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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.
- 16. SPECIFIC NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT.
- SEE ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS FOR PITS, TRENCHES, ROOF 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 STRENSTH 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 CONTINUINS SUPERVISION, TESTING AND INSPECTION OVER THE GUALITY OF THE PRODUCT AND THAT HAS DEEN APPROVED BY AN ACCREDITATION BODY THAT COMPLIES WITH 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

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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 INCH THICK AND I/2". INCHES WIDE SHALL BE FASTENED ACROSS AND TO THE FLATE AT EACH SIDE OF THE OPENING WITH NOT LESS THAN 0.054 INCH SHIDE CARVING A MINIMUM LENGTH OF I/2 INCHES (30 MM) AT EACH SIDE OR EQUIVALENT. THE METAL ITE MOTE THEND 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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15.

2.

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 ID FOOT HORIZONTAL FIREBLOCKING IN WALLS CONSTRUCTED USING PARALLEL RONG OF STUDS OR STAGGERED 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.

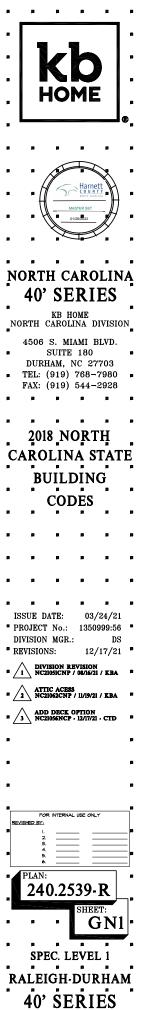
WHEN THERE IS USABLE SPACE BOTH ABOVE AND BELOW THE CONCEALED SPACE OF A FLOOR/CEILING ASSEMBLY, DRAFTSTOPS SHALL BE INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT EXCEED 1000 SOURCE FEET. DRAFTSTOPPING SHALL DIVIDE THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS, WHERE THE ASSEMBLY IS 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.



# 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 GHALL BE MATERPROPED AND SLOPED AN 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 WITH THE RECOMMENDATIONS AND STANDARDS OF THE SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (S.M.A.C.N.A.), THE ARCHITECTURAL SHEET METAL MANUAL, AND SEALANT, MATERPROFING AND RESTORATION INSTITUTE'S (S.M.R.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 ALLMINUM SEAMS WITH EPOXY METAL SEAM CEMENT. WHERE REQUIRED FOR STRENGTH, RIVET SEAMS AND JOINTS.
- SHOP FABRICATE TO THE GREATEST EXTENT POSSIBLE IN ACCORDANCE WITH APPLICABLE STANDARDS TO PROVIDE A PERMANENTLY MATER-PROOF, MEATHER RESISTANT INSTALLATION.
- ASPHALT SHINGLES SHALL HAVE SELF-SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 225 OR D 3462.
- BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS, BASE FLASHING SHALL BE OF EITHER CORROSION-RESISTANT WETAL OF 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.
- FLASHING AGAINST A VERTICAL FRONT WALL, AS WELL AS SOIL STACK 14 TO THE ASPHALT SHINGLE MANUFACTURER'S PRINTED INSTRUCTIONS
- AT THE JUNCTURE OF ROOF VERTICAL SURFACES, FLASHING AND COUNTERFLASHING SHALL BE PROVIDED IN ACCORDANCE WITH TH 15. 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 UNITS VERTICAL IN IZ UNITS HORIZONTAL (2-1/2:12) OR GREATER. FOR ROOF SLOPES FROM 2 1/2 UNITS VERTICAL IN 12 UNITS HORIZONTAL (2-1/2:12) TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (4-12), DOUBLE UNDERLATMENT APPLICATION IS REQUIRED IN ACCORDANCE WITH THE N.C.-R

- UNDERLAYMENT FOR CLAY AND CONCRETE TILE SHALL CONFORM WITH ASTM D 226, TYPE II; ASTM D 2626 TYPE I; OR ASTM D 6380 CLASS M MINERAL SURFACED ROLL ROOFING.
- 15. CONCRETE ROOF TILE SHALL COMPLY WITH ASTM C 1492.
- NAILS SHALL BE CORROSION-RESISTANT AND NOT LESS THAN II GAGE, 16. 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 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 DETVEEN THE GARAGE AND RESIDENCE SHALL EQUIPPED NITH SOLID WOOD DOORS NOT LESS THAN I 3/8 INCHES IN THICKNESS, SOLID ON HONEYCOMB CORE STELL 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 DESTORTED BEING DESTROYED.

INDIVIDUAL GLAZED AREAS, INCLUDING GLASS MIRRORS IN HAZARDOUS

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

SLIDING IN ALL TIALD AND 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 FOOLS, HOT TUBS AND SPAS IMPERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE A WALKING SURFACE AND WITHIN 60 INCHES HORIZONTALLY OF THE WATER'S EDGE. THIS

LL APPLY TO SINGLE GLAZING AND ALL PANES IN MULTIPLE

GLAZING ADJACENT TO STAIRWAYS, LANDINGS AND RAMPS WITHIN 36 INCHES HORIZONTALLY OF A WALKING SURFACE WHEN THE EXPOSED 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 1047, C 117, C 117, C 1276, C 1366, OR C 1650 AND SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THE NC.-R ADMESIVES FOR THE INSTALLATION OF GYPSUM BOARD SHALL CONFORM TO ASTM C 557.

SYPSUM 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 FADIENERS AT THE TOP AND BOTTOM PLATES OF VERTICAL ASSEMBLIES OR THE EDGES AND ENDS OF HORIZONTAL ASSEMBLIES PERPENDICULAR TO SUPPORTS, AND AT THE MALL 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 O.019-INCH (NO. 26 GALVANIZED SHEET GAGE), A MINIMUM OOIR-INCH INC. 26 GALVANIZED SHEET GAGE), CORROSION-RESISTANT MEEP SCREED OR PLASTIC WEEP SCREED, WITH A MINIMUM VERTICAL ATTACHMENT FLANGE OF 31/2 INCHES SHALL BE PROVIDED AT OR BELOWITHE FOUNDATION PLATE LINE ON EXTERIOR STUD WALLS IN ACCORDANCE WITH ASTM C 426. THE WEEP SCREED SHALL BE PLACED A MINIMUM OF 4 INCHES ABOVE THE EARTH OR 2 INCHES ABOVE PAVED AREAS AND SHALL BE OF A TYPE THAT MILL ALLOW TRAPPED WATER TO DRAIN TO THE EXTERIOR OF THE BUILDING. THE WEATHER RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED.

