT TO REVIEW, THIS REVIEW MAY RESULT IN CHANGES WHICH MAY BE MADE TO THE PLANS PRIOR TO THE ISSUACE OF THE FINAL CONSTRUCTION SET WHICH WILL CONTAIN NO "BID SET" DESIGNATIONS. CONSTRUCTION DOCUMENTS IDENTIFIED AS "BID SET" AREN OT TO BE CONSTRUCT AS BEING THE COMPLETED OR FINAL DRAWINGS AND THEY SHOULD NOT IN ANY WAY BE USED AS SUCH.
- ALL STANDARD NOTES CONTAINED HEREIN ARE TYPICAL UNLESS NOTED OTHERWISE.
- 15. TYPICAL DETAILS AND SPECIFICATIONS ARE MINIMUM REQUIREMENTS TO BE USED WHEN CONDITIONS ARE NOT SHOWN OTHERWISE.
- 6. 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 DRANINGS FOR PITS, TRENCHES, ROOF OPENINGS, DEPRESSIONS, ETC. NOT SHOWN ON THE OTHER DRAWINGS.
- 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

- I. CONTRACTOR SHALL INVESTIGATE SITE DURING CLEARING AND EARTHWORK OPERATIONS FOR FILLED EXCAVATIONS OR DURIED STRUCTURES SUCH AS CESSPOOLS, CISTERNS, FOUNDATIONS, ETC., AND BURIED ARTIFACTS SUCH AS INDIAN OR DINOSAUR BONES. IF ANY SUCH ITEMS ARE FOUND THE ARCHITECT, CIVIL ENGINEER, AND SOILS ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
- CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO FULLY PROTECT ADJACENT PROPERTIES.
- REFER TO THE SOILS REPORT AS PREPARED BY THE GEOTECHNICAL 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.
- MHERE EXCAVATIONS ARE MADE TO A DEPTH GREATER THAN INDICATED, SUCH ADDITIONAL DEPTH SHALL BE FILLED WITH CONCRETE AS SPECIFIED FOR FOOTINGS.
- 10. FILL MATERIALS SHALL BE FREE FROM DEBRIS, VEGETABLE MATTER AND OTHER FOREIGN SUBSTANCES.
- ALL FINISH GRADES TO DRAIN AWAY FROM THE BUILDING FOOTINGS
 THERE SHALL BE NO ON-SITE WATER RETENTION.
- 13. THERE SHALL BE NO DRAINAGE TO ADJACENT PROPERTY
- 14. FOR ONSITE CONTSRUCTION, PLANS TO COMPLY WITH NECESSARY INSPECTIONS APPROVED BY THE BUILDING OFFICIAL.
- 15. THE REQUIREMENTS IN THESE NOTES ARE THE MINIMUM THAT SHALL BE MET, REQUIREMENTS OF THE STRUCTURAL DRAMINGS THAT EXCEED THE REQUIREMENTS SHOWN HERE SHALL BE MET.

CONCRETE

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- I. REFER TO STRUCTURAL ENGINEERING CALCULATIONS AND SOILS REPORT FOR THE PERFORMANCE REQUIREMENTS FOR CONCRETE FOUNDATIONS.
- CONCRETE SHALL BE PROPORTIONED TO PROVIDE AN AVERAGE 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.
- 4. THE DEPOSITING OF CONCRETE SHALL COMPLY WITH THE PROVISIONS ACI 318, SECTION 5.10.
- 5. THE CURING OF CONCRETE SHALL BE IN ACCORDANCE WITH ACI 318, SECTION 5.11.
- ALL FORM WORK SHALL BE DESIGNED, CONSTRUCTED, UTILIZED, AND REMOVED.
- CONDUIT, PIPES AND SLEEVES OF ANY MATERIAL NOT HARMFUL TO CONCRETE AND MITHIN THE LIMITATIONS OF ACI 316, SECTION 6.3, ARE PERMITTED TO BE EMEEDED 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
- IO. TOP OF CONCRETE SLABS TO BE A MINIMUM 4" W/ MASONRY VENEER 6" ELSEMHERE (8" H.J.D.) ABOVE FINISH GRADE.
- 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, SLEEVES, BOLTS OR OTHER REMEDIDED MATERIALS AND ITEMS MUST BE SECURED AND APPROPRIATELY FASTENED IN THEIR PROFENSION LOCATIONS PRIOR TO THE PLACEMENT OF CONCRETE. SUB-CONTRACTOR SHALL VERITY INSTALLATION OF HOLD-DOWNS, ANCHOR BOLTS, PA STRAPS, AND OTHER ANCHORAGE MATERIAL AND ITEMS PRIOR TO PLACEMENT OF CONCRETE.
- 13. POST-TENSION SLABS, IF APPLICABLE:
- A. POINT AND LINE LOADS FROM STRUCTURE ABOVE TO BE PROVIDED TO POST-TENSION ENGINEER PRIOR TO POST-TENSION DESIGN.
- B. ANCHOR BOLTS AND OTHER HARDWARE TO BE SHOWN ON POST-TENSION PLANS TO AVOID MIS-LOCATION OF HARDWARE AND POSSIBLE FILED FIXES WHICH MAY CUT TENDONS.

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 ACI 530/ASCE 51/MIS 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
- 4. MORTAR FOR USE IN MASONRY CONSTRUCTION SHALL COMPLY WITH ASTM C 270, THE TYPE OF MORTAR SHALL BE IN ACCORDANCE WITH THE N.C.-R AND SHALL MEET THE PROPORTION 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 FER 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) 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 IN A RUNNING BOND PATTERN.
- 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.
- 2. ALL STRUCTURAL STEEL SHALL CONFORM TO AISC/CRED
- 3. 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 SHALL BE SUFFICIENT TO FULLY ENGAGE THE THREADS OF THE UNTS, BUT SHALL NOT BE GREATER THAN THE LENGTH OF THE THREADS ON THE BOLTS
- 4. FASTENERS FOR PRESERVATIVE-TREATED AND FIRE-RETARDANT-TREATED WOOD SHALL BE OF HOT-DIPPED ZINC COATED GALVANIZED STEEL, STAINLESS STEEL, SILCON REVOLZE OR COPPER. VERITY ACCEPTABLE FASTENERS PER CHEMICALS USED IN PRESSURE PRESERVITIVELY TREATED WOOD W.N.C.-R. FASTENINGS FOR WOOD FOUNDATIONS SHALL BE AS REQUIRED IN AF4PA TECHNICAL REPORT NO. T.

WOOD & FRAMING

LUMBER

- I. 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 MITH TABLE R302.1.
- 3. ALL LUMBER SHALL MEET THE STANDARDS OF QUALITY AS STATED IN THE N.C.-R
- 4. LUMBER AND FLYWOOD REQUIRED TO BE PRESSURE PRESERVATIVELY TREATED IN ACCORDANCE WITH THE N.C.-R AND SHALL BEAR THE GUALITY MARK OF AN APPROVED INSPECTION ACENCY THAT MAINTAINS CONTINUING SUPERVISION, TESTING AND INSPECTION OVER THE GUALITY OF THE PRODUCT AND THAT HAS BEEN APPROVED BY AN ACCREDITATION BODY THAT COMPLIES NITH THE REQUIREMENTS OF THE AMERICAN LUMBER STANDARD COMMITTEE TREATED WOOD PROGRAM.
- ALL LUMBER SIZES NOTED AND SPECIFIED ON PLANS ARE NOMINAL SIZES UNLESS SPECIFICALLY INDICATED AS NET SIZE.

GLUE LAMINATED LUMBER

1.

- REFER TO THE STRUCTURAL ENGINEER'S CURRENT NOTES, CALCULATIONS, AND SPECIFICATIONS.
- GLUED LAMINATED TIMBERS SHALL BE MANUFACTURED AND IDENTIFIED AS REQUIRED IN AITC AI90.1 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 DURABLE NOOD OR NOOD THAT IS PRESERVATIVE TREATED IN ACCORDANCE WITH ANPA UI FOR THE SPECIES, PRODUCT, PRESERVATIVE AND END USE. PRESERVATIVES SHALL BE LISTED IN SECTION 4 OF ANPA UI
- WOOD JOISTS OR THE BOTTOM OF WOOD FLOOR WHEN CLOSER THAN IS INCHES, OR WOOD GIRDERS WHEN CLOSER THAN I2 INCHES TO THE EXPOSED GROUND IN CRANL SPACES OR UNEXCAVATED AREAS LOCATED WITHIN THE PERIPHERY OF THE BUILDING FOUNDATION.
- 2. 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 SEPARATED FROM THE GROUND BY AN APPROVED IMPERVIOUS MOISTURE BARRIER.
- 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.
- 6. WOOD STRUCTURAL MEMBERS SUPPORTING MOISTURE-PERMEABLE FLOORS OR ROOFS THAT ARE EXPOSED TO THE WEATHER, SUCH AS CONCRETE OR MASORRY SLADS, UNLESS SEPARATED FROM SUCH FLOORS OR ROOFS BY ANIMPERVIOUS MOISTURE BARRIER.
- WOOD FURRING STRIPS OR OTHER WOOD FRAMING MEMBERS ATTACHED 2. DIRECTLY TO THE INTERIOR OF EXTERIOR MASONRY WALLS OR CONCRETE WALLS BELON GRADE EXCEPT WHERE AN APPROVED VAPOR RETARDER IS APPLIED BETWEEN THE WALL AND THE FURRING 3. STRIPS OR FRAMING MEMBERS.
- 8. 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.
- 3. IN AREAS SUBJECT TO DAMAGE FROM TERMITES METHODS OF PROTECTION SHALL BE ONE OF THE METHODS LISTED IN THE N.C.-R
- 4. UNDER-FLOOR AREAS SHALL BE VENTILATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE N.C.-R

<u>NOOD & FRAMING</u> (continued)

(continuea

FLOOR FRAMING

ROOF FRAMING

MALL FRAMING

2

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 NC-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 MEMBERG 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 UNDERLAYMENT AND SHALL BE PER SECTION REGG OF THE NORTH CAROLINA RESIDENTIAL CODE. MHERE THE FROPERTY 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 FOR SIZE, SPACING, AND ANCHORAGE OF ALL FLOOR JOISTS, SIZE, LOCATION, 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.

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

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 WITH THE N.C.-R

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 CORRES AND INTERSECTIONS 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 MOMINAL THICKNESS AND

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 IMEMERS SHALL BEAR WITHIN 5 INCHES OF THE STUDS BENEATH. SEE EXCEPTIONS.

INTERIOR NONREARING WALLS SHALL BE PERMITTED TO BE CONSTRUCTED

INITEXICK NORBEAKING WALLS SHALL BE PERMITED TO BE CONSTRUCT WITH 2-INCH-BY-3-INCH STIDS SPACED 24 INCHES ON CONTEX OR, WHEN NOT A PART OF A BRACED WALL LINE, 2-INCH-BY-4-INCH FLAT STIDS SPACED IG INCHES ON CENTER, INTERIOR NORBEARING WALLS SHALL BE

CAPPED WITH AT LEAST & SINGLE TOP PLATE INTERIOR NONREARIN

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

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.

THE BRACING OF WOOD TRUSSES SHALL COMPLY TO THEIR APPROPRIATE ENGINEERED DESIGN, PER 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 NOTHCING OF STUDS SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

- NOTHCING, ANY STUD IN AN EXTERIOR WALL OR BEARING PARTITION MAY BE CUT OR NOTCHED TO A DEPTH NOT EXCEEDING 25 PERCENT OF ITS WIDTH. STUDS IN NONBEARING PARTITIONS MAY BE NOTCHED TO A DEPTH NOT TO EXCEED 40 PERCENT OF A SINGLE STUD WIDTH. NOTCHING OF BEARING STUDS SHALL BE ON NOR EDGE ONLY AND NOT TO EXCEED ONE-FOURTH THE HEIGHT OF THE STUD. NOTCHING SHALL NO CACUR 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 50'S' 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 (LOSE AS I 1/2 INCHES ON CENTER SPACING. STUDS LOCATED IN EXTERIOR NALLS OR BEARING PARTITIONS DRILLED OVER 40 PERCENT AND UP TO 60 PERCENT SHALL ALGO BE DOUBLED WITH NO MORE THAN TWO SUCCESSIVE DOUBLED STUDS BORED.
- CUTTING AND NOTCHING OF STUDS SHALL BE PERMITTED TO BE INCREASED TO 65 PERCENT OF THE NIDTH OF THE STUD IN EXTERIOR AND INTERIOR WALLS 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 CELLING AND AT LEAST ONE STUD FURTHER ON EACH SIDE OF THE SECTION THAT HAS BEEN NOTCHED OR CUT.
 (b) THE EXTERIOR MALLS OF A KITCHEN MAY BE REINFORCED BY PLACING 1/2-INCH PLYWOOD OR EQUIVALENT REINFORCED DY PLACING 1/2-INCH PLYWOOD OR EQUIVALENT REINFORCED DY PLACING 1/2-INCH PLYWOOD OR EQUIVALENT REINFORCED DY THE NOTCHED SIDE OF THE WALL. PLYWOOD, IF USED, SHALL REACH FROM THE FLOOR TO COUNTER TOP HEIGHT AND AT LEAST ONE STUD FURTHER ON EACH SIDE OF THE SECTION THAT HAS BEEN NOTCHED OR CUT.
- WHEN PIPING OR DUCTWORK IS PLACED IN OR PARTIALY IN AN EXTERIOR OR INTERIOR LOAD-BEARING WALL, NECESSITATION CUTTING, DRILLING OR NOTCHING OF THE TOP PLATE B MORE THAN 0.054 INCHT OF ITS NIDTH A GALVANIZED METAL TIE OF NOT LESS THAN 0.054 INCH THICK AND I 1/2" INCHES WIDE SHALL BE FASTENED ACROSS AND TO THE FLATE AT EACH SIDE OF THE OPENING WITH NOT LESS THAN EIGHT IOD NAILS HAVING A MINIMUM LENGTH OF I 1/2 INCHES (30 MM) OF 6 INCHES PIDE OR EQUIVALENT. THE METAL TIE MOT EXTEND A MINIMUM OF 6 INCHES PAST THE OPENING.
- 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
- UALESS COVERED BY INTERIOR OR EXTERIOR WALL COVERINGS OR SHEATING MEETING THE MINIMUM REQUIREMENTS OF THIS CODE, ALL STUD PARTITIONS OR WALLS 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 SNULLY AND NAILED THERETO TO PROVIDE ADEQUATE LATERAL SUPPORT.

FIRE BLOCKS AND DRAFT STOPS

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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 REVOIDED IN WOOD-FRAME CONSTRUCTION IN THE LOCATIONS SPECIFIED IN THE N.C.-R

FIRE BLOCKING SHALL CONSIST OF 2 INCHES NOMINAL LUMBER, OR TWO THICKNESSES OF I-INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS, OR ONE THICKNESS OF 23/32-INCH MOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 23/32-INCH MOOD STRUCTURAL PANELS OR ONE THICKNESS OF 3/4-INCH PARTICLEBOARD WITH JOINTS BACKED BY 3/4-INCH PARTICLEBOARD, I/2-INCH GYPSOM BOARD, OR I/4-INCH CEMENT-BASED MILLBOARD,

BATTS OR BLANKETS OF MINERAL WOOL OR GLASS FIBER OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO BE 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 FERMITTED FOR COMPLIANCE WITH THE IO FOOT HORIZONTAL FIREBLOCKING IN MALLS CONSTRUCTED USING PARALLEL RONG 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 (JOO 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 BELOW, DRAFTSTOPPING SHALL BE PROVIDED IN FLOOR/CEILING ASSEMBLIES UNDER THE FOLLOWING CIRCUMSTANCES.

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

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 ARE REQUIRED.



40' SERIES

THERMAL & MOISTURE

PROTECTION

- PROVIDE ALL FLASHING, COUNTER-FLASHING, BITUTHENE, MEMBRANE WATERRROOFING, SHEET METAL, CALLKING, SEALANTS, ELASTOMERIC WALKING SURFACES, AND RAIN GUITERS 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 ROOPS AND SIMILAR SURFACES EXPOSED TO THE NEATHER AND SEALED UNDER-NEATH SHALL BE MATERPROPED 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 PER 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 over-flows 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 AN DAMPPROOFED IN ACCORDANCE WITH THE N.C.-R
- PARAPET WALLS SHALL BE PROPERLY COPED WITH NONCOMBUSTIBLE, MEATHERPROOF MATERIALS OF A NIDTH NO LESS THAN THE THICKNESS OF THE PARAPET WALL. PARAPET COPING SHALL EXTEND 2" MINIMUM DOWN THE FACES OF THE PARAPET.

FLASHING

- AFTROVED CORROSION-RESISTANT FLASHING SHALL BE APPLIED SHINGLE-FASHION IN A MANNER TO PREVENT ENTRY OF WATER INTO THE WALLI 2: CAVITY OR FENETRATION OF WATER TO THE BUILDING STRUCTURAL FRAMING COMPORENTS. SELF-ADHERED MEMBRANES USED AS FLASHING SHALL COMPLY WITH AAMA 711. FLUID-APPLIED MEMBRANES USED AS FLASHING SHALL EXTERIOR WALLS SHALL COMPLY WITH AAMA 714. THE FLASHING SHALL EXTERIOR WALLS SHALL COMPLY WITH AAMA 714. THE FLASHING SHALL EXTERIOR WALLS SHALL COMPLY WITH AAMA 714. THE FLASHING SHALL EXTERIOR TO THE SURFACE OF THE EXTERIOR WALL FINISH. ALUMINM FLASHING SHALL NOT BE USED IN CONTACT WITH FIBER CENERY MATERIAL, EXCEPT AT CONTRER FLASHING. APPROVED CORROSION-RESISTANT FLASHING SHALL DE IN 12 WITS HORIZONTAL (2-1/2:12) TO FOUR WITS VERTICAL IN 12 WITS HORIZONTAL (4-12) DOBLE WIDERLATHENT 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.019-INCH (NO. 26 SHEET METAL GAGE) CORROSION-RESISTANT METAL AND CAULKED.
- ALL SHEET METAL WORK SHALL BE PERFORMED IN ACCORDANCE ALL DITLE ITELI TORN DITALL BE FEN UNITED IN ACCOMPANY WITH THE RECOMMENDATIONS AND STANDARDS OF THE SHEET METAL AND AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION (SMAC.N.A.), THE ARCHITECTURAL SHEET METAL MANNAL, MD SEALANT, WATERROOFING AND RESTORATION INSTITUTE'S (SMR.I.) GUIDE -"SEALANTS THE PROFESSIONAL'S GUIDE".
- SHEET METAL SHALL BE STEEL SHEET, HOT-DIPPED, TIGHT COATED AND GALVANIZED, CONFORMING TO AS.T.M. A525 AND SHALL BE A NUMBER 24 SHEET METAL GAGE UNLESS OTHERWISE NOTED IN THESE NOTES, FLANS, OR MANUFACTURER'S SPECIFICATIONS. 5.
- 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 WATER-PROOF, WEATHER 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 MINIMM MOMINAL OO/04-INCH THICKNESS OR MINERAL SURFACE ROLL ROOFING HEIGHING A MINIMM 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 MANUFACTURER'S 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 ANT CHIMNEY OR PENETRATION MORE THAN BO INCHES MIDE AS MEASURED PERFENDILAR TO THE SLOPE. CRICKET OR SADDLE COVERINGE SHALL BE SHEET METAL OR OF THE SAME MATERIAL AS THE ROOF COVERING. PROVIDE FLASHING AT THE INTERCENTION 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 VENT PIPE AND CHIMNEY ELASHIN SHALL BE APPLIED ACCORDING TO THE ALT SHINGLE MANUFACTURER'S PRINTED INSTRUCTIONS
- AT THE JUNCTURE OF ROOF VERTICAL SURFACES, FLASHING AND COUNTERFLASHING SHALL BE PROVIDED IN ACCORDANCE WITH TH 15. THE 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 SHIPMENTS OF MATERIALS SHALL BE ACCOMPANIED BY THE SAME INFORMATION ISSUED 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 TTFE I, ASTM D 4864, TTFE I, OR ASTM D 6151. 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 GASE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, ASTM F 1667, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIALS AND A MINIMUM OF 3/4 INCH INTO THE ROOF SHEATHING. WHERE THE ROOF SHEATHING IS 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 REQUIRED BY THE MANUFACTURER. FOR NORMAL APPLICATION, ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF NITH 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 ACCORDANCE 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 167.

SLOPES OF 2 1/2 WITS VERTICAL IN IZ WITS HORIZONTAL (2-1/2:12) OR GREATER. FOR ROOF SLOPES FROM 2 1/2 WITS VERTICAL IN 12 WITS HORIZONTAL (2-1/2:12) TO FOUR WITS VERTICAL IN 12 WITS HORIZONTAL (4-12), DOUBLE WDERLATHENT 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. NAILS SHALL BE CORROSION REDSTAINT AND NOT LESS THAN II GAGE, SIG-INCH HEAD, AND OF SUFFICIENT LENGTH TO FENETRATE THE DECK A MINIMUM OF 3/4-INCH OR THROUGH THE THICKNESS OF THE DECK, WHICHEVER IS LESS. ATTACHING WIRE FOR CLAY OR CONCRETE TILE SHALL NOT BE SMALLER THAN 0/083-INCH. FERMETER FASTENING AREAS INCLUDE THREE TILE CORRESE BUT NOT LESS THAN 36 INCHES FROM EITHER SIDE OF HIPS OR RIDGES AND EDGES OF EAVES AND GABLE RAKES.
- CLAY AND CONCRETE ROOF TILES SHALL BE FASTENED IN ACCORDANCE WITH THE N.C.-R 17.
- TILE SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS, BASED ON CLIMATIC CONDITIONS, ROOF SLOPE, UNDERLATMENT SYSTEM, AND TYPE OF TILE BEING 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

14

- 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 MAINER 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. THE EXTERIOR WALL ENVELOP

- FIBER CEMENT SIDING CONFORMING TO THE REQUIREMENTS OF THE N.C.-R. 44 COMPLYING WITH ASTM D 3674 SHALL BE FERMITTED ON EXTERIOR WALLS OF BUILDINGS OF TYPE V CONSTRUCTION LOCATED IN AREAS WHERE THE SULTIMATE WIND SPEED SPECIFIED DOES NOT EXCEED LOO MILES PER HOUR AND THE BUILDING HEIGHT IS LESS THAN 40 FEET IN EXPOSITE 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 MUST BE SUBMITTED. FIBER CEMENT SIDING SHALL DE SECURED TO BUILDING HOR DROVIDE WEATHER FROTECTION FOR THE EXTERIOR WALLS OF THE BUILDING.
- 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 A1356 AND, MHERE USED STRUCTURALLY, SHALL BE SO IDENTIFIED BY THE LABEL OF AN APPROVED AGENCY.
- MOOD 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 TONGUE-AND-GROOVE 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 MITH NC-R. LAP SIDING CONSESS 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 MEMBRANES, INSTALLED WITHIN FLOOR-CELLING ASSEMBLIES, ROOT-CELLING ASSEMBLIES, MALL-ASSEMBLIES, CRANL SPACES AND ATTICS SHALL HAVE A FLAME-SPREAD INDEX NOT TO EXCEED 25 WHEN TEGTED IN 16 STOKE-DEVELOPED INDEX NOT TO EXCEED 25 WHEN TEGTED IN 16 STOKE-INDEX NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723
- DUCT INSULATION MATERIALS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS OF THE N.C.-R 2.
- 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. CELECTION INSULATION PACLE CONTROL CONTROL THIN OF SO THE CFR, PARES 1204 AND 1404. EACH PACKAGE OF SUCH INSULATING MATERIAL SHALL BE CLEARLY LABELD IN ACCORDANCE WITH CPSC 16 CFR, PARTS 1204 AND 1404.
- INSULATION IN FLOOR-CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLIES, WALLS, CRANL 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, GASKETED, MEATHERSTRIPPED OR OTHERINGE SEALED WITH AN AIR BARRIER MATERIAL OR SOLID MATERIAL CONSISTENT WITH APPENDIX E-23 AND E-24 OF THE NC-R. I. BLOCKING AND SEALING FLOOR/CELING SYSTEMG AND UNDER KHER WAIL IS GREN TO UNC ONDITIONED OR EXTERIOR SEALED

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 MATERIAL, OR AN AIR BARRIER MATERIAL, WALL INSULATION SHALL BE ENCLOSED AT THE FOLLOWING LOCATIONS WHEN INSTALLED ON EVTED WALLS BEING CONFERED BY SIDESCITE. 10. NSTALLED ON EXTERIOR WALLS PRIOR TO BEING COVERED BY SUBSEC 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 SLEEPING PURPOSES SHALL NOT BE PERMITTED. OTHER OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL EQUIPPED WITH SOLID WOOD DOORS NOT LESS THAN I 3% INCHES IN THICKINESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS
- NO DOUBLE FRENCH DOORS SHALL BE USED UNLESS THERE IS A SUFFICIENT OVERHANG OR COVERED PATIO COVERING THESE DOORS. NO DOUBLE WOOD FRENCH DOORS SHALL BE USED IN ANY CASE.
- PROVIDE SECURITY HARDWARE FOR ALL DOORS AND WINDOWS ANCE 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 REEVENT 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 AR 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 SHAL HAVE AT LEAST ONE OPENABLE EMERGENCY ESCAPE AND RESCUE OPENING
 - WHERE EMERGENCY ESCAPE AND RESCUE OPENINGS ARE PROVIDED THEY SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44 INCHES ABOVE 8. THE FLOOR
 - EMERGENCY ESCAPE AND RESCUE OPENINGS WITH A FINISHED SILL HEIGHT BELOW THE ADJACENT GROUND ELEVATION SHALL BE PROVIDED WITH A WINDOW WELL

DOORS & WINDOWS (continued)

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMA 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.
- L EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMUM T 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 OR 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 INNOVA WELL SHALL ALLOW HERREFEVCY ESCAPE AND RESCLE 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 EMERGENCY ESCAPE AND RESCUE OPENNES, BULKHEAD ENCLOSURES, OR WINDOW WELLS THAT SERVE SUCH OPENNES, PROVIDED THE MINIMUM NET CLEAR OPENNES SUE COMPLIES 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 WICH IS REQUIRED FOR NORMAL OPERATION OF THE ESCAPE AND RESCUE OPENING
- ALL INTERIOR EGRESS DOORS AND A MINIMUM OF ONE EXTERIOR EGRESS The interval barkess docted and a minimum of one exterior egges door shall be readule 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 IN NINDOKS 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, WHICH IS VISIBLE IN THE FINAL INSTALLATION. THE DESIGNATION SHALL BE ACID ETCHED, SANDBLASTED, CERAMIC-FIRED, LASER ETCHED, ENBOSSED, OR BE OF A TYPE WHICH ONCE APPLIED CANNOT BE REMOVED WITHOUT BHILLS DESTROYED. 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 DERABLE PARLES OF STIGHTS, SLIDING AND BIFOLD DOORS SLIZING IN AN INDIVIDUAL FIXED 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 BOTTON EDGE IS LESS THAN SO 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 ROOLS, HOT TUBS AND SPAS WHERE THE BOTTOM EDGE O 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 SURFACE OF THE GLAZING IS LESS THAN 36 INCHES ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE.

GLAZING ADJACENT TO THE LANDING AT THE BOTTOM OF STAIRWAYS WHERE 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.

HINGED SHOWER DOORS SHALL OPEN OUTWARD.

CONSERVATION CODE.

GLAZING SHALL BE IN ACCORDANCE WITH ENERGY COMPLIANCE

THE MODEL ENERGY CODE OR THE INTERNATIONAL ENERGY

SECTIONS OF WINDOWS SHALL NOT PERMIT OPENING

CALCULATIONS BASED ON A LOCALLY ADOPTED ENERGY CODE

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

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

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

IN DALLING WITH, MENL THE OFFICIENT OF AN OFFICIALLY MIDDAN FRADE LOCATED MORE THAN 72 INCHES (1824 MM) ABOVE THE FINISHED GRADE OR SURFACE BELOW, THE LOWEST PART OF THE CLEAR OPENING OF THE WINDOW SHALL BE A MINIMUM OF 24 INCHES (6/0 MM) ABOVE THE FINISHED

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

VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE.

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 GYPSUM BOARD MATERIALS AND ACCESSORIES SHALL CONFORM TO ASTM C 22, C 475, C 514, C 1002, C 1041, C 117, C 1175, C 1279, C 1366, AND SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THE NC.-R ADMENUES FOR THE INSTALLATION OF GYPSUM BOARD SHALL CONFORM TO ASTM C 557.

GYPSUM BOARD MATERIALS SHALL CONFORM TO THE APPROPRIATE STANDARDS LISTED IN THE N.C.-R WHERE REQUIRED FOR FIRE PROTECTION, CONFORM TO THE N.C.-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 PERPENDICULAR 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.

EASTENERS AT THE TOP AND BOTTOM PLATES OF VERTICAL ASSEMBLIES FADENCES AT THE TOP AND BOTTOM PLATES OF VEHICAL 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 SHALL 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 SITESINE BUARD USED AS THE BURGE ON BUALLER TO A RUTESIVE APPLICATION OF CERAMIC TILE OR OTHER REQUIRED NON-ABSORBENT FINISH MATERIAL SHALL CONFORM TO ASTM C 1996, C 1175 OR C1275. USE OF WATER-RESISTANT GYPENM BACKING BOARD SHALL BE PERMITTED ON 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 SYPSUM BACKING BOARD SHALL NOT BE USED WHERE THERE WILL BE DIRECT EXPOSURE TO WATER, OR IN AREAS SUBJECT TO CONTINUOS HIGH HUMDITY.

WHEN APPLYING A WATER-BASED TEXTURE MATERIAL. THE MINIMUM AND A AFE ING AN AN LEARNAGED LEARNE MALENNE, THE MINIMUM GYPSUM BOARD THICKES 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 OTHERNISE, ALL NALL COVERNISS SHALL BE SECURELY 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 0.014-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 WALLS IN ACCORDANCE WITH ASTM C 926. THE HEEP SCREED SHALL BE PLACED A MINIMUM OF 4 INCHES ABOVE THE EARTH OR 2 INCHES ABOVE PLAYED AREAS AND SHALL BE OF A TYPE THAT WILL ALLOW TRAPPED WATER TO DRAIN TO THE EXTERIOR OF THE BUILDING. THE MEATHER-RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED. A MINIMUM 0.019-INCH (NO. 26 GALVANIZED SHEET GAGE),

EXTERIOR PLASTER

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4.

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 DECAY-RESISTANT WOOD OR SYPSUM BACKING. IF THE PLASTER SURFACE IS COMPLETELY COVERED BY VENEER OR OTHER FACING MATERIAL OR IS COMPLETELY COVERALED, 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 BELO LATH, PAPER AND SCREED.

THE PROPORTION OF AGGREGATE TO FIBER CEMENT MATERIALS SHALL BE AS SET 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 PUTTY 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



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 MIST 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 TEMPERATURE SET POINTS AT DIFFERENT TIMES 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.
- 8. DUCTS IN THE GARAGE AND DUCTS PENETRATING THE WALLS OR CEILINGS SEPARATING THE DHELLING 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 UNATE STACE SETERIS. IN A CRARE STACE, A MINIMUM DF 2-INCH THICK SOLID BASE, 2-INCH (SI MM) THICK FORMED CONCRETE, OR STACKED MASONRY UNITS HELD IN PLACE BY MORTAR OR OTHER APPROVED METHOD. THE VALTER HALE 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 BATHROOMS CONTAINING A BATHTUB, SHOVER 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 PER N.C.-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 CORDER
- MHERE 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 PIEP ROVIDED 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.
- 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 CFM 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 MINITE, SUCH MAKEUP AIR SYSTEMS SHALL BE EQUIPPED WITH A TEN MINUE. SOUTH INFOLD FUNCTION STATEMENT OF A DATA THE DE L'UNITED AND MANY AND STATE ST
- 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 MAINIAINED IN SUCH A MANNER SO AS 10 HEVENI CONTAMINATION FROM NONPOTABLE LIQUIDS, SOLDS OR GASES BEING INTRODUCED INTO THE POTABLE MATER 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 50 AS TO PREVENT BACKFLOW, PLUMBING FIXTURE FITTINGS SHALL PROVIDE BACKFLOW PROTECTION IN ACCORDANCE WITH ASME AU2.18.1

MECHANICAL &

PLUMBING (continued)

8.

- ALL DEVICES, APPURTENANCES, 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 ASAINST BACKFLOW AND CONTAMINATION OF THE WATER SUPPLY SYSTEM, WATER FUMPS, FILTERS, SOFTENERS, 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, FAUCETS AND DIVERTERS SHALL BE CONNECTED TO THE WATER DISTRIBUTION SYSTEM SO THAT HOT WATER CORRESPONDS TO THE LETT 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 M ADDITION TO THE REQUIREMENTS IN N.C.-P
- THE INSTALLATION OF A WATER SERVICE OR WATER DISTRIBUTION PIPE THE INSTALLATION OF A WATER SERVICE OR WATER DISTRIBUTION PIPE SHALL BE FROMINIED 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.-PLUMBING. 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 CONCELLO AL UNIDER VALUES 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 AND STREESES IN THE PIPE. PROVISIONS SHALL BE MADE TO PROTECT PIPING FROM DAMAGE RESULTING FROM EXPANSION, CONTRACTION AND STRUCTURAL SETTLEMENT. PIPING SHALL BE INSTALLED TO AVOID STRUCTURAL STREESES 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 NATER 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 LISTED IN N.C.-R. 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 N.C.-P.
- WHERE WASTE LINE DROPS OCCUR IN A LOCATION WHERE THE SOUND OF A FLUSHED TOILET MAY BE UNDESIRABLE, 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 ASE ICIDE/ ASME AIIZ.OIG(CSA BI2516, AND SHALL BE INSTALLED AND ADJISTED PER MANUFACTURE'S INSTRUCTIONS.
- 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, (JSING SOLID, LIQUID OR GAS FUEL) WITH THE EXCEPTION OF THOSE HAVING DIRECT VENT SYSTEMS, SHALL NOT BE INSTALLED IN BATHROOMS AND BEDROONS 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 FUNDING 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 REIGHT 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. REMOTE LOCATIONS SUCH AS SUSPENDED CEILING, ATTICS, ABOVE OCCUPIED SPACES, OR UNVENTILATED CRANL SPACES, A LOCATION INFERE 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 MINIMM 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 MM) IN OUTSIDE DIAMETER. THE DISHWASHER DISCHARGE PIPE OR TUBING SHALL RISE TO THE UNDERSIDE OF THE CONTRET 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 127.
- 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, IS- AND 20-AMPERE RECEPTACLES INSTALLED IN THE LOCATIONS SPECIFIED BELON SHALL HAVE GROUND-FAULT CIRCUIT-INTERRUPTER FROTECTION FOR PERSONNEL. THE GROUND-FAULT CIRCUIT-INTERRUPTER SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION. 5.
 - 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
- CRAML SPACES. WHERE THE CRAML 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. б.
- BOAT HOUSES.
- BATHTUBS OR SHOWER STALLS WHERE RECEPTACLES ARE INSTALLED WITHIN 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
- CRAML SPACE LIGHTING OUTLETS. GFCI PROTECTION SHALL BE PROVIDED FOR LIGHTING OUTLETS NOT EXCEEDING 120 VOLTS INSTALLED IN CRAML 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 DIRELLING UNTS, RECEPTACLE UNILETS SHALL BE INSTALLED SO THAT NO POINT ALONG THE FLOOR LINE IN ANY MALL SPACE IS MORE THAN 6 FTET, MESURED HONZONTALLY, FROM AN OUTET IN THAT SPACE, INCLUDING ANY HORIZONTALLY, FROM AN OUTLET IN THAT SPACE, INCLUDING ANY MALL SPACE 2 FEET OR MORE IN WIDTH (INCLUDING SPACE MEASURED ARCUND CORNERS) AND UNBROKEN ALONG THE FLOOR LINE BY DOORNAYS AND SIMILAR OFENINGS, FIREFLACES, AND FIXED CABINETS, AND THE MALL SPACE OCCUPIED BY FIXED PANELS IN EXTERIOR MALLS, BUT EXCLUDING SANELS IN EXTERIOR MALLS, THE WALL SPACE AFFORDED BY FIXED ROOM IVIDERS, SUCH AS FREESTANDING BAR-TYPE CONTERS OR RAILINGS, SHALL BE INCLUDED IN THE 6 FOOT MEASUREMENT.
- IN THE KITCHEN, PANTRY, BREAKFAST ROOM, DINING ROOM, OR SIMILAR AREA OF A DIVELLING UNIT, THE TWO OR MORE 20-AMPERE SHALL-APPLIANCE BRANCH CIRCUITS REQUIRED SHALL SERVE ALL WALL AND FLOOR RECEPTACLE OUTLETS, ALL COUNTERTOP OUTLETS, AND RECEPTACLE OUTLETS FOR REFRIGERATION EQUIPMENT. THE TWO OF MORE SMALL-APPLIANCE BRANCH CIRCUITS SHALL HAVE NO OTHER OUTLETS
- ю. 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 50 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.
- (9) AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED AT EACH PENNSULAR COUNTER SPACE WITH A LONG DIMENSION OF 24 INCHES OR GREATER AND A SHORT DIMENSION OF IS INCHES OR GREATER. A PENNSULAR COUNTERTOP IS MEASURED FROM CONNECTING PERPENDICULAR WALL.
- CONTERTOP SPACES SEPARATED BY RANGE TOPS, REFRIGER-ATORS, OR SINKS SHALL BE CONSIDERED AS SEPARATE CONTER-TOP SPACES IN APPLYING THE REQUIREMENTS OF (1), (2), AND (3) ABOVE. IF A RANGE CONTER-MONTED COOKING UNIT, OR SINK IS INSTALLED IN AN ISLAND OR PENNSULAR CONTERTOP AND THE DEPTH OF THE CONTER BEHIND THE ITEM IS LESS THEN IS INCHES. IT WILL BE CONSIDERED TO DIVIDE THE CONTERTOP SPACE INTO NO SEPARATE CONTERTOP SPACES. EACH CONTERTOP SPACE SHALL COMPLY WITH APPLICABLE REQUIREMENTS.
- (5) RECEPTACLE OUTLETS SHALL BE LOCATED NOT MORE THAN 20 INCHES ABOVE THE COUNTERTOP, RECEPTACLE OUTLETS RENDERED NOT READLY ACCESSIBLE BY APPLIANCES FASTENED IN PLACE, APPLIANCE GARAGES, 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 ELECTRIC POWER, THE BRANCH CIRCUIT SUPPLYING THIS 13. ELECTION FOR THE INCOMPLY OF THE THIS THIS THE SARAGE. AT LEAST ONE RECEPTACLE OF THE SARAGE. AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED IN EACH VEHICLE BAY.
- CABLE- OR RACEWAY-TYPE WIRING METHODS INSTALLED IN A GROOVE. 14. TO BE COVERED BY MALLBOARD, SIDING, PANELING, CARETING, OR SIMILAR FINISH, SHALL BE PROTECTED BY ING INCH THICK STEEL PLATE, SLEEVE, OR EQUIVALENT OR BY NOT LESS THAN I-1/4 INCH FREE SPACE FOR THE FULL LENGTH OF THE GROOVE IN WHICH THE CABLE OR RACEWAY S INSTALLED.
- 15. RECEPTACLES IN DAMP OR WET LOCATIONS.

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З.

OCATION

UNIQUE COMBINATION

CONNECTED TO A CENTRAL STATION

WITH THE NC-R R314.3

SMOKE DETECTORS

- A RECEPTACLE INSTALLED OUTDOORS IN A LOCATION PROTECTED FROM WEATHER OR IN OTHER DAMP LOCATIONS SHALL HAVE AN ENCLOSURE FOR THE RECEPTACLE THAT IS VEATHERPROOF WHEN THE RECEPTACLE IS COVERED. (ATTACHMENT PLUS CAP NOT INSERTED AND RECEPTACLE COVERS (LOSED.)
- ALL IS- AND 20- AMPERE, I2S- AND 250-VOLT RECEPTACLES INSTALLED IN A WET LOCATION SHALL HAVE AN ENCLOSURE THAT IS WEATHER FROOT WHETHER OR NOT THE ATTACHMENT PLUS CAP IS INSERTED. AN OUTLET BOX HOOD INSTALLED FOR THIS PURPOSE SHALL BE LISTED AND SHALL BE IDENTIFIED AS "EXTRA DUTY". ALL IS- AND 20- AMPERE, I2S- AND 250-VOLT NONLOCKING RECEPTACLES SHALL BE LISTED WEATHER RESISTANT TYPE.

I6. LIGHTING EQUIPMENT. NOT LESS THAN 75 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, DARLORS, LIBRARES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLMAYS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER(S), COMBINATION-TYPE, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT. THE ARC-FAULT INTERRUPTER SHALL BE INSTALLED IN A READILY ACCESSIBLE

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_2^{\downarrow} 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 NEPA 72.

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

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 IZ THAT INCLUES SHOLL ARACHS, OUR OUTSINGTION OF SHOLL DE LEUTON AND AUDILLE NOTIFICATION DEVICE INSTALLED AS REQUIRED BY THE NG-R R3IA3 FOR SMOKE ALARMS, SHALL BE PERMITTED. THE HOUSEHOLD FIRE ALARM SYSTEM SHALL PROVIDE THE SAME LEVEL OF SMOKE DETECTION

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-PLUS CONVECTED.

20. 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.

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

ELECTRICAL (continued)

CARBON MONOXIDE ALARMS

CARBON MONOXIDE ALARMS IN DWELLING UNITS SHALL BE INSTALLED OUTSIDE 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 R315 AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

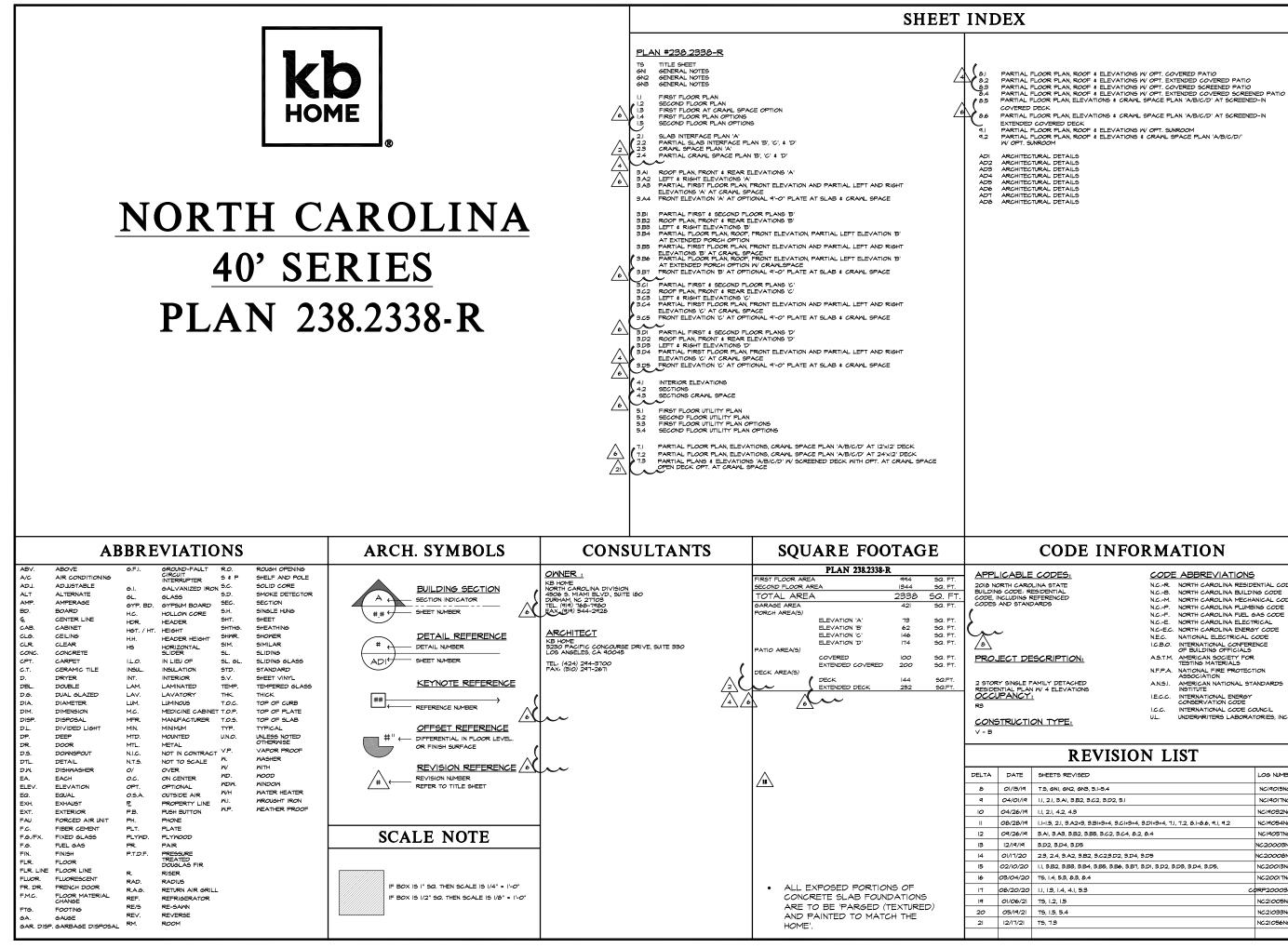
COMBINATION CARBON MONOXIDE AND SMOKE ALARMS SHALL BE PERMITTED TO BE USED IN LIEU OF INDIVIDUAL CARBON MONOXIDE OR SMOKE ALARMS.

DRYER VENT

2.

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



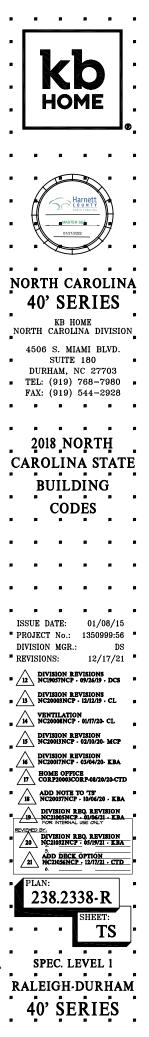


)E	INFORMATION

<u>.</u>	CODE	ABBREVIATIONS
	N.CR.	NORTH CAROLINA RESIDENTIAL CODE
	N.CB.	NORTH CAROLINA BUILDING CODE
•	N.CM.	NORTH CAROLINA MECHANICAL CODE
	N.CP.	NORTH CAROLINA PLUMBING CODE
	N.CF.	NORTH CAROLINA FUEL GAS CODE
	N.CE.	NORTH CAROLINA ELECTRICAL
	N.C-E.C.	NORTH CAROLINA ENERGY CODE
	N.E.C.	NATIONAL ELECTRICAL CODE
	I.C.B.O.	INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS
<u>0N:</u>	A.S.T.M.	AMERICAN SOCIETY FOR TESTING MATERIALS
	N.F.P.A.	NATIONAL FIRE PROTECTION ASSOCIATION
ACHED ATIONS	A.N.S.I.	AMERICAN NATIONAL STANDARDS
	I.E.C.C.	INTERNATIONAL ENERGY CONSERVATION CODE
	I.C.C.	INTERNATIONAL CODE COUNCIL
<u>.</u>	UL.	UNDERWRITERS LABORATORIES, INC.

REVISION LIST

EVISED	LOG NUMBER
N2, GN3, 5.1-5.4	NCIGOISNCP
3.B2, 3.C2, 3.D2, 5.I	NCIGOITNCP
4.3	NCI9032NCP
.A2+3, 3.BI+3+4, 3.CI+3+4, 3.DI+3+4, 7.I, 7.2, 8.I-8.6, 9.I, 9.2	NCI9054NCP
3.82, 3.85, 3.02, 3.04, 8.2, 8.4	NCI9057NCP
3.05	NC20003NCP
A2, 3.B2, 3.C2,3.D2, 3.D4, 3.D5	NC20008NCP
33, 3.B4, 3.B5, 3.B6, 3.B7, 3.DI, 3.D2, 3.D3, 3.D4, 3.D5,	NC200I3NCP
8.3, 8.4	NC200ITNCP
4.1, 5.3 Co	DRP20003C08
	NC21005NCP
	NC21033NCP
	NC21056NCP



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.
- 2. CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH THE FOLLOWING APPLICABLE CODE REQUIREMENTS:
 - A. ALL LAWS, STATUTES, THE MOST RECENT BUILDING CODES, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ALL PUBLIC AUTHORITIES HAVING JURISDICTION OVER OMNER, CON-TRACTOR, ANY SUBCONTRACTOR, THE PROJECT, THE PROJECT STIE, THE WORK, OR THE PROSECUTION OF THE WORK.
 - B. THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT AND ALL OTHER APPLICABLE CODE REQUIREMENTS RELATING TO SAFETY.
 - C. THE FAIR HOUSING AMENDMENTS ACT, THE AMERICANS WITH DISA-BILITIES ACT, AND ALL OTHER APPLICABLE CODE REQUIREMENTS RELATING THERETO.
- 9. CONTRACTOR SHALL CAREFULLY STUDY AND REVIEW THE CONSTRUCTION DOCUMENTS AND INFORMATION FURNISHED BY OWNER, AND SHALL PROMPTLY REPORT IN MRITING TO OWNER'S REPRESENTATIVE ANY ERRORS, INCONSISTENCIES, OR OMISSIONS IN THE CONSTRUCTION DOCU-MENTS OR INCONSISTENCIES WITH APPLICABLE CODE REQUIREMENTS OBSERVED BY THE CONTRACTOR.
- 4. IF CONTRACTOR PERFORMS WORK WHICH HE KNOWS OR SHOLLD KNOW IS CONTRARY TO APPLICABLE CODE REQUIREMENTS, WITHOUT THE AGREEMENT OF OWNER, CONTRACTOR SHALL BE RESPONSIBLE FOR SUCH WORK AND SHALL BEAR THE RESULTANT LOSSES, INCLUDING, WITHOUT LIMITATION, THE COSTS OF CORRECTING DEFECTIVE WORK.
- 5. CONTRACTOR SHALL PROVIDE CERTIFICATES OF INSURANCE ACCEPTABLE TO OWNER PRIOR TO COMMENCEMENT OF WORK.
- 6. CONTRACTOR SHALL TAKE FIELD MEASUREMENTS, VERIFY FIELD CONDITIONS, AND CAREFULLY COMPARE NITH THE CONSTRUCTION DOCUMENTS SUCH FIELD MEASUREMENTS, CONDITIONS, AND OTHER INFORMATION 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 BECOMES AWARE DURING THE PERFORMANCE OF THE WORK THAT THE CONSTRUCTION DOCUMENTS ARE NOT IN COM-PLIANCE WITH APPLICABLE CODE REQUIREMENTS.
- 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.
- 9. SUB-CONTRACTORS SHALL INSURE THAT ALL WORK IS DONE IN A PROFESSIONAL WORKMANLIKE MANNER BY SKILLED MECHANICS AND SHALL REPLACE ANY MATERIALS OR ITEND DAMAGED BY SUB-CONTRACTOR'S PERFORMANCE. SUB-CONTRACTORS AND SUPPLIERS CONTRACTOR'S PERFORMANCE. SUB-CONTRACTORS AND SUPPLIERS ARE HEREBY NOTIFIED THAT THEY ARE TO CONFER AND COOPERATE FULLY WITH EACH OTHER DURING THE COURSE OF CONSTRUCTION TO DETERVINE THE EXACT EXTENT AND OVERLAP OF EACH OTHER'S WORK AND TO SUCCESSFULLY COMPLETE THE EXECUTION OF THE WORK. AND TO SUCCESSFULLY COMPLETE THE EXECUTION OF THE WORK. AND DIDER. ANY DORKMANSHIP SHALL BE OF QUALITY TO PASS INSPECTIONS BY LOCAL AUTHORITIES, LENDING INSTITUTIONS, ARCHITECT OR BUILDER. ANY DORE OR ALL OF THE ABOVE MENTIONED INSPECTORS MAY INSPECT WORKMANSHIP AT ANY TIME, AND CORRECTORS NEEDED TO ENHANCE THE QUALITY OF BUILDING WILL BE DORE IMPEDIATLY. EACH SUBCONTRACTOR, UNLESS SPECIFICALLY EXEMPTED BY THE TERMS OF HISHERS SUB-CONTRACT ARCEMENT, SHALL BE RESPONSIBLE FOR CLEANING UP AND REMOVING FROM THE JOB SITE ALL TRASH AND DEBRIS NOT LEFT BY OTHER SUB-CONTRACT ARCTORS. BUILDER WILL BETERMINE HOW SOON AFTER SUBCONTRACTOR COMPLETES EACH PHASE OF HIS WORK THAT TRASH AND DEBRACTOR COMPLETES EACH PHASE OF HIS WORK THAT TRASH AND DEBRIC DIRE REMOVED FROM THE SITE.
- IO. APPROVAL BY THE BUILDING INSPECTOR DOES NOT MEAN APPROVAL OR ALLONABLE FAILURE TO COMPLY WITH THE FLANG AND SPECIFICATIONS. ANY DESION WHICH FAILS TO BE CLEAR OR IS AMBIGUOS MUST BE REFERRED TO THE ARCHITECT OR ENGINEER 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.
- 12. 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.
- IS. CONSTRUCTION DOCUMENTS IDENTIFIED AS "BID SET" ON ANY OR ALL SHEETS MAY BE SUBJECT TO REVIEW, THIS REVIEW MAY RESULT IN CHANGES WHICH MAY BE MADE TO THE PLANS PRIOR TO THE ISSUACE OF THE FINAL CONSTRUCTION SET WHICH WILL CONTAIN NO "BID SET" DESIGNATIONS. CONSTRUCTION DOCUMENTS IDENTIFIED AS "BID SET" AREN OT TO BE CONSTRUCT AS BEING THE COMPLETED OR FINAL DRAWINGS AND THEY SHOULD NOT IN ANY WAY BE USED AS SUCH.
- ALL STANDARD NOTES CONTAINED HEREIN ARE TYPICAL UNLESS NOTED OTHERWISE.
- 15. TYPICAL DETAILS AND SPECIFICATIONS ARE MINIMUM REQUIREMENTS TO BE USED WHEN CONDITIONS ARE NOT SHOWN OTHERWISE.
- 6. 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 DRANINGS FOR PITS, TRENCHES, ROOF OPENINGS, DEPRESSIONS, ETC. NOT SHOWN ON THE OTHER DRAWINGS.
- 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

- I. CONTRACTOR SHALL INVESTIGATE SITE DURING CLEARING AND EARTHWORK OPERATIONS FOR FILLED EXCAVATIONS OR DURIED STRUCTURES SUCH AS CESSPOOLS, CISTERNS, FOUNDATIONS, ETC., AND BURIED ARTIFACTS SUCH AS INDIAN OR DINOSAUR BONES. IF ANY SUCH ITEMS ARE FOUND THE ARCHITECT, CIVIL ENGINEER, AND SOILS ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
- CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO FULLY PROTECT ADJACENT PROPERTIES.
- REFER TO THE SOILS REPORT AS PREPARED BY THE GEOTECHNICAL 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.
- MHERE EXCAVATIONS ARE MADE TO A DEPTH GREATER THAN INDICATED, SUCH ADDITIONAL DEPTH SHALL BE FILLED WITH CONCRETE AS SPECIFIED FOR FOOTINGS.
- 10. FILL MATERIALS SHALL BE FREE FROM DEBRIS, VEGETABLE MATTER AND OTHER FOREIGN SUBSTANCES.
- ALL FINISH GRADES TO DRAIN AWAY FROM THE BUILDING FOOTINGS
 THERE SHALL BE NO ON-SITE WATER RETENTION.
- 13. THERE SHALL BE NO DRAINAGE TO ADJACENT PROPERTY
- 14. FOR ONSITE CONTSRUCTION, PLANS TO COMPLY WITH NECESSARY INSPECTIONS APPROVED BY THE BUILDING OFFICIAL.
- 15. THE REQUIREMENTS IN THESE NOTES ARE THE MINIMUM THAT SHALL BE MET, REQUIREMENTS OF THE STRUCTURAL DRAMINGS THAT EXCEED THE REQUIREMENTS SHOWN HERE SHALL BE MET.

CONCRETE

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- I. REFER TO STRUCTURAL ENGINEERING CALCULATIONS AND SOILS REPORT FOR THE PERFORMANCE REQUIREMENTS FOR CONCRETE FOUNDATIONS.
- CONCRETE SHALL BE PROPORTIONED TO PROVIDE AN AVERAGE 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.
- 4. THE DEPOSITING OF CONCRETE SHALL COMPLY WITH THE PROVISIONS ACI 318, SECTION 5.10.
- 5. THE CURING OF CONCRETE SHALL BE IN ACCORDANCE WITH ACI 318, SECTION 5.11.
- ALL FORM WORK SHALL BE DESIGNED, CONSTRUCTED, UTILIZED, AND REMOVED.
- CONDUIT, PIPES AND SLEEVES OF ANY MATERIAL NOT HARMFUL TO CONCRETE AND MITHIN THE LIMITATIONS OF ACI 316, SECTION 6.3, ARE PERMITTED TO BE EMEEDED 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
- IO. TOP OF CONCRETE SLABS TO BE A MINIMUM 4" W/ MASONRY VENEER 6" ELSEMHERE (8" H.J.D.) ABOVE FINISH GRADE.
- 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, SLEEVES, BOLTS OR OTHER REMEDIDED MATERIALS AND ITEMS MUST BE SECURED AND APPROPRIATELY FASTENED IN THEIR PROFENSION LOCATIONS PRIOR TO THE PLACEMENT OF CONCRETE. SUB-CONTRACTOR SHALL VERITY INSTALLATION OF HOLD-DOWNS, ANCHOR BOLTS, PA STRAPS, AND OTHER ANCHORAGE MATERIAL AND ITEMS PRIOR TO PLACEMENT OF CONCRETE.
- 13. POST-TENSION SLABS, IF APPLICABLE:
- A. POINT AND LINE LOADS FROM STRUCTURE ABOVE TO BE PROVIDED TO POST-TENSION ENGINEER PRIOR TO POST-TENSION DESIGN.
- B. ANCHOR BOLTS AND OTHER HARDWARE TO BE SHOWN ON POST-TENSION PLANS TO AVOID MIS-LOCATION OF HARDWARE AND POSSIBLE FILED FIXES WHICH MAY CUT TENDONS.

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 ACI 530/ASCE 51/MIS 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
- 4. MORTAR FOR USE IN MASONRY CONSTRUCTION SHALL COMPLY WITH ASTM C 270, THE TYPE OF MORTAR SHALL BE IN ACCORDANCE WITH THE N.C.-R AND SHALL MEET THE PROPORTION 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 FER 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) 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 IN A RUNNING BOND PATTERN.
- 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.
- 2. ALL STRUCTURAL STEEL SHALL CONFORM TO AISC/CRED
- 3. 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 SHALL BE SUFFICIENT TO FULLY ENGAGE THE THREADS OF THE UNTS, BUT SHALL NOT BE GREATER THAN THE LENGTH OF THE THREADS ON THE BOLTS
- 4. FASTENERS FOR PRESERVATIVE-TREATED AND FIRE-RETARDANT-TREATED WOOD SHALL BE OF HOT-DIPPED ZINC COATED GALVANIZED STEEL, STAINLESS STEEL, SILCON REVOLZE OR COPPER. VERITY ACCEPTABLE FASTENERS PER CHEMICALS USED IN PRESSURE PRESERVITIVELY TREATED WOOD W.N.C.-R. FASTENINGS FOR WOOD FOUNDATIONS SHALL BE AS REQUIRED IN AF4PA TECHNICAL REPORT NO. T.

WOOD & FRAMING

LUMBER

- I. 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 MITH TABLE R302.1.
- 3. ALL LUMBER SHALL MEET THE STANDARDS OF QUALITY AS STATED IN THE N.C.-R
- 4. LUMBER AND FLYWOOD REQUIRED TO BE PRESSURE PRESERVATIVELY TREATED IN ACCORDANCE WITH THE N.C.-R AND SHALL BEAR THE GUALITY MARK OF AN APPROVED INSPECTION ACENCY THAT MAINTAINS CONTINUING SUPERVISION, TESTING AND INSPECTION OVER THE GUALITY OF THE PRODUCT AND THAT HAS BEEN APPROVED BY AN ACCREDITATION BODY THAT COMPLIES NITH THE REQUIREMENTS OF THE AMERICAN LUMBER STANDARD COMMITTEE TREATED WOOD PROGRAM.
- ALL LUMBER SIZES NOTED AND SPECIFIED ON PLANS ARE NOMINAL SIZES UNLESS SPECIFICALLY INDICATED AS NET SIZE.

GLUE LAMINATED LUMBER

1.

- REFER TO THE STRUCTURAL ENGINEER'S CURRENT NOTES, CALCULATIONS, AND SPECIFICATIONS.
- GLUED LAMINATED TIMBERS SHALL BE MANUFACTURED AND IDENTIFIED AS REQUIRED IN AITC AI90.1 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 DURABLE NOOD OR NOOD THAT IS PRESERVATIVE TREATED IN ACCORDANCE WITH ANPA UI FOR THE SPECIES, PRODUCT, PRESERVATIVE AND END USE. PRESERVATIVES SHALL BE LISTED IN SECTION 4 OF ANPA UI
- WOOD JOISTS OR THE BOTTOM OF WOOD FLOOR WHEN CLOSER THAN IS INCHES, OR WOOD GIRDERS WHEN CLOSER THAN I2 INCHES TO THE EXPOSED GROUND IN CRANL SPACES OR UNEXCAVATED AREAS LOCATED WITHIN THE PERIPHERY OF THE BUILDING FOUNDATION.
- 2. 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 SEPARATED FROM THE GROUND BY AN APPROVED IMPERVIOUS MOISTURE BARRIER.
- 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.
- 6. WOOD STRUCTURAL MEMBERS SUPPORTING MOISTURE-PERMEABLE FLOORS OR ROOPS THAT ARE EXPOSED TO THE WEATHER, SUCH AS CONCRETE OR MASORRY SLADS, UNLESS SEPARATED FROM SUCH FLOORS OR ROOPS BY ANIMPERVIOUS MOISTURE BARRIER.
- WOOD FURRING STRIPS OR OTHER WOOD FRAMING MEMBERS ATTACHED 2. DIRECTLY TO THE INTERIOR OF EXTERIOR MASONRY WALLS OR CONCRETE WALLS BELON GRADE EXCEPT WHERE AN APPROVED VAPOR RETARDER IS APPLIED BETWEEN THE WALL AND THE FURRING 3. STRIPS OR FRAMING MEMBERS.
- 8. 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.
- 3. IN AREAS SUBJECT TO DAMAGE FROM TERMITES METHODS OF PROTECTION SHALL BE ONE OF THE METHODS LISTED IN THE N.C.-R
- 4. UNDER-FLOOR AREAS SHALL BE VENTILATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE N.C.-R

<u>NOOD & FRAMING</u> (continued)

(continuea

FLOOR FRAMING

ROOF FRAMING

MALL FRAMING

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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 NC-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 MEMBERG 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 UNDERLAYMENT AND SHALL BE PER SECTION REGG OF THE NORTH CAROLINA RESIDENTIAL CODE. MHERE THE FROPERTY 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 FOR SIZE, SPACING, AND ANCHORAGE OF ALL FLOOR JOISTS, SIZE, LOCATION, 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.

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

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 WITH THE N.C.-R

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 CORRES AND INTERSECTIONS 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 MOMINAL THICKNESS AND

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 IMEMERS SHALL BEAR WITHIN 5 INCHES OF THE STUDS BENEATH. SEE EXCEPTIONS.

INTERIOR NONREARING WALLS SHALL BE PERMITTED TO BE CONSTRUCTED

INITEXICK NORBEAKING WALLS SHALL BE PERMITED TO BE CONSTRUCT WITH 2-INCH-BY-3-INCH STIDS SPACED 24 INCHES ON CONTEX OR, WHEN NOT A PART OF A BRACED WALL LINE, 2-INCH-BY-4-INCH FLAT STIDS SPACED IG INCHES ON CENTER, INTERIOR NORBEARING WALLS SHALL BE

CAPPED WITH AT LEAST & SINGLE TOP PLATE INTERIOR NONREARIN

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

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.

THE BRACING OF WOOD TRUSSES SHALL COMPLY TO THEIR APPROPRIATE ENGINEERED DESIGN, PER 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 NOTHCING OF STUDS SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

- NOTHCING, ANY STUD IN AN EXTERIOR WALL OR BEARING PARTITION MAY BE CUT OR NOTCHED TO A DEPTH NOT EXCEEDING 25 PERCENT OF ITS WIDTH. STUDS IN NONBEARING PARTITIONS MAY BE NOTCHED TO A DEPTH NOT TO EXCEED 40 PERCENT OF A SINGLE STUD WIDTH. NOTCHING OF BEARING STUDS SHALL BE ON NOR EDGE ONLY AND NOT TO EXCEED ONE-FOURTH THE HEIGHT OF THE STUD. NOTCHING SHALL NO CACUR 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 50'S' 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 (LOSE AS I 1/2 INCHES ON CENTER SPACING. STUDS LOCATED IN EXTERIOR NALLS OR BEARING PARTITIONS DRILLED OVER 40 PERCENT AND UP TO 60 PERCENT SHALL ALGO BE DOUBLED WITH NO MORE THAN TWO SUCCESSIVE DOUBLED STUDS BORED.
- CUTTING AND NOTCHING OF STUDS SHALL BE PERMITTED TO BE INCREASED TO 65 PERCENT OF THE NIDTH OF THE STUD IN EXTERIOR AND INTERIOR WALLS 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 CELLING AND AT LEAST ONE STUD FURTHER ON EACH SIDE OF THE SECTION THAT HAS BEEN NOTCHED OR CUT.
 (b) THE EXTERIOR MALLS OF A KITCHEN MAY BE REINFORCED BY PLACING 1/2-INCH PLYWOOD OR EQUIVALENT REINFORCED DY PLACING 1/2-INCH PLYWOOD OR EQUIVALENT REINFORCED DY PLACING 1/2-INCH PLYWOOD OR EQUIVALENT REINFORCED DY THE NOTCHED SIDE OF THE WALL. PLYWOOD, IF USED, SHALL REACH FROM THE FLOOR TO COUNTER TOP HEIGHT AND AT LEAST ONE STUD FURTHER ON EACH SIDE OF THE SECTION THAT HAS BEEN NOTCHED OR CUT.
- WHEN PIPING OR DUCTWORK IS PLACED IN OR PARTIALY IN AN EXTERIOR OR INTERIOR LOAD-BEARING WALL, NECESSITATION CUTTING, DRILLING OR NOTCHING OF THE TOP PLATE B MORE THAN 0.054 INCHT OF ITS NIDTH A GALVANIZED METAL TIE OF NOT LESS THAN 0.054 INCH THICK AND I 1/2" INCHES WIDE SHALL BE FASTENED ACROSS AND TO THE FLATE AT EACH SIDE OF THE OPENING WITH NOT LESS THAN EIGHT IOD NAILS HAVING A MINIMUM LENGTH OF I 1/2 INCHES (30 MM) OF 6 INCHES PIDE OR EQUIVALENT. THE METAL TIE MOT EXTEND A MINIMUM OF 6 INCHES PAST THE OPENING.
- 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
- UALESS COVERED BY INTERIOR OR EXTERIOR WALL COVERINGS OR SHEATING MEETING THE MINIMUM REQUIREMENTS OF THIS CODE, ALL STUD PARTITIONS OR WALLS 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 SNULLY AND NAILED THERETO TO PROVIDE ADEQUATE LATERAL SUPPORT.

FIRE BLOCKS AND DRAFT STOPS

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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 REVOIDED IN WOOD-FRAME CONSTRUCTION IN THE LOCATIONS SPECIFIED IN THE N.C.-R

FIRE BLOCKING SHALL CONSIST OF 2 INCHES NOMINAL LUMBER, OR TWO THICKNESSES OF I-INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS, OR ONE THICKNESS OF 23/32-INCH MOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 23/32-INCH MOOD STRUCTURAL PANELS OR ONE THICKNESS OF 3/4-INCH PARTICLEBOARD WITH JOINTS BACKED BY 3/4-INCH PARTICLEBOARD, I/2-INCH GYPSOM BOARD, OR I/4-INCH CEMENT-BASED MILLBOARD,

BATTS OR BLANKETS OF MINERAL WOOL OR GLASS FIBER OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO BE 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 FERMITTED FOR COMPLIANCE WITH THE IO FOOT HORIZONTAL FIREBLOCKING IN MALLS CONSTRUCTED USING PARALLEL RONG 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 (JOO 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 BELOW, DRAFTSTOPPING SHALL BE PROVIDED IN FLOOR/CEILING ASSEMBLIES UNDER THE FOLLOWING CIRCUMSTANCES.

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

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 ARE REQUIRED.



40' SERIES

THERMAL & MOISTURE

PROTECTION

- PROVIDE ALL FLASHING, COUNTER-FLASHING, BITUTHENE, MEMBRANE WATERRROOFING, SHEET METAL, CALLKING, SEALANTS, ELASTOMERIC WALKING SURFACES, AND RAIN GUITERS 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 ROOPS AND SIMILAR SURFACES EXPOSED TO THE NEATHER AND SEALED UNDER-NEATH SHALL BE MATERPROPED 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 PER 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 over-flows 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 AN DAMPPROOFED IN ACCORDANCE WITH THE N.C.-R
- PARAPET WALLS SHALL BE PROPERLY COPED WITH NONCOMBUSTIBLE, MEATHERPROOF MATERIALS OF A NIDTH NO LESS THAN THE THICKNESS OF THE PARAPET WALL. PARAPET COPING SHALL EXTEND 2" MINIMUM DOWN THE FACES OF THE PARAPET.

FLASHING

- AFTROVED CORROSION-RESISTANT FLASHING SHALL BE APPLIED SHINGLE-FASHION IN A MANNER TO PREVENT ENTRY OF WATER INTO THE WALLI 2: CAVITY OR FENETRATION OF WATER TO THE BUILDING STRUCTURAL FRAMING COMPORENTS. SELF-ADHERED MEMBRANES USED AS FLASHING SHALL COMPLY WITH AAMA 711. FLUID-APPLIED MEMBRANES USED AS FLASHING SHALL EXTERIOR WALLS SHALL COMPLY WITH AAMA 714. THE FLASHING SHALL EXTERIOR WALLS SHALL COMPLY WITH AAMA 714. THE FLASHING SHALL EXTERIOR WALLS SHALL COMPLY WITH AAMA 714. THE FLASHING SHALL EXTERIOR TO THE SURFACE OF THE EXTERIOR WALL FINISH. ALUMINM FLASHING SHALL NOT BE USED IN CONTACT WITH FIBER CENERY MATERIAL, EXCEPT AT CONTRER FLASHING. APPROVED CORROSION-RESISTANT FLASHING SHALL DE IN 12 WITS HORIZONTAL (2-1/2:12) TO FOUR WITS VERTICAL IN 12 WITS HORIZONTAL (4-12) DOBLE WIDERLATHENT 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.019-INCH (NO. 26 SHEET METAL GAGE) CORROSION-RESISTANT METAL AND CAULKED.
- ALL SHEET METAL WORK SHALL BE PERFORMED IN ACCORDANCE ALL DITLE ITELI TORN DITALL BE FEN UNITED IN ACCOMPANY WITH THE RECOMMENDATIONS AND STANDARDS OF THE SHEET METAL AND AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION (SMAC.N.A.), THE ARCHITECTURAL SHEET METAL MANNAL, MD SEALANT, WATERROOFING AND RESTORATION INSTITUTE'S (SMR.I.) GUIDE -"SEALANTS THE PROFESSIONAL'S GUIDE".
- SHEET METAL SHALL BE STEEL SHEET, HOT-DIPPED, TIGHT COATED AND GALVANIZED, CONFORMING TO AS.T.M. A525 AND SHALL BE A NUMBER 24 SHEET METAL GAGE UNLESS OTHERWISE NOTED IN THESE NOTES, FLANS, OR MANUFACTURER'S SPECIFICATIONS. 5.
- 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 WATER-PROOF, WEATHER 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 MINIMM MOMINAL OO/04-INCH THICKNESS OR MINERAL SURFACE ROLL ROOFING HEIGHING A MINIMM 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 MANUFACTURER'S 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 ANT CHIMNEY OR PENETRATION MORE THAN BO INCHES MIDE AS MEASURED PERFENDILAR TO THE SLOPE. CRICKET OR SADDLE COVERINGE SHALL BE SHEET METAL OR OF THE SAME MATERIAL AS THE ROOF COVERING. PROVIDE FLASHING AT THE INTERCENTION 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 VENT PIPE AND CHIMNEY ELASHIN SHALL BE APPLIED ACCORDING TO THE ALT SHINGLE MANUFACTURER'S PRINTED INSTRUCTIONS
- AT THE JUNCTURE OF ROOF VERTICAL SURFACES, FLASHING AND COUNTERFLASHING SHALL BE PROVIDED IN ACCORDANCE WITH TH 15. THE 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 SHIPMENTS OF MATERIALS SHALL BE ACCOMPANIED BY THE SAME INFORMATION ISSUED 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 TTFE I, ASTM D 4864, TTFE I, OR ASTM D 6151. 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 GASE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, ASTM F 1667, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIALS AND A MINIMUM OF 3/4 INCH INTO THE ROOF SHEATHING. WHERE THE ROOF SHEATHING IS 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 REQUIRED BY THE MANUFACTURER. FOR NORMAL APPLICATION, ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF NITH 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 ACCORDANCE 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 167.

SLOPES OF 2 1/2 WITS VERTICAL IN IZ WITS HORIZONTAL (2-1/2:12) OR GREATER. FOR ROOF SLOPES FROM 2 1/2 WITS VERTICAL IN 12 WITS HORIZONTAL (2-1/2:12) TO FOUR WITS VERTICAL IN 12 WITS HORIZONTAL (4-12), DOUBLE WDERLATHENT 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. NAILS SHALL BE CORROSIONREGISTAIN AND NOT LESS THAN II GAGE, SIG-INCH HEAD, AND OF SUFFICIENT LENGTH TO FENETRATE THE DECK A MINIMUM OF 3/4-INCH OR THROUGH THE THICKNESS OF THE DECK, WHICHEVER IS LESS. ATTACHING WIRE FOR CLAY OR CONCRETE TILE SHALL NOT BE SMALLER THAN 0/083-INCH. FERMETER FASTENING AREAS INCLUDE THREE TILE CORRESE BUT NOT LESS THAN 36 INCHES FROM EITHER SIDE OF HIPS OR RIDGES AND EDGES OF EAVES AND GABLE RAKES.
- CLAY AND CONCRETE ROOF TILES SHALL BE FASTENED IN ACCORDANCE WITH THE N.C.-R 17.
- TILE SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS, BASED ON CLIMATIC CONDITIONS, ROOF SLOPE, UNDERLATMENT SYSTEM, AND TYPE OF TILE BEING 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

14

- 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 MAINER 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. THE EXTERIOR WALL ENVELOP

- FIBER CEMENT SIDING CONFORMING TO THE REQUIREMENTS OF THE N.C.-R. 44 COMPLYING WITH ASTM D 3674 SHALL BE FERMITTED ON EXTERIOR WALLS OF BUILDINGS OF TYPE V CONSTRUCTION LOCATED IN AREAS WHERE THE SULTIMATE WIND SPEED SPECIFIED DOES NOT EXCEED LOO MILES PER HOUR AND THE BUILDING HEIGHT IS LESS THAN 40 FEET IN EXPOSITE 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 MUST BE SUBMITTED. FIBER CEMENT SIDING SHALL DE SECURED TO BUILDING HOR DROVIDE WEATHER FROTECTION FOR THE EXTERIOR WALLS OF THE BUILDING.
- 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 A1356 AND, MHERE USED STRUCTURALLY, SHALL BE SO IDENTIFIED BY THE LABEL OF AN APPROVED AGENCY.
- MOOD 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 TONGUE-AND-GROOVE 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 MITH NC-R. LAP SIDING CONSESS 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 MEMBRANES, INSTALLED WITHIN FLOOR-CELLING ASSEMBLIES, ROOT-CELLING ASSEMBLIES, MALL-ASSEMBLIES, CRANL SPACES AND ATTICS SHALL HAVE A FLAME-SPREAD INDEX NOT TO EXCEED 25 WHEN TEGTED IN 16 STOKE-DEVELOPED INDEX NOT TO EXCEED 25 WHEN TEGTED IN 16 STOKE-INDEX NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723
- DUCT INSULATION MATERIALS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS OF THE N.C.-R 2.
- 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. CELECTION INSULATION PACLE CONTROL CONTROL THIN OF SO THE CFR, PARES 1204 AND 1404. EACH PACKAGE OF SUCH INSULATING MATERIAL SHALL BE CLEARLY LABELD IN ACCORDANCE WITH CPSC 16 CFR, PARTS 1204 AND 1404.
- INSULATION IN FLOOR-CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLIES, WALLS, CRANL 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 DETERNINED 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, GASKETED, MEATHERSTRIPPED OR OTHERINGE SEALED WITH AN AIR BARRIER MATERIAL OR SOLID MATERIAL CONSISTENT WITH APPENDIX E-23 AND E-24 OF THE NC-R. I. BLOCKING AND SEALING FLOOR/CELING SYSTEMG AND UNDER KHER WAIL IS GREN TO UNC ONDITIONED OR EXTERIOR SEALED

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 MATERIAL, OR AN AIR BARRIER MATERIAL, WALL INSULATION SHALL BE ENCLOSED AT THE FOLLOWING LOCATIONS WHEN INSTALLED ON EVTED WALLS BEING CONFERED BY SIDESCITE. 10. NSTALLED ON EXTERIOR WALLS PRIOR TO BEING COVERED BY SUBSEC 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 SLEEPING PURPOSES SHALL NOT BE PERMITTED. OTHER OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL EQUIPPED WITH SOLID WOOD DOORS NOT LESS THAN I 3% INCHES IN THICKINESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS
- NO DOUBLE FRENCH DOORS SHALL BE USED UNLESS THERE IS A SUFFICIENT OVERHANG OR COVERED PATIO COVERING THESE DOORS. NO DOUBLE WOOD FRENCH DOORS SHALL BE USED IN ANY CASE.
- PROVIDE SECURITY HARDWARE FOR ALL DOORS AND WINDOWS ANCE 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 REVENT 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 AR 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 SHAL HAVE AT LEAST ONE OPENABLE EMERGENCY ESCAPE AND RESCUE OPENING
 - WHERE EMERGENCY ESCAPE AND RESCUE OPENINGS ARE PROVIDED THEY SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44 INCHES ABOVE 8. THE FLOOR
 - EMERGENCY ESCAPE AND RESCUE OPENINGS WITH A FINISHED SILL HEIGHT BELOW THE ADJACENT GROUND ELEVATION SHALL BE PROVIDED WITH A WINDOW WELL

DOORS & WINDOWS (continued)

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMA 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.
- L EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMUM T 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 OR 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 INNOVA WELL SHALL ALLOW HERREFEVCY ESCAPE AND RESCLE 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 EMERGENCY ESCAPE AND RESCUE OPENNES, BULKHEAD ENCLOSURES, OR WINDOW WELLS THAT SERVE SUCH OPENNES, PROVIDED THE MINIMUM NET CLEAR OPENNES SUE COMPLIES 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 WICH IS REQUIRED FOR NORMAL OPERATION OF THE ESCAPE AND RESCUE OPENING
- ALL INTERIOR EGRESS DOORS AND A MINIMUM OF ONE EXTERIOR EGRESS The interval barded doctor and a minimum of one exterior egges door shall be readule 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 IN NINDOKS 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, WHICH IS VISIBLE IN THE FINAL INSTALLATION. THE DESIGNATION SHALL BE ACID ETCHED, SANDBLASTED, CERAMIC-FIRED, LASER ETCHED, ENBOSSED, OR BE OF A TYPE WHICH ONCE APPLIED CANNOT BE REMOVED WITHOUT BHILLS DESTROYED. 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 DERABLE PARLES OF STIGHTS, SLIDING AND BIFOLD DOORS SLIZING IN AN INDIVIDUAL FIXED 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 BOTTON EDGE IS LESS THAN SO 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 ROOLS, HOT TUBS AND SPAS WHERE THE BOTTOM EDGE O 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 SURFACE OF THE GLAZING IS LESS THAN 36 INCHES ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE.

GLAZING ADJACENT TO THE LANDING AT THE BOTTOM OF STAIRWAYS WHERE 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.

HINGED SHOWER DOORS SHALL OPEN OUTWARD.

CONSERVATION CODE.

GLAZING SHALL BE IN ACCORDANCE WITH ENERGY COMPLIANCE

THE MODEL ENERGY CODE OR THE INTERNATIONAL ENERGY

SECTIONS OF WINDOWS SHALL NOT PERMIT OPENING

CALCULATIONS BASED ON A LOCALLY ADOPTED ENERGY CODE

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

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

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

IN DALLING WITH, MENL THE OFFICIENT OF AN OFFICIALLY MIDDAN FRADE LOCATED MORE THAN 72 INCHES (1824 MM) ABOVE THE FINISHED GRADE OR SURFACE BELOW, THE LOWEST PART OF THE CLEAR OPENING OF THE WINDOW SHALL BE A MINIMUM OF 24 INCHES (6/0 MM) ABOVE THE FINISHED

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

VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE.

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 GYPSUM BOARD MATERIALS AND ACCESSORIES SHALL CONFORM TO ASTM C 22, C 475, C 514, C 1002, C 1041, C 117, C 1175, C 1279, C 1366, AND SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THE NC.-R ADMENUES FOR THE INSTALLATION OF GYPSUM BOARD SHALL CONFORM TO ASTM C 557.