#### 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 BACKINS. IF THE PLASTER SURFACE IS COMPLETELY COVERED BY VENEER OR OTHER FACING MATERIAL OR IS COMPLETELY COVERED BY VENEER OR OTHER FACING MATERIAL OR IS COMPLETELY CONCEALED, PLASTER APPLICATION NEED BE ONLY TWO COATS, PROVIDED THE TOTAL THICKNESS IS AS SET FORTH PER THE N.C.-R

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

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

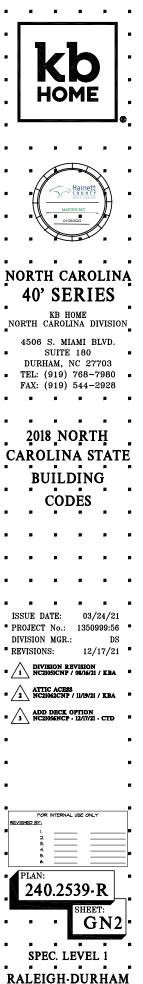
ONLY APPROVED PLASTICITY AGENTS AND APPROVE AMOUNTS THEREOF MAY BE ADDED TO PORTLAND CEMENT. WHEN PLASTIC CEMENT IS USED, NO ADDITIONAL LINE OR PLASTICIZERS SHALL BE ADDED. HYDRATED LIME OR THE EQUIVALENT AMOUNT OF LIME PUTTY USED AS A PLASTICIZER MAY BE ADDED TO CEMENT PLASTER OR CEMENT AND LIME PLASTER 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 (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



40' SERIES

# MECHANICAL & PLUMBING

### H.V.A.C

- ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN CONFORMANCE WITH THE NORTH CAROLINA RESIDENTIAL AND MECHANICAL CODE. INSTALLATIONS OF MECHANICAL APPLIANCES, EQUIPMENT AND SYSTEMS NOT ADDRESSED BY THIS CODE SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF THE NORTH CAROLINA RESIDENTIAL AND FUEL GAS CODE.
- CONTRACTOR SHALL DESIGN ENTIRE H.V.A.C. SYSTEM AND SUBMIT DRAWINGS FOR OWNER/BUILDER'S APPROVAL PRIOR TO ORDERIN MATERIALS OR EQUIPMENT.
- WHERE AIR CONDITIONING IS AN OPTIONAL FEATURE, HEATING SYSTEMS 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. в.
- THE PVC DUCT SHALL EXTEND NOT GREATER THAN I INCH ABOVE THE INDOOR CONCRETE FLOOR SURFACE. c.
- D. THE PVC DUCT SHALL EXTEND NOT GREATER THAN I INCH ABOVE GRADE OUTSIDE THE BUILDING.
- E. THE PVC DUCTS SHALL BE SOLVENT CEMENTED.
- EXHAUST HOOD SYSTEMS CAPABLE OF EXHAUSTING IN EXCESS OF 400 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, SOFTEMERS, TANKS AND ALL OTHER APPLIANCES AND DEVICES THAT HANDLE OR TREAT POTABLE WATER SHALL BE PROTECTED AGAINST CONTAMINATION.
- WATER SERVICE PIPING SHALL BE PROTECTED IN ACCORDANCE WITH N.C.-P SECTIONS AND EXCEPTIONS)
- FIXTURE FITTINGS, 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 FROMBITED IN SOL AND REAVED WATER THAT IS CONTAMINATED. GROUND WATER CONDITIONS SHALL BE REQUIRED TO ACERTAIN THE ACCEPTABILITY OF THE WATER REVICE OR WATER DISTRIBUTION PIPING MATERIAL FOR THE SPECIFIC INSTALLATION. WHERE DETRIMENTAL CONDITIONS EXIST, PARROYED 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.
- 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
- CRAWL SPACES. WHERE THE CRAWL 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
- G. SINKS. WHERE RECEPTACLES ARE INSTALLED WITHIN 6 FT FROM THE TOP INSIDE EDGE OF THE BOWL OF THE SINK.
- BOAT HOUSES.
- BATHTUBS OR SHOWER STALLS WHERE RECEPTACLES ARE INSTALLED 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. LELECTING FUNCE, THE BRANCH CIRCUIT SUPPLYING THIS RECEPTACLE(S) SHALL NOT SUPPLY OUTLETS OUTSIDE OF THE GARAGE. 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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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

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

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 NFPA 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.

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 NG-R R315 AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

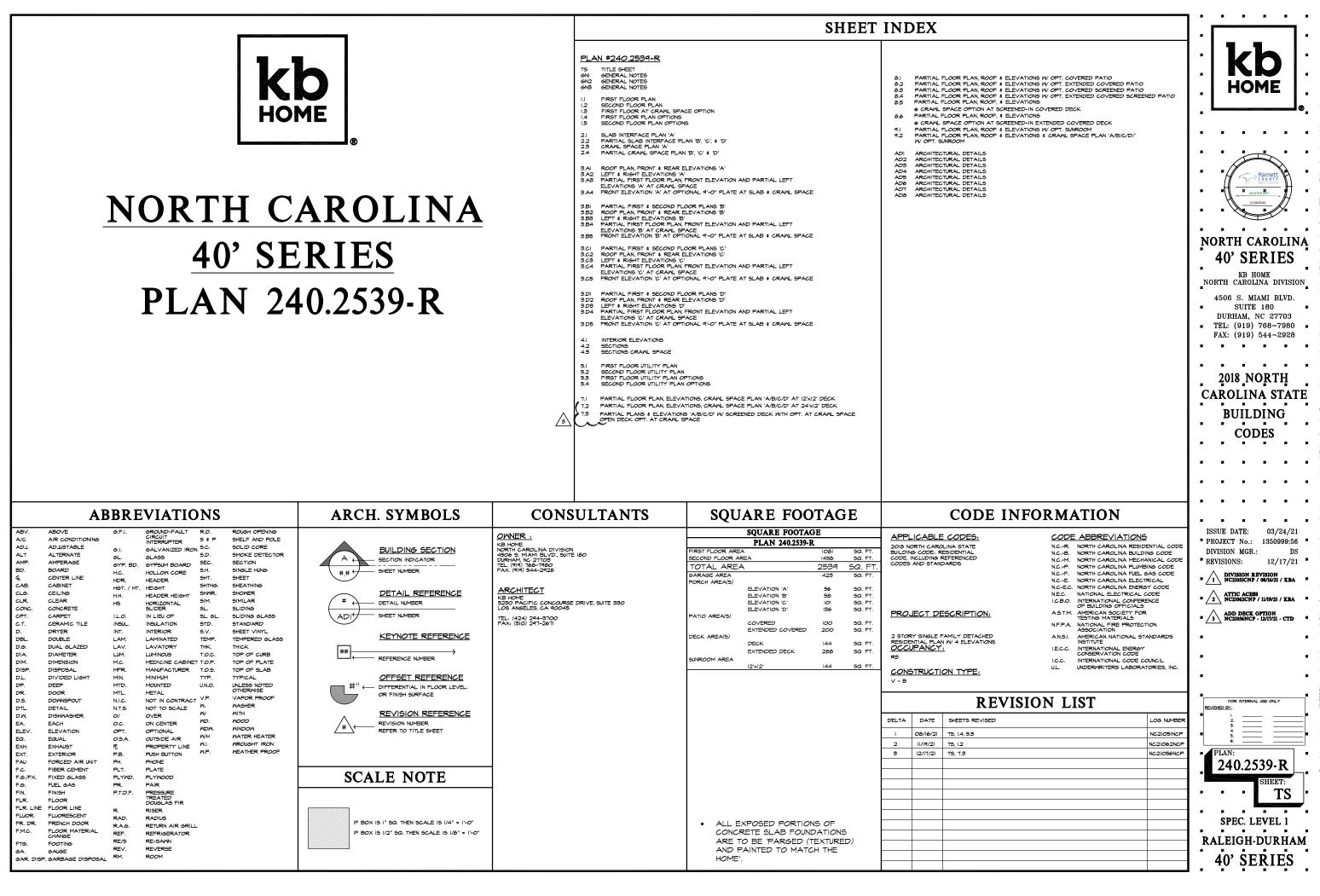
COMBINATION CARBON MONOXIDE AND SMOKE ALARMS SHALL BE PERMITTED TO BE USED IN LIEU OF INDIVIDUAL CARBON MONOXIDE OR SMOKE ALARMS.