GYPSUM BOARD MATERIALS SHALL CONFORM TO THE APPROPRIATE STANDARDS LISTED IN THE N.C.-R WHERE REQUIRED FOR FIRE PROTECTION, CONFORM TO THE N.C.-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 PERPENDICULAR 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.

EASTENERS AT THE TOP AND BOTTOM PLATES OF VERTICAL ASSEMBLIES FADENCES AT THE TOP AND BOTTOM PLATES OF VENTICAL 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 SHALL 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 SITESINE BUARD USED AS THE BURGE ON BUALLER TO A RUTESIVE APPLICATION OF CERAMIC TILE OR OTHER REQUIRED NON-ABSORBENT FINISH MATERIAL SHALL CONFORM TO ASTM C 1996, C 1175 OR C1275. USE OF WATER-RESISTANT GYPENM BACKING BOARD SHALL BE PERMITTED ON 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 SYPSUM 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 AND A AFE ING AN AN LEARNAGED LEARNE MALENNE, THE MINIMUM GYPSUM BOARD THICKES 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 OTHERNISE, ALL NALL COVERNISS SHALL BE SECURELY 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 0.014-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 WALLS IN ACCORDANCE WITH ASTM C 926. THE HEEP SCREED SHALL BE PLACED A MINIMUM OF 4 INCHES ABOVE THE EARTH OR 2 INCHES ABOVE PLAYED AREAS AND SHALL BE OF A TYPE THAT WILL ALLOW TRAPPED WATER TO DRAIN TO THE EXTERIOR OF THE BUILDING. THE MEATHER-RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED. A MINIMUM 0.019-INCH (NO. 26 GALVANIZED SHEET GAGE),

EXTERIOR PLASTER

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4.

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 DECAY-RESISTANT WOOD OR SYPSUM BACKING. IF THE PLASTER SURFACE IS COMPLETELY COVERED BY VENEER OR OTHER FACING MATERIAL OR IS COMPLETELY COVERALED, 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 BELO LATH, PAPER AND SCREED.

THE PROPORTION OF AGGREGATE TO FIBER CEMENT MATERIALS SHALL BE AS SET 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 PUTTY 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



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 MIST 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 TEMPERATURE SET POINTS AT DIFFERENT TIMES 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.
- 8. DUCTS IN THE GARAGE AND DUCTS PENETRATING THE WALLS OR CEILINGS SEPARATING THE DHELLING 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 UNATE STACE SETERIS. IN A CRARE STACE, A MINIMUM DF 2-INCH THICK SOLID BASE, 2-INCH (SI MM) THICK FORMED CONCRETE, OR STACKED MASONRY UNITS HELD IN PLACE BY MORTAR OR OTHER APPROVED METHOD. THE VATER HALTER 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 BATHROOMS CONTAINING A BATHTUB, SHOVER 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 PER N.C.-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 CORDER
- MHERE 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 PIEP ROVIDED 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.
- 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 CFM 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 MINITE, SUCH MAKEUP AIR SYSTEMS SHALL BE EQUIPPED WITH A TEN MINUE. SOUTH INFOLD FUNCTION STATEMENT OF A DATA THE DE L'UNITED AND MANY AND STATE ST
- 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 MAINIAINED IN SUCH A MANNER SO AS 10 HEVENI CONTAMINATION FROM NONPOTABLE LIQUIDS, SOLDS OR GASES BEING INTRODUCED INTO THE POTABLE MATER 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 50 AS TO PREVENT BACKFLOW, PLUMBING FIXTURE FITTINGS SHALL PROVIDE BACKFLOW PROTECTION IN ACCORDANCE WITH ASME AU2.18.1

MECHANICAL &

PLUMBING (continued)

8.

- ALL DEVICES, APPURTENANCES, 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 ASAINST BACKFLOW AND CONTAMINATION OF THE WATER SUPPLY SYSTEM, WATER FUMPS, FILTERS, SOFTENERS, 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, FAUCETS AND DIVERTERS SHALL BE CONNECTED TO THE WATER DISTRIBUTION SYSTEM SO THAT HOT WATER CORRESPONDS TO THE LETT 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 M ADDITION TO THE REQUIREMENTS IN N.C.-P
- THE INSTALLATION OF A WATER SERVICE OR WATER DISTRIBUTION PIPE THE INSTALLATION OF A WATER SERVICE OR WATER DISTRIBUTION PIPE SHALL BE FROMINIED 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.-PLUMBING. 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 CONCELLO AL UNIDER VALUES 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 AND STREESES IN THE PIPE. PROVISIONS SHALL BE MADE TO PROTECT PIPING FROM DAMAGE RESULTING FROM EXPANSION, CONTRACTION AND STRUCTURAL SETTLEMENT. PIPING SHALL BE INSTALLED TO AVOID STRUCTURAL STREESES 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 NATER 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 LISTED IN N.C.-R. 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 N.C.-P.
- WHERE WASTE LINE DROPS OCCUR IN A LOCATION WHERE THE SOUND OF A FLUSHED TOILET MAY BE UNDESIRABLE, 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 ASE ICIDE/ ASME AIIZ.OIG(CSA BI2516, AND SHALL BE INSTALLED AND ADJISTED PER MANUFACTURE'S INSTRUCTIONS.
- 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, (JSING SOLID, LIQUID OR GAS FUEL) WITH THE EXCEPTION OF THOSE HAVING DIRECT VENT SYSTEMS, SHALL NOT BE INSTALLED IN BATHROOMS AND BEDROONS 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 FUNDING 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 REIGHT 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. REMOTE LOCATIONS SUCH AS SUSPENDED CEILING, ATTICS, ABOVE OCCUPIED SPACES, OR UNVENTILATED CRANL SPACES, A LOCATION INFERE 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 MINIMM 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 AII2.1.3 OR AII2.1.2 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 MM) IN OUTSIDE DIAMETER. THE DISHWASHER DISCHARGE PIPE OR TUBING SHALL RISE TO THE UNDERSIDE OF THE CONTRET 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 127.
- 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, IS- AND 20-AMPERE RECEPTACLES INSTALLED IN THE LOCATIONS SPECIFIED BELON SHALL HAVE ROUND-FAULT CIRCUIT-INTERRUPTER FORTECTION FOR PERSONNEL. THE GROUND-FAULT CIRCUIT-INTERRUPTER SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION. 5.
 - 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
- CRAML SPACES. WHERE THE CRAML 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. б.
- BOAT HOUSES.
- BATHTUBS OR SHOWER STALLS WHERE RECEPTACLES ARE INSTALLED WITHIN 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
- CRAML SPACE LIGHTING OUTLETS. GFCI PROTECTION SHALL BE PROVIDED FOR LIGHTING OUTLETS NOT EXCEEDING 120 VOLTS INSTALLED IN CRAML 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 DIRELLING UNTS, RECEPTACLE UNILETS SHALL BE INSTALLED SO THAT NO POINT ALONG THE FLOOR LINE IN ANY MALL SPACE IS MORE THAN 6 FTET, MESURED HONZONTALLY, FROM AN OUTET IN THAT SPACE, INCLUDING ANY HORIZONTALLY, FROM AN OUTLET IN THAT SPACE, INCLUDING ANY MALL SPACE 2 FEET OR MORE IN WIDTH (INCLUDING SPACE MEASURED ARCUND CORNERS) AND UNBROKEN ALONG THE FLOOR LINE BY DOORNAYS AND SIMILAR OFENINGS, FIREFLACES, AND FIXED CABINETS, AND THE MALL SPACE OCCUPIED BY FIXED PANELS IN EXTERIOR MALLS, BUT EXCLUDING SANELS IN EXTERIOR MALLS, THE WALL SPACE AFFORDED BY FIXED ROOM IVIDERS, SUCH AS FREESTANDING BAR-TYPE CONTERS OR RAILINGS, SHALL BE INCLUDED IN THE 6 FOOT MEASUREMENT.
- IN THE KITCHEN, PANTRY, BREAKFAST ROOM, DINING ROOM, OR SIMILAR AREA OF A DIVELLING UNIT, THE TWO OR MORE 20-AMPERE SHALL-APPLIANCE BRANCH CIRCUITS REQUIRED SHALL SERVE ALL WALL AND FLOOR RECEPTACLE OUTLETS. ALL COUNTERTOP OUTLETS. AND RECEPTACLE OUTLETS FOR REFRIGERATION EQUIPMENT. THE TWO OF MORE SMALL-APPLIANCE BRANCH CIRCUITS SHALL HAVE NO OTHER OUTLETS
- ю. 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 50 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.
- (3) AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED AT EACH PENNSULAR COUNTER SPACE WITH A LONG DIMENSION OF 24 INCHES OR GREATER AND A SHORT DIMENSION OF IS INCHES OR GREATER. A PENNSULAR COUNTERTOP IS MEASURED FROM CONNECTING PERPENDICULAR WALL.
- CONTERTOP SPACES SEPARATED BY RANGE TOPS, REFRIGER-ATORS, OR SINKS SHALL BE CONSIDERED AS SEPARATE CONTER-TOP SPACES IN APPLYING THE REQUIREMENTS OF (1), (2), AND (3) ABOVE. IF A RANGE CONTER-MONTED COOKING UNIT, OR SINK IS INSTALLED IN AN ISLAND OR PENNSULAR CONTERTOP AND THE DEPTH OF THE CONTER BEHIND THE ITEM IS LESS THEN IS INCHES. IT WILL BE CONSIDERED TO DIVIDE THE CONTERTOP SPACE INTO NO SEPARATE CONTERTOP SPACES. EACH CONTERTOP SPACE SHALL COMPLY WITH APPLICABLE REQUIREMENTS.
- (5) RECEPTACLE OUTLETS SHALL BE LOCATED NOT MORE THAN 20 INCHES ABOVE THE COUNTERTOP, RECEPTACLE OUTLETS RENDERED NOT READLY ACCESSIBLE BY APPLIANCES FASTENED IN PLACE, APPLIANCE GARAGES, 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 ELECTRIC POWER, THE BRANCH CIRCUIT SUPPLYING THIS 13. ELECTION FOR THE MALE NOT SUPPLY OUTLIES OUTSIDE OF THE GARAGE. AT LEAST ONE RECEPTACLE OUTLIES SHALL BE INSTALLED IN EACH VEHICLE BAY.
- CABLE- OR RACEWAY-TYPE WIRING METHODS INSTALLED IN A GROOVE. 14. TO BE COVERED BY MALL BOARD, SIDING, PANELING, CARETING, OR SIMILAR FINISH, SHALL BE PROTECTED BY ING INCH THICK STEEL PLATE, SLEEVE, OR EQUIVALENT OR BY NOT LESS THAN I-1/4 INCH FREE SPACE FOR THE FULL LENGTH OF THE GROOVE IN WHICH THE CABLE OR RACEWAY S INSTALLED.
- 15. RECEPTACLES IN DAMP OR WET LOCATIONS.

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OCATION

UNIQUE COMBINATION

CONNECTED TO A CENTRAL STATION

WITH THE NC-R R314.3

SMOKE DETECTORS

- A RECEPTACLE INSTALLED OUTDOORS IN A LOCATION PROTECTED FROM WEATHER OR IN OTHER DAMP LOCATIONS SHALL HAVE AN ENCLOSURE FOR THE RECEPTACLE THAT IS VEATHERPROOF WHEN THE RECEPTACLE IS COVERED. (ATTACHMENT PLUS CAP NOT INSERTED AND RECEPTACLE COVERS (LOSED.)
- ALL IS- AND 20- AMPERE, I2S- AND 250-VOLT RECEPTACLES INSTALLED IN A WET LOCATION SHALL HAVE AN ENCLOSURE THAT IS WEATHER FROOT WHETHER OR NOT THE ATTACHMENT PLUS CAP IS INSERTED. AN OUTLET BOX HOOD INSTALLED FOR THIS PURPOSE SHALL BE LISTED AND SHALL BE IDENTIFIED AS "EXTRA DUTY". ALL IS- AND 20- AMPERE, I2S- AND 250-VOLT NONLOCKING RECEPTACLES SHALL BE LISTED WEATHER RESISTANT TYPE.

I6. LIGHTING EQUIPMENT. NOT LESS THAN 75 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, DARLORS, LIBRARES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLMAYS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER(S), COMBINATION-TYPE, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT. THE ARC-FAULT INTERRUPTER SHALL BE INSTALLED IN A READILY ACCESSIBLE

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_2^{\downarrow} 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 NEPA 72.

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

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 IZ THAT INCLUES SHOLL ARACHS, OUR OUTSINGTION OF SHOLL DE LEUTON AND AUDILLE NOTIFICATION DEVICE INSTALLED AS REQUIRED BY THE NG-R R3IA3 FOR SMOKE ALARMS, SHALL BE PERMITTED. THE HOUSEHOLD FIRE ALARM SYSTEM SHALL PROVIDE THE SAME LEVEL OF SMOKE DETECTION

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-PLUS CONVECTED.

20. 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.

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

ELECTRICAL (continued)

CARBON MONOXIDE ALARMS

CARBON MONOXIDE ALARMS IN DWELLING UNITS SHALL BE INSTALLED OUTSIDE 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 R315 AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

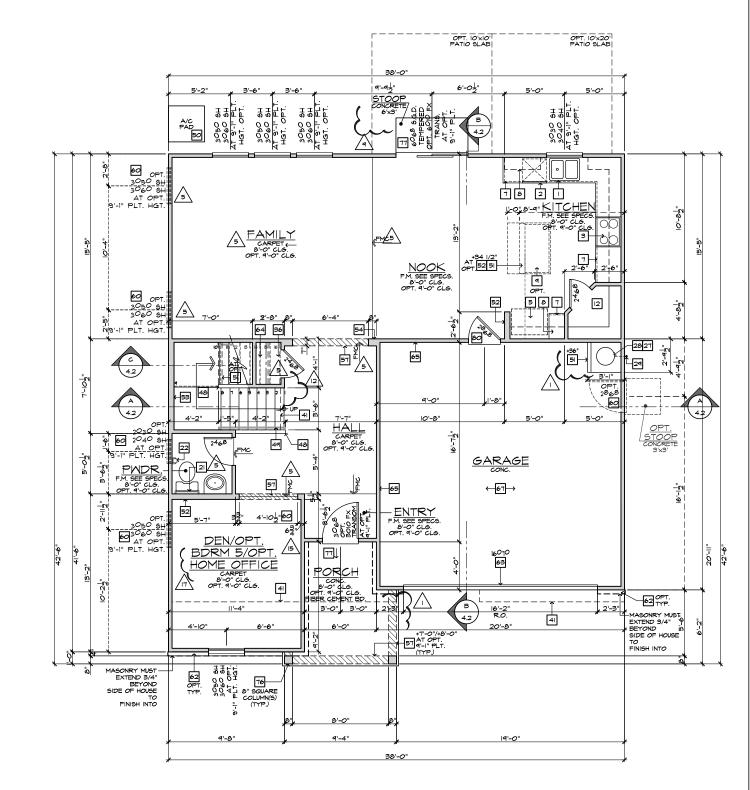
COMBINATION CARBON MONOXIDE AND SMOKE ALARMS SHALL BE PERMITTED TO BE USED IN LIEU OF INDIVIDUAL CARBON MONOXIDE OR SMOKE ALARMS.

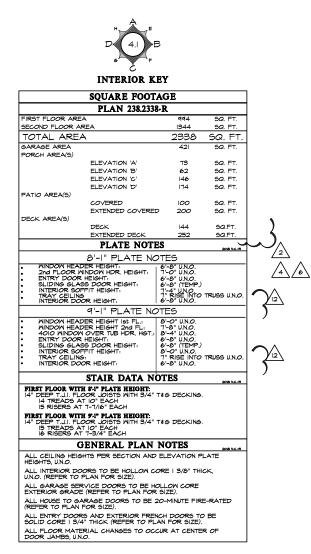
DRYER VENT

2.

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

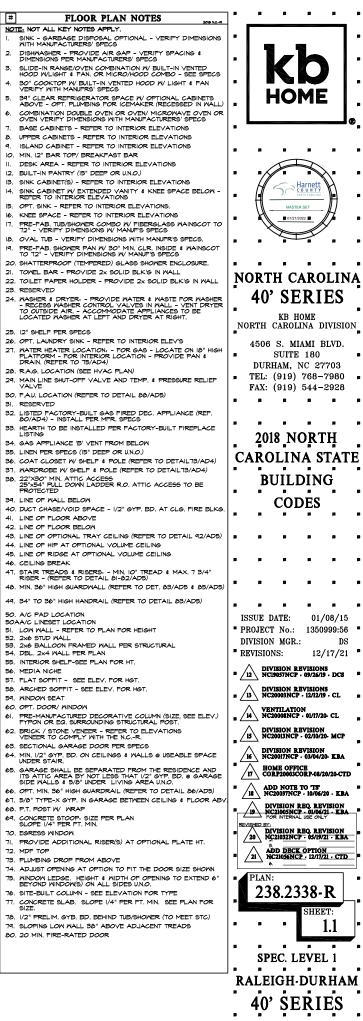


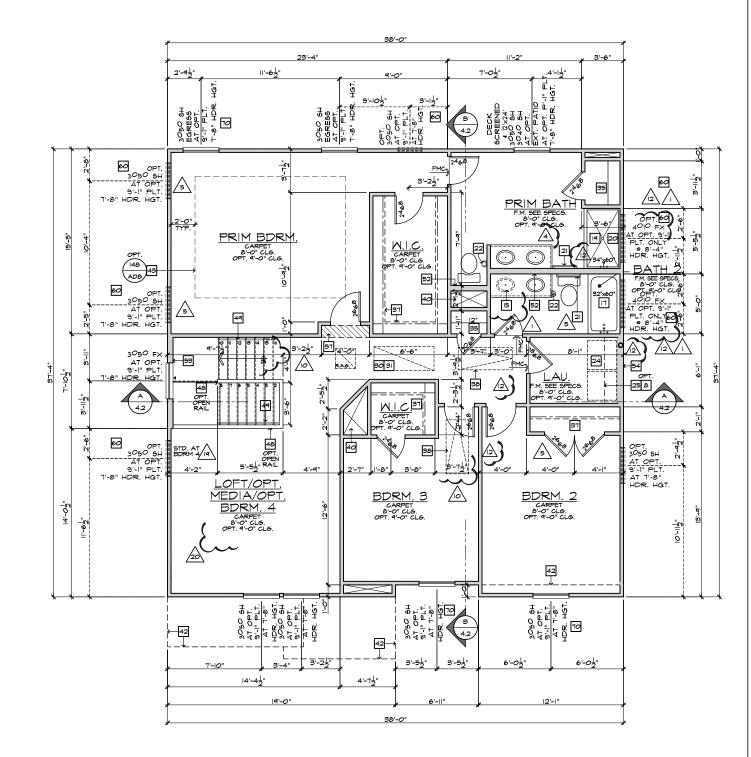


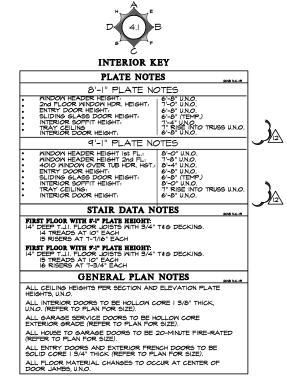




SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

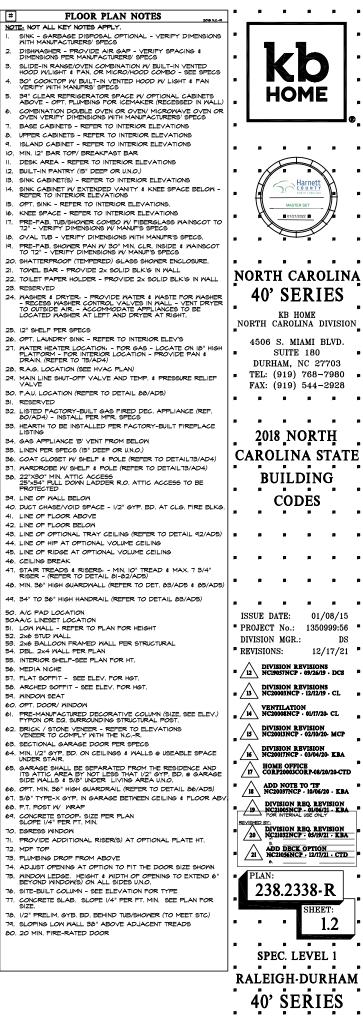






SECOND FLOOR PLAN 'A'

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

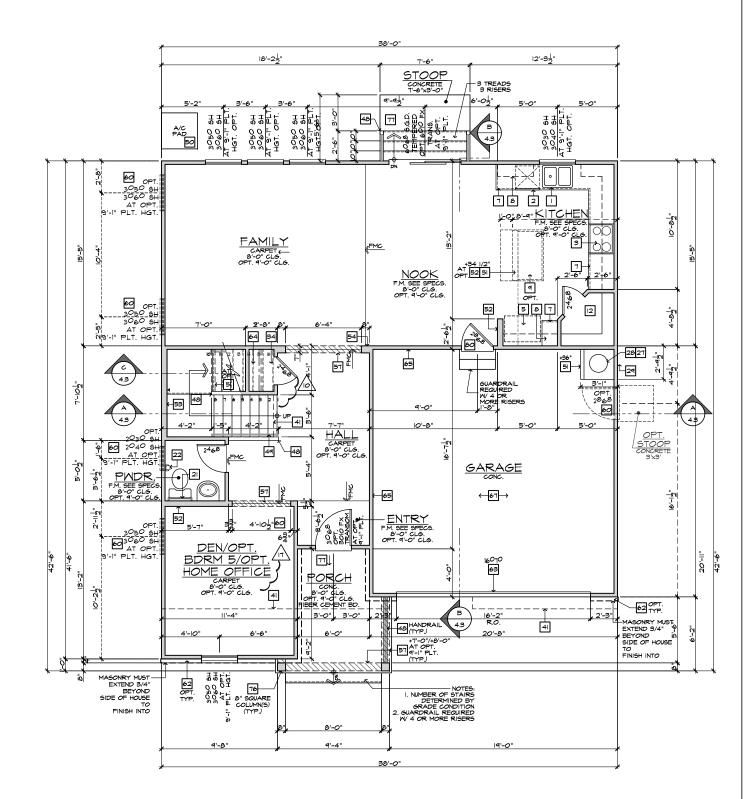


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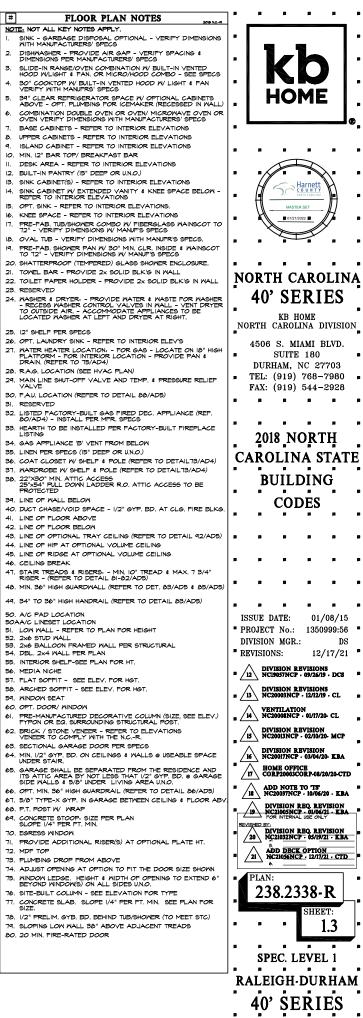
INTERIOR VEV

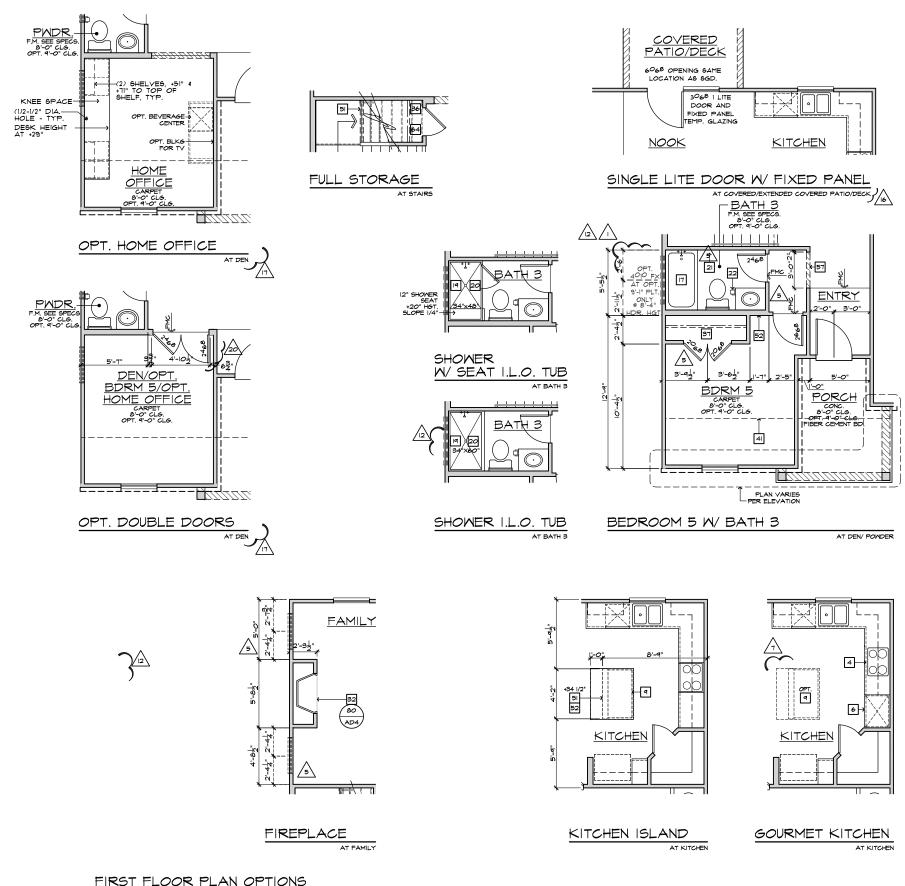
	INTERIOR K	EI	
	PLAN 238.233	8-R	
FIRST FLOOR ARE	A	994	SQ. FT.
SECOND FLOOR A	REA	1344	SQ. FT.
TOTAL ARE	Ą	2338	SQ. FT.
GARAGE AREA		421	SQ. FT.
PORCH AREA(S)			
	ELEVATION 'A'	73	SQ. FT.
	ELEVATION 'B'	62	SQ. FT.
	ELEVATION 'C'	146	SQ. FT.
	ELEVATION 'D'	174	SQ. FT.
PATIO AREA(S)			
	COVERED	100	SQ. FT.
	EXTENDED COVERE	D 200	SQ. FT.
DECK AREA(S)			
	DECK	144	SQ.FT.
	EXTENDED DECK	252	SQ.FT.
	PLATE NOT	ES	2018 N.CR
	8'-I" PLATE NO	OTES	
ENTRY DOOR	NINDOW HDR. HEIGHT: 2 HEIGHT: 35 DOOR HEIGHT: FFIT HEIGHT: 5 OR HEIGHT:	6'-8" U.N.O. 7'-0" U.N.O. 6'-8" U.N.O. 6'-8" (TEMP.) 7'-4" UNO. 7" RISE INTO 6'-8" U.N.O.	TRUSS U.N.O.
	9'-1" PLATE NO	OTES	
WINDOW HEA 4010 WINDOW ENTRY DOOR	SS DOOR HEIGHT: FFIT HEIGHT: S:	8'-0" U.N.O. 7'-8" U.N.O. 8'-4" U.N.O. 6'-8" U.N.O. 6'-8" U.N.O. 6'-8" U.N.O. 7" RISE INTO 6'-8" U.N.O.	TRUSS U.N.O.

	STAIR DATA NOTES	2018 N.CR
14" DEE 14	100r with \$-1" plate height: IP T.J.I. Floor Joists With 3/4" t&g decking. Treads at 10" each Risers at 7-7/16" each	
14" DEE 15	1.00R WITH 9-1" PLATE HEIGHT: IP T.J.I. FLOOR JOISTS WITH 3/4" T&G DECKING. TREADS AT 10" EACH RISERS AT 7-3/4" EACH	
	GENERAL PLAN NOTES	2018 N.CR
	ILING HEIGHTS PER SECTION AND ELEVATION PLAT 5, U.N.O.	E
	TERIOR DOORS TO BE HOLLOW CORE 3/8" THICK, REFER TO PLAN FOR SIZE).	
	NRAGE SERVICE DOORS TO BE HOLLOW CORE OR GRADE (REFER TO PLAN FOR SIZE).	
	USE TO GARAGE DOORS TO BE 20-MINUTE FIRE-R. . TO PLAN FOR SIZE).	ATED
	TRY DOORS AND EXTERIOR FRENCH DOORS TO BE CORE I 3/4" THICK (REFER TO PLAN FOR SIZE).	
	OOR MATERIAL CHANGES TO OCCUR AT CENTER O JAMBS, U.N.O.	F



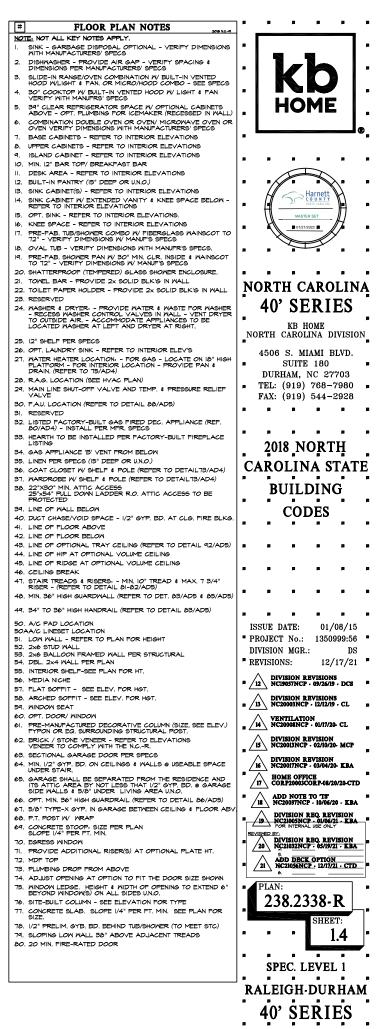
FIRST FLOOR PLAN 'A' W/ CRAWL SPACE SCALE 1/4"=1'-0" (22"X34") - 1/0"=1'-0" (11"X17")

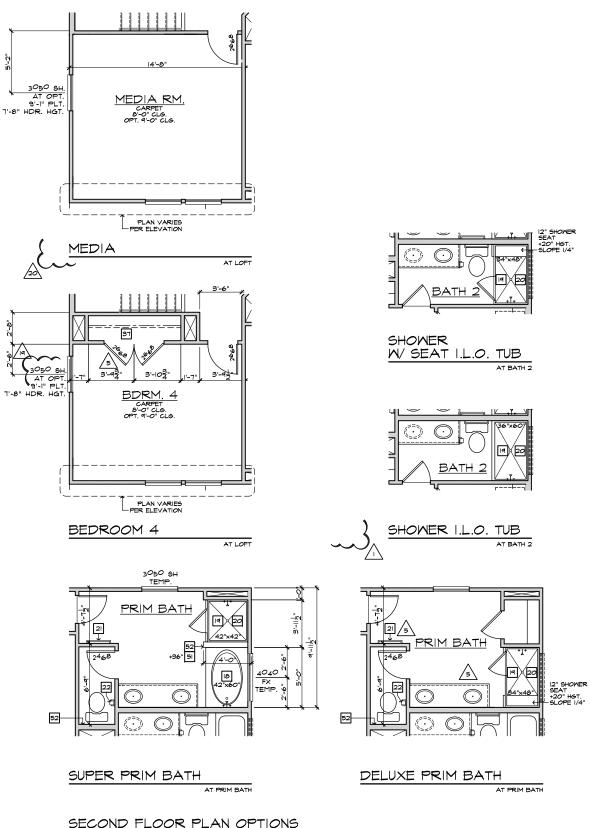


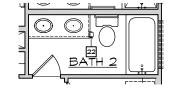


SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X17")

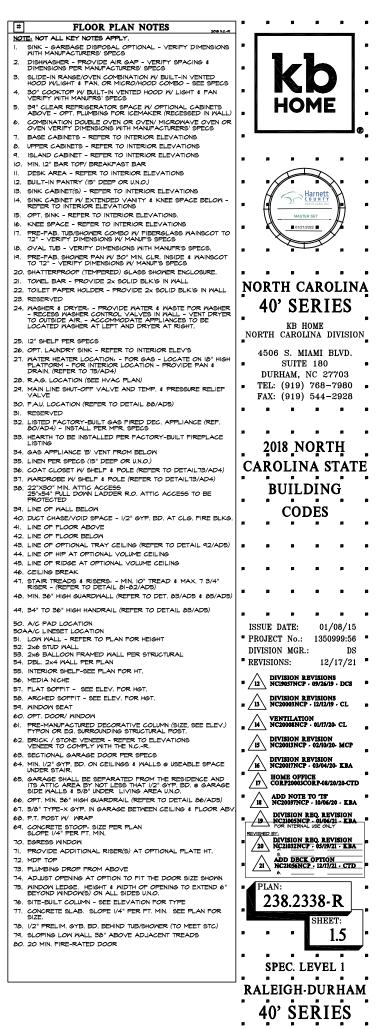
BASIC PLAN

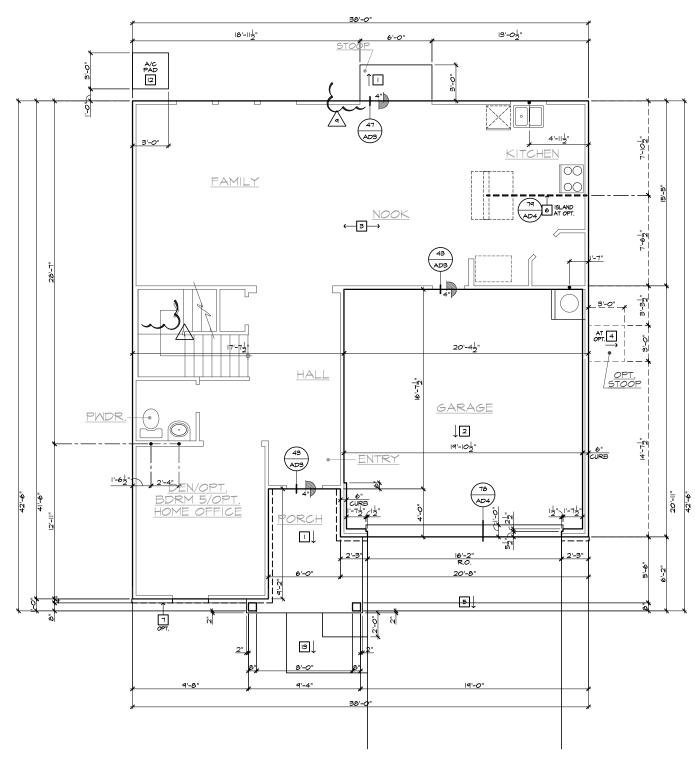






VANITY <u>W/ DUAL SINKS</u> AT BATH 2





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

BASIC PLAN AT SLAB-ON-GRADE

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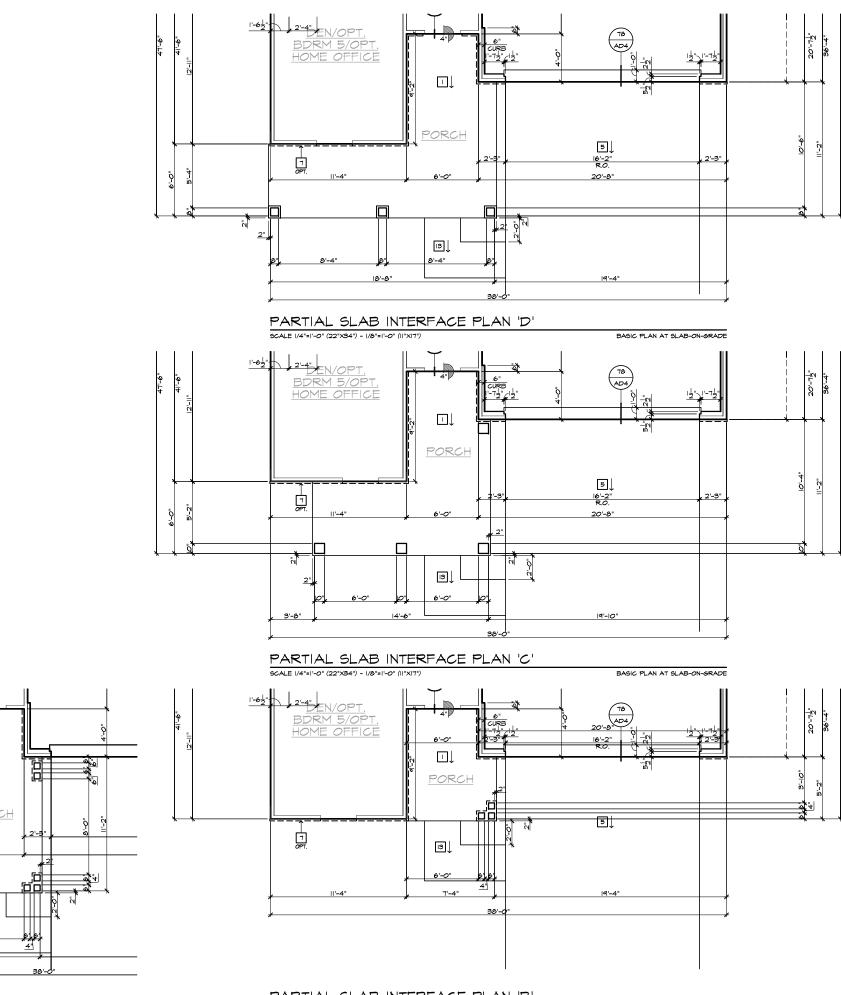
- CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.
- CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/6" PER. 1-0" MIN. TOMARD DOOR OPENING.
 CONCRETE FOUNDATION PER STRUCTURAL.
- . CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.
- 5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
- 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.
- REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
- 10. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.
- 4" MIN. 8 I/4" MAX. TO HARD SURFACE.
 A/C PAD. VERIFY LOCATION.
- 13. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.

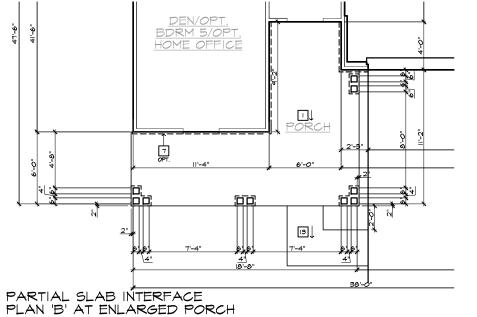
Harnet MASTER SET 01/21/2022 NORTH CAROLINA 40' SERIES KB HOME NORTH CAROLINA DIVISION 4506 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703 ■ TEL: (919) 768-7980 ■ FAX: (919) 544–2928 2018 NORTH CAROLINA STATE BUILDING CODES **P** . . ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR .: DS [®] REVISIONS: 12/17/21 [®] DIVISION REVISIONS NCI9057NCP · 09/26/19 · DCS B /13 DIVISION REVISIONS NC20003NCP · 12/12/19 · CL WENTILATION NC20008NCP · 01/17/20- CL B LIS DIVISION REVISION NC20013NCP - 02/10/20- MCP 16 DIVISION REVISION NC20017NCP - 03/04/20- KBA HOME OFFICE CORP20003CORP-08/20/20-CTD ADD NOTE TO 'TS' NC20037NCP - 10/06/20 - KBA DIVISION REQ. REVISION 19 DIVISION REQ. REVISION NC21005NCP - 01/06/21 - KBA 20 DIVISION REQ. REVISION NC21032NCP - 05/19/21 - EBA ADD DECK OPTION NC21055NCP - 12/17/21 - CTD PLAN: 238.2338-R SHEET: . 2.1 р р 8 SPEC. LEVEL 1 . . . raleigh durham 40' SERIES

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HOME





SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7") BASIC PLAN AT SLAB-ON-GRADE SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X17")

#	SLAB PLAN NOTES] "	
NO	TE: NOT ALL KEY NOTES APPLY.	1	
т.	CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.	P	
2.	CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. I'-O" MIN. TOWARD DOOR OPENING.	•	
з.	CONCRETE FOUNDATION PER STRUCTURAL.		
4.	CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.	B	
5.	CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.		HOME
6.	PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.	[
7.	5" BRICK LEDGE FOR MASONRY VENEER.	8	
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.	•	
10.	VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.		
п.	4" MIN. 8 1/4" MAX. TO HARD SURFACE.	-	
12.	A/C PAD. VERIFY LOCATION.		H Content
13.	36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.	8	NORTH CAROLINA
			MASTER SET
			B 01/21/2022 B
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NORTH CAROLINA 40' SERIES KB HOME NORTH CAROLINA DIVISION 4506 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703 ■ TEL: (919) 768-7980 ■ FAX: (919) 544-2928 2018 NORTH CAROLINA STATE BUILDING CODES 8 ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR .: DS REVISIONS: 12/17/21 📍 DIVISION REVISIONS NCI9057NCP - 09/26/19 - DCS B 13 DIVISION REVISIONS NC20003NCP · 12/12/19 · CL NC20006NCP · 01/17/20- CL DIVISION REVISION NC20013NCP · 02/10/20- MCP 16 DIVISION REVISION NC20017NCP - 03/04/20- KBA HOME OFFICE ADD NOTE TO 'TS' NC20037NCP - 10/06/20 - KBA DIVISION REQ. REVISION NC21005NCP - 01/06/21 - KBA 20 DIVISION REO. REVISION NC21032NCP - 05/19/21 - EBA 21 ADD DECK OPTION NC21056NCP - 12/17/21 - CTD

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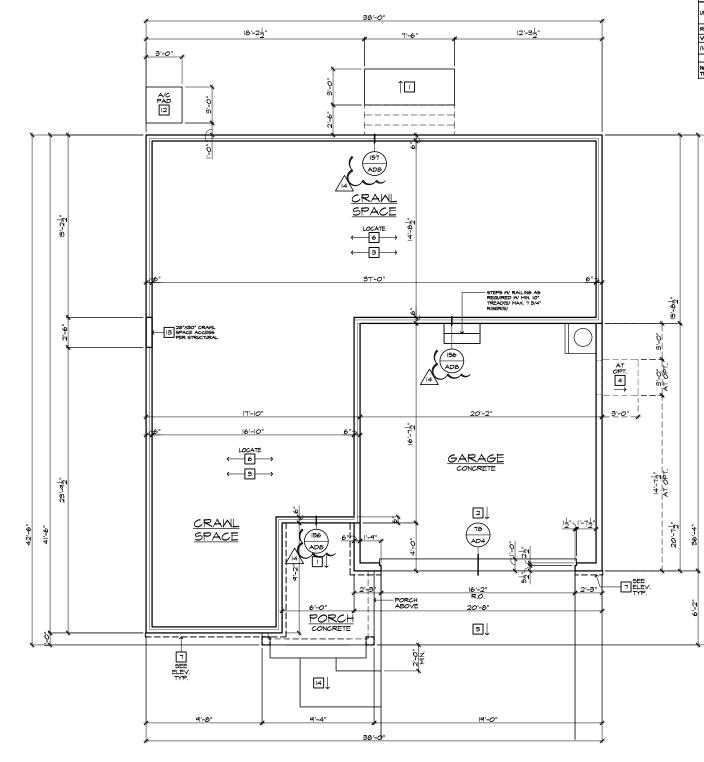
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PARTIAL SLAB INTERFACE PLAN 'B'

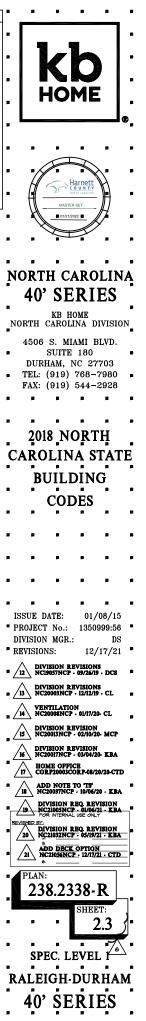


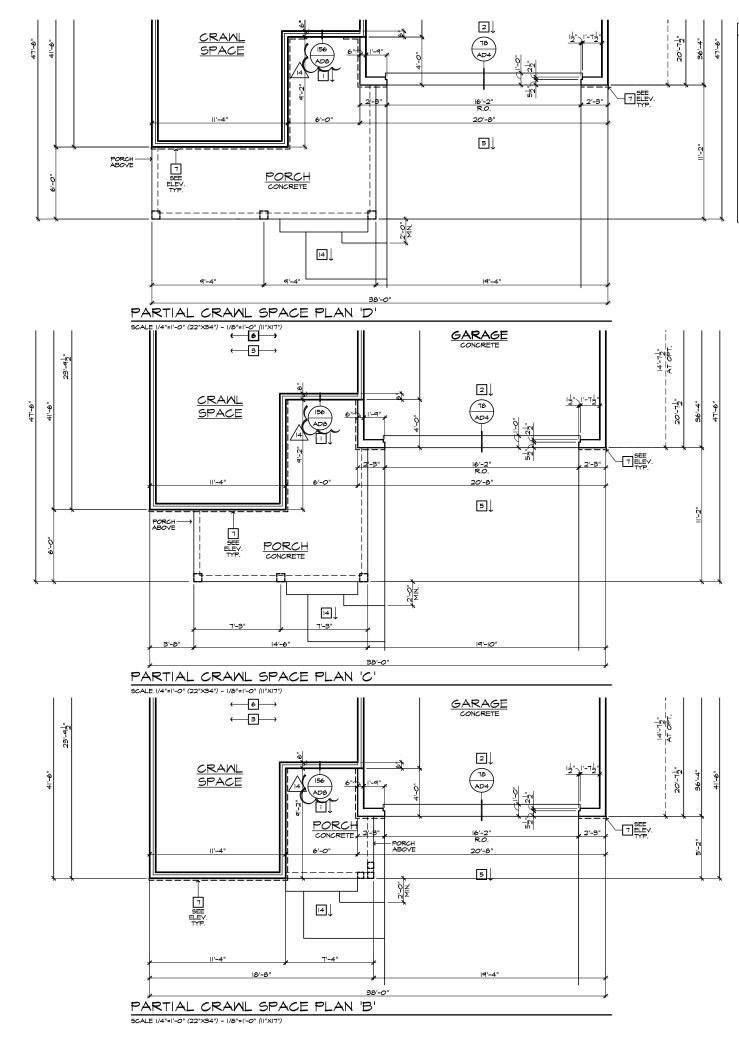
CRAWL SPACE PLAN 'A'

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

NOTE: NOTES APPLY. 1. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. 2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/6" PE I/-0" MIN. TOWARD DOOR OFENING. 3. FOUNDATION PER STRUCTURAL. 4. STAIR LANDING. S6*36" MIN. 5. CONCRETE DARAGE DOOR OFENING. 7. STAIR LANDING. S6*36" MIN. 6. CONCRETE DRIVENAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OFENING. 7. 4" TOE KICK FOR MASONRY VENEER. 8. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMEDMENT INTO CONCRETE. 9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. 10. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL 11. 4" MIN. 13'/4" MAX. TO HARD SURFACE. 12. A/C PAD. VERIFY LOCATION. 13. CRAAL SPACE ACCESS 14. 36" WIDE WALKWAY SLOPE I/4" PER FT. MIN. MODER FLOOR AREA SHALL COMPLY WITH NORC 2016 UNDER FLOOR AREA SHALL COMPLY WITH NORC 2016 UNDER FLOOR AREA SHALL COMPLY WITH NORC 2016 UNDER FLOOR AREA SALCULATION = 994 SQ. FT. / 150 6:63 SQ. FT NEREQURED AREA X 144 = 954 SQ. IN	NOTE: NOT ALL KEY NOTES APPLY. 1. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. 2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/4" MIN. TOWARD DOOR OFENING. 3. FOUNDATION PER STRUCTURAL. 4. STAIR LANDING. 35: %26" MIN. 5. CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. 6. PROVIDE UNDER FLOOR VENTLATION 7. 4" TOE KICK FOR MASONRY VENEER. 8. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEMENT INTO CONCRETE. 9. REFER TO CIVIL DRAMINGS FOR ALL FINISH SURFACE ELEVATIONS. 10. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL 11. 4" MIN. 13" CMBEMEMENT INTO CONCRETE. 12. A/C PAD. VERIFY LOCATION. 13. CRANL SPACE ACCESS 14. SMIDE MALKWAY-SLOPE I/4" PER FT. MIN. NDER FLOOR AREA CALCULATION = 944 50. FT. / ISO 665 30. FT. NDER FLOOR AREA CALCULATION = 944 50. FT. / ISO 665 30. FT.	#	FOUNDATION PLAN NOTES
 1/4" PER FT. MIN. 2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PE 1-0" MIN. TOWARD DOOR OPENING. 3. FOUNDATION PER STRUCTURAL. 4. STAIR LANDING. 36"x36" MIN. 5. CONCRETE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. 6. PROVIDE UNDER FLOOR VENTILATION 7. 4" TOE KICK FOR MASONRY VENEER. 8. 9" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH NITH MIN. 12" EMBEDHEMT INTO CONCRETE. 9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. 10. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL. 11. 4" MIN. 13/4" MAX. TO HARD SURFACE. 12. A/C PAD. VERIFY LOCATION. 13. CRAPL SPACE ACCESS 14. 36" WIDE WALKMAY SLOPE 1/4" PER FT. MIN. MORE FLOOR AREA SHALL COMPLY WITH NCRC 2016 MIDER FLOOR AREA SHALL COMPLY WITH NCRC 2016 MERE FLOOR AREA CALCULATION = 994 92, FT. / 150 663 92, FT REQUIRED AREA X 144 = 954 52, IN VENTLATION RROVIDED. 	14" PER FT. MIN. 2. CONCRETE GARAGE GLAB PER STRUCTURAL - SLOPE 1/8" PER 1-0" MIN. TOWARD DOOR OPENING. 5. FOUNDATION PER STRUCTURAL. 4. STAIR LANDING: 56"x36" MIN. 5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. 6. PROVIDE UNDER FLOOR VENTILATION 4" TOE KICK FOR MASONRY VENEER. 8. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEMENT INTO CONCRETE. 9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. 10. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL 14" MIN. 13" 4." MAX. TO HARD SURFACE. 2. A/C PAD. VERIFY LOCATION. 3. G" MIDE WALKWAY SLOPE 1/4" PER FT. MIN. NORE FLOOR VERIFY LOCATION. DEER FLOOR AREA SHALL COMPLY WITH NCRC 2018 NDER FLOOR AREA ASHALL COMPLY WITH NCRC 2018	NO	
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ENTILATION PROVIDED:	entilation provided:	NDER	FLOOR AREA CALCULATION = 994 50. FT. / 150 6.63 50. FT.
		equir	RED AREA X 144 = 954 SQ. IN.
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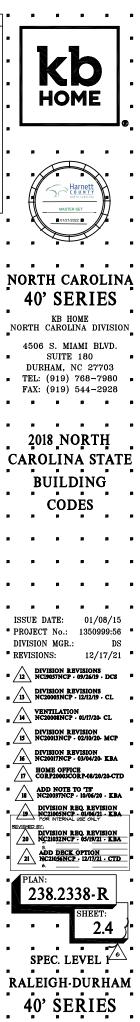
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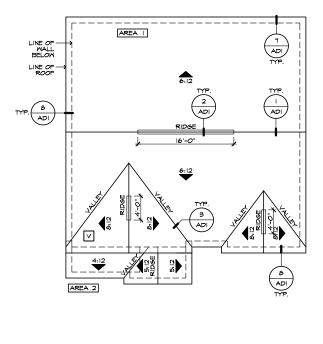




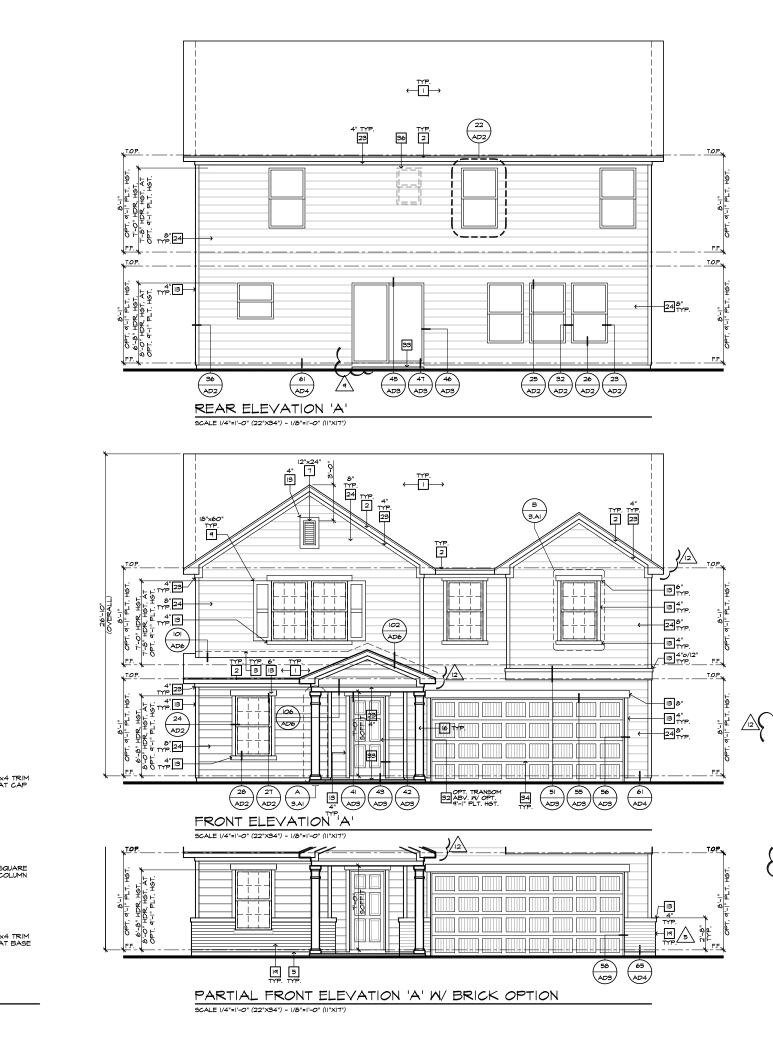
FOUNDATION PLAN NOTES NOTE: NOT ALL KEY NOTES APPLY.

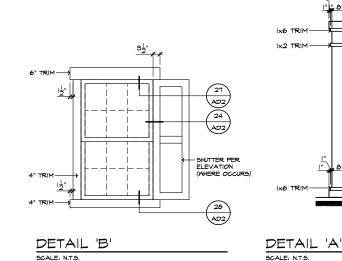
- CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE
- CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENING.
- FOUNDATION PER STRUCTURAL. STAIR LANDING: 36"x36" MIN.
- CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
- PROVIDE UNDER FLOOR VENTILATION
- 4" TOE KICK FOR MASONRY VENEER.
- 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
- REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE
- O. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL
- 4" MIN. 7 3/4" MAX. TO HARD SURFACE.
- A/C PAD. VERIFY LOCATION.
 CRAWL SPACE ACCESS
- 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN





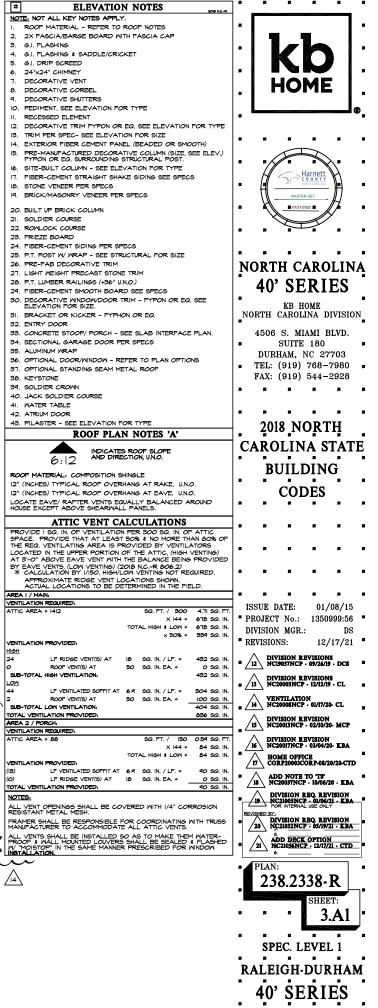


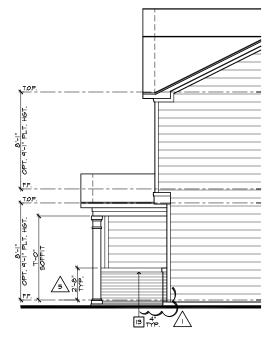




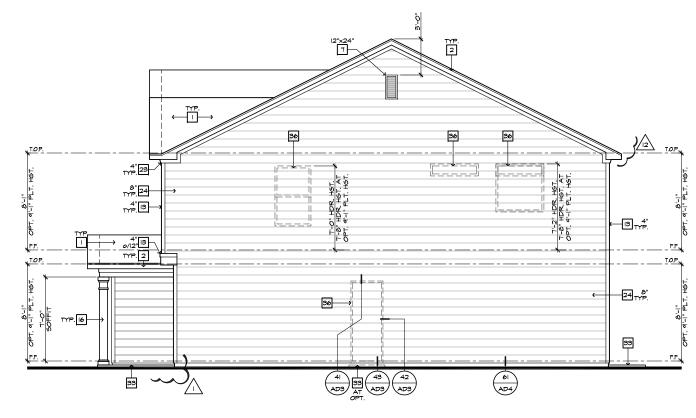
-Ix4 TRIM AT CAP

- SQUARE COLUMN

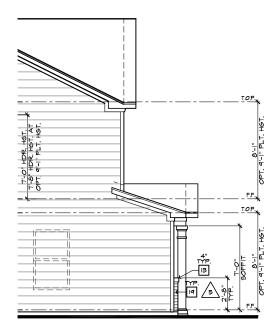




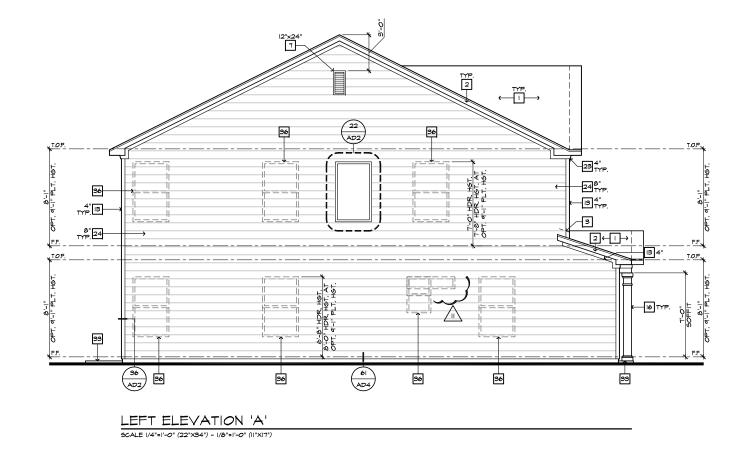
PARTIAL RIGHT ELEVATION 'A' W/ BRICK OPTION SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X17",



RIGHT ELEVATION 'A' SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X17")



PARTIAL LEFT ELEVATION 'A' W/ BRICK OPTION SCALE I/4"=I'-0" (22"X34") - I/8"=I'-0" (II"XI7",



Harnet

01/21/2022

BUILDING

CODES

" PROJECT No.: 1350999:56 "

DIVISION REVISIONS NCI9057NCP - 09/26/19 - DCS B 13 DIVISION REVISIONS NC20003NCP · 12/12/19 · CL

WENTILATION NC20008NCP · 01/17/20- CL

DIVISION REVISION NC20013NCP - 02/10/20- MC

HOME OFFICE CORP20003CORP-08/20/2

DIVISION REVISION NC20017NCP · 03/04/20

ADD NOTE TO 'TS' NC20037NCP · 10/06/20 · KBA

20 DIVISION REO. REVISION NC21032NCP - 05/19/21 - KBA

238.2338-R

SPEC. LEVEL 1 RALEIGH-DURHAM

40' SERIES

ADD DECK OPTION NC21056NCP - 12/17/21 - CTD

SHEET: 3.A2

DIVISION REQ. REVISION NC21005NCP - 01/06/21 - KB/

01/08/15

DS

12/17/21 🏾

ISSUE DATE:

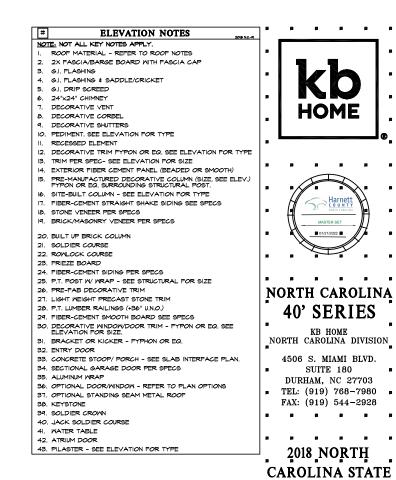
REVISIONS:

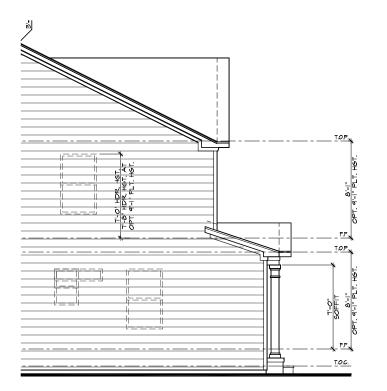
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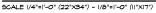
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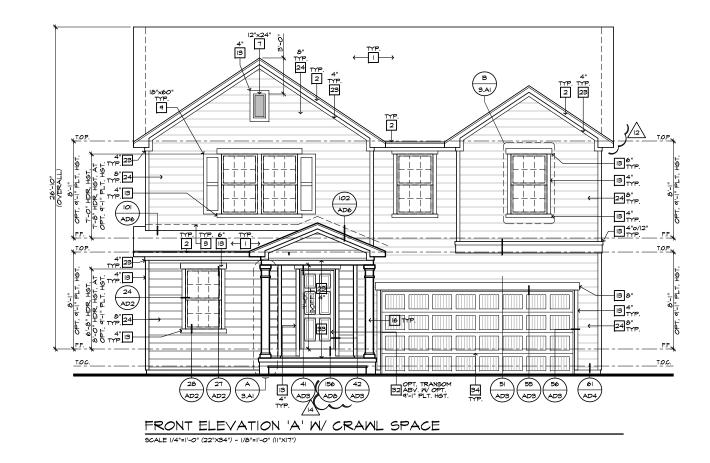
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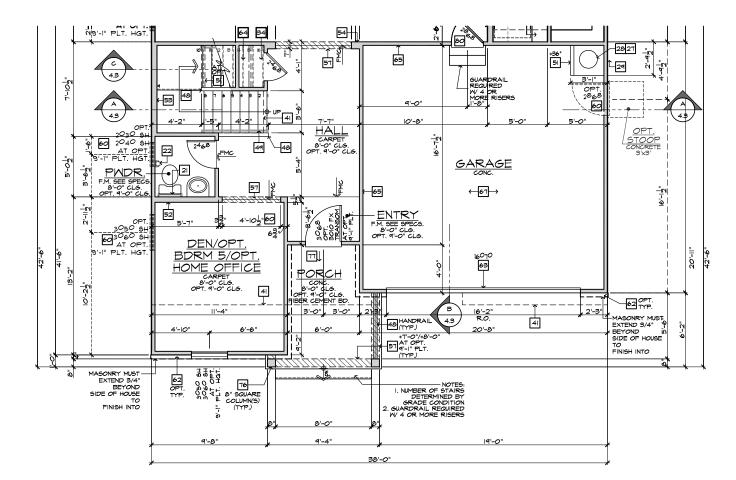




PARTIAL LEFT ELEVATION 'A' AT CRAWL SPACE

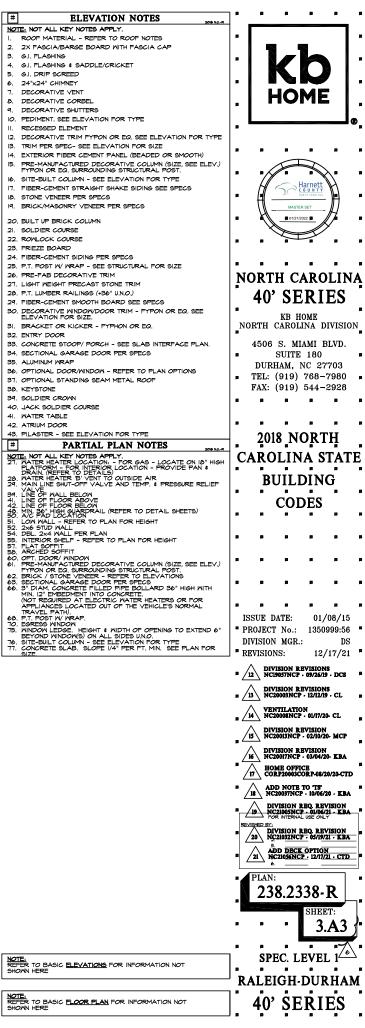


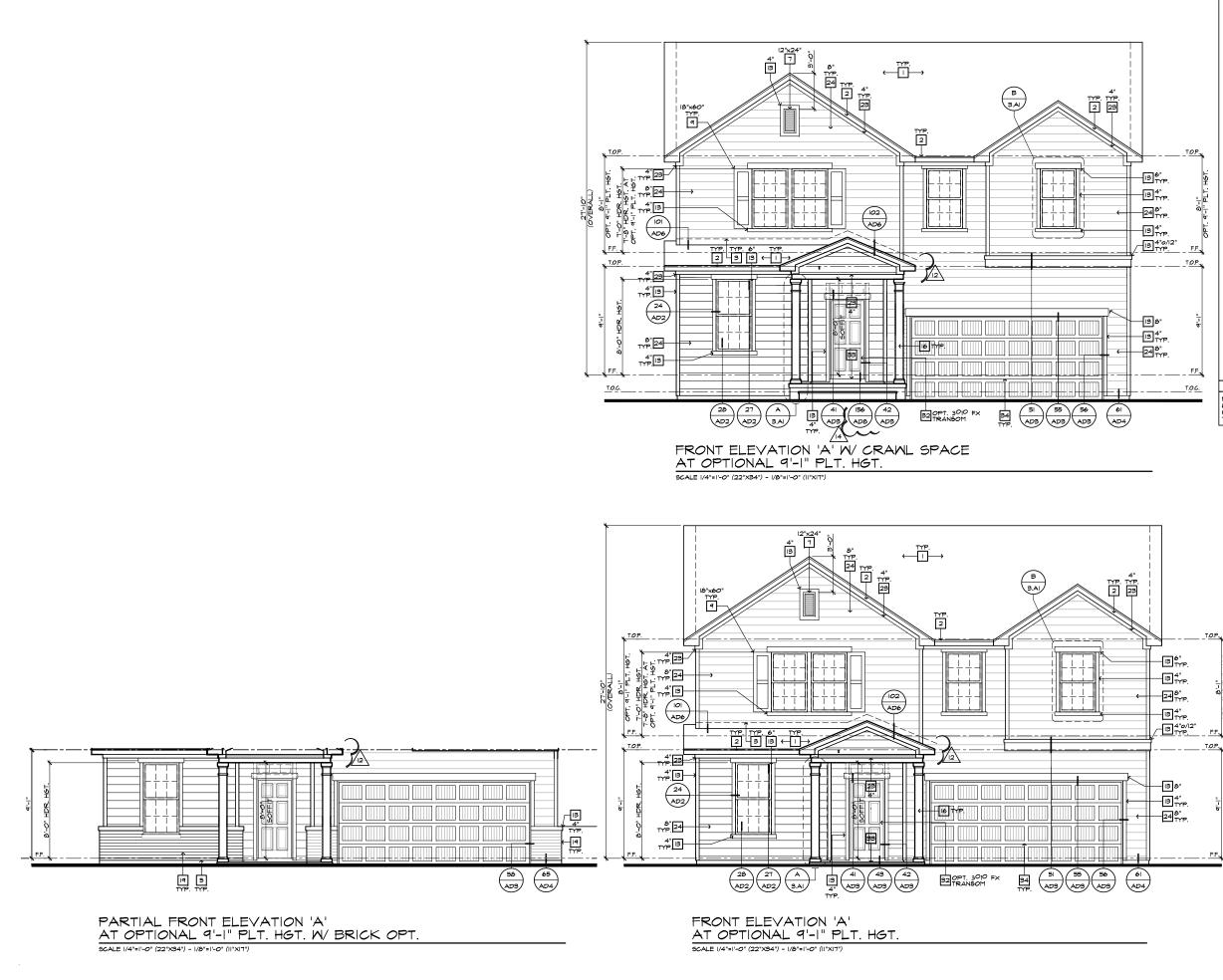




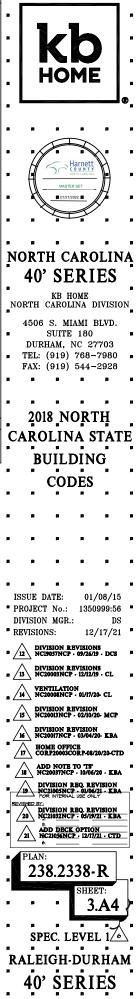
PARTIAL FIRST FLOOR PLAN 'A' AT CRAWL SPACE

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

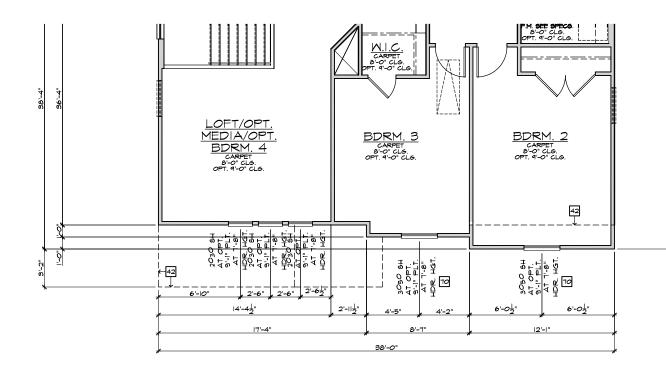




#	ELEVATION NOTES
0	E: NOT ALL KEY NOTES APPLY.
	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	G.I. FLASHING
4.	G.I. FLASHING & SADDLE/CRICKET
5.	G.I. DRIP SCREED
5.	24"x24" CHIMNEY
7.	DECORATIVE VENT
з.	DECORATIVE CORBEL
1.	DECORATIVE SHUTTERS
0.	PEDIMENT. SEE ELEVATION FOR TYPE
ι.	RECESSED ELEMENT
2.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
з.	TRIM PER SPEC- SEE ELEVATION FOR SIZE
4.	EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)
5.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)
	FYPON OR EQ. SURROUNDING STRUCTURAL POST.
6.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
7.	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS
8.	STONE VENEER PER SPECS
9.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	ROWLOCK COURSE
23.	FRIEZE BOARD
24.	FIBER-CEMENT SIDING PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	P.T. LUMBER RAILINGS (+36" U.N.O.)
29.	FIBER-CEMENT SMOOTH BOARD SEE SPECS
30.	DECORATIVE WINDOWDOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
31.	BRACKET OR KICKER - FYPHON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE
	9-1" PLATE OPTION
от	
IINE EA	:- OW SIZES WILL INCREASE BY I' AT 9'-1" PLATE OPTIONS. ZER HEIGHTS FOR ALL WINDOWS WILL BE AT 9'-1" PLATE OPTIONS.



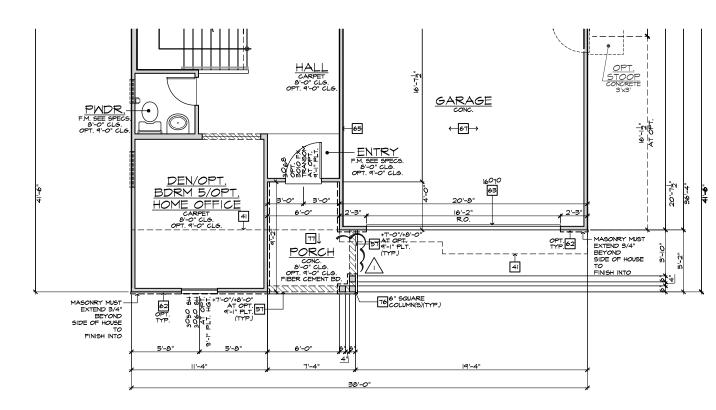
. . .