### DRYER VENT

2.

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





## 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.
- 16. SPECIFIC NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT.
- SEE ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS FOR PITS, TRENCHES, ROOF 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 STRENSTH 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 EMBEDDED MATERIALS AND ITEMS MUST BE SECURED AND APPROPRIATELY FASTENED IN THEIR PROPENSI 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 CONTINUINS SUPERVISION, TESTING AND INSPECTION OVER THE GUALITY OF THE PRODUCT AND THAT HAS DEEN APPROVED BY AN ACCREDITATION BODY THAT COMPLIES WITH 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

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 NOTE EDGE ONLY AND NOT TO EXCEED ONE-FOURTH THE HEIGHT OF THE STUD. NOTCHING SHALL NO COCUR 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 50 PERCENT OF ITS NIDTH A GALVANIZED METAL TIE OF NOT LESS THAN 0.054 INCH THICK AND I /2" INCHES WIDE SHALL BE FASTENED ACROSS AND TO THE PLATE AT EACH SIDE OF THE OPENING WITH NOT LESS THAN EIGHT IOD NALLS HAVING A MINIMUM LENGTH OF I /2 INCHES (38 MM) AT EACH SIDE OR EQUIVALENT. THE METAL THE MIST 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 NITH BOCKEN LAP JOINTS, OR ONE THICKNESS OF 23/92-INCH MOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 23/92-INCH MOOD STRUCTURAL PANELS OR ONE THICKNESS OF 3/4-INCH PARTICLEBOARD WITH JOINTS BACKED BY 3/4-INCH PARTICLEBOARD, 1/2-INCH GYPSOM BOARD, OR 1/4-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 ID FOOT HORIZONTAL FIREBLOCKING IN WALLS CONSTRUCTED USING PARALLEL RONG OF STUDS OR STAGGERED 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.

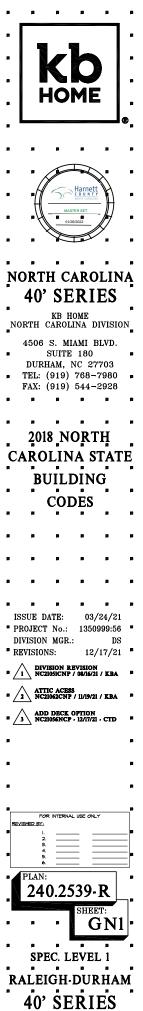
WHEN THERE IS USABLE SPACE BOTH ABOVE AND BELOW THE CONCEALED SPACE OF A FLOOR/CEILING ASSEMBLY, DRAFTSTOPS SHALL BE INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT EXCEED 1000 SOURCE FEET. DRAFTSTOPPING SHALL DIVIDE THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS, WHERE THE ASSEMBLY IS 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.
- 2. 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.



# 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 GHALL BE MATERPROPED AND SLOPED AN 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 MITH THE RECOMMENDATIONS AND STANDARDS OF THE SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (S.M.A.C.N.A.), THE ARCHITECTURAL SHEET METAL MANUAL, AND SEALANT, MATERPROFING AND RESTORATION INSTITUTE'S (S.M.R.I.) GUIDE -"SEALANT'S: 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 ALLMINUM SEAMS WITH EPOXY METAL SEAM CEMENT. WHERE REQUIRED FOR STRENGTH, RIVET SEAMS AND JOINTS.
- SHOP FABRICATE TO THE GREATEST EXTENT POSSIBLE IN ACCORDANCE WITH APPLICABLE STANDARDS TO PROVIDE A PERMANENTLY MATER-PROOP, MEATHER RESISTANT INSTALLATION.
- ASPHALT SHINGLES SHALL HAVE SELF-SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 225 OR D 3462.
- BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS, BASE FLASHING SHALL BE OF EITHER CORROSION-RESISTANT WETAL OF 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.
- FLASHING AGAINST A VERTICAL FRONT WALL, AS WELL AS SOIL STACK 14 TO THE ASPHALT SHINGLE MANUFACTURER'S PRINTED INSTRUCTIONS
- AT THE JUNCTURE OF ROOF VERTICAL SURFACES, FLASHING AND COUNTERFLASHING SHALL BE PROVIDED IN ACCORDANCE WITH TH 15. 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 MANKET THAT PREVENTS THE ACCUMULATION OF WATER WITHIN THE WALL ASSEMBLY BY PROVIDING A WATER-RESISTANT BARRIER BEHIND THE EXTERIOR VENER AS REQUIRED AND A MEANS OF DRAINING WATER THAT ENTERS THE ASSEMBLY TO THE EXTERIOR. PROTECTION ASAINST CONDENSATION IN THE EXTERIOR WALL ASSEMBLY SHALL BE PROVIDED. PE SHALL

ONE LAYER OF NO. 15 ASPHALT FELT, FREE FROM HOLES AND BREAKS, COMPLYING WITH ASTM D 226 FOR TYPE I FELT OR OTHER APPROVED WATER-RESISTIVE BARRIER SHALL BE APPLIED OVER STUDS OR SHEATHING OF ALL EXTERIOR WALLS, SUCH FELT OR MATERIAL SHALL BE APPLIED HORIZONTALLY, NITH THE UPPER LAYER LAPPED OVER THE LOWER LAYER NOT LESS THAN 2 INCHES. INTER FLIT OR OTHER APPROVED MATERIAL BE LAPPED NOT LESS THAN 2 INCHES. INTER FELT OR OTHER APPROVED MATERIAL BELAPPED NOT LESS THAN 2 INCHES. INTER FELT OR OTHER APPROVED MATERIAL SHALL BE E CONTINUOUS TO THE FOP OF WALLS AND TERMINATED AT PENETRATIONS AND BUILDING APPENDAGES IN A MANNER TO MEET THE REQUIREMENTS OF THE EXTENSION WALL ENVELOPE. 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 DETVEEN THE GARAGE AND RESIDENCE SHALL EQUIPPED NITH SOLID WOOD DOORS NOT LESS THAN I 3/8 INCHES IN THICKNESS, SOLID ON HONEYCOMB CORE STELL 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 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 FOOLS, HOT TUBS AND SPAS IMPERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE A WALKING SURFACE AND WITHIN 60 INCHES HORIZONTALLY OF THE WATER'S EDGE. THIS

LL APPLY TO SINGLE GLAZING AND ALL PANES IN MULTIPLE

GLAZING ADJACENT TO STAIRWAYS, LANDINGS AND RAMPS WITHIN 36 INCHES HORIZONTALLY OF A WALKING SURFACE WHEN THE EXPOSED 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 FRANCE 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 1047, C 117, C 117, C 1276, C 1366, OR C 1658 AND SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THE NC.-R ADMESIVES FOR THE INSTALLATION OF GYPSUM BOARD SHALL CONFORM TO ASTM C 557.

SYPSUM 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 FADIENERS AT THE TOP AND BOTTOM PLATES OF VERTICAL ASSEMBLIES OR THE EDGES AND ENDS OF HORIZONTAL ASSEMBLIES PERPENDICULAR TO SUPPORTS, AND AT THE MALL 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 O.019-INCH (NO. 26 GALVANIZED SHEET GAGE), A MINIMUM OOIR-INCH INC. 26 GALVANIZED SHEET GAGE), CORROSION-RESISTANT MEEP SCREED OR PLASTIC WEEP SCREED, WITH A MINIMUM VERTICAL ATTACHMENT FLANGE OF 31/2 INCHES SHALL BE PROVIDED AT OR BELOWITHE FOUNDATION PLATE LINE ON EXTERIOR STUD WALLS IN ACCORDANCE WITH ASTM C 426. THE WEEP SCREED SHALL BE PLACED A MINIMUM OF 4 INCHES ABOVE THE EARTH OR 2 INCHES ABOVE PAVED AREAS AND SHALL BE OF A TYPE THAT MILL ALLOW TRAPPED WATER TO DRAIN TO THE EXTERIOR OF THE BUILDING. THE WEATHER RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED.

#### EXTERIOR PLASTER

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

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

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

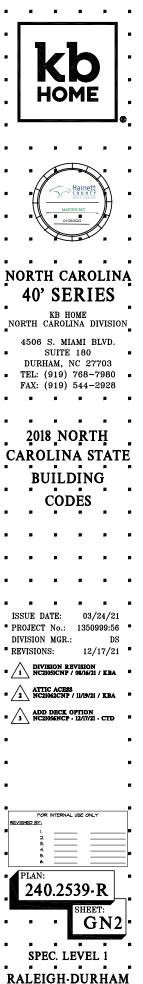
ONLY APPROVED PLASTICITY AGENTS AND APPROVE AMOUNTS THEREOF MAY BE ADDED TO PORTLAND CEMENT. WHEN PLASTIC CEMENT IS USED, NO ADDITIONAL LINE OR PLASTICIZERS SHALL BE ADDED. HYDRATED LIME OR THE EQUIVALENT AMOUNT OF LIME PUTTY USED AS A PLASTICIZER MAY BE ADDED TO CEMENT PLASTER OR CEMENT AND LIME PLASTER 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 (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



40' SERIES

# MECHANICAL & PLUMBING

### H.V.A.C

- ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN CONFORMANCE WITH THE NORTH CAROLINA RESIDENTIAL AND MECHANICAL CODE. INSTALLATIONS OF MECHANICAL APPLIANCES, EQUIPMENT AND SYSTEMS NOT ADDRESSED BY THIS CODE SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF THE NORTH CAROLINA RESIDENTIAL AND FUEL GAS CODE.
- CONTRACTOR SHALL DESIGN ENTIRE H.V.A.C. SYSTEM AND SUBMIT DRAWINGS FOR OWNER/BUILDER'S APPROVAL PRIOR TO ORDERIN MATERIALS OR EQUIPMENT.
- WHERE AIR CONDITIONING IS AN OPTIONAL FEATURE, HEATING SYSTEMS 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. В.
- THE PVC DUCT SHALL EXTEND NOT GREATER THAN I INCH ABOVE THE INDOOR CONCRETE FLOOR SURFACE. c.
- D. THE PVC DUCT SHALL EXTEND NOT GREATER THAN I INCH ABOVE GRADE OUTSIDE THE BUILDING.
- E. THE PVC DUCTS SHALL BE SOLVENT CEMENTED.
- EXHAUST HOOD SYSTEMS CAPABLE OF EXHAUSTING IN EXCESS OF 400 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, SOFTEMERS, TANKS AND ALL OTHER APPLIANCES AND DEVICES THAT HANDLE OR TREAT POTABLE WATER SHALL BE PROTECTED AGAINST CONTAMINATION.
- WATER SERVICE PIPING SHALL BE PROTECTED IN ACCORDANCE WITH N.C.-P SECTIONS AND EXCEPTIONS)
- FIXTURE FITTINGS, 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 FROMBITED IN SOL AND REAVED WATER THAT IS CONTAMINATED. GROUND WATER CONDITIONS SHALL BE REQUIRED TO ACERTAIN THE ACCEPTABILITY OF THE WATER REVICE OR WATER DISTRIBUTION PIPING MATERIAL FOR THE SPECIFIC INSTALLATION. WHERE DETRIMENTAL CONDITIONS EXIST, PARROYED 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.
- 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 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
- CRAWL SPACES. WHERE THE CRAWL 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
- G. SINKS. WHERE RECEPTACLES ARE INSTALLED WITHIN 6 FT FROM THE TOP INSIDE EDGE OF THE BOWL OF THE SINK.
- BOAT HOUSES.
- BATHTUBS OR SHOWER STALLS WHERE RECEPTACLES ARE INSTALLED 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 OUTLETS SHALL BE INSTALLED SO THAT NO POINT ALONG THE FLOOR LINE IN ANY MALL SPACE IS MORE THAN 6 FTET, MESURED HONZONTALLY, FROM AN OUTLET 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. LELECTING FUNCE, THE BRANCH CIRCUIT SUPPLYING THIS RECEPTACLE(S) SHALL NOT SUPPLY OUTLETS OUTSIDE OF THE GARAGE. 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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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

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

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 NFPA 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



	ГОРТ. 10×20'	0PT, 10'X10'1 PATIO SLAB	B 42	
		<u>40'-0"  </u>   28	'-ıl <u>2</u> "	-* -*
<del>\ \ \</del>			A         A	
			FAMILY	
⊤  Ω		CARPET CARPET 0 2-0° CLG. 0PT. 9-0° CLG. 1 1 1 1 1 1 1 1 1 1 1 1 1	CARPET 8'-0' CLG. OPT. 9-0' CLG.	
			20'-4 <u>5</u> "	<u>3050 9н</u> - ¥ 3060 9н - ¥ Ат 9-1" РГТ-т ндт. орт. т
40-0- 			+36' 	
4.2 - [r] - [r		$\begin{array}{c} \underbrace{HALL}_{CARPET}\\ \overset{\mathcal{O}}{\mathcal{O}}^{\mathcal{O}}CLG,\\ \mathcal{O}^{\mathcal{D}}^{I}, \overset{\mathcal{O}}{\mathcal{O}}^{I}, \overset{\mathcal{O}}{\mathcal{O}}, \overset{\mathcal{O}}{\mathcal{O}}, \overset{\mathcal{O}}{\mathcal{O}}^{I}, \overset{\mathcal{O}}{\mathcal{O}}^{I}, \overset{\mathcal{O}}{\mathcal{O}}^{I}, \overset{\mathcal{O}}{,} \overset{\mathcal{O}}, \overset{\mathcal{O}}{,} \overset{\mathcal{O}}, \overset{\mathcal{O}}{,} \overset{\mathcal{O}}, \overset{\mathcal{O}}{,} \overset{\mathcal{O}}, \mathcal{O$	GARAGE	
- CAS SH - CAS	DEN/OPT.		←च=→	
<u>0</u> 1 2	HOME OFFICE			
THE SOURT MUST				
K K SIDE OF HOUSE FINISH INTO	TTP:         XM L         XM L         XM L         M		16'-0" 2'-4 80-0"	