PARTIAL SECOND FLOOR PLAN 'B'

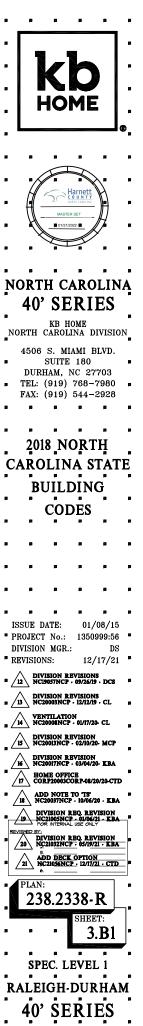
SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

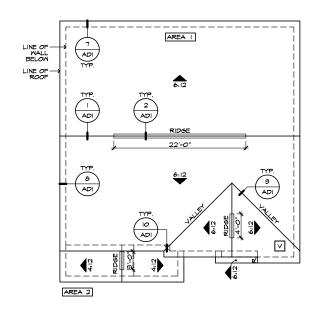
BASIC PLAN



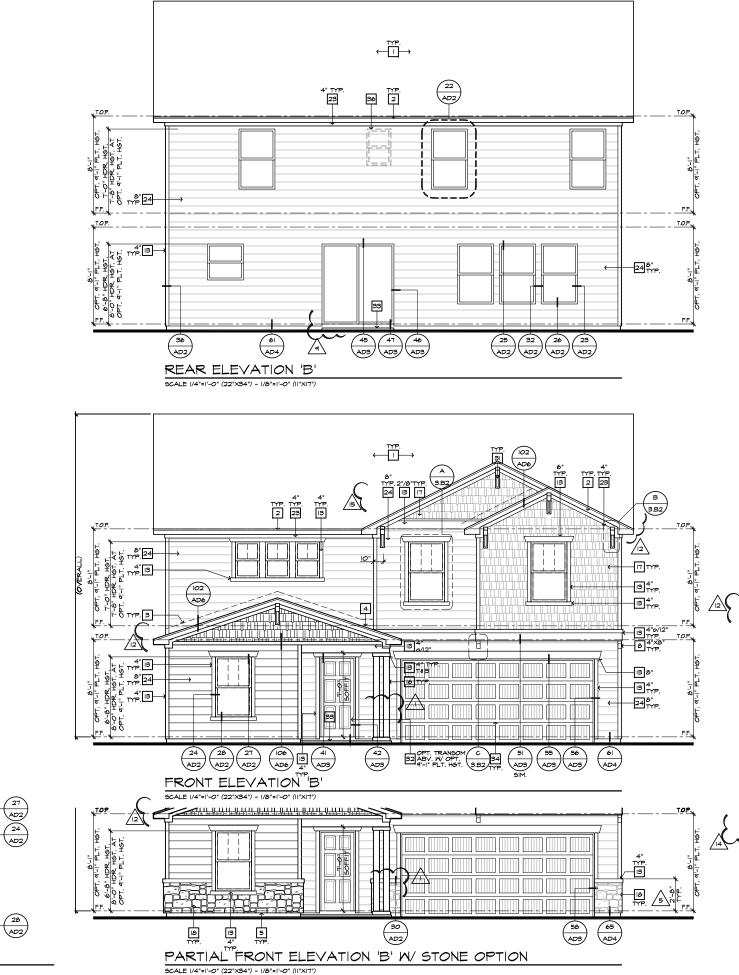
PARTIAL FIRST FLOOR PLAN 'B'

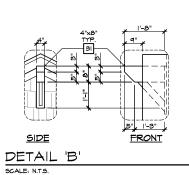


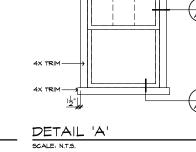








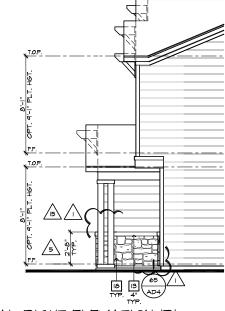




6X TRIM

1<u>1</u>"

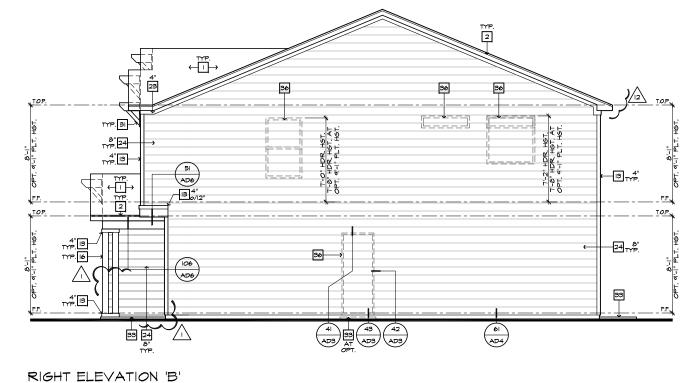
Ħ	ELEVATION NOTES	,
NO	E: NOT ALL KEY NOTES APPLY.	
۱. 2.	ROOF MATERIAL - REFER TO ROOF NOTES 2X FASCIA/BARGE BOARD WITH FASCIA CAP	
З. 4.	G.I. FLASHING G.I. FLASHING & SADDLE/CRICKET	
. 5.	G.I. DRIP SCREED	. KD .
6. 7.	24"x24" CHIMNEY DECORATIVE VENT	
8.	DECORATIVE CORBEL	
9. 10.	DECORATIVE SHUTTERS PEDIMENT, SEE ELEVATION FOR TYPE	
II.	RECESSED ELEMENT DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	•*.
12. 13.	TRIM PER SPEC- SEE ELEVATION FOR SIZE	
14. 15.	EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH) PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
16.	FYPON OR EQ. SURROUNDING STRUCTURAL POST. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	
17.	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS	Harnett
	STONE VENEER PER SPECS BRICK/MASONRY VENEER PER SPECS	MASTER SET
	BUILT UP BRICK COLUMN	
21.	SOLDIER COURSE	
	ROWLOCK COURSE FRIEZE BOARD	
	FIBER-CEMENT SIDING PER SPECS P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE	
	P.I. POST W WRAP - SEE STRUCTURAL FOR SIZE PRE-FAB DECORATIVE TRIM	NORTH CAROLINA
	LIGHT WEIGHT PRECAST STONE TRIM	
29.	P.T. LUMBER RAILINGS (+36" U.N.O.) FIBER-CEMENT SMOOTH BOARD SEE SPECS	40' SERIES
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	кв номе
	BRACKET OR KICKER - FYPHON OR EQ. ENTRY DOOR	NORTH CAROLINA DIVISION
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4506 S. MIAMI BLVD.
	SECTIONAL GARAGE DOOR PER SPECS ALUMINUM WRAP	SUITE 180
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703 TEL: (919) 768-7980
	OPTIONAL STANDING SEAM METAL ROOF KEYSTONE	FAX: (919) 544-2928
39.	SOLDIER CROWN	
	JACK SOLDIER COURSE WATER TABLE	
	ATRIUM DOOR PILASTER - SEE ELEVATION FOR TYPE	
40.	ROOF PLAN NOTES 'B'	2018 NORTH
		CAROLINA STATE
	6:12	
RO	OF MATERIAL: COMPOSITION SHINGLE	BUILDING
	(INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O. (INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O.	CODES
	ATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND SE EXCEPT ABOVE SHEARWALL PANELS.	
100	ATTIC VENT CALCULATIONS	4
PRO	VIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC	
THE	CE. PROVIDE THAT AT LEAST 50% \$ NO MORE THAN 80% OF REG. VENTILATING AREA IS PROVIDED BY VENTILATORS	
AT	ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 3-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED	
*	EAVE VENTS, (LOW VENTING) (2018 N.CR 806.2) CALCULATION BY LIBO, HIGH/LOW VENTING NOT REQUIRED.	
A 1915 A	APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	
VENT	LATION REQUIRED:	ISSUE DATE: 01/08/15
ATTIC	: AREA = 1407 50. FT. / 300 4.69 50. FT. X 144 = 675 50. IN.	PROJECT No.: 1350999:56
	TOTAL HIGH & LOW = 675 50. IN. × 50% = 338 50. IN.	DIVISION MGR.: DS
VENT I HIGH	LATION PROVIDED:	REVISIONS: 12/17/21
24	LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 482 SQ. IN.	
		DIVISION REVISIONS
	ROOF VENT(5) AT 50 50. IN. EA. = 0 50. IN. -TOTAL HIGH VENTILATION: 432 50. IN. 432 50. IN.	■ <u>/12</u> NCI9057NCP · 09/26/19 · DCS
<u>LOM</u> 50		
50	-TOTAL HIGH VENTILATION: 492 50. IN. LF VENTILATED SOFFIT AT 6.9 50. IN. / LF. = 345 50. IN. ROOF VENTS) AT 50 50. IN. EA. = 50 50. IN.	■ <u>/12</u> NCI9057NCP · 09/26/19 · DCS ■
SUB TOTA	TOTAL HIGH VENTILATION: 492 50. IN. LF VENTILATED SOFFIT AT 6.9 50. IN. / LF. = 945 50. IN. ROOF VENTIG) AT 50 50. IN. EA. = 50 50. IN. TOTAL LOW VENTILATION: 945 50. IN. 50. S0. IN. 50 50. IN. LOW VENTILATION: 845 50. IN. 50 50. IN. 50 50. IN. LVENTLATION PROVIDED: 527 50. IN. 527 50. IN.	↓ 12 NC19657NCP · 09/26/19 · DCS ↓ DIVISION REVISIONS ↓ MC20009NCP · 12/2/19 · CL ↓ VENTILATION ↓ VENTILATION ↓ NC20009NCP · 0//7/20 · CL ↓ DIVISION REVISION
SUB TOTA AREA	TOTAL HIGH VENTILATION: 432 50. IN. LF VENTILATED SOFFIT AT 6.4 50. IN. / LF. = 345 50. IN. ROOF VENT(3) AT 50 50. IN. EA. = 50 50. IN. 50 50. IN. TOTAL LOW VENT(3) AT 50 50. IN. EA. = 345 50. IN. 145 50. IN. L VENTLATION PROVIDED. 627 50. IN. 627 50. IN. 627 50. IN. LATION REQUIRED. LATION REQUIRED. 50 50. IN. 50 50. IN.	12 NC19697NCP · 09/26/3 · DCS 13 DIVISION REVISIONS 14 VENTILATION 14 NC20098NCP · 01/17/20 · CL 15 DIVISION REVISION 15 NC2003NCP · 02/10/20 · MCP
SUB TOTA AREA	TOTAL HIGH VENTILATION: 492 50. IN. LF VENTILATED SOFFIT AT 6.9 S0. IN. / LF. = 945 50. IN. ROOF VENT(5) AT 50 50. IN. EA. = 50 50. IN. TOTAL COM VENTILATION: 345 50. IN. VENTILATION (LOW VENTILATION) 345 50. IN. LEVENTLATION (LOW VENTILATION) 345 50. IN. LEVENTLATION (LOW VENTILATION) 327 50. IN. LEVENTLATION (LOW VENTILATION) 327 50. IN. L2 / PORCH 50 50. IN.	12 NC9957NCF · 09/26/3 · DCS 13 DIVISION REVISIONS 14 NC20093NCF · 12/19 · CL 14 NC20093NCF · 01/17/20 · CL 15 NC20093NCF · 02/19/20 · CL 15 NC20093NCF · 02/19/20 · CL 16 DIVISION REVISION 16 DIVISION REVISION 16 DIVISION REVISION
	TOTAL HIGH VENTILATION: 492 50. IN. LF VENTILATED SOFFIT AT 6.4 50. IN. / LF, = 545 50. IN. ROOF VENTIG) AT 50 50. IN. 50 50. IN. -TOTAL LOW VENTILATION: 945 50. IN. 945 50. IN. -TOTAL LOW VENTILATION: 945 50. IN. 945 50. IN. -VENTLATION PROVIDED. 247 50. IN. 247 50. IN. 1.2 / PORCH. 241 50. IN. 241 50. IN. LATION REQUIRED. 50. FT. / ISO 063 50. FT.	12 NC9957NCF · 09/26/9 · DCS 13 DIVISION REVISIONS 13 NC20003NCF · 12/2/9 · CL 14 NC2009NCF · 01/17/20 · CL 15 DIVISION REVISION 16 DIVISION REVISION 16 NC2009INCF · 02/0/20 · MCP 16 NC2009INCF · 02/0/20 · MCP 16 NC2009INCF · 02/0/20 · MCP
	TOTAL HIGH VENTILATION: 452 50. IN. LF VENTILATED SOFFIT AT 6.4 50. IN. / LF. = 545 50. IN. ROOF VENT(S) AT 50 50. IN. / LF. = 545 50. IN. TOTAL LOW VENT(S) AT 50 50. IN. / LF. = 545 50. IN. L VENTILATION PROVIDED. 827 50. IN. 827 50. IN. L2 / PORCH: LATION REQUIRED. 827 50. IN. LATION REQUIRED. X 144 = 41 50. IN. TOTAL HIGH & LOW = X 144 = 41 50. IN. LATION REQUIRED. X 144 = 41 50. IN. LATION PROVIDED. TOTAL HIGH & LOW = 41 50. IN. LATION PROVIDED. LF VENTILATED SOFFIT AT 6.4 50. IN. / LF. = 62 50. IN.	12 NC9957NCF · 69/26/9 · DCS 13 DIVISION REVISIONS 14 NC20093NCF · 12/219 · CL 14 NC20093NCF · 01/17/20 · CL 15 DIVISION REVISION 16 DIVISION REVISION 17 CORP20093CORF · 03/20/20 · KEA 17 CORP20093CORF · 04/20/24 · CTD 1 ADD NOTE TO TF
	-TOTAL HIGH VENTILATION: 492 50. IN. LF VENTILATED SOFFIT AT 6.9 50. IN. ROOF VENT(S) AT 50 50. IN. -TOTAL LOW VENTLATION: 50 50. IN. -TOTAL LOW VENTLATION: 945 50. IN. -VENTLATION PROVIDED. 247 50. IN. -2 / PORCH. 247 50. IN. LATION REQUIRED. 50. IN. .2 / PORCH. 50. IN. LATION REQUIRED. 50. IN. X I44 = 91 50. IN. TOTAL HIGH & LOW = 91 50. IN. LATION PROVIDED. 41 50. IN.	12 NC9957NCF · 69/26/9 · DC5 13 DIVISION REVISIONS 14 NC20093NCF · 12/219 · CL 14 NC20093NCF · 12/219 · CL 15 DIVISION REVISION 16 DIVISION REVISION 17 DIVISION REVISION 16 DIVISION REVISION 17 CORP20005CGR - 04/20/24-CTD 18 NC20037NCF - 10/06/20 · EBA
	TOTAL HIGH VENTILATION: 452 50. IN. LF VENTILATED SOFFIT AT 6.4 50. IN. / LF. = 545 50. IN. ROOF VENT(9) AT 50 50. IN. / LF. = 545 50. IN. TOTAL LOW VENT(9) AT 50 50. IN. / LF. = 545 50. IN. L VENTILATION PROVIDED. 827 50. IN. 827 50. IN. 2 / FORCH: 12/ FORCH 12/ ORCH LATION REQUIRED. X 144 = 41 50. IN. AREA = 45 S0. FT. / ISO 063 50. IN. LATION REQUIRED. X 144 = 41 50. IN. LATION PROVIDED. TOTAL HIGH & LOW = 41 50. IN. LATION PROVIDED. LF RIDGE VENT(9) AT 18 50. IN. / LF. = 62 50. IN. L PRIDEV VENT(6) AT 18 50. IN. / LF. = 62 50. IN. 12 50. IN. L VENTILATION PROVIDED. 194 50. IN. 194 50. IN. 194 50. IN.	12 NC9957NCF · 09/26/9 · DCS 13 DIVISION REVISIONS 14 NC20093NCF · 12/219 · CL 14 NC20093NCF · 02/17/20 · CL 15 NC20093NCF · 02/17/20 · CL 15 NC20093NCF · 02/17/20 · CL 16 DIVISION REVISION NC20093NCF · 02/04/20 · KBA 17 HOME OFFICE CORP20003COCF · 04/20/20 - CTD 18 NC20097NCF · 10/06/20 · KBA 19 NC20097NCF · 10/06/20 · KBA 19 NC20097NCF · 10/06/20 · KBA
SUB TOTA AREA VENTI ATTIC VENTI 4 4 TOTA ARES	TOTAL HIGH VENTILATION: 452 50. IN. LF VENTILATED SOFFIT AT 6.4 50. IN. / LF. = 545 50. IN. ROOF VENT(9) AT 50 50. IN. / LF. = 545 50. IN. TOTAL LOW VENT(9) AT 50 50. IN. / LF. = 545 50. IN. L VENTILATION PROVIDED. 527 50. IN. 527 50. IN. L2 / PORCH. LATION REQUIRED. 520 FT. / ISO 663 50. IN. LATION REQUIRED. X 144 = 41 50. IN. 105. IN. LATION REQUIRED. X 144 = 41 50. IN. 105. IN. LATION REQUIRED. LF RUDGE VENT(9) AT 18< 50. IN. / LF. =	12 NC9957NCF · 69/26/9 · DCS 13 DIVISION REVISIONS 13 NC20093NCF · 10/12/10 · CL 14 NC20093NCF · 0/17/20 · CL 15 DIVISION REVISION 15 NC20013NCF · 0/17/20 · MCF 16 NC20017NCF · 0/04/20 · KBA 17 HOME OFFICE 18 NC20017NCF · 10/06/20 · KBA 19 NC2005NCF · 0/10/20 · KBA 19 NC2005NCF · 0/06/20 · KBA 19 NC2005NCF · 0/06/20 · KBA 19 NC2005NCF · 0/06/20 · KBA 10 NC2005NCF · 0/06/20 · KBA 10 NC2005NCF · 0/06/20 · KBA 10 NC2005NCF · 0/06/20 · KBA 19 DUVISION RED REVISION 10 NC2005NCF · 0/06/21 · KBA 10 NC2005NCF · 0/06/21 · KBA
50 SUBAREA VENTIA ATTIC VENTIA 4 TO TA ARES AREA AREA AREA AREA AREA AREA ARE	TOTAL HIGH VENTILATION: 452 50. IN. LF VENTILATED SOFFIT AT 6.4 50. IN. / LF. = BOG VENT(5) AT 50 50. IN. / LF. = BOG N. 545 50. IN. TOTAL LOW VENTIS) AT 50 50. IN. 50 50. IN. LVENTILATION PROVIDED. 50 50. IN. 50 50. IN. LYENTILATION PROVIDED. 50 50. FT. / ISO 663 50. FT. LATION REQUIRED. XI 44 = 91 50. IN. 71 50. IN. LATION REQUIRED. LF RUDET VENT(5) AT 16 50. IN. / LF. = VENT OPENINGS SHALL BE COVERED WITH I/4" CORROSION 72 50. IN. STANT METAL MESH. MER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS WITH TRUSS WITH TRUSS	12 NC9957NCF · 69/26/9 · DCS 13 DIVISION REVISIONS NC20008NCF · 10/17/20 · CL 14 NC20008NCF · 0/17/20 · CL 15 DIVISION REVISION NC20018NCF · 0/17/20 · CL 15 NC20018NCF · 0/17/20 · CL 16 NC20017NCF · 0/10/20 · KBA 17 CORP20005COR-00/20/20 · CD 18 NC20017NCF · 10/06/20 · KBA 19 NC20057NCF · 0/06/20 · KBA 10 NC20057NCF · 0/06/20 · KBA 10 NC20057NCF · 0/06/20 · KBA 19 NC20057NCF · 0/06/21 · KBA 10 NC20057NCF · 0/06/21 · KBA
SUBAREA SUBAREA VENTION ATTIC	TOTAL HIGH VENTILATION: 452 50. IN. LF VENTILATED SOFFIT AT 6.4 50. IN. / LF. = ROF VENTIØ AT 50 50. IN. EA. = 20 50. IN. 545 50. IN. TOTAL LOW VENTIØ AT 50 50. IN. EA. = 20 50. IN. 59 50. IN. TOTAL LOW VENTIØ AT 50 50. IN. EA. = 20 50. IN. 59 50. IN. LYBRILATION PROVIDED. 50 50. IN. 2 / FORCH. 50 50. IN. LATION REQUIRED. 50 50. IN. LATION REQUIRED. 50 50. IN. LATION REQUIRED. 150 0. IN. LATION PROVIDED. 70 50. IN. LATION PROVIDED. 71 50. IN. LATION PROVIDED. 71 50. IN. LATION PROVIDED. 150 0. IN. LATION PROVIDED. 12 50. IN. LYENTLATION PROVIDED. 124 50. IN. LYENTLATION PROVIDED. 124 50. IN. VENT OPENINGS SHALL BE COVERED WITH I/4" CORROSION STANT METAL BE RESPONSIBLE FOR COORDINATING WITH TRUSS UFACTURER TO ACCOMMODATE ALL ATTIC VENTS. VENT OPENINGS SHALL BE NOTALED SOA TO MAKE THEM WATER- CF & NALL MONTED LOWERS SHALL BE SALED & FLASHED VENTORED THE SAME MANNER PRESCREDERED FOR MINDOW	12 NC9957NCF · 69/26/9 · DCS 13 DIVISION REVISIONS 14 NC20093NCF · 10/17/20 · CL 15 DIVISION REVISION 16 DIVISION REVISION 16 NC20013NCF · 63/04/20 · KBA 17 CORP2005CORP04/20/20 · KBA 18 NC20013NCF · 63/04/20 · KBA 19 NC20013NCF · 63/04/20 · KBA 10 NC20013NCF · 63/04/20 · KBA
SUBAREA SUBAREA VENTION ATTIC	TOTAL HIGH VENTILATION: 452 50. IN. LF VENTILATED SOFFIT AT 6.4 50. IN. / LF. = 545 50. IN. ROOF VENT(9) AT 50 50. IN. / LF. = 545 50. IN. TOTAL LOW VENT(9) AT 50 50. IN. / LF. = 545 50. IN. L VENTILATION PROVIDED. 527 50. IN. 527 50. IN. L2 / PORCH. LATION REQUIRED. 520 FT. / ISO 663 50. IN. LATION REQUIRED. X 144 = 41 50. IN. 105. IN. LATION REQUIRED. X 144 = 41 50. IN. 105. IN. LATION REQUIRED. LF RUDGE VENT(9) AT 18< 50. IN. / LF. =	12 NC9957NCF · 69/26/9 · DCS 13 DIVISION REVISIONS NC20098NCF · 10/12/20 · CL 14 NC20098NCF · 10/17/20 · CL 15 DIVISION REVISION NC20098NCF · 0/10/20 · MCF 16 DIVISION REVISION NC20017NCF · 0/04/20 · KBA 17 HORE OFFICE NC20017NCF · 10/06/20 · KBA 18 NC20057NCF · 0/06/20 · KBA 19 DIVISION REVISION NC20057NCF · 0/06/20 · KBA 10 NC20057NCF · 0/06/20 · KBA 10 NC20057NCF · 0/06/21 · KBA 11 NC2005NCF · 0/06/21 · KBA
SUBAREA SUBAREA VENTION ATTIC	TOTAL HIGH VENTILATION: 452 50. IN. LF VENTILATED SOFFIT AT 6.4 50. IN. / LF. = ROOF VENT(9) AT 50 50. IN. EA. = TOTAL LOW VENT(9) AT 50 50. IN. EA. = So 50. IN. 56 50. IN. TOTAL LOW VENT(9) AT 50 50. IN. EA. = VENTILATION PROVIDED. 50 50. IN. EA. = 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 150 0.00 FT. 150 0.00 FT. 150 0.00 IN. LATION PROVIDED. TOTAL HIGH & LOW = 41 50. IN. 12 50. IN. LATION PROVIDED. LE VENTLATION PROVIDED. 124 50. IN. 124 50. IN. LYENTLATION PROVIDED. VENT OPENINGS SHALL BE COVERED WITH I/4" CORROSION STANT METAL BE RESPONSIBLE FOR COORDINATING WITH TRUSS UPACTUREE TO ACCOMMODATE ALL ATTIC VENTS. 124 50. IN. VENT OPENINGS SHALL BE NOTALED SO AS TO MAKE THEM WATER- COR & NALL MONTED LOW FERS SHALL BE SALED & FLASHED VENTORE THE SAME MANNER PRESCREENDER ON MINDOW 14 50. EN.	12 NC9957NCF · 69726/9 · DCS 13 DIVISION REVISIONS NC20009NCF · 10/17/20 · CL 14 NC20009NCF · 10/17/20 · CL 15 DIVISION REVISION NC20009NCF · 0/17/20 · MCF 16 DIVISION REVISION NC20017NCF · 0/10/20 · KBA 17 HOME OFFICE NC20017NCF · 10/06/20 · KBA 18 DIVISION REVISION NC20017NCF · 10/06/20 · KBA 19 DIVISION REVISION NC20017NCF · 10/06/20 · KBA 10 DIVISION REQ. REVISION NC2005NCF · 10/06/20 · KBA 19 DIVISION REQ. REVISION NC2005NCF · 10/06/20 · KBA 10 DIVISION REQ. REVISION NC2005NCF · 10/06/20 · KBA 10 DIVISION REQ. REVISION NC2005NCF · 10/06/20 · KBA 11 NC2005NCF · 10/07/21 · KBA · 11 21 DECK OFTION · C2005NCF · 12/17/21 · CTD · C 21 DECK OFTION · C2005NCF · 12/17/21 · CTD · C
SUBAREA SUBAREA VENTION ATTIC	TOTAL HIGH VENTILATION: 452 50. IN. LF VENTILATED SOFFIT AT 6.4 50. IN. / LF. = ROOF VENT(9) AT 50 50. IN. EA. = TOTAL LOW VENT(9) AT 50 50. IN. EA. = So 50. IN. 56 50. IN. TOTAL LOW VENT(9) AT 50 50. IN. EA. = VENTILATION PROVIDED. 50 50. IN. EA. = 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 150 0.00 FT. 150 0.00 FT. 150 0.00 IN. LATION PROVIDED. TOTAL HIGH & LOW = 41 50. IN. 12 50. IN. LATION PROVIDED. LE VENTLATION PROVIDED. 124 50. IN. 124 50. IN. LYENTLATION PROVIDED. VENT OPENINGS SHALL BE COVERED WITH I/4" CORROSION STANT METAL BE RESPONSIBLE FOR COORDINATING WITH TRUSS UPACTUREE TO ACCOMMODATE ALL ATTIC VENTS. 124 50. IN. VENT OPENINGS SHALL BE NOTALED SO AS TO MAKE THEM WATER- COR & NALL MONTED LOW FERS SHALL BE SALED & FLASHED VENTORE THE SAME MANNER PRESCREENDER ON MINDOW 14 50. EN.	12 NC9957NCF · 69/26/9 · DCS 13 DIVISION REVISIONS NC20098NCF · 10/12/20 · CL 14 NC20098NCF · 10/17/20 · CL 15 DIVISION REVISION NC20098NCF · 0/10/20 · MCF 16 DIVISION REVISION NC20017NCF · 0/04/20 · KBA 17 HORE OFFICE NC20017NCF · 10/06/20 · KBA 18 NC20057NCF · 0/06/20 · KBA 19 DIVISION REVISION NC20057NCF · 0/06/20 · KBA 10 NC20057NCF · 0/06/20 · KBA 10 NC20057NCF · 0/06/21 · KBA 11 NC2005NCF · 0/06/21 · KBA
SUBAREA SUBAREA VENTION ATTIC	TOTAL HIGH VENTILATION: 452 50. IN. LF VENTILATED SOFFIT AT 6.4 50. IN. / LF. = ROOF VENT(9) AT 50 50. IN. EA. = TOTAL LOW VENT(9) AT 50 50. IN. EA. = So 50. IN. 56 50. IN. TOTAL LOW VENT(9) AT 50 50. IN. EA. = VENTILATION PROVIDED. 50 50. IN. EA. = 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 150 0.00 FT. 150 0.00 FT. 150 0.00 IN. LATION PROVIDED. TOTAL HIGH & LOW = 41 50. IN. 12 50. IN. LATION PROVIDED. LE VENTLATION PROVIDED. 124 50. IN. 124 50. IN. LYENTLATION PROVIDED. VENT OPENINGS SHALL BE COVERED WITH I/4" CORROSION STANT METAL BE RESPONSIBLE FOR COORDINATING WITH TRUSS UPACTUREE TO ACCOMMODATE ALL ATTIC VENTS. 124 50. IN. VENT OPENINGS SHALL BE NOTALED SO AS TO MAKE THEM WATER- COR & NALL MONTED LOW FERS SHALL BE SALED & FLASHED VENTORE THE SAME MANNER PRESCREENDER ON MINDOW 14 50. EN.	12 NC9957NCF · 69726/9 · DCS 13 DIVISION REVISIONS NC20009NCF · 10/17/20 · CL 14 NC20009NCF · 10/17/20 · CL 15 DIVISION REVISION NC20009NCF · 0/17/20 · MCF 16 DIVISION REVISION NC20017NCF · 0/10/20 · KBA 17 HOME OFFICE NC20017NCF · 10/06/20 · KBA 18 DIVISION REVISION NC20017NCF · 10/06/20 · KBA 19 DIVISION REVISION NC20017NCF · 10/06/20 · KBA 10 DIVISION REQ. REVISION NC2005NCF · 10/06/20 · KBA 19 DIVISION REQ. REVISION NC2005NCF · 10/06/20 · KBA 10 DIVISION REQ. REVISION NC2005NCF · 10/06/20 · KBA 10 DIVISION REQ. REVISION NC2005NCF · 10/06/20 · KBA 11 NC2005NCF · 10/07/21 · KBA · 11 21 DECK OFTION · C2005NCF · 12/17/21 · CTD · C 21 DECK OFTION · C2005NCF · 12/17/21 · CTD · C
SUBAREA SUBAREA VENTION ATTIC	TOTAL HIGH VENTILATION: 452 50. IN. LF VENTILATED SOFFIT AT 6.4 50. IN. / LF. = ROOF VENT(9) AT 50 50. IN. EA. = TOTAL LOW VENT(9) AT 50 50. IN. EA. = So 50. IN. 56 50. IN. TOTAL LOW VENT(9) AT 50 50. IN. EA. = VENTILATION PROVIDED. 50 50. IN. EA. = 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 150 0.00 FT. 150 0.00 FT. 150 0.00 IN. LATION PROVIDED. TOTAL HIGH & LOW = 41 50. IN. 12 50. IN. LATION PROVIDED. LE VENTLATION PROVIDED. 124 50. IN. 124 50. IN. LYENTLATION PROVIDED. VENT OPENINGS SHALL BE COVERED WITH I/4" CORROSION STANT METAL BE RESPONSIBLE FOR COORDINATING WITH TRUSS UPACTUREE TO ACCOMMODATE ALL ATTIC VENTS. 124 50. IN. VENT OPENINGS SHALL BE NOTALED SO AS TO MAKE THEM WATER- COR & NALL MONTED LOW FERS SHALL BE SALED & FLASHED VENTORE THE SAME MANNER PRESCREENDER ON MINDOW 14 50. EN.	12 NC9957NCF · 69/26/9 · DCS 13 DIVISION REVISIONS NC20003NCF · 01/17/20 · CL 14 NC20003NCF · 01/17/20 · CL 15 DIVISION REVISION NC20013NCF · 01/07/20 · KBA 16 DIVISION REVISION NC20013NCF · 03/07/20 · KBA 17 HOME OFFICE CORF20003CORF-04/20/20 · CL 18 NC20013NCF · 03/07/20 · KBA 19 NC20013NCF · 01/06/20 · KBA 10 NC20013NCF · 01/06/20 · KBA 11 NC20013NCF · 01/06/20 · KBA 12 DIVISION REQ. REVISION NC20013NCF · 01/06/20 · KBA 10 NC20013NCF · 01/06/20 · KBA 11 NC20013NCF · 01/06/20 · KBA 11 NC2005NCF · 01/071 · KBA 11 NC2005NCF · 12/1721 · CTD 11 NC2005NCF · 12/1721 · CTD 12 NC2005NCF · 12/1721 · CTD 11 NC2005NCF · 12/1721 · CTD 12 NC2005NCF · 12/1721 · CTD 12 NC2005NCF · 12/1721 · CTD
SUBAREA SUBAREA VENTION ATTIC	TOTAL HIGH VENTILATION: 452 50. IN. LF VENTILATED SOFFIT AT 6.4 50. IN. / LF. = ROOF VENT(9) AT 50 50. IN. EA. = TOTAL LOW VENT(9) AT 50 50. IN. EA. = So 50. IN. 56 50. IN. TOTAL LOW VENT(9) AT 50 50. IN. EA. = VENTILATION PROVIDED. 50 50. IN. EA. = 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 150 0.00 FT. 150 0.00 FT. 150 0.00 IN. LATION PROVIDED. TOTAL HIGH & LOW = 41 50. IN. 12 50. IN. LATION PROVIDED. LE VENTLATION PROVIDED. 124 50. IN. 124 50. IN. LYENTLATION PROVIDED. VENT OPENINGS SHALL BE COVERED WITH I/4" CORROSION STANT METAL BE RESPONSIBLE FOR COORDINATING WITH TRUSS UPACTUREE TO ACCOMMODATE ALL ATTIC VENTS. 124 50. IN. VENT OPENINGS SHALL BE NOTALED SO AS TO MAKE THEM WATER- COR & NALL MONTED LOW FERS SHALL BE SALED & FLASHED VENTORE THE SAME MANNER PRESCREENDER ON MINDOW 14 50. EN.	12 NC9957NCF · 69726/9 · DCS 13 DIVISION REVISIONS 14 NC20003NCF · 12/2/9 · CL 15 DIVISION REVISION 14 NC20010NCF · 01/7/20 · CL 15 DIVISION REVISION 16 DIVISION REVISION 17 CORP20002COR-08/20/20 · KBA 18 NC20017NCF · 03/04/20 · KBA 19 NC20017NCF · 03/04/20 · KBA 11 NC20017NCF · 03/04/20 · KBA 12 DIVISION RED REVISION 13 NC20017NCF · 01/06/20 · KBA 14 NC20017NCF · 01/06/20 · KBA 12 DIVISION RED REVISION 13 NC20017NCF · 01/06/20 · KBA 14 NC20017NCF · 01/06/20 · KBA 12 DIVISION RED REVISION 13 NC20017NCF · 01/071 · EBA 20 DIVISION RED REVISION 11 NC20057NCF · 10/071 · CD 238.2338-R SHEET: 3.B2 SHEET:
SUBAREA SUBAREA VENTION ATTIC	TOTAL HIGH VENTILATION: 452 50. IN. LF VENTILATED SOFFIT AT 6.4 50. IN. / LF. = ROOF VENT(9) AT 50 50. IN. EA. = TOTAL LOW VENT(9) AT 50 50. IN. EA. = So 50. IN. 56 50. IN. TOTAL LOW VENT(9) AT 50 50. IN. EA. = VENTILATION PROVIDED. 50 50. IN. EA. = 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 150 0.00 FT. 150 0.00 FT. 150 0.00 IN. LATION PROVIDED. TOTAL HIGH & LOW = 41 50. IN. 12 50. IN. LATION PROVIDED. LE VENTLATION PROVIDED. 124 50. IN. 124 50. IN. LYENTLATION PROVIDED. VENT OPENINGS SHALL BE COVERED WITH I/4" CORROSION STANT METAL BE RESPONSIBLE FOR COORDINATING WITH TRUSS UPACTUREE TO ACCOMMODATE ALL ATTIC VENTS. 124 50. IN. VENT OPENINGS SHALL BE NOTALED SO AS TO MAKE THEM WATER- COR & NALL MONTED LOW FERS SHALL BE SALED & FLASHED VENTORE THE SAME MANNER PRESCREENDER ON MINDOW 14 50. EN.	12 NC9957NCF · 69726/9 · DCS 13 DIVISION REVISIONS 14 NC20008NCF · 12/21/9 · CL 15 DIVISION REVISION 16 DIVISION REVISION 16 NC20017NCF · 01/04/20 · KBA 17 HOME OFFICE 18 NC20017NCF · 01/04/20 · KBA 19 DIVISION REVISION 10 NC20017NCF · 01/04/20 · KBA 10 NC20105NCF · 02/04/20 · KBA 10 NC20015NCF · 01/04/20 · KBA 10 NC2005NCF · 01/04/20 · KBA 10 NC2005NCF · 01/04/20 · KBA 10 NC2005NCF · 01/04/20 · KBA 11 NC2005NCF · 01/04/21 · KBA 20 DIVISION REVISION 11 NC2005NCF · 01/04/21 · KBA 21 ADD DECK OPTION 11 NC2005NCF · 01/04/21 · KBA 6 NC2005NCF · 01/04/21 · KBA 11 NC2005NCF · 01/04/21 · KBA 12 NC2005NCF · 01/04/21 · KBA 13 NC2005NCF · 01/04/21 · KBA 14 NC2005NCF · 01/04/21 · KBA 15 NC2005NCF · 01/04/21 · KBA 11 NC2005NCF ·
SUBAREA SUBAREA VENTION ATTIC	TOTAL HIGH VENTILATION: 452 50. IN. LF VENTILATED SOFFIT AT 6.4 50. IN. / LF. = ROOF VENT(9) AT 50 50. IN. EA. = TOTAL LOW VENT(9) AT 50 50. IN. EA. = So 50. IN. 56 50. IN. TOTAL LOW VENT(9) AT 50 50. IN. EA. = VENTILATION PROVIDED. 50 50. IN. EA. = 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 150 0.00 FT. 150 0.00 FT. 150 0.00 IN. LATION PROVIDED. TOTAL HIGH & LOW = 41 50. IN. 12 50. IN. LATION PROVIDED. LE VENTLATION PROVIDED. 124 50. IN. 124 50. IN. LYENTLATION PROVIDED. VENT OPENINGS SHALL BE COVERED WITH I/4" CORROSION STANT METAL BE RESPONSIBLE FOR COORDINATING WITH TRUSS UPACTUREE TO ACCOMMODATE ALL ATTIC VENTS. 124 50. IN. VENT OPENINGS SHALL BE NOTALED SO AS TO MAKE THEM WATER- COR & NALL MONTED LOW FERS SHALL BE SALED & FLASHED VENTORE THE SAME MANNER PRESCREENDER ON MINDOW 14 50. EN.	12 NC9957NCF · 69726/9 · DCS 13 DIVISION REVISIONS 14 NC20003NCF · 12/2/9 · CL 15 DIVISION REVISION 14 NC20010NCF · 01/7/20 · CL 15 DIVISION REVISION 16 DIVISION REVISION 17 CORP20002COR-08/20/20 · KBA 18 NC20017NCF · 03/04/20 · KBA 19 NC20017NCF · 03/04/20 · KBA 11 NC20017NCF · 03/04/20 · KBA 12 DIVISION RED REVISION 11 NC20017NCF · 01/06/20 · KBA 11 NC20017NCF · 01/06/20 · KBA 12 DIVISION RED REVISION 13 ADD DECK OFTUCH 14 NC20057NCF · 10/1/21 · CTD 12 DIVISION RED REVISION 13 ADD DECK OFTUCH 14 NC20057NCF · 10/1/21 · CTD 15 SHEET: 13 SBEZ
SUBAREA SUBAREA VENTION ATTIC	TOTAL HIGH VENTILATION: 452 50. IN. LF VENTILATED SOFFIT AT 6.4 50. IN. / LF. = ROOF VENT(9) AT 50 50. IN. EA. = TOTAL LOW VENT(9) AT 50 50. IN. EA. = So 50. IN. 56 50. IN. TOTAL LOW VENT(9) AT 50 50. IN. EA. = VENTILATION PROVIDED. 50 50. IN. EA. = 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 150 0.00 FT. 150 0.00 FT. 150 0.00 IN. LATION PROVIDED. TOTAL HIGH & LOW = 41 50. IN. 12 50. IN. LATION PROVIDED. LE VENTLATION PROVIDED. 124 50. IN. 124 50. IN. LYENTLATION PROVIDED. VENT OPENINGS SHALL BE COVERED WITH I/4" CORROSION STANT METAL BE RESPONSIBLE FOR COORDINATING WITH TRUSS UPACTUREE TO ACCOMMODATE ALL ATTIC VENTS. 124 50. IN. VENT OPENINGS SHALL BE NOTALED SO AS TO MAKE THEM WATER- COR & NALL MONTED LOW FERS SHALL BE SALED & FLASHED VENTORE THE SAME MANNER PRESCREENDER ON MINDOW 14 50. EN.	12 NC9957NCF · 69726/9 · DCS 13 DIVISION REVISIONS 14 NC20008NCF · 12/21/9 · CL 15 DIVISION REVISION 16 DIVISION REVISION 16 NC20017NCF · 01/04/20 · KBA 17 HOME OFFICE 18 NC20017NCF · 01/04/20 · KBA 19 DIVISION REVISION 10 NC20017NCF · 01/04/20 · KBA 10 NC20105NCF · 02/04/20 · KBA 10 NC20015NCF · 01/04/20 · KBA 10 NC2005NCF · 01/04/20 · KBA 10 NC2005NCF · 01/04/20 · KBA 10 NC2005NCF · 01/04/20 · KBA 11 NC2005NCF · 01/04/21 · KBA 20 DIVISION REVISION 11 NC2005NCF · 01/04/21 · KBA 21 ADD DECK OPTION 11 NC2005NCF · 01/04/21 · KBA 6 NC2005NCF · 01/04/21 · KBA 11 NC2005NCF · 01/04/21 · KBA 12 NC2005NCF · 01/04/21 · KBA 13 NC2005NCF · 01/04/21 · KBA 14 NC2005NCF · 01/04/21 · KBA 15 NC2005NCF · 01/04/21 · KBA 11 NC2005NCF ·
SUBAREA SUBAREA VENTION ATTIC	TOTAL HIGH VENTILATION: 452 50. IN. LF VENTILATED SOFFIT AT 6.4 50. IN. / LF. = ROOF VENT(9) AT 50 50. IN. EA. = TOTAL LOW VENT(9) AT 50 50. IN. EA. = So 50. IN. 56 50. IN. TOTAL LOW VENT(9) AT 50 50. IN. EA. = VENTILATION PROVIDED. 50 50. IN. EA. = 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 50 50. IN. 50 50. IN. 50 50. IN. 2 VENT(ATION 150 0.00 FT. 150 0.00 FT. 150 0.00 IN. LATION PROVIDED. TOTAL HIGH & LOW = 41 50. IN. 12 50. IN. LATION PROVIDED. LE VENTLATION PROVIDED. 124 50. IN. 124 50. IN. LYENTLATION PROVIDED. VENT OPENINGS SHALL BE COVERED WITH I/4" CORROSION STANT METAL BE RESPONSIBLE FOR COORDINATING WITH TRUSS UPACTUREE TO ACCOMMODATE ALL ATTIC VENTS. 124 50. IN. VENT OPENINGS SHALL BE NOTALED SO AS TO MAKE THEM WATER- COR & NALL MONTED LOW FERS SHALL BE SALED & FLASHED VENTORE THE SAME MANNER PRESCREENDER ON MINDOW 14 50. EN.	12 NC19697NCF · 69/26/9 · DCS 13 DIVISION REVISIONS NC20008NCF · 60/17/20 · CL 14 NC20008NCF · 60/17/20 · CL 15 DIVISION REVISION NC20018NCF · 60/17/20 · CL 15 NC20018NCF · 60/17/20 · CL 15 NC20018NCF · 60/17/20 · CL 16 NC20018NCF · 60/16/20 · KBA 17 HOME OFFICE 18 NC20017NCF · 10/06/20 · KBA 19 DIVISION REVISION NC20058NCF · 60/06/20 · KBA 10 NC20058NCF · 60/06/20 · KBA 11 NC20058NCF · 60/06/21 · KBA 12 DIVISION REVISION NC20058NCF · 60/06/21 · KBA 10 NC20058NCF · 10/06/21 · KBA 11 NC20058NCF · 10/06/21 · KBA 12 DIVISION REVISION NC20058NCF · 10/06/21 · KBA 11 NC20058NCF · 10/06/21 · KBA 11 NC20058NCF · 10/06/21 · KBA 12 NC20058NCF · 10/06/21 · KBA 13 NC20058NCF · 10/06/21 · KBA 14 NC20058NCF · 10/06/21 · KBA 10 NC2058NC
SUBAREA SUBAREA VENTION ATTIC	TOTAL HIGH VENTILATION: 452 50. IN. LF VENTILATED SOFFIT AT 6.4 50. IN. / LF. = ROOF VENT(9) AT 50 50. IN. EA. = TOTAL LOW VENT(9) AT 50 50. IN. EA. = So 50. IN. 56 50. IN. TOTAL LOW VENT(9) AT 50 50. IN. EA. = VENTILATION PROVIDED. 50 50. IN. EA. = 50 50. IN. 50 50. IN. 2 YEARCH 245 50. IN. 50 50. IN. 50 50. IN. 2 YEARCH 50 50. IN. 50 50. IN. 50 50. IN. 2 YEARCH 50 50. IN. 50 50. IN. 50 50. IN. 2 YEARCH 50 50. IN. 50 50. IN. 50 50. IN. LATION REQUIRED. INTOTAL HIGH & LOW = 41 50. IN. 10 50. IN. LATION PROVIDED. IF VENTILATION 16 50. IN. 12 50. IN. 12 50. IN. LATION PROVIDED. VENT OPENINGS SHALL BE COVERED WITH I/4" CORROSION STANT METAL BE RESPONSIBLE FOR COORDINATING WITH TRUSS UPACTURER TO ACCOMMODATE ALL ATTIC VENTS. 12 50. IN. VENT OPENINGS SHALL BE COVERED WITH I/4" CORROSION STANT METAL BE RESPONSIBLE FOR COORDINATING WITH TRUSS UPACTURER TO ACCOMMODATE ALL ATTIC VENTS. 12 50. IN. VENT OPENINGS SHALL BE NOTALIED SO AS TO MAKE THEM WATER- COR 1 NALL MONTED LOW FERS SHALL BE SALED 4 FLASHED VOISTOF" IN THE SAME MANNER PRESCRIEDE FOR MINDOW	12 NC9957NCF · 69/26/9 · DCS 13 DIVISION REVISIONS NC20003NCF · 01/17/20 · CL 14 NC20003NCF · 01/17/20 · CL 15 DIVISION REVISION NC20013NCF · 01/07/20 · KBA 16 DIVISION REVISION NC20013NCF · 03/07/20 · KBA 17 CORF20003CORF-04/20/20 · CD ADD NOTE TO TS CORF20003CORF-04/20/20 · KBA 18 NC20013NCF · 10/06/20 · KBA 19 NC20013NCF · 10/06/20 · KBA 10 NC20013NCF · 10/06/20 · CD MC21003NCF · 10/06/20 · CD MC21003NCF · 10/06/21 · CDA 10 NC20013NCF · 10/06/20 · CDA 11 NC20013NCF · 10/06/20 · CDA 11 NC20013NCF · 10/0711 · EDA 12 NC20013NCF · 10/0711 · CDA 11 NC20013NCF · 10/0711 · CDA 12 NC20013NCF · 10/0711 · CDA 12 NC20013NCF · 10/0711 · CDA 13 NC20013NCF · 10/0711 · CDA 14 NC20013NCF · 10/0711 · CDA 15 NC20013NCF · 10/0711 · CDA 14 NC20013NCF · 10/0711 · CDA 15 NC20013NCF · 10/0



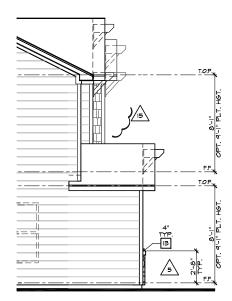
 PARTIAL
 RIGHT
 ELEVATION
 'B'

 W/
 STONE
 OPTION

 SCALE
 1/4"=1"-Q"
 (22"X84") - 1/8"=1"-Q"
 (11"X1")



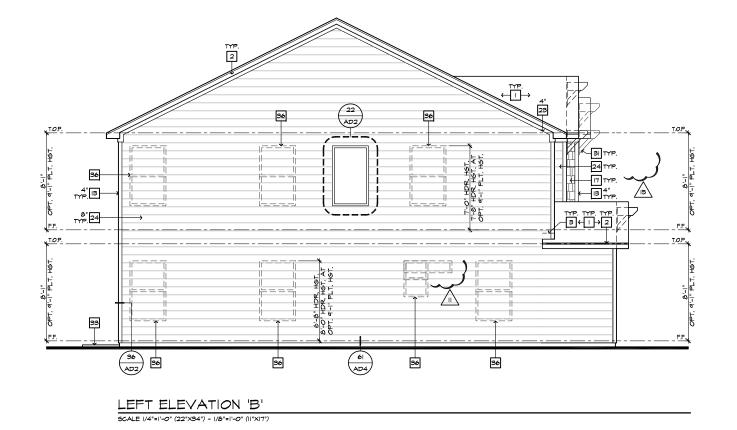
SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

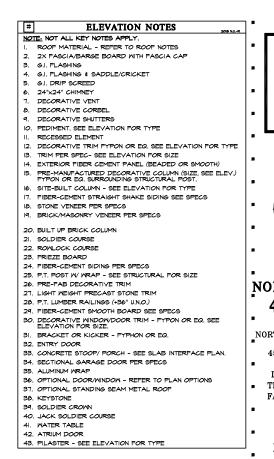


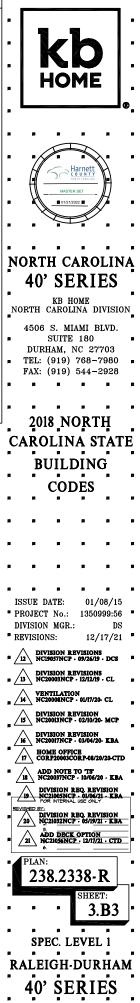
 PARTIAL LEFT ELEVATION 'B'

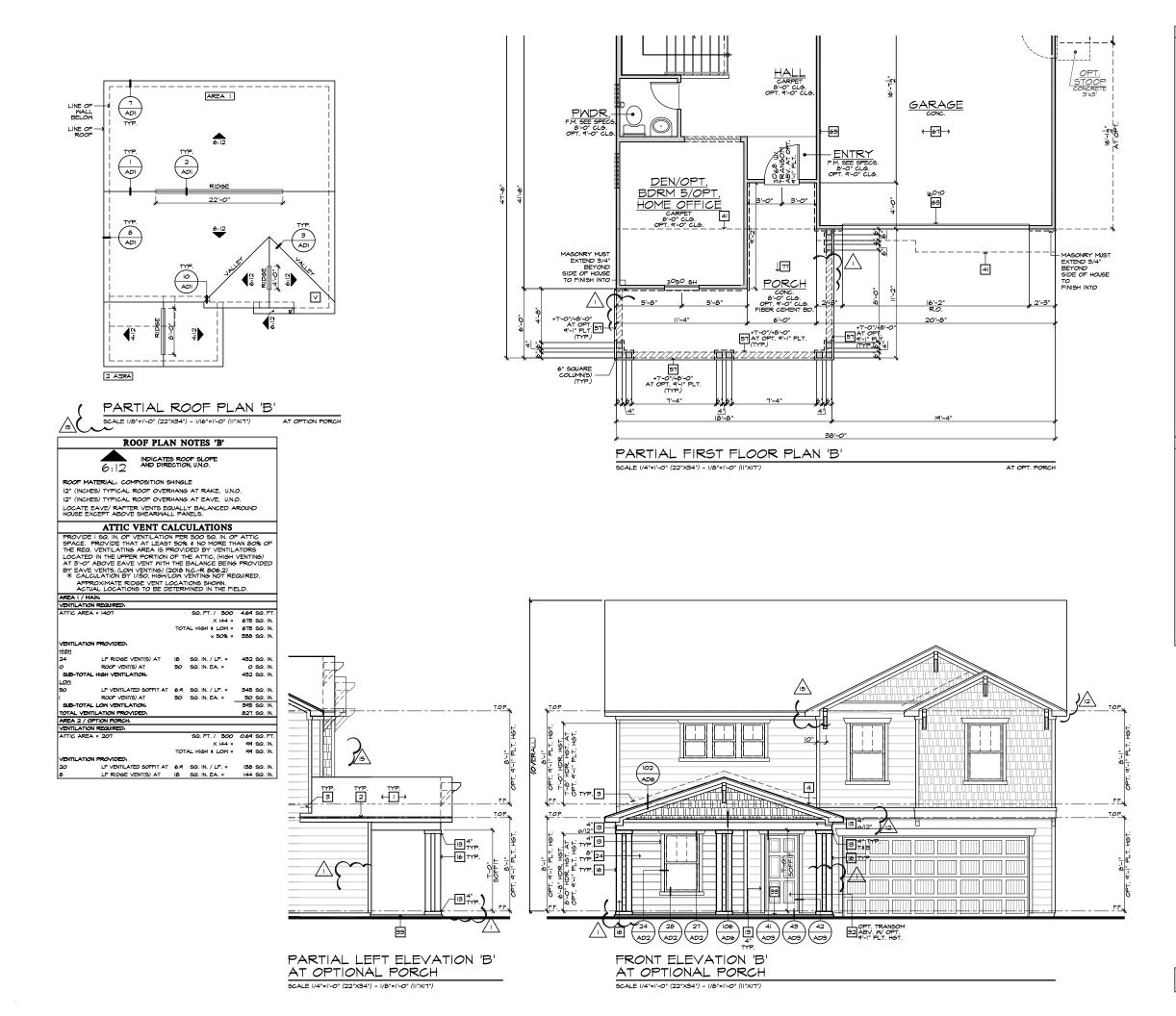
 W/ STONE OPTION

 SCALE 1/4*=1-0* (22*X84*) - 1/8*=1-0* (11*X17*)

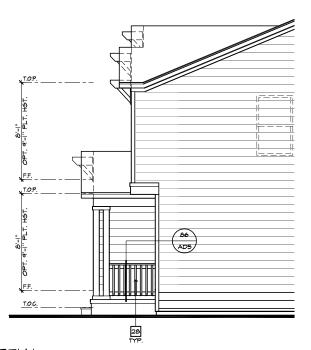




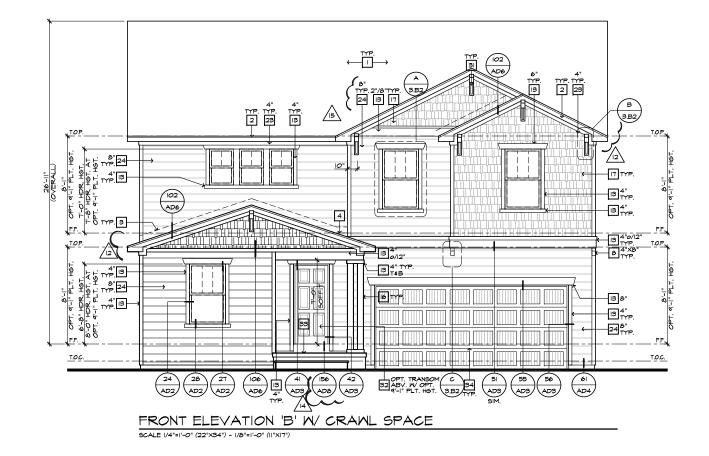


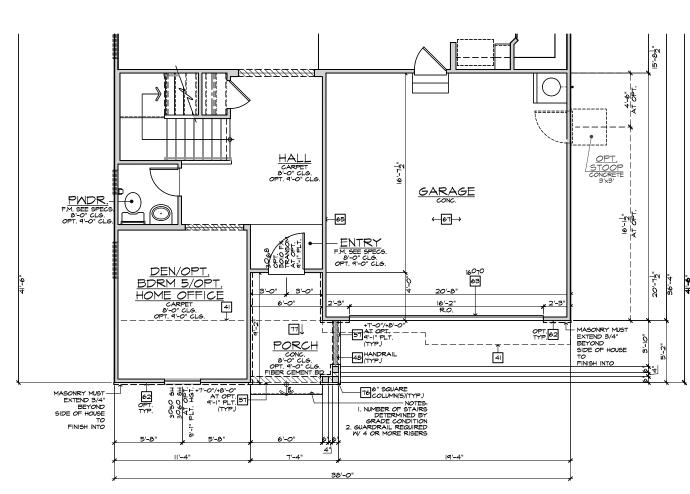


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EATFORM - FOR INTERIOR LOCATION - PROVIDE PAR 4 MONT DRAIN, REFER TO DETAILS. 26 WATER HEATER B' VENT TO OUTSIDE AIR MAINLINE SHUT-OF VALVE AND TEMP. 4 PRESSURE RELIEF 94. LINE OF FLOOR BEOVE 42. LINE OF FLOOR BEOVE 42. LINE OF FLOOR BEOVE 42. LINE OF FLOOR BEOVE 43. LINE OF LOOR BEOVE 43. LINE OF LOOR BEOVE 44. LINE OF FLOOR ARDVIE 50. WILL BE COM BEOVE 45. LINE OF FLOOR ARDVIE 50. WILL BE COM BEOVE 45. LINE OF FLOOR ARDVIE 50. NTERIOR SHELF - TO PLAN FOR HEIGHT 51. HTERIOR SHELF - TO PLAN FOR HEIGHT 51. HTERIOR SHELF - TO PLAN FOR HEIGHT 53. SECTION OF ICO SHELF OF PLAN FOR HEIGHT 53. SECTION OF ICO SHELF OF PLAN FOR HEIGHT 54. STREED DECORATIVE COLUMN (SIZE SEE ELEV.) PYFON BE OS SHELFONDING STREED CLUARD S6' HIGH WITH MIN. 27. EMBEDNET: INTO CONCRETE INTRODUCE AND AND AND THE COLUMN (SIZE SEE ELEV.) PYFON BE OS SHELFONDING STREED OF OFFICS 66. S' DIAM. CONCRETE FILLED PIFE BOLLARD S6' HIGH WITH MIN. 27. EMBEDNET: INTO CONCRETE INTRODUCE AND	-
99. UILE OF HALL BELOW 41. LINE OF FLOOR BELOW 42. LINE OF FLOOR BELOW 42. LINE OF FLOOR BELOW 43. LINE OF FLOOR BOVE 44. LINE OF FLOOR BOVE 44. LINE OF FLOOR BOVE 45. DATE: TO PLAN FOR HEIGHT 55. ARCHED SOFFIT 50. ARCHED SOFFIT 50. ARCHED SOFFIT 50. ARCHED DECORATIVE COLUMN (SIZE SEE ELEV.) 51. FOR TROUNDED DECORATIVE COLUMN (SIZE SEE ELEV.) 52. PRICK / STONE VENEER - REFER TO ELEVATIONS 53. SECTIONAL GARAGE DOOR PER SPECS 54. SECTIONAL GARAGE DOOR PER SPECS 55. SECTIONAL GARAGE DOOR PER SPECS 56. STE-BULT COLUMN - SEE ELEVATION FOR TYPE 10. CORRETE SLAB. SLOPE 1/4' PER PT. MIN. SEE PLAN FOR 11. CONCETE SLAB. SLOPE 1/4' PER PT. MIN. SEE PLAN FOR 12. SUE DATE: 01/08 13. DIVISION REVISIONS 14. DIVISION REVISIONS 15. SUE DATE: 01/08 15. SUE DATE: 01/08 16. SUE DATE: 01/08 17. SUE 18. SUE DATE: 01/08 18. SUE DATE: 01/08 19. SUE DATE: 00/07 19. SUE DATE: 00/07 19. SUE DATE: 00/08 19. SUE DATE: 00/07 19. SUE DATE: 00/08 19. SUE DATE: 00/08 10. SUE DATE	
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12 LINE OF FLOOR DELOW 13 LINE OF FLOOR DELOW 14 MINE OF HOLD GATION 15 LOW WALL - REFER TO PLAN FOR HEIGHT 15 JOU WALL - REFER TO PLAN FOR HEIGHT 15 JOU WALL - REFER TO PLAN FOR HEIGHT 16 OPT. DOOR/ MINDOW 16. OPT. DOOR/ MINDOW 17. FLORO RE ED SUPERIT 18. ACCUEDED SUPERIT 19. MINE ON LEGACE DOOR PER STELCTURAL POST. 19. MINDOW LEDDED HOR PREFECT 19. STEEDULT COLLMAN - SEE ELEVATION FOR TOTEE 10. MINDOW LEDDED. MALL - SEE FLORO PREFECT 11. COLMAN - SEE ELEVATION FOR TOTEE 11. COLMAN - SEE ELEVATION FOR TOTEE 12. DIVISION REVISIONS: 12. DIVISION REVISIONS: 11. SUBSTICE - NOISAN REVISIONS 12. DIVISION REVISION <th>8</th>	8
 b) LOW MALL - KEPER 10 PLAN FOR HEIGHT c) DUD MALL - REFER TO PLAN FOR HEIGHT c) DOT DOAL c) DOT MALEF - REFER TO PLAN FOR HEIGHT c) PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) PPROVAL GAZENTIRED DOES PERT TO ELEVATIONS c) OPT. DOOR / INDOW c) PRE-MANUFACTURED DOOR PERT TO ELEVATIONS c) SECTIONAL GAZENED DOOR PERT TO ELEVATIONS c) EGRESS INDOW c) EGRESS INDOW<!--</th--><th>-</th>	-
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57. FLAT SOFFIT 60. OPT. DOOR! WINDOW 60. OPT. DOOR! WINDOW 61. PRECMANE ACTURER CARADING STRUCTURAL POST. 62. BRICK / STORE VENEER - REFER TO ELEVATIONS 63. SECTIONAL GARAGE DOOR PER SPECS 66. ST DIAM.CONCRETE FILLED PIPE BOLLARD 36' HIGH WITH MIN 12' EMBEDNENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC MATER HEATERS OR FOR APPLIANCES LOCATER WIDTH OF OPENING TO EXTEND 6'' 15. EGRESS HINDOW 15. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6'' 16. STE-BUILT COLUMN - SEE ELEVATION FOR TYPE 11. CONCRETE SLAB, SLOPE 1/4' PER FT. MIN. SEE PLAN FOR SIZE 17. DOST ON MEAN. 18. DIVISION REVISIONS 19. DIVISION REVISIONS 19. DIVISION REVISIONS 19. DIVISION REVISIONS 19. MC0000NCF - 00/27/3 - 00/26/3 - 1 19. MC0000NCF - 00/27/3 - 00/26/3 - 1 19. MC0000NCF - 00/27/3 - 0 19. MC0000NCF - 00/27/3 - 0 10.	8
60. OPT. DOOR. / NINDOW 61. PRE-MANUFACT.RED DECORATIVE COLUMN (SIZE, SEE ELEV) PTEON OR EG. SURROADING STRUCTURAL POST. 52. DEVENDENT OF THE TOPEL 53. DEVENDENT OF THE TOPEL 54. DEVENDENT OF THE OFFICE 55. DEVENDENT OF THE OFFICE MINLOY REGURED AT ELECTRIC MATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLES NORMAL 70. TINDOW LEDGEL HEIGHT & WIDTH OF OPENING TO EXTEND 6" 71. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR 51. SIZE 51. DEVISION REVISIONS. 51. DIVISION REVISIONS. 52. DIVISION REVISIONS. 53. DIVISION REVISIONS. 54. DIVISION REVISIONS. 55. DIVISION REVISIONS. 55. DIVISION REVISIONS. 50. DIVISION REVERSIONS. 50. DIVISION REVERS	
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66. 3° DIAM. CONCRETE FILLED PIPE BOLLARD 36° HIGH NITH MIN 12° EMBEDDENT INTO CONCRETE. (NOT REQUERD AT ELECTRIC MATER HEATERS OR FOR ARANE FATU, 68. PT. POST W. WRAP. 10. EGRESS INIDOM 15. WINDOM LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND NINDOWS ON ALL SIDES UND. 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 17. CORCRETE SLAB. SLOPE 1/4° PER PT. MIN. SEE PLAN FOR SUZE SUZE 10. VISION REVISIONS 10. SUZE 10. VISION REVISIONS 10. VISION REVISION 10. VISION RE	
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NOTE: TO BASIC FLOOR FLAN FOR INFORMATION NOT	'S
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PARTIAL <u>RIGHT ELEVATION 'B' AT CRAWL SPACE</u> <u>SCALE 1/4*=1-0* (22*X34*) - 1/8*=1-0* (11*X17*)</u>

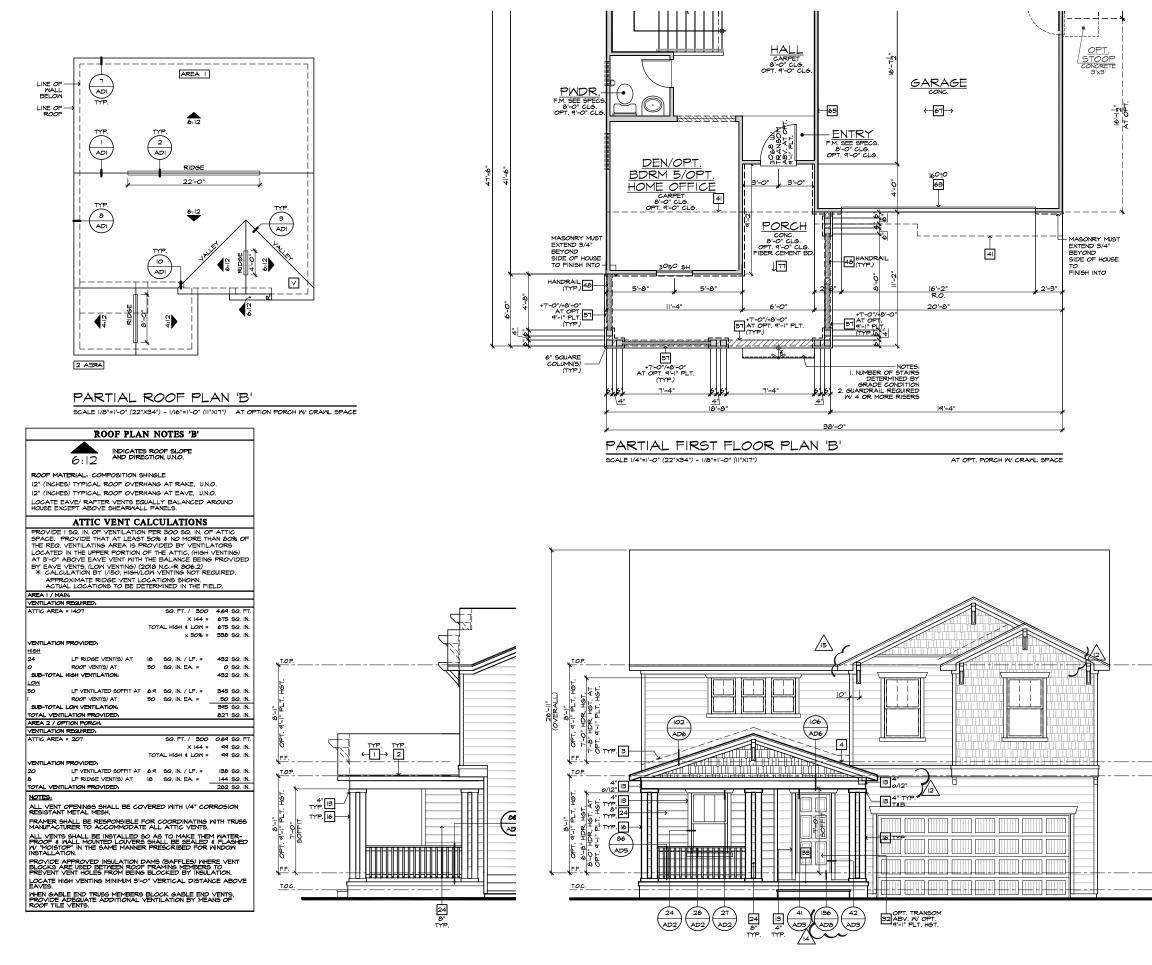




PARTIAL FIRST FLOOR PLAN 'B' AT CRAWL SPACE

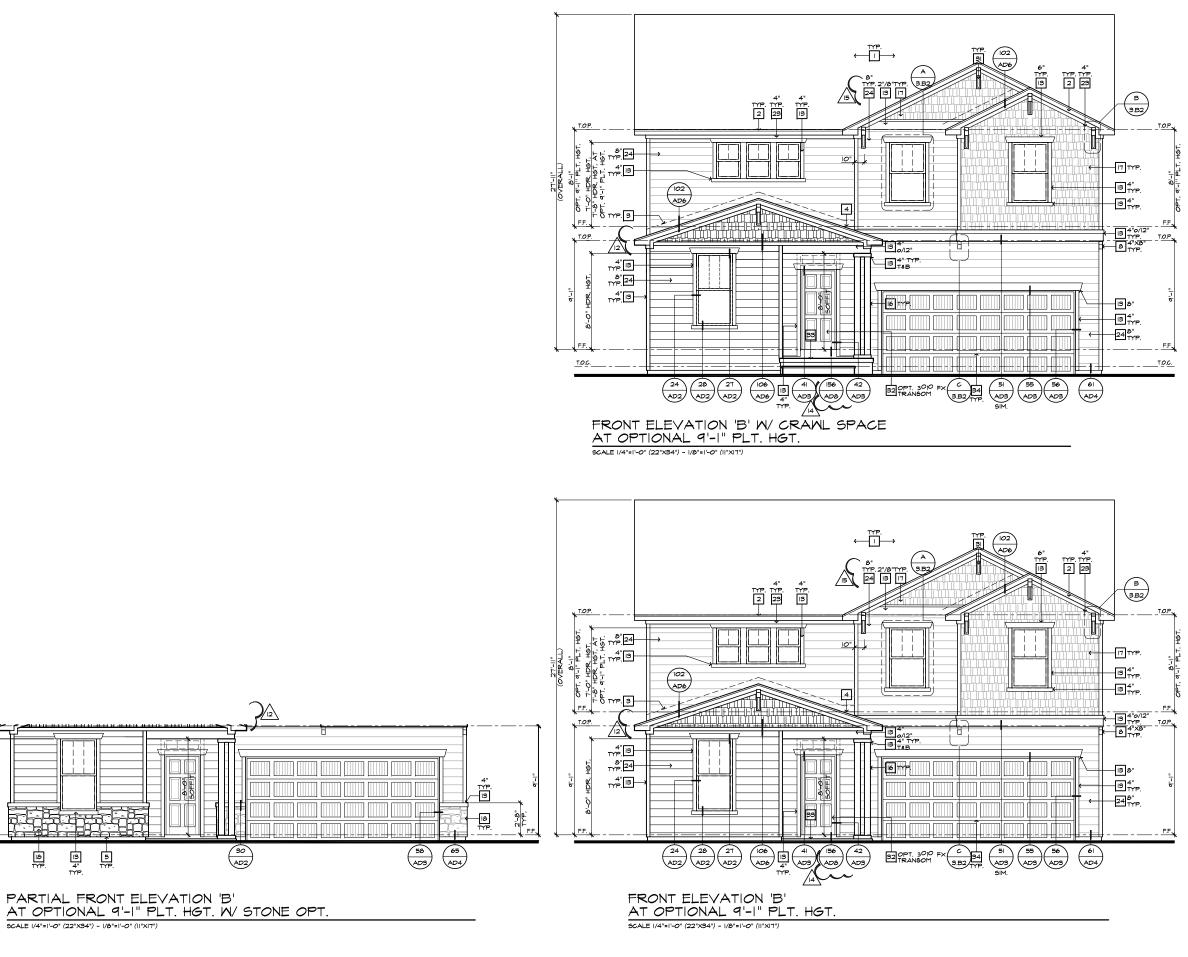
SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

#	ELEVATION NOTES	· · · · ·
	E. NOT ALL KEY NOTES APPLY.	
	ROOF MATERIAL - REFER TO ROOF NOTES	' I I
	2X FASCIA/BARGE BOARD WITH FASCIA CAP G.I. FLASHING	
	G.I. FLASHING & SADDLE/CRICKET	
	G.I. DRIP SCREED	. KD
5.	24"x24" CHIMNEY	
	DECORATIVE VENT	I HOME I
	DECORATIVE CORBEL	I I I I I I I I I I I I I I I I I I I
	DECORATIVE SHUTTERS	
	PEDIMENT, SEE ELEVATION FOR TYPE	
	RECESSED ELEMENT DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	-
	TRIM PER SPEC- SEE ELEVATION FOR SIZE	
	EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)	
5.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.	
	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS	Harnett
	STONE VENEER PER SPECS	
	BRICK/MASONRY VENEER PER SPECS	MASTER SET
		- H
	BUILT UP BRICK COLUMN	
	SOLDIER COURSE	
	ROWLOCK COURSE	
	FRIEZE BOARD FIBER-CEMENT SIDING PER SPECS	
	FIBER-CEMENT SIDING PER SPECS P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE	
	P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE PRE-FAB DECORATIVE TRIM	NODTH CAPOLIN
	LIGHT WEIGHT PRECAST STONE TRIM	NORTH CAROLIN
	P.T. LUMBER RAILINGS (+36" U.N.O.)	40' SERIES
	FIBER-CEMENT SMOOTH BOARD SEE SPECS	HU SEKIES
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE	P NOVE
21	ELEVATION FOR SIZE. BRACKET OR KICKER - FYPHON OR EQ.	KB HOME NORTH CAROLINA DIVISIO
	BRACKET OR KICKER - FYPHON OR EQ. ENTRY DOOR	B
	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4506 S. MIAMI BLVD.
	SECTIONAL GARAGE DOOR PER SPECS	■ SUITE 180
	ALUMINUM WRAP	
	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703
	OPTIONAL STANDING SEAM METAL ROOF	TEL: (919) 768-7980
	KEYSTONE	FAX: (919) 544-2928
	SOLDIER CROWN JACK SOLDIER COURSE	
	WATER TABLE	
	ATRIUM DOOR	
43.	PILASTER - SEE ELEVATION FOR TYPE	2018_NORTH
#	PARTIAL PLAN NOTES	
NOT	E: NOT ALL KEY NOTES APPLY.	CAROLINA STAT
27.	MATTER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & WATER HEATER B' VENT 10 OUTSIDE AIR WATER HEATER B' VENT 10 OUTSIDE AIR MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	
28	DRAIN. (REFER TO DETAILS) WATER HEATER 'B' VENT TO OUTSIDE AIR	BUILDING
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	BUILDING
39. 41	VALVE LINE OF WALL BELOW LINE OF FLOOR ABOVE	CODES
42.	LINE OF FLOOR ABOVE LINE OF FLOOR BELOM MIN 34 HIGH GUADRAN (REEER TO DETAIL GHEETS)	CODES
48: 51	LINE OF FLOOR BELOW MIN 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) A/C PAD LOCATION LOW WALL - REFER TO PLAN FOR HEIGHT	
52.	2×6 STUD WALL	
54. 55.	DBL. 2x4 WALL PER PLAN INTERIOR SHELF - REFER TO PLAN FOR HEIGHT	
57. 58.	FLAT SOFFIT ARCHED SOFFIT	
60	OPT. DOOR/ WINDOW PRE-MANUFACTURED DECORATIVE COLUMN (SIZE SEE ELEV.)	
	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) PYPON OR EQ. SURROUNDING STRUCTURAL POST. BRICK / STONE VENEER - REFER TO ELEVATIONS	
63.	SECTIONAL GARAGE DOOR PER SPECS	
66.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.	
	(NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR	
	APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).	
70.	P.T. POST W WRAP. EGRESS WINDOW	ISSUE DATE: 01/08/15
75	WINDOW LEDGE HEIGHT & WIDTH OF OPENING TO EXTEND 6"	PROJECT No.: 1350999:56
76.	BEYOND WINDOW(S) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	DIVISION MGR.: DS
17.	CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE.	REVISIONS: 12/17/21
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		IZ DIVISION REVISIONS NC19057NCP - 09/26/19 - DCS
		B /13 DIVISION REVISIONS NC20003NCP · 12/12/19 · CL
		VENTILATION NC20008NCP · 01/17/20- CL
		■ <u>14</u> NC20008NCP · 01/17/20- CL
		■ <u>14</u> NC20008NCP · 01/17/20- CL DIVISION REVISION NC20013NCP · 02/10/20- MCP
		■ <u>/14</u> NC20008NCP · 01/17/20· CL DIVISION REVISION NC20013NCP · 02/10/20- MCP
		■ <u>14</u> NC20008NCP · 01/17/20- CL DIVISION REVISION NC20013NCP · 02/10/20- MCP
		A NC20008NCP · 0J17/20- CL S DIVISION REVISION AC2005NCP · 0J0/020- MCP AC20017NCP · 0J0/020- KBA AC20017NCP · 0J0/020- KBA HOME OFFICE
		▲ 14 NC20008NCP • 0J/17/24 CL DIVISION REVISION NC20013NCP • 0J/07/20 MCP ↓ DIVISION REVISION DIVISION REVISION NC20017NCP • 03/04/20 EBA
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		14 NC20008NCP • 0/17/20- CL 15 DIVISION REVISION 16 NC20013NCP • 0/20/20- MCP 16 NC20017NCP • 0/3/04/20- KBA 17 CORF/2008SCORF-0/2/20-CTE 18 ADD NOTE TO T5' 18 NC20057NCP • 10/06/20 - KBA
		 <u>/14</u> NC2000ENCP 0.01/17/20 CL <u>DIVISION REVISION</u> <u>NC20001NCP 0.2010/20 MCP</u> <u>NC2001NCP 0.2010/20 KBA</u> <u>NC2001NCP 0.2010/20 KBA</u> <u>NC2001NCP 0.1006/20 KBA</u> <u>NC20007NCP 1006/20 KBA</u> <u>DIVISION REVISION</u> <u>NC20007NCP 1006/20 KBA</u>
		 A NC20008NCP - 0.1/17/20- CL DIVISION REVISION B DIVISION REVISION NC20019CP - 0.2/10/20- MCP NC20019CP - 0.2/10/20- KBA HOME OFFICE ADD NOTE TO TF NC20057NCP - 10/06/20 - KBA DIVISION REQ REVISION NC21050NCP - 0.10/6/20 - KBA
		14 NC20008NCP • 01/17/20- CL 15 DIVISION REVISION 16 NC20013NCP • 02/06/20- MCP 16 NC20017NCP • 03/06/20- KBA 17 HOME OFFICE 10 NC20017NCP • 03/06/20- KBA 11 HOME OFFICE 12 ADD NOTE TO TS 18 NC20057NCP • 10/06/20 • KBA 19 DIVISION REQ LEVISION 19 DIVISION REQ LEVISION 19 CO20057NCP • 10/06/20 • KBA 19 CO20057NCP • 10/06/20 • CBA 10 DIVISION REQ LEVISION 10 DIVISION REQ LEVISION 10 DIVISION REQ LEVES 10 DIVISION REQ LEVES 10 DIVISION REQ LEVES 10 DIVISION REQ LEVES
		 A NC20008NCP - 0.1/17/20- CL DIVISION REVISION B DIVISION REVISION NC20019CP - 0.2/10/20- MCP NC20019CP - 0.2/10/20- KBA HOME OFFICE ADD NOTE TO TF NC20057NCP - 10/06/20 - KBA DIVISION REQ REVISION NC21050NCP - 0.10/6/20 - KBA
		14 NC20008NCP • 01/17/20- CL 15 DIVISION REVISION 15 NC20013NCP • 02/10/20- MCP 16 NC20017NCP • 03/04/20- KBA 17 HOME OFFICE 17 CORP20095CORP-04/20/20-CTL 18 NC20017NCP • 10/06/20 • KBA 19 DIVISION REQUESTION 19 DIVISION REQUESTION 19 DIVISION REQUESTION 10 DIVISION REQUESTION 10 DIVISION REQUESTION 10 DIVISION REQUESTION 10 DIVISION REQUESTION 110 NC20057NCP • 10/06/20 • KBA 110 NC20057NCP • 10/06/20 • KBA 110 DIVISION REQ. REVISION 110 NC20057NCP • 10/06/21 • KBA 110 DIVISION REQ. REVISION 120 DIVISION REQ. REVISION 130 DIVISION REQ. REVISION 140 DIVISION REQ. REVISION 150 DIVISION REQ. REVISION 10 DIVISION REQ. REVISION 10 DIVISION REQ. REVISION 10 DIVISION REQ. REVISIO
		 A NC20008NCP • 0J17/20- CL DIVISION REVISION NC20013NCP • 0J20/20- MCP NC20013NCP • 0J20/20- KBA HOME DEFICE HOME OFFICE NC20017NCP • 10/06/20 • KBA
		 A NC20008NCP - 0/117/20- CL DIVISION REVISION B DIVISION REVISION NC20013NCP - 0/20/20- MCP NC20017NCP - 0/20/20- KBA HOME DEFICE ADD NOTE TO TF NC20057NCP - 0/06/20 - KBA MC20057NCP - 0/06/20 - KBA MC2005NCP - 0/07 MC2005NCP - 0/07<
		14 NC20008NCP · 0/11/20- CL 15 DIVISION REVISION 16 NC20013NCP · 0/20/20- MCP 16 NC20017NCP · 0/20/20- KBA 17 CORP20093CORP-0/20/20-CTE 18 NC20017NCP · 0/20/20- KBA 19 NC20017NCP · 0/20/20- KBA 10 NC20017NCP · 0/20/20- KBA 11 NC20017NCP · 0/20/20- KBA 12 NC20017NCP · 0/20/20- KBA 13 NC20017NCP · 0/20/20- KBA 14 NC20017NCP · 0/20/20- KBA 15 NC20017NCP · 0/20/20- KBA 16 NC20017NCP · 0/20/20- KBA 17 CORPECT 18 NC20017NCP · 0/20/20- KBA 19 NC20017NCP · 0/20/20- KBA 10 NC200100NCP · 0/20/20- KBA 10 NC200100NCP · 0/20/20- KBA 10 NC200100
		14 NC20008NCP · 0/11/20- CL 15 DIVISION REVISION 16 NC20013NCP · 0/20/20- MCP 16 NC20017NCP · 0/20/20- KBA 17 CORP20093CORP-0/20/20-CTE 18 NC20017NCP · 0/20/20- KBA 19 NC20017NCP · 0/20/20- KBA 10 NC20017NCP · 0/20/20- KBA 11 NC20017NCP · 0/20/20- KBA 12 NC20017NCP · 0/20/20- KBA 13 NC20017NCP · 0/20/20- KBA 14 NC20017NCP · 0/20/20- KBA 15 NC20017NCP · 0/20/20- KBA 16 NC20017NCP · 0/20/20- KBA 17 CORPECT 18 NC20017NCP · 0/20/20- KBA 19 NC20017NCP · 0/20/20- KBA 10 NC200100NCP · 0/20/20- KBA 10 NC200100NCP · 0/20/20- KBA 10 NC200100
		 A NC20008NCP - 0/117/20- CL DIVISION REVISION B DIVISION REVISION NC20013NCP - 0/20/20- MCP NC20017NCP - 0/20/20- KBA HOME DEFICE ADD NOTE TO TF NC20057NCP - 0/06/20 - KBA MC20057NCP - 0/06/20 - KBA MC2005NCP - 0/07 MC2005NCP - 0/07<
		14 NC20008NCP · 0/11/720 · CL 15 DIVISION REVISION 16 NC20013NCP · 0/20/20 · MCP 16 NC20017NCP · 0/20/20 · MCP 16 NC20017NCP · 0/20/20 · MCP 16 NC20017NCP · 0/20/20 · MCP 17 CORP20093CORP-0/20/20 · CTD 18 NC20017NCP · 0/20/20 · KBA 19 NC20017NCP · 0/20/20 · KBA 10 NC20017NCP · 0/20/20 · KBA 11 NC20017NCP · 0/20/20 · KBA 12 NC20017NCP · 0/20/20 · KBA 13 NC20017NCP · 0/20/20 · KBA 14 NC20017NCP · 0/20/20 · KBA 15 NC20017NCP · 0/20/20 · KBA 16 NC20017NCP · 0/20/20 · KBA 17 COMPACING · 0/20/20 · KBA 18 NC20017NCP · 0/20/20 · KBA 19 NC20017NCP · 0/20/20 · KBA 10 NC20010NCP · 0/20/20 · KBA 10 NC20010NCP · 0/20/20 · KBA 10 NC20010NCP · 0/20/20 · KBA
		 A NC20008NCP • 0.117/24• CL D DIVISION REVISION B NC20019KCP • 0.2010/24• MCP NC20019KCP • 0.2010/24• MCP NC20019KCP • 0.2010/24• KBA T HOME OFFICE ADD NOTE TO TF ADD NOTE TO TF NC210050KCP • 0.106/24• KBA DIVISION REQ REVISION NC210050KCP • 0.106/24• KBA NC210050KCP • 0.106/24• KBA NC210050KCP • 0.106/24• KBA NC21050KCP • 0.106/24• KBA DIVISION REQ REVISION NC21050KCP • 0.106/24• KBA NC21050KCP • 0.107(Z1 • KBA
		 A NC20008NCP . 01/17/20 CL D DIVISION REVISION NC20019NCF . 02/07/20 MCP D DIVISION REVISION NC20019NCF . 02/07/20 KBA NC20019NCF . 02/07/20 KBA ADD NOTE TO TF NC20057NCF . 10/06/20 . KBA D DIVISION REQ REVISION DIVISION REQ REVISION NC210057NCF . 01/06/20 . KBA D DIVISION REQ REVISION NC210057NCF . 01/06/20 . KBA D DIVISION REQ REVISION NC210057NCF . 01/06/20 . KBA D DIVISION REQ REVISION NC210057NCF . 01/06/20 . KBA NC210057NCF . 01/07/21 . KBA NC210057NCF . 01/07/21 . CTD NC21005NCF . 12/17/21 . CTD PLAN:
		 A NC20008NCP • 0.117/24• CL D DIVISION REVISION B NC20019KCP • 0.2010/24• MCP NC20019KCP • 0.2010/24• MCP NC20019KCP • 0.2010/24• KBA T HOME OFFICE ADD NOTE TO TF ADD NOTE TO TF NC210050KCP • 0.106/24• KBA DIVISION REQ REVISION NC210050KCP • 0.106/24• KBA NC210050KCP • 0.106/24• KBA NC210050KCP • 0.106/24• KBA NC21050KCP • 0.106/24• KBA DIVISION REQ REVISION NC21050KCP • 0.106/24• KBA NC21050KCP • 0.107(Z1 • KBA
		14 NC20008NCP · 02/10/20- CL 15 DIVISION REVISION 16 NC20019NCP · 02/00/20- MCP 16 NC20017NCP · 02/00/20- KBA 17 CORP20095CORP-04/20/20- CTE 18 NC20017NCP · 10/06/20- KBA 19 NC20017NCP · 10/06/20- KBA 10 NC20017NCP · 10/06/20- KBA 10 NC20017NCP · 10/06/20- KBA 10 NC20017NCP · 02/06/20- KBA 10 NC20017NCP · 01/06/20- KBA 10 NC20017NCP · 01/07/20- KBA 10 NC200105NCP · 01/07/20- KBA
	E. E. TO BASIC ELEVATIONS FOR INFORMATION NOT	14 NC20008NCP · 02/10/20- CL 15 DIVISION REVISION 16 NC20013NCP · 02/00/20- MCP 16 NC20013NCP · 02/00/20- KBA 17 HOME OFFICE 18 ADD NOTE TO TF 19 NC20013NCP · 02/00/20- KBA 19 NC20013NCP · 02/00/20- KBA 19 NC20013NCP · 02/00/20- KBA 19 NC2001NCP · 02/00/20- KBA 10 NC2001NCP · 02/00/20- KBA 200 NC2002NCP · 02/00/20- KBA 210
	E. TR TO BASIC ELEVATIONS FOR INFORMATION NOT WIN HERE	14 NC20008NCP · 0.117/20- CL 15 DIVISION REVISION 16 NC20018CP · 0.2010/20- MCP 16 NC20018CP · 0.2010/20- KBA 17 CORE DUPICE 18 NC200050CP · 0.4020- CEA 19 NC210050CP · 0.106/20 · EBA 19 NC210050CP · 0.106/20 · EBA 19 NC210050CP · 0.106/20 · EBA 10 NC210050CP · 0.106/20 · EBA 11 NC210050CP · 0.106/20 · EBA 120 NC210050CP · 0.106/20 · EBA 120 NC210050CP · 0.106/20 · EBA 120 NC210050CP · 12017/21 · CTD 11 NC20050CP · 12017/21 · CTD 120 NC210500CP · 12017/21 · CTD 121 Ab D D DECC OFTON NC200580CP · 12017/21 · CTD SHEET: 3.B5 SPEC. LEVEL 1
	EL ER TO BASIC ELEVATIONS FOR INFORMATION NOT WIN HERE	14 NC20008NCP · 02/10/20- CL 15 DIVISION REVISION 16 NC20019NCP · 02/00/20- MCP 16 NC20017NCP · 02/00/20- KBA 17 CORP20095CORP-04/20/20- CTE 18 NC20017NCP · 10/06/20- KBA 19 NC20017NCP · 10/06/20- KBA 10 NC20017NCP · 10/06/20- KBA 10 NC20017NCP · 10/06/20- KBA 10 NC20017NCP · 02/06/20- KBA 10 NC20017NCP · 01/06/20- KBA 10 NC20017NCP · 01/07/20- KBA 10 NC200105NCP · 01/07/20- KBA
NOT	E:	14 NC20008NCP · 0210720- CL 15 DIVISION REVISION 16 NC20019NCP · 0210720- MCP 16 NC20017NCP · 0240420- KBA 17 HOME OFFICE 18 ADD NOTE TO TF 19 NC20017NCP · 0240420- KBA 19 NC20017NCP · 0240420- KBA 19 NC20017NCP · 0240620- KBA 10 NC20017NCP · 0240620- KBA 200 NC20017NCP · 0240620- KBA 201 NC20017NCP · 0240620- KBA 21 NC20017NCP · 024070- KBA 21 NC20017NCP · 024070- KBA 22 SB2
NOT		14 NC20008NCP · 0.117/20- CL 15 DIVISION REVISION 16 NC20018CP · 0.2010/20- MCP 16 NC20018CP · 0.2010/20- KBA 17 CORE DUPICE 18 NC200050CP · 0.4020- CEA 19 NC210050CP · 0.106/20 · EBA 19 NC210050CP · 0.106/20 · EBA 19 NC210050CP · 0.106/20 · EBA 10 NC210050CP · 0.106/20 · EBA 11 NC210050CP · 0.106/20 · EBA 120 NC210050CP · 0.106/20 · EBA 120 NC210050CP · 0.106/20 · EBA 120 NC210050CP · 12017/21 · CTD 11 NC20050CP · 12017/21 · CTD 120 NC210500CP · 12017/21 · CTD 121 Ab D D DECC OFTON NC200580CP · 12017/21 · CTD SHEET: 3.B5 SPEC. LEVEL 1



PARTIAL RIGHT ELEVATION 'B' <u>AT OPTIONAL PORCH W/ CRAWL SPACE</u> SCALE 1/4"=1"-O" (22"X94") - 1/0"=1"-O" (11"X1T") FRONT ELEVATION 'B' AT OPTIONAL PORCH W/ CRAWL SPACE SCALE 1/4"=1-0" (22"X84") - 1/8"=1-0" (11"X17")



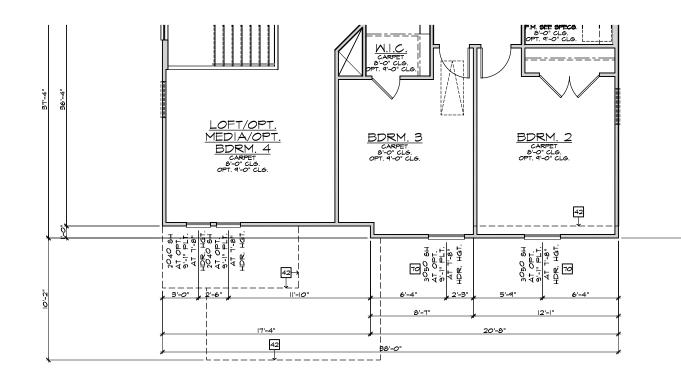


13 4" TYP.