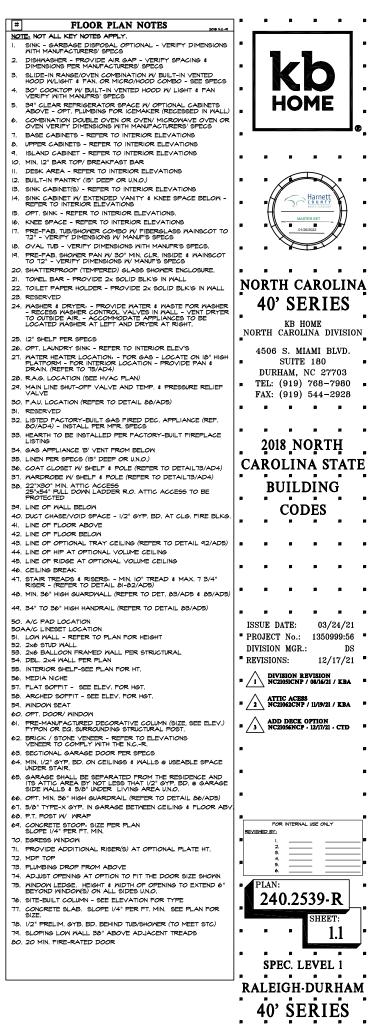
### FIRST FLOOR PLAN 'A'

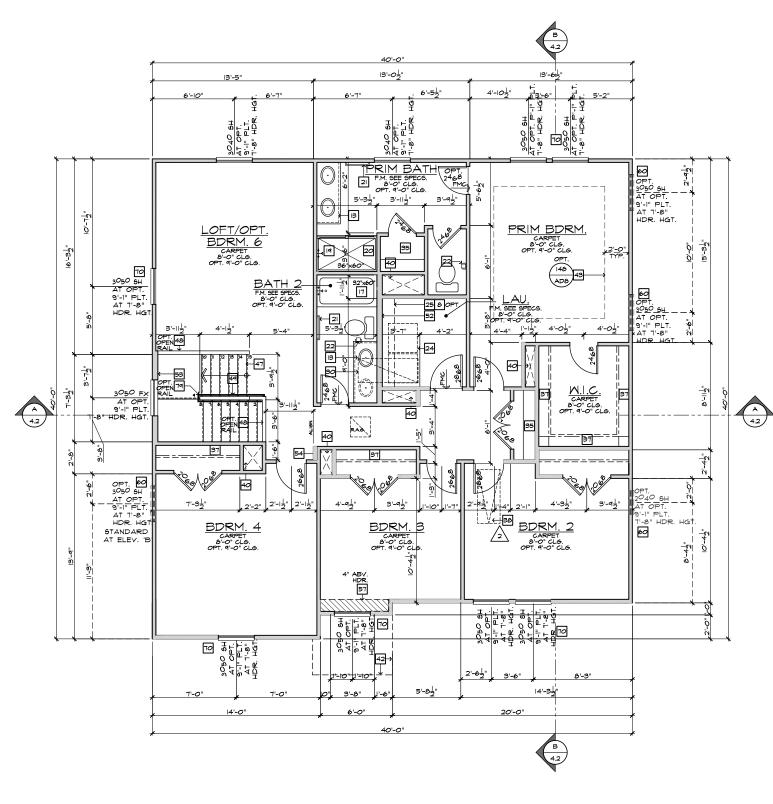
SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

BASIC PLAN

#### **INTERIOR KEY** SQUARE FOOTAGE PLAN 240.2539-R FIRST FLOOR ARE SECOND FLOOR AREA 1458 SQ. FT. SQ FT TOTAL AREA 2539 GARAGE AREA 423 sa. PORCH AREA(S) 50. FT. 50. FT. ELEVATION 'A 56 58 ELEVATION 'B' ELEVATION 'C' 101 SQ. FT. ELEVATION 'D' 136 SQ. FT. PATIO AREA(S) SQ. FT. COVERED 100 EXTENDED COVERED 200 SQ. FT. DECK AREA(S) DECK 144 SQ. FT 288 EXTENDED DECK SQ. FT. SUNROOM AREA SQ. FT 144 PLATE NOTES 8'-I" PLATE NOTES MINDOR HEADER HEIGHT: 6-8' UNO. 2nd FLOOR WINDON HDR. HEIGHT: 5-8' UNO. ENTRY DOR HEIGHT: 5-8' UNO. SLIDING GLASS DOOR HEIGHT: 6'-8' UNO. INTERIOR SOFFIT HEIGHT: 6'-8' UNO. TITERIOR SOFFIT HEIGHT: 6'-8' UNO. TRAY CELLING 1'-4' UNO. INTERIOR SOFFIT HEIGHT: 6'-8' UNO. TRAY CELLING 6'-8' UNO. INTERIOR SOFFIT HEIGHT: 6'-8' UNO. 9'-I" PLATE NOTES MINDON HEADER HEIGHT Ist FL., 8'-0' UNO. MINDON HEADER HEIGHT 1st FL., 7'-8' UNO. ADIO MINDON VOER TUB HOR, HEIGHT. 8'-4' UNO. ENTRY DOOR HEIGHT. 8'-4' UNO. SLIDING GLASS DOOR HEIGHT. 6'-8'' (TEMP.) INTERIOR SOFFIT HEIGHT. 8'-4'' UNO. INTERIOR SOFFIT HEIGHT. 8'-9'' UNO. INTERIOR DOOR HEIGHT. 8'-9'' UNO. INTERIOR OF HEIGHT. 8'-9'' UNO. INTERIOR DOOR HEIGHT. 8'-9'' UNO. INTERIOR DOOR HEIGHT. 8'-9'' UNO. STAIR DATA NOTES FIRST FLOOR WITH \$-1" PLATE HEIGHT: 14" DEEP T.J.I. FLOOR JOISTS WITH 3/4" T&G DECKING. 14 TREADS AT 10" EACH 15 RISERS AT 7-7/16" EACH FIRST FLOOR WITH 9-1" PLATE HEIGHT: 14" DEEP T.J.I. FLOOR JOISTS WITH 3/4" T&G DECKING. 15 TREADS AT 10" EACH 16 RISERS AT 7-3/4" EACH **GENERAL PLAN NOTES** ALL CEILING HEIGHTS PER SECTION AND ELEVATION PLATE HEIGHTS, U.N.O. ALL INTERIOR DOORS TO BE HOLLOW CORE | 3/8" THICK, U.N.O. (REFER TO PLAN FOR SIZE). ALL GARAGE SERVICE DOORS TO BE HOLLOW CORE EXTERIOR GRADE (REFER TO PLAN FOR SIZE). ALL HOUSE TO GARAGE DOORS TO BE 20-MINUTE FIRE-RATED (REFER TO PLAN FOR SIZE). ALL ENTRY DOORS AND EXTERIOR FRENCH DOORS TO BE SOLID CORE | 3/4" THICK (REFER TO PLAN FOR SIZE).

ALL FLOOR MATERIAL CHANGES TO OCCUR AT CENTER OF DOOR JAMBS, U.N.O.