#	ELEVATION NOTES
NOT	E: NOT ALL KEY NOTES APPLY.
Ι.	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
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
۹.	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.	EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
6.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	ROWLOCK COURSE
23.	FRIEZE BOARD
24.	FIBER-CEMENT SIDING PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	P.T. LUMBER RAILINGS (+36" U.N.O.)
29.	FIBER-CEMENT SMOOTH BOARD SEE SPECS
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
31.	BRACKET OR KICKER - FYPHON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE
	9'-1" PLATE OPTION

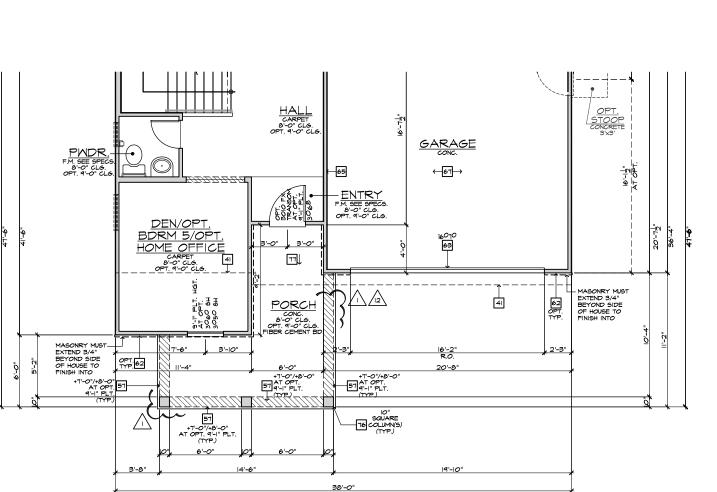
NOTE: WINDOW SIZES WILL INCREASE BY I' AT 9'-1" PLATE OPTIONS HEADER HEIGHTS FOR ALL WINDOWS WILL BE 7'-8" AT 9'-1" PLATE OPTIONS.

. . . . KD HOME Harnet MASTER SET 01/21/2022 . . NORTH CAROLINA 40' SERIES KB HOME NORTH CAROLINA DIVISION 4506 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703 ■ TEL: (919) 768-7980 FAX: (919) 544-2928 2018 NORTH CAROLINA STATE BUILDING CODES ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 🏾 DIVISION REVISIONS NC19057NCP · 09/26/19 · DCS DIVISION REVISIONS NC20003NCP + 12/12/19 + CL " /B NC20008NCP · 01/17/20- CL DIVISION REVISION NC20013NCP - 02/10/20- MC DIVISION REVISION NC20017NCP · 03/04/20 ∕16 HOME OFFICE CORP20003CORP-08/20/20-C ADD NOTE TO TS' NC20037NCP - 10/06/20 - KBA DIVISION REQ. REVISION NC21005NCP - 01/06/21 - KBA 20 DIVISION REO. REVISION NC21032NCP · 05/19/21 · KBA ADD DECK OPTION NC21056NCP - 12/17/21 - CTD <u>/21</u> PLAN: 238.2338-R SHEET: 3.**B**7 SPEC. LEVEL 1 8 8 raleigh-durham 40' SERIES





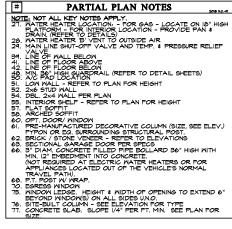




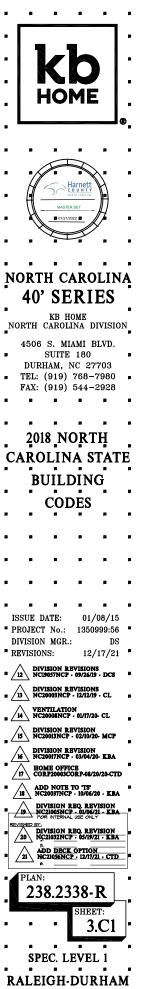
PARTIAL FIRST FLOOR PLAN 'C'

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

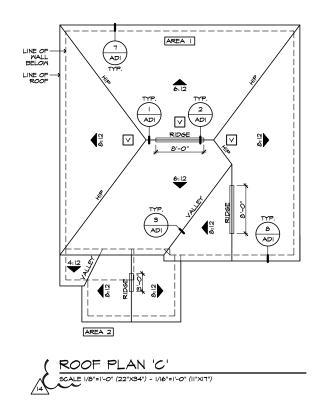
BASIC PLAN



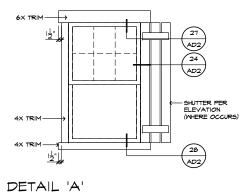
1-4"



40' SERIES

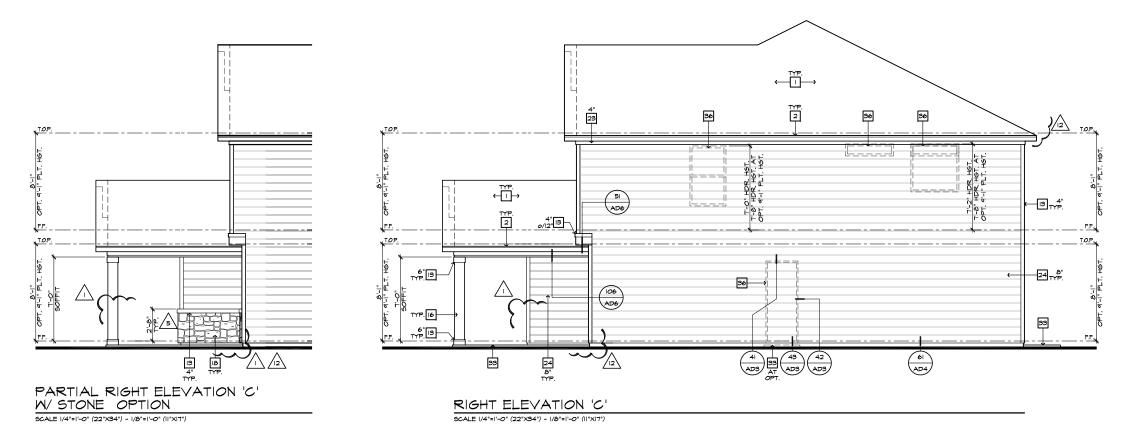


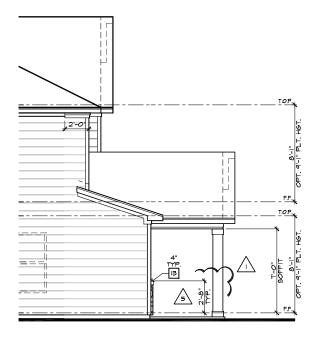


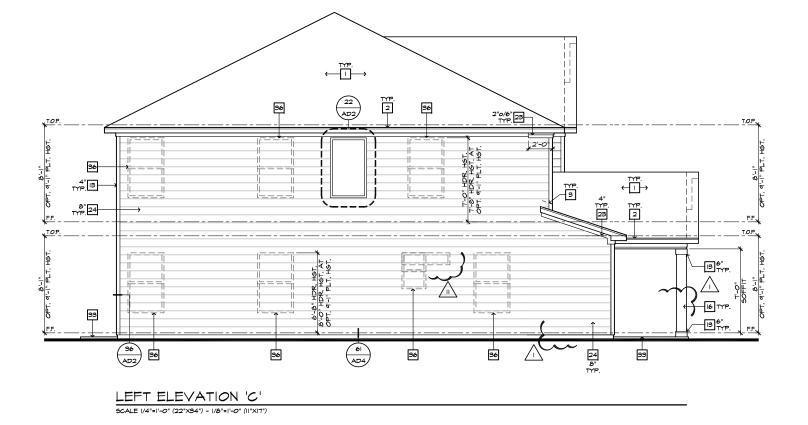


SCALE: N.T.S.

<u> </u>		
#	ELEVATION NOTES	
1.	ROOF MATERIAL - REFER TO ROOF NOTES	
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP	
3. 4.	G.I. FLASHING G.I. FLASHING & SADDLE/CRICKET	
5.	G.I. DRIP SCREED	
6.	24"x24" CHIMNEY	
	DECORATIVE VENT DECORATIVE CORBEL	
٩.	DECORATIVE SHUTTERS	
	PEDIMENT. SEE ELEVATION FOR TYPE	
12	RECESSED ELEMENT DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	• •
	TRIM PER SPEC- SEE ELEVATION FOR SIZE	
	EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)	
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.	
	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	Harnett
	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS STONE VENEER PER SPECS	
	BRICK/MASONRY VENEER PER SPECS	MASTER SET
20	BUILT UP BRICK COLUMN	
	SOLDIER COURSE	
	ROWLOCK COURSE	
	FRIEZE BOARD FIBER-CEMENT SIDING PER SPECS	
	P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE	
26.	PRE-FAB DECORATIVE TRIM	NORTH CAROLINA
	LIGHT WEIGHT PRECAST STONE TRIM P.T. LUMBER RAILINGS (+36" U.N.O.)	
	P.T. LUMBER RAILINGS (+36" U.N.O.) FIBER-CEMENT SMOOTH BOARD SEE SPECS	40' SERIES
	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE	P NONE
ЭI.	ELEVATION FOR SIZE. BRACKET OR KICKER - FYPHON OR EQ.	KB HOME NORTH CAROLINA DIVISION
32.	ENTRY DOOR	р р
	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4506 S. MIAMI BLVD.
	SECTIONAL GARAGE DOOR PER SPECS ALUMINUM WRAP	SUITE 180
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703
	OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7980 ■ FAX: (919) 544-2928
	KEYSTONE SOLDIER CROWN	
40.	JACK SOLDIER COURSE	
	WATER TABLE	
	ATRIUM DOOR PILASTER - SEE ELEVATION FOR TYPE	
	ROOF PLAN NOTES 'C'	2018 NORTH
		CAROLINA STATE
	6:12 INDICATES ROOF SLOPE	
		BUILDING
	F MATERIAL, COMPOSITION SHINGLE (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O.	
		00000
	(INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O.	CODES
		CODES
	ATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND SE EXCEPT ABOVE SHEARWALL PANELS.	CODES
LOC HOU	ATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND SE EXCEPT ABOVE SHEARWALL PANELS. ATTIC VENT CALCULATIONS	CODES
LOC HOU PRC	ATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND SE EXCEPT ABOVE SHEARWALL PANELS. ATTIC VENT CALCULATIONS VIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC CE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF	
PRC SPA THE LOC	ATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND SE EXCEPT ABOVE SHEARWALL PANELS. ATTIC VENT CALCULATIONS WIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC CE. PROVIDE THAT AT LEAST 50% 4 NO MORE THAN 80% OF REO. VENTILATING AREA IS PROVIDED BY VENTILATORS ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)	
PRC SPA THE LOC	ATE EAVER RAFTER VENTS EQUALLY BALANCED AROUND SE EXCEPT ABOVE SHEARNALL PANELS. MIDE USE I SOLVE SHEARNALL PANELS. VIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC CE. PROVIDE THAT AT LEAST 50% 4 NO MORE THAN 80% OF REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 3° ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED	
PRC SPA THE LOC	ATE EAVER RAFTER VENTS EQUALLY BALANCED AROUND SE EXCEPT ADOVE SHEARNALL PANELS. MIDIE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC CE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF REQ. VENTILATION PER 50% & NO MORE THAN 80% OF ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 30° ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED EAVE VENTS, (LOW VENTING) (2016 N.CR 806.2) CALCULATION BY U/ISO. HIGHLOW VENTING NOT REQUIRED.	
PRO SPA SPA LOC SPA HE LOC SPA	ATE EAVER RAFTER VENTS EQUALLY BALANCED AROUND SE EXCEPT ABOVE SHEARNALL PANELS. MIDE I S.Q. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC CE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF REO. VENTILATING AREA IS PROVIDED BY VENTILATORS ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 3° ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED SAVE VENTS, (LOW VENTING) (2010 N.CR 506.2) CALCULATION BY I/JSO. HIGHLOW VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	
PRO SPA THE LOC AT BY BY AREA	ATE EAVER RAFTER VENTS EQUALLY BALANCED AROUND SE EXCEPT ABOVE SHEARNALL PANELS. MIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC CE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF REQ. VENTILATION PER 15 PROVIDED BY VENTING) 30° ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED SAVE VENTS, (LOW VENTING) (2016 NCR 80% 21) CALCULATION BY UISO HIGHLON VENTING NO TREQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. 1/ MAIN.	
PRO SPA THE LOC SPA THE BY I BY I AREA	ATE EAVER RAFTER VENTS EQUALLY BALANCED AROUND SE EXCEPT ABOVE SHEARNALL PANELS. MIDIE I SQ. IN. OF VENTLATION PER 300 SQ. IN. OF ATTIC CE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF REG. VENTLATION PER 300 SQ. IN. OF ATTIC CE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF REG. VENTLATION SPERDED BY VENTLATORS ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 30° ABOVE EAVE VENT UNIT THE BALANCE BEING PROVIDED SAVE VENTS, (LOW VENTING) (2016 N.CR 806.2) CALCULATION BY U.NS, HIGHLOW VENTING NOT REGUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETEMINED IN THE FIELD. 17 MIN. ATION REQUIRED. AREA = 1401 SQ. FT. / 300 467 50. FT.	ISSUE DATE: 01/08/15
PRO SPA THE LOC SPA THE BY I BY I AREA	ATE EAVER RAFTER VENTS EQUALLY BALANCED AROUND SE EXCEPT ABOVE SHEARNALL PANELS. MIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC CE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF REQ. VENTILATION PER 10 PROVIDED BY VENTILATORS ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 30° ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED EAVE VENTS, (LOW VENTING) (2016 N.CR 806.2) CALCULATION BTO INTO, HIGH VICTORS NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. 1 / MAIN. ATEON REQUIRED. AREA = 1401 SQ. FT. / 300 467 50. FT. X 144 = 672 50. IN.	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56
PRO SPA THE LOC:: T BY AREA ATTIC	ATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND SE EXCEPT ADOVE SHEARNALL PANELS. WIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC CE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF REQ. VENTILATION PER 300 SQ. IN. OF ATTIC ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 30° ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED SAVE VENTS, (LOW VENTING) (2016 NCR 806.2) CALCULATION BY //ISO, HIGH-LOW VENTING NO TREQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN, ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. 1/ MAIN. ATION REQUIRED, AREA = 1401 SQ. FT. / 300 461 SQ. FT. X 144 = 612 SQ. IN. TOTAL HIGH & LOW = 672 SQ. IN. SQ. 672 SQ. IN.	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS
PROATIC PROATING ATTIC	ATE EAVER RAFTER VENTS EQUALLY BALANCED ARQUND SE EXCEPT ABOVE SHEARNALL PANELS. MIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC CE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF RG. VENTILATION FRE 30% & NO MORE THAN 80% OF RG. VENTILATION SAFEN IS PROVIDED BY VENTILATORS ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 30° ABOVE EAVE VENT UNIT THE BLANCE BEING PROVIDED SAVE VENTS, (LOW VENTING) (2010 N.CR 806.2) CALCULATION BY IJSD, HIGHLOW VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. 17 MAIN. ATCON REQUIRED. AREA = 1401 SQ. FT. / 300 467 SQ. IN TOTAL HIGH & LOW = 672 SQ. IN.	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21
LOCU HOW PRCASPA SPA THE LOC SPA THE LOC SPA THE LOC SPA THE LOC SPA THE LOC SPA THE LOC SPA THE LOC SPA THE CONTRACTOR SPA THE SPA SPA SPA SPA SPA SPA SPA SPA SPA SPA	ATE EAVER RAFTER VENTS EQUALLY BALANCED ARQUND SE EXCEPT ABOVE SHEARNALL PANELS. MIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC CE. FROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF REG. VENTILATION FOR SAUGHT OF THE ATTIC, (HIGH VENTING) 20' ABOVE EAVE VENT VINIT THE BALANCE BEINS FROVIDED 20' ABOVE EAVE VENT VINIT THE BALANCE BEINS FROVIDED 20' ABOVE EAVE VENT VINIT THE BALANCE BEINS FROVIDED 20' ABOVE EAVE VENT VINIT THE BALANCE BEINS ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 20' ABOVE EAVE VENT VINIT THE BALANCE BEINS FROVIDED 20' ABOVE EAVE VENT VINIT THE BALANCE BEINS 20' ABOVE BAVE VENT VINIT ME BALANCE BEINS 20' ABOVE BAVE VENT VINIT THE BALANCE BEINS 20' ABOVE BAVE VENT DO THE ATTIC, HIGH VENTING) 20' ABOVE BAVE VENT DE DETERMINED IN THE FIELD. 17 MAIN. ATEON REQUIRED. ATEON REQUIRED. ATEON FROVIDED. LF RIDGE VENTS) AT 16 SQ. IN. / LF. = 286 SQ. IN.	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 A DIVISION REVISIONS
LOCUS PSPAEC LOCUS PSPAEC LOCUS B* AREA ATTIC VEIGH Ide 3	ATE EAVER RAFTER VENTS EQUALLY BALANCED ARQUND SE EXCEPT ABOVE SHEARNALL PANELS. MITIC VENT CALCULATIONS WIDE I SQ. IN. OF VENTLATION PER 300 SQ. IN. OF ATTIC CE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF REG. VENTLATION PER 300 SQ. IN. OF ATTIC 10° ABOVE EAVE VENT IS PROVIDED BY VENTLATORS ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 30° ABOVE EAVE VENT WITH THE BALANCE BEINS PROVIDED SAVE VENTS, (LOW VENTING) (2016 N.CR 806.2) CALCULATION BY U/JSO, HIGHLOW VENTING NOT REGUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETEMINED IN THE FIELD. 17 MAIN. ATION REQUIRED. AREA = 1401 SQ. FT. / 300 461 SQ. FT. X 144 = 612 SQ. IN. TOTAL HIGH LOOM = 612 SQ. IN. X 50% = 336 SQ. IN. ATION PROVIDED.	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 MC9657NCP - 69/26/19 - DCS
LOCUS PRCA SPHC LOCT SPHC LOCT BP* AREA AREA SPHC SPHC SPHC SPHC SPHC SPHC SPHC SPHC	ATE EAVER RAFTER VENTS EQUALLY BALANCED ARQUND SE EXCEPT ABOVE SHEARNALL PANELS. MITIC VENT CALCULATIONS WIDE I S.Q. IN. OF VENTILATION FER 300 S.Q. IN. OF ATTIC CE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF REG. VENTIATING AREA IS PROVIDED BY VENTILATORS ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 30° ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED SAVE VENTS, (LOH VENTING) (2016 N.CR 806.2) CALCULATION BY 1/30, HIGH-LOH VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. 1/ MAIN. ATEON REQUIRED. ATEON REQUIRED. ATEON REQUIRED. ATEON REQUIRED. ATEON REQUIRED. ATEON REQUIRED. ATEON REQUIRED. LF RIDGE VENT(S) AT 10 S.Q. IN. / LF. = 220 S.Q. IN. ROOF VENT(S) AT 50 S.Q. IN. LF. = 150 S.Q. IN. TOTAL HIGH VENTILATION.	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 A DIVISION REVISIONS
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LOCUS PRCATCHECONSTRUCT SPACE ATTIC ATTIC ATTIC SUBA SUBA SO SUBA	ATE EAVE/ RAFTER VENTS EQUALLY BALANCED ARQUND SE EXCEPT ABOVE SHEARNALL PANELS. TOTAL HIGH VENTILATION PER 300 50. IN. OF ATTIC CE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF REG. VENTILATION FOR 300 50. IN. OF ATTIC CE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF REG. VENTILATION SHEAR 10 PROVIDED BY VENTILATORS ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 30° ABOVE EAVE VENT UTIT THE BALANCE BEING PROVIDED SAVE VENTS, (LOW VENTING) (2016 N.CR 806.2) CALCULATION BY IJSD, HIGHLOW VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. 17 MAIN. ATON REQUIRED. AREA = 1401 SO. FT. / 300 467 50. IN. 16 RODORE VENTIS) AT 18 50. IN. /LF. = 17 RIDGE VENTIS) AT 18 50. IN. /LF. = 18 500. IN. LF VENTLATION. 16 VENTLATION. 16 50. IN. EA. = 16 500. IN. EA. = 16 500. IN. VENTLATION. 16 500. IN. VENTLATION. 17 ADS 500. IN. VENTLATION. 16 VENTLATION. 17 ADS 500. IN. VENTLATION. 17 ADS 500. IN. VENTLATION. 18 500. IN. VENTLATION. 18 500. IN. VENTLATION. 19 500. IN. VENTLATION. 10 500. IN	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 DIVISION REVISIONS MC20009NCP - 12/12/19 . CL
LOCUS PRCAATICATY AREA BY AREA ATTICATY AREA ATTICATY BY AREA ATTICATY BY BY BY BY BY BY BY BY BY BY BY BY BY	ATE EAVER RAFTER VENTS EQUALLY BALANCED ARQUND SE EXCEPT ABOVE SHEARNALL PANELS. MIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC CE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF REG. VENTIATIONS AREA IN PROVIDED BY VENTILATORS ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 30° ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED AVE VENTS, (LOH VENTING) (2016 N.C.R. 806.2) CALCULATION FOR DE DETERMINED IN THE FIELD. 17 MAIN. ATTON REQUIRED, ATED REQUIRED, ATED REQUIRED, ATEN REQUIRED, ATEN REQUIRED, LF RIDGE VENT(S) AT 10 SQ. IN. / LF. = 220 SQ. IN. ROOF VENT(S) AT 50 SQ. IN. / LF. = 240 SQ. IN. LF RIDGE VENT(S) AT 50 SQ. IN. / LF. = 240 SQ. IN. LF VENTILATION.	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 DIVISION REVISIONS MC20000NCP - 03/26/19 - CL VENTILATION AVENTILATION DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISION
LOCUS PRCA TYTE B* AREA TO CATY B* AREA TO CATY A AREA TO CATY A AREA TO CATY AREA TO CATY AREA TO CATY AREA TO CATY A AREA TO CATY A AREA TO CATY A AREA TO CATY A AREA TO CATY A AREA TO CATY A AREA TO CATY A A AREA TO CATY A A A A AREA TO CATY A A A A A A A A A A A A A A A A A A	ATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND SE EXCEPT ADOVE SHEARNALL PANELS. MITIC VENTLATION PER 300 50. IN. OF ATTIC CE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF REG. VENTLATION PER 300 50. IN. OF ATTIC 10. THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 30° ABOVE EAVE VENT UTIT THE BALANCE BEING PROVIDED SAVE VENTS, (LOW VENTING) (2016 N.CR 8062.) CALCULATION BY 1/30, HIGHLOW VENTING NOT REQUIRED. ACTUAL LOCATIONS TO BE DETEMINED IN THE FIELD. 17 MAIN: ATTON REQUIRED. AREA 1401 S0. FT. / 300 467 50. FT. X 144 = 672 50. IN. ATTON REQUIRED. ATTON REQUIRED. ATTON PROVIDED. LF RIDGE VENTS) AT 18 50. IN. / LF. = 288 50. IN. COTAL LIGH VENTIGAT 50 50. IN. FA. = 150 50. IN. COTAL HIGH VENTIGAT 50 50. IN. FA. = 160 50. IN. COTAL LIGH VENTIGAT 50 50. IN. FA. = 160 50. IN. COTAL LIGH VENTIGAT 50 50. IN. FA. = 160 50. IN. COTAL LIGH VENTIGAT 50 50. IN. FA. = 160 50. IN. COTAL LIGH VENTIGAT 50 50. IN. FA. = 160 50. IN. COTAL LIGH VENTIGAT 50 50. IN. FA. = 160 50. IN. COTAL LIGH VENTIGAT 50 50. IN. FA. = 160 50. IN. COTAL LIGH VENTIGAT 50 50. IN. FA. = 160 50. IN. COTAL LIGH VENTIGAT 50 50. IN. FA. = 100 50. IN. COTAL LIGH VENTIGATON. 2 / PORCH. ATTON REQUIRED.	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 DIVISION REVISIONS MC20000NCF - 02/26/9 - CL VENTILATION MC20000NCF - 02/10/20 - CL DIVISION REVISION DIVISION REVISION DIVISION REVISION DIVISION REVISION MC20000NCF - 02/10/20 - MCP
LOCUS PRCA TYTE B* AREA TO CATY B* AREA TO CATY A AREA TO CATY A AREA TO CATY AREA TO CATY AREA TO CATY AREA TO CATY A AREA TO CATY A AREA TO CATY A AREA TO CATY A AREA TO CATY A AREA TO CATY A AREA TO CATY A A AREA TO CATY A A A A AREA TO CATY A A A A A A A A A A A A A A A A A A	ATE EAVER RAFTER VENTS EQUALLY BALANCED ARQUND SE EXCEPT ABOVE SHEARNALL PANELS. MIDE I SQ. IN. OF VENTILATION FER 300 SQ. IN. OF ATTIC CZ. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF REG. VENTILATION SHEARS IN PROVIDE DF VENTILATORS ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 30° ABOVE EAVE VENT UNIT THE BALANCE BEINS PROVIDED AVE VENTS, (LOW VENTING) (2016 N.CR 8062.) CALCULATION SF 1076. HIGH-LOW VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. 17 MAIN. ATTON REQUIRED. AREA = 1401 SQ. FT. / 300 467 SQ. IN. X I 444 = 672 SQ. IN. X SOR = 336 SQ. IN. X SOR = 336 SQ. IN. LF RIDGE VENT(S) AT 16 SQ. IN. / LF. = 286 SQ. IN. ROOF VENT(S) AT 50 SQ. IN. EA. = 150 SQ. IN. IF VENTILATION 50 SQ. IN. / LF. = 400 SQ. IN. TOTAL HIGH VENTILATION. X OS SQ. IN. / LF. = 400 SQ. IN. X OS SQ. IN. / LF. = 400 SQ. IN. X OS SQ. IN. / LF. = 400 SQ. IN. X OS SQ. IN. LF VENTILATION 50 SQ. IN. / LF. = 400 SQ. IN. X OS SQ. IN. X OS SQ. IN. X OS SQ. IN. X OS SQ. IN. / LF. = 400 SQ. IN. X OS SQ. IN.	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 DIVISION REVISIONS MC20000NCP - 03/26/19 - CL VENTILATION AVENTILATION DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISION
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LOCU PRCATE CATE A PRCATE CATE A PRCATE	ATE EAVE/ RAFTER VENTS EQUALLY BALANCED ARQUND SE EXCEPT ABOVE SHEARNALL PANELS. ATTIC VENT CALCULATIONS WIDE I SQ. IN. OF VENTLATION PER 300 SQ. IN. OF ATTIC CE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF REQ. VENTLATIONS BE PROVIDED BY VENTLATORS ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 30° ABOVE EAVE VENT WITH THE BLANCE BEING PROVIDED SAVE VENTS, (LOW VENTING) (2016 N.CR 806.2) CALCULATION BY IJSD, HIGH-LOW VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. 1/ MAIN. ATION REQUIRED. AREA = 1401 SQ. FT. / 300 LF RIDGE VENT(S) AT 16 SQ. IN. /LF. = 286 SQ. IN. LF RIDGE VENT(S) AT 16 SQ. IN. /LF. = 286 SQ. IN. LF VENTLATION. LF VENTLATION. LF VENTLATION. SQ. IN. /LF. = 400 SQ. IN. 2 / PORCH. ATION REQUIRED. ATION REQUIRED. AREA = 160 SQ. FT. / 150 1.20 SQ. FT. X 144 = 113 SQ. IN.	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 DIVISION REVISIONS MC9657NCF · 69726/19 · DCS DIVISION REVISIONS DIVISION REVISIONS MC9657NCF · 00/17/20 · CL MC96050NCF · 00/17/20 · CL DIVISION REVISION MC2000INCF · 00/17/20 · CL DIVISION REVISION MC2000INCF · 00/17/20 · CL DIVISION REVISION MC2000INCF · 00/17/20 · CL MC2000INCF · 00/17/20 · CL
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PARTIAL LEFT ELEVATION 'C' W/ STONE OPTION SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

KÖ

Harnet

01/21/2022

SUITE 180

8 8

CAROLINA STATE

BUILDING

CODES

" PROJECT No.: 1350999:56 "

DIVISION REVISIONS NCI9057NCP - 09/26/19 - DCS B 13 DIVISION REVISIONS NC20003NCP · 12/12/19 · CL

WENTILATION NC20008NCP - 01/17/20- CL

DIVISION REVISION NC20013NCP - 02/10/20- MC

HOME OFFICE CORP20003CORP-08/20/20-

DIVISION REQ. REVISION NC21005NCP - 01/06/21 - KB/

DIVISION REVISION NC20017NCP · 03/04/20- KB

ADD NOTE TO TS' NC20037NCP - 10/06/20 - KBA

20 DIVISION REO. REVISION NC21032NCP - 05/19/21 - EBA

238.2338-R

SPEC. LEVEL 1 RALEIGH-DURHAM

40' SERIES

ADD DECK OPTION NC21056NCP - 12/17/21 - CTD

SHEET:

3.C3

ISSUE DATE:

DIVISION MGR.:

REVISIONS:

∕16

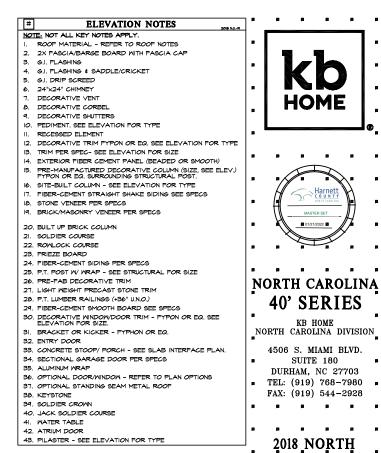
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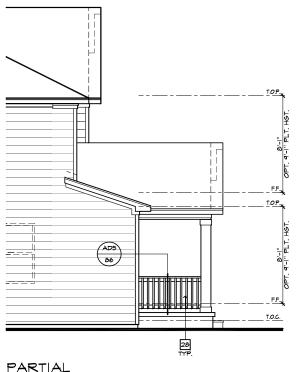
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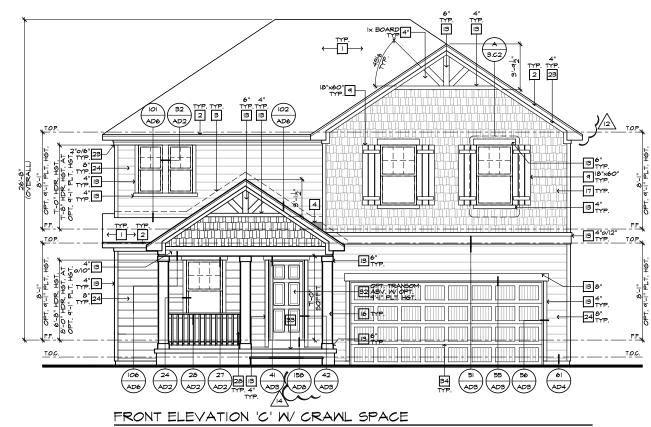
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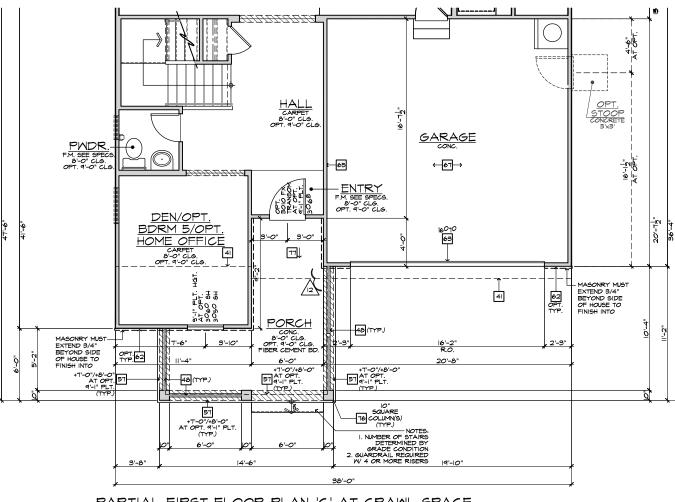




PARTIAL LEFT ELEVATION 'C' AT CRAWL SPACE scale 1/4*=1'-0" (12*X34*) - 1/8*=1'-0" (11*X1*)

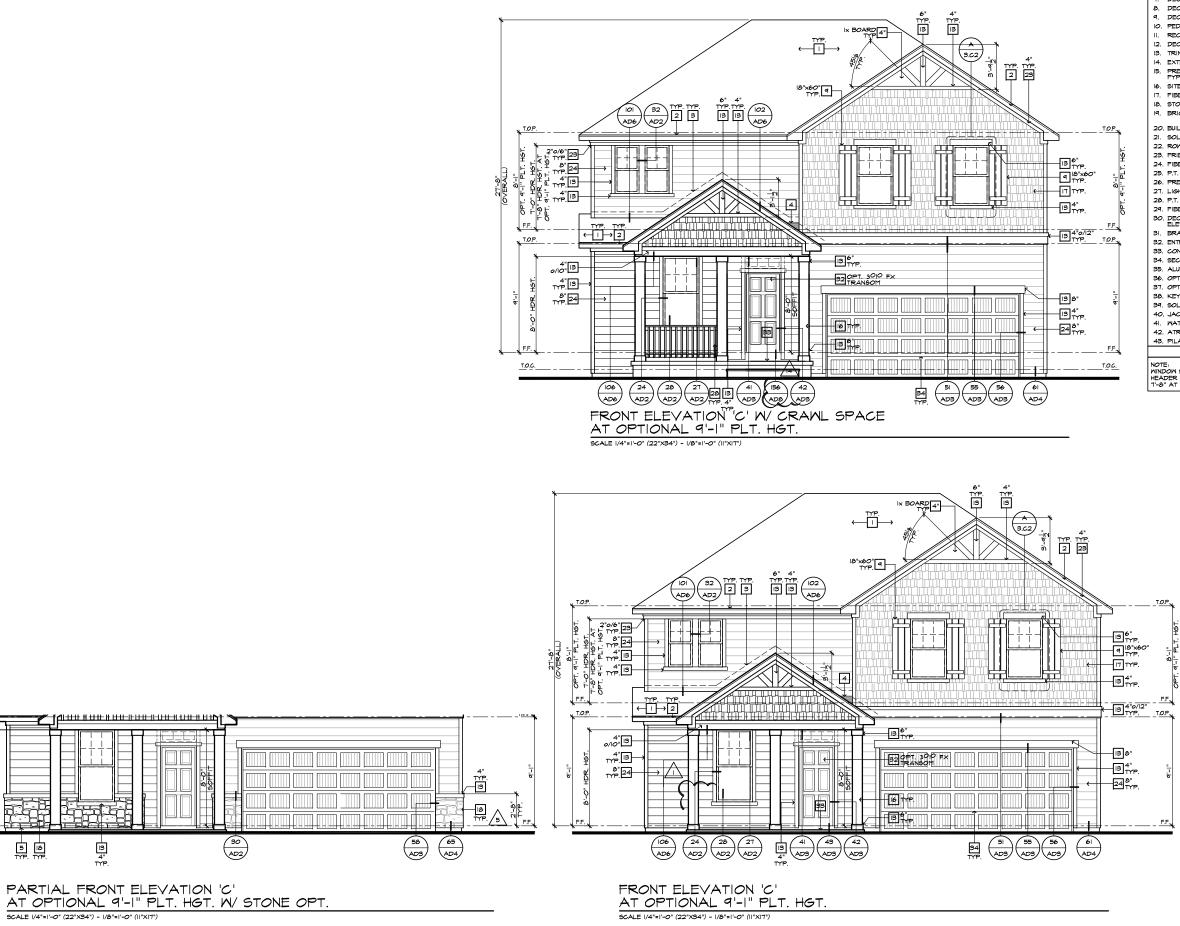






PARTIAL FIRST FLOOR PLAN 'C' AT CRAWL SPACE SCALE 1/4*=1'-0' (22'X34') - 1/8*=1'-0'' (11"X1T')

		ELEVATION NOTES] · · · · ·
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			I HOME I
	9.	DECORATIVE SHUTTERS	
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		FYPON OR EQ. SURROUNDING STRUCTURAL POST.	
	6.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	
	19.	BRICK/MASONRY VENEER PER SPECS	MASTER SET
	20.	BUILT UP BRICK COLUMN	
	22.	ROWLOCK COURSE	
			1
			NORTH CAROLIN
			P
			\parallel 40' SERIES
	λ.	ELEVATION FOR SIZE.	KB HOME
B3 CONCRETE STOOM PORCH - SEE STOOM PORCH - SEE STOOM SECTIONAL GRANDE DOOR METAL ROOT S3. AUMINIM MAAP S0. OPTIONAL DOOR MILEON - REFER TO PLAN OPTIONS S1. OPTIONAL STANDING SEAM METAL ROOT S3. AUMINIM MAAP S0. ACK SOLDER CORREE 4. MATER TABLE 2. ATKIND POR 4. PILLASTER - SEE ELEVATION FOR TYPE TO ANTIC ALL EXTRACTS APRIL MATER HAREE 2. ATKIND POR 4. PILLASTER - SEE ELEVATION FOR TYPE TO ANTIC ALL PER DOAL 2. ATKIND POR 4. PILLASTER - SEE ELEVATION FOR TYPE 2. MARCH ALL PER DOAL 2. ATKIND POR 4. PILLASTER - SEE ELEVATION FOR TYPE 2. MARCH ALL PER DOAL 2. ATKIND POR 4. PILLASTER - SEE ELEVATION FOR TYPE 2. MARCH ALL PER DOAL 3. MARCH SHUTCHTY VALUE AND THEY & FRESOURE RELIEF 3. CODES 3. DOALL - REFER TO PLAN FOR HEIGHT 5. ACCHD STROOM DECORATIVE COLUMN (SEE SEE ELEVA) 5. DORE VALUE - REFER TO PLAN FOR HEIGHT 5. ACCHD STROOM DECORATIVE COLUMN (SEE SEE ELEVA) 5. DORE VALUE - REFER TO PLAN FOR HEIGHT 5. ACCHD STROOM DECORATIVE COLUMN (SEE SEE ELEVA) 5. DORE VALUE - REFER TO PLAN FOR THEIGHT 5. ACCHD STROOM DECORATIVE COLUMN (SEE SEE ELEVA) 5. DORE VALUE - REFER TO PLAN FOR THEIGHT 5. ACCHD STROOM DECORATIVE COLUMN (SEE SEE ELEVA) 5. DORE OF HEICH ALL PER PLAN 5. DORE OF THE ALL PLAN FOR HEIGHT 5. ACCHD STROOM DECORATIVE COLUMN (SEE PLAN FOR 5. DORE OF THE ALL PLAN FOR THE BELLEY OF THE ALL PLAN FOR THE BELLEY OF THE ALL PLAN FOR THE BELLEY OF THE ALL PLAN FOR THE ALL PLA			NORTH CAROLINA DIVISIO
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CT	43.	PILASTER - SEE ELEVATION FOR TYPE	2018 NORTH
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57. FLAT SOFFIFT 50. APPED SOFT (NINDOW) 61. PEE-MANFACTMEED DECORATIVE COLUMN (SIZE, SEE ELEV) 62. BELCK / STORE VENEER - REFER TO ELEVATIONS 56. SECTIONAL GARAGE DOROF PRE SECRED 30° HIGH WITH INOT RESURPT AT ELEVATIONS 10. TEREST INDOM 57. FLAT 58. SECTIONAL GARAGE DOROF PRE SECRED 30° HIGH WITH INOT RESURPT AT ELEVATIONS 10. TEREST INDOM 58. SECTIONAL GARAGE DATE OUT OF THE VEHICLES NORMAL REVISION PATHORS, ON ALL SIDES UNO. 10. SITE-BAIL COLUMN S. SLOPE I/4 PER FT. MIN. SEE PLAN FOR 59. TEREST INDOM 59. TEREST COLUMN S. SLOPE I/4 PER FT. MIN. SEE PLAN FOR 59. TEREST COLUMN S. SLOPE I/4 PER FT. MIN. SEE PLAN FOR 59. TEREST COLUMN S. SLOPE I/4 PER FT. MIN. SEE PLAN FOR 50. TEREST COLUMN S. SLOPE I/4 PER FT. MIN. SEE PLAN FOR 50. TEREST COLUMN S. SLOPE I/4 PER FT. MIN. SEE PLAN FOR 50. TEREST COLUMN S. SLOPE I/4 PER FT. MIN. SEE PLAN FOR 50. TEREST COLUMN S. SLOPE I/4 PER FT. MIN. SEE PLAN FOR 50. TEREST COLUMN S. SLOPE I/4 PER FT. MIN. SEE PLAN FOR 50. TEREST COLUMN S. SLOPE I/4 PER FT. MIN. SEE PLAN FOR 50. TEREST TO BASIC ELEVATIONS SCIENCE: 20000 MCF. 50. TEREST SCIENCE: 20000 MCF. 50. TEREST SCIENCE: 20000 MCF. 50. TEREST SCIENCE: 20000 MCF. <t< td=""><td>54.</td><td>DBL. 2x4 WALL PER PLAN</td><td></td></t<>	54.	DBL. 2x4 WALL PER PLAN	
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Construction Construction	62.	BRICK / STONE VENEER - REFER TO ELEVATIONS	
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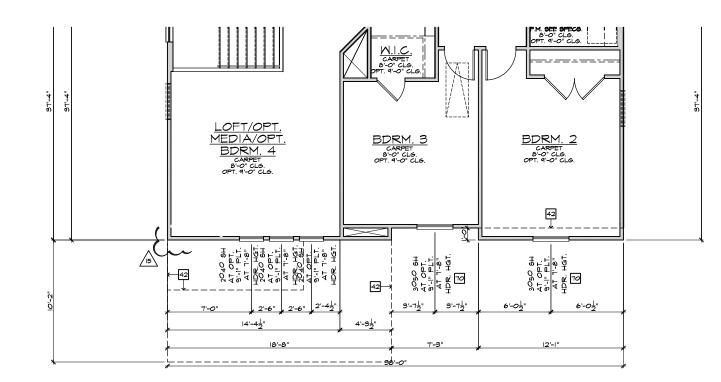
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17"

13 4" TYP.

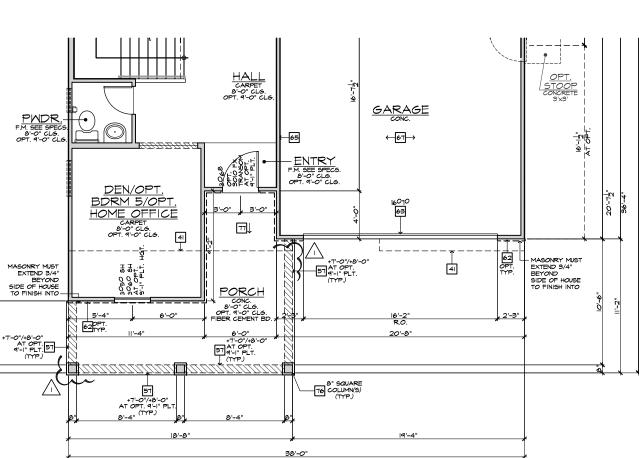
#	ELEVATION NOTES
NO	E: NOT ALL KEY NOTES APPLY.
١.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
З.	G.I. FLASHING
4.	G.I. FLASHING & SADDLE/CRICKET
5.	G.I. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
п.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM PER SPEC- SEE ELEVATION FOR SIZE
14.	EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
6.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	ROWLOCK COURSE
23.	FRIEZE BOARD
24.	FIBER-CEMENT SIDING PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	P.T. LUMBER RAILINGS (+36" U.N.O.)
29.	FIBER-CEMENT SMOOTH BOARD SEE SPECS
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
31.	BRACKET OR KICKER - FYPHON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
	SOLDIER CROWN
	JACK SOLDIER COURSE
41.	
42.	ATRIUM DOOR
	PILASTER - SEE ELEVATION FOR TYPE
	ያንበ" PLATE OPTION

NOTE: MINDOW SIZES WILL INCREASE BY I' AT 4'-1" PLATE OPTIONS HEADER HEIGHTS FOR ALL MINDOWS MILL BE 7'-8' AT 9'-1" PLATE OPTIONS.

KØ HOME Harnet MASTER SET 01/21/2022 NORTH CAROLINA 40' SERIES KB HOME NORTH CAROLINA DIVISION 4506 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703 TEL: (919) 768-7980 FAX: (919) 544-2928 8 8 2018 NORTH **CAROLINA STATE** BUILDING CODES ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS 12/17/21 📱 REVISIONS: DIVISION REVISIONS NCI9057NCP · 09/26/19 · DCS · /12 DIVISION REVISIONS NC20003NCP + 12/12/19 + CL " /13 VENTILATION NC20006NCP · 01/17/20- CL _____ DIVISION REVISION NC20013NCP - 02/10/20- MC DIVISION REVISION NC20017NCP · 03/04/20-∕16 HOME OFFICE CORP20003CORP-08/20/20-C ADD NOTE TO 'TS' NC20037NCP - 10/06/20 - KBA DIVISION REQ. REVISION NC21005NCP - 01/06/21 - KBA 20 DIVISION REQ. REVISION NC21032NCP 05/19/21 - EBA ADD DECK OPTION NC21056NCP - 12/17/21 - CTD <u>/21</u> PLAN 238.2338-R SHEET: 3.C5 SPEC. LEVEL 1 8 8 raleigh durham 40' SERIES



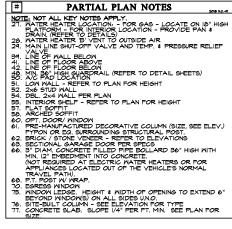
PARTIAL SECOND FLOOR PLAN 'D' SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7"

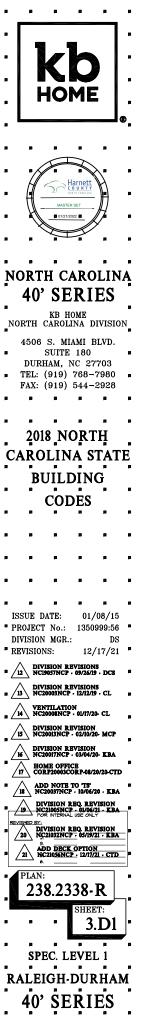


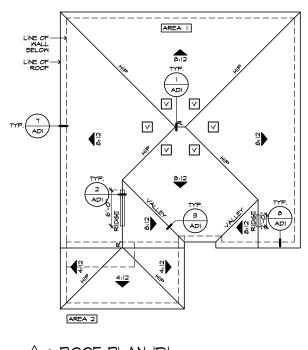
PARTIAL FIRST FLOOR PLAN 'D'

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

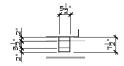
BASIC PLAN



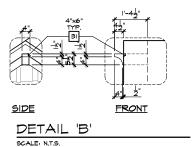


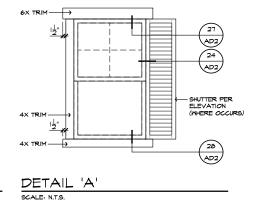


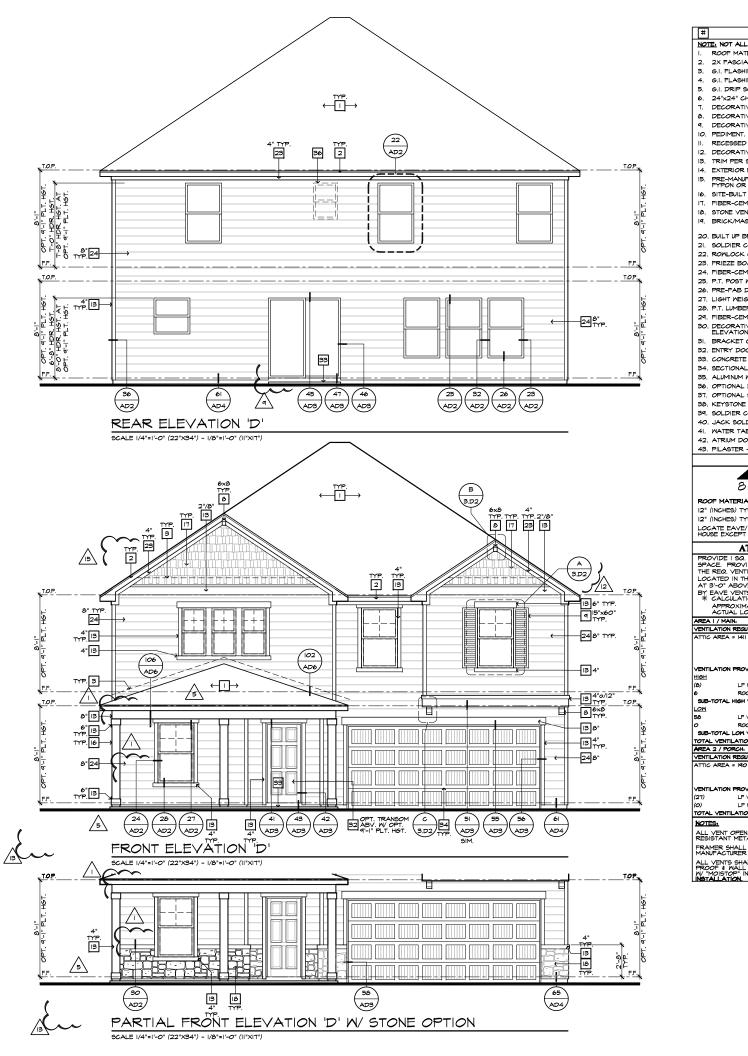




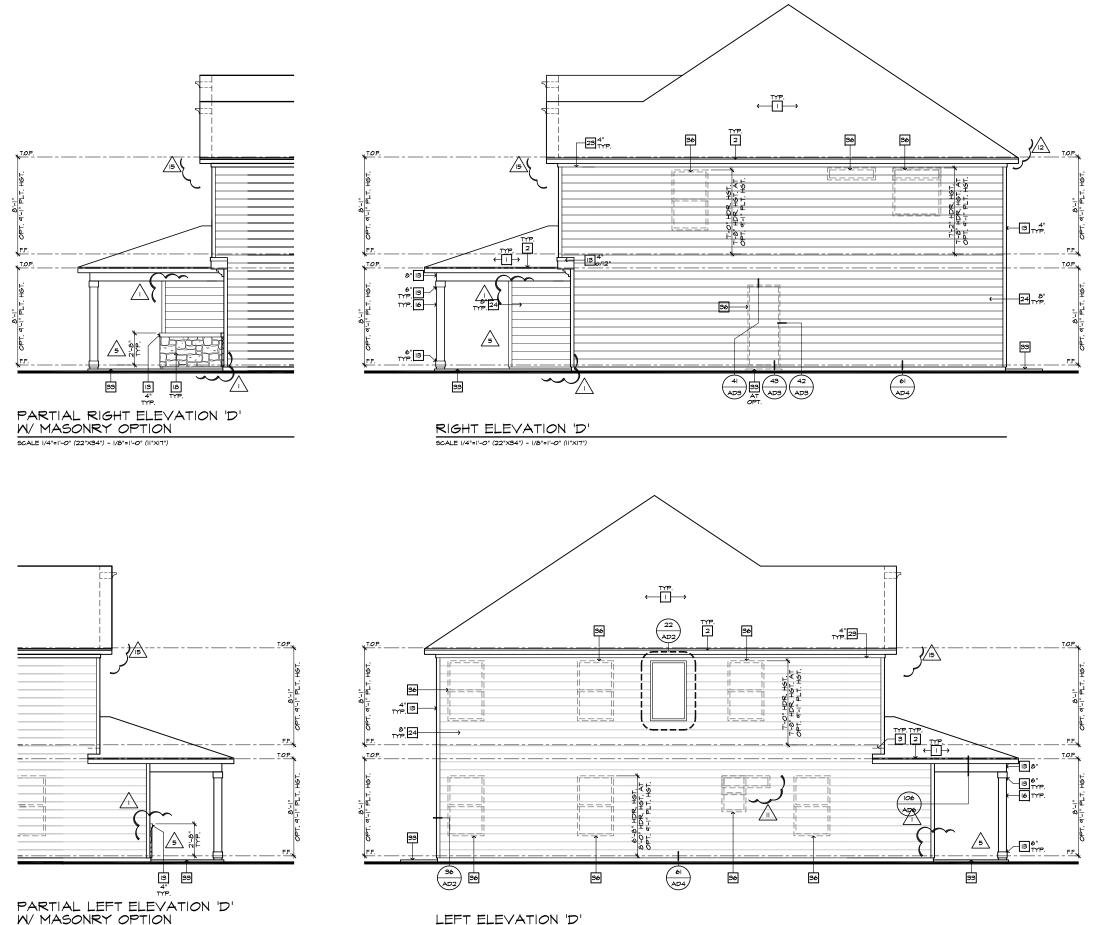
DETAIL 'C' SCALE: N.T.S.







<u>OTE:</u> NOT ALL KEY NOTES APPLY. ROOF MATERIAL - REFER TO ROOF NOTES	
. 2X FASCIA/BARGE BOARD WITH FASCIA CAP . G.I. FLASHING	
GI. FLASHING & SADDLE/CRICKET	
. G.I. DRIP SCREED . 24"x24" CHIMNEY	
DECORATIVE VENT	HOME
	I HOME I.
. DECORATIVE SHUTTERS D. PEDIMENT, SEE ELEVATION FOR TYPE	
RECESSED ELEMENT	·
2. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE 3. TRIM PER SPEC- SEE ELEVATION FOR SIZE	
A. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)	
 PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. 	
5. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	Harnett
7. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS 3. STONE VENEER PER SPECS	
1. BRICK/MASONRY VENEER PER SPECS	MASTER SET
0. BUILT UP BRICK COLUMN	
I. SOLDIER COURSE	
2. ROWLOCK COURSE 3. FRIEZE BOARD	
4. FIBER-CEMENT SIDING PER SPECS	
5. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE	
6. PRE-FAB DECORATIVE TRIM 7. LIGHT WEIGHT PRECAST STONE TRIM	NORTH CAROLINA
8. P.T. LUMBER RAILINGS (+36" U.N.O.)	40' SERIES
9. FIBER-CEMENT SMOOTH BOARD SEE SPECS	
O. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	KB HOME
I. BRACKET OR KICKER - FYPHON OR EQ. 2. ENTRY DOOR	NORTH CAROLINA DIVISION
2. ENTRT DOOR 3. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4506 S. MIAMI BLVD.
4. SECTIONAL GARAGE DOOR PER SPECS	■ SUITE 180
5. ALUMINUM WRAP 6. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703
7. OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7980 ■ FAV: (010) 544 2028
8. KEYSTONE 9. SOLDIER CROWN	FAX: (919) 544-2928
9. Soldier Cronn 0. Jack Soldier Course	
I. WATER TABLE	
2. ATRIUM DOOR 3. PILASTER - SEE ELEVATION FOR TYPE	
ROOF PLAN NOTES 'D'	2018 NORTH
	CAROLINA STATE
8:12 AND DIRECTION, U.N.O.	
OOF MATERIAL, COMPOSITION SHINGLE	BUILDING
2" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O.	
2" (INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O. OCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND	CODES
OUSE EXCEPT ABOVE SHEARWALL PANELS.	
ATTIC VENT CALCULATIONS	
ROVIDE I SQ. IN, OF VENTILATION PER 300 SQ. IN, OF ATTIC PACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF	
HE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS	
HE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS OCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) I. 3'-O' ABOVE EAVE VENT MITH THE BALANCE BEING PROVIDED	
HE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS OCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) IT 3'-O' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED Y EAVE VENTS, (LOW VENTING) (2018 N.CR 206.2) K CALCULATION BY (I/SO, HIGH/LOW VENTING NOT REQUIRED.	
HE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS OCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) IT 3'-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED Y EAVE VENTS, (LOW VENTING) (2016 NG-R 8062) * CALCULATION BY I/ISO, HIGH/LOW VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	
HE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS OCATED IN THE VEPER PORTION OF THE ATTIC, (HIGH VENTING) IT 3'-O' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED Y EAVE VENTS, (LOW VENTING) (2018 N.CR 206.2) K CALCULATION BY (1/50, HIGH/LOW VENTING NOT REQUIRED.	
HE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS OCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) IT 3'-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED Y EAVE VENTIS, (LOW VENTING) (2016 N.CR 806.2) * CALCULATION BY (VIEO, HIGH/LOW VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWL ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. EA I / MANN MTILATION REQUIRED. TIC AREA = 1411 SQ. FT. / 500 4.70 SQ. FT.	ISSUE DATE: 01/08/15
HE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS OCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) IT 3'-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED Y EAVE VENTS, (LOW VENTING) (2018 NC-R 2002) **********************************	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56
HE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS OCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) IT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED Y EAVE VENTS, (LOW VENTING) (2018 NCR 2002.) # CALCULATION BY I/I5O, HIGHLON VENTING NOT REQURED. APPROXIMATE RIDGE VENT LOCATIONS SHONN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. EA I / MAIN NTILATION REQURED. TIC AREA = 1411 X 144 = 6TT 50, IN TOTAL HIGH & LON = 6TT 50, IN X 505 = 595 50, IN	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS
HE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS OCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) IT 3'-0' ABOVE EAVE VENT WITH THE BALANCE DEING PROVIDED Y EAVE VENTS (LOW VENTING) (2018 NG-R 8062) * CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. EA I/ MAIN. MILATION REQUIRED. TIC AREA = 1411 SQ. FT. / SOO 4.70 SQ. FT. X 144 = 6 4TT SQ. IN. TOTAL HIGH & LOW = 6FT SQ. IN. X 50% = 394 SQ. IN. NTILATION PROVIDED.	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21
HE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS OCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) IT 3'-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED Y EAVE VENTE, (LOW VENTING) (2016 NCR & 8062) # CALCULATION BY //I50, HIGHLON VENTING NOT REGUIRED. APPROXIMATE RIDGE VENT LOCATIONS GHONN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. EA I / MAIN NTILATION REQUIRED. TIC AREA = I4II SQ. FT. / SOO 4.70 SQ. FT. X 144 = 6TT SQ. IN. TOTAL HIGH & LOW = 6TT SQ. IN. X 144 = 100 = 934 SQ. IN. X 144 = 100 = 100 SQ. IN. / LF. = 144 SQ. IN.	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS
HE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS OCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) IT 3'-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED YE CALCULATION BY I/I50, HIGHLOW VENTING NOT REQURED. APPROXIMATE RIJGE VENT LOCATIONS GHONN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. BA I / MAIN MILATION REQURED. TIC AREA = 1411 SG. FT. / SOO NTLATION FROVIDED. H LF RIDGE VENT(S) AT ROOF VENT(S) AT 18 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 19 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 19 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 10 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 10 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 10 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 10 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 10 SQ. IN. / LF. = 144 SQ. IN COMPANY	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 DIVISION REVISIONS MC19957NCF 09/26/19 - DCS DIVISION REVISIONS
E REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS COATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) T 3"-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED Y EAVE VENTS, (LOW VENTING) (2018 NCR & 0062) # CALCULATION BY //ISO, HIGHLOW VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS GHONN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. EA / MAIN. HILATON REQUIRED. TIC AREA = 1411 SQ. PT. / SOO NTLATION PROVIDED. H LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN. / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN A SQ. SQ. IN / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN A SQ. SQ. IN / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN A SQ. SQ. IN / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN A SQ. SQ. IN / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN A SQ. SQ. SQ. IN / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN A SQ. SQ. SQ. IN / LF. = 144 SQ. IN ROOF VENT(S) AT 50 SQ. IN A SQ.	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 DIVISION REVISIONS 12/17/21 DIVISION REVISIONS 12/17/21
E REG. VENTILATING AREA IS PROVIDED BY VENTILATORS CATED IN THE UPPER PORTICN OF THE ATTIC, (HIGH VENTING) T 3'-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED T 4'-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED (FAVE VENTIS) (LOW VENTING) (2018 NC-R & 80-62) K CALCULATION BY //ISO, HIGHLOW VENTING NOT RECURED. APPROXIMATE RIJGE VENT LOCATIONS GHOMN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. X 1/ MAN. TILATION REQUIRED. TC AREA = 1411 SQL FT. / 300 ATTO SQL FT. / 444 ATTO SQL FT. / 300 ATTO SQL FT. / 444 ATTO SQL	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 12 DIVISION REVISIONS NC19937AC2 93/26/19 13 DIVISION REVISIONS 13 DIVISION REVISIONS 13 DIVISION REVISIONS 14 NC19937AC2 15 DIVISION REVISIONS 16 VENTLIATION 16 VENTLIATION
E REG. VENTILATING AREA IS PROVIDED BY VENTILATORS COLTED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) T 3'-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED Y EAVE VENTIS, (LOW VENTING) (2018 NC-R 8002) # CALCULATION BY //50, HIGHLOW VENTING NOT RECURRED. APFROXIMATE RIGGE VENT LOCATIONS GHONN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. EA I / MAIN. TILATION RECURRED. TIC AREA = 1411 SQL FT. / SOO 4.70 SQL FT. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. EA I / MAIN. TILATION RECURRED. TIC AREA = 1411 SQL FT. / SOO 4.70 SQL FT. XIL4 = 67T SQL IN. X 144 SQL IN. X 145 SQL IN. X 145 SQL IN. X 145 SQL	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISIONS MC20003NCF + 0/17/20 CL
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EREA. VENTILATING AREA IS PROVIDED BY VENTILATORS COATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) T 3'-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED Y EAVE VENTIS, (LOW VENTING) (2018 NC-R 8002.) # CALCULATION BY //ISO, HIGHLOW VENTING NOT RECURED. APPROXIMATE RIDGE VENT LOCATIONS GHOM. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. EA I / MAIN. MILATION RECURED. TIC AREA = I4II SO. FT. / SOO 4.70 S. FT. X 144 = 67T SO. IN. TOTAL HIGH & LOW = 67T SO. IN. XILATION PROVIDED. H LF RIDGE VENT(S) AT 18 SO. IN. / LF. = 144 SO. IN. ROOF VENT(S) AT 50 SO. IN. EA. = 300 SO. IN. ROOF VENT(S) AT 50 SO. IN. EA. = 400 SO. IN. ROOF VENT(S) AT 50 SO. IN. EA. = 444 SO. IN. AC VENTILATION CONTENTS OF SO. IN. EA. = 400 SO. IN. AL VENTILATION FROVIDED. B-TOTAL LOW VENTILATION. AL VENTILATION SO SO. IN. EA. = 444 SO. IN. AL VENTILATION SO SO. IN. EA. = 400 SO. IN. EA. 2 / PORCH. MILATION REQURED. IC AREA = 140 SO. SO. FT. / ISO 1.2T SO. FT. X 144 = 182 SO. IN. TOTAL HIGH & LOW = 182 SO. IN. X 144 = 1	ISSUE DATE: 01/08/15 PROJECT NO.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 Image: Constraint of the state of
HE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS OCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) IT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED Y EAVE VENTIS (LOW VENTING) (2018 NCR 2002) # CALCULATION BY //I50, HIGHLOW VENTING NOT RECURED. APPROXIMATE RIDGE VENT LOCATIONS GHONN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. EA I / MAIN NTILATION REQUIRED. TC AREA = I4II LF RIDGE VENTS) AT IB SQ. IN. / LF. = 144 SQ. IN. ROOF VENTS) AT IB SQ. IN. / LF. = 144 SQ. IN. ACT VAL LOG VENTS) AT IB SQ. IN. / LF. = 144 SQ. IN. ROOF VENTS) AT 50 SQ. IN. / LF. = 144 SQ. IN. ACT VENTLATED SOFFIT AT 64 SQ. IN. / LF. = 400 SQ. IN. TA VENTLATION RECVIDED. ACT VENTLATION SQ. IN. / LF. = 400 SQ. IN. ACT VENTLATION SOFFIT AT 64 SQ. IN. / LF. = 400 SQ. IN. ACT VENTLATION RECVIDED. ACT VENTLATION RECVIDED. ACT VENTLATION SOFFIT AT 64 SQ. IN. / LF. = 144 SQ. IN. ACT VENTLATION RECVIDED. ACT VENTLATION RECVIDED. ACT VENTLATION RECVIDED. ACT VENTLATION SOFFIT AT 64 SQ. IN. / LF. = 122 SQ. IN. ACT VENTLATION SOL SQ. IN. / LF. = 124 SQ. IN. ACT VENTLATION SOFFIT AT 64 SQ. IN. / LF. = 125 SQ. IN. ACT VENTLATION SOFFIT AT 64 SQ. IN. / LF. = 125 SQ. IN. ACT VENTLATION SOFFIT AT 64 SQ. IN. / LF. = 125 SQ. IN. ACT VENTLATION RECVIDED. ACT VENTLATION SOFFIT AT 64 SQ. IN. / LF. = 125 SQ. IN. ACT VENTLATION SOFFIT AT 64 SQ. IN. / LF. = 126 SQ. IN. ACT VENTLATION SOFFIT AT 64 SQ. IN. / LF. = 126 SQ. IN. ACT A LIGH \$ LOW = 125 SQ. IN. ACT A LIGH \$ LOW \$ SOFFIT AT 64 SQ. IN. / LF. = 126 SQ. IN. ACT A LIGH \$ LOW \$ SOFFIT AT 64 SQ. IN. / LF. = 126 SQ. IN. ACT A LIGH \$ LOW \$ SOFFIT AT 64 SQ. IN. / LF. = 126 SQ. IN. ACT A LIGH \$ LOW \$	ISSUE DATE: 01/08/15 PROJECT NO.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 ¹ /2 ¹ /
HE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS OCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) T 3'-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED Y EAVE VENTIS (LOW VENTING) (2018 NC-R 8062) # CALCULATION BY //I50, HIGHLOW VENTING NOT RECURED. APPROVINMATE RIDGE VENT LOCATIONS GHONN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. EA I / MAIN INTLATION REQUIRED. TIC AREA = I4II SOL FT. / SOO ATTO 50. FT. / SOO	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISIONS CONSTRCP - 02/07/20 CL MC20005NCP - 02/10/20 MCP DIVISION REVISION MC20005NCP - 02/10/20 MCP DIVISION REVISION MC20005NCP - 02/07/20 KBA MC20005NCP - 02/07/20 CL MC20005NCP - 02/07/20 KBA MC20057NCP - 10/06/20 - KBA
HE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS COLATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) T 3'-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED ***********************************	ISSUE DATE: 01/08/15 PROJECT NO.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 12 DIVISION REVISIONS 12 DIVISION REVISIONS 13 DIVISION REVISIONS 14 VENTILATION 16 DIVISION REVISION 16 DIVISION REVISION 16 DIVISION REVISION 16 DIVISION REVISION 16 DIVISION REVISION 16 DIVISION REVISION 16 DIVISION REVISION 18 ADD NOTE TO TF 18 ADD NOTE TO TF 19 ADD NOTE TO TF 19 ADD NOTE TO TF 10 DIVISION REQ. REVISION 19 ADD NOTE TO TF 10 DIVISION REQ. REVISION 10 DIVISION REQ. 800620. EBA
E REG. VENTILATING AREA IS PROVIDED BY VENTILATORS COATED IN THE UPPER PROVIDED BY VENTILATORS COATED IN THE UPPER PROVIDED T 3'-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED YEAVE VENTIS (LOW VENTING) (2018 NCR & 2062) # CALCULATION BY //ISO, HIGHLOW VENTING NOT RECURED. APPROXIMATE RIJGE VENT LOCATIONS GHONN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. EA / MAIN. HTLATON REQURED. TOTAL HIGH # LOW = 6TT 50. IN. X 144 = 162. 50. IN. X	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 DIVISION REVISIONS: 12/17/21 DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISION MC20003NCF 01/17/20 CL DIVISION REVISION MC20003NCF 02/0/20 MCF DIVISION REVISION MC20003NCF 02/0/20 MCF DIVISION REVISION MC20003NCF 02/0/20 KBA HOME OFFICE ADD NOTE TO TS ADD NOTE TO TS DIVISION REVISION REVISION LOW REVISION NC20001NCF 02/0/20 KBA HOME OFFICE REVISION REVISION REVISION REVISION MC20001NCF 02/0/20 KBA MC20001NCF 02/0/20 KBA HOME OFFICE SUMMED A DO NOTE TO TS NC20001NCF 02/0/20 KBA MC20001NCF 02/0/20 KBA
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E REG. VENTILATING AREA IS PROVIDED BY VENTILATORS COATED IN THE UPPER PROVIDED BY VENTILATORS COATED IN THE UPPER PROVIDED T 3'-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED Y EAVE VENTS (LOW VENTING) (2018 NCR 8062) # CALCULATION BY //BO, HIGHLOW VENTING NOT RECURED. APPROXIMATE RIDGE VENT LOCATIONS GHONN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. EA / MAIN. HILATON REQURED. TC AREA = 14!! SG. PT. / SOO ATTO SG. PT.	ISSUE DATE: 01/08/15 PROJECT NO.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 DIVISION REVISIONS: 12/17/21 DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISION MC20003NCF 01/17/20 CL DIVISION REVISION MC20003NCF 02/0/20 MCF DIVISION REVISION MC20003NCF 02/0/20 MCF DIVISION REVISION MC20003NCF 02/0/20 KBA DIVISION REVISION MC20003NCF 02/0/20 KBA DIVISION REVISION MC20002000 CF 02/0/20 KBA DIVISION REVISION MC20002000 F 00/12/0 KBA
EREA. VENTILATING AREA IS PROVIDED BY VENTILATORS COATED IN THE UPPER PROVIDED BY VENTILATORS COATED IN THE UPPER PROVIDED T 3'-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED Y EAVE VENTIS (LOW VENTING) (2018 NCR 8062) # CALCULATION BY //BO, HIGHLOW VENTING NOT RECURED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. RILATION RECURED. TIC AREA = 1411 S0. PT. / BOO 4.70 50. FT. X 144 = 67T 50. IN X 144 = 102. S0. IN X 144 = 1	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 DIVISION REVISIONS 12/17/21 DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISION DIVISION REVISION AUXIONSCP - 03/04/20 - KDA DIVISION REVISION ADD NOTE TO TF HOME OFFICE TO COFFORM CORPORADOR - 01/09/20 - KDA DIVISION REV REVISION MC20003NCP - 01/09/20 - KDA DIVISION REV REVISION DIVISION REO REVISION
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SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

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

Harne

01/21/2022

BUILDING

CODES

" PROJECT No.: 1350999:56 "

DIVISION REVISIONS NCI9057NCP - 09/26/19 - DCS B 13 DIVISION REVISIONS NC20003NCP · 12/12/19 · CL

WENTILATION NC20008NCP · 01/17/20- CL

DIVISION REVISION NC20013NCP - 02/10/20- MC

HOME OFFICE CORP20003CORP-08/20/20-4

DIVISION REQ. REVISION NC21005NCP - 01/06/21 - KBA

ADD NOTE TO 75° NC20037NCP - 10/06/20 - EBA

20 DIVISION REO. REVISION NC21032NCP - 05/19/21 - EBA

238.2338-R

SPEC. LEVEL 1 RALEIGH-DURHAM

40' SERIES

ADD DECK OPTION NC21056NCP - 12/17/21 - CTD

SHEET:

3.D3

DIVISION REVISION NC20017NCP · 03/04/20- KB

01/08/15

DS

12/17/21 🏾

ISSUE DATE:

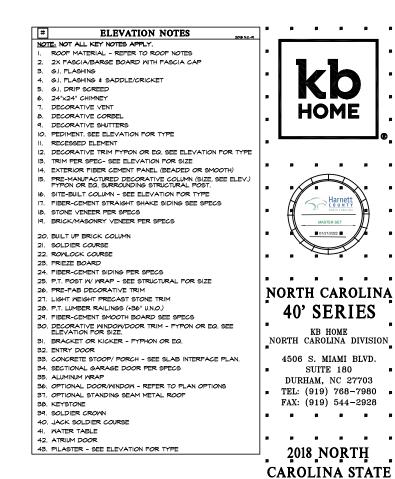
REVISIONS:

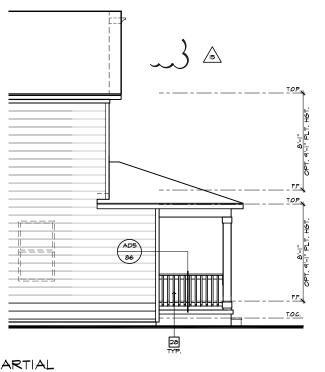
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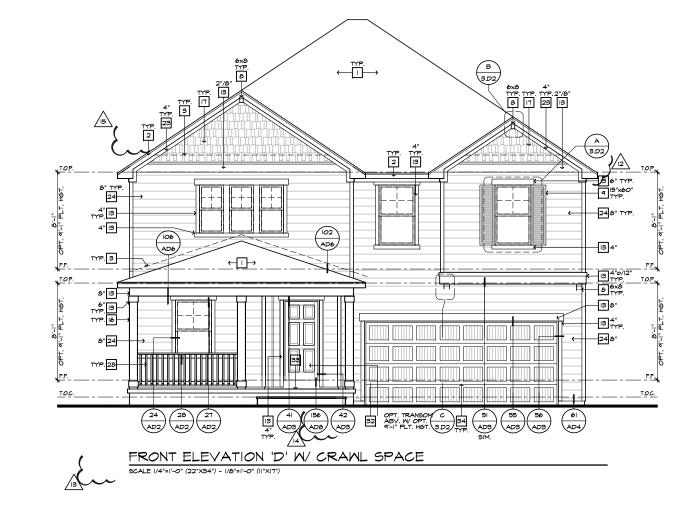
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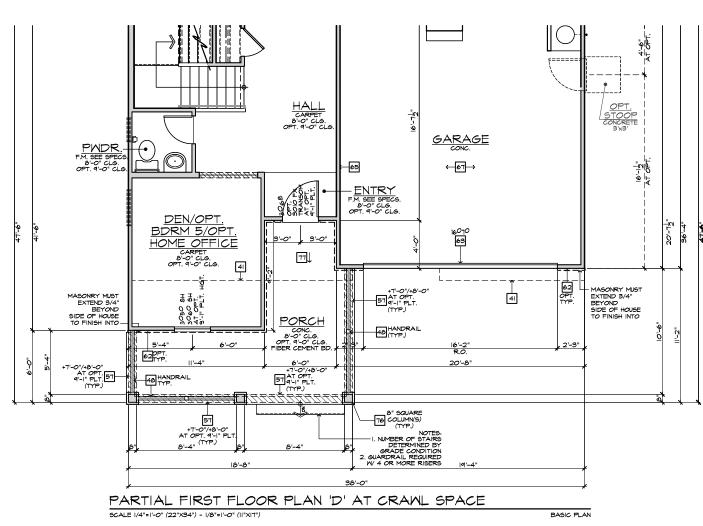
DIVISION MGR.:



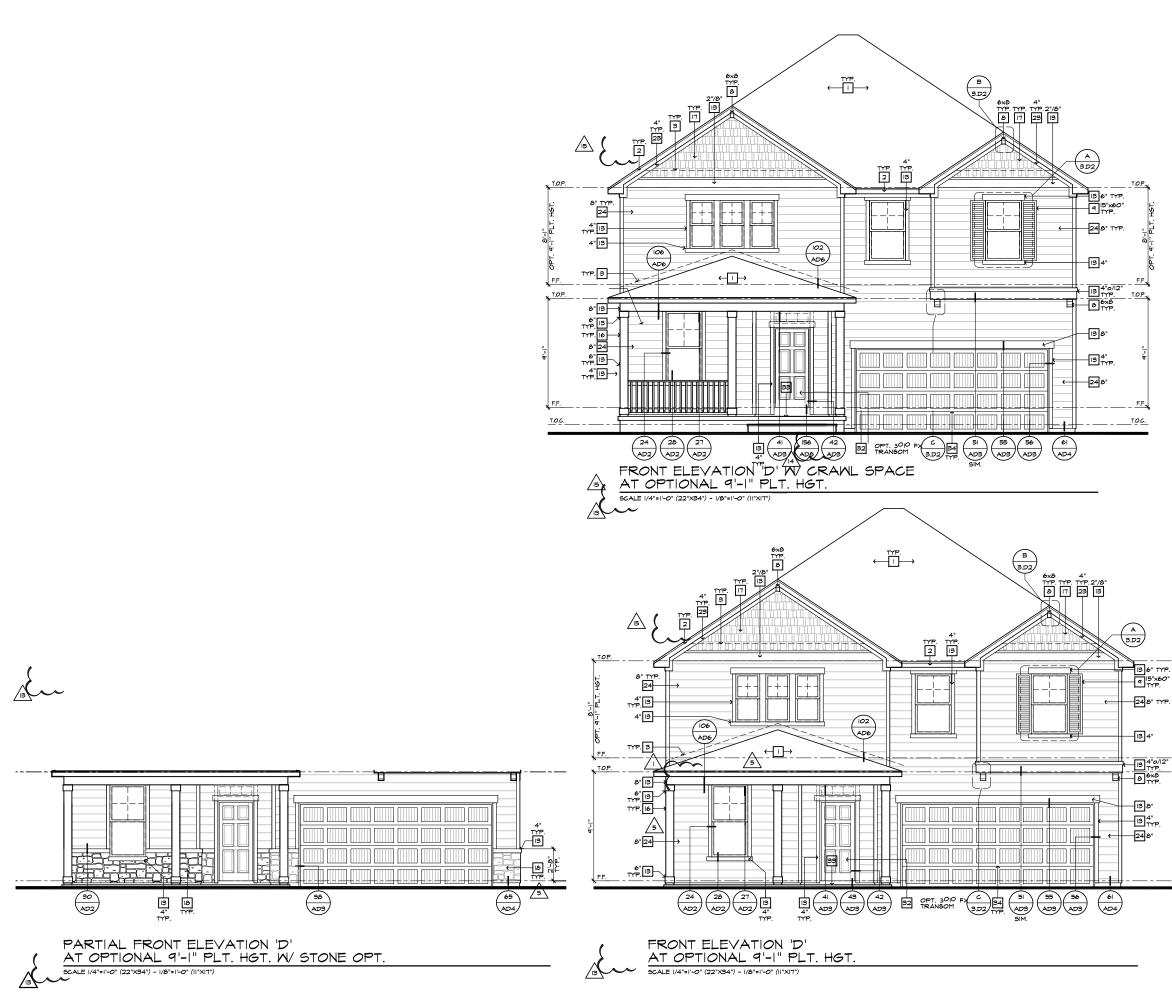


PARTIAL RIGHT ELEVATION 'D' AT CRAWL SPACE SCALE 1/4*=1'-0" (22*X34*) - 1/8*=1'-0" (11*X1*)





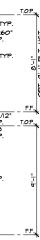
#	ELEVATION NOTES	, , , , , ,
ю	E: NOT ALL KEY NOTES APPLY.	
•	ROOF MATERIAL - REFER TO ROOF NOTES	B
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP	
3.		
4. 5.	G.I. FLASHING & SADDLE/CRICKET G.I. DRIP SCREED	
». 5.	24"x24" CHIMNEY	
7.	DECORATIVE VENT	
З.	DECORATIVE CORBEL	I. I HOME I
1.	DECORATIVE SHUTTERS	
0.	PEDIMENT. SEE ELEVATION FOR TYPE	
Π.	RECESSED ELEMENT	
	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	
В.	TRIM PER SPEC- SEE ELEVATION FOR SIZE EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)	
4. 5.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
	FYPON OR EQ. SURROUNDING STRUCTURAL POST.	
	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	Harnett
	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS	
	STONE VENEER PER SPECS	
м.	BRICK/MASONRY VENEER PER SPECS	MASTER SET -
20.	BUILT UP BRICK COLUMN	
21.	SOLDIER COURSE	
	ROWLOCK COURSE	
	FRIEZE BOARD	
	FIBER-CEMENT SIDING PER SPECS	
	P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE PRE-FAB DECORATIVE TRIM	NODTH CAPOLIN
	LIGHT WEIGHT PRECAST STONE TRIM	NORTH CAROLIN
	P.T. LUMBER RAILINGS (+36" U.N.O.)	40' SERIES
29.	FIBER-CEMENT SMOOTH BOARD SEE SPECS	HU SEKIES
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE	KB HOME
31	ELEVATION FOR SIZE. BRACKET OR KICKER - FYPHON OR EQ.	NORTH CAROLINA DIVISIO
	ENTRY DOOR	
	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4506 S. MIAMI BLVD.
	SECTIONAL GARAGE DOOR PER SPECS	SUITE 180
	ALUMINUM WRAP	DURHAM, NC 27703
	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	■ TEL: (919) 768-7980
	OPTIONAL STANDING SEAM METAL ROOF	FAX: (919) 544-2928
	KEYSTONE SOLDIER CROWN	
	JACK SOLDIER COURSE	8 8 9 9 4 4 4
	WATER TABLE	
	ATRIUM DOOR	
	PILASTER - SEE ELEVATION FOR TYPE	2018 NORTH
#	PARTIAL PLAN NOTES	_
NOT	E. NOT ALL KEY NOTES APPLY.	CAROLINA STAT
∠1.	WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO DETAILS) WATER HEATER 'B' VENT TO OUTSIDE AIR	
28.	WATER HEATER 'B' VENT TO OUTSIDE AIR	BUILDING
29.	VALVE AND TEMP. & PRESSURE RELIEF	DOILDING
41.	LINE OF FLOOR ABOVE LINE OF FLOOR ABOVE	CODES
42. 48. 50.	LINE OF FLOOR BELON MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) A/C PAD LOCATION	
50: 51.	LOW WALL - REFER TO PLAN FOR HEIGHT	
52. 54	DAG STUD WALL DBL. 2x4 WALL PER PLAN	
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT	
57. 58.	FLAT SOFFIT ARCHED SOFFIT	
60. 61.	OPT. DOOR/ WINDOW PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
62.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. BRICK. (STONE_VENEER - REFER TO ELEVATIONS	
63.	SECTIONAL GARAGE DOOR PER SPECS	
66.	3" DIAM CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR	
	(NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL	
60	TRAVEL PATH).	ISSUE DATE: 01/08/15
70.	P.T. POST W/ WRAP. EGRESS WINDOW	
75.	WINDOW LEDGE HEIGHT & WIDTH OF OPENING TO EXTEND 6"	PROJECT No.: 1350999:56
76. 77.	BEYOND WINDOW(S) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR	DIVISION MGR.: DS
11.	SIZE.	REVISIONS: 12/17/21
		∧ DIVISION REVISIONS
		LI2 NCI9057NCP - 09/26/19 - DCS
		DIVISION REVISIONS
		B 13 NC20003NCP · 12/12/19 · CL
		VENTILATION
		VENTILATION NC20008NCP - 01/17/20- CL
		DIVISION REVISION 15 NC20013NCP - 02/10/20- MCP
		DIVISION REVISION
		16 DIVISION REVISION NC20017NCP - 03/04/20- KBA
		• A HOME OFFICE
		17 CORP20003CORP-08/20/20-CTD
		ADD NOTE TO TS
		18 NC20037NCP - 10/06/20 - KBA
		DIVISION REQ. REVISION
		FOR INTERNAL USE ONLY
		FOR INTERNAL USE ONLY REVIEWED BY:
		FOR INTERNAL USE ONLY
		ACIONANCE - LINKAL USE OK TO MICHINAL USE OK TO MICHINAL USE OK TO MICHINAL USE OK TO MICHINE OK TO MICHI
		CIMSTAL CT ALVER A CONTRACT AND
		ACIONANCE - LINKAL USE OK TO MICHINAL USE OK TO MICHINAL USE OK TO MICHINAL USE OK TO MICHINE OK TO MICHI
		CIMSONCP - GIASCI - EBA- CONTROL - GIASCI - GIASCI - EBA- CONTROL - GIASCI - GIASCI - EBA- CONTROL - GIASCI
		CIMSTAL CT ALVER A CONTRACT AND
		PLAN: 238.2338-R
		Clingham Cr. alux21EA. Control Michael Decourt Control Michael Decourt
		PLAN: 238.2338-R
		PLAN: 238.2338-R
		С. С
	<u>F.</u>	PLAN: 238.2338-R
	<u>e.</u> FR to basic elevations for information not Wh HERE	С. С
	TER TO BAGIC ELEVATIONS FOR INFORMATION NOT WIN HERE	PLAN: 238.2338-R SPEC. LEVEL 1 SPEC. LEVEL 1
		PLAN: 238.2338-R SPEC. LEVEL 1 SPEC. LEVEL 1 RALEIGH-DURHAN
NOT	E. ER TO BASIC <u>FLOOR FLAN</u> FOR INFORMATION NOT	PLAN: 238.2338-R SPEC. LEVEL 1 SPEC. LEVEL 1 RALEIGH-DURHAN
	<u>E.</u>	PLAN: 238.2338-R SPEC. LEVEL 1

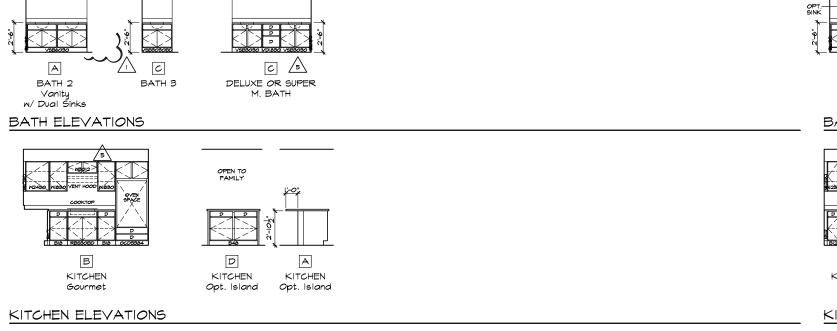


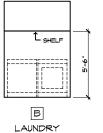
#	ELEVATION NOTES
NOT	E: NOT ALL KEY NOTES APPLY.
ι.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
з.	G.I. FLASHING
4.	G.I. FLASHING & SADDLE/CRICKET
5.	G.I. DRIP SCREED
.	24"x24" CHIMNEY
Ι.	DECORATIVE VENT
З.	DECORATIVE CORBEL
1.	DECORATIVE SHUTTERS
о.	PEDIMENT. SEE ELEVATION FOR TYPE
۱.	RECESSED ELEMENT
2.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
з.	TRIM PER SPEC- SEE ELEVATION FOR SIZE
4.	EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)
5.	$\ensuremath{PRE-MANUFACTURED}$ DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
6.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
7.	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS
э.	STONE VENEER PER SPECS
1.	BRICK/MASONRY VENEER PER SPECS
0.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
2.	ROWLOCK COURSE
З.	FRIEZE BOARD
4.	FIBER-CEMENT SIDING PER SPECS
5.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
6.	PRE-FAB DECORATIVE TRIM
7.	LIGHT WEIGHT PRECAST STONE TRIM
28.	P.T. LUMBER RAILINGS (+36" U.N.O.)
29.	FIBER-CEMENT SMOOTH BOARD SEE SPECS
ю.	DECORATIVE WINDOWDOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
31.	BRACKET OR KICKER - FYPHON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE
	9.1" PLATE OPTION

NOTE: MINDOW SIZES WILL INCREASE BY I' AT 4'-1" PLATE OPTIONS HEADER HEIGHTS FOR ALL MINDOWS MILL BE T'-8" AT 4'-1" PLATE OPTIONS.