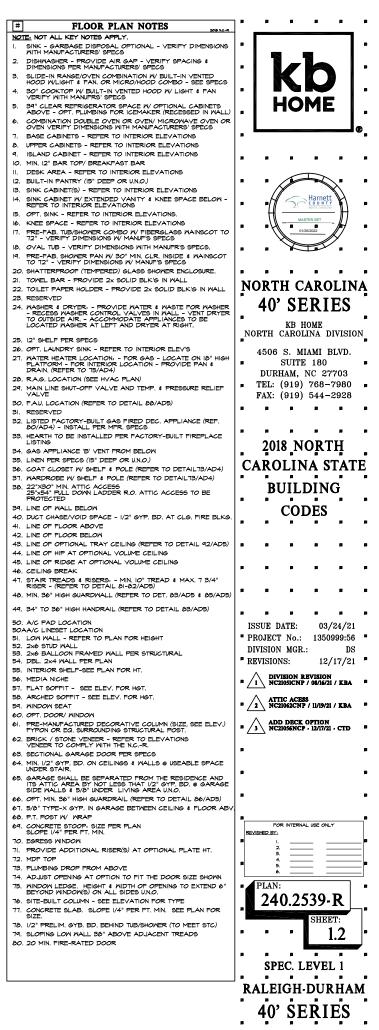


INTERIOR KEY

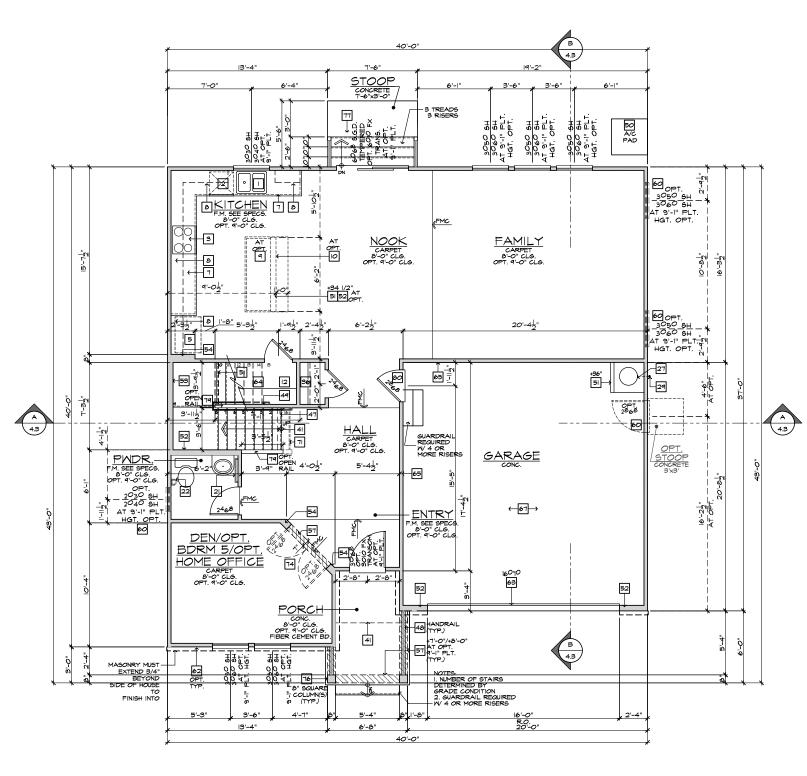
INTERIOR RET					
PLATE NOTES					
8'-I" PLATE NOTES					
MINDOW HEADER HEIGHT: 20 FLOOR WINDOW HDR. HEIGHT: ENTRY DOOR HEIGHT. 5.LDING GLASS DOOR HEIGHT: 11TERIOR SOFFIT HEIGHT: 1TRAY CEILING INTERIOR DOOR HEIGHT:	6-8" UNO. 7'-0" UNO. 6'-8" UNO. 6'-8" (TEMP.) 7'-4" UNO. 7" RISE INTO TRUSS U.N.O. 6'-8" U.N.O.				
9'-1" PLATE NOTES					
<ul> <li>MINDOW HEADER HEIGHT IST FL., MINDOW HEADER HEIGHT IST FL., 4010 MINDOW OVER TUB HDR. HGT., ENTRY DOOR HEIGHT.</li> <li>SULDIG SAGE DOOR HEIGHT.</li> <li>SULDIG SAGE TO HEIGHT.</li> <li>TRAY CELLING.</li> <li>INTERIOR DOOR HEIGHT;</li> </ul>	8-0" UNO. 7-8" UNO. 8-4" UNO. 6-8" (TEMP.) 8-0" UNO. 7" RISE INTO TRUSS UNO. 6'-8" UNO.				
STAIR DATA N	OTES 200 NG-R				
FIRST FLOOR WITH A'F PLATE HEIGHT. 14' DEEP TIJL FLOOR JOISTS WITH 3/4'' T&G DECKING. 14' TREADS AT 10' EACH 15 RISERS AT T-10' EACH FIRST FLOOR JUSTS WITH 3/4'' T&G DECKING. 14' DEEP TIJL FLOOR JUSTS WITH 3/4'' T&G DECKING. 16 RISERS AT 1-3/4'' EACH 16 RISERS AT 1-3/4'' EACH					
GENERAL PLAN NOTES					
ALL CEILING HEIGHTS PER SECTION AND ELEVATION PLATE HEIGHTS, UN.O.					
ALL INTERIOR DOORS TO BE HOLLOW CORE   3/8" THICK, U.N.O. (REFER TO PLAN FOR SIZE).					
ALL GARAGE SERVICE DOORS TO BE HOLLOW CORE EXTERIOR GRADE (REFER TO PLAN FOR SIZE).					
ALL HOUSE TO GARAGE DOORS TO BE (REFER TO PLAN FOR SIZE).	20-MINUTE FIRE-RATED				
ALL ENTRY DOORS AND EXTERIOR FRENCH DOORS TO BE SOLID CORE I 3/4" THICK (REFER TO PLAN FOR SIZE).					
ALL FLOOR MATERIAL CHANGES TO OCCUR AT CENTER OF DOOR JAMBS, U.N.O.					

SECOND FLOOR PLAN 'A'

SCALE |/4"=|'-0" (22"X34") - |/6"=|'-0" (||"X|7")