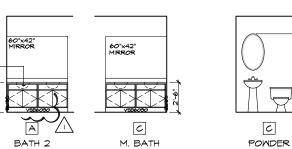
Kþ HOME Harnet MASTER SET 01/21/2022 . NORTH CAROLINA 40' SERIES KB HOME NORTH CAROLINA DIVISION 4506 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703 TEL: (919) 768-7980 FAX: (919) 544-2928 8 8 2018 NORTH **CAROLINA STATE** BUILDING CODES ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 🏾 DIVISION REVISIONS NCI9057NCP - 09/26/19 - DCS B 13 DIVISION REVISIONS NC20003NCP · 12/12/19 · CL WENTILATION NC20008NCP · 01/17/20- CL DIVISION REVISION NC20013NCP - 02/10/20- MC 16 DIVISION REVISION NC20017NCP - 03/04/20- KB HOME OFFICE CORP20003CORP-08/20/20-C ADD NOTE TO 'TS' NC20037NCP - 10/06/20 - KBA 20 DIVISION REQ. REVISION NC21032NCP 05/19/21 - EBA 21 ADD DECK OPTION NC21056NCP - 12/17/21 - CTD PLAN 238.2338-R SHEET: 3.D5 p SPEC. LEVEL 1^{6} 8 8 raleigh durham 40' SERIES





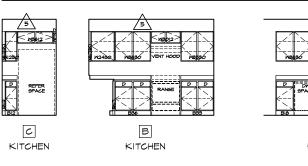


INTERIOR ELEVATIONS





BATH ELEVATIONS



KITCHEN ELEVATIONS

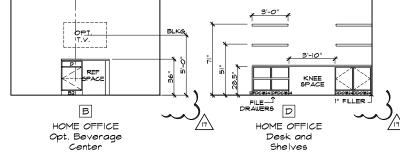
INTERIOR ELEVATIONS

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

* 3'-0" * OPI. BLKG , 3'-10" ٦¢" KNEE SPACE I" FILLER в \sim HOME OFFICE HOME OFFICE Opt. Beverage Desk and Center Shelves MISC. ELEVATIONS

36" METAL FIREPLACE MANTLE

78"x42" MIRROR



FIREPLACE

D

FAMILY

Fireplace |

30"x42" MIRROR

PPT. PPER SABS.

INTERIOR ELEVATIONS

в

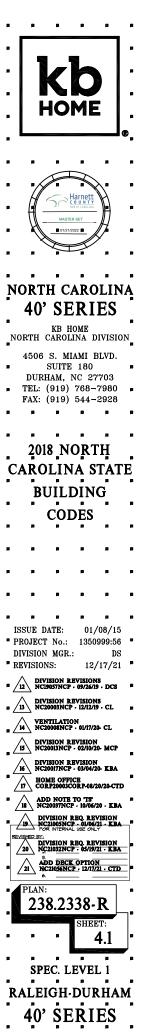
LAUNDRY

Opt. Upper

Cabinets

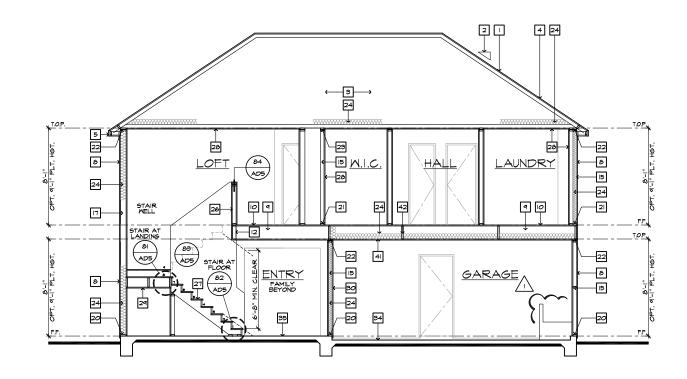
60"×42" MIRROR

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



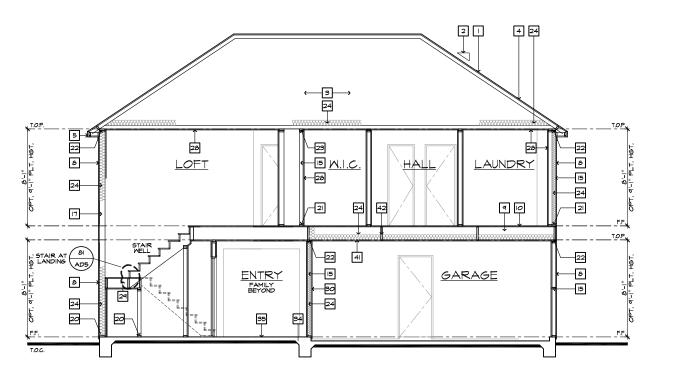
А

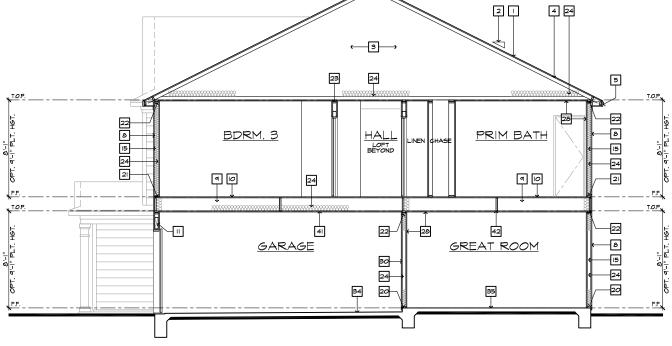
KITCHEN



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

AT SLAB-ON-GRADE

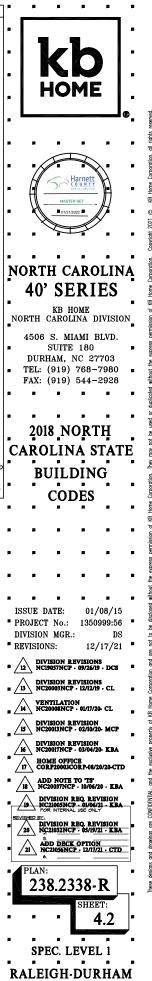




SECTION "C" SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

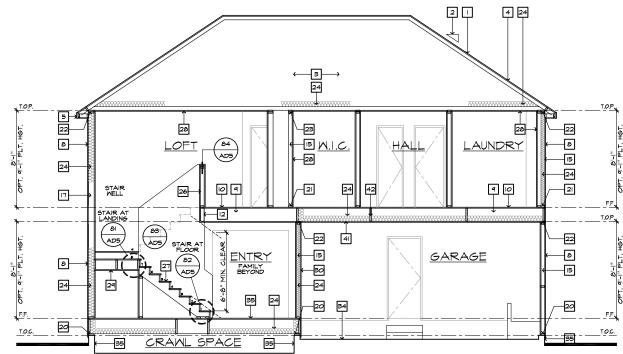
AT SLAB-ON-GRADE

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



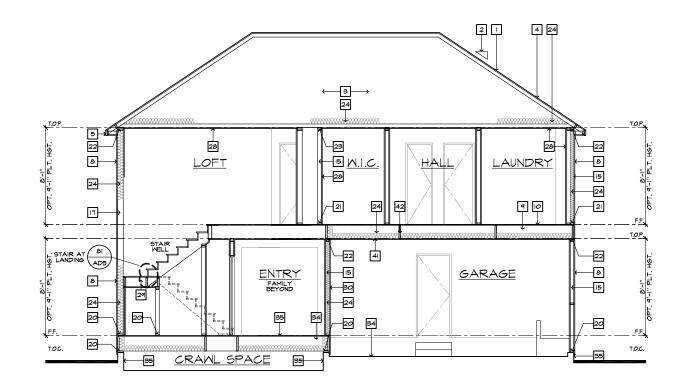
40' SERIES

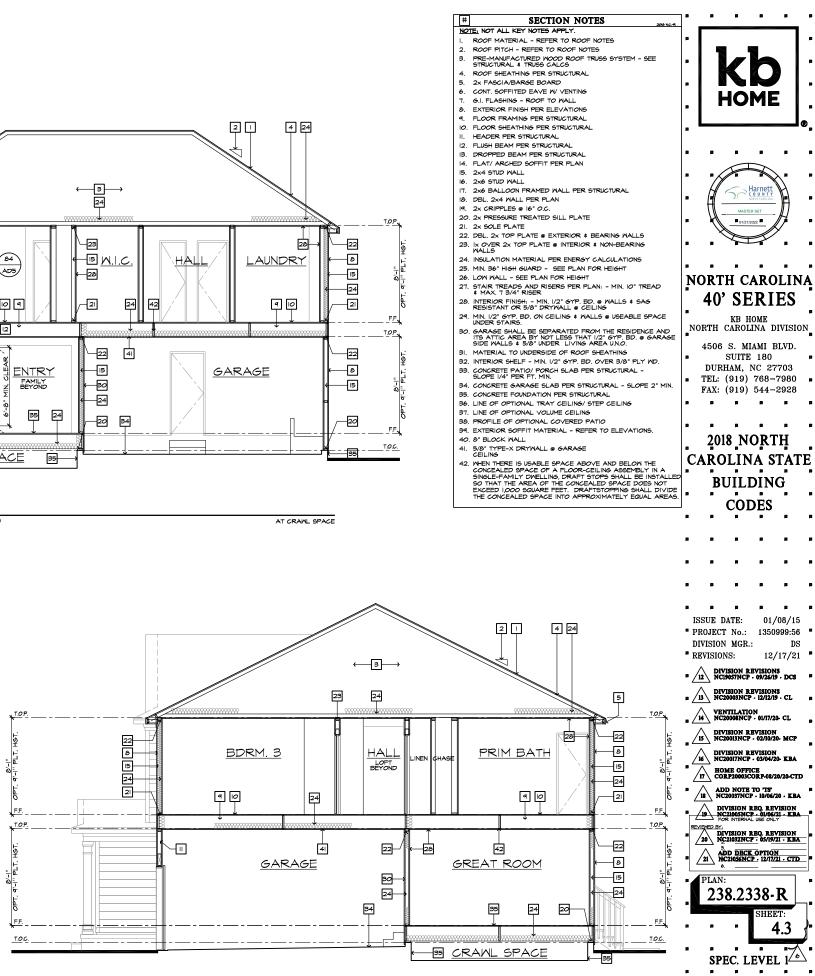
#	SECTION NOTES
NOT	E: NOT ALL KEY NOTES APPLY.
I.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	ROOF PITCH - REFER TO ROOF NOTES
з.	PRE-MANUFACTURED WOOD ROOF TRUSS SYSTEM - SEE STRUCTURAL & TRUSS CALCS
4.	ROOF SHEATHING PER STRUCTURAL
5.	2x FASCIA/BARGE BOARD
6.	CONT. SOFFITED EAVE W/ VENTING
7.	G.I. FLASHING - ROOF TO WALL
8.	EXTERIOR FINISH PER ELEVATIONS
9.	FLOOR FRAMING PER STRUCTURAL
Ю.	FLOOR SHEATHING PER STRUCTURAL
н.	HEADER PER STRUCTURAL
12.	FLUSH BEAM PER STRUCTURAL
13.	DROPPED BEAM PER STRUCTURAL
14.	FLAT/ ARCHED SOFFIT PER PLAN
15.	2×4 STUD WALL
16.	2×6 STUD WALL
17.	2x6 BALLOON FRAMED WALL PER STRUCTURAL
18.	DBL. 2x4 WALL PER PLAN
19.	2x CRIPPLES @ 16" O.C.
20.	2× PRESSURE TREATED SILL PLATE
	2x SOLE PLATE
	DBL. 2x TOP PLATE @ EXTERIOR & BEARING WALLS
	IX OVER 2X TOP PLATE @ INTERIOR & NON-BEARING
	WALLS
24.	INSULATION MATERIAL PER ENERGY CALCULATIONS
	MIN. 36" HIGH GUARD - SEE PLAN FOR HEIGHT
	LOW WALL - SEE PLAN FOR HEIGHT
	STAIR TREADS AND RISERS PER PLAN: - MIN, IO" TREAD
	\$ MAX. 7 3/4" RISER
28.	INTERIOR FINISH: - MIN. 1/2" GYP. BD. @ WALLS & SAG RESISTANT OR 5/8" DRYWALL @ CEILING
7a	
∠1.	MIN. 1/2" GYP. BD. ON CEILING & WALLS @ USEABLE SPACE UNDER STAIRS.
	GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAT I/2" GYP. BD. & GARAGE SIDE MALLS & 5/8" UNDER LIVING AREA U.N.O.
31.	MATERIAL TO UNDERSIDE OF ROOF SHEATHING
	INTERIOR SHELF - MIN. 1/2" GYP. BD. OVER 3/8" PLY WD.
<i>3</i> 9.	CONCRETE PATIO/ PORCH SLAB PER STRUCTURAL - SLOPE I/4" PER FT. MIN.
	CONCRETE GARAGE SLAB PER STRUCTURAL - SLOPE 2" MIN.
	CONCRETE FOUNDATION PER STRUCTURAL
	LINE OF OPTIONAL TRAY CEILING/ STEP CEILING
	LINE OF OPTIONAL VOLUME CEILING
	PROFILE OF OPTIONAL COVERED PATIO
	EXTERIOR SOFFIT MATERIAL - REFER TO ELEVATIONS.
	8" BLOCK WALL
40. 4I.	5/8" TYPE-X DRYWALL @ GARAGE
-+ı.	CEILING
42,	
	WHEN THERE IS USABLE SPACE ABOVE AND BELOW THE CONCEALED SPACE OF A FLOOR-CEILING ASSEMBLY IN A
	SINGLE-FAMILY DWELLING, DRAFT STOPS SHALL BE INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT
	EXCEED 1000 SQUARE FEET, DRAFTSTOPPING SHALL DIVIDE THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS
	THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS
	2 4 24
>	<u>_</u>
~	\bowtie
	ē



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

AT CRAWL SPACE

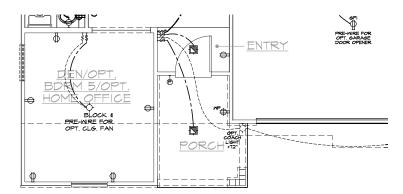




SECTION "C" SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7") SECTION "B"

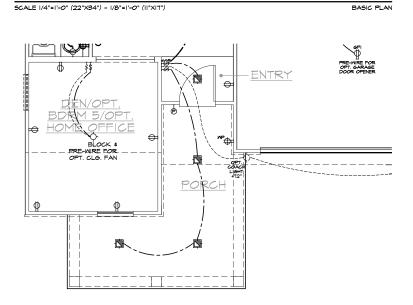
SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

RALEIGH-DURHAM 40' SERIES

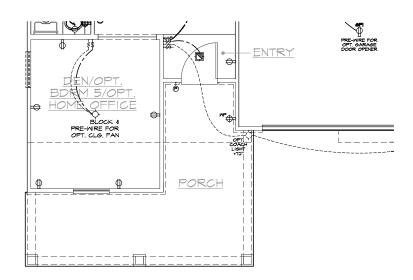


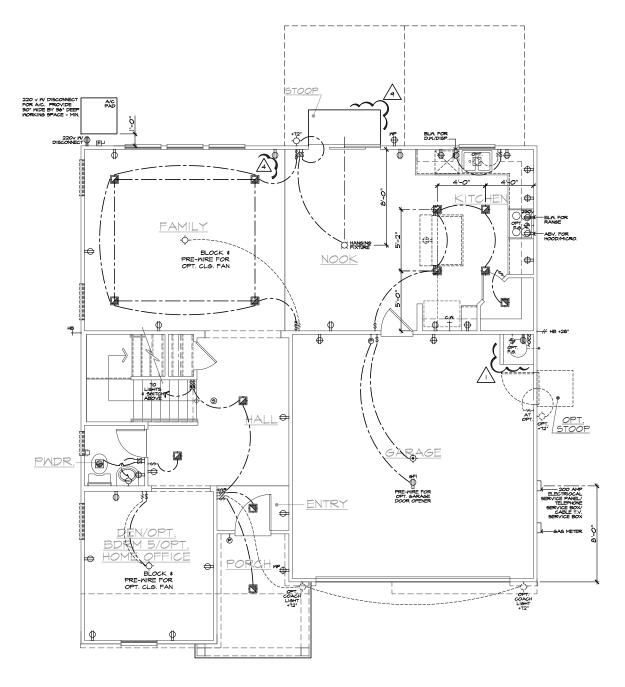
 PARTIAL FIRST FLOOR UTILITY PLAN "B"

 SCALE 1/4*=1'-0" (22*X84*) - 1/8*=1'-0" (11*X1*)



PARTIAL FIRST FLOOR UTILITY PLAN "C"	
SCALE /4"= '-0" (22"X34") - /8"= '-0" ("XI7")	





FIRST FLOOR UTILITY PLAN

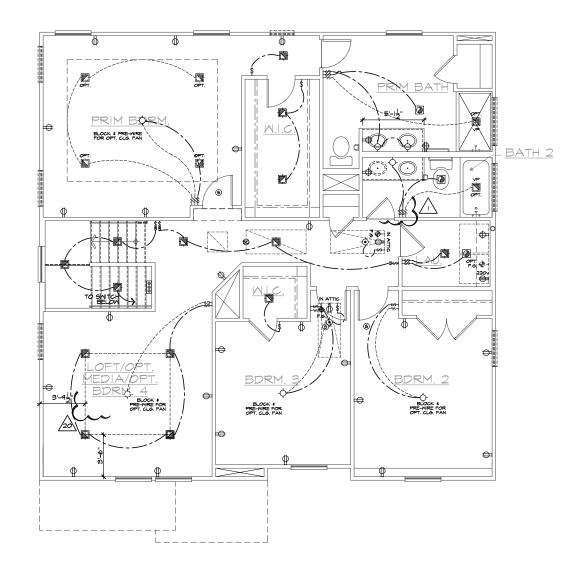
SCALE |/4"=|'-0" (22"×34") - |/8"=|'-0" (||"×|7")

PARTIAL FIRST FLOOR UTILITY PLAN "D"

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

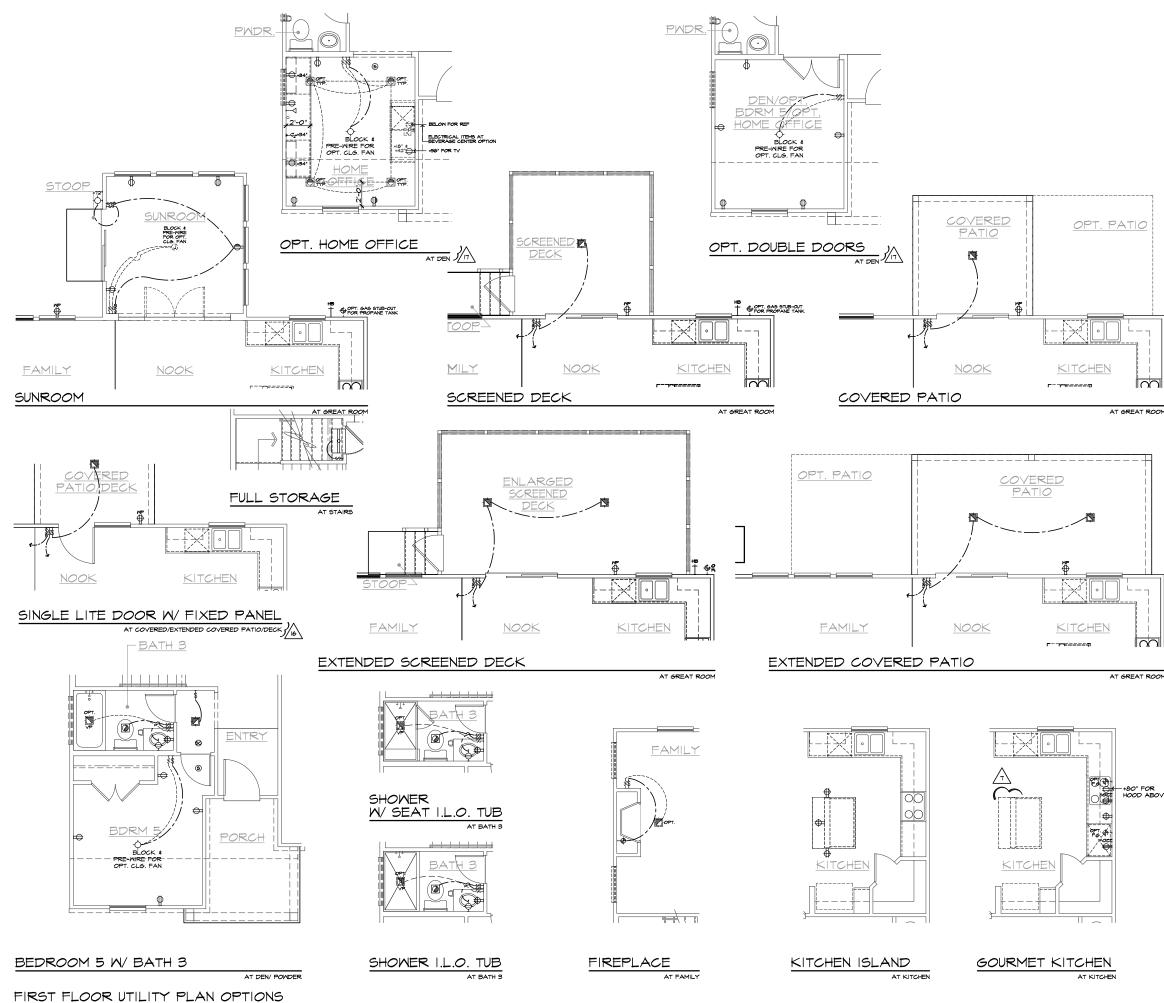
BASIC PLAN

-	UTILITY LEGEND	
÷	1200 DUPLEX CONVENIENCE RECEPTACLE ARC FAULT(AFCI) AND TAMPER RESISTANT(TR) 12" ABV, FIN, FLR, TYPICAL U.N.O.	•
	120y (TR) RECEPTACLE W/ GFI CIRCUIT	│ │ ¶ _¶ _ │
r∰ MP	W/ WATER RESISTANT HOUSING	
⊫⊖ 6FI ⊫⊕	120V (TR) RECEPTACLE W/ GFI CIRCUIT	
ᡇ	FUSED DISCONNECT	
0	120V (AFCI & TR) RECESSED FLOOR	I. I HOME I
_	RECEPTACLE W COVER	
•	120V (AFCI & TR) DUPLEX CONVENIENCE RECEPTACLE SWITCH CONTROLLED, 1/2 HOT	8
🕀 220 v	2207 SINGLE CONVENIENCE RECEPTACLE HEIGHT NOTED AS PER PLAN	
\$	TWO-POLE LIGHT SWITCH AT 42" ABY, FIN, FLR,	
	8" ABOVE COUNTER U.N.O.	
∽-3 	THREE-POLE LIGHT SWITCH	Harnett
	FOUR-POLE LIGHT SWITCH WALL MOUNTED LIGHT FIXTURE	
⊖- М.Р.	W/WATER RESISTANT HOUSING	
¢	WALL MOUNTED INCANDESCENT LIGHT FIXTURE	
6 -	WALL MOUNTED FLUORESCENT	
	LIGHT FIXTURE	
¢-	CEILING MOUNTED INCANDESCENT LIGHT FIXTURE	
¢-	CEILING MOUNTED FLUORESCENT LIGHT FIXTURE	NORTH CAROLIN
¤	HANGING INCANDESCENT	P
	LIGHT FIXTURE	40' SERIES
₽	RECESSED INCANDESCENT DIRECTIONAL LIGHT FIXTURE (EYE BALL)	KB HOME
₫	RECESSED INCANDESCENT LIGHT FIXTURE	NORTH CAROLINA DIVISIO
Þ	LIGHTING - TRAVERSE II LED FIXTURE - PER SPECS	4506 S. MIAMI BLVD.
— Фи.р.	RECESSED INCANDESCENT LIGHT FIXTURE	■ SUITE 180
⊈ ©}	W WATER RESISTANT HOUSING	DURHAM, NC 27703
⊈ ©	RECESSED FLUORESCENT LIGHT FIXTURE	■ TEL: (919) 768-7980
	RECESSED EXHAUST FAN/ INCANDESCENT	FAX: (919) 544-2928
	LIGHT COMBINATION	
Ş	RECESSED EXHAUST FAN/ FLUORESCENT LIGHT COMBINATION	
)	INCANDESCENT WALL SCONCE	
]	ILLUMINATED ADDRESS SIGN - VISIBLE FROM STREET	2018 NORTH
- 	I ROL SINCE	CAROLINA STAT
₿ ₿ ¦	24"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)	BUILDING
		CODES
<u>∥i</u>		
₿¦	12"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)	
∥i		
© 0	OPTIONAL PRE-WIRED CEILING FAN AND SWITCH - LOCATED IN CENTER OF ROOM U.N.O.	
9	CEILING MOUNTED JUNCTION BOX	
-0	WALL MOUNTED JUNCTION BOX	
-FM		ISSUE DATE: 01/08/15
™ -®	CATV RECEPTACLE	PROJECT No.: 1350999:56
⊲	PHONE OUTLET	DIVISION MGR.: DS
1	SERVICE BOX	REVISIONS: 12/17/21
-) + нв	HOSE BIB	B /12 DIVISION REVISIONS NCI9057NCP - 09/26/19 - DCS
₩ нв	HOSE BIB W/ S.O.V.	→ <u>/12</u> NCISUS/NCF · US/28/19 · DCS
+ см	WATER STUB FOR ICE MAKER	B 13 DIVISION REVISIONS NC20003NCP · 12/12/19 · CL
9	APPROVED CEILING MOUNTED SMOKE DETECTOR TO BE HARD WIRED WITH BATTERY BACK-UP AND INTERCONNECTED	VENTILATION
ഒ	WITH BATTERY BACK-UP AND INTERCONNECTED APPROVED CARBON MONOXIDE ALARM/ SMOKE DET.	■ <u>14</u> NC20008NCP - 01/17/20- CL
-0 -0	THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN)	DIVISION REVISION NC20013NCP - 02/10/20- MCP
•	GAS TAP	DIVISION REVISION
∇	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA,	■ <u>/16</u> NC20017NCP - 03/04/20- KBA HOME OFFICE
X	BUT NO MORE THAN 48" FROM GAS OUTLET	17 HOME OFFICE CORP20003CORP-08/20/20-CTI
		ADD NOTE TO 'TS'
SM	ITCHING FOR 24" MIN. SEPERATION	/ 18 \ NC20037NCP - 10/06/20 . WBA
SM RC OP	IITCHING FOR 24" MIN. SEPERATION XOMS W/ CLG. FAN OF ELECTRICAL BOXES ITIONS AS SHOWN BELOW	18 NC20037NCP - 10/06/20 - KBA
IGHT / F	AN LIGHT	IS NC20037NCP - 10/06/20 - KBA DIVISION REQ. REVISION ID NC21005NCP - 01/06/21 - KBA FOR INTERNAL USE ONLY
OP		18 NC20037NCP - 10/06/20 - EBA DIVISION REQ. REVISION 19 NC21005NCP - 01/06/21 - EBA FOR INTERNAL USE ONLY REVIEWED BY:
IGHT / F		18 NC20037NCP - 10/06/20 - KBA DIVISION REQ. REVISION 19 FOR INTERVAL USE ONLY FOR INTERVAL USE ONLY REVIEWED PT: DIVISION REQ. REVISION 20 NC21032NCP - 05/19/21 - KBA 3
юн .IGHT / F ½ НО		13 NC20037NCP - 10/06/20 - KBA 10 DIVISION REQ. REVISION 11 TCR INTERNAL USE ONLY 12 TCR INTERNAL USE ONLY 20 NC21032NCP - 05/19/21 - KBA 20 NC21032NCP - 05/19/21 - KBA 20 DDECK OPTION 21 DDECK OPTION 22 NC21052NCE - 12/17/21 - CTD
юнт / F 1/2 но		13 NC20037NCP - 10/06/20 - KBA DIVITION ED, REVISION MC20037NCP - 0/06/21 - KBA SC/EPEC EX. DIVISION REQ, REVISION 200 NC20037NCP - 6/09/21 - KBA 201 NC20037NCP - 6/09/21 - KBA 201 NC20037NCP - 10/07/21 - CDA 202 NC20037NCP - 10/07/21 - CDA 41 NC20057NCP - 10/07/21 - CDA
.IGHT / F 1/2 HO 	AS SHOW BELOW AS SHOW BELOW T AN LIGHT T FAN T	13 NC20037NCP - 1006/20 - KBA 19 DIVISION REQ. REVISION 19 DIVISION REQ. REVISION 10 DIVISION REQ. REVISION 20 DIVISION REQ. REVISION 21 DIVISION REQ. REVISION 22 DIVISION REQ. REVISION 23 DIVISION REQ. REVISION 21 DIVISION REQ. REVISION 21 NC21050NCP - 05/19/21 - KBA 4 DIVISION REQ. REVISION 21 NC21050NCP - 12/17/21 - CTD 4 DIVISION REQ. REVISION
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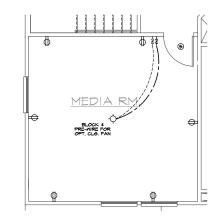


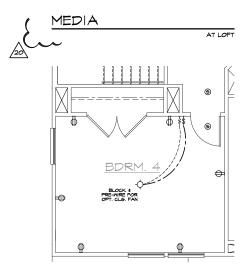
<u>SECOND FLOOR UTILITY PLAN</u> 5CALE 1/4"=1"-O" (22"X34") - 1/0"=1"-O" (11"X1T")

-	UTILITY LEGEND	
Ð	1200 DUPLEX CONVENIENCE RECEPTACLE ARC FAULT(AFCI) AND TAMPER RESISTANT(TR) 12° ABV, FIN, FLR, TYPICAL U.N.O.	8
	I 120y (TR) RECEPTACLE W/ GFI CIRCUIT	
r∰ MP	W/ WATER RESISTANT HOUSING	
⊫⊖ 6FI ⊫⊕	120V (TR) RECEPTACLE W/ GFI CIRCUIT	
₽	FUSED DISCONNECT	
0	120V (AFCI & TR) RECESSED FLOOR	I. I HOME
	RECEPTACLE W COVER	
•	120V (AFCI & TR) DUPLEX CONVENIENCE RECEPTACLE SWITCH CONTROLLED, 1/2 HOT	8
i€ 220 v	220V SINGLE CONVENIENCE RECEPTACLE HEIGHT NOTED AS PER PLAN	
÷	TWO-POLE LIGHT SWITCH AT 42" ABY, FIN, FLR,	
	8" ABOVE COUNTER U.N.O.	
⊷	THREE-POLE LIGHT SWITCH FOUR-POLE LIGHT SWITCH	Harnett
	WALL MOUNTED LIGHT FIXTURE	
ю́- м.р .	W/ WATER RESISTANT HOUSING	MASTER SET
ф	WALL MOUNTED INCANDESCENT LIGHT FIXTURE	B01/21/2022 B
ŀ∲-	WALL MOUNTED FLUORESCENT	
÷¢-	CEILING MOUNTED INCANDESCENT LIGHT FIXTURE	
-¢-	CEILING MOUNTED FLUORESCENT LIGHT FIXTURE	NORTH CAROLIN
a	HANGING INCANDESCENT	
	LIGHT FIXTURE	40' SERIES
Ð	RECESSED INCANDESCENT DIRECTIONAL LIGHT FIXTURE (EYE BALL)	KB HOME
Ø	RECESSED INCANDESCENT LIGHT FIXTURE	NORTH CAROLINA DIVISIO
	LIGHTING - TRAVERSE II LED FIXTURE - PER SPECS	4506 S. MIAMI BLVD.
🖓 м.р.	RECESSED INCANDESCENT LIGHT FIXTURE W/WATER RESISTANT HOUSING	SUITE 180
 0-	RECESSED FLUORESCENT LIGHT FIXTURE	DURHAM, NC 27703
©	RECESSED EXHAUST FAN	TEL: (919) 768-7980
8	RECESSED EXHAUST FAN/ INCANDESCENT	FAX: (919) 544-2928
_	LIGHT COMBINATION RECESSED EXHAUST FAN/ FLUORESCENT	
Ş	RECESSED EXHAUST FAN/ FLUORESCENT LIGHT COMBINATION	
D	INCANDESCENT WALL SCONCE	2018_NORTH
]	ILLUMINATED ADDRESS SIGN - VISIBLE FROM STREET	
		CAROLINA STAT
	24"×48" FLUORESCENT LIGHT	
	BOX (CEILING MOUNTED)	BUILDING
		CODES
	12"x48" FLUORESCENT LIGHT	
i 🛉 i	12"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)	
•	OPTIONAL PRE-WIRED CEILING FAN	
0	AND SWITCH - LOCATED IN CENTER OF ROOM U.N.O.	
-0	CEILING MOUNTED JUNCTION BOX WALL MOUNTED JUNCTION BOX	
	MALL MOUNTED JUNCTION BOX	19 19 19 19 19
-12	CATV RECEPTACLE	ISSUE DATE: 01/08/15
-@	PUSH BUTTON	PROJECT No.: 1350999:56
-	PHONE OUTLET	DIVISION MGR.: DS
	SERVICE BOX	REVISIONS: 12/17/21
— нв	HOSE BIB	DIVISION REVISIONS NCI9057NCP · 09/26/19 · DCS
—# нв	HOSE BIB W/ S.O.V.	
— см	WATER STUB FOR ICE MAKER APPROVED CEILING MOUNTED	■ 13 NC20003NCP · 12/12/19 · CL
6	SMOKE DETECTOR TO BE HARD WIRED WITH BATTERY BACK-UP AND INTERCONNECTED	VENTILATION NC20008NCP · 01/17/20- CL
⊗	APPROVED CARBON MONOXIDE ALARM/ SMOKE DET.	
⊢®	THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN)	■ 15 NC20013NCP · 02/10/20- MCP
⊢ \$ -	GAS TAP	DIVISION REVISION 16 DIVISION REVISION NC20017NCP - 03/04/20- KBA
-X	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA,	B HOME OFFICE
	BUT NO MORE THAN 48" FROM GAS OUTLET	CORP20003CORP-08/20/20-CT
Sh	NTCHING FOR 24" MIN. SEPERATION DOMS W/ CLG. FAN OF ELECTRICAL BOXES	ADD NOTE TO 'TS' NC20037NCP - 10/06/20 - KBA
01	AS SHOWN BELOW	\wedge DIVISION REO REVISION
-IGHT / F 1∕2 HO		FOR INTERNAL USE ONLY
	↑ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	B 20 NC21032NCP - 05/19/21 - KBA
_		3
SECC	NDARY MASTER GARAGE	ADD DECK OPTION NC21056NCP - 12/17/21 - CTD
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I. MEC	HANICAL, ELECTRICAL AND PLUMBING SYSTEMS ARE WN FOR INTENT ONLY. THESE SYSTEMS SHALL BE	
SHO	WN FOR INTENT ONLY. THESE SYSTEMS SHALL BE INEERED BY OTHERS. THE CONTRACTOR SHALL BE PONSIBLE FOR PROPER INSTALLATION AND	238.2338-R
PLA	PONSIBLE FOR PROPER INSTALLATION AND CEMENT. ALL HEIGHTS SHOWN ARE TO CENTERLINE "IXTURE.	SHEET:
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з. 5м0		
3. SMO BE	LOCATED AT HIGHEST POINT OF CEILING	SPEC. LEVEL 1
3. SMO BE 4. 20 F ADD	LOCATED AT HIGHEST POINT OF CEILING FOOT #4 REBAR FOR UFER GROUND AND VITIONAL COLD WATER GROUND. REFER TO SLAB	
3. SMO BE 4. 20 F ADD INTE	LOCATED AT HIGHEST POINT OF CEILING =OOT #4 REBAR FOR UFER GROUND AND NITIONAL COLD WATER GROUND, REFER TO SLAB RFACE PLAN FOR LOCATION.	SPEC. LEVEL 1 RALEIGH-DURHA
3. 5M0 BE 4. 20 F ADD INTE 5. 200	LOCATED AT HIGHEST POINT OF CEILING FOOT #4 REBAR FOR UFER GROUND AND NITIONAL COLD WATER GROUND. REFER TO SLAB RFACE PLAN FOR LOCATION. AMP ELECTRICAL PANEL (DEFAULT). ELECTRICAL N CHECK PERMIT REQUIRED IF LOAD EXCEED 400	

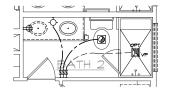


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IN ATTIC FOR FAU PER COMMUNITY SPECIFICATIONS. 3. SMOKE DETECTORS IN ROOMS WITH VOLUME CEILING TO BE LOCATED AT HIGHEST POINT OF CEILING 4. 20 FOOT #A REBAR FOR UFER GROIND AND ADDITIONAL COLD WATER GROIND. REFER TO SLAB INTERFACE PLAN FOR LOCATION. RALEIGH-DURHA	IN ATTIC FOR FAUL - PER COMMUNITY SPECIFICATIONS. 3. SMOKE DETECTORS IN ROOMS WITH VOLUME CEILING TO BE LOCATED AT HIGHEST POINT OF CEILING 4. 20 FOOT #4 REBAR FOR UFER GROUND AND ADDITIONAL COLD WATER GROUND. REFER TO SLAB INTERFACE PLAN FOR LOCATION. 5. 200 AMP ELECTRICAL PANEL (DEFAULT). ELECTRICAL			
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4. 20 FOOT #4 REBAR FOR UFER GROUND AND ADDITIONAL COLD WATER GROUND. REFER TO SLAB INTERFACE PLAN FOR LOCATION. REFER TO SLAB	 20 FOOT #4 REBAR FOR UFER GROUND AND ADDITIONAL COLD WATER GROUND. REFER TO SLAB INTERFACE PLAN FOR LOCATION. 200 AMP ELECTRICAL PANEL (DEFAULT). ELECTRICAL 			
ADDITIONAL COLD WATER GROUND, REFER TO SLAB INTERFACE PLAN FOR LOCATION. REFER TO SLAB	ADDITIONAL COLD NATER GROUND. REFER TO SLAB INTERFACE PLAN FOR LOCATION. 5. 200 AMP ELECTRICAL PANEL (DEFAULT). ELECTRICAL			SPEC. LEVEL 1
Riteron Doking	5. 200 AMP ELECTRICAL PANEL (DEFAULT). ELECTRICAL	ADD	ITIONAL COLD WATER GROUND, REFER TO SLAB	PALEICU.DIIDUAI
		5. 200	AMP ELECTRICAL PANEL (DEFAULT). ELECTRICAL	
		PLAN	N CHECK PERMIT REQUIRED IF LOAD EXCEED 400	40' SERIES

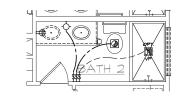




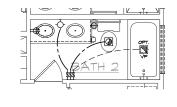
BEDROOM 4



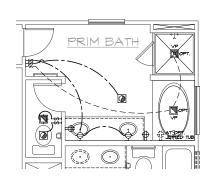
SHOWER M/ SEAT I.L.O. TUB





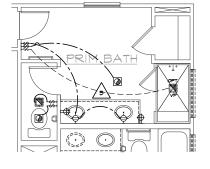


VANITY W/ DUAL SINKS





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DELUXE PRIM BATH

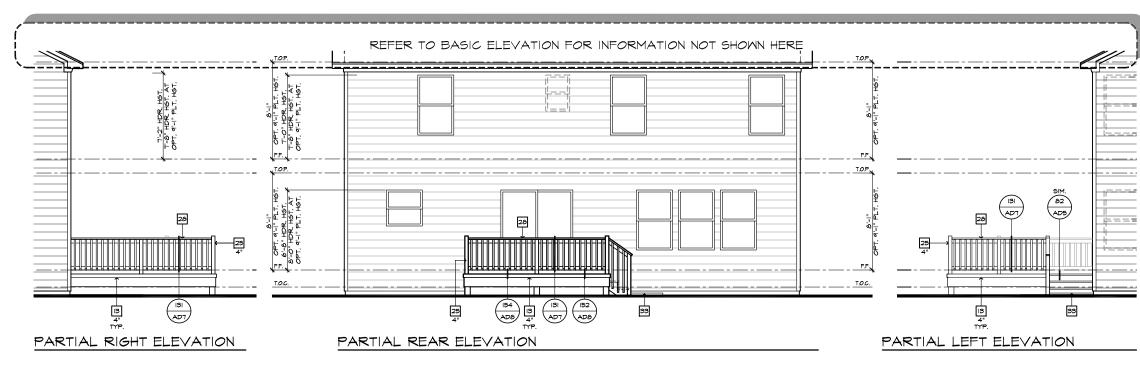


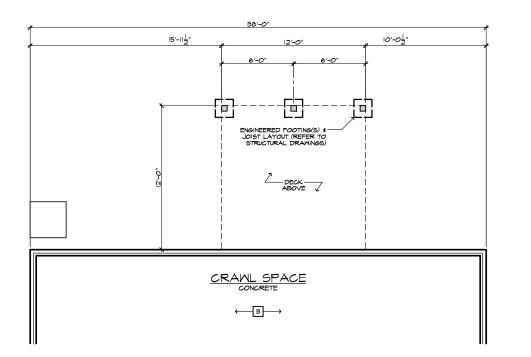
SECOND FLOOR UTILITY PLAN OPTIONS 56ALE 1/4"=1'-0" (22"X84") - 1/6"=1'-0" (11"X1T")

AT LOFT

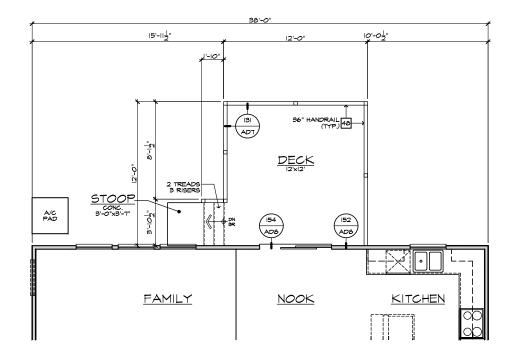
~	UTILITY LEGEND	
÷	ARC FAULT(AFCI) AND TAMPER RESISTANT(TR) 12" ABV. FIN. FLR. TYPICAL U.N.O.	a
	I 120y (TR) RECEPTACLE W/ GFI CIRCUIT	
r∰ MP	W/ WATER RESISTANT HOUSING	
⊫⊖ e=। ⊫⊕	120V (TR) RECEPTACLE W/ GFI CIRCUIT	
ዏ	FUSED DISCONNECT	
	120V (AFCI & TR) RECESSED FLOOR	I HOME
\odot	RECEPTACLE W COVER	-
•	1207 (AFCI & TR) DUPLEX CONVENIENCE RECEPTACLE SWITCH CONTROLLED, 1/2 HOT	p
	220V SINGLE CONVENIENCE RECEPTACLE	
i€ 220 v	HEIGHT NOTED AS PER PLAN	
⊦ 69-	TWO-POLE LIGHT SWITCH AT 42" ABV. FIN. FLR. 8" ABOVE COUNTER U.N.O.	
⊬ () 3	THREE-POLE LIGHT SWITCH	
⊷ 4	FOUR-POLE LIGHT SWITCH	Harnett
ю́- м.р.	WALL MOUNTED LIGHT FIXTURE	
· · · ·	W/ WATER RESISTANT HOUSING	A
φ	WALL MOUNTED INCANDESCENT LIGHT FIXTURE	
÷	WALL MOUNTED FLUORESCENT	
	LIGHT FIXTURE	
¢	CEILING MOUNTED INCANDESCENT LIGHT FIXTURE	
¢-	CEILING MOUNTED FLUORESCENT	NODTU CADOUTA
		NORTH CAROLIN
¤	HANGING INCANDESCENT LIGHT FIXTURE	40' SERIES
D		
¢.	LIGHT FIXTURE (EYE BALL)	KB HOME NORTH CAROLINA DIVISIO
	RECESSED INCANDESCENT LIGHT FIXTURE LIGHTING - TRAVERSE II LED FIXTURE - PER	
	SPECS	4506 S. MIAMI BLVD.
ф м.р.	RECESSED INCANDESCENT LIGHT FIXTURE W/ WATER RESISTANT HOUSING	SUITE 180
Þ	RECESSED FLUORESCENT LIGHT FIXTURE	DURHAM, NC 27703
O	RECESSED EXHAUST FAN	■ TEL: (919) 768-7980 FAX: (919) 544-2928
8	RECESSED EXHAUST FAN/ INCANDESCENT	FAA. (919) 044-2928
_	LIGHT COMBINATION	
O	RECESSED EXHAUST FAN/ FLUORESCENT LIGHT COMBINATION	
)	INCANDESCENT WALL SCONCE	
]	ILLUMINATED ADDRESS SIGN - VISIBLE	2018 NORTH
- 	FROM STREET	CAROLINA STAT
	24"×48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)	BUILDING
		CODES
∐¦	12"x48" FLUORESCENT LIGHT	
Ϊį.	BOX (CEILING MOUNTED)	
	OPTIONAL PRE-WIRED CEILING FAN	
e Q	AND SWITCH - LOCATED IN CENTER OF ROOM U.N.O.	
-	CEILING MOUNTED JUNCTION BOX	
-0	WALL MOUNTED JUNCTION BOX	
	DOOR CHIME	ISSUE DATE: 01/08/15
ty		PROJECT No.: 1350999:56
-®	PUSH BUTTON	DIVISION MGR.: DS
- 4 ⊓	PHONE OUTLET	REVISIONS: 12/17/21
		$\wedge \text{Division revisions}$
+ нв - // ив		INCI9057NCP - 09/26/19 - DCS
-# нв ⇒ см		DIVISION REVISIONS
+ см	WATER STUB FOR ICE MAKER APPROVED CEILING MOUNTED	■ <u>13</u> NC20003NCP · 12/12/19 · CL
9	SMOKE DETECTOR TO BE HARD WIRED WITH BATTERY BACK-UP AND INTERCONNECTED	VENTILATION NC20008NCP - 01/17/20- CL
⊗	APPROVED CARBON MONOXIDE ALARM/ SMOKE DET.	
-0	THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN)	15 NC20013NCP · 02/10/20- MCP
•	GAS TAP	DIVISION REVISION
	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA,	16 NC20017NCP - 03/04/20- KBA
X	LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48" FROM GAS OUTLET	HOME OFFICE CORP20003CORP-08/20/20-CTI
<i></i>		ADD NOTE TO TS
RC	NITCHING FOR 24" MIN. SEPERATION DMMS W/ CLG. FAN OF ELECTRICAL BOXES TIONS AS SHOWN BELOW	18 NC20037NCP - 10/06/20 - KBA
-IGHT / F		B DIVISION REQ. REVISION NC21005NCP - 01/06/21 - KBA FOR INTERNAL USE ONLY
½ HO		REVIEWED BY:
		DIVISION REQ. REVISION 20 NC21032NCP · 05/19/21 · KBA
		ADD DECK OPTION
SECC	NDARY MASTER GARAGE	21 NC21056NCP - 12/17/21 - CTD
	NOTES	
. MEC	HANICAL, ELECTRICAL AND PLUMBING SYSTEMS ARE WN FOR INTENT ONLY. THESE SYSTEMS SHALL BE	PLAN:
SHO	WN FOR INTENT ONLY. THESE SYSTEMS SHALL BE INEERED BY OTHERS. THE CONTRACTOR SHALL BE PONSIBLE FOR PROPER INSTALLATION AND	238.2338-R
PLA	CEMENT. ALL HEIGHTS SHOWN ARE TO CENTERLINE	SHEET:
OF F	FIXTURE.	
2. PRO REC	VIDE SMITCH, LIGHT, 1207 (AFCI & TR) DUPLEX EPTACLE, & FUEL GAS STUB OR 2207 RECEPTACLE TTIC FOR F.A.U PER COMMINITY SPECIFICATIONS.	5.4
3. SMO BE	KE DETECTORS IN ROOMS WITH VOLUME CEILING TO LOCATED AT HIGHEST POINT OF CEILING	SPEC. LEVEL 1
4. 20 F	FOOT #4 REBAR FOR UFER GROUND AND	
4. 20 F ADD	-OOI #4 REBAR FOR UFER GROUND AND JITIONAL COLD WATER GROUND, REFER TO SLAB RFACE PLAN FOR LOCATION.	RALEIGH-DURHA
4. 20 F ADD INTE 5. 200	NTIONAL COLD WATER GROUND. REFER TO SLAB RFACE PLAN FOR LOCATION. 2 AMP ELECTRICAL PANEL (DEFAULT). ELECTRICAL	RALEIGH-DURHA
4. 20 F ADD INTE 5. 200	ITIONAL COLD WATER GROUND. REFER TO SLAB RFACE PLAN FOR LOCATION.) AMP ELECTRICAL PANEL (DEFAULT). ELECTRICAL N CHECK PERMIT REQUIRED IF LOAD EXCEED 400	RALEIGH-DURHA 40' SERIES

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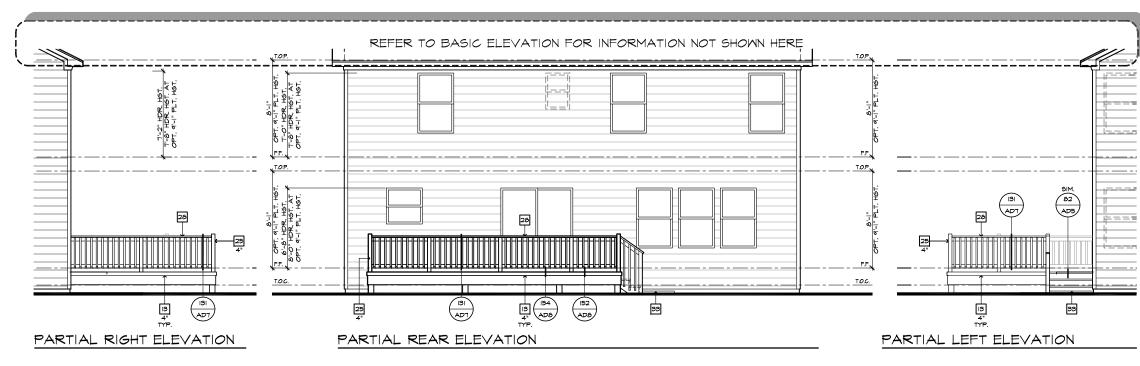


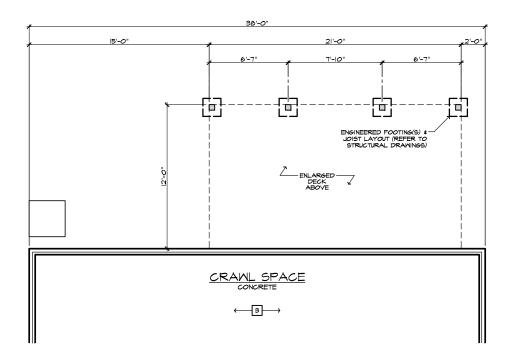


PARTIAL FIRST FLOOR PLAN

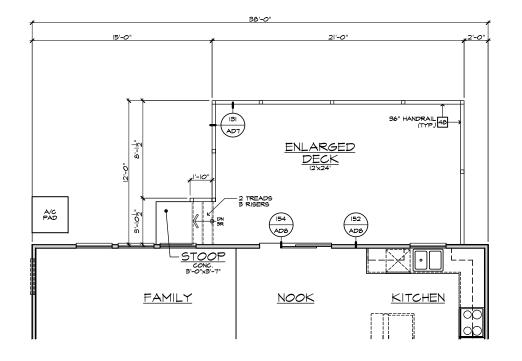
DECK 'A/B/C/D' AT CRAWL SPACE SCALE I/4"=I'-0" (22"X34") - I/8"=I'-0" (II"XI7")

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Nor	ELEVATION NOTES 200 NG-R E: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES	P
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP	
3. 4.	G.I. FLASHING G.I. FLASHING & SADDLE/CRICKET	
4. 5.	G.I. DRIP SCREED	
6.	24"x24" CHIMNEY	
7.		
8. 9.	DECORATIVE CORBEL DECORATIVE SHUTTERS	
10.	PEDIMENT. SEE ELEVATION FOR TYPE	a de la constante de la consta
П.	RECESSED ELEMENT	•
12. 13.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE TRIM PER SPEC- SEE ELEVATION FOR SIZE	
15. 14.	EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)	
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.	
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	
17.	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS	H Sciunty
18.	STONE VENEER PER SPECS BRICK/MAGONRY VENEER PER SPECS	
14.	DRICK/MADURET VEREER FER SFECS	MASTER SET
	BUILT UP BRICK COLUMN	
	SOLDIER COURSE ROWLOCK COURSE	
	FRIEZE BOARD	
	FIBER-CEMENT SIDING PER SPECS	
	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE PRE-FAB DECORATIVE TRIM	
	LIGHT WEIGHT PRECAST STONE TRIM	NORTH CAROLINA
28.	P.T. LUMBER RAILINGS (+36" U.N.O.)	40' SERIES
	FIBER-CEMENT SMOOTH BOARD SEE SPECS	L TV DERIES
30.	DECORATIVE WINDOWDOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	кв номе
	BRACKET OR KICKER - FYPHON OR EQ.	NORTH CAROLINA DIVISION
	ENTRY DOOR CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4506 S. MIAMI BLVD.
	SECTIONAL GARAGE DOOR PER SPECS	■ SUITE 180
35.	ALUMINUM WRAP	DURHAM, NC 27703
	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	■ TEL: (919) 768-7980
	OPTIONAL STANDING SEAM METAL ROOF KEYSTONE	FAX: (919) 544-2928
	SOLDIER CROWN	
	JACK SOLDIER COURSE	
	WATER TABLE ATRIUM DOOR	
43.		2018 NOPTU
#	PARTIAL PLAN NOTES	2018 NORTH
NQI	E. NOT ALL KEY NOTES APPLY. WATER HEATER LOCATION - FOR GAS - LOCATE ON 10° HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS) MATER HEATER BY VENT TO OUTSIDE AIR WAIN LINE SUPLOFF VALVE AND TEMP. & PRESSURE RELIEF	CAROLINA STATI
21.	PLATER HEATER LOCATION: - FOR GAS - LOCATE ON 10 HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAIL S)	
28. 29	MATER HEATER 'B' VENT TO OUTSIDE AIR	BUILDING
39.		8 8 8 8
41. 42.	LINE OF FLOOR ABOVE	CODES
48:	MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) A/C PAD LOCATION	
51. 52.	LOW WALL - REFER TO PLAN FOR HEIGHT 2x6 STUD WALL	
54. 55.	DBL. 2x4 WALL PER PLAN INTERIOR SHELF - REFER TO PLAN FOR HEIGHT	
57. 58.	FLAT SOFFIT ARCHED SOFFIT	
60. 61.	OPT. DOOR/ WINDOW PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
62.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) PYPON OR EQ. SURROUNDING STRUCTURAL POST. BRICK / STONE VENEER - REFER TO ELEVATIONS SECTIONAL GARAGE DOOR PER SPECS SECTIONAL GARAGE DUED PIE BOLLARD 24" HIGH WITH	
63. 66.	SECTIONAL GARAGE DOOR PER SPECS 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.	
	(NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR	
	APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).	
70.	P.T. POST W WRAP. EGRESS MINDOM	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56
75.	MINDOM LEDGE. HEIGHT & MIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(S) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	
76. 77.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR	DIVISION MGR.: DS
	51/5	REVISIONS: 12/17/21
		DIVISION REVISIONS 12 DIVISION REVISIONS NC19057NCP - 09/26/19 - DCS
_		
#	FOUNDATION PLAN NOTES	B 13 DIVISION REVISIONS NC20003NCP · 12/12/19 · CL
NO	E: NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE	
		VENTILATION
١.	I/4" PER FT. MIN.	WENTILATION NC20008NCP - 01/17/20- CL
ı. 2.	1/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER.	■ <u>/14</u> NC20008NCP - 01/17/20- CL
	I/4" PER FT. MIN.	■ <u>14</u> NC20004NCP · 01/17/20- CL DIVISION REVISION NC20013NCP · 02/10/20- MCP
2. 3. 4.	1/4° PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8° PER. 1°-0° MIN. TOWARD DOOR OPENING. FOUNDATION PER STRUCTURAL. STAIR LANDING: 36°X36° MIN.	■ <u>/14</u> NC20008NCP - 01/17/20- CL
2. 3.	1/4° PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8° PER. 1-0° MIN. TOMARD DOOR OPENING. FOUNDATION PER STRUCTURAL.	A C20000NCP - 01/17/20- CL DIVISION REVISION C2000JNCP - 02/10/20- MCP DIVISION REVISION DIVISION REVISION HOME OFFICE
2. 3. 4.	1/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/6" PER. 1-0" MIN. TOWARD DOOR OPENING. FOUNDATION PER STRUCTURAL. STAIR LANDING: 36"x36" MIN. CONCRETE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY	▲ 14 NC20009NCP - 0J/1720- CL DIVISION REVISION DIVISION REVISION DIVISION REVISION DIVISION REVISION MC20017NCP - 03/04/20- KBA
2. 3. 4. 5.	1/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1-0" MIN. TOWARD DOOR OPENING. FOUNDATION PER STRUCTURAL. STAIR LANDING: 36*336" MIN. CONCRETE DRIVEMAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.	AD NOTE TO TS
2. 3. 4. 5. 6.	1/4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1'-0" MIN. TOWARD DOOR OPENING. FOUNDATION PER STRUCTURAL. STAIR LANDING: 36'x36" MIN. CONCRETE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE UNDER FLOOR VENTILATION 4" TOE KICK FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH	
2. 3. 4. 5. 6. 7. 8.	1/4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1'-0" MIN. TOWARD DOOR OPENING. FOUNDATION PER STRUCTURAL. STAIR LANDING. 36'-36' MIN. CONCRETE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE UNDER FLOOR VENTILATION 4" TOE KICK FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.	ADD NOTE TO TS ADD NOTE TO TS
2. 3. 4. 5. 6. 7.	1/4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1'-0" MIN. TOWARD DOOR OPENING. FOUNDATION PER STRUCTURAL. STAIR LANDING: 36'x36" MIN. CONCRETE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE UNDER FLOOR VENTILATION 4" TOE KICK FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH	AC20009NCP - 0J17/20- CL DIVISION REVISION DIVISION REVISION DIVISION REVISION MC20017NCP - 03/04/20- KBA HOME OFFICE TT CORP20093CORP-04/20/20-CTD ADD NOTE TO TS ADD NOTE TO TS DIVISION REQ. REVISION DIVISION REQ. REVISION DIVISION REQ. REVISION CC00057NCP - 04/06/20 - KBA DIVISION REQ. REVISION RC20057NCP - 04/06/20 - KBA CC0057NCP - 04/06/20 - KBA
2. 3. 4. 5. 6. 7. 8.	1/4* PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1-0" MIN. TOWARD DOOR OPENING. FOUNDATION PER STRUCTURAL. STAIR LANDING. 36*X36" MIN. CONCRETE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE UNDER FLOOR VENTILATION 4" TOE KICK FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITT MIN. 12" EMPEDIMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.	ALA NC2000NCP - 0J17/20- CL DIVISION REVISION DIVISION REVISION MCP DIVISION REVISION ALD NC2001NCP - 03/04/20- KBA HOME OFFICE HOME OFFICE DIVISION REVISION ADD NOTE TO TS HIM CO082NOP-04/20/20-CTD DIVISION REQ. EEVISION DIVISION LEG OL:
2. 3. 4. 5. 6. 7. 8. 9.	1/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1"-0" MIN. TOWARD DOOR OPENING. FOUNDATION PER STRUCTURAL. STAIR LANDING. 36":X36" MIN. CONCRETE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE UNDER FLOOR VENTILATION 4" TOE KICK FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.	AL NC2000NCP - 0J17/20- CL DIVISION REVISION DIVISION REVISION DIVISION REVISION DIVISION REVISION DIVISION REVISION HOME OFFICE Tr CORP20003CORP-04/20/20-CTD ADD NOTE TO TS ADD NOTE TO TS ADD NOTE TO TS DIVISION REQ REVISION ADD DECK OPTION
2. 3.4.5. 6. 7.8. 9. 10. 11.12.	1/4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1'-0" MIN. TOWARD DOOR OPENING. FOUNDATION PER STRUCTURAL. STAIR LANDING: 36'X36" MIN. CONCRETE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE UNDER FLOOR VENTILATION 4" TOE KICK FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL 4" MIN. T 3/4" MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION.	AC20000NCP - 0J/1720- CL DIVISION REVISION DIVISION REVISION DIVISION REVISION AC2001NCP - 0J/0/20- KBA HOME OFFICE ADD NOTE TO TF IN AC2007NCP - 10/06/20 - KBA DIVISION RED, REVISION ADD NOTE TO TF IN AC2007NCP - 10/06/20 - KBA DIVISION RED, REVISION DIVISION RED, REVISION DIVISION RED, REVISION
2. 3.4.5.6.7.8. 9. 10. 11.12.13.	 1/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1'-0" MIN. TOWARD DOOR OPENING. FOUNDATION PER STRUCTURAL. STAIR LANDING. 36" 356" MIN. CONCRETE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE UNDER FLOOR VENTILATION 4" TOE KICK FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAMINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL. 4" MIN. T 3/4" MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION. CRAVL SPACE ACCESS 	ALA NC20000NCP - 0J17/20- CL DIVISION REVISION IS NC200INCP - 02/0/20- MCP DIVISION REVISION ACOUTINCP - 03/0/20- KBA HOME OFFICE ADD NOTE TO TS IN NC200STACP - 10/06/20 - KBA ADD NOTE TO TS IN NC200STACP - 10/06/20 - KBA ADD NOTE TO TS IN NC200STACP - 01/06/21 - KBA SOUTING - 01/06/21 - KBA ADD NOTE TO TS IN NC2105STACP - 01/06/21 - KBA SOUTING - 01/06/21 - KBA ADD NOTE TO TS INCLUSENCE - 01/07/21 - KBA ADD DECK OFTION ADD DECK OFTION ADD DECK OFTION ADD DECK OFTION
2. 3.4.5. 6. 7.8. 9. 10. 11. 12.	1/4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1'-0" MIN. TOWARD DOOR OPENING. FOUNDATION PER STRUCTURAL. STAIR LANDING: 36'X36" MIN. CONCRETE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE UNDER FLOOR VENTILATION 4" TOE KICK FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL 4" MIN. T 3/4" MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION.	ALA NC2000NCP - 0J17/20- CL DIVISION REVISION DIVISION REVISION DIVISION REVISION AC2001NCP - 0J/04/20- KBA HOME OFFICE CORP200350CR-04/20/20-CTD ADD NOTE TO TF IL NC2005NCP - 0J/04/20- KBA DIVISION REO. REVISION DIVISION REVISION DIVIS
2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14.	1/4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8' PER. 1'-0' MIN. TOWARD DOOR OPENING. FOUNDATION PER STRUCTURAL. STAIR LANDING. 36'X36' MIN. CONCRETE DRIVENAY SLOPE 1/4' PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE UNDER FLOOR VENTILATION 4'' TOE KICK FOR MASONRY VENEER. 9' DIAMETER CONCRETE FILLED PIPE BOLLARD 36'' HIGH WITH MIN. 12' EMPEDIMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL 4'' MIN. T 3/4'' MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION. CRAWL SPACE ACCESS 36'' WIDE WALKWAY- SLOPE 1/4'' PER FT. MIN.	ALA NC20000NCP - 0J17/20- CL DIVISION REVISION DIVISION REVISION DIVISION REVISION Home office TO CORPORE OFFICE DIVISION REVISION HOME OFFICE DIVISION REVISION DIVISION REVISION DIVISION REVISION DIVISION REVISION DIVISION REVISION DIVISION REVISION DIVISION REOL REVISION DIVISION REVISION DIVISION REOL REVISION DIVISION
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2 3 4 5 6 7 8 9 0 II 2 3 4 I	1/4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8' PER. 1'-0' MIN. TOWARD DOOR OPENING. FOUNDATION PER STRUCTURAL. STAIR LANDING. 36':X36' MIN. CONCRETE DRIVENAY SLOPE 1/4' PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE UNDER FLOOR VENTILATION 4'' TOE KICK FOR MASONRY VENEER 9'' DIAMETER CONCRETE FILLED PIPE BOLLARD 36'' HIGH WITH MIN. 12' EMPEDIMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL 4'' MIN. T 3/4'' MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION. CRAVIL SPACE ACCESS 8'' WIDE WALKWAY- SLOPE 1/4'' PER FT. MIN.	ALA NC20000NCP - 0J17/20- CL DIVISION REVISION DIVISION REVISION DIVISION REVISION Home office TO CORPORE OFFICE DIVISION REVISION HOME OFFICE DIVISION REVISION DIVISION REVISION DIVISION REVISION DIVISION REVISION DIVISION REVISION DIVISION REVISION DIVISION REOL REVISION DIVISION REVISION DIVISION REOL REVISION DIVISION
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2. 3. 4. 5. 6. 7. 8. 9. 9. 1. 12 13 4. 2 14 2 14 2 19 14	1/4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8' PER. 1'-0' MIN. TOWARD DOOR OPENING. FOUNDATION PER STRUCTURAL. STAIR LANDING. 36'X36' MIN. CONCRETE DRIVENAY SLOPE 1/4' PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE UNDER FLOOR VENTILATION 4'' TOE KICK FOR MASORRY VENEER. 3'' DIAMETER CONCRETE FILLED PIPE BOLLARD 36'' HIGH WITH MIN. 12' EMBEDYENT INTO CONCRETE. REFER TO GIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL. 4'' MIN. 7 3/4'' MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION. CRAVL SPACE IS TO BE CONDITIONED PER NC-R SECTION 56' WIDE WALKWAY- SLOPE 1/4'' PER FT. MIN. ELEVATION SURFACE. CRAVL SPACE IS TO BE CONDITIONED PER NC-R SECTION R SECTION R409(2.) ELEVATION FOR INFORMATION NOT WIN HERE ELEVATIONS FOR INFORMATION NOT	ALA NC20000NCP - 0J17/20- CL DIVISION REVISION MC2001NCF - 0J10/20- MCP MC2001NCF - 0J10/20- KBA HOME OFFICE CORP20003CORP-04/20/20-CTD ADD NOTE TO TF ADD NOTE TO TF MC20007NCP - 0J00/20 - KBA DIVISION REQ REVISION MC20007NCP - 0J00/21 - KBA DIVISION REQ REVISION MC20002NCF - 0J00/21 - KBA MC2002NCF - 0J00/21 - KBA MC2002NCF - 0J00/21 - KBA MC2002NCF - 0J00/21 - KBA MC2002NCF - 0J00/21 - KBA MC2005NCF - 0J
2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 4. 21. 14. 14. 14. 14. 14. 14. 14. 14. 14. 1	1/4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8' PER. 1'-0' MIN. TOWARD DOOR OPENING. FOUNDATION PER STRUCTURAL. STAIR LANDING. 36':36' MIN. CONCRETE DRIVENAY SLOPE 1/4' PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE UNDER FLOOR VENTILATION 4'' TOE KICK FOR MASONRY VENEER. 3' DIAMETER CONCRETE FILLED PIPE BOLLARD 36'' HIGH MITH MIN. 12' MOEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL. 4'' MIN. 7 3/4'' MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION. CRAML SPACE ACCESS 36'' WIDE WALKWAY- SLOPE 1/4'' PER FT. MIN. ELEVATIONS. CLARL SPACE IS TO BE CONDITIONED PER NC-R SECTION CLARL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER R SECTION RAOI 2. ELEVATIONS. ELEVATIONS. CAPIL SPACE ALL SPACE MORE RETARDER (BARRIER) IS TO BE PER R SECTION RAOI 2. ELEVATIONS. ELEVATIONS.	14 NC20000NCP - 0J17/20- CL 15 DIVISION REVISION 15 NC2001NCP - 0J/0/20- MCP 16 NC2001NCP - 0J/0/20- KBA 17 RORZOUTNCP - 0J/0/20- KBA 18 NC2002NCP - 0J/0/20- KBA 19 NC2005NCP - 0J/0/20- KBA 10 NC2005NCP - 0J/0/20- KBA 10 NC2005NCP - 0J/0/20- KBA 10 NC2005NCP - 0J/0/21- KBA 10 NC2005NCP - 0J/0/21- KBA 10 NC2005NCP - 0J/0/21- KBA 20 NC2005NCP - 0J/0/21- KBA 10 NC2005NCP - 0J/0/21- KBA 20 NC2005NCP - 0J/0/21- KBA 21 NC2005NCP - 12/0/21- CTD 6 NC2005NCP - 12/0/21- CTD 6 SHEET: 7.1 SPEC. LEVEL 1 8 SHEET: 7.1 SPEC. LEVEL 1 8 RALEIGH-DURHAN
2. 3. 4. 5. 6. 7. 8. 9. 9. 1. 12 13 4. 2 14 2 14 2 19 14	1/4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8' PER. 1'-0' MIN. TOWARD DOOR OPENING. FOUNDATION PER STRUCTURAL. STAIR LANDING. 36'X36' MIN. CONCRETE DRIVENAY SLOPE 1/4' PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE UNDER FLOOR VENTILATION 4'' TOE KICK FOR MASORRY VENEER. 3'' DIAMETER CONCRETE FILLED PIPE BOLLARD 36'' HIGH WITH MIN. 12' EMBEDYENT INTO CONCRETE. REFER TO GIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL. 4'' MIN. 7 3/4'' MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION. CRAVL SPACE IS TO BE CONDITIONED PER NC-R SECTION 56' WIDE WALKWAY- SLOPE 1/4'' PER FT. MIN. ELEVATION SURFACE. CRAVL SPACE IS TO BE CONDITIONED PER NC-R SECTION R SECTION R409(2.) ELEVATION FOR INFORMATION NOT WIN HERE ELEVATIONS FOR INFORMATION NOT	ALA NC20000NCP - 0J17/20- CL DIVISION REVISION MC2001NCF - 0J10/20- MCP MC2001NCF - 0J10/20- KBA HOME OFFICE CORP20003CORP-04/20/20-CTD ADD NOTE TO TF ADD NOTE TO TF MC20007NCP - 0J00/20 - KBA DIVISION REQ REVISION MC20007NCP - 0J00/21 - KBA DIVISION REQ REVISION MC20002NCF - 0J00/21 - KBA MC2002NCF - 0J00/21 - KBA MC2002NCF - 0J00/21 - KBA MC2002NCF - 0J00/21 - KBA MC2002NCF - 0J00/21 - KBA MC2005NCF - 0J









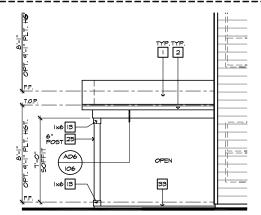
PARTIAL FIRST FLOOR PLAN

EXTENDED ENLARGED DECK 'A/B/C/D' AT CRAWL SPACE

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

#	ELEVATION NOTES		
NOT	E: NOT ALL KEY NOTES APPLY.		1
١.	ROOF MATERIAL - REFER TO ROOF NOTES	· I	L
2. 3.	2X FASCIA/BARGE BOARD WITH FASCIA CAP G.I. FLASHING		
4.	G.I. FLASHING & SADDLE/CRICKET		L
5.	G.I. DRIP SCREED		
6.	24"x24" CHIMNEY		
7. 8.	DECORATIVE VENT DECORATIVE CORBEL	I HOME	
9.	DECORATIVE SHUTTERS	• • • • • • =	
10.	PEDIMENT. SEE ELEVATION FOR TYPE		a
н.	RECESSED ELEMENT	•	
12. 13.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE TRIM PER SPEC- SEE ELEVATION FOR SIZE		
15. 14.	EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)		
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)		
	FYPON OR EQ. SURROUNDING STRUCTURAL POST.		
16. 17.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS	Harnett	
18.	STONE VENEER PER SPECS		
19.	BRICK/MASONRY VENEER PER SPECS	MASTER SET	
20.	BUILT UP BRICK COLUMN		
	SOLDIER COURSE		
	ROWLOCK COURSE		
	FRIEZE BOARD		
	FIBER-CEMENT SIDING PER SPECS P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE		
	P.I. POST W WRAP - SEE STRUCTURAL FOR SIZE PRE-FAB DECORATIVE TRIM	NODTU CADATT	N
	LIGHT WEIGHT PRECAST STONE TRIM	NORTH CAROLI	
28.	P.T. LUMBER RAILINGS (+36" U.N.O.)	40' SERIES	1
	FIBER-CEMENT SMOOTH BOARD SEE SPECS	TV DERIES	,
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	KB HOME	
ЗΙ.	BRACKET OR KICKER - FYPHON OR EQ.	NORTH CAROLINA DIVIS	ION
	ENTRY DOOR	P	
	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4506 S. MIAMI BLVD).
	SECTIONAL GARAGE DOOR PER SPECS ALUMINUM WRAP	SUITE 180 DUDUAN NG 20000	
	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703	
37.	OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7980	
	KEYSTONE	FAX: (919) 544-292	d
	SOLDIER CROWN JACK SOLDIER COURSE		
	WATER TABLE		
	ATRIUM DOOR		
43.	PILASTER - SEE ELEVATION FOR TYPE	2018 NORTH	
#	PARTIAL PLAN NOTES		
NOT	E: NOT ALL KEY NOTES APPLY. WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH	CAROLINA STA	TI
	ATTER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PATER HEATER LOCATION - FOR ONE - PROVIDE PAN & PATER HEATER B' VENT TO OUTSIDE AIR MATER HEATER B' VENT TO OUTSIDE AIR MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF		
28. 29.	WATER HEATER 'B' VENT TO OUTSIDE AIR MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	BUILDING	
39.			
41. 42.	LINE OF FLOOR ABOVE	CODES	
18	MIN, 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) A/C PAD LOCATION		
51. 52.	LOW WALL - REFER TO PLAN FOR HEIGHT 2x6 STUD WALL		
54. 55.	DBL. 2x4 WALL PER PLAN INTERIOR SHELF - REFER TO PLAN FOR HEIGHT		
57. 58.	ARCHED SOFFIT		
60. 61	PPT. DOOR/ MINDOW PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)		
61. 62.	PRE-MANUFACTURED DECORATIVE COLUMN (512E, 5EE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. BRICK / STONE VENEER - REFER TO ELEVATIONS		
63.	SECTIONAL GARAGE DOOR PER SPECS		
66.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.		
	(NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL		
68.	TRAVEL PATH). P.T. POST W/ WRAP.	ISSUE DATE: 01/08/2	15
70. 75.	EGRESS WINDOW WINDOW LEDGE HEIGHT & WIDTH OF OPENING TO EXTEND 6"	 PROJECT No.: 1350999: 	
15. 76.	BEYOND WINDOW(S) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE		DS
10. 77.	CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR	REVISIONS: 12/17/2	
		. , ,	
		DIVISION REVISIONS NC19057NCP · 09/26/19 · DC	s
<u> </u>		DIVISION REVISIONS	
#	FOUNDATION PLAN NOTES	B 13 NC20003NCP · 12/12/19 · CL	
<u>NO</u>	<u>E:</u> NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE	VENTILATION	
	I/4" PER FT. MIN.	■ /14 NC20008NCP - 01/17/20- CL	
2.	CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1'-0" MIN, TOWARD DOOR OPENING.	DIVISION REVISION	
з.	FOUNDATION PER STRUCTURAL.	■ 15 NC20013NCP · 02/10/20- MC	£
4.	STAIR LANDING: 36"x36" MIN.	DIVISION REVISION 16 NC20017NCP - 03/04/20- KB.	
5.	CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.		
6.	PROVIDE UNDER FLOOR VENTILATION	17 HOME OFFICE CORP20003CORP-08/20/20-C	TD
7.	A" TOE KICK EOD MAGONIDY VENEED	ADD NOTE TO TS	
т. 8.	4" TOE KICK FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH	18 NC20037NCP - 10/06/20 - K	BA
	WITH MIN. 12" EMBEDMENT INTO CONCRETE.	DIVISION REQ. REVISION	N BA
٩.	REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE	P 19 NC21005NCP - 01/06/21 - K FOR INTERNAL USE ONLY REVIEWED BY:	
10.	ELEVATIONS. VERIFY LOCATION OF PIER FOOTINGS PER	DIVISION REO. REVISIO	N
	STRUCTURAL		øA 🗌
11.	4" MIN. 7 3/4" MAX. TO HARD SURFACE.	ADD DECK OPTION	TD
12. 13.	A/C PAD. VERIFY LOCATION. CRAWL SPACE ACCESS	6	_
14.	36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.	PLAN:	ר
		238.2338-R	
NOT			
R40		SHEET:	·
THE	CRAML SPACE VAPOR RETARDER (BARRIER) IS TO BE PER R SECTION R409.2.	7 .	
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NOT			X
REF	E: ER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT WN HERE	SPEC. LEVEL 12	76\
NOT			
	ER TO BASIC FLOOR PLAN FOR INFORMATION NOT	RALEIGH-DURH	AN
SH	WN HERE		
SHC	WN HERE		
SHC	WN HERE	40' SERIES)

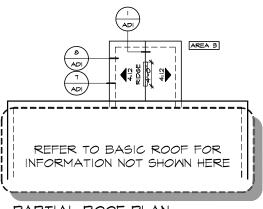
REFER TO BASIC ELEVATION FOR INFORMATION NOT SHOWN HERE



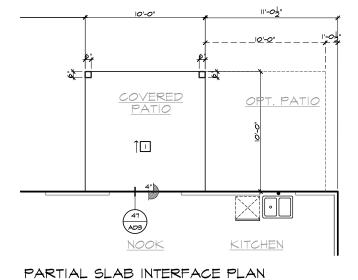


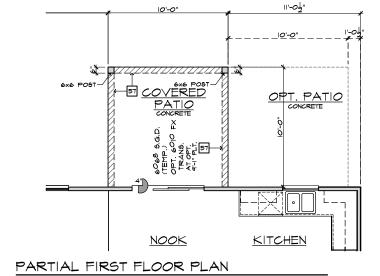
PARTIAL LEFT ELEVATION

ROOF PLAN NOTES		
4:12 INDICATES ROOF SLOPE		
ROOF MATERIAL: COMPOSITION SHINGLE		
12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O.		
12" (INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O.		
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.		
ATTIC VENT CALCULATIONS		
PROVIDE I 90, IN. OF VENTILATION PER 800 50, IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & 10 WORE 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) (2018 NG-R 8062.) # CALCULATION BY UISC, HIGHLOW VENTING NOT RECOURED. APPROXIMATE RIDGE VENT LOCATIONS SHORN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.		
AREA 3 / MAIN W/ COVERED PATIO:		
VENTILATION REQUIRED: ATTIC AREA = 100 50, FT, / 150, 0.67, 50, FT		
X 144 = 96 50. IN		
TOTAL HIGH & LOW = 96 50. IN		
VENTILATION PROVIDED:		
8 LF VENTILATED SOFFIT AT 6.4 SQ. IN. / LF. = 55 SQ. IN		
4 LF RIDGE VENT(S) AT 18 SQ. IN. EA. = 72 SQ. IN		
TOTAL VENTILATION PROVIDED: 127 SQ. IN		





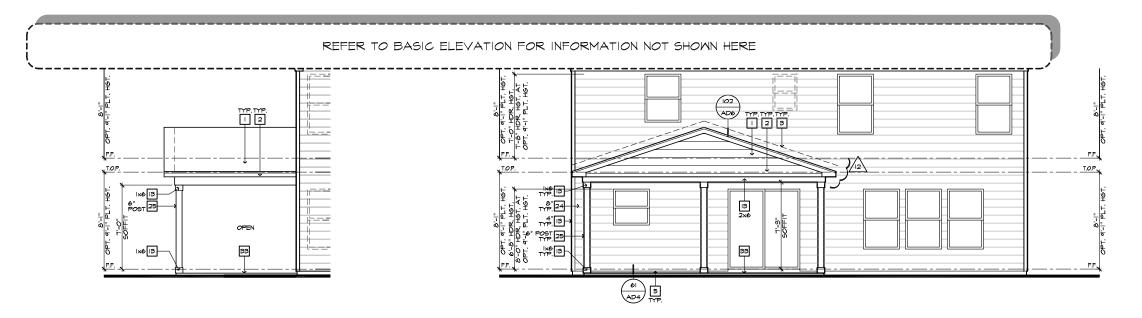




COVERED PATIO AT SLAB ON GRADE

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

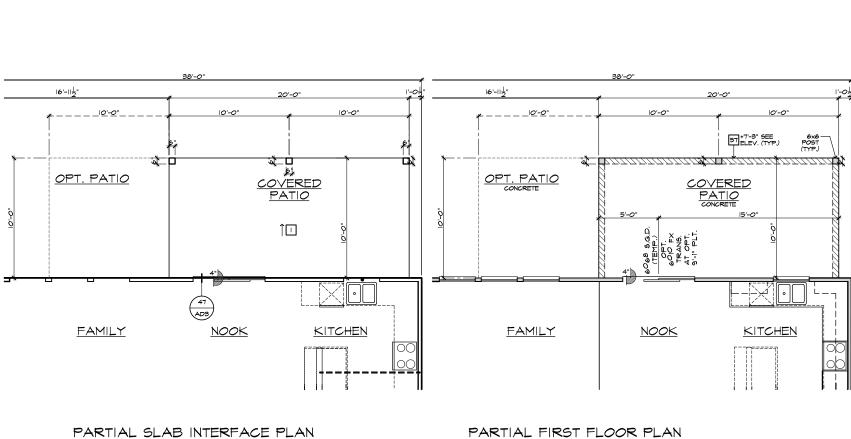
(#)	ELEVATION NOTES	•••••
	NOT ALL KEY NOTES APPLY. ROOF MATERIAL - REFER TO ROOF NOTES	
2. 2	2X FASCIA/BARGE BOARD WITH FASCIA CAP	
	5.1. FLASHING 5.1. FLASHING & SADDLE/CRICKET	
5. 6	5.I. DRIP SCREED	
	24"x24" CHIMNEY DECORATIVE VENT	
8. I	DECORATIVE CORBEL	
	DECORATIVE SHUTTERS PEDIMENT, SEE ELEVATION FOR TYPE	
II. F	RECESSED ELEMENT	v
	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE TRIM PER SPEC- SEE ELEVATION FOR SIZE	
	EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)	
F	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) "YPON OR EQ. SURROUNDING STRUCTURAL POST.	
	DITE-BUILT COLUMN - SEE ELEVATION FOR TYPE FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS	Harnett
	DTONE VENEER PER SPECS	
	BRICK/MASONRY VENEER PER SPECS	
	BUILT UP BRICK COLUMN BOLDIER COURSE	
22. F	ROWLOCK COURSE	
	RIEZE BOARD FIBER-CEMENT SIDING PER SPECS	
	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE	
	RE-FAB DECORATIVE TRIM .IGHT WEIGHT PRECAST STONE TRIM	NORTH CAROLINA
28. F	P.T. LUMBER RAILINGS (+36" U.N.O.)	40' SERIES
	"IBER-CEMENT SMOOTH BOARD SEE SPECS DECORATIVE WINDOWDOOR TRIM - FYPON OR EQ. SEE LEVATION FOR SIZE.	P
	ELEVATION FOR SIZE. BRACKET OR KICKER - FYPHON OR EQ.	KB HOME NORTH CAROLINA DIVISION
32. E	INTRY DOOR	P
34. 9	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. SECTIONAL GARAGE DOOR PER SPECS	4506 S. MIAMI BLVD. SUITE 180
	ALUMINUM WRAP PPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703
37. 0	OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7980
	KEYSTONE SOLDIER CROWN	FAX: (919) 544-2928
40.	JACK SOLDIER COURSE	
	NATER TABLE ATRIUM DOOR	
43. F	PILASTER - SEE ELEVATION FOR TYPE	2018_NORTH
	PARTIAL PLAN NOTES	
27. 1	ATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH "ATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH "LATFORM - FOR INTERIOR LOCATION - PROVIDE PAN 4	CAROLINA STATE
28. K 29. N	ATTER LEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH OTTOP - PROVIDE PAN & DRAIN, REFER TO IDEFINE LOCATION - PROVIDE PAN & WATER HEATER B: VENT TO OUTSIDE AIR ANN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	BUILDING
39.1	ALVE INE OF WALL BELOW	
41 L 42 L 48	ALLY END OFFICIAL PELON INE OF FLOOR ABOVE INE OF FLOOR BELOW INE OF FLOOR BELOW (IN 80 FFLOOR BELOW (IN 80 FFLOOR BELOW)	CODES
50. A 51. L	VC PAD LOCATION OW WALL - REFER TO PLAN FOR HEIGHT	
54. I	2X6 STUD WALL DBL: 2X4 WALL PER PLAN NTERIOR SHELF - REFER TO PLAN FOR HEIGHT	
57. F	NERICK SHELF - REFER TO PLAN FOR HEIGHT "LAT SOFFIT ARCHED SOFFIT	
60. 0	OPT. DOOR/ WINDOW TRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
62. E 63. S	YPON OR EQ. SURROUNDING STRUCTURAL POST. BRICK / STONE VENEER - REFER TO ELEVATIONS	
66. 5	SECTIONAL GARAGE DOOR PER SPECS "DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH HIN. 12" EMBEDMENT INTO CONCRETE. NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR	
	APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL	
68. F	RAVEL PATH). 7. POST W WRAP. GRESS WINDOW	ISSUE DATE: 01/08/15
75 4	NINDOW EDGE HEIGHT & WIDTH OF OPENING TO EXTEND 6"	PROJECT No.: 1350999:56
76. 9 77. 0	BEYOND MINDOW(S) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR NTE	DIVISION MGR.: DS REVISIONS: 12/17/21
#	SLAB PLAN NOTES	•
	INOT ALL KEY NOTES APPLY.	DIVISION REVISIONS NCI9057NCP · 09/26/19 · DCS
L L	CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE /4" PER FT. MIN.	DIVISION REVISIONS NC20003NCP · 12/12/19 · CL
2. d	CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. '-O" MIN. TOWARD DOOR OPENING.	VENTILATION
з. с	CONCRETE FOUNDATION PER STRUCTURAL.	MC20008NCP - 01/17/20- CL
	CONCRETE STOOP: 36"x36" STANDARD SLOPE 1/4" PER FT. MIN. CONCRETE DRIVENAX SLOPE 1/4" PER ET. MIN. ANAX	DIVISION REVISION 15 NC20013NCP - 02/10/20- MCP
F	CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN, AWAY ROM GARAGE DOOR OPENING. DDO (DE LECTRICAL CONDUCTIONED CLARING AT 1/21 AND	
N	ROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.	DIVISION REVISION NC20017NCP - 03/04/20- KBA
8. 5	5" BRICK LEDGE FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH	HOME OFFICE CORP20003CORP-08/20/20-CTD
4. F	NITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE	ADD NOTE TO 'TS' 18 NC20037NCP - 10/06/20 - KBA
E	ELEVATIONS.	
	/ERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE RIOR TO POUR OF SLAB. 4" MIN, 8 1/4" MAX, TO HARD SURFACE.	POR INTERNAL USE ONLY
12. /	A/C PAD. VERIFY LOCATION.	B 20 NC21032NCP - 05/19/21 - KBA
13. 5	36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.	
		21 NC21056NCP . 12/17/21 . CTD 6
		PLAN:
		238.2338-R
NOTE	<u>.</u>	SHEET:
REFE	R TO BASIC ROOF PLAN FOR INFORMATION NOT IN HERE	8.1
	R TO BASIC ELEVATIONS FOR INFORMATION NOT	
SHOP	R TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT IN HERE	SPEC. LEVEL 1
NOTE REFE	i R TO BASIC <u>FLOOR PLAN</u> FOR INFORMATION NOT W HERE	
		RALEIGH-DURHAM
REFE	R TO BASIC <u>SLAB PLAN</u> FOR INFORMATION NOT W HERE	40' SERIES
au^-		



PARTIAL LEFT ELEVATION

ROOF PLAN NOTES INDICATES ROOF SLOPE AND DIRECTION, UNIO. 4:12 INDICATES ROOF SLOPE AND DIRECTION, UNIO. ROOF MATERIAL: COMPOSITION SHINGLE 12' (INCHES) TYPICAL ROOF OVERHANG AT RAKE, UNIO. 12' (INCHES) TYPICAL ROOF OVERHANG AT RAKE ROOF TABOVE SHEAR ROUTLE DATER THAN BOOK OF THE REG. VENTLO FUNTURE ATTAIN PER 2000 50.0. IN OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% 4. NO MORE THAN 80% OF THE REG. VENTLM AREA IS PROVIDED BY VENTLATORS (LOCATED IN THE UPPER PORTION OF THE ATTIC. (HIGH VENTING) LOCATED IN THE UPPER PORTION OF THE ATTIC. (HIGH VENTING) LOCATED IN THE UPPER PORTION OF THE ATTIC. (HIGH VENTING) AT 80.0° ABOVE EAVE VENT INTHE FLAD. NECLUTION DEVISION NOTAL HOR NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN, ACCUL LOCATIONS TO DE DETERMINED IN THE FIELD. AREA 3 / MAIN WE ENTEDED COVERED PATIO. VENTLATED PROVIDED YEATL HORE VENT UNICATIONS SHOWN, ACTUL LOCATIONS TO DE DETERMINED IN THE FIELD. VENTLATED PROVIDED YEATL HORE VENT UNICATION SOURCE, THE SO, IN TOTAL HIGH & LON = 142 50. IN TOTAL H

PARTIAL REAR ELEVATION



PARTIAL ROOF PLAN

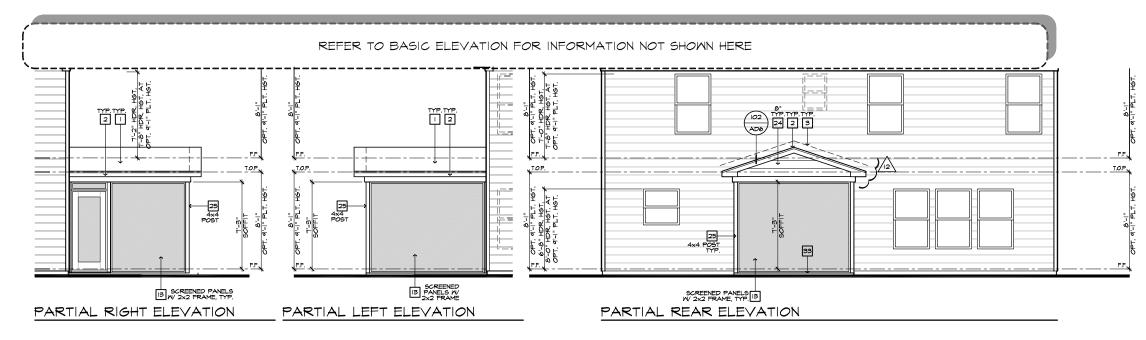
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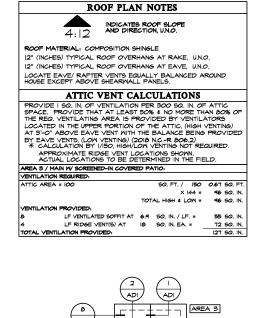
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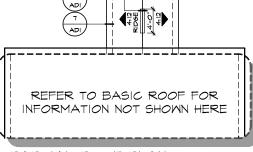
EXTENDED COVERED PATIO AT SLAB ON GRADE

4

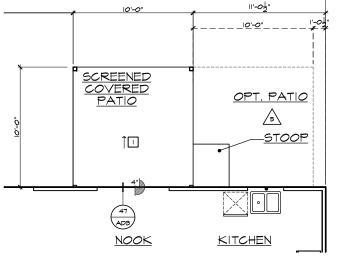
<u>NOT</u> I. 2.	ELEVATION NOTES	
	ELEVATION NOTES 200 KG-R	
	ROOF MATERIAL - REFER TO ROOF NOTES 2X FASCIA/BARGE BOARD WITH FASCIA CAP	
з.	G.I. FLASHING	
4. 5.	G.I. FLASHING & SADDLE/CRICKET G.I. DRIP SCREED	
6.	24"x24" CHIMNEY	
7. 8.	DECORATIVE VENT DECORATIVE CORBEL	
	DECORATIVE SHUTTERS	• • • • • • • • •
10. 11.	PEDIMENT. SEE ELEVATION FOR TYPE RECESSED ELEMENT	, └────
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	
	TRIM PER SPEC- SEE ELEVATION FOR SIZE EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)	
14. 15.	PRE-MANUEACTURED DECORATIVE COLUMN (SIZE SEE ELEV.)	
16.	FYPON OR EQ. SURROUNDING STRUCTURAL POST. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	
17.	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS	Harnett
	STONE VENEER PER SPECS BRICK/MASONRY VENEER PER SPECS	MASTER SET
	BUILT UP BRICK COLUMN	
	SOLDIER COURSE	
	ROWLOCK COURSE FRIEZE BOARD	
	FRIEZE BOARD FIBER-CEMENT SIDING PER SPECS	
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE	
	PRE-FAB DECORATIVE TRIM LIGHT WEIGHT PRECAST STONE TRIM	NORTH CAROLII
28.	P.T. LUMBER RAILINGS (+36" U.N.O.)	40' SERIES
	FIBER-CEMENT SMOOTH BOARD SEE SPECS DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE	P
	ELEVATION FOR SIZE.	KB HOME NORTH CAROLINA DIVISI
32.	BRACKET OR KICKER - FYPHON OR EQ. ENTRY DOOR	•
	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4506 S. MIAMI BLVD.
	SECTIONAL GARAGE DOOR PER SPECS ALUMINUM WRAP	SUITE 180 DUPHAM NC 27703
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703 ■ TEL: (919) 768-7980
	OPTIONAL STANDING SEAM METAL ROOF KEYSTONE	FAX: (919) 544-2928
	SOLDIER CROWN	
	JACK SOLDIER COURSE WATER TABLE	
	ATRIUM DOOR	
	PILASTER - SEE ELEVATION FOR TYPE	2018_NORTH
	PARTIAL PLAN NOTES 200 NG.R.	CAROLINA STA
27.	WITTER HEATER INCLATION - FOR GAS - LOCATE ON 18" HIGH PARTY REFER TO DEFAUS WATER HEATER TO DEFAUS WATER HEATER TO VENT TO OUTSIDE AIR WATER HEATER SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	CAROLINA SIA.
28. 29.	DRAIN. (REFER TO DETAILS) WATER HEATER 'B' VENT TO OUTSIDE AIR MAINI INE GHIT OEE VALVE AND TEMP & REEGUE DELIEE	BUILDING
39.	VALVE LINE OF WALL BELOW	
41. 42.	VALVE LINE OF WALL BELOW LINE OF FLOOR ABOVE LINE OF FLOOR BELOW MIN 38" HIGH (CHARDRAM (REFER TO DETAIL SHEETS)	CODES
48. 50. 51.	LINE OF FLOOR BELOW MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) A/C PAD LOCATION LOW WALL - REFER TO PLAN FOR HEIGHT	* * * * *
52. 54.	2x6 STUD WALL DBL, 2x4 WALL PER PLAN	
55. 57.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT FLAT SOFFIT ABCHED SOFELT	
	OPT DOOR/ WINDOW	
61. 62	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) PYPON OR EQ. SURROUNDING STRUCTURAL POST. BRICK / STONE VENEER - REFER TO ELEVATIONS	
63. 66.	SECTIONAL GARAGE DOOP PER SPECS	
	MIN, 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR	
	APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).	
	P.T. POST W/ WRAP. EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6"	ISSUE DATE: 01/08/1 PROJECT No.: 1350999:5
13.	BEYOND WINDOWS ON ALL SIDES UNO. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB. SLOPE 1/4' PER FT. MIN. SEE PLAN FOR	DIVISION MGR.: D
76	CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR	
76. 77.		
		REVISIONS: 12/17/2
		REVISIONS: 12/17/2
	SLAB PLAN NOTES	REVISIONS: 12/17/2
+ 1 .	E. NOT ALL KEY NOTES APPLY.	■ REVISIONS: 12/17/2 ■ <u>12</u> DIVISION REVISIONS ■ <u>13</u> DIVISION REVISIONS ■ <u>13</u> DIVISION REVISIONS ■ <u>13</u> DIVISION REVISIONS ■ <u>13</u> NC20005NCF + 12/12/15 · CL <u>13</u> VENTILATION
17. #	200 10.15	REVISIONS: 12/17/2 12 DIVISION REVISIONS 12 NCISUSTNCF - 09/26/19 - DCS OLIVISION REVISIONS DIVISION REVISIONS
# NOT	EL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER.	REVISIONS: 12/17/2 12 DIVISION REVISIONS 12 NCS057NCP - 05/26/19 - DCS 13 DIVISION REVISIONS 13 NC20057NCP - 12/12/19 - CL 14 VENTILATION 14 NC20000NCP - 01/17/20 - CL 14 DIVISION REVISION
17. # NOT 1. 2.	EL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4º PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/6º PER. 1-0° MIN. TOWARD DOOR OFENING. CONCRETE FOUNDATION PER STRUCTURAL.	REVISIONS: 12/17/2 12 DIVISION REVISIONS 12 NC30057NCF - 09/26/19 - DCS 13 DIVISION REVISIONS 14 VENTILATION 14 VENTILATION 15 NC20009NCF - 01/17/20- CL 16 DIVISION REVISION 17 NC20009NCF - 01/17/20- CL 16 DIVISION REVISION 17 NC20019NCF - 01/10/20- MCF
17. # NOT 1. 2. 3.	EL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4° PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8° PER. 1-0° MIN. TOWARD DOOR OPENING.	REVISIONS: 12/17/2 12 DIVISION REVISIONS 12 NC9057NCF - 09/26/19 - DCS 13 DIVISION REVISIONS 14 NC20009NCF - 10/17/20 - CL 14 NC20009NCF - 0/17/20 - CL 15 DIVISION REVISION 15 NC20009NCF - 0/17/20 - MCI 16 DIVISION REVISION 16 DIVISION REVISION
# NOT 1. 2. 3. 4.	EL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1-0" MIN. TOWARD DOOR OPENING. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOOP: 36*x36" STANDARD SLOPE 1/4" PER FT. MIN. CONCRETE BYLVENAY SLOPE 1/4" PER FT. MIN. AWAY	REVISIONS: 12/17/2 DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISIONS DIVISION REVISIONS Maintering DIVISION REVISIONS Maintering DIVISION REVISIONS Maintering DIVISION REVISIONS Maintering DIVISION REVISION
# NOT 1. 2. 3. 4. 5.	EL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE //4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE //8" PER. I-O" WIN. TOWARD DOOR OPENING. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE PRIVENAY SLOPE //4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND.	REVISIONS: 12/17/2 12 DIVISION REVISIONS 12 NC9057NCF - 09/26/9 - DCS 13 DIVISION REVISIONS 14 NC20003NCF - 12/17/20 - CL 14 NC20004NCF - 01/17/20 - CL 15 NC20005NCF - 02/10/20 - MCE 16 DIVISION REVISION NC20017NCF - 02/04/20 - KEA 16 DIVISION REVISION NC20017NCF - 03/04/20 - KEA 17 CORF20005CORF-04/20/24-CC 10 HOME OFFICE ADD NOTE TO TF
# NOT 1. 2. 3. 4. 5. 6. 7.	EL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1"0" MIN. TOWARD DOOR OFENING. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE PER FT. MIN. CONCRETE PER FT. MIN. CONCRETE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIPY LCCATION. 5" DRICK LEDDOE FOR MASONRY VENEER.	REVISIONS: 12/17/2 Image: Construct of the second se
# NOT 1. 2. 3. 4. 5. 6. 7.	EL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1-0" MIN. TOWARD DOOR OPENING. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOOP: 36*36" STANDARD SLOPE 1/4" PER FT. MIN. CONCRETE POIVENAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIPL LOCATION.	REVISIONS: 12/17/2 Image: Construct of the state of the sta
# NQT 1. 2. 3. 4. 5. 6. 7.	EL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE //4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I-0" MIN. TOWARD DOOR OPENING. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE PRIVENAY SLOPE I/4" PER FT. MIN. AVAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. YERIPY LOCATION. 5" DRICK LEDGE FOR MASONRY VENEER. 5" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE	REVISIONS: 12/17/2 Image: constraint of the state of the st
# NOT I. 2. 3. 4. 5. 6. 7. 8. 9.	EL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE //4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I'-0" MIN. TOWARD DOOR OPENING. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE PER FT. MIN. CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. FROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5" BRICK LEDGE FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH MITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGG FOR ALL FINISH SURFACE ELEVATIONS.	REVISIONS: 12/17/2 Image: Construction of the second
# NOT I. 2. 3. 4. 5. 6. 7. 8. 9.	EL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4* PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/6* MIN. TONARD DOOR OPENING. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE DRIVENAY SLOPE 1/4* PER FT. MIN. AMAY FROM GARAGE DOOR OPENING. FROM DARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5* DIAMETER CONCRETE FILLED PIPE BOLLARD 56* HIGH MITH MIN. 12* EMEDIMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.	REVISIONS: 12/17/2 REVISIONS: 12/17/2 REVISION REVISIONS 12 12 12 12 12 12 12 12 12 1
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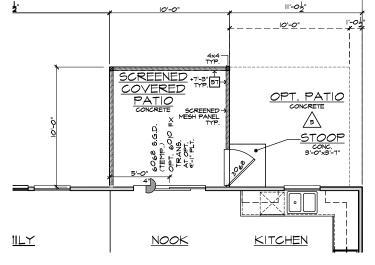








38'-0



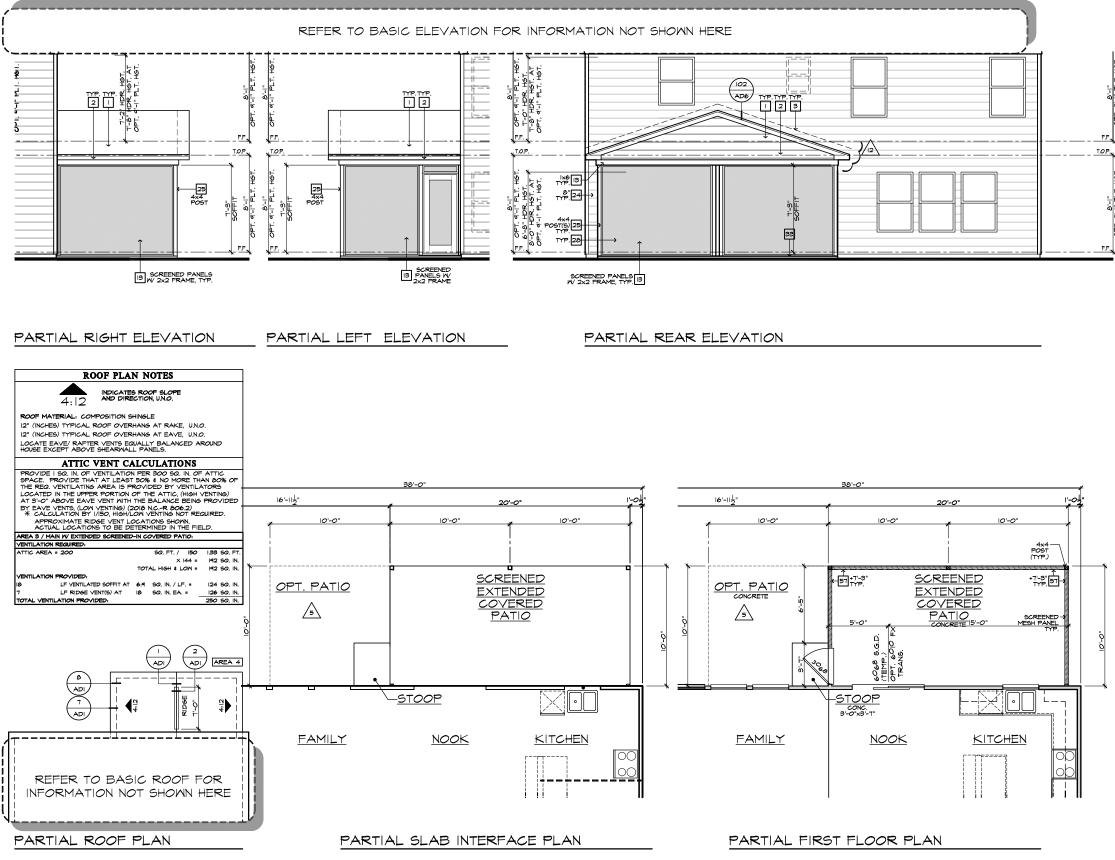
PARTIAL SLAB INTERFACE PLAN

PARTIAL FIRST FLOOR PLAN

38'-0'

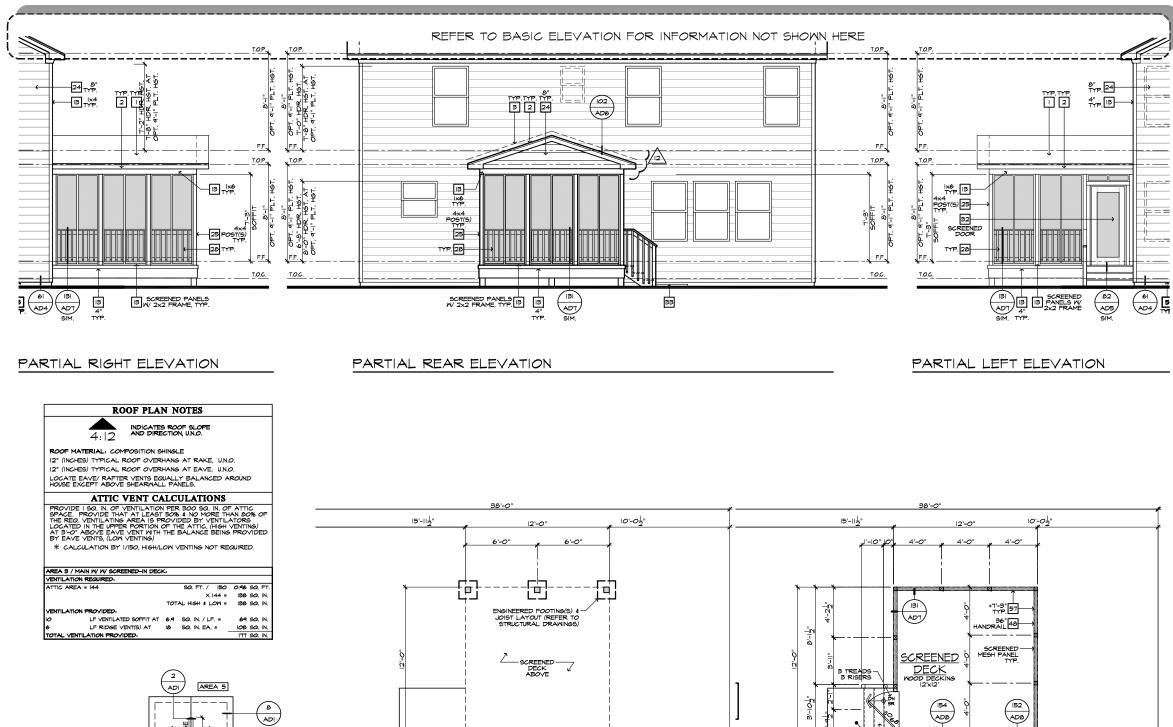
COVERED SCREENED PATIO AT SLAB ON GRADE SCALE 1/4*=1'-0* (22'X34') - 1/8*=1'-0* (11"X1")

#	ELEVATION NOTES	
6	TE: NOT ALL KEY NOTES APPLY. ROOF MATERIAL - REFER TO ROOF NOTES	
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP	
.	G.I. FLASHING	
н.	G.I. FLASHING & SADDLE/CRICKET G.I. DRIP SCREED	
	24"x24" CHIMNEY	. N `N N .
	DECORATIVE VENT	
). I.	DECORATIVE CORBEL DECORATIVE SHUTTERS	
э.	PEDIMENT. SEE ELEVATION FOR TYPE	
	RECESSED ELEMENT	
2. 3.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE TRIM PER SPEC- SEE ELEVATION FOR SIZE	
4.	EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)	
5.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.	
5.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	
	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS	Harnett
3. 7.	STONE VENEER PER SPECS BRICK/MASONRY VENEER PER SPECS	
		01/21/2022
	. BUILT UP BRICK COLUMN SOLDIER COURSE	
	ROWLOCK COURSE	
	FRIEZE BOARD	
	FIBER-CEMENT SIDING PER SPECS	
	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE PRE-FAB DECORATIVE TRIM	
	LIGHT WEIGHT PRECAST STONE TRIM	NORTH CAROLINA
8.	P.T. LUMBER RAILINGS (+36" U.N.O.)	40' SERIES
	FIBER-CEMENT SMOOTH BOARD SEE SPECS	A TV DERIED -
0.	. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	кв номе
	BRACKET OR KICKER - FYPHON OR EQ.	NORTH CAROLINA DIVISION
	ENTRY DOOR CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4506 S. MIAMI BLVD.
	SECTIONAL GARAGE DOOR PER SPECS	■ SUITE 180
85.	ALUMINUM WRAP	DURHAM, NC 27703
	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	TEL: (919) 768-7980
	OPTIONAL STANDING SEAM METAL ROOF KEYSTONE	FAX: (919) 544-2928
	SOLDIER CROWN	
	JACK SOLDIER COURSE	
	WATER TABLE ATRIUM DOOR	
	PILASTER - SEE ELEVATION FOR TYPE	2018 NOPTU
#	PARTIAL PLAN NOTES	2018 NORTH
Ę.	TE. NOT ALL KEY NOTES APPLY	CAROLINA STATE
27.	MATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN, (REFER TO DETAILS) WATER HEATER B' VENT TO OUTSIDE AIR	
28.	DRAIN. (REFER TO DETAILS) WATER HEATER 'B' VENT TO OUTSIDE AIR MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	BUILDING
29. 39.		
41. 42	LINE OF FLOOR ABOVE	CODES
ŝ	. MIN, 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) . A/C PAD LOCATION	
51. 52.	LOW WALL - REFER TO PLAN FOR HEIGHT 2x6 STUD WALL	
54. 55.	DBL. 2x4 WALL PER PLAN INTERIOR SHELF - REFER TO PLAN FOR HEIGHT	
57. 58.	FLAT SOFFIT ARCHED SOFFIT	
50	. OPT. DOOR/ WINDOW PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
52.	FYPON OR EQ. SURROUNDING STRUCTURAL POST.	
3.6	SECTIONAL GARAGE DOOR PER SPECS	
	MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR	
	APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL	
8.	TRAVEL PATH). . P.T. POST W/ WRAP. . EGRESS MINDOW	ISSUE DATE: 01/08/15
15.	WINDOW LEDGE HEIGHT & WIDTH OF OPENING TO EXTEND 6"	PROJECT No.: 1350999:56
16.		DIVISION MGR.: DS
17.	CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE.	REVISIONS: 12/17/21
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		_ /\ DIVISION REVISIONS
		LI2 DIVISION REVISIONS NCI9057NCP · 09/26/19 · DCS
#	SLAB PLAN NOTES	■ <u>/12</u> NCI9057NCP · 09/26/19 · DCS ■
_	SLAB PLAN NOTES	■ <u>/12</u> NCI9957NCP · 09/26/19 · DCS ■ <u>13</u> DIVISION REVISIONS NC20003NCP · 12/12/19 · CL B
0	CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE	■ <u>/12</u> NCI9057NCP · 09/26/19 · DCS ■
0	EL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.	■ <u>/12</u> NCI9957NCP • 09/26/19 • DCS ■ <u>/13</u> DIVISION REVISIONS ■ <u>/13</u> NCI9003NCP • 12/12/19 • CL ■ <u>/14</u> NC20005NCP • 0//1//24 • CL
0	LE NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1-0" MIN. TOWARD DOOR OPENING.	■ 12 NC19057NCP · 09/26/19 · DCS ■ p 13 DIVISION REVISIONS NC20003NCP · 12/12/19 · CL p √ VENTILATION P NC20003NCP · 12/12/19 · CL p
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	CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4* PER FT. MIN. CONCRETE SARAGE SLAB PER STRUCTURAL- SLOPE 1/-0* MIN. TOMARD DOOR OPENING. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL.	▲ 12 NCI9957NCP • 09/26/19 • DCS ▲ DIVISION REVISIONS ▲ DIVISION REVISIONS ▲ VENTILATION ↓ VENTILATION ↓ NC20005NCP • 0/17/20 • CL ▲ DIVISION REVISION ↓ DIVISION REVISION ↓ NC20001NCP • 0/20/20 • MCP ↓ NC20017NCP • 0/300/20 • MCP ↓ NC20017NCP • 0/300/20 • MCP
	CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4* PER FT. MIN. CONCRETE SARAGE SLAB PER STRUCTURAL- SLOPE 1/-0* MIN. TOMARD DOOR OPENING. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL.	
2. 3.	LE NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE //4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I-0" MIN. TOWARD DOOR OPENING. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE STOOP, 36",36" STANDARD SLOPE I/4" PER FT. MIN. CONCRETE DRIVENAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUT INDER SLAB AT ISLAND.	12 NCI9057NCP · 09/26/19 · DCS 13 DIVISION REVISIONS NC20005NCP · 12/12/19 · CL 14 VENTILATION NC20005NCP · 01/17/20 · CL 15 DIVISION REVISION NC20015NCP · 02/10/20 · MCP 16 DIVISION REVISION NC20017NCP · 03/04/20 · EBA 17 CORP2005CORP-08/20/20-CTD
2. 2. 3.	LE NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1-0" MIN. TOWARD DOOR OPENING. CONCRETE STOOP: 36':36" STANDARD SLOPE 1/4" PER FT. MIN. CONCRETE BYVENAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.	12 NCI9057NCP · 09/26/19 · DCS 13 DIVISION REVISIONS NC20005NCP · 12/12/19 · CL 14 VENTILATION NC20005NCP · 01/17/20 · CL 15 DIVISION REVISION NC20015NCP · 02/10/20 · MCP 16 DIVISION REVISION NC20017NCP · 03/04/20 · EBA 16 NC20017NCP · 03/04/20 · EBA 17 CORF20005CORP-06/20/20-CTD
2. 3. 4.	LE NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1'-0' MIN. TOWARD DOOR OPENING. CONCRETE FOOIDATION PER STRUCTURAL. CONCRETE FOOIDATION PER STRUCTURAL. CONCRETE DIVENAY SLOPE 1/4' PER FT. MIN. CONCRETE DRIVENAY SLOPE 1/4' PER FT. MIN. CONCRETE DRIVENAY SLOPE 1/4' PER FT. MIN. CONCRETE DRIVENAY SLOPE 1/4' PER FT. MIN. CONCRETE LECTRICAL CONDUIT UNDER SLAB AT ISLAND. YERIFY LOCATION. 5' DRIVK LEDGE FOR MASONRY VENEER. 3' DIANETE CONCRETE FILLED PIPE BOLLARD 36' HIGH	 <u>12</u> NCISESTNCP · 09/26/19 · DCS <u>33</u> DIVISION REVISIONS CL <u>34</u> VENTILATION <u>44</u> NC2000SNCP · 02/12/19 · CL <u>55</u> DIVISION REVISION <u>65</u> DIVISION REVISION <u>66</u> NC2001SNCP · 03/04/20 · MCP <u>76</u> HOME OFFICE <u>76</u> HOME OFFICE <u>78</u> ADD NOTE TO TF <u>18</u> NC2005INCP · 10/06/20 · KEA <u>71</u> DIVISION RE 0. REVISION <u>718</u> NC2005INCP · 10/06/20 · KEA <u>718</u> NC2005INCP · 10/06/20 · KEA
2. 3. 4. 5.	LE NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/0' MIN. TOMARD DOOR OPENING. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE DRIVENAY SLOPE 1/4' PER FT. MIN. CONCRETE DRIVENAY SLOPE 1/4' PER FT. MIN. STRUCK LEDGE FOR MASONRY VENEER. S' DIAVETER CONCRETE FILLED PIPE BOLLARD 36' HIGH MITH MIN. 12' EMEDDENDENT INTO CONCRETE.	▲ 12 NCISESTNCF • 09/26/19 • DCS ▲ 13 DIVISION REVISIONS cL ▲ 14 NC20003NCF • 12/2/19 • CL ▲ 14 NC20003NCF • 00/17/20 · CL ▲ 14 NC20003NCF • 00/17/20 · CL ▲ 15 DIVISION REVISION ▲ 16 NC20003NCF • 00/06/20 · MCP ▲ 16 NC20003NCF • 00/06/20 · MCP ▲ 16 NC20003NCF • 00/06/20 · CEA ▲ 16 NC20003NCF • 00/06/20 · CEA ▲ 16 NC20003NCF • 00/06/20 · KEA ▲ 16 NC20003NCF • 00/06/20 · KEA ▲ 17 NC20003NCF • 00/06/20 · KEA ▲ 10 NC10003NCF • 00/06/20 · KEA ▲ 10 NC10003NCF • 00/06/20 · KEA
2. 3. 4. 5. 7. 5.	LE NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE (J4') PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I-O" MIN. TOWARD DOOR OFENING. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE PORDATION PER STRUCTURAL. CONCRETE DRIVENAY SLOPE (J4" PER FT. MIN. AWAY FROM GARAGE DOOR OFENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5" DRICK LEDGE FOR MASONRY VENEER 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH MITH MIN. 12" EMEDIMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.	12 NC3057NCP · 09/26/19 · DCS 15 NC2005NCP · 09/26/19 · DCS 16 NC2005NCP · 02/20/20 · CL 16 NC2005NCP · 02/10/20 · MCP 15 NC2005NCP · 02/0/20 · MCP 15 NC2005NCP · 02/0/20 · MCP 16 NC2005NCP · 03/04/20 · KBA 16 NC2005NCP · 03/04/20 · KBA 16 NC2005NCP · 03/04/20 · KBA 17 CORF20095CORP00/20/20 - CTD 18 NC2005NCP · 03/04/20 · KBA 10 NVISION REVISION 10 NC2105NCP · 01/06/20 · KBA 10 NOTE TO TF 11 NC2105NCP · 01/06/20 · KBA 10 NVISION REVISION 10 NC2105NCP · 01/06/20 · KBA 10 NVISION RE0 REVISION 10 NC2105NCP · 01/06/20 · KBA
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	CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE //4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE //4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OFENINS. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5" BRICK LEDGE FOR MASONRY VENEER. 5" DRIVE LEDGE FOR MASONRY VENEER. 5" DRIVELEDGE FOR LENGT	12 NCIGOSTNCP • 09/26/19 • DCS 33 DIVISION REVISIONS CL 44 NC20003NCP • 10/21/20 • CL 44 NC20003NCP • 01/1/20 • CL 45 DIVISION REVISION 66 DIVISION REVISION 66 NC20013NCP • 02/06/20 • MCP 66 NC20013NCP • 02/06/20 • KBA 717 CORF20003CORP-06/20/20-CTD 18 ADD NOTE TO TS* 19 NC20005NCP • 10/06/20 • KBA 10 DIVISION RED REVISION 10 NC2005TNCP • 01/06/20 • KBA 10 NC2005TNCP • 01/06/20 • LBA 11 NC2005TNCP • 01/06/20 • LBA 12 DIVISION RED REVISION 13 NC2005TNCP • 01/06/20 • LBA 14 NC2005TNCP • 01/06/20 • LBA 15 DIVISION RED REVISION 16 NC2005TNCP • 01/06/20 • LBA 17 DIVISION RED REVISION 18 NC2005TNCP • 01/06/20 • LBA 19 DIVISION RED REVISION 20 NC21005TNCP • 01/001
	LE NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE //4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE //4' PIR FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE PRIVENAY SLOPE JUDE //4' PER FT. MIN. CONCRETE DRIVENAY SLOPE //4' PER FT. MIN. AWAY FROM GARAGE DOOR OFENINS. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5' DRICK LEDGE FOR MASONRY VENEER. 5' DIAMETER CONCRETE FILLED PIPE BOLLARD 36' HIGH WITH MIN. 12' EMEDDMENT INTO CONCRETE. REFER TO CONL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE FRIOR TO FOUR OF SLAB. 4' MIN. 8 //4' MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION.	12 NCISOSTNCP · 09/26/19 · DCS 13 DIVISION REVISIONS 14 NC20005NCP · 12/12/19 · CL 15 DIVISION REVISION 14 NC20005NCP · 0/17/20 · CL 15 DIVISION REVISION 16 NC20017NCP · 0/0/20 · MCP 17 HOME OFFICE 18 NC20017NCP · 0/0/20 · KBA 19 NC20017NCP · 0/0/20 · KBA 10 NC2
	LE NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/9' MIN. TOWARD DOOR OFENNG. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE DEVIDENAY SLOPE SLOPE 1/4' PER FT. MIN. CONCRETE DRIVENAY SLOPE 1/4' PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. S' DRICK LEDGE FOR MASONRY VENEER. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 36' HIGH MITH MIN. 12' EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO FOUR OF SLAB. 4' MIN. 8 1/4' MAX. TO HARD SURFACE.	12 NCIGNOTINCP . 09/26/19 . DCS 33 DIVISION REVISIONS CL 44 NC20003NCP . 10/26/20 . CL 44 NC20003NCP . 0/17/26 . CL 45 DIVISION REVISION 66 DIVISION REVISION 71 CORF20003NCP . 0/17/26 . KBA 11 ADD NOTE TO TS' 12 ADD NOTE TO TS' 13 DIVISION REQ. REVISION 14 NC20007NCP . 0/0/26 . KBA 15 DIVISION REQ. REVISION 16 NC20007NCP . 0/0/26 . KBA 17 CORF20003COR.PO0/20/20 . CL 18 ADD NOTE TO TS' 19 NC20007NCP . 0/0/26 . KBA 10 NC20007NCP . 0/0/26 . KBA 11 NC20007NCP . 0/0/26 . KBA 12 DIVISION REQ. REVISION 12 DIVISION REQ. REVISION 20 NC2005TNCP . 0/0/26 . KBA
10	LE NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE //4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE //4' PIR FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE PRIVENAY SLOPE JUDE //4' PER FT. MIN. CONCRETE DRIVENAY SLOPE //4' PER FT. MIN. AWAY FROM GARAGE DOOR OFENINS. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5' DRICK LEDGE FOR MASONRY VENEER. 5' DIAMETER CONCRETE FILLED PIPE BOLLARD 36' HIGH WITH MIN. 12' EMEDDMENT INTO CONCRETE. REFER TO CONL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE FRIOR TO FOUR OF SLAB. 4' MIN. 8 //4' MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION.	12 NCISOSTNCP · 09/26/19 · DCS 33 DIVISION REVISIONS NC20005NCP · 12/12/19 · CL 44 NC20005NCP · 12/12/19 · CL 14 NC20005NCP · 12/12/19 · CL 15 DIVISION REVISION NC20015NCP · 02/10/20 · MCP 16 NC20015NCP · 02/06/20 · MCP 17 CORP20005CORP.04/20/20 · CEA 18 NC20015NCP · 10/06/20 · KEA 19 DIVISION REVISION NC2005TNCP · 10/06/20 · KEA 10 DIVISION REQUESTOR NC2005TNCP · 10/06/20 · KEA 10 DIVISION REQ. REVISION NC2005TNCP · 10/06/21 · KEA 10 DIVISION REQ. REVISION NC2005TNCP · 05/19/21 · KEA 20 NC2005TNCP · 05/19/21 · KEA 21 NC2005TNCP · 05/19/21 · KEA 22 DECK OPTION NC2005TNCP · 05/19/21 · KEA 21 NC2005TNCP · 05/19/21 · KEA 22 DECK OPTION NC2005TNCP · 02/19/21 · KEA 23 PLAN:
10 2. 3. 4. 5. 7. 5. 7. 5. 1. 0.	LE NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE //4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE //4' PIR FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE PRIVENAY SLOPE JUDE //4' PER FT. MIN. CONCRETE DRIVENAY SLOPE //4' PER FT. MIN. AWAY FROM GARAGE DOOR OFENINS. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5' DRICK LEDGE FOR MASONRY VENEER. 5' DIAMETER CONCRETE FILLED PIPE BOLLARD 36' HIGH WITH MIN. 12' EMEDDMENT INTO CONCRETE. REFER TO CONL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE FRIOR TO FOUR OF SLAB. 4' MIN. 8 //4' MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION.	12 NC39657NCF • 09/26/19 • DCS 13 DIVISION REVISIONS cL 14 NC20005NCF • 12/12/19 • CL 15 DIVISION REVISION 16 NC20015NCF • 02/10/20 • MCP 16 NC20015NCF • 02/02/20 • MCP 16 NC20015NCF • 02/02/20 • CDF 18 NC20015NCF • 02/02/20 • CDF 19 NC20015NCF • 02/02/20 • CDF 10 NC20015NCF • 02/02/20 • CDF 10 NC20015NCF • 02/02/20 • CDF 10 NC2005NCF • 02/02/20 • CDF 11 NC2005NCF • 02/02/20 • CDF 12 NC2005NCF • 02/02/20 • CDF 13 NC2005NCF • 02/02/20 • CDF 14 NC2005NCF • 02/02/20 • CDF 15 NC2005NCF • 02/02/20 • CDF 10 DECEC OFT 11 NC2005NCF • 02/02/20 • CDF 12 NC2005NCF • 02/02/20 • CDF
10	LE NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE //4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE //4' PIR FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE PRIVENAY SLOPE JUDE //4' PER FT. MIN. CONCRETE DRIVENAY SLOPE //4' PER FT. MIN. AWAY FROM GARAGE DOOR OFENINS. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5' DRICK LEDGE FOR MASONRY VENEER. 5' DIAMETER CONCRETE FILLED PIPE BOLLARD 36' HIGH WITH MIN. 12' EMEDDMENT INTO CONCRETE. REFER TO CONL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE FRIOR TO FOUR OF SLAB. 4' MIN. 8 //4' MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION.	12 NCISOSTNCP · 09/26/19 · DCS 33 DIVISION REVISIONS NC20005NCP · 12/12/19 · CL 44 NC20005NCP · 12/12/19 · CL 14 NC20005NCP · 12/12/19 · CL 15 DIVISION REVISION NC20015NCP · 02/10/20 · MCP 16 NC20015NCP · 02/06/20 · MCP 17 CORP20005CORP.04/20/20 · CEA 18 NC20015NCP · 10/06/20 · KEA 19 DIVISION REVISION NC2005TNCP · 10/06/20 · KEA 10 DIVISION REQUESTOR NC2005TNCP · 10/06/20 · KEA 10 DIVISION REQ. REVISION NC2005TNCP · 10/06/21 · KEA 10 DIVISION REQ. REVISION NC2005TNCP · 05/19/21 · KEA 20 NC2005TNCP · 05/19/21 · KEA 21 NC2005TNCP · 05/19/21 · KEA 22 DECK OPTION NC2005TNCP · 05/19/21 · KEA 21 NC2005TNCP · 05/19/21 · KEA 22 DECK OPTION NC2005TNCP · 02/19/21 · KEA 23 PLAN:
10 · 2. 3. 4. 5. 5. 1. 0. 1. 2. 3. 101	LE NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE //4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE //4' PIR FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE PRIVENAY SLOPE JUDE //4' PER FT. MIN. CONCRETE DRIVENAY SLOPE //4' PER FT. MIN. AWAY FROM GARAGE DOOR OFENINS. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5' DRICK LEDGE FOR MASONRY VENEER. 5' DIAMETER CONCRETE FILLED PIPE BOLLARD 36' HIGH WITH MIN. 12' EMEDDMENT INTO CONCRETE. REFER TO CONL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE FRIOR TO FOUR OF SLAB. 4' MIN. 8 //4' MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION.	 ACS005TNCP - 09/26/19 - DCS DIVISION REVISIONS ACC0003NCP - 10/26/19 - CL ACC0003NCP - 01/17/26 - CL DIVISION REVISION B DIVISION REVISION B DIVISION REVISION ADD NOTE TO TS ADD DIVISION REQ REVISION NC2005TNCP - 01/06/20 - KBA DIVISION REQ REVISION ADD DIVISION REQ REVISION ADD DECK OPTION ADD DECK OPTION ADD DECK OPTION ADD DECK OPTION ASSARCE - 12/17/21. CTD FLAN: SHEET: 8.3
	EL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE //4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE //8' PER. /-0'' MIN. TOAARD DOOR OPENING. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE DRIVENAY SLOPE //4'' PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. CONCRETE DRIVENAY SLOPE //4'' PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. S' BRICK LEDGE FOR MASONRY VENEER. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 36'' HIGH MITH MIN. 12' EMEDEMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY ALL FLUMBING STB DIMENSIONS SHOWN HERE PRIOR TO FOUR OF SLAB. 4'' MIN. 8 //4'' MAX. TO HARD SURFACE. A/C PAD, VERIFY LOCATION. 36'' WIDE WALKNAY- SLOPE //4'' PER FT. MIN. EEL TTO BASIC <u>ROOF PLAN</u> FOR INFORMATION NOT	 ACS005TNCP - 09/26/19 - DCS DIVISION REVISIONS ACC0003NCP - 10/26/19 - CL ACC0003NCP - 01/17/26 - CL DIVISION REVISION B DIVISION REVISION B DIVISION REVISION ADD NOTE TO TS ADD DIVISION REQ REVISION NC2005TNCP - 01/06/20 - KBA DIVISION REQ REVISION ADD DIVISION REQ REVISION ADD DECK OPTION ADD DECK OPTION ADD DECK OPTION ADD DECK OPTION ASSARCE - 12/17/21. CTD FLAN: SHEET: 8.3
■22.3.4.3.5.1.0.1.2.3. ■20日来 D2日来 D2日来 D2日来	LE NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE //4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE //8' PER. /-0' MIN. TOWARD DOOR OFENING. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE PONDATION PER STRUCTURAL. CONCRETE DRIVENAY SLOPE //4' PER FT. MIN. AWAY FROM GARAGE DOOR OFENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. S' DRIAK LEDGE FOR MASONRY VENEER. TO FOUR OF SLAB. A' MIN. 30 I/4' MAX. TO HARD SURFACE. AC PAD. VERIFY LOCATION. SO' WIDE WALKWAY- SLOPE I/4' PER FT. MIN. TELE TO BASIC ROOF PLAN FOR INFORMATION NOT WHERE TO BASIC ROOF PLAN FOR INFORMATION NOT TEN	 ACSOUTANCE - 09/26/19 - DCS DIVISION REVISIONS MC20005NCF - 12/12/19 - CL MC20005NCF - 01/1/20 - CL DIVISION REVISION MC20015NCF - 02/10/20 - MCP MC20015NCF - 02/06/20 - MCP MC20015NCF - 03/04/20 - KBA MC20015NCF - 03/04/20 - KBA MC20015NCF - 03/04/20 - KBA MC2005NCF - 03/04/20 - KBA MC2005NCF - 03/04/20 - KBA MC2005NCF - 03/04/21 - KBA MC2005NCF - 03/04/21 - KBA MC2005NCF - 03/06/21 - KBA MC205
	EL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/B' PER. 1-0' MIN. TOWARD DOOR OFENING. CONCRETE FONDATION PER STRUCTURAL. CONCRETE FONDATION PER STRUCTURAL. CONCRETE FONDATION PER STRUCTURAL. CONCRETE DRIVENAY SLOPE I/A' PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIPY LOCATION. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 36' HIGH WITH MIN. 12' EMBEDTRENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATION5. VERIPY ALL PLUMBING STUB DIMENSIONS SHOWN HERE FRIOR TO FORM SLAB. YENIPY ALL PLUMBING STUB DIMENSIONS SHOWN HERE FRIOR TO FORM SLADE. A/C PAD. VERIPY LOCATION. 36' WIDE WALKWAY- SLOPE I/4' PER FT. MIN. ILEVATION5. ILEVA	 ACSOSTACE - 69/26/19 - DCS DIVISION REVISIONS DIVISION REVISIONS AL NC20003NCF · 0/17/20 - CL DIVISION REVISION DIVISION REVISION B DIVISION REVISION CORF20003COR-06/20/20-CTD ADD NOTE TO TS ADD DIVISION REO REVISION ADD NOTE TO TS ADD NOTE TO TS ADD DIVISION REO REVISION ADD DIVISION REO REVISION ADD DECK OPTION NC21055NCF - 10/05/21 - EBA NC21055NCF - 10/05/21 - EBA SHEET: SHEET: SHEET: SPEC. LEVEL 1



EXTENDED COVERED SCREENED PATIO AT SLAB ON GRADE

<u>OTE:</u> NOT ALL KEY NOTES APPLY. ROOF MATERIAL - REFER TO ROOF NOTES	•
. 2X FASCIA/BARGE BOARD WITH FASCIA CAP	
. G.I. FLASHING . G.I. FLASHING & SADDLE/CRICKET	
G.I. DRIP SCREED	
24"x24" CHIMNEY DECORATIVE VENT	
DECORATIVE CORBEL	I. I HOME I.
DECORATIVE SHUTTERS	
. PEDIMENT. SEE ELEVATION FOR TYPE RECESSED ELEMENT	│ ⋰ └────────────────────────────────────
DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	
TRIM PER SPEC- SEE ELEVATION FOR SIZE	
EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH) PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
FYPON OR EQ. SURROUNDING STRUCTURAL POST.	
SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS	Harnett
STONE VENEER PER SPECS	
BRICK/MASONRY VENEER PER SPECS	MASTER SET
D. BUILT UP BRICK COLUMN	B <u><u><u>B</u> 01/21/2022</u> <u>B</u></u>
. SOLDIER COURSE 2. ROWLOCK COURSE	
RIEZE BOARD	
FIBER-CEMENT SIDING PER SPECS	
5. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE 5. PRE-FAB DECORATIVE TRIM	NORTH CAROLINA
LIGHT WEIGHT PRECAST STONE TRIM	NORTH CAROLINA
9. P.T. LUMBER RAILINGS (+36" U.N.O.)	40' SERIES
I. FIBER-CEMENT SMOOTH BOARD SEE SPECS D. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE	
ELEVATION FOR SIZE.	KB HOME NORTH CAROLINA DIVISION
. BRACKET OR KICKER - FYPHON OR EQ. 2. ENTRY DOOR	B B B B B B B B B B B B B B B B B B B
3. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4506 S. MIAMI BLVD.
. SECTIONAL GARAGE DOOR PER SPECS . ALUMINUM WRAP	• SUITE 180 •
). ALUMINUM MRAP 2. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703
. OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7980 ■ FAX: (919) 544-2928
). KEYSTONE 1. SOLDIER CROWN	FAX: (919) 544-2926
, JACK SOLDIER COURSE	
WATER TABLE	
2. ATRIUM DOOR 3. PILASTER - SEE ELEVATION FOR TYPE	2019 NODTH
PARTIAL PLAN NOTES	2018 NORTH
ZIE: NOT ALL KEY NOTES APPLY. . WATER HEATER LOCATION: - FOR GAS - LOCATE ON 16" HIGH	CAROLINA STATE
PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO DETAILS) WATER HEATER TO VENT TO OUTSIDE AIR	
), WATER HEATER 'B' VENT TO OUTSIDE AIR 1. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	BUILDING
VALVE 1. LINE OF MALL BELOW	
. LINE OF FLOOR ABOVE 2. LINE OF FLOOR BELOW 3. MIN 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)	CODES
MIN 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) AVC PAD LOCATION LOW MALL - REFER TO PLAN FOR HEIGHT	
2. 2x6 STUD WALL 4. DBL, 2x4 WALL PER PLAN	
5. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT 1. FLAT SOFFIT	
), ARCHED SOFFIT 2. OPT, DOOR/ MINDOM PREMANIEACTIBED DECORATIVE COLUMN (SIZE SEE ELEV.)	
. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. 2. BRICK / STONE VENEER - REFER TO ELEVATIONS	
2. BRICK / STONE VENEER - REFER TO ELEVATIONS 3. SECTIONAL GARAGE DOOR PER SPECS 5. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH	
MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR	
APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).	
), P.T. POST W/ WRAP. D. EGRESS WINDOW	ISSUE DATE: 01/08/15
WINDOW LEDGE HEIGHT & WIDTH OF OPENING TO EXTEND 6"	PROJECT No.: 1350999:56
BEYOND WINDOW(S) ON ALL SIDES U.N.O. , SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE , CONCRETE SLAB, SLOPE 1/4" PER FT, MIN, SEE PLAN FOR	DIVISION MGR.: DS
SIZE.	REVISIONS: 12/17/21
	DIVISION REVISIONS
SLAB PLAN NOTES	B 13 DIVISION REVISIONS NC20003NCP · 12/12/19 · CL B
<u>2TE:</u> NOT ALL KEY NOTES APPLY.	VENTILATION
CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.	A 14 NC20008NCP - 01/17/20- CL
CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1'-0" MIN, TOMARD DOOR OPENING.	DIVISION REVISION NC20013NCP - 02/10/20- MCP
CONCRETE FOUNDATION PER STRUCTURAL.	
CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.	DIVISION REVISION NC20017NCP · 03/04/20- KBA
CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.	
FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND.	/17 CORP20003CORP-08/20/20-CTD
VERIFY LOCATION.	ADD NOTE TO 'TS' NC20037NCP - 10/06/20 - KBA
5" BRICK LEDGE FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH	DIVISION REQ. REVISION
WITH MIN. 12" EMBEDMENT INTO CONCRETE.	P 19 NC21005NCP · 01/06/21 · KBA FOR INTERNAL USE ONLY
REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.	
 VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB. 	20 NC21032NCP · 05/19/21 · KBA
4" MIN. & 1/4" MAX. TO HARD SURFACE.	ADD DECK OPTION NC21056NCP - 12/17/21 - CTD
. A/C PAD. VERIFY LOCATION. . 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN.	6
	PLAN:
	238.2338-R
2TE:	SHEET:
TER TO BASIC ROOF PLAN FOR INFORMATION NOT HOWN HERE	8.4
2 TE: FFER TO BASIC ELEVATIONS FOR INFORMATION NOT IOWN HERE	SPEC. LEVEL 1
ZTEL FFER TO BASIC FLOOR PLAN FOR INFORMATION NOT	RALEIGH-DURHAM
THE FIRE TO BASIC FLOOR FLAN FOR INFORMATION NOT	raleigh-durham 40' SERIES



CRAWL SPACE

←_3_→

PARTIAL CRAWL SPACE PLAN

SCREENED-IN DECK 'A/B/C/D' AT CRAWL SPACE

0⁴

REFER TO BASIC ROOF FOR INFORMATION NOT SHOWN HERE

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

PARTIAL ROOF PLAN

# ELEVATION NOTES	
NOTE: NOT ALL KEY NOTES APPLY. I. ROOF MATERIAL - REFER TO ROOF NOTES	P
2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP 3. G.I. FLASHING	
4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED	
6. 24"x24" CHIMNEY 7. DECORATIVE VENT	
DECORATIVE CORBEL DECORATIVE SHUTTERS	
IO. PEDIMENT. SEE ELEVATION FOR TYPE	. ®
 RECESSED ELEMENT DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE 	•
I3. TRIM PER SPEC- SEE ELEVATION FOR SIZEI4. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)	
 PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. 	
 SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS 	Harnett
18. STONE VENEER PER SPECS 19. BRICK/MASONRY VENEER PER SPECS	MASTER SET
20. BUILT UP BRICK COLUMN	P 01/21/2022 P
21. SOLDIER COURSE 22. ROWLOCK COURSE	
23. FRIEZE BOARD 24. FIBER-CEMENT SIDING PER SPECS	
25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM	NORTH CAROLINA
27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.)	40' SERIES
24. FIBER-CEMENT SMOOTH BOARD SEE SPECS 30. DECORATIVE WINDOWDOOR TRIM - FYPON OR EQ. SEE	B
ELEVATION FOR SIZE. 31. BRACKET OR KICKER - FYPHON OR EQ.	KB HOME NORTH CAROLINA DIVISION
32. ENTRY DOOR 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	■ 4506 S. MIAMI BLVD.
34. SECTIONAL GARAGE DOOR PER SPECS 35. ALUMINUM MRAP	SUITE 180
36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703 ■ TEL: (919) 768-7980
37. OPTIONAL STANDING SEAM METAL ROOF 38. KEYSTONE 39. ACTUATION OF THE AND A STANDARD	FAX: (919) 544-2928
39. SOLDIER CROWN 40. JACK SOLDIER COURSE	
41. WATER TABLE 42. ATRIUM DOOR	
43. PILASTER - SEE ELEVATION FOR TYPE	2018 NORTH
200 NG-8	CAROLINA STATE
NOTE: NOT ALL KEY NOTES APPLY. 27. WATER HEATER LOCATION: - FOR GAS - LOCATE ON IB" HIGH PLATTROM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS) 28. WATER HEATER & VENT TO OUTSIDE AIR 29. WATER HEATER & VENT TO OUTSIDE AIR	BUILDING
24. MAIN LINE SHUT-OFF VALVE AND TEMP. & FRESSURE RELIEF VALVE 39. LINE OF WALL BELOW	
41. LINE OF FLOOR ABOVE 42. LINE OF FLOOR BELOW 48. MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) 50. A/C FAD LOCATION	CODES
51. LOW WALL - REFER TO PLAN FOR HEIGHT 52. 2x6 STUD WALL	
54, DBL, 2X4 MALL PER PLAN 55, INTERIOR SHELF - REFER TO PLAN FOR HEIGHT 51, FLAT SOFFIT	
56, ARCHED SOFFIT 60, OPT. DOOR/ WINDOW 61, PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
FYPON OR EQ. SURROUNDING STRUCTURAL POST. 62. BRICK / STONE VENEER - REFER TO ELEVATIONS	
65. 3° DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR	
APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).	
68, P.T. POST W WRAP. TO. EGRESS WINDOW T5. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6"	ISSUE DATE: 01/08/15 PROJECT No.: 1350999:56
BEFOND WINDOW(S) ON ALL SIDES U.N.O. 76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE TT. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR	DIVISION MGR.: DS
FOUNDATION PLAN NOTES	REVISIONS: 12/17/21
<u>NOTE:</u> NOT ALL KEY NOTES APPLY. I. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE	DIVISION REVISIONS NCI9057NCP - 09/26/19 - DCS
 I/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/8" PER. U. UNIX CONTRACT OF CONTRACT. 	B 13 DIVISION REVISIONS NC20003NCP · 12/12/19 · CL
I'-O" MIN. TOWARD DOOR OPENING. 3. FOUNDATION PER STRUCTURAL.	VENTILATION NC20008NCP · 01/17/20- CL
 STAIR LANDING: 36"X36" MIN. CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. 	DIVISION REVISION 15 DIVISION REVISION NC20013NCP - 02/10/20- MCP
6. PROVIDE UNDER FLOOR VENTILATION	
 4" TOE KICK FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH 	■ <u>/16</u> NC20017NCP · 03/04/20- KBA HOME OFFICE
 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. 	■
 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. 	✓ 16 NC20017NCP · 03/04/20 · KBA ■ ✓ 17 HOME OFFICE ↓ Tr CORP20002COR - 08/20/20 - CTD ■ ▲ ADD NOTE TO 'TS' ↓ 18 NC20057NCP · 10/06/20 · KBA
 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. 10. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL 	/6 NC20017NCP - 03/04/20 - KBA /T HOME OFFICE /T HOME OFFICE /N CONF20005COR-04/20/20 - CTD /B NC20057NCP - 10/06/20 - KBA DIVISION RED, REVISION /ID NC20057NCP - 10/06/20 - KBA
 B. DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIPY LOCATION OF PIER FOOTINGS PER STRUCTURAL 	
 8. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH MITH MIN. 12" EMBEDMENT INTO CONCRETE. 9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. 10. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL 11. 4" MIN. 7 3/4" MAX. TO HARD SURFACE. 12. A/C PAD. VERIFY LOCATION. 	/16 NC20017NCP - 03/04/20- KBA HOME OFFICE HOME OFFICE /T HOME OFFICE /II ADD NOTE TO '15" /II NC20057NCP - 10/06/20 - KBA /II NC20057NCP - 01/06/20 - KBA
 a" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL A" MIN. 7 3/4" MAX. TO HARD SURFACE. AC PAD. VERIFY LOCATION. CRAML SPACE ACCESS 	/6 NC20017NCF - 03/04/20- KBA HOME OFFICE HOME OFFICE /17 CORP20005COR-04/20/20-CTD /18 NC20057NCF - 10/06/20 - KBA /19 NC20057NCF - 10/06/20 - KBA /10 NC21005NCF - 01/06/21 - KBA /10 NC21005NCF - 01/06/21 - KBA /10 NC2105NCF - 01/06/21 - KBA /10 NC2105NCF - 01/06/21 - KBA /10 DECX OFTION /20 NC2105INCF - 65/19/21 - KBA /21 ADD DECX OFTION /21 NC2105KCF - 12/17/21 - CTD /10 DECX OFTION /21 NC2105KCF - 12/17/21 - CTD
 a" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL A" MIN. 7 3/4" MAX. TO HARD SURFACE. AC PAD. VERIFY LOCATION. CRAML SPACE ACCESS 	/6 NC20017NCF - 03/04/20- KBA /17 CORP20002CORP-04/20/20-CTD /18 ADD NOTE TO TF /18 NC20037NCF - 10/06/20 - KBA /19 NC20037NCF - 10/06/20 - KBA /10 NC20037NCF - 10/06/20 - KBA /10 NC20037NCF - 10/06/20 - KBA /10 NC20037NCF - 10/06/21 - KBA NC20037NCF - 10/06/21 - KBA NC20037NCF - 10/06/21 - KBA /10 NC20037NCF - 10/06/21 - KBA /11 NC20037NCF - 10/07/21 - KBA /21 NC20037NCF - 10/07/21 - KBA
 B. B" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTRAL M. 4" MIN. T 3/4" MAX. TO HARD SURFACE. AC PAD. VERIFY LOCATION. CRANL SPACE ACCESS 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN. 	16 NC20017NCF - 03/04/20- KBA 17 HOME OFFICE 18 ADD NOTE TO TS 18 NC20037NCF - 10/06/20 - KBA 19 IN ADD NOTE TO TS 10 NC20037NCF - 10/06/20 - KBA 10 DIVISION REQ. REVISION 10 NC20037NCF - 10/06/20 - KBA 10 NC20037NCF - 10/06/20 - KBA 10 DIVISION REQ. REVISION 10 DIVISION REQ. REVISION 10 DIVISION REQ. REVISION 10 DIVISION REQ. REVISION 11 MC20037NCF - 10/1/21 - CTD 12 MC20037NCF - 10/1/21 - CTD 14 ADD DECK OPTION 15 Z38.22338-R
 B" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL. AC PAD. VERIFY LOCATION. CRAWL SPACE ACCESS 36" MIDE WALKWAY- SLOPE I/4" PER FT. MIN. 	16 NC20017NCF - 03/04/20- KBA P HOME OFFICE IN HOME OFFICE IN ADD NOTE TO TF IN ADD NOTE TO TF IN NC20057NCF - 10/06/20 - KBA IN DIVISION REQ. REVISION IN NC20057NCF - 01/06/21 - KBA IN NC20057NCF - 10/07/21 - KBA IN NC20057NCF - 12/17/21 - CTD IN NC20057NCF - 12/17/21 - CTD IN NC20057NCF - 12/17/21 - CTD IN SHEET: SHEET: SHEET:
 B. DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL A'C PAD. VERIFY LOCATION. CRAWL SPACE ACCESS 36" NIDE WALKMAY- SLOPE I/4" PER FT. MIN. 	16 NC20017NCF - 03/04/20 - KBA FORE OFFICE HOME OFFICE HOME OFFICE HOME OFFICE ADD NOTE TO TS IN ADD NOTE TO TS IN NC20097NCF - 10/06/20 - KBA DIVISION REQ. REVISION NC21001NCF - 01/06/21 - KBA NC21001NCF - 01/0711 - KBA NC2101NCF - 01/0711 - KBA NC2101NCF - 01/0711 - KBA NC2101NCF - 01/0711 -
 B. DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL A' MIN. T 3/4" MAX. TO HARD SURFACE. B' MIDE WALKMAT' SLOPE I/4" PER FT. MIN. MOTEL RESERT ACARL SPACE IS TO BE CONDITIONED PER NC-R SECTION R4097. MOTEL RESERTION R40912. 	16 NC200TNCF - 03/04/20- KBA Tr CostP2000ECOR-04/20/20-CTD III ADD NOTE TO TF III NC2005TNCF - 10/06/20 - KBA DIVISION REQ. REVISION NC21005TNCF - 01/06/21 - KBA DIVISION REQ. REVISION NC2105TNCF - 01/06/21 - KBA DIVISION REQ. REVISION NC2105TNCF - 01/06/21 - KBA NC2105TNCF - 01/06/21 - KBA NC2105TNCF - 01/06/21 - KBA SPECE DEL SHEET: 8.5 SPEC. LEVEL 16
 B. DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL AC PAD. VERIFY LOCATION. CRAWL SPACE ACCESS 36" MIDE MALKMAY- SLOPE 1/4" PER FT. MIN. NOTE: RESERVE CANNUE SPACE IS TO BE CONDITIONED PER NC-R SECTION R409.2. NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT NOTE: NOTE: REFER TO BASIC ELOOR PLAN FOR INFORMATION NOT	16 NC200TNCF - 03/04/20- KBA HOME OFFICE TO COMP2000ECOR-04/20/20-CTD ADD NOTE TO TW NC200STNCF - 10/06/20 - KBA DIVISION RED REVISION NC210SINCF - 01/06/21 - KBA NC200SINCF - 01/06/21 - KBA NC200SINCF - 01/06/21 - KBA ADD DECK OFTION CALOSINCF - 10/17/21 - CTD C ADD DECK OFTION SHEET: 8.5 SPEC. LEVEL 1 C RALEIGH-DURHAM
 B. DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL A' MIN. T 3/4" MAX. TO HARD SURFACE. A'C PAD. VERIFY LOCATION. CRANL SPACE ACCESS 36" MIDE WALKWAY- SLOPE 1/4" PER FT. MIN. NOTE: NOTE: NOTE: NOTE: NOTE: NOTE: NOTE: NOTE: NOTE: REFER TO BASIC ELOOR PLAN FOR INFORMATION NOT SHOWN HERE NOTE: NOT	16 NC200TNCF - 03/04/20- KBA Tr CostP2000ECOR-04/20/20-CTD III ADD NOTE TO TF III NC2005TNCF - 10/06/20 - KBA DIVISION REQ. REVISION NC21005TNCF - 01/06/21 - KBA DIVISION REQ. REVISION NC2105TNCF - 01/06/21 - KBA DIVISION REQ. REVISION NC2105TNCF - 01/06/21 - KBA NC2105TNCF - 01/06/21 - KBA NC2105TNCF - 01/06/21 - KBA SPECE DEL SHEET: 8.5 SPEC. LEVEL 16

<u>KITCHEN</u>

QC ob

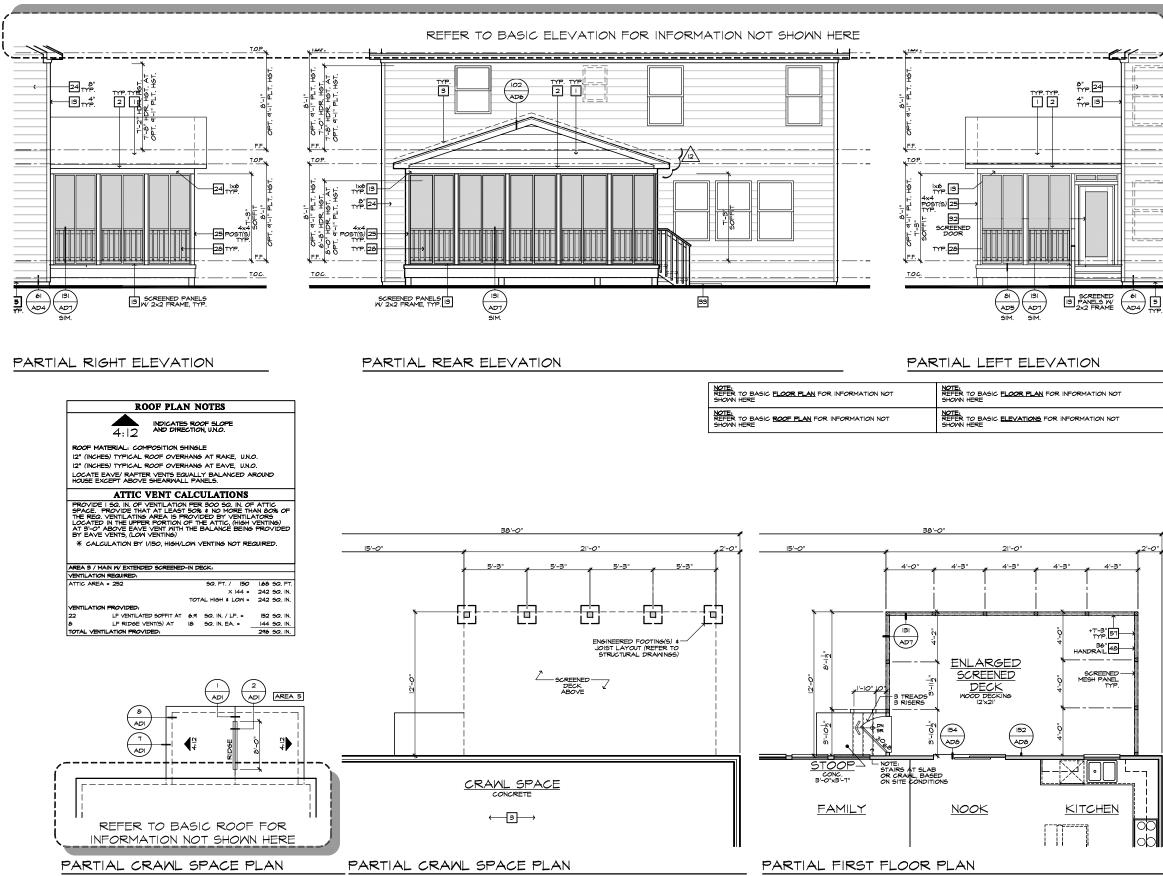
STOOP conc. 3'-0"x3'-7"

PARTIAL FIRST FLOOR PLAN

FAMILY

- NOTE STAIRS AT SLAB OR CRAWL, BASED ON SITE CONDITIONS

<u>NOOK</u>



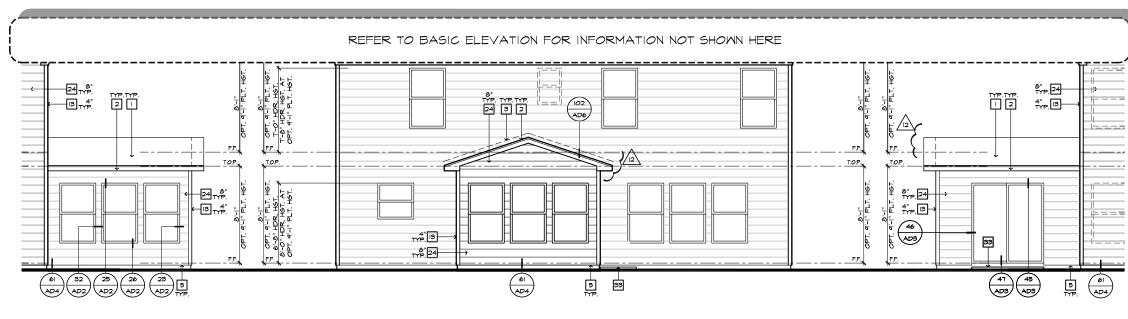
EXTENDED SCREENED-IN DECK 'A/B/C/D' AT CRAWL SPACE