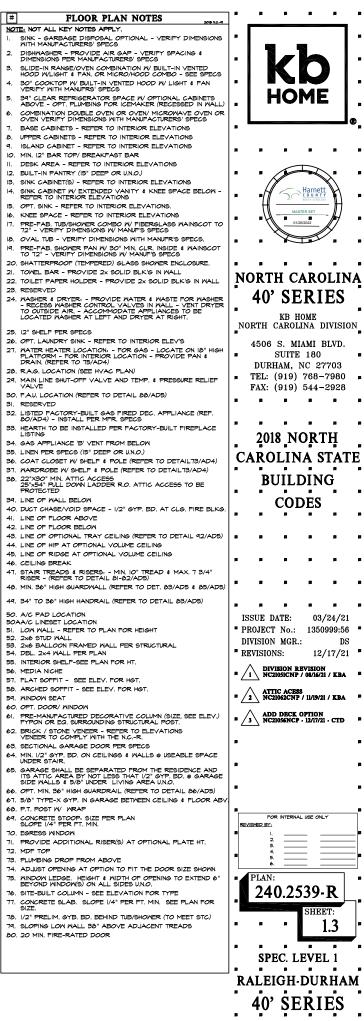


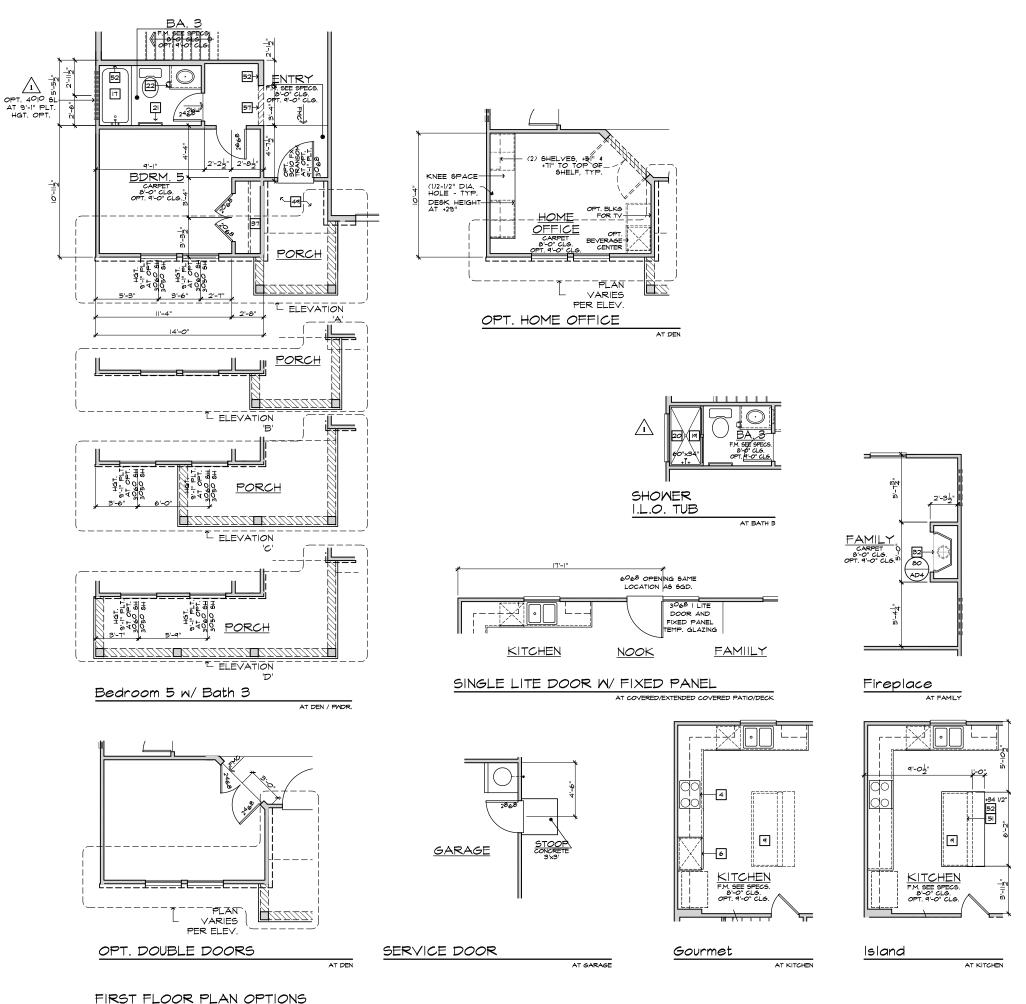
SECOND FLOOR AREA 1456 TOTAL AREA 2539 S GARAGE AREA 423 PORCH AREA(S) ELEVATION 'B' 56 ELEVATION 'C' 101	50. FT. 50. FT. 50. FT. 50. FT.				
PLAN 240.2539-R           FIRST FLOOR AREA         IODI           SECOND FLOOR AREA         IODI           TOTAL AREA         2539           GARAGE AREA         2539           PORCH AREA(5)         2539           ELEVATION 'A'         56           ELEVATION 'A'         56           ELEVATION 'C'         IOI	50. FT.				
FIRST FLOOR AREA IOBI SECOND FLOOR AREA I455 TOTAL AREA 2539 C GARAGE AREA 423 PORCH AREA(S) ELEVATION 'A' 56 ELEVATION 'B' 58 ELEVATION 'C' IOI	50. FT.				
SECOND FLOOR AREA 1456 TOTAL AREA 2539 S GARAGE AREA 423 PORCH AREA(S) ELEVATION 'B' 56 ELEVATION 'B' 56 ELEVATION 'C' 101	50. FT.				
TOTAL AREA 2539 S GARAGE AREA 423 PORCH AREA(S) ELEVATION 'A' 56 ELEVATION 'B' 56 ELEVATION 'C' IOI	Q. FT.				
PORCH AREA(5) ELEVATION 'A' 56 ELEVATION 'B' 58 ELEVATION 'C' IOI	SQ. FT.				
ELEVATION 'A' 56 ELEVATION 'B' 50 ELEVATION 'C' IOI					
ELEVATION 'B' 58 ELEVATION 'C' IOI	SQ. FT.				
	SQ. FT.				
	SQ. FT.				
PATIO AREA(S)	SQ. FT.				
COVERED 100	SQ. FT.				
EXTENDED COVERED 200 DECK AREA(S)	SQ. FT.				
	SQ. FT.				
	SQ. FT.				
SUNROOM AREA 12'x12' 144	SQ. FT.				
PLATE NOTES					
8'-I" PLATE NOTES	2018 N.CR				
MINDOW HEADER HEIGHT:         -8" UNO.           2nd FLOOR WINDOW HDR. HEIGHT:         1"-0" UNO.           ENTRY DOOR HEIGHT:         1"-0" UNO.           SLIDING GLASS DOOR HEIGHT:         6"-8" UNO.           INTERIOR SOFFIT HEIGHT:         1"-4" UNO           TATELING         6"-8" UNO.           WINDOW HEADER HEIGHT:         1"-4" UNO           "INTERIOR SOFFIT HEIGHT:         1"-4" UNO           "INTERIOR DOOR HEIGHT:         1"-4" UNO           "INTERIOR DOOR HEIGHT:         1"-4" UNO           "INTERIOR DOOR HEIGHT:         1"-4" UNO.           "INTERIOR DOOR HEIGHT:         1"-4" UNO.           "INTERIOR DOOR HEIGHT:         "-4" UNO.           "INTERIOR DOOR HEIGHT:         "-4" UNO.           "INTERIOR DOOR HEIGHT:         "-4" UNO.           "INTERIOR SOFFIT HEIGHT SAFE         "-4" UNO.           "INTERIOR SOFFIT HEIGHT:         "-4" UNO.           "INTERIOR BLASS DOOR HEIGHT:         "-4" UNO.           "INTERIOR SOFFIT HEIGHT:         "-4" UNO.           "INTERIOR BLASS DOOR HEIGHT:         "-4" UNO.           "INTERIOR SOFFIT HEIGHT:         "-4" UNO.					
INTERIOR DOOR HEIGHT:     INTERIOR DOOR HEIGHT:	JSS U.N.O.				
STAIR DATA NOTES	2018 N.CR				
FIRST FLOOR WITH \$'" FLATE HEIGHT:           14" DEEP T.J.I.FLOOR LOGISTS WITH 3'4" T&G DECKING.           14 TEEPLAT AT 10" EACH           15 RIGERS AT 7-716" EACH           FIRST FLOOR WITH \$'" FLATE HEIGHT:           14" DEEP T.J.I.FLOOR LOGISTS WITH 3'4" T&G DECKING.           15 TEEADS AT 10" EACH           16 RIGERS AT 7-714" AT 10" EACH           16 RIGERS AT 7-714" EACH           16 RIGERS AT 7-714" EACH					
GENERAL PLAN NOTES					
GENERAL PLAN NOTES	ALL CEILING HEIGHTS PER SECTION AND ELEVATION PLATE HEIGHTS, U.N.O.				
ALL CEILING HEIGHTS PER SECTION AND ELEVATION PLAT HEIGHTS, U.N.O.	Έ				
ALL CEILING HEIGHTS PER SECTION AND ELEVATION PLAT HEIGHTS, U.N.O. ALL INTERIOR DOORS TO BE HOLLOW CORE I 3/8" THICK, U.N.O. (REFER TO PLAN FOR SIZE).	E				
ALL CEILING HEIGHTS PER SECTION AND ELEVATION PLAT HEIGHTS, UNO. ALL INTERIOR DOORS TO BE HOLLOW CORE I 3/8" THICK, UNO. (REFER TO PLAN FOR SIZE). ALL GARAGE SERVICE DOORS TO BE HOLLOW CORE EXTERIOR GRADE (REFER TO PLAN FOR SIZE).					
ALL CEILING HEIGHTS PER SECTION AND ELEVATION PLAT HEIGHTS, U.N.O. ALL INTERIOR DOORS TO BE HOLLOW CORE I 3/8" THICK, U.N.O. (REFER TO PLAN FOR SIZE).	ATED				