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

NOTE: NOT ALL KEY NOTES APPLY.	
I. ROOF MATERIAL - REFER TO ROOF NOTES	R
2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP	
3. G.I. FLASHING 4. G.I. FLASHING & SADDLE/CRICKET	
4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED	
24"x24" CHIMNEY	
DECORATIVE VENT	
I. DECORATIVE SHUTTERS 0. PEDIMENT, SEE ELEVATION FOR TYPE	
I. RECESSED ELEMENT	p
2. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	
3. TRIM PER SPEC- SEE ELEVATION FOR SIZE	
4. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)	
 PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. 	
6. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	Harnott
7. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS	
8. STONE VENEER PER SPECS 9. BRICK/MAGONRY VENEER PER SPECS	MASTER SET
20. BUILT UP BRICK COLUMN	
21. SOLDIER COURSE 22. ROWLOCK COURSE	
23. FRIEZE BOARD	P P
24. FIBER-CEMENT SIDING PER SPECS	
25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE	
26. PRE-FAB DECORATIVE TRIM 27. LIGHT WEIGHT PRECAST STONE TRIM	NORTH CAROLI
27. LIGHT MEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.)	AN OFFICE
29. FIBER-CEMENT SMOOTH BOARD SEE SPECS	40' SERIES
30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE	B VD HOVE
ELEVATION FOR SIZE. 31. BRACKET OR KICKER - FYPHON OR EQ.	KB HOME NORTH CAROLINA DIVIS
31. BRACKET OR KICKER - FYPHON OR EQ. 32. ENTRY DOOR	NOWIN CAROLINA DIVISI
33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4506 S. MIAMI BLVD.
34. SECTIONAL GARAGE DOOR PER SPECS	SUITE 180
35. ALUMINUM WRAP 36. OPTIONAL DOOP/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703
36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7980
38. KEYSTONE	FAX: (919) 544-2928
39. SOLDIER CROWN	
40. JACK SOLDIER COURSE	
41. WATER TABLE 42. ATRIUM DOOR	
42. ATRIUM DOOR 43. PILASTER - SEE ELEVATION FOR TYPE	1010 NODTI
# PARTIAL PLAN NOTES	2018 NORTH
NOTE, NOT ALL KEY NOTES APPLY	CAROLINA STA
21. WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN, (REFER TO DETAILS) 20, WATER HEATER 'B' VENT TO OUTSIDE AIR	
28. WATER HEATER 'B' VENT TO OUTSIDE AIR	BUILDING
29, WAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF 39. LINE OF WALL BELOW	
41, LINE OF FLOOR ABOVE	CODES
42. LINE OF FLOOR BELOW 48. MIN 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) 29. AVC PAD LOCATION	
DI. LON MALL - REFER TO PLAN FOR HEIGHT	
52. 2x6 STUD WALL 54. DBL. 2x4 WALL PER PLAN	
55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT 57. FLAT SOFFIT	
56. ARCHED SOFFIT 60. OPT. DOOR/ WINDOW	
6 PRE-MANUEACTURED DECORATIVE COLUMN (SIZE SEE ELEV.)	
FYPON OR EQ. SURROUNDING STRUCTURAL POST. 62. BRICK / STONE VENEER - REFER TO ELEVATIONS 63. SECTIONAL GARAGE DOOR PER SPECS	
66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.	
(NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR	
APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).	
68. P.T. POST W/ WRAP. 70. EGRESS WINDOW	ISSUE DATE: 01/08/1
TE WINDOW LEDGE HEIGHT & WIDTH OF OPENING TO EXTEND 6"	PROJECT No.: 1350999:5
BEYOND MINDOW(5) ON ALL SIDES U.N.O. 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 17. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR	DIVISION MGR.: D
SIZE.	■ REVISIONS: 12/17/2
	DIVISION REVISIONS
	12 NC19057NCP · 09/26/19 · DC8
* FOUNDATION PLAN NOTES	DIVISION REVISIONS NC20003NCP · 12/12/19 · CL
206 N.CR	
NOTE: NOT ALL KEY NOTES APPLY.	VENTILATION
. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE	_ /14 \ NC20008NCP - 01/17/20- CL
. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4' PER FIT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/6" PER.	
. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. 2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1-0" MIN. TOWARD DOOR OFENING.	
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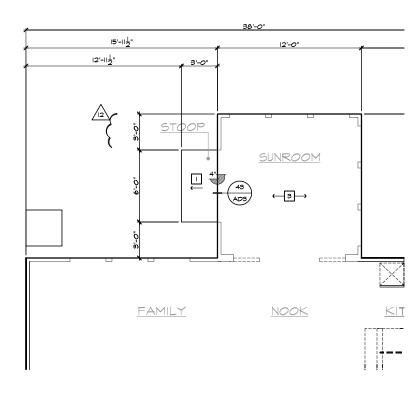
PARTIAL RIGHT ELEVATION

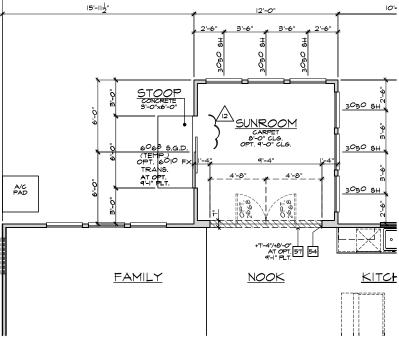
ROOF PLAN NOTES 4:12 INDICATES ROOF SLOPE AND DIRECTION, U.N.O. ROOF MATERIAL: COMPOSITION SHINGLE 12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O. 12" (INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O. LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS. ATTIC VENT CALCULATIONS PROVIDE I 50, IN OF VENTILATION PER 300 50, IN OF ATTIC SPACE - PROVIDE THAT AT LEAST 50% I NO MORE THAN 20% OF THE ATEO VENTILATION PER 300 50, IN OF ATTIC THE ATEO VENTILE ATTREAM OF THE BY VENTILATION AT 3*0* ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) * CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED. AREA 5 / MAIN W SUNROOM: VENTILATION REQUIRED: ATTIC AREA = 144 SQ. FT. / ISO 0.96 SQ. 1 X 144 = 138 SQ. IN TOTAL HIGH & LOW = 138 SQ. IN 4 NTILATION PROVIDED: IO LF VENILATED SOFFIT AT 6.9 SO. IN. / LF. = 64 SO. IN. 6 LF RIDGE VENT(S) AT 18 SO. IN. EA. = 108 SO. IN. TOTAL VENTILATION PROVIDED: 111 SO. IN. 2ADI AREA 6 4 _____ REFER TO BASIC ROOF FOR INFORMATION NOT SHOWN HERE PARTIAL ROOF PLAN

PARTIAL REAR ELEVATION

PARTIAL LEFT ELEVATION

38'-0





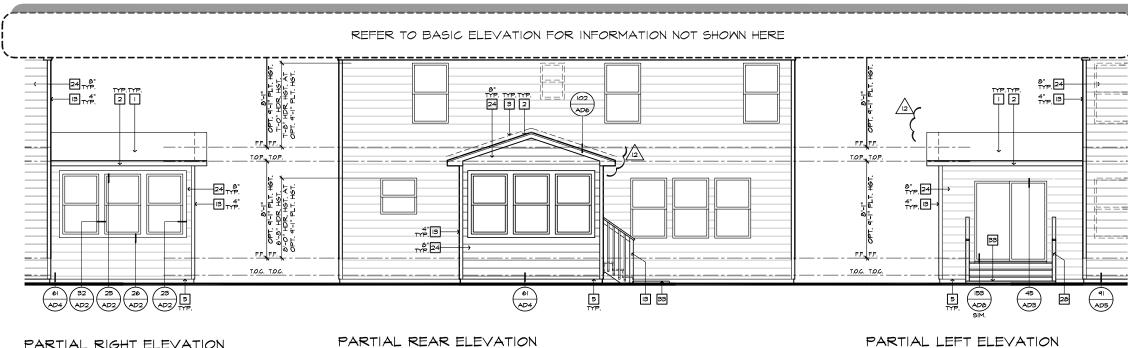
PARTIAL SLAB INTERFACE PLAN

PARTIAL FIRST FLOOR PLAN

SUNROOM AT SLAB ON GRADE SCALE I/4"=I'-0" (22"X34") - I/8"=I'-0" (II"XI7")

<u>NO</u> 1.	ELEVATION NOTES	
ь. —	TE: NOT ALL KEY NOTES APPLY.	8
2.	ROOF MATERIAL - REFER TO ROOF NOTES 2X FASCIA/BARGE BOARD WITH FASCIA CAP	
з.	G.I. FLASHING	
4.	G.I. FLASHING & SADDLE/CRICKET	' KD
5. 6.	G.I. DRIP SCREED 24"x24" CHIMNEY	
ю. 7.	DECORATIVE VENT	
	DECORATIVE CORBEL	I. I HOME
۹.	DECORATIVE SHUTTERS	-
	PEDIMENT. SEE ELEVATION FOR TYPE	
11.	RECESSED ELEMENT DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	-
13.	TRIM PER SPEC- SEE ELEVATION FOR SIZE	
14.	EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)	
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST,	
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	
	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS	H
	STONE VENEER PER SPECS	
19.	BRICK/MASONRY VENEER PER SPECS	MASTER SET
20.	. BUILT UP BRICK COLUMN	
	SOLDIER COURSE	
	ROWLOCK COURSE	
	FRIEZE BOARD FIBER-CEMENT SIDING PER SPECS	
	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE	
26.	PRE-FAB DECORATIVE TRIM	NORTH CAROLIN
	LIGHT WEIGHT PRECAST STONE TRIM	
	. P.T. LUMBER RAILINGS (+36" U.N.O.) FIBER-CEMENT SMOOTH BOARD SEE SPECS	40' SERIES
	. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE	
	ELEVATION FOR SIZE.	KB HOME
	BRACKET OR KICKER - FYPHON OR EQ. ENTRY DOOR	NORTH CAROLINA DIVISIO
	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4506 S. MIAMI BLVD.
	SECTIONAL GARAGE DOOR PER SPECS	■ SUITE 180
35.	ALUMINUM WRAP	DURHAM, NC 27703
	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	■ TEL: (919) 768-7980
	OPTIONAL STANDING SEAM METAL ROOF KEYSTONE	FAX: (919) 544-2928
	SOLDIER CROWN	
40.	. JACK SOLDIER COURSE	
	WATER TABLE	
	ATRIUM DOOR PILASTER - SEE ELEVATION FOR TYPE	
#	PARTIAL PLAN NOTES	2018_NORTH
	TE. NOT ALL KEY NOTES APPLY	CAROLINA STAT
27.	MATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN, (REFER TO DETAILS) WATER HEATER B' VENT TO OUTSIDE AIR	CAROLINA SIAI
28	DRAIN. (REFER TO DETAILS) WATER HEATER 'B' VENT TO OUTSIDE AIR	BUILDING
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	BUILDING
39. 41.	LINE OF WALL BELOW LINE OF FLOOR ABOVE	CODES
42. 48	LINE OF FLOOR ABOVE LINE OF FLOOR BELOW MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) AVC PAD LION	CODES
48. 50. 51.	LOW WALL - REFER TO PLAN FOR HEIGHT	
52. 54.	2x6 STUD WALL DBL. 2x4 WALL PER PLAN	
55. 57.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT FLAT SOFFIT	
58.	ARCHED SOFFIT	
6	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE SEE ELEV.)	
62. 63.		
63. 66.	3" DIAM, CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH	
	MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR	
	APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).	
68. 70.	. P.T. POST W/ WRAP. . EGRESS WINDOW	ISSUE DATE: 01/08/15
75.	WINDOW LEDGE HEIGHT & WIDTH OF OPENING TO EXTEND 6"	PROJECT No.: 1350999:56
76. 77.		DIVISION MGR.: DS
_	SIZE	■ REVISIONS: 12/17/21
<u> </u> #	SLAB PLAN NOTES	DIVISION REVISIONS
NOT	TE: NOT ALL KEY NOTES APPLY.	* 12 NC19057NCP · 09/26/19 · DCS
١.	CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.	DIVISION REVISIONS
2.	CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER.	B /13 NC20003NCP · 12/12/19 · CL
	I'-O" MIN. TOWARD DOOR OPENING. CONCRETE FOUNDATION PER STRUCTURAL.	VENTILATION
3	CONCRETE TO OTHER OTHER OTHER OTHER	■ <u>14</u> NC20008NCP - 01/17/20- CL
З. 4.	CONCRETE STOOP: 36"x36" STANDARD	
4.	CONCRETE STOOP: 36"x36" STANDARD SLOPE 1/4" PER FT. MIN.	DIVISION REVISION 15 NC20013NCP - 02/10/20- MCP
	CONCRETE STOOP: 36'x36" STANDARD SLOPE I/4" PER FT. MIN. CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.	B /15 NC20013NCP - 02/10/20- MCP
4.	CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND.	DIVISION REVISION NC20013NCP · 02/10/20- MCP NC20013NCP · 02/10/20- MCP
4. 5.	CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.	
4. 5. 6.	CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5" BRICK LEDGE FOR MASONRY VENEER. 3" DIANETER CONCRETE FILLED PIPE BOLLARD 36" HIGH	IS NC20013NCP - 02/10/20- MCP IOIVISION REVISION DIVISION REVISION IOIVISION REVISION ROME OFFICE IONE OFFICE HOME OFFICE IONE CORP20003CORP-06/20/20-CTE A
4. 5. 6. 7.	CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE LECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5" DRICK LEDGE FOR MASONRY VENEER. 9" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.	/15 NC20013NCP • 02/10/20• MCP /16 DIVISION REVISION /16 NC20017NCP • 03/04/20• KBA /17 CORP20005CORP-04/20/20•CTE ADD NOTE TO TS
4. 5. 6. 7. 8. 9.	CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5" DRICK LEDGE FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.	/15 NC20013NCP • 02/10/20• MCP /16 DIVISION REVISION /16 NC20017NCP • 03/04/20• KBA /17 CORP20005CORP-08/20/20-CTE /18 ADD NOTE TO TS* /18 NC200037NCP • 10/06/20 • KBA ADD NOTE TO TS* 01/05/20 • KBA
4. 5. 6. 7. 8.	CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5" BRICK LEDGE FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.	/15 NC20013NCP • 02/10/20• MCP /16 DIVISION REVISION /16 NC20017NCP • 03/04/20• KBA /17 CORP20005CORP-08/20/20-CTE /18 ADD NOTE TO TS* /18 NC200037NCP • 10/06/20 • KBA ADD NOTE TO TS* 01/05/20 • KBA
4. 5. 6. 7. 8. 9. 10. 11.	CONCRETE DRIVENAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OFENING. VERIFY LOCATION. 5" DRICK LEDGE FOR MASONRY VENEER. 3" DIANETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDNEMT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATION. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRICK TO FOLGB. 4" MIN. 8 1/4" MAX. TO HARD SURFACE.	AD NOTE OF 02/0/20 MCP DIVISION REVISION HOME OFFICE ADD NOTE TO 5 NC20007NCP - 02/0/20-CTC ADD NOTE TO 5 NC20007NCP - 10/06/20 - EBA DIVISION REQ. REVISION JOS NC2005NCP - 10/06/20 - EBA COLOMON REQ. REVISION FOR INTENAL USE ONLY
4. 5. 6. 7.8. 9. 10. 11.2.	CONCRETE DRIVENAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OFENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5" BRICK LEDGE FOR MASONRY VENEER. 8" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO FOUR OF SLAB. 4" MIN. 8 I/4" MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION.	/15 NC20013NCP - 02/10/20- MCP /16 DIVISION REVISION /16 NC20017NCP - 03/04/20- KBA /17 CORP20005OCP-06/20/20/20-CTE /18 NC20007NCP - 10/06/20 - KBA /19 NC20007NCP - 03/06/20 - KBA /19 NC20007NCP - 03/06/20 - KBA
4. 5. 6. 7.8. 9. 10. 11.2.	CONCRETE DRIVENAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OFENING. VERIFY LOCATION. 5" DRICK LEDGE FOR MASONRY VENEER. 3" DIANETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDNEMT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATION. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRICK TO FOLGB. 4" MIN. 8 1/4" MAX. TO HARD SURFACE.	/15 NC20013NCP - 02/10/20- MCP /16 DIVISION REVISION /16 NC20017NCP - 03/04/20- KBA /17 CORP20005CORP-04/20/20-CTE * ADD NOTE TO TF NC20057NCP - 10/06/20 - KBA * DIVISION RED, REVISION * ADD BECK OPTION
4. 5. 6. 7.8. 9. 10. 11.2.	CONCRETE DRIVENAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OFENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5" BRICK LEDGE FOR MASONRY VENEER. 8" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO FOUR OF SLAB. 4" MIN. 8 I/4" MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION.	ADD NOTE TO TS ADD NOTE
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4. 5. 6. 7.8. 9. 10. 11. 12. 13.	CONCRETE DRIVENAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OFFNING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5" BRICK LEDGE FOR MASONRY VENEER. 8" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH MITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO GIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY ALL PLUMDING STUB DIMENSIONS SHOWN HERE FRIOR TO FOUR OF SLAB. 4" MIN. 31 (4" MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION. 36" MIDE WALKWAY- SLOPE 1/4" PER FT. MIN.	/IS NC2003NCP • 02/0/20• MCP /IS NC2003NCP • 02/0/20• MCP /IS DIVISION REVISION /IF CORP2609500P+04/20/20•CTE /IF CORP2609500P+04/20/20•CTE /IS NC2005TNCP • 10/06/20 • KBA /IS DIVISION RE0 REVISION /IS DIVISION /IS DIVISION /IS DIVISION
4. 5. 6. 7. 8. 9. 10. 11. 12. 13. № 10.	CONCRETE DRIVEMAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OFPNING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5" BRICK LEDGE FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO FOUR OF SLAB. 4" MIN. 3 I/4" MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION. 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN.	/15 NC20013NCF - 02/10/20- MCF /16 DIVISION REVISION /16 NC20017NCF - 02/04/20- KBA /17 CORP20005COR-04/20/20-CTL /18 NC20007NCF - 10/06/20 - KBA /19 NC20007NCF - 10/06/20 - KBA /10 DIVISION REG. REVISION /11 NC2005NCF - 12/06/21 - KBA /12 DIVISION REG. REVISION /13 DIVISION REG. REVISION /14 DIVISION REG. REVISION /15 DIVISION REG. REVISION /16 DIVISION REG. REVISION /17 CORPANIE /18 DIVISION REG. REVISION /19 DIVISION REG. REVISION /10 DIVISION REG. REVISION /11 CIGUARCE - 12/17/21. CTD /12 QUARCESANCE - 12/17/21. CTD /17
4. 5. 6. 7. 8. 9. 10. 11. 2. 13.	CONCRETE DRIVENAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OFENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5" DRICK LEDGE FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH MITH MIN. 12" EMBEDNEMT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY ALL PLANDING STUB DIMENSIONS SHOWN HERE FRICAT TO FOUR OF SLAB. 4" MIN. 8 I/4" MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION. 36" MIDE WALKMAY- SLOPE I/4" PER FT. MIN.	/IS NC20013NCF 02/10/20 MCF /IS NC20017NCF 02/10/20 MCF /IS NC20017NCF 02/04/20 KBA /IT CORP2000SCOR-04/20/20-CTE /IS NC20057NCF 10/06/20 KBA /ID UVISION REQ. REVISION /ID UVISION REQ. REVISION /ID UVISION REQ. REVISION /ID DECK OFTION /ID DECK OFTION
24. 5. 6. 7. 8. 9. 10. 11. 12. 13. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24	CONCRETE DRIVENAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OFENING. S' DRICK LEDGE FOR MAGONRY VENEER. 3" DIANETER CONCRETE FILLED PIPE BOLLARD 36" HIGH MITH MIN. 12" EMBEDNEMT INTO CONCRETE. REFER TO CIVIL DRAVINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY ALL PLANDING STUB DIMENSIONS SHOWN HERE FRICR TO FOUR OF SLAB. 4" MIN. 3 I/4" MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION. 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN.	/15 NC20013NCP - 0.2/10/20- MCP /15 NC20013NCP - 0.2/10/20- KBA /16 NC20017NCP - 0.20/4/20- KBA /17 CORPA090500RP-0.4/20/20-CTL /18 NC20057NCP - 10/06/20 - KBA /19 DIVISION REG. REVISION /10 DIVISION REG. REVISION /11 MC200500CP - 0.006/21 - KBA /12 DIVISION REG. REVISION /13 DIVISION REG. REVISION /14 MC200500CP - 0.006/21 - KBA /15 DIVISION REG. REVISION /16 DIVISION REG. REVISION /17 COMPANDA REG. REVISION /18 MC200500CP - 0.006/21 - KBA /19 DIVISION REG. REVISION /11 MC200500CP - 0.007/21 - KBA /12 MC200500CP - 0.007/21 - KBA /13 MC200500CP - 0.007/21 - KBA
24. 5. 6. 7. 8. 9. 10. 11. 12. 13. 24. 24. 24. 24. 24. 24. 24. 24. 24. 24	CONCRETE DRIVEMAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OFPNING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5" BRICK LEDGE FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO FOUR OF SLAB. 4" MIN. 3 I/4" MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION. 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN.	/IS NC20013NCF 02/10/20 MCF /IS NC20017NCF 02/10/20 MCF /IS NC20017NCF 02/04/20 KBA /IT CORP2000SCOR-04/20/20-CTE /IS NC20057NCF 10/06/20 KBA /ID UVISION REQ. REVISION /ID UVISION REQ. REVISION /ID UVISION REQ. REVISION /ID DECK OFTION /ID DECK OFTION
24. 5. 6. 7. 8. 9. 10. 11. 12. 13. 2005 2005 2005	CONCRETE DRIVENAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OFENING. S' DRICK LEDGE FOR MASONRY VENEER. S' DRICK LEDGE FOR MASONRY VENEER. S' DRICK LEDGE FOR MASONRY VENEER. S' DIANETER CONCRETE FILLED PIPE BOLLARD 36" HIGH MITH MIN. IS' EMBEDNENT INTO CONCRETE. REFER TO CIVIL DRAVINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE FRICK TO FOUR OF SLAB. 4" MIN. 9 1/4" MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION. 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN. 56" WIDE WALKWAY- SLOPE I/4" PER FT. MIN.	/15 NC20013NCF - 02/10/20- MCF /16 DIVISION REVISION /16 NC20017NCF - 02/04/20- KBA /17 CORPA0005COR-04/20/20-CTE /18 ADD NOTE TO TF /19 DIVISION REG. REVISION /10 DIVISION REG. REVISION /11 DIVISION REG. REVISION /12 MC21050NCF - 10/07/17/21. CTD /13 MC21050NCF - 12/17/21. CTD /14 MC21050NCF - 12/17/21. CTD /15 DIVISION /2 SAB.2338-R SHEET: 9.1 SPEC. LEVEL 1 SPEC. LEVEL 1
24. 5. 6. 7. 8. 9. 10. 11. 12. 13. 2015 2015 2015 2015 2015	CONCRETE DRIVENAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OFENING. S' DRICK LEDGE FOR MAGONRY VENEER. 3" DIANETER CONCRETE FILLED PIPE BOLLARD 36" HIGH MITH MIN. 12" EMBEDNEMT INTO CONCRETE. REFER TO CIVIL DRAVINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY ALL PLANDING STUB DIMENSIONS SHOWN HERE FRICR TO FOUR OF SLAB. 4" MIN. 3 I/4" MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION. 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN.	/15 NC20013NCP - 0.2/10/20- MCP /15 NC20013NCP - 0.2/10/20- KBA /16 NC20017NCP - 0.20/4/20- KBA /17 CORPA090500RP-0.4/20/20-CTL /18 NC20057NCP - 10/06/20 - KBA /19 DIVISION REG. REVISION /10 DIVISION REG. REVISION /11 MC200500CP - 0.006/21 - KBA /12 DIVISION REG. REVISION /13 DIVISION REG. REVISION /14 MC200500CP - 0.006/21 - KBA /15 DIVISION REG. REVISION /16 DIVISION REG. REVISION /17 COMPANDA REG. REVISION /18 MC200500CP - 0.006/21 - KBA /19 DIVISION REG. REVISION /11 MC200500CP - 0.007/21 - KBA /12 MC200500CP - 0.007/21 - KBA /13 MC200500CP - 0.007/21 - KBA

10'-



PARTIAL RIGHT ELEVATION

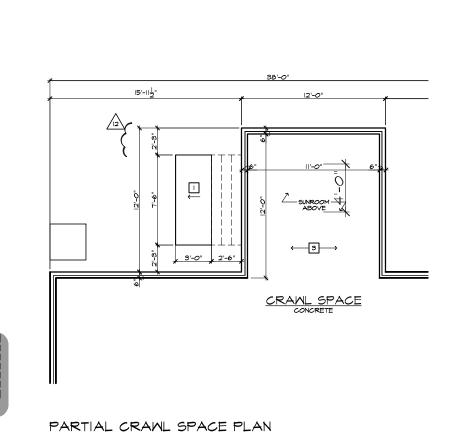
ROOF MATERIAL: COMPOSITION SHINGLE 12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O. 12" (INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O. LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

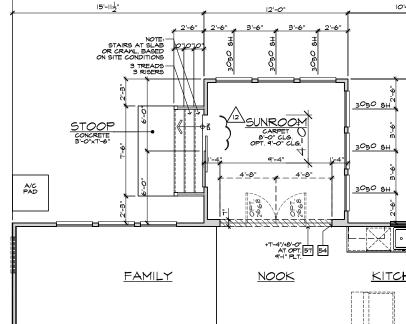
4:12

ROOF PLAN NOTES

ATTIC VENT CALCULATIONS

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.





38'-0'

PARTIAL FIRST FLOOR PLAN

PROVIDE I 50, IN OF VENTILATION PER 300 50, IN OF ATTIC SPACE - PROVIDE THAT AT LEAST 50% I NO MORE THAN 20% OF THE ATEO VENTILATION PER 300 50, IN OF ATTIC THE ATEO VENTILE ATTREAM OF THE BY VENTILATION AT 3*0* ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) * CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED. AREA 3 / MAIN W SUNROOM TIC AREA = 144 SQ. FT. / 150 0.96 SQ. 1 X 144 = 138 SQ. IN TOTAL HIGH & LOW = 138 SQ. IN ENTILATION PROVIDED:
 20
 LF VENILATED SOFFIT AT 6.9 SQ. IN. / LF. =
 I36 SQ. IN.

 4
 LF RIDGE VENT(S) AT 10 SQ. IN. EA. =
 72 SQ. IN.

 TOTAL VENTILATION PROVIDED;
 210 SQ. IN.
 210 SQ. IN.
 ADI AREA 6 44 ADI



PARTIAL ROOF PLAN

14

SUNROOM AT CRAWL SPACE

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

#	ELEVATION NOTES	
NOT	<u>E:</u> NOT ALL KEY NOTES APPLY. ROOF MATERIAL - REFER TO ROOF NOTES	18
ı. 2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP	
з.	G.I. FLASHING	
4. 5.	G.I. FLASHING & SADDLE/CRICKET G.I. DRIP SCREED	: KD
	24"x24" CHIMNEY	
	DECORATIVE CORBEL DECORATIVE SHUTTERS	
	PEDIMENT. SEE ELEVATION FOR TYPE	
п.	RECESSED ELEMENT	p
	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE TRIM PER SPEC- SEE ELEVATION FOR SIZE	
	EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)	
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.	
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	
	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS	Harnett
	STONE VENEER PER SPECS BRICK/MAGONRY VENEER PER SPECS	MASTER SET
	BUILT UP BRICK COLUMN SOLDIER COURSE	
	ROWLOCK COURSE	
23.	FRIEZE BOARD	
	FIBER-CEMENT SIDING PER SPECS P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE	
	PRE-FAB DECORATIVE TRIM	NORTH CAROLIN
	LIGHT WEIGHT PRECAST STONE TRIM	
	P.T. LUMBER RAILINGS (+36" U.N.O.) FIBER-CEMENT SMOOTH BOARD SEE SPECS	40' SERIES
	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE	p
	ELEVATION FOR SIZE. BRACKET OR KICKER - FYPHON OR EQ.	KB HOME NORTH CAROLINA DIVISIO
	ENTRY DOOR	P
	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4506 S. MIAMI BLVD.
	SECTIONAL GARAGE DOOR PER SPECS ALUMINUM WRAP	SUITE 180
	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703
	OPTIONAL STANDING SEAM METAL ROOF	TEL: (919) 768-7980 FAX: (919) 544-2928
	KEYSTONE SOLDIER CROWN	FAX: (919) 544-2928
	JACK SOLDIER COURSE	
41.	WATER TABLE	
	ATRIUM DOOR PILASTER - SEE ELEVATION FOR TYPE	
#9. [#]	PILASIER - SEE ELEVATION FOR TIPE PARTIAL PLAN NOTES	2018 NORTH
	E. NOT ALL KEY NOTES APPLY	CAROLINA STAT
27.	WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS) WATER HEATER 'B' VENT TO OUTSIDE AIR	
28.	DRAIN. (REFER TO DETAILS) WATER HEATER 'B' VENT TO OUTSIDE AIR	BUILDING
29. 39.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE LINE OF WALL BELOW	
4I. 42.	LINE OF FLOOR ABOVE	CODES
18 :	MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) A/C PAD LOCATION	
51. 52.	LOW WALL - REFER TO PLAN FOR HEIGHT 2x6 STUD WALL	
54. 55.	DBL. 2x4 WALL PER PLAN INTERIOR SHELF - REFER TO PLAN FOR HEIGHT	
57. 58.	FLAT SOFFIT ARCHED SOFFIT	
60. 61.	OPT. DOOR/ WINDOW PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
62.	FYPON OR EQ. SURROUNDING STRUCTURAL POST. BRICK / STONE VENEER - REFER TO ELEVATIONS SECTIONAL GARAGE DOOR PER SPECS	
63. 66.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH	
	MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR	
	APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).	
70.	P.T. POST W/ WRAP. EGRESS WINDOW	ISSUE DATE: 01/08/15
75	WINDOW LEDGE HEIGHT & WIDTH OF OPENING TO EXTEND 6"	PROJECT No.: 1350999:56
76. 77.	BEYOND WINDOW(S) ON ALL SIDES UN.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB, SLOPE 1/4" PER FT. MIN, SEE PLAN FOR	DIVISION MGR.: DS
(#	SIZE SI AR PI AN NOTES	REVISIONS: 12/17/21
	E: NOT ALL KEY NOTES APPLY.	DIVISION REVISIONS NCI9057NCP · 09/26/19 · DCS
۱.	CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE	
2.	1/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER.	DIVISION REVISIONS NC20003NCP · 12/12/19 · CL
	I'-O" MIN. TOWARD DOOR OPENING.	VENTILATION
3. 4.	CONCRETE FOUNDATION PER STRUCTURAL.	MC20008NCP - 01/17/20- CL
	CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.	DIVISION REVISION 15 NC20013NCP - 02/10/20- MCP
5.	CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.	
6.	PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.	16 DIVISION REVISION NC20017NCP · 03/04/20- KBA
7.	5" BRICK LEDGE FOR MASONRY VENEER.	HOME OFFICE
	3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.	<u>/17</u> CORP20003CORP-08/20/20-CTD
۹.	REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE	B ADD NOTE TO TS' 18 NC20037NCP - 10/06/20 - KBA
10.	ELEVATIONS. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE	
	PRIOR TO POUR OF SLAB.	FOR INTERNAL USE ONLY
II. 12.	4" MIN. 8 1/4" MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION.	
	36" MIDE WALKWAY- SLOPE 1/4" PER FT. MIN.	DIVISION REO. REVISION NC21032NCP - 05/19/21 - KBA
		ADD DECK OPTION
		6 6
		PLAN:
		238.2338-R
		2J0.2JJ0-I
	_	SHEET:
REF	E: ER TO BASIC <u>ROOF PLAN</u> FOR INFORMATION NOT	9.2
5110		
NOT	ER TO BASIC ELEVATIONS FOR INFORMATION NOT	
SHC	WN HERE	SPEC. LEVEL 1
NOT	E: Er to basic <mark>floor plan</mark> for information not Min Hepe	
	WN HERE	RALEIGH-DURHAN
SHO		
NOT	EL ER TO BASIC <u>SLAB PLAN</u> FOR INFORMATION NOT WIN HERE	40' SERIES

10

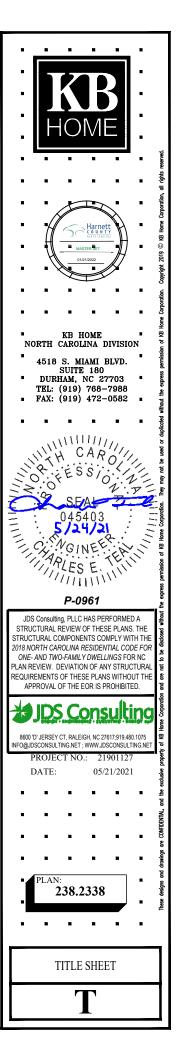
STRUCTURAL PLANS FOR:

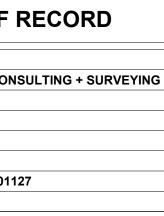


238.2338 - RH GARAGE

PLAN R	ELEASE / REVISIONS		
REV. DATE	ARCH PLAN VERSION	REVISION DESCRIPTION	DRF
01/03/2019	2338 PP2 NC17016P 061417	2018 NORTH CAROLINA RESIDENTIAL CODE UPDATE, NEW DRAWING TEMPLATE	CAR
04/05/2019	PLAN 2338_PP2_2018 CODE UPDATE	REVISED FRONT CONT. BEAM ON ELEVATIONS B & C	CAR
05/30/2019	2335.2338 LH 2019.1.15	COMPILED PARTIN AND MASON FILES INTO ONE FILE	CAR
09/03/2019	2335.2338 LH 2019.1.15	REVISED J/K CALLOUT ON REAR CONT BEAM FOR ELEV C AND D	CAR
10/24/2019	238.2338 LH (LAKE MICHAEL UPDATES)	UPDATED FLOOR PLANS PER NEW ARCH, REVISED BRACING PLAN, REVISED REAR OPTIONS	CAR
10/08/2020	2338-238-01350 LH D18 - 10.06.20	UPDATED REAR COVERED/SCREENED PATIO OPTIONS; RELOCATING RERA POSTS/BEAMS	ABS
01/29/2021	2338-238-01350 LH D18 - 01.06.2021	UPDATED REAR COVERED/SCREENED PATIO OPTIONS TO GABLE ROOF; FOR NEW COMMUNITIES ONLY	ABS
05/21/2021	2338-238-01350 LH D18 - 01.06.2021	ADDED STEM WALL FOUNDATION AND THE SLAB FIBER NOTES	TRG

NC	DTES	CODE	ENGINEER OF I
 ENGINEER'S SEAL APPLIES TO STRUCTURAL COMPONENTS ONLY. ENGINEER'S SEAL DOES NOT CERTIFY DIMENSIONAL ACCURACY OR ARCHITECTURAL LAYOUT, INCLUDING ROOF GEOMETRY. JDS CONSULTING, 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. DIMENSIONS SHALL GOVERN OVER SCALE, AND CODE SHALL GOVERN OVER DIMENSIONS. 	 PLANS MUST HAVE SIGNED SEAL TO BE VALID AND ARE LIMITED TO THE FOLLOWING USES: 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. 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. 	ALL CONSTRUCTION, WORKMANSHIP, AND MATERIAL QUALITY AND SELECTION SHALL BE PER: 2018 NORTH CAROLINA STATE BUILDING CODE: RESIDENTIAL CODE	JDS CONSULTING, PLLC ENGINEERING + DESIGN + CONS CONSULTING SERVICES 8600 'D' JERSEY COURT RALEIGH, NC 27617 FIRM LIC. NO: P-0961 PROJECT REFERENCE: 2190112





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

GENERAL

- 1. 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 JDS CONSULTING, 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.

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KING STUD COLUMN

LAMINATED VENEER

PRESSURE TREATED

SQUARE FOOT (FEET)

MINIMUM NOT TO SCALE

TREAD TEMPERED GLASS

SINGLE JOIST

STUD POCKET

THICK(NESS)

TRIPLE JOIST

TRIPLE RAFTER

TOP OF CURB / CONCRETE

UNLESS NOTED OTHERWISE CLOTHES WASHER WATER HEATER WELDED WIRE FABRIC EXTRA JOIST

REFRIGERATOR

ROUGH OPENING ROOF SUPPORT

SHELF / SHELVES SHEATHING

STUD COLUMN

MECHANICAL

MANUFACTURER

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)
	ULTIMATE DESIGN WIND SPEED GROUND SNOW ROOF RESIDENTIAL CODE TABLE R301.5 DWELLING UNITS SLEEPING ROOMS ATTICS WITH STORAGE ATTICS WITHOUT STORAGE STAIRS DECKS EXTERIOR BALCONIES PASSENGER VEHICLE GARAGES FIRE ESCAPES

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.

ABBR	EVIATIONS	KS	KING STUD
		LVL	LAMINATED
ABV	ABOVE	МАХ	LUMBER
AFF	ABOVE FINISHED FLOOR	MECH	MECHANIC
ALT	ALTERNATE	MFTR	MANUFACT
BRG	BEARING	MIN	MINIMUM
BSMT		NTS	NOT TO SC
CANT	CANTILEVER	OA	OVERALL
CJ	CEILING JOIST	OC OC	OVERALL ON CENTER
CLG	CEILING	PT	PRESSURE
CMU	CONCRETE MASONRY UNIT	R	RISER
со	CASED OPENING	REF	REFRIGERA
COL	COLUMN		ROOFING
CONC		RO	ROUGH OPI
CONT		RS	ROOF SUPP
D	CLOTHES DRYER	SC	STUD COLU
DBL	DOUBLE	SF	SQUARE FO
DIAM	DIAMETER	SH	SHELF / SH
DJ	DOUBLE JOIST	SHTG	
DN	DOWN	SHW	
DP	DEEP	SIM	SIMILAR
DR	DOUBLE RAFTER	SIN	SINGLE JOI
DSP	DOUBLE STUD POCKET	SP	STUD POCK
EA	EACH		SPECIFIED
EE	EACH END	SQ	SQUARE
EQ	EQUAL	зо Т	
EX	EXTERIOR	TEMP	TEMPERED
FAU	FORCED-AIR UNIT		THICK(NES
FDN	FOUNDATION	TJ	TRIPLE JOI
FF	FINISHED FLOOR	тос	TOP OF CU
FLR	FLOOR(ING)	TR	TRIPLE RAP
FP	FIREPLACE	ТҮР	TYPICAL
FTG	FOOTING	UNO	UNLESS NO
HB	HOSE BIBB	W	CLOTHES V
HDR	HEADER	wн	WATER HE
HGR	HANGER	WWF	WELDED W
JS	JACK STUD COLUMN	XJ	EXTRA JOIS
		A0	LATINA JUIS

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
- 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 EXIST
- CONCRETE FOUNDATION WALLS TO BE SELECTED AND 2. CONSTRUCTED PER SECTION R404 OR AMERICAN CONCRETE INSTITUTE STANDARD ACI 318.
- 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 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. B. FOUNDATION DRAINS ARE ASSUMED AT ALL WALLS PER
 - SECTION R405
- PLAIN-MASONRY WALL DESIGN TO BE PER <u>TABLE R404.1.1(1)</u> OR AS NOTED OR DETAILED. MASONRY WALLS WITH VERTICAL 5. 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).
 - C. FOUNDATION DRAINS ARE ASSUMED AT ALL WALLS PER SECTION R405.
- WOOD SILL PLATES TO BE ANCHORED TO THE FOUNDATION WITH 6. 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
- CENTERS OF PIERS TO BEAR IN THE MIDDLE THIRD OF THE FOOTINGS, AND GIRDERS SHALL CENTER IN THE MIDDLE THIRD OF THE PIERS.
- 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

- WITH 2x4 STUDS @ 24" OC.
- 4. STRUCTURAL COMPONENTS.
- CONSTRUCTION
- LUMBER
- DETAILS.
- SPECIFICATIONS.
- MANUFACTURER.
- C. D.
- 9.
- EACH END OF FLITCH BEAM

- EXTERIOR RIM JOIST / BOARD.
- SHALL BE MET.

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

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

3. NON-BEARING INTERIOR WALLS NOT MORE THAN 10' NOMINAL HEIGHT AND NOT SHOWN AS BRACED WALLS MAY BE FRAMED

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

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

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

7. 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

8. ENGINEERED WOOD FLOOR 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. 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

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.

10. 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.

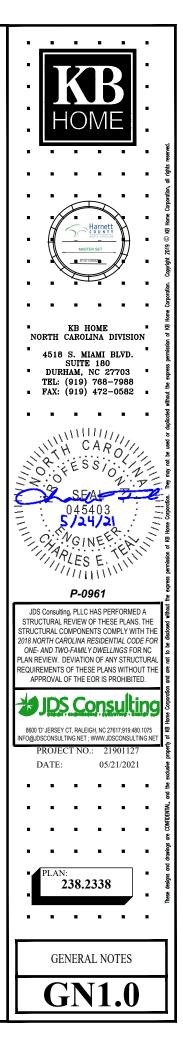
11. STEEL FLITCH BEAMS TO BE BOLTED TOGETHER USING (2) ROWS OF 1/2" DIAMETER BOLTS (ASTM 307) WITH WASHERS PLACED UNDER THE THREADED END OF THE BOLT, BOLTS TO BE SPACED AT 24" OC (MAX) AND STAGGERED TOP AND BOTTOM OF BEAM (2" EDGE DISTANCE), WITH TWO BOLTS TO BE LOCATED AT 6" FROM

12. 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 EQUIVALENT ATTACHMENT METHOD MAY BE USED, SUCH AS SDS, SDW, OR TRUSSLOK SCREWS (SEE MANUFACTURER SPECIFICATIONS).

13. 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).

14. 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

15. 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 @ 12" OC	17'-0"

 (2) 2x6 @ 16" OC
 21'-6"

 (2) 2x6 @ 12" OC
 25'-0"

 (2) 2x8 @ 16" OC
 27'-0"

 (2) 2x8 @ 12" OC
 31'-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.

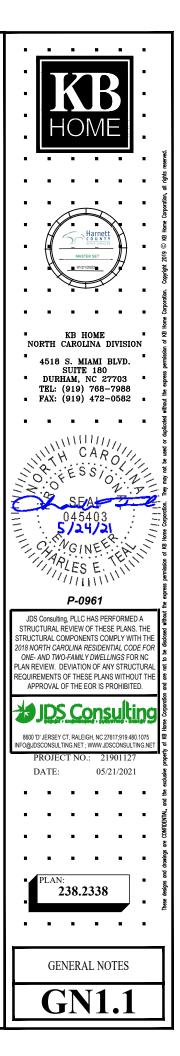
STICK-FRAMED ROOF - STRUCTURAL NOTES

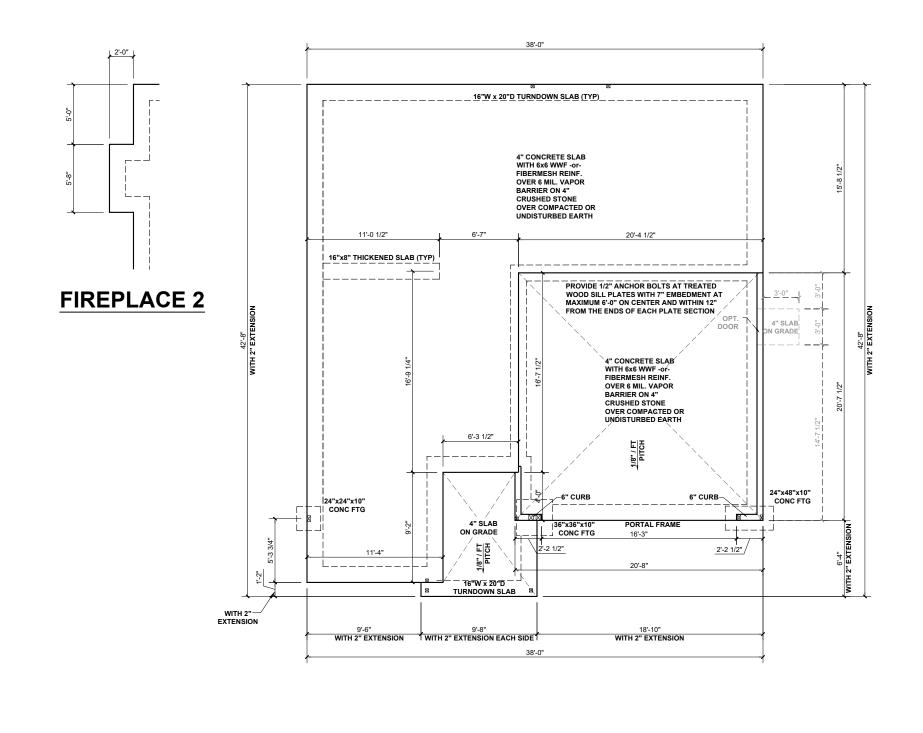
- 1. PROVIDE 2x4 COLLAR TIES AT 48" OC AT UPPER THIRD OF RAFTERS, UNLESS NOTED OTHERWISE.
- 2. FUR RIDGES FOR FULL RAFTER CONTACT.
- 3. PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.
- 4. DENOTES OVER-FRAMED AREA
- 5. MINIMUM 7/16" OSB ROOF SHEATHING
- PROVIDE 2x4 RAFTER TIES AT 16" 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 - 'A'

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

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

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

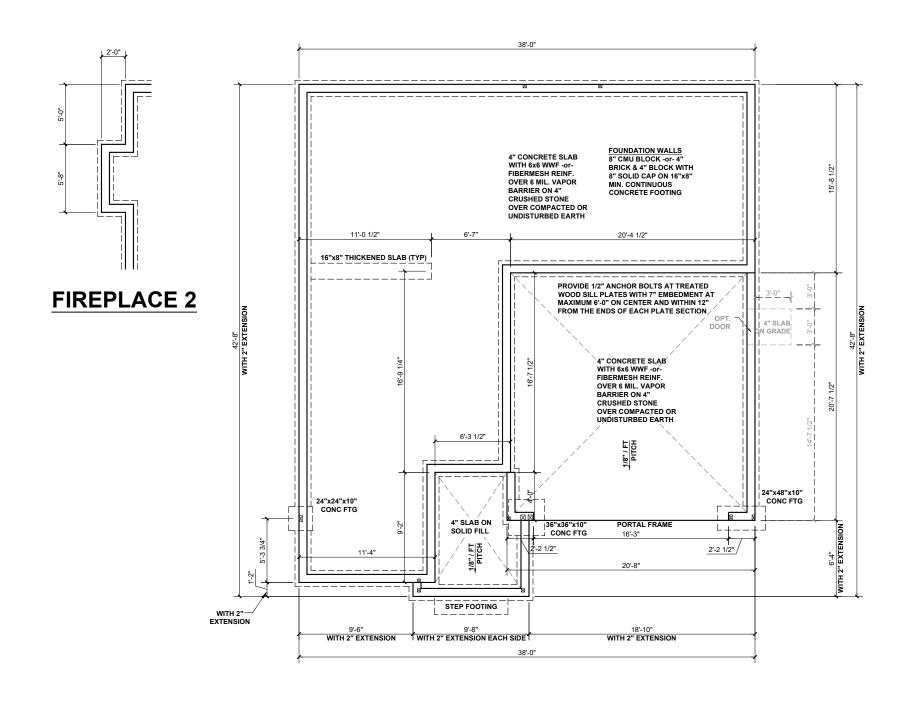
ALL CONCRETE CURBS SUPPORTING PORTAL FRAMED OR ENGINEERED OPENINGS IN GARAGES WITH A PONY WALL OVER 24" ABOVE THE GARAGE DOOR HEADER SHALL BE REQUIRED TO BE AT LEAST 8" WIDE.

CONCRETE SLAB REINFORCING SUBSTITUTION OF SYNTHETIC FIBER MIX IN LIEU OF WWF IN NON STRUCTURAL SLABS:

- NO SUBSTITUTION ALLOWED IN SLABS INSTALLED ON

- MANUFACTURES SPECIFICATIONS
- NO SUBSTITUTION ALLOWED IN SLABS INSTALLED ON RAISED METAL DECKING NO SUBSTITUTION ALLOWED IN SLABS WITH GRADE BEAMS UNLESS A REBAR MAT IS INSTALLED NO SUBSTITUTION ALLOWED IF ANY SOILS HAVE BEEN FOUND TO BE EXPANSIVE SOILS ON SITE NO SUBSTITUTION ALLOWED FOR SLAB POURS DIRECTLY ON GRADE; A 4" BASE MATERIAL OF CRUSHED STONE OR WELL DRAINING CLEAN SAND IS REQUIRED FOR SUBSTITUTION NO SUBSTITUTION ALLOWED FOR ANY SITES WITH A DCP BLOW COUNT OF 10 OR LESS. FIBER MIX VOLUMES MUST BE FOLLOWED PER THE MANUFACTURES SPECIFICATIONS .





STEM WALL FOUNDATION PLAN - 'A'

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

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

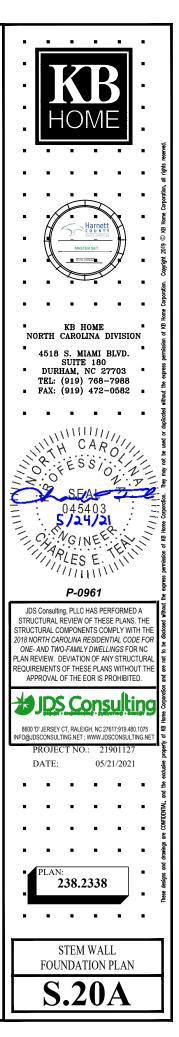
(1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)

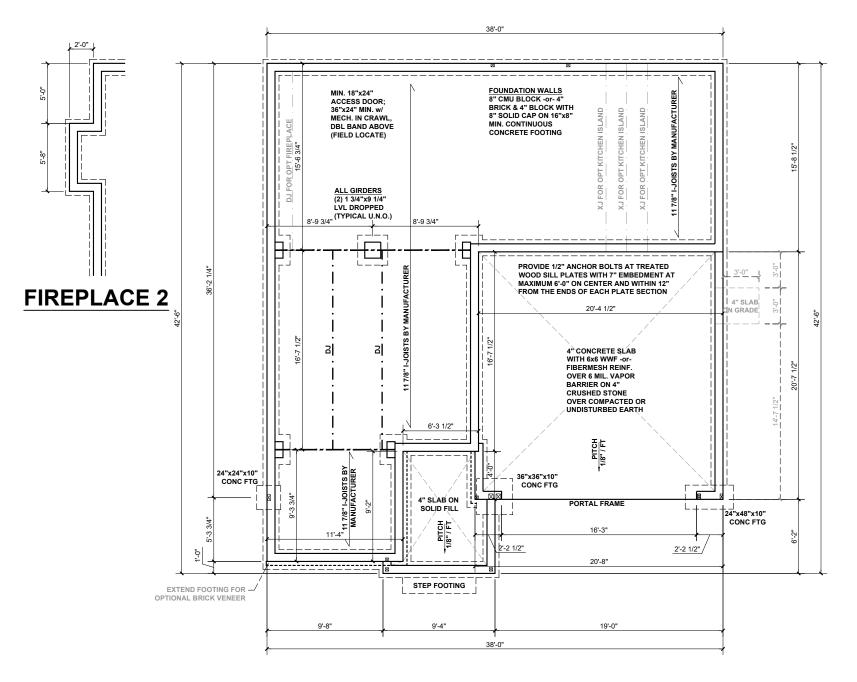
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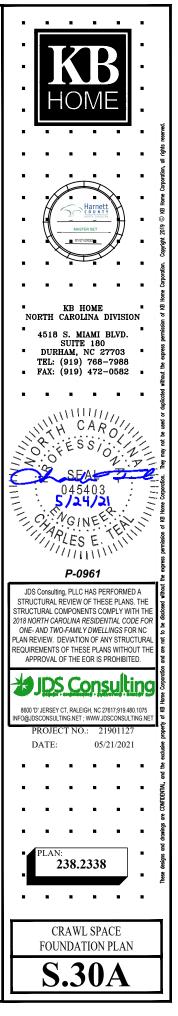


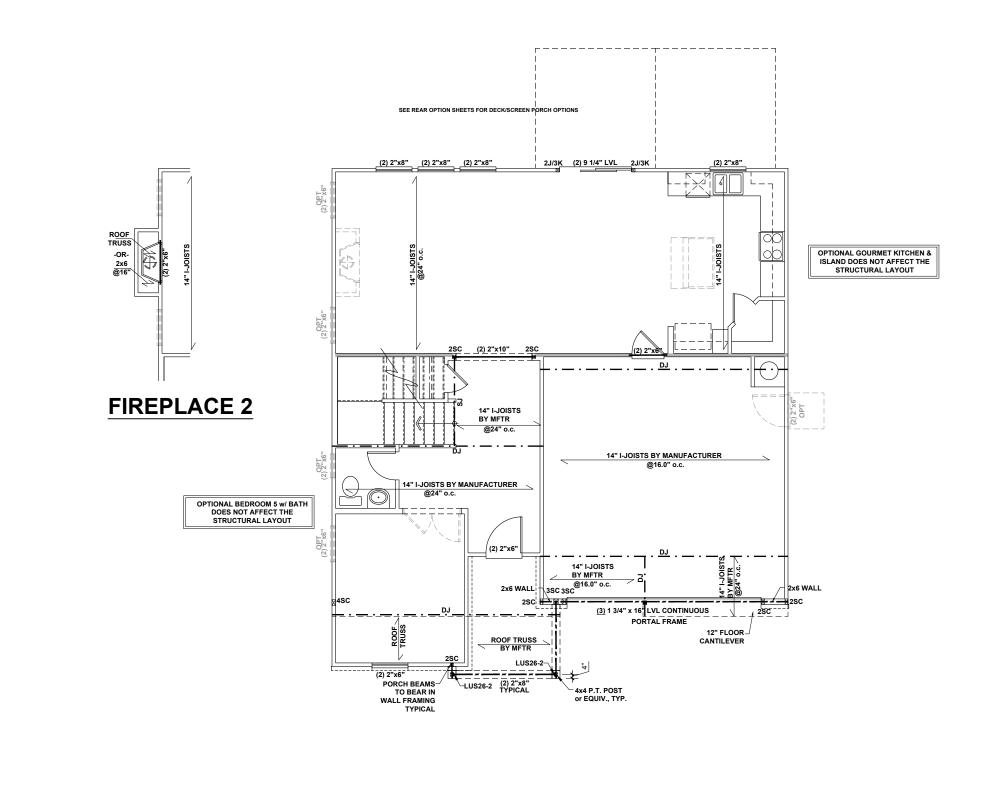


SEE REAR OPTION SHEETS FOR SPECIFIED REAR OPTION.

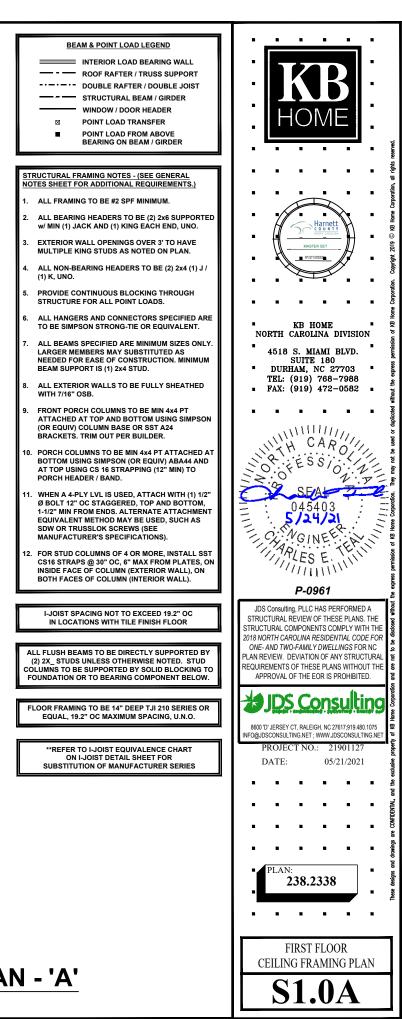
CRAWL SPACE FOUNDATION PLAN - 'A'

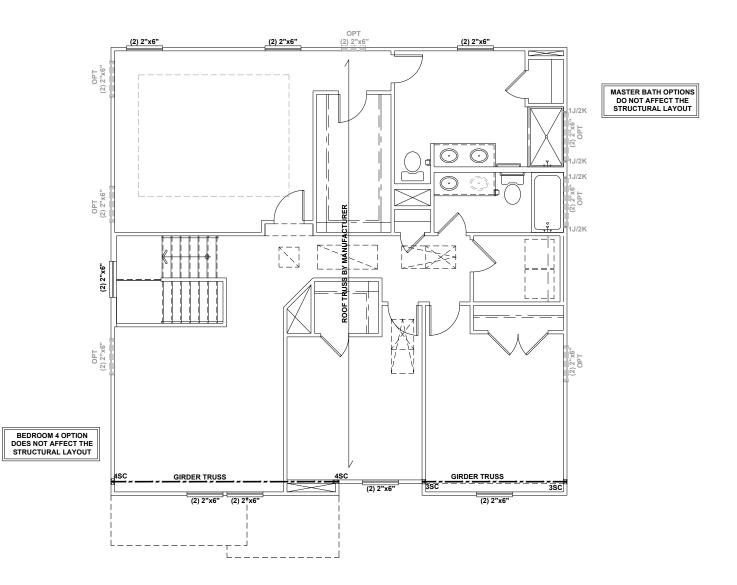
BEAM & POINT LOAD LEGEND				
INTERIOR LOAD BEARING WALL				
- ROOF RAFTER / TRUSS SUPPORT				
DOUBLE RAFTER / DOUBLE JOIST				
WINDOW / DOOR HEADER				
POINT LOAD TRANSFER POINT LOAD FROM ABOVE				
BEARING ON BEAM / GIRDER				
FOUNDATION STRUCTURAL NOTES:				
1. CONCRETE BLOCK PIER SIZE SHALL BE:				
SIZE HOLLOW MASONRY SOLID MASONRY				
8x16 UP TO 32" HIGH UP TO 5'-0" HIGH				
12x16 UP TO 48" HIGH UP TO 9'-0" HIGH 16x16 UP TO 64" HIGH UP TO 12'-0" HIGH				
24x24 UP TO 96" HIGH				
WITH 30" x 30" x 10" CONCRETE FOOTING, UNO.				
FLOOR FRAMING TO BE 11 7/8" DEEP TJI 210 SERIES OR EQUAL, 19.2" OC MAXIMUM SPACING				
**REFER TO I-JOIST EQUIVALENCE CHART				
ON I-JOIST DETAIL SHEET FOR SUBSTITUTION OF MANUFACTURER SERIES				
I-JOIST SPACING NOT TO EXCEED 19.2" OC				
IN LOCATIONS WITH TILE FINISH FLOOR				
8"x16" PIERS AT FOUNDATION WALL SUPPORTING				
DROPPED GIRDER TO HAVE A 30"x10"x8" FOOTING PROJECTION FROM THE MAIN WALL FOOTING.				
(1) #5 REBAR @ CENTER OF ALL PERIMETER FOOTINGS. (2" C.C. MIN)				



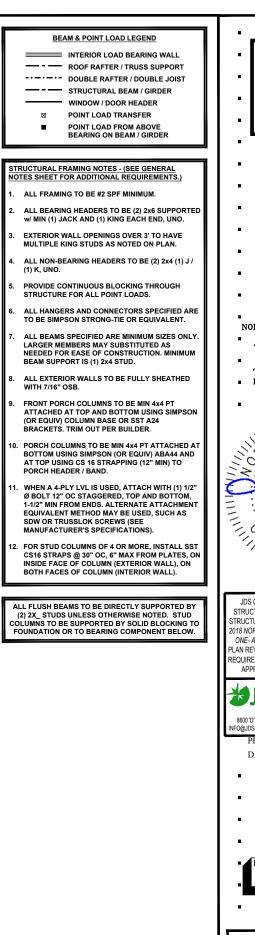


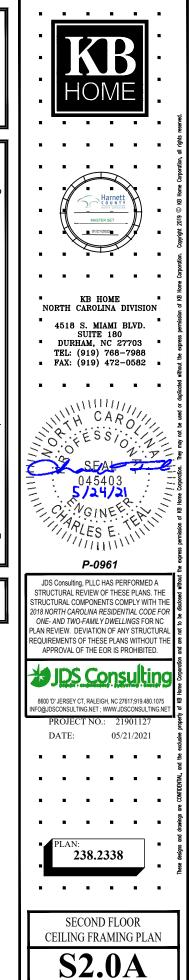
FIRST FLOOR CEILING FRAMING PLAN - 'A'





SECOND FLOOR CEILING FRAMING PLAN - 'A'

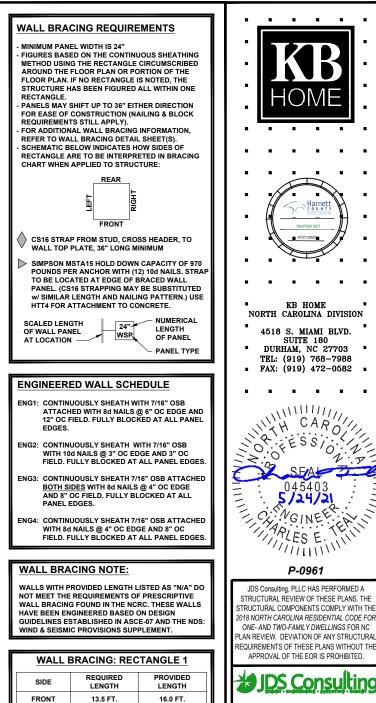




REMOVE THIS BRACE PANEL WHEN THE 48" WSP 44" 44" WSP 48" WSP 42" WSP OPTIONAL WINDOW IS WSP INSTALLED • 48" WSP 48" WSP 48" WSP ОЮ 48" WSP ob 65 48" WSP 48" WSP **FIREPLACE 2** 48" WSP 48" WSP 48" WSP PORTAL FRAME ----27" PF 27" PF 48" WSP 48" WSP 36" WSP

FIRST FLOOR WALL BRACING PLAN - 'A'

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



16.0 FT. 8600 'D' JERSEY CT, RALEIGH, NC 27617;919.480.1075 16.0 FT. FO@JDSCONSULTING.NET ; WWW.JDSCONSULTING.N 15.16 FT. PROJECT NO.: 21901127 DATE: 16.0 FT.

05/21/2021

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FIRST FLOOR WALL BRACING PLAN

S4.0A

PLAN

LEFT

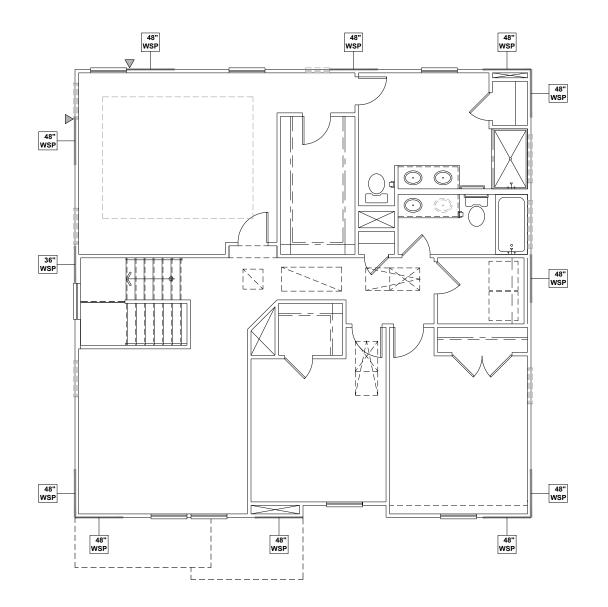
REAR

RIGHT

11.0 FT.

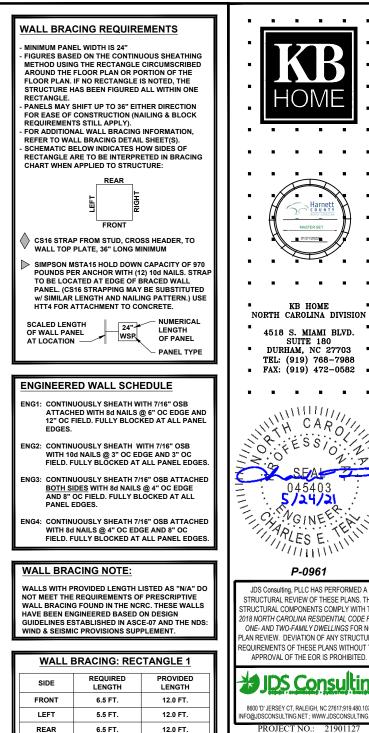
13.5 FT.

11.0 FT.



SECOND FLOOR WALL BRACING PLAN - 'A'

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



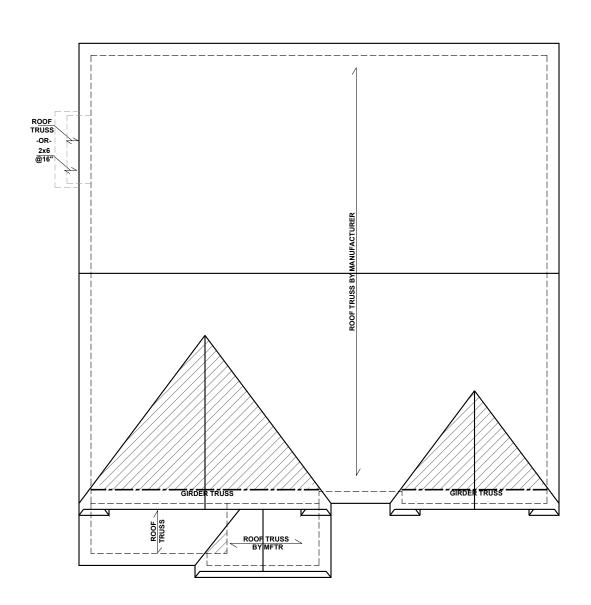


RIGHT

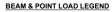
5.5 FT.

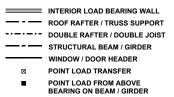
11.0 FT.

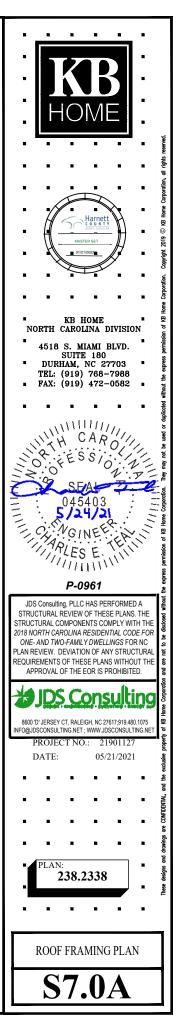


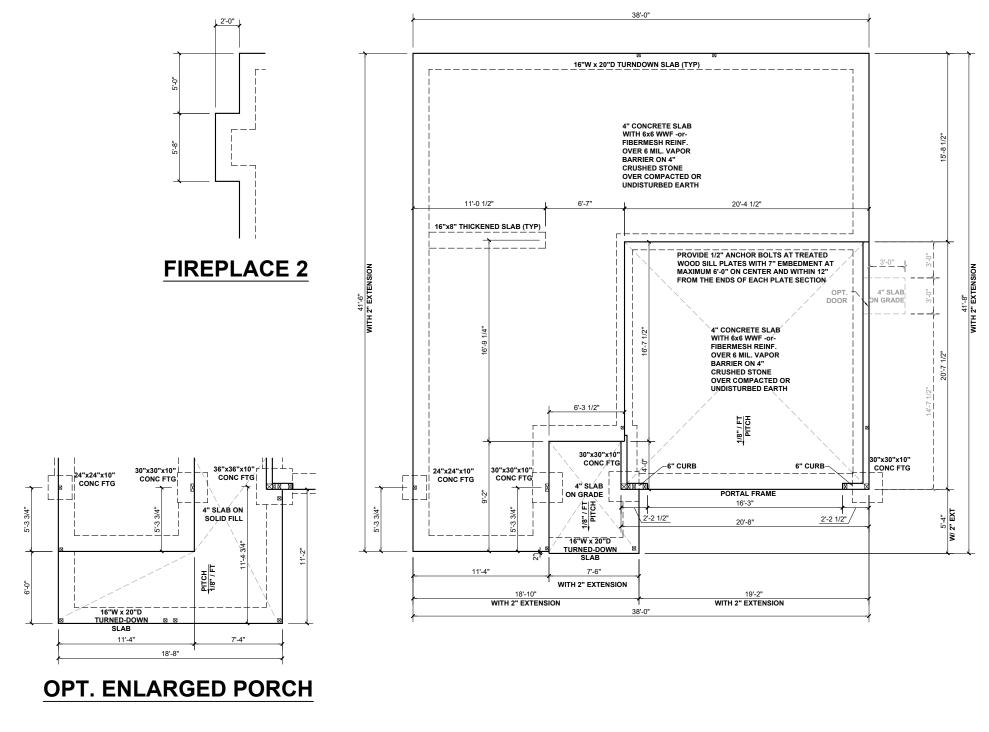


ROOF FRAMING PLAN - 'A'









SLAB FOUNDATION PLAN - 'B'

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

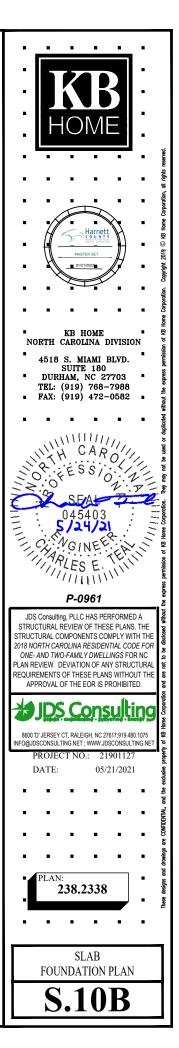
BEAM & POINT LOAD LEGEND INTERIOR LOAD BEARING WALL ----- ROOF RAFTER / TRUSS SUPPORT ----- DOUBLE RAFTER / DOUBLE JOIST ------ STRUCTURAL BEAM / GIRDER WINDOW / DOOR HEADER POINT LOAD TRANSFER POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

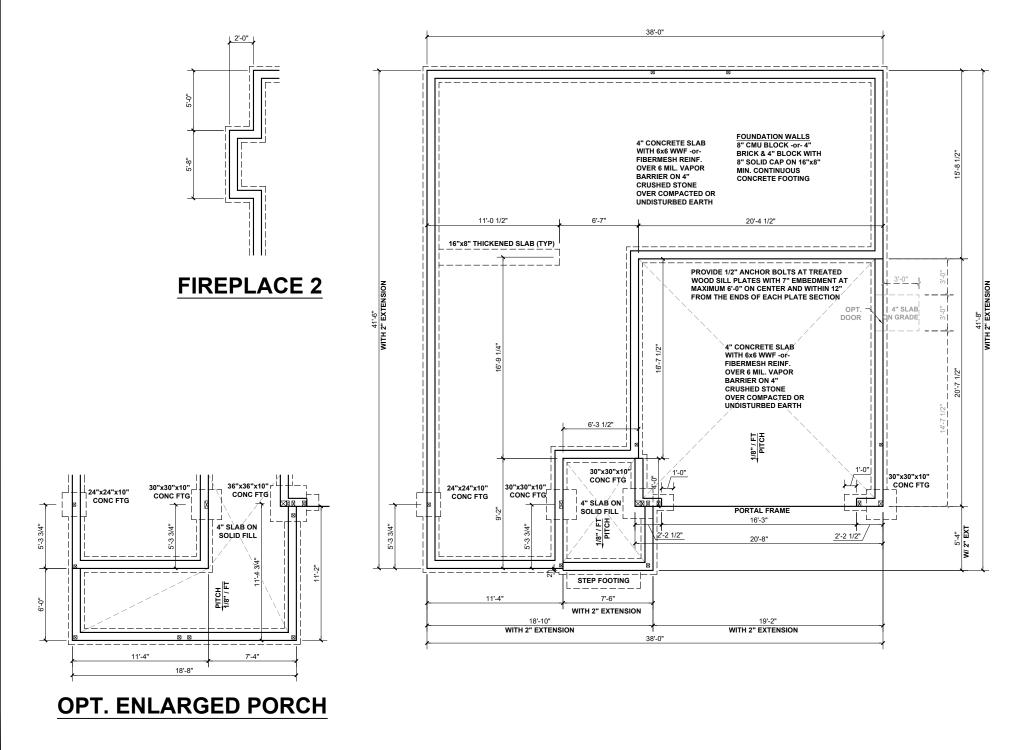
(1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)

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

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- MANUFACTURES SPECIFICATIONS





STEM WALL FOUNDATION PLAN - 'B'

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

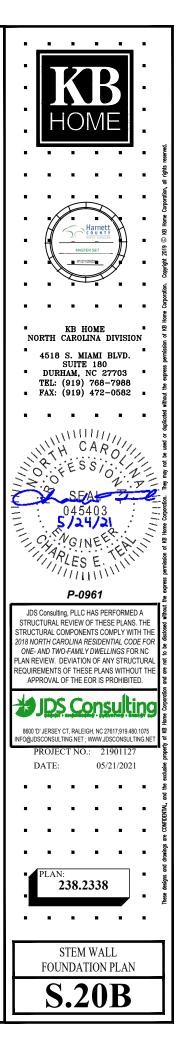
BEAM & POINT LOAD LEGEND INTERIOR LOAD BEARING WALL ----- ROOF RAFTER / TRUSS SUPPORT ----- DOUBLE RAFTER / DOUBLE JOIST ------ STRUCTURAL BEAM / GIRDER WINDOW / DOOR HEADER POINT LOAD TRANSFER POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

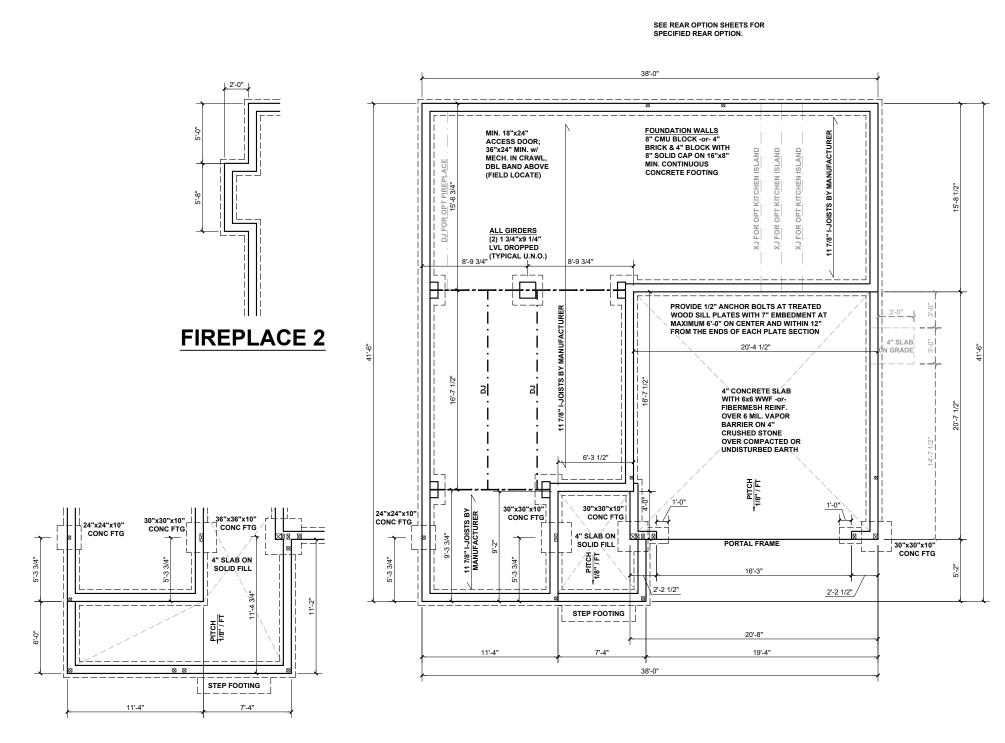
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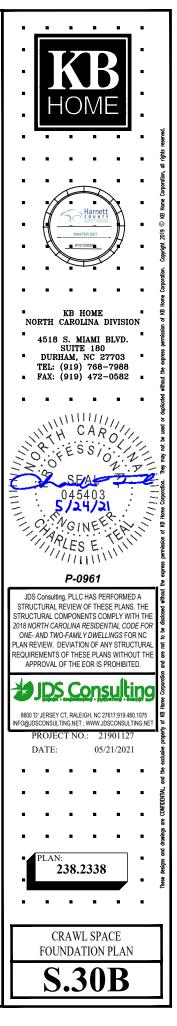


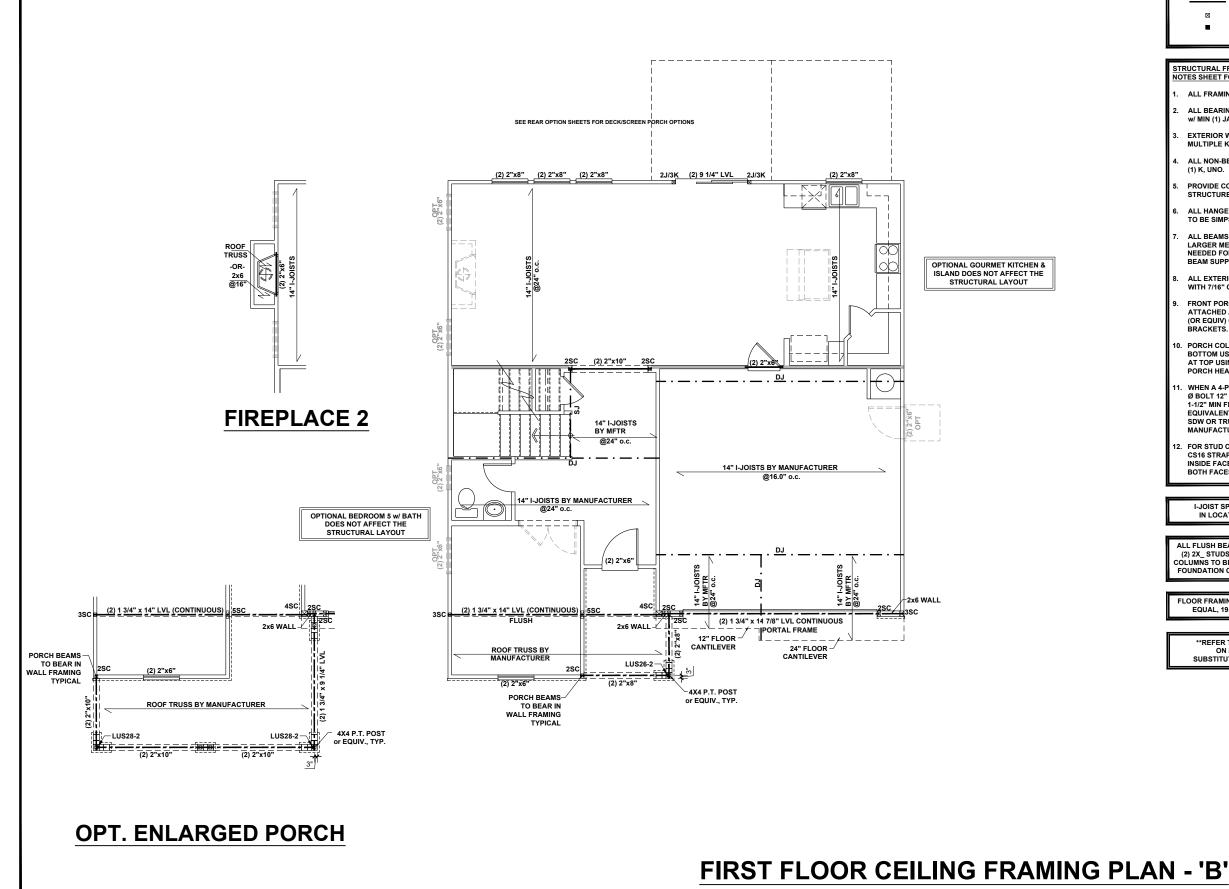


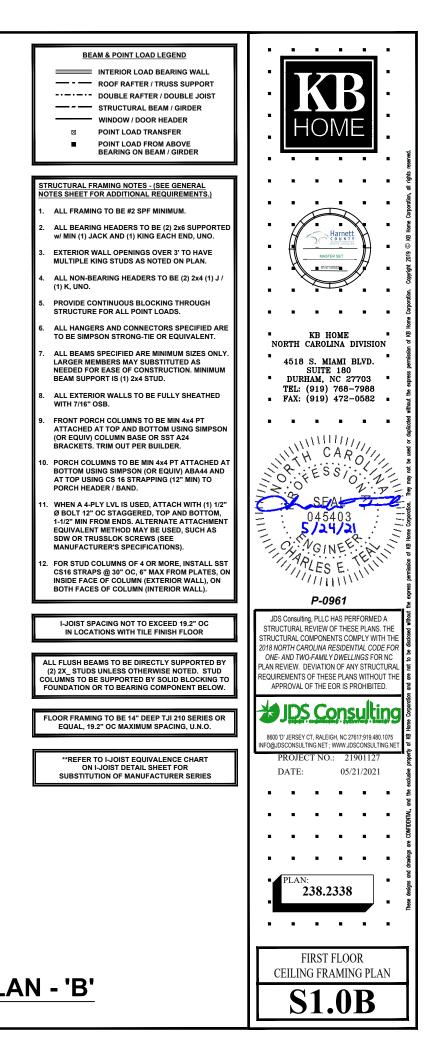
OPT. ENLARGED PORCH

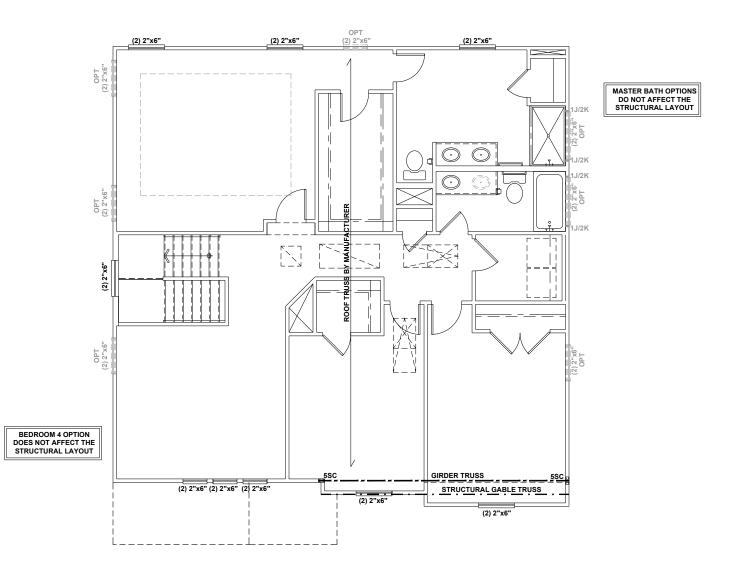
CRAWL SPACE FOUNDATION PLAN - 'B'

BE4	AM & POINT LOAD	LEGEND		
	INTERIOR LOAD	BEARING WALL		
	ROOF RAFTER / 1			
		R / DOUBLE JOIST		
	STRUCTURAL BE			
	WINDOW / DOOR			
	POINT LOAD TRA			
-	BEARING ON BEA			
FOUND	DATION STRUCTUR	RAL NOTES:		
1. CONCR	ETE BLOCK PIER	SIZE SHALL BE:		
<u>SIZE HOI</u>	LLOW MASONRY	SOLID MASONRY		
	P TO 32" HIGH	UP TO 5'-0" HIGH		
	P TO 48" HIGH	UP TO 9'-0" HIGH		
	IP TO 64" HIGH IP TO 96" HIGH	UP TO 12'-0" HIGH		
WITH 30" x 3	0" x 10" CONCRET	E FOOTING, UNO.		
	AMING TO BE 11 7/ QUAL, 19.2" OC M	/8" DEEP TJI 210 AXIMUM SPACING		
**REFER TO I-JOIST EQUIVALENCE CHART				
ON I-JOIST DETAIL SHEET FOR SUBSTITUTION OF MANUFACTURER SERIES				
SUBSTITUTION OF MANUFACTURER SERIES				
	ACING NOT TO EX			
		WALL SUPPORTING		
	N FROM THE MAIN	0"x10"x8" FOOTING I WALL FOOTING.		
(1) #	5 REBAR @ CENTE			
	ETER FOOTINGS.			

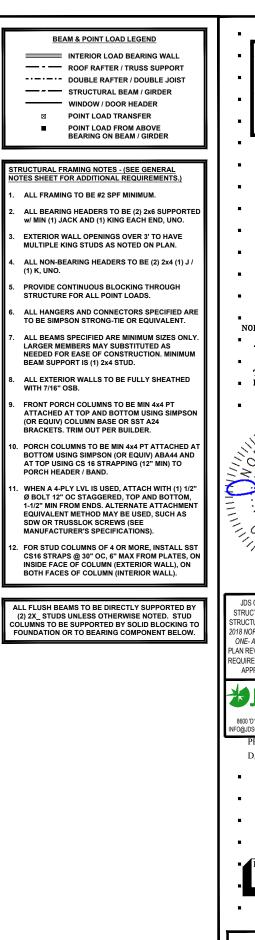


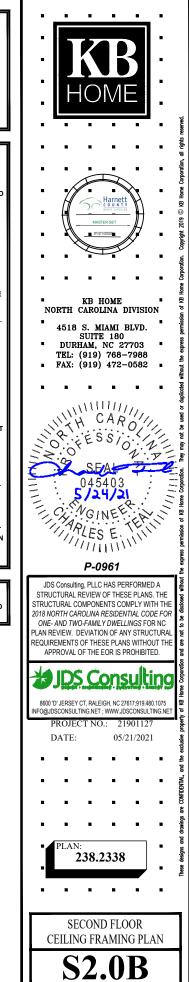






SECOND FLOOR CEILING FRAMING PLAN - 'B'

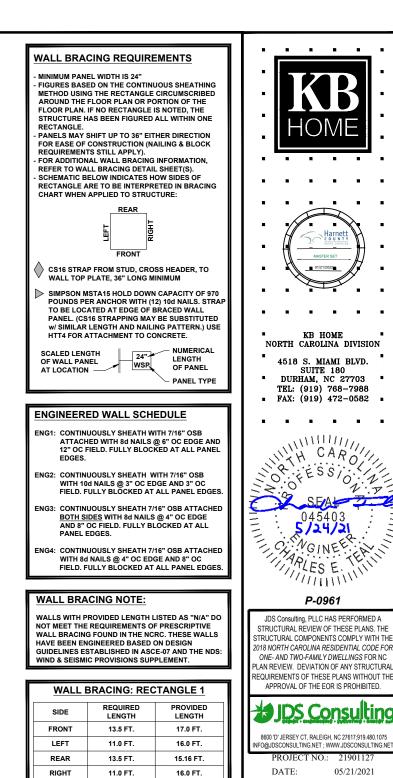




REMOVE THIS BRACE PANEL WHEN THE 48" WSP 44" 44" WSP 48" WSP 42" WSP OPTIONAL WINDOW IS WSP INSTALLED ·≻⁄ ill • || 48" WSP 48" WSP 48" WSP ОЮ 48" WSP b 65 48" WSP 48" WSP **FIREPLACE 2** 48" WSP 48" WSP 48" WSP PORTAL FRAME _____ 27" PF ____27" _____PF 48" WSP : jiiii 48" WSP 48" WSP

FIRST FLOOR WALL BRACING PLAN - 'B'

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



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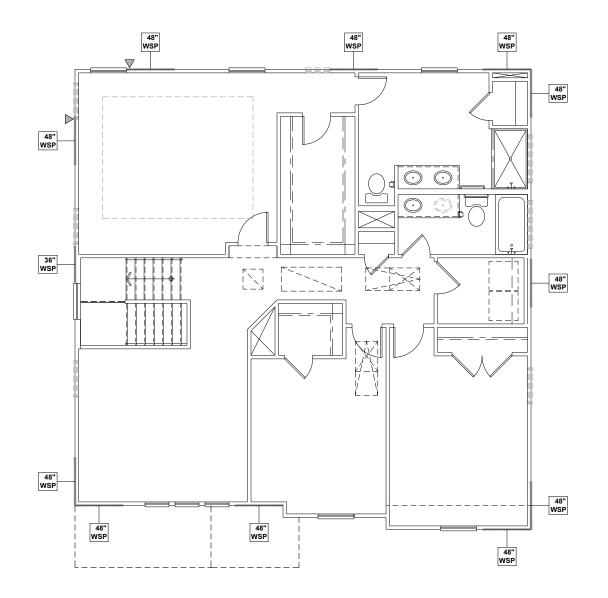
238.2338

. . . .

FIRST FLOOR WALL BRACING PLAN

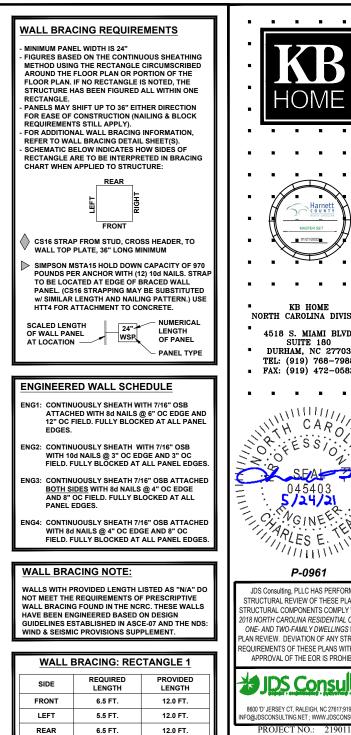
S4.0B

PLAN



SECOND FLOOR WALL BRACING PLAN - 'B'

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

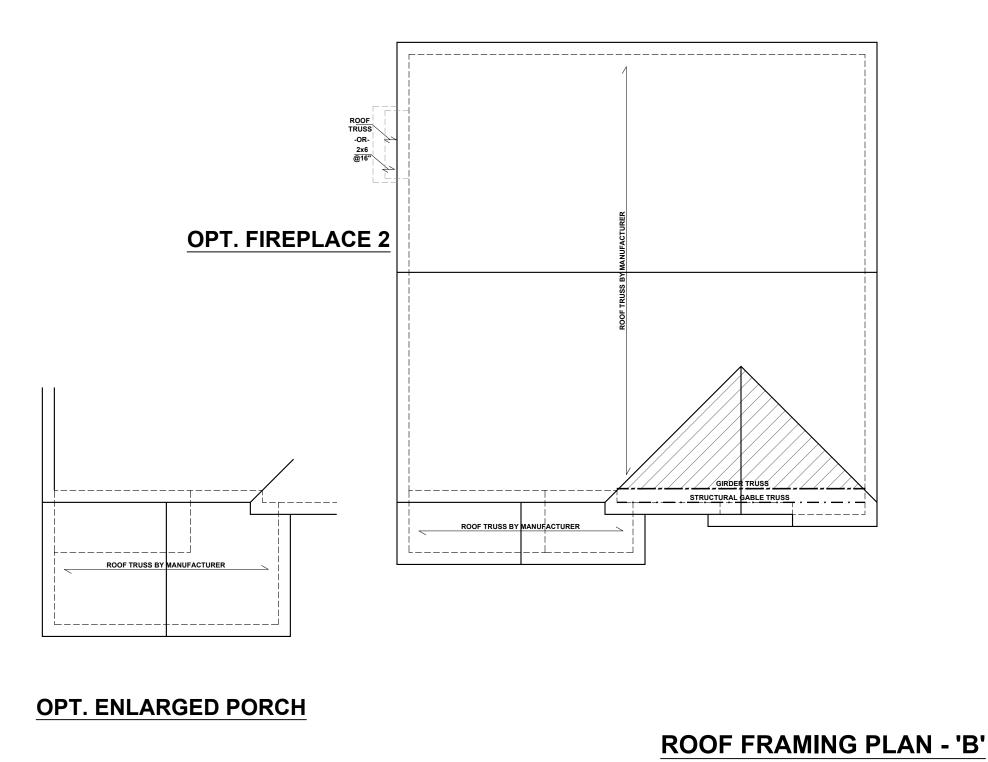


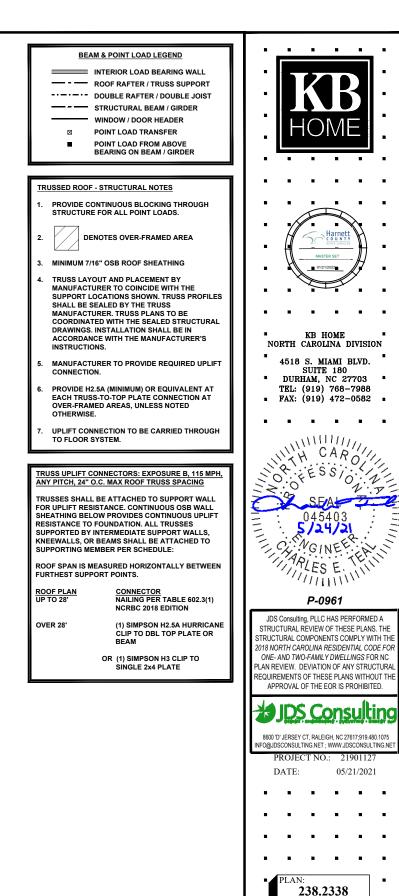
RIGHT

5.5 FT.

11.0 FT.



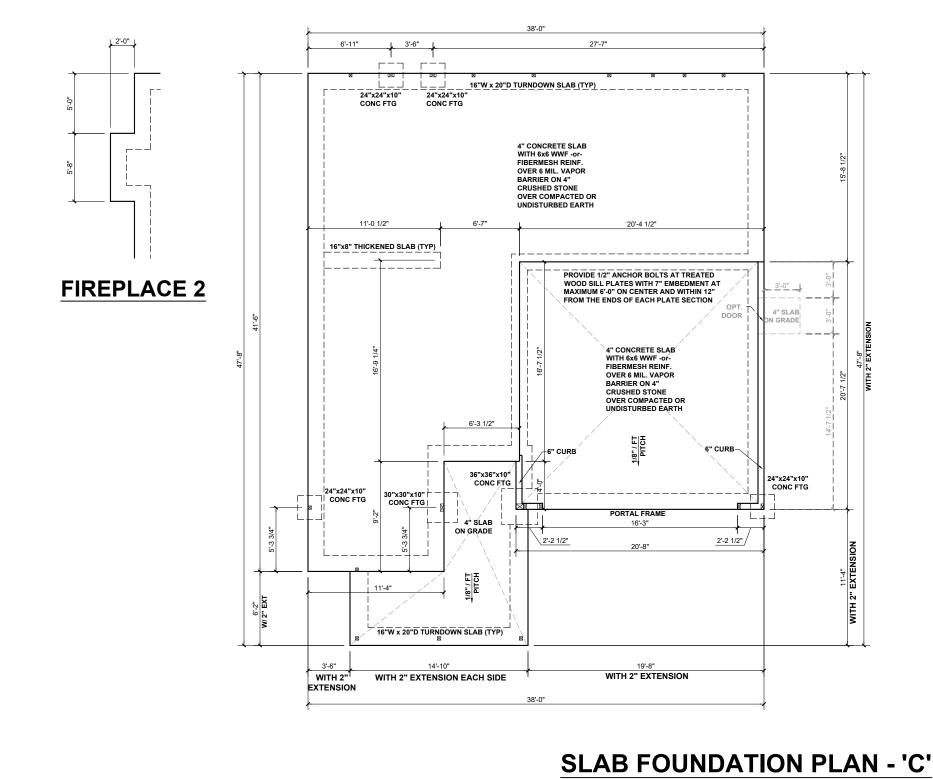




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ROOF FRAMING PLAN

S7.0B



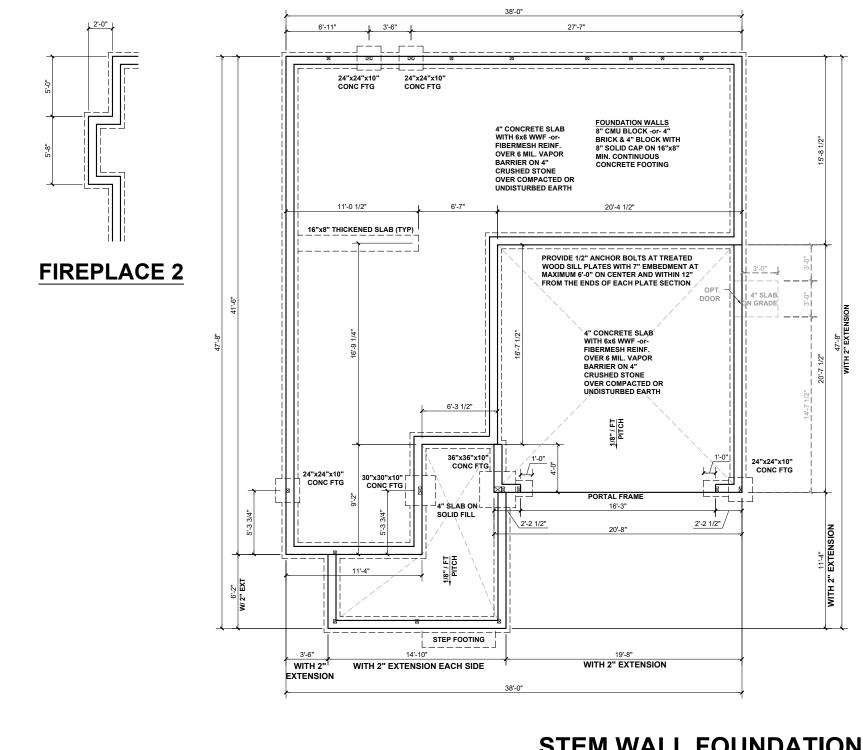
BEAM & POINT LOAD LEGEND INTERIOR LOAD BEARING WALL ----- ROOF RAFTER / TRUSS SUPPORT ----- DOUBLE RAFTER / DOUBLE JOIST ------ STRUCTURAL BEAM / GIRDER WINDOW / DOOR HEADER POINT LOAD TRANSFER POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

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

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

- MANUFACTURES SPECIFICATIONS
- NO SUBSTITUTION ALLOWED IN SLABS INSTALLED ON RAISED METAL DECKING NO SUBSTITUTION ALLOWED IN SLABS WITH GRADE BEAMS UNLESS A REBAR MAT IS INSTALLED NO SUBSTITUTION ALLOWED IF ANY SOILS HAVE BEEN FOUND TO BE EXPANSIVE SOILS ON SITE NO SUBSTITUTION ALLOWED FOR SLAB POURS DIRECTLY ON GRADE; A 4" BASE MATERIAL OF CRUSHED STONE OR WELL DRAINING CLEAN SAND IS REQUIRED FOR SUBSTITUTION NO SUBSTITUTION ALLOWED FOR ANY SITES WITH A DCP BLOW COUNT OF 10 OR LESS. FIBER MIX VOLUMES MUST BE FOLLOWED PER THE MANUFACTURES SPECIFICATIONS .





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

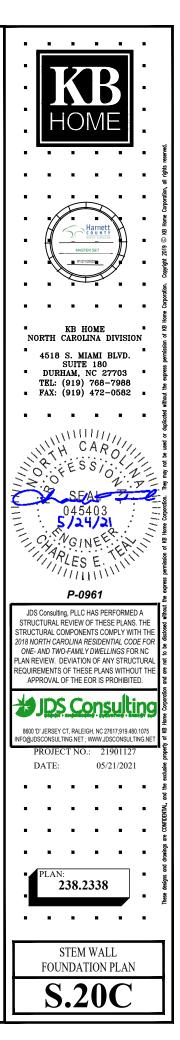
STEM WALL FOUNDATION PLAN - 'C'

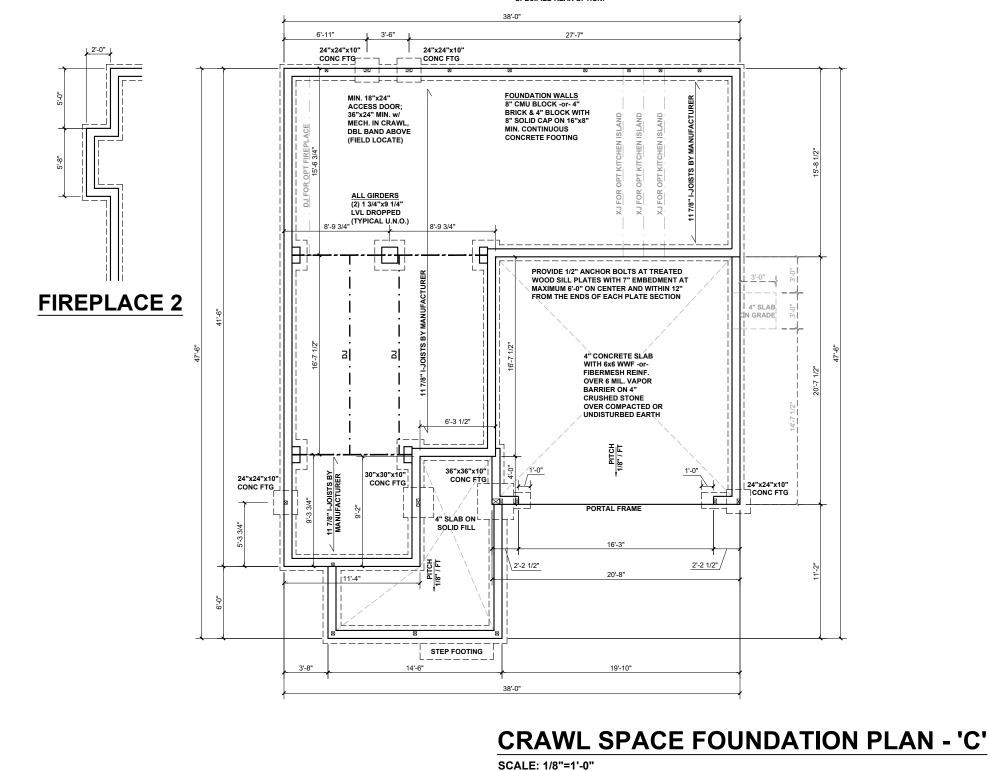
BEAM & POINT LOAD LEGEND INTERIOR LOAD BEARING WALL ----- ROOF RAFTER / TRUSS SUPPORT ----- DOUBLE RAFTER / DOUBLE JOIST ------ STRUCTURAL BEAM / GIRDER WINDOW / DOOR HEADER POINT LOAD TRANSFER POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

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

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

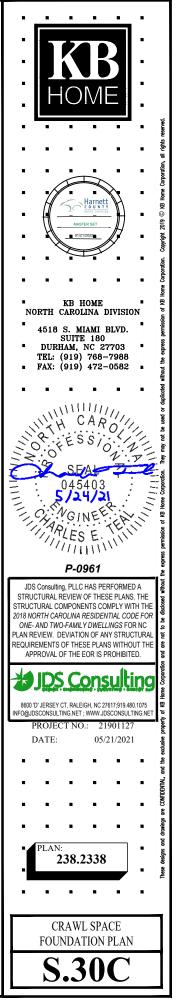
- NO SUBSTITUTION ALLOWED IN SLABS INSTALLED ON RAISED METAL DECKING NO SUBSTITUTION ALLOWED IN SLABS WITH GRADE BEAMS UNLESS A REBAR MAT IS INSTALLED NO SUBSTITUTION ALLOWED IF ANY SOILS HAVE BEEN FOUND TO BE EXPANSIVE SOILS ON SITE NO SUBSTITUTION ALLOWED FOR SLAB POURS DIPECTU YOU COADELA OF DASE MADE TO LE
- NO SUBSTITUTION ALLOWED FOR SLAB POURS DIRECTLY ON GRADE; A " BASE MATERIAL OF CRUSHED STONE OR WELL DRAINING CLEAN SAND IS REQUIRED FOR SUBSTITUTION NO SUBSTITUTION ALLOWED FOR ANY SITES WITH A DCP BLOW COUNT OF 10 OR LESS. FIBER MIX VOLUMES MUST BE FOLLOWED PER THE MANUFACHING ORGEN
- MANUFACTURES SPECIFICATIONS

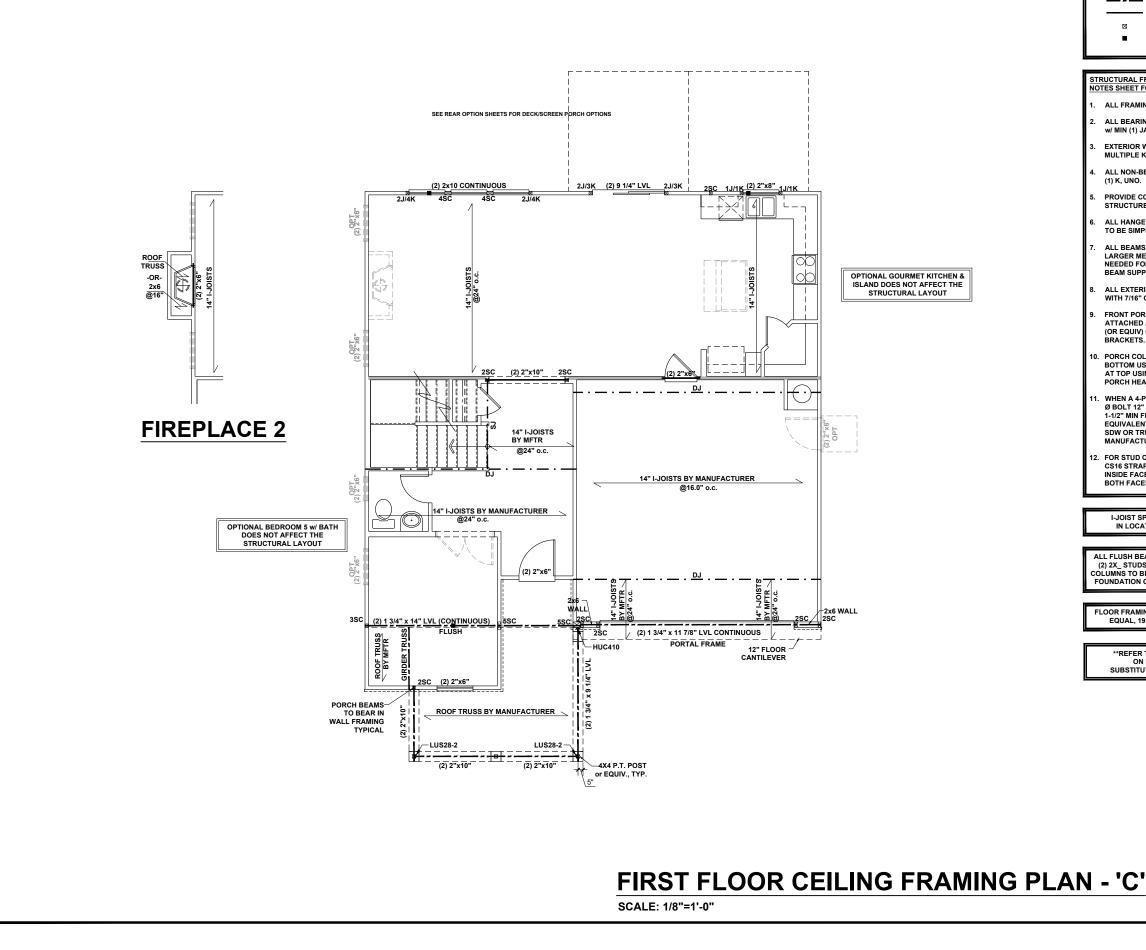


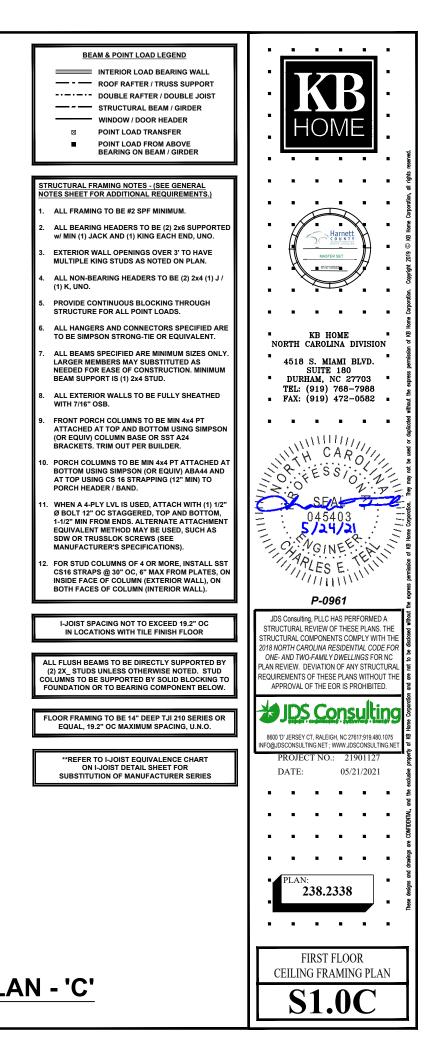


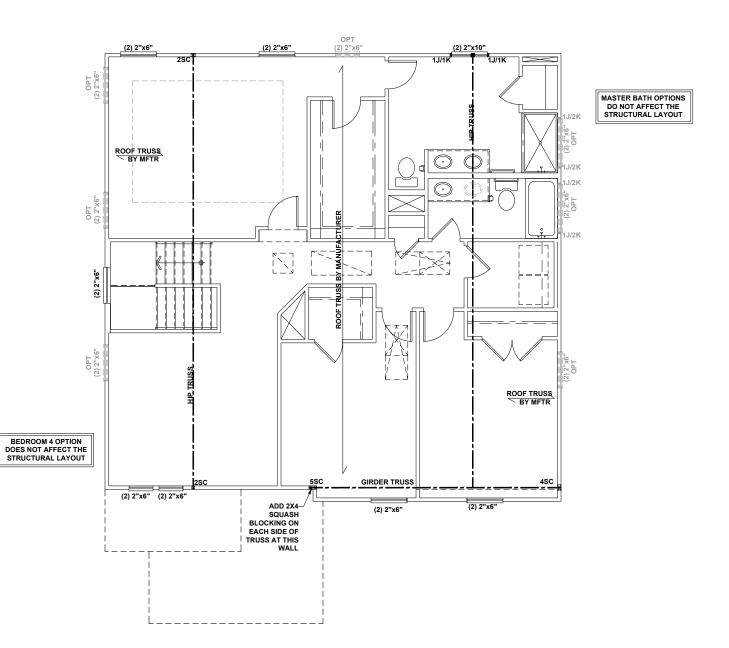
SEE REAR OPTION SHEETS FOR SPECIFIED REAR OPTION.

BEAM & POINT LOAD LEGEND
INTERIOR LOAD BEARING WALL
ROOF RAFTER / TRUSS SUPPORT
DOUBLE RAFTER / DOUBLE JOIST
WINDOW / DOOR HEADER
POINT LOAD TRANSFER POINT LOAD FROM ABOVE
BEARING ON BEAM / GIRDER
FOUNDATION STRUCTURAL NOTES:
1. CONCRETE BLOCK PIER SIZE SHALL BE:
SIZE HOLLOW MASONRY SOLID MASONRY
8x16 UP TO 32" HIGH UP TO 5'-0" HIGH
12x16 UP TO 48" HIGH UP TO 9'-0" HIGH 16x16 UP TO 64" HIGH UP TO 12'-0" HIGH
24x24 UP TO 96" HIGH
WITH 30" x 30" x 10" CONCRETE FOOTING, UNO.
FLOOR FRAMING TO BE 11 7/8" DEEP TJI 210 SERIES OR EQUAL, 19.2" OC MAXIMUM SPACING
**REFER TO I-JOIST EQUIVALENCE CHART
ON I-JOIST DETAIL SHEET FOR SUBSTITUTION OF MANUFACTURER SERIES
I-JOIST SPACING NOT TO EXCEED 19.2" OC
IN LOCATIONS WITH TILE FINISH FLOOR
8"x16" PIERS AT FOUNDATION WALL SUPPORTING
DROPPED GIRDER TO HAVE A 30"x10"x8" FOOTING PROJECTION FROM THE MAIN WALL FOOTING.
(1) #5 REBAR @ CENTER OF ALL PERIMETER FOOTINGS. (2" C.C. MIN)



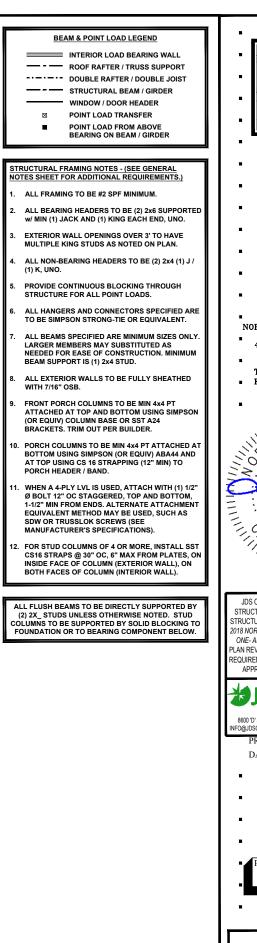






SECOND FLOOR CEILING FRAMING PLAN - 'C'

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

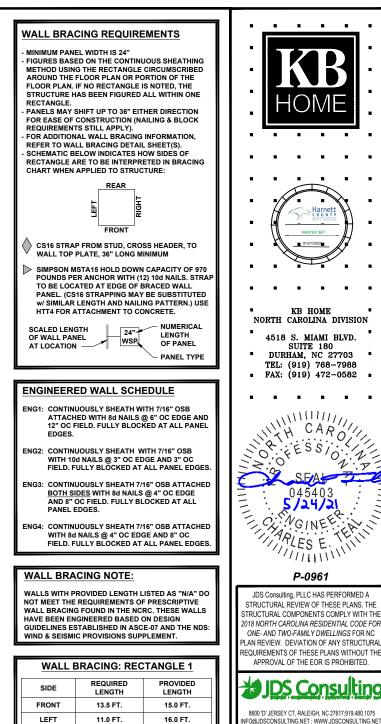


KB HOME NORTH CAROLINA DIVISION 4518 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703 TEL: (919) 768-7988 FAX: (919) 472-0582 WWWWW CARO H ssio. 8 .öfE 0 1 SE/A 045403 A CANALES E. P-0961 JDS Consulting, PLLC HAS PERFORMED A STRUCTURAL REVIEW OF THESE PLANS. THE STRUCTURAL COMPONENTS COMPLY WITH THE 2018 NORTH CAROLINA RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS FOR NC PLAN REVIEW. DEVIATION OF ANY STRUCTURAL REQUIREMENTS OF THESE PLANS WITHOUT TH APPROVAL OF THE EOR IS PROHIBITED. JDS Consulting 8600 'D' JERSEY CT, RALEIGH, NC 27617;919.480.1075 O@JDSCONSULTING.NET ; WWW.JDSCONSULTING.N PROJECT NO.: 2190112' DATE: 05/21/2021 . . PLAN 238.2338 SECOND FLOOR CEILING FRAMING PLAN **S2.0C**

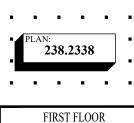
REMOVE THIS BRACE PANEL WHEN THE 48" WSP 44" 44" WSP 48" WSP 42" WSP OPTIONAL WINDOW IS WSP INSTALLED ·≻⁄ ill • || 48" WSP 48" WSP 48" WSP ОЮ 48" WSP b 65 48" WSP 48" WSP **FIREPLACE 2** 48" WSP 48" WSP 48" WSP PORTAL FRAME 27" PF 27" PF 48" WSP 48" WSP 24" WSP ----L _ _ _ _ _

FIRST FLOOR WALL BRACING PLAN - 'C'

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



PROJECT NO.: 21901127 DATE: 05/21/2021



WALL BRACING PLAN

S4.0C

REAR

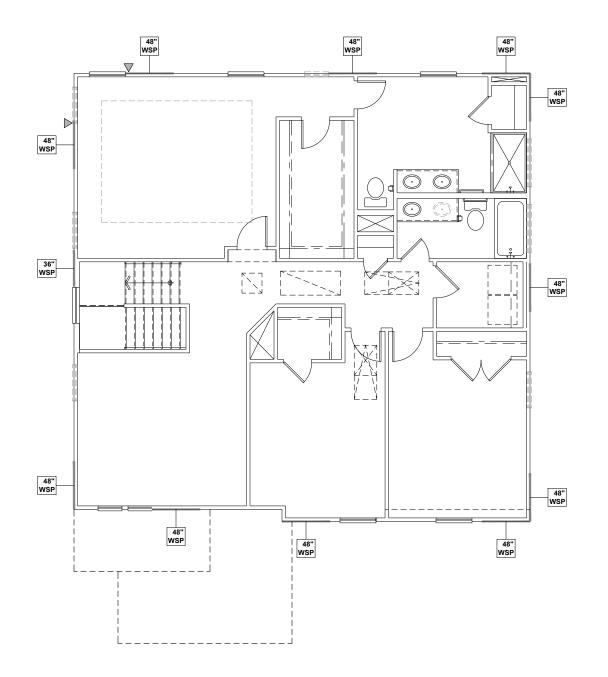
RIGHT

13.5 FT.

11.0 FT.

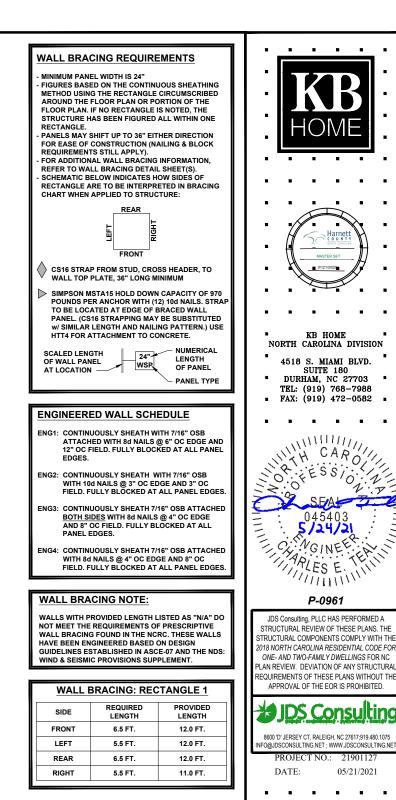
15.16 FT.

16.0 FT.



SECOND FLOOR WALL BRACING PLAN - 'C'

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



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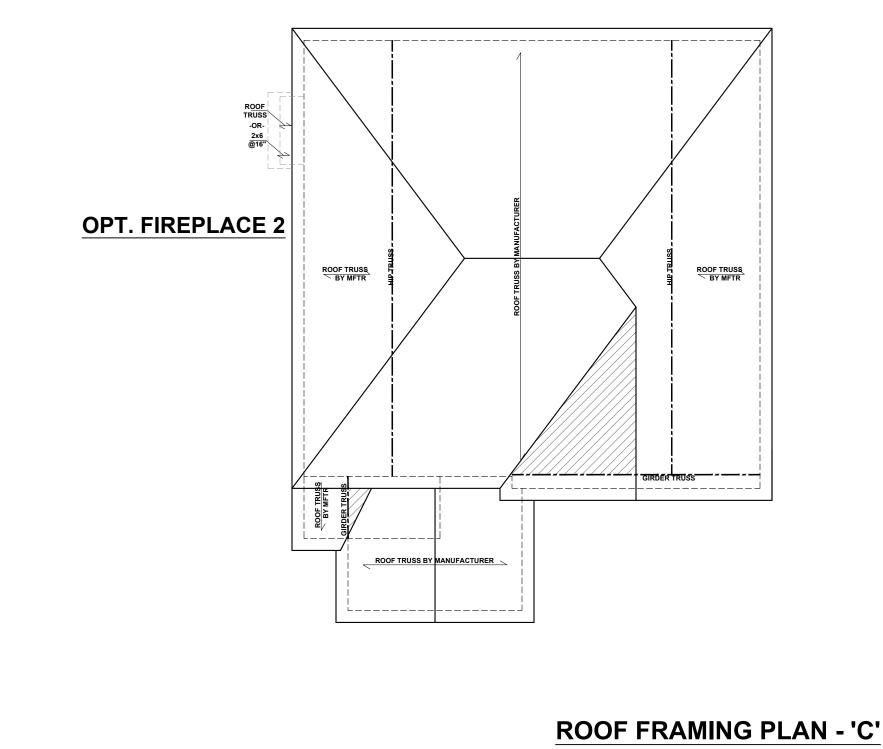
PLAN

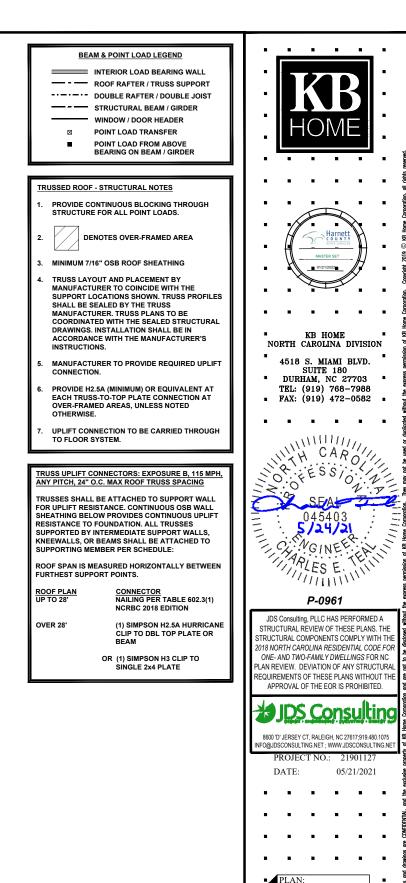
238.2338

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SECOND FLOOR WALL BRACING PLAN

S5.0C





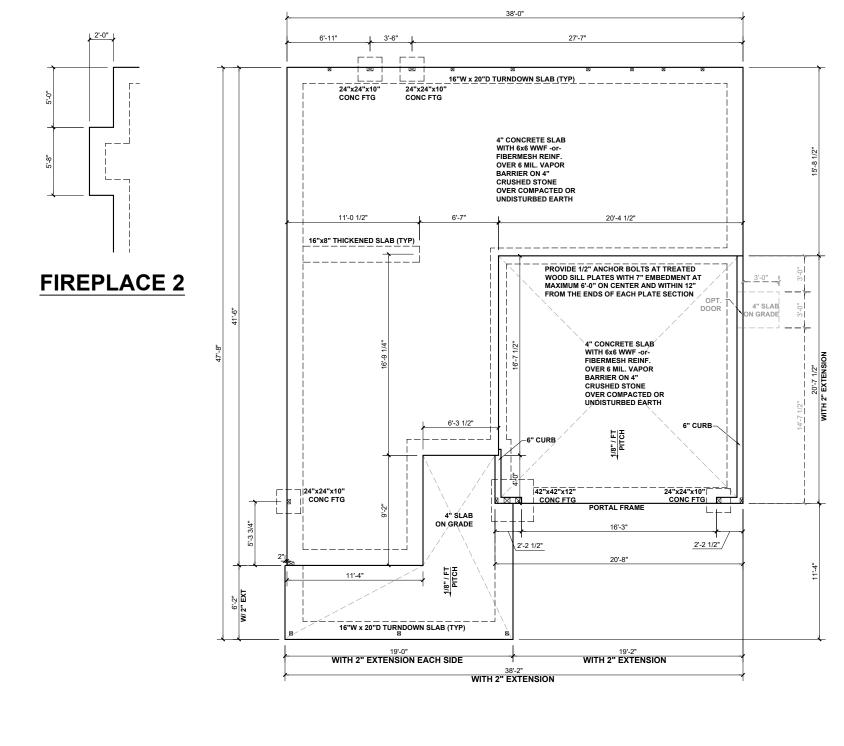
238.2338

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ROOF FRAMING PLAN

S7.0C

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SLAB FOUNDATION PLAN - 'D'

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

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

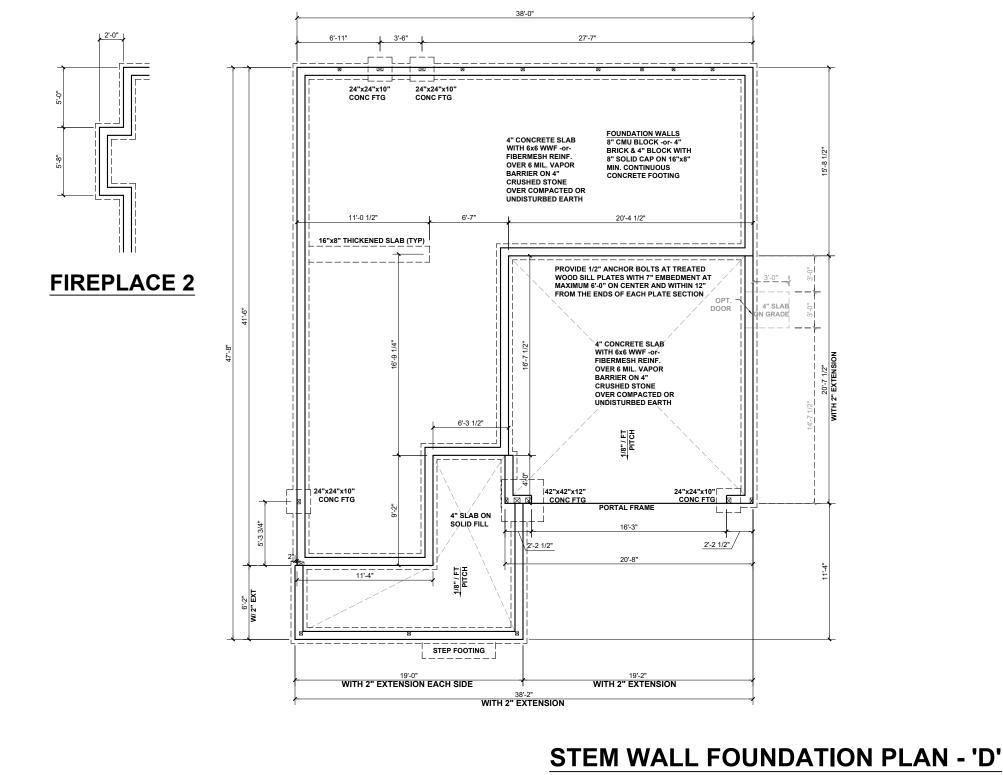
(1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)

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.

- NO SUBSTITUTION ALLOWED IN SLABS INSTALLED ON

- MANUFACTURES SPECIFICATIONS
- NO SUBSTITUTION ALLOWED IN SLABS INSTALLED ON RAISED METAL DECKING NO SUBSTITUTION ALLOWED IN SLABS WITH GRADE BEAMS UNLESS A REBAR MAT IS INSTALLED NO SUBSTITUTION ALLOWED IF ANY SOILS HAVE BEEN FOUND TO BE EXPANSIVE SOILS ON SITE NO SUBSTITUTION ALLOWED FOR SLAB POURS DIRECTLY ON GRADE; A 4" BASE MATERIAL OF CRUSHED STONE OR WELL DRAINING CLEAN SAND IS REQUIRED FOR SUBSTITUTION NO SUBSTITUTION ALLOWED FOR ANY SITES WITH A DCP BLOW COUNT OF 10 OR LESS. FIBER MIX VOLUMES MUST BE FOLLOWED PER THE MANUFACTURES SPECIFICATIONS .





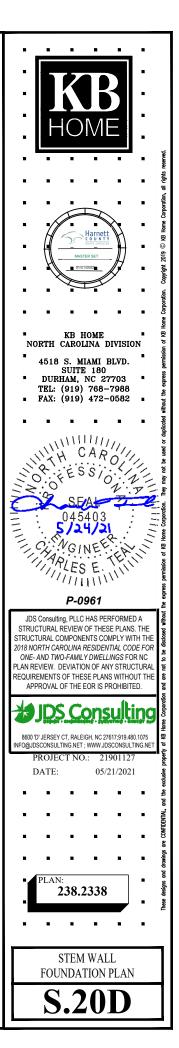
BEAM & POINT LOAD LEGEND INTERIOR LOAD BEARING WALL ----- ROOF RAFTER / TRUSS SUPPORT ----- DOUBLE RAFTER / DOUBLE JOIST ------ STRUCTURAL BEAM / GIRDER WINDOW / DOOR HEADER POINT LOAD TRANSFER POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

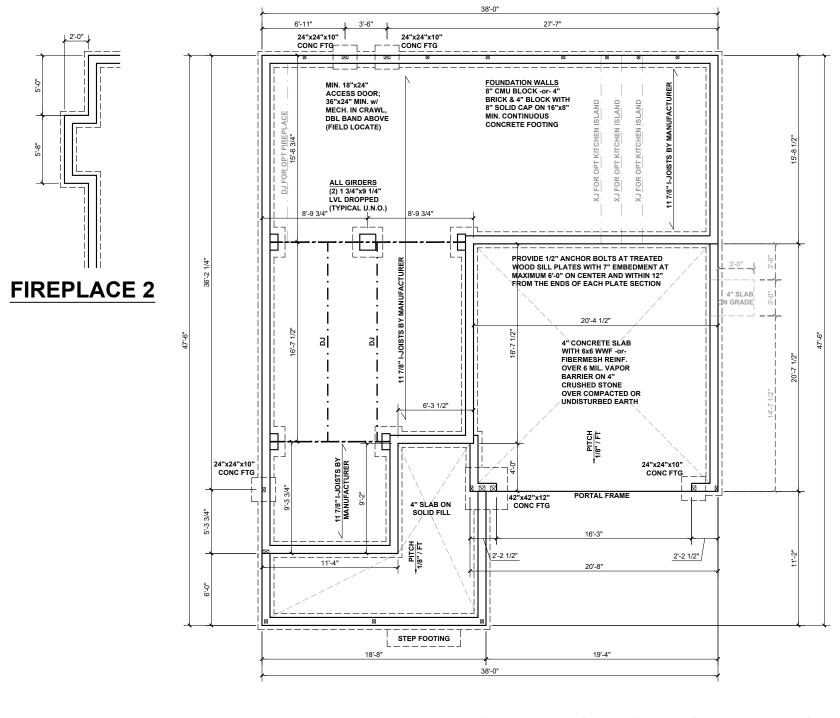
(1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)

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- MANUFACTURES SPECIFICATIONS



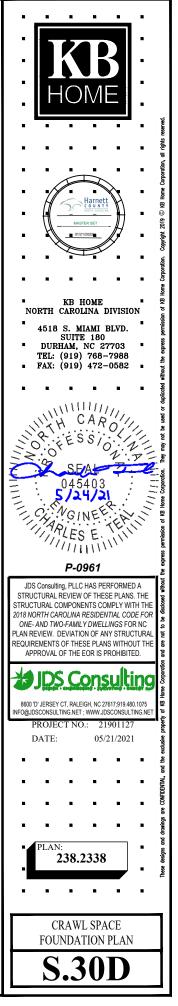


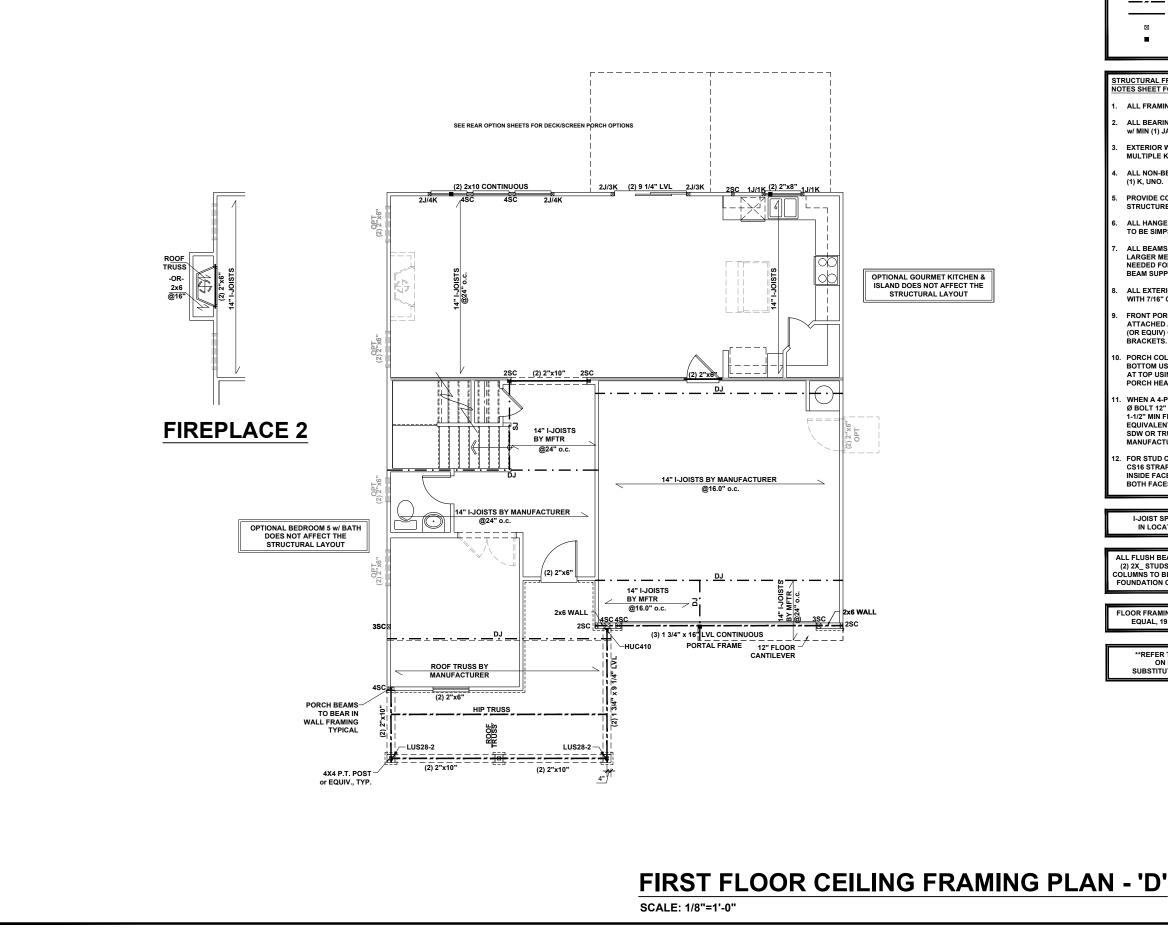
SEE REAR OPTION SHEETS FOR SPECIFIED REAR OPTION.

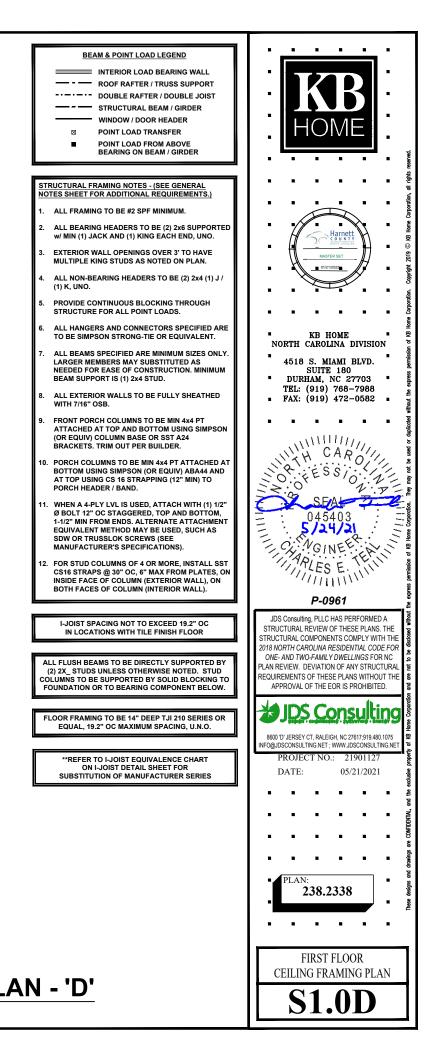
CRAWL SPACE FOUNDATION PLAN - 'D'

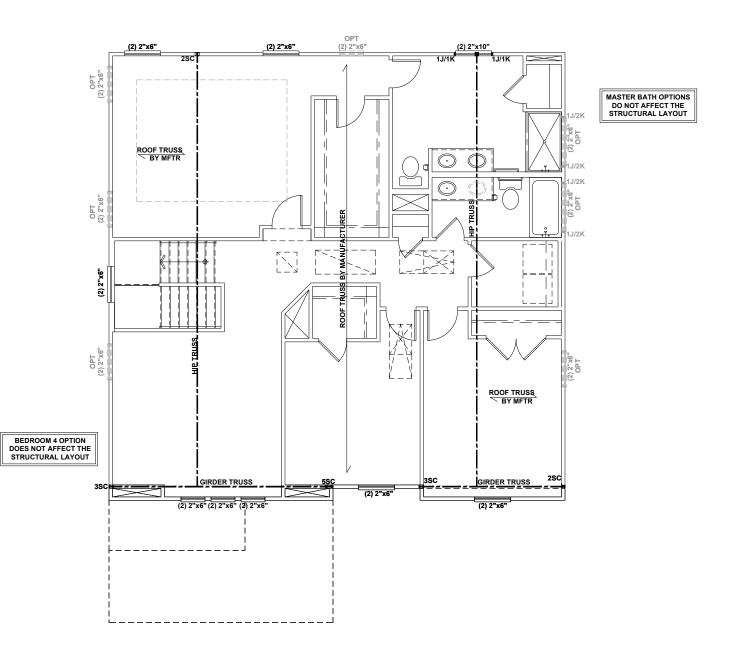
SCALE: 1/8"=1'-0"

BEAM & POINT LOAD LEGEND
INTERIOR LOAD BEARING WALL
ROOF RAFTER / TRUSS SUPPORT
DOUBLE RAFTER / DOUBLE JOIST
- STRUCTURAL BEAM / GIRDER
WINDOW / DOOR HEADER
POINT LOAD TRANSPER POINT LOAD FROM ABOVE
BEARING ON BEAM / GIRDER
FOUNDATION STRUCTURAL NOTES:
1. CONCRETE BLOCK PIER SIZE SHALL BE:
SIZE HOLLOW MASONRY SOLID MASONRY
8x16 UP TO 32" HIGH UP TO 5'-0" HIGH
12x16 UP TO 48" HIGH UP TO 9'-0" HIGH 16x16 UP TO 64" HIGH UP TO 12'-0" HIGH
24x24 UP TO 96" HIGH
WITH 30" x 30" x 10" CONCRETE FOOTING, UNO.
FLOOR FRAMING TO BE 11 7/8" DEEP TJI 210 SERIES OR EQUAL, 19.2" OC MAXIMUM SPACING
**REFER TO I-JOIST EQUIVALENCE CHART
ON I-JOIST DETAIL SHEET FOR SUBSTITUTION OF MANUFACTURER SERIES
I-JOIST SPACING NOT TO EXCEED 19.2" OC IN LOCATIONS WITH TILE FINISH FLOOR
8"x16" PIERS AT FOUNDATION WALL SUPPORTING
DROPPED GIRDER TO HAVE A 30"x10"x8" FOOTING PROJECTION FROM THE MAIN WALL FOOTING.
PROJECTION FROM THE MAIN WALL FOOTING.
(1) #5 REBAR @ CENTER OF ALL PERIMETER FOOTINGS. (2" C.C. MIN)



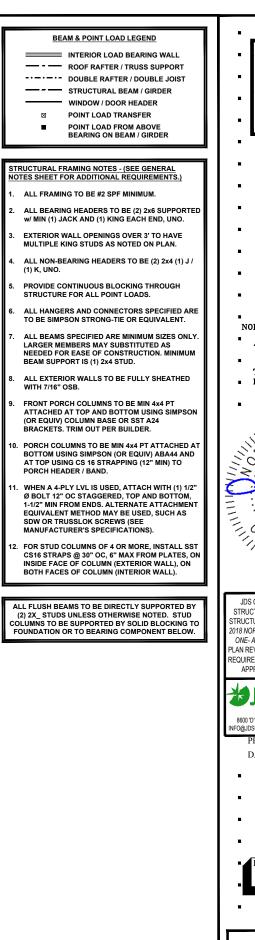






SECOND FLOOR CEILING FRAMING PLAN - 'D'

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



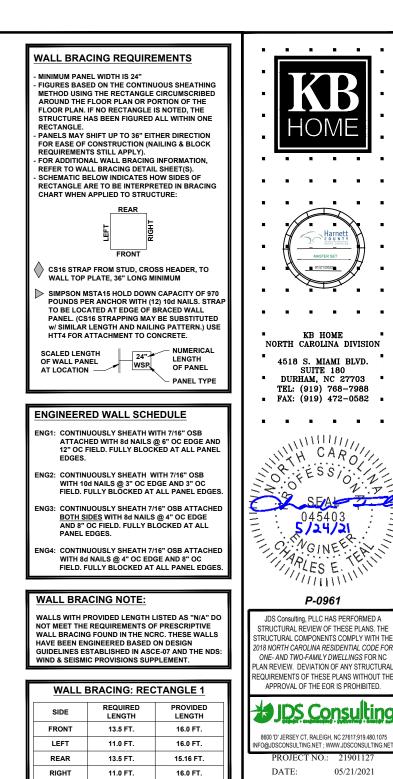
KB HOME NORTH CAROLINA DIVISION 4518 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703 TEL: (919) 768-7988 FAX: (919) 472-0582 MILLIN CARO H sion. 0 ^{iof} SE/A 045403 I CANGINA ARLES E. P-0961 JDS Consulting, PLLC HAS PERFORMED A STRUCTURAL REVIEW OF THESE PLANS. THE STRUCTURAL COMPONENTS COMPLY WITH THE 2018 NORTH CAROLINA RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS FOR NC PLAN REVIEW. DEVIATION OF ANY STRUCTURAL REQUIREMENTS OF THESE PLANS WITHOUT TH APPROVAL OF THE EOR IS PROHIBITED. JDS Consultin 8600 'D' JERSEY CT, RALEIGH, NC 27617;919.480.1075 O@JDSCONSULTING.NET ; WWW.JDSCONSULTING.N PROJECT NO.: 2190112' DATE: 05/21/2021 . . PLAN 238.2338 SECOND FLOOR CEILING FRAMING PLAN

S2.0D

REMOVE THIS BRACE PANEL WHEN THE 48" WSP 44" 44" WSP 48" WSP 42" WSP OPTIONAL WINDOW IS WSP INSTALLED ·≻⁄ ill • || 48" WSP 48" WSP 48" WSP ОЮ 48" WSP b 65 48" WSP 48" WSP **FIREPLACE 2** 48" WSP 48" WSP 48" WSP PORTAL FRAME 27" PF 27" PF 48" WSP 36" 48" WSP WSP [] =============================

FIRST FLOOR WALL BRACING PLAN - 'D'

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



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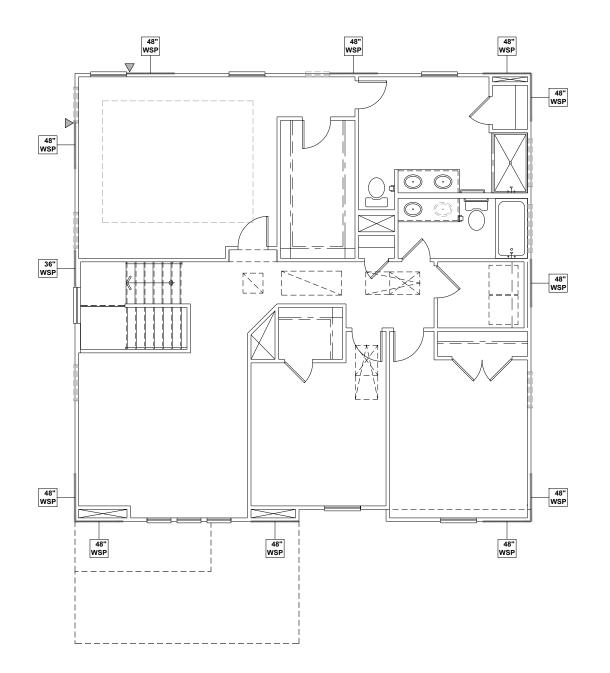
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FIRST FLOOR WALL BRACING PLAN

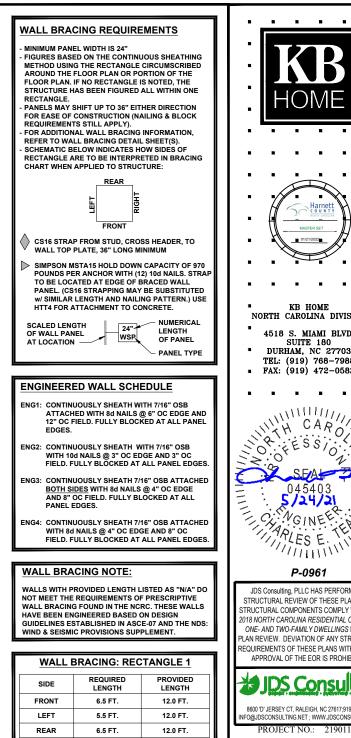
S4.0D

PLAN



SECOND FLOOR WALL BRACING PLAN - 'D'

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



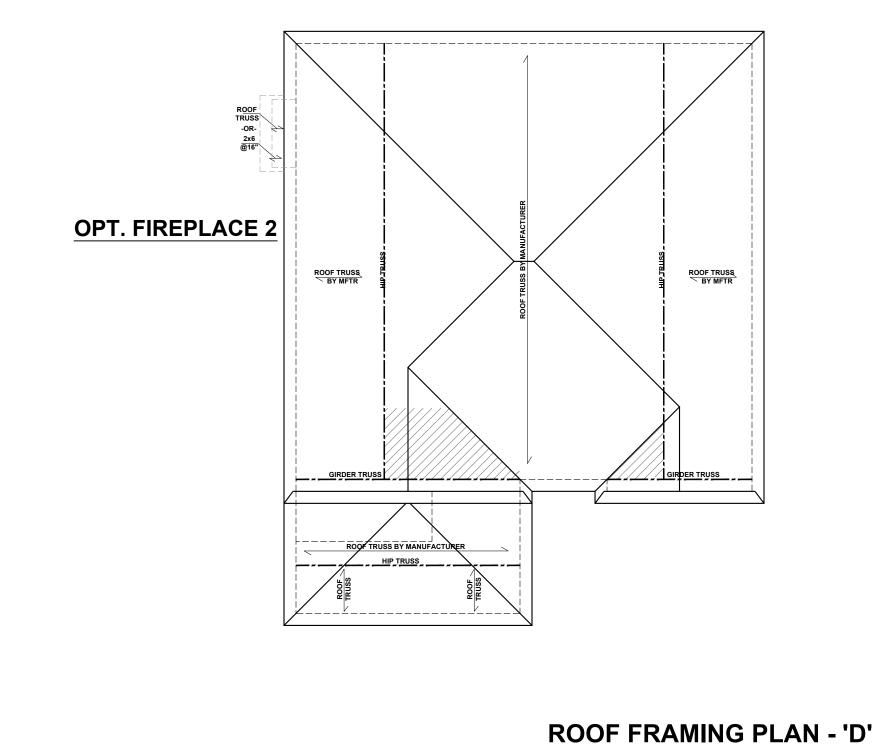


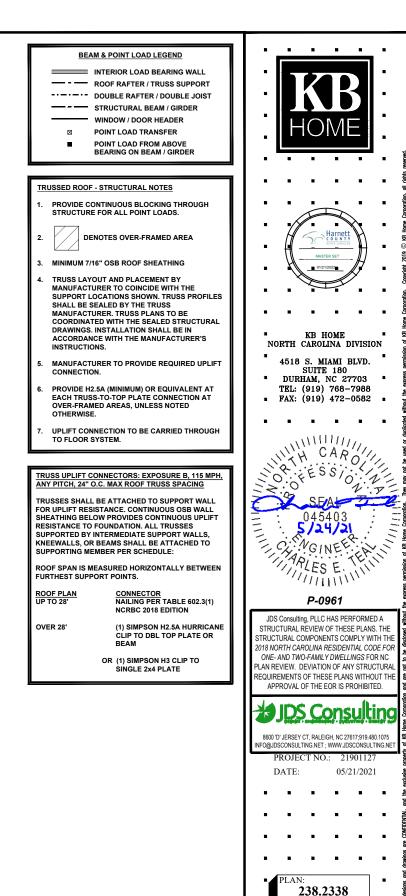
RIGHT

5.5 FT.

11.0 FT.





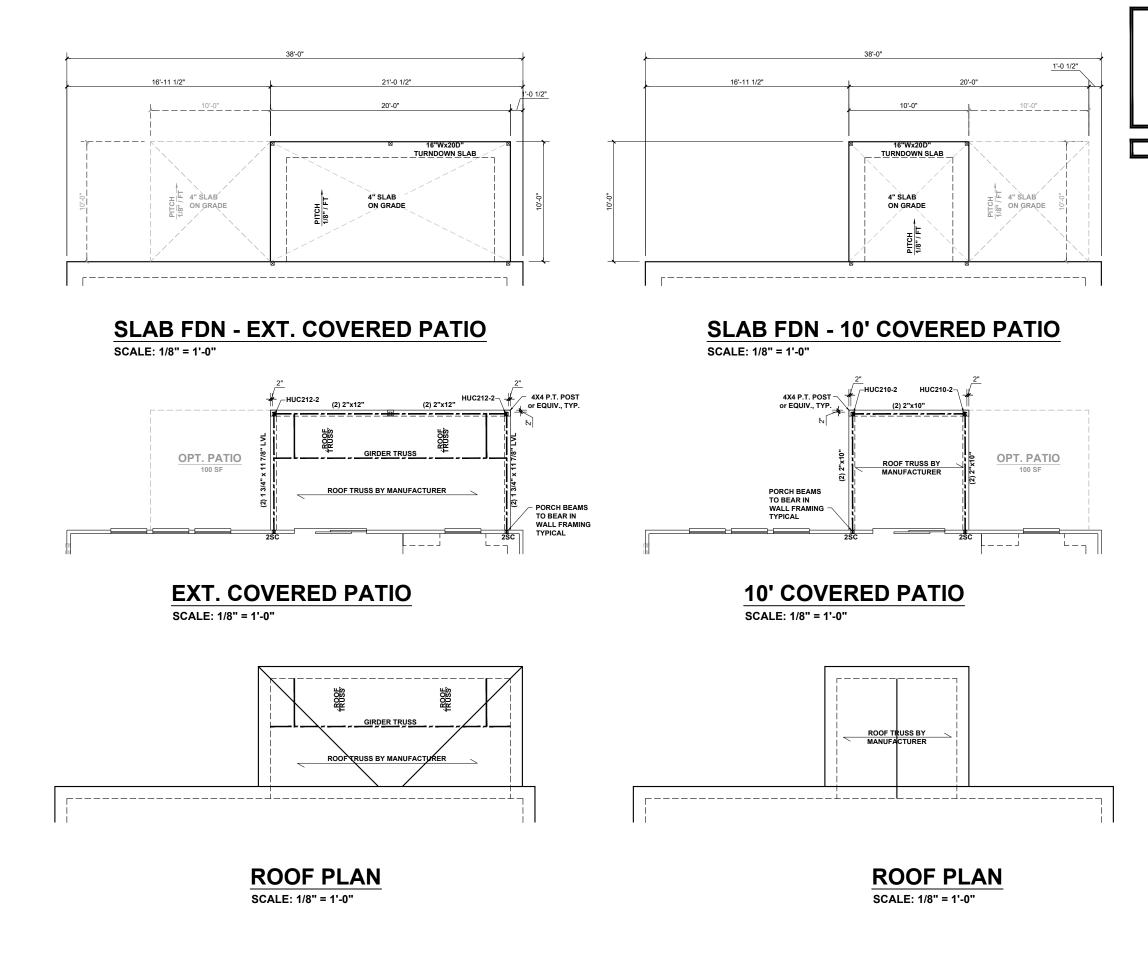


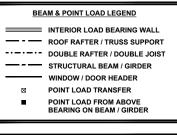
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ROOF FRAMING PLAN

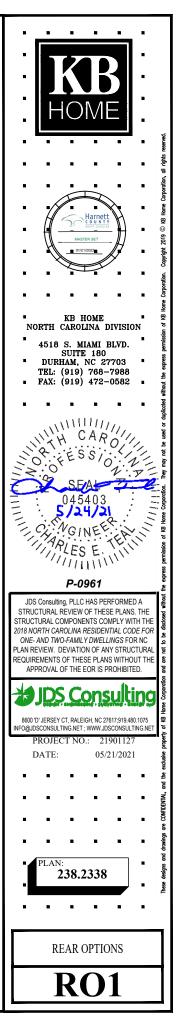
S7.0D

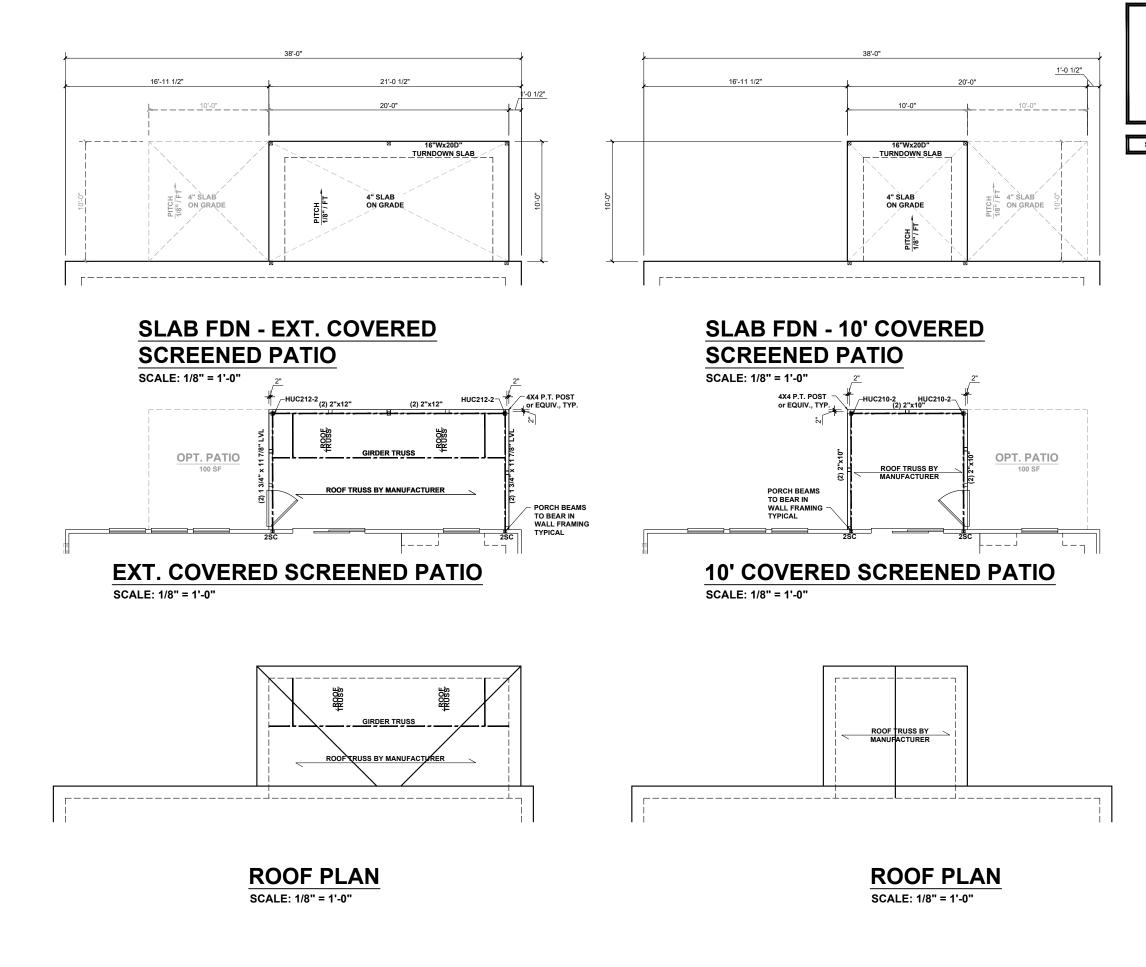
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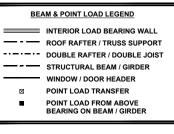




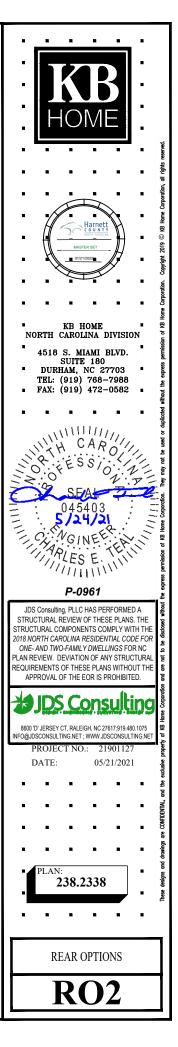
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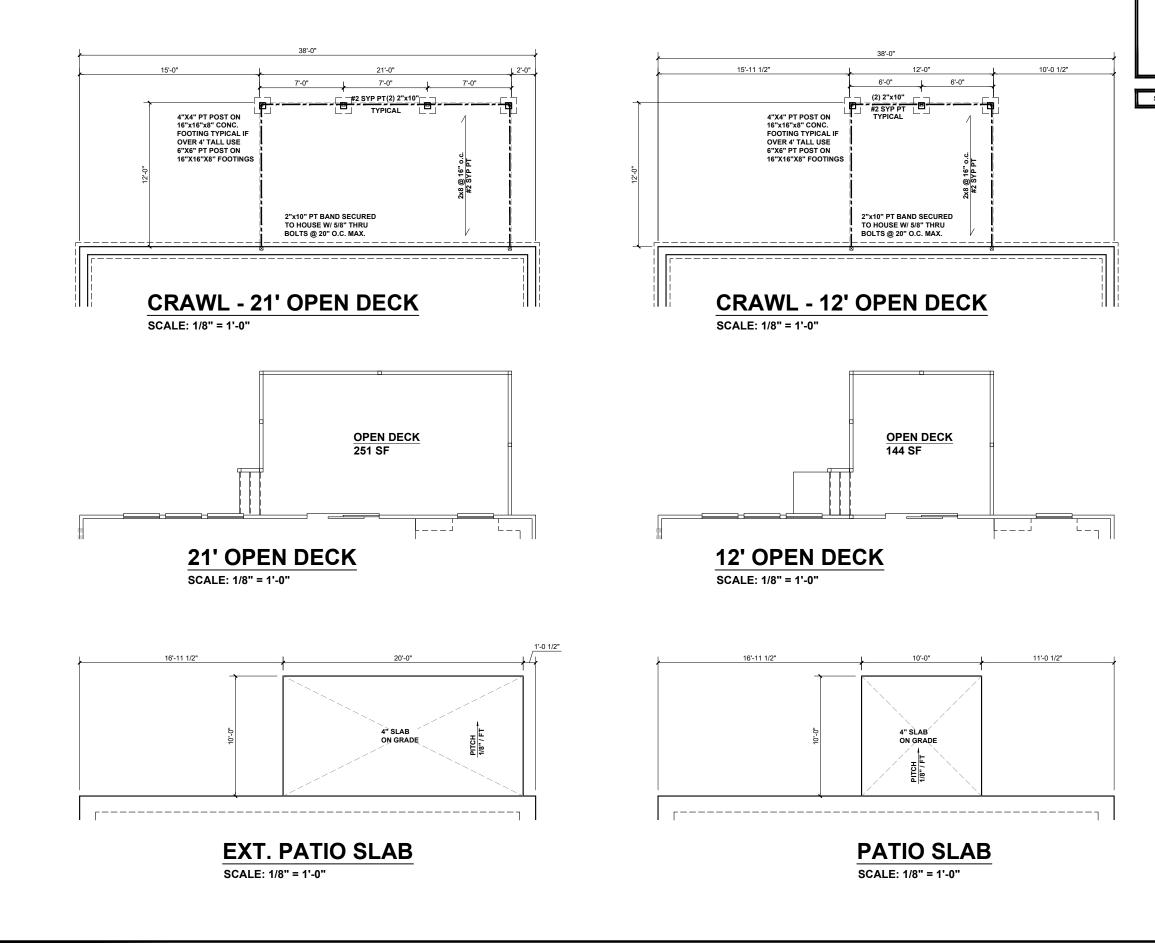


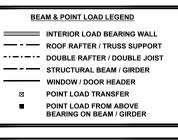




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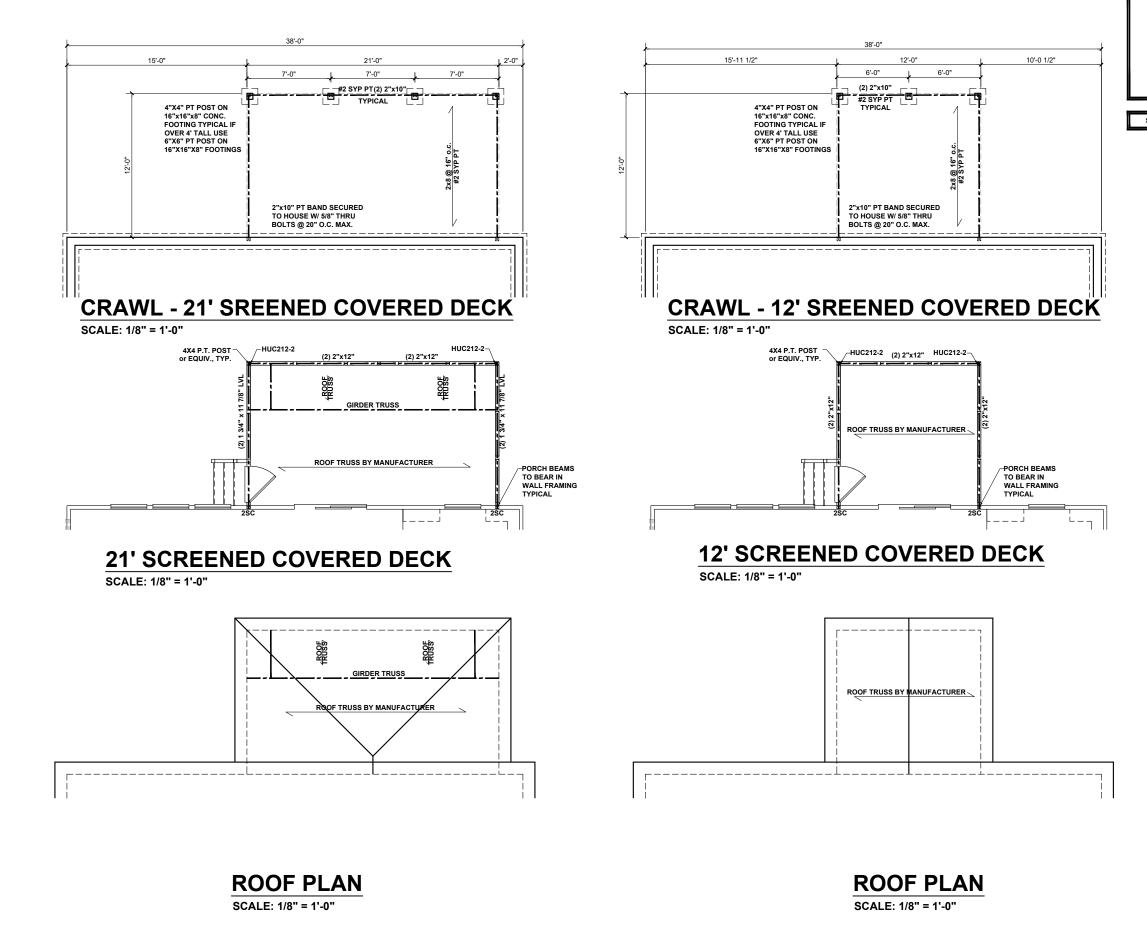


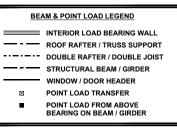




OPEN DECK







COVE S