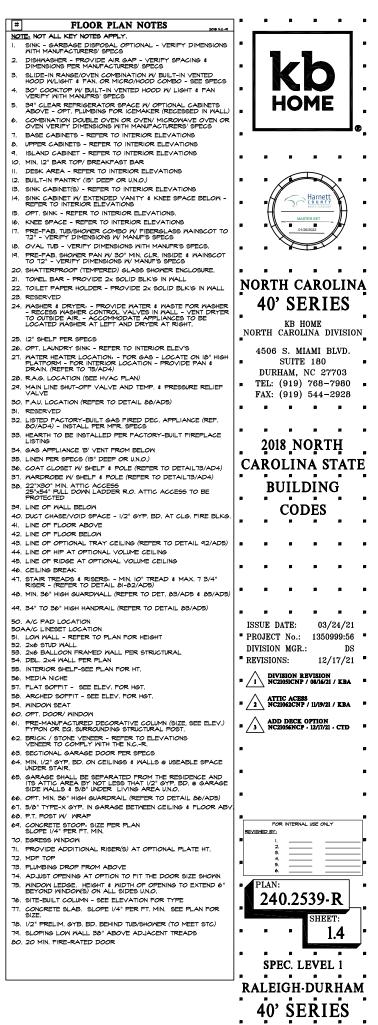
### FIRST FLOOR PLAN 'A' W/ CRAWL SPACE

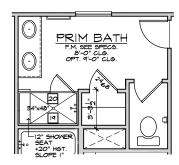
SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")



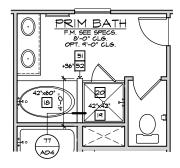


SCALE |/4"=1'-0" (22"X34") - |/8"=1'-0" (||"X17")

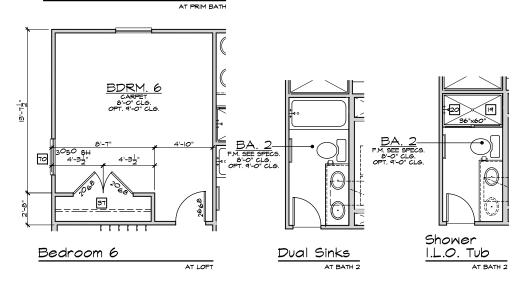




DELUXE PRIM BATH

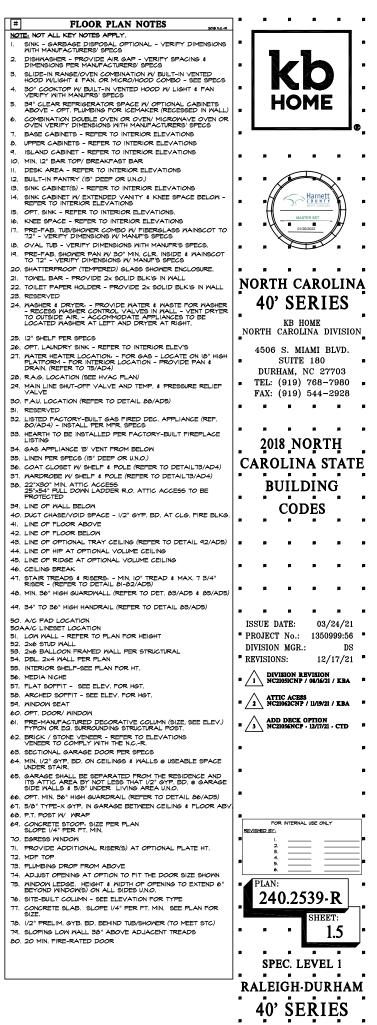


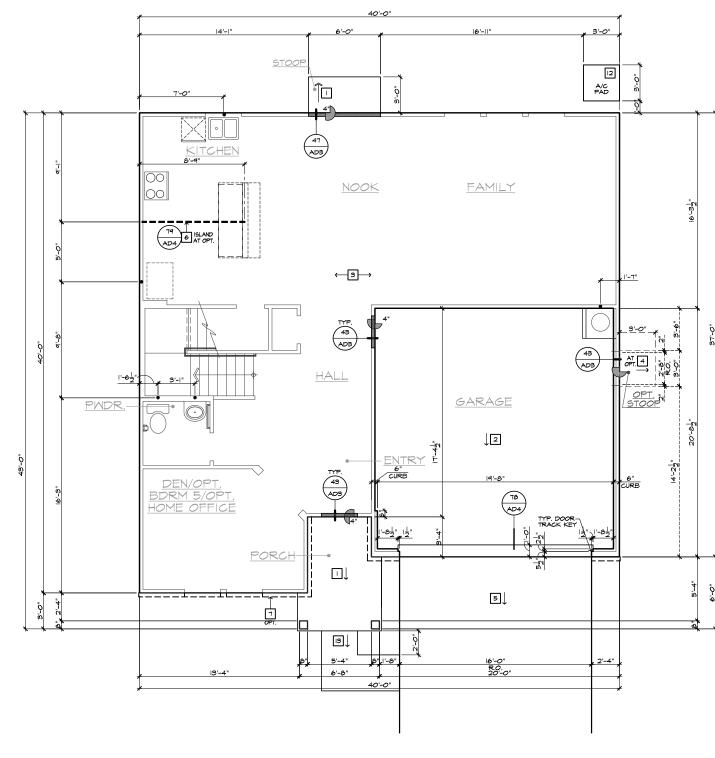
SUPER PRIM BATH



### SECOND FLOOR PLAN OPTIONS

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





SLAB INTERFACE PLAN 'A'

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

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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.

#

<u></u>

- 5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
- 6. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.
- S" BRICK LEDGE FOR MASONRY VENEER.
   S" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
- REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
- LLEVATIONS. 10. VERTY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB. 11. 4" MIN. 6 1/4" MAX. TO HARD SURFACE. 12. A/C PAD. VERTY LOCATION.
- 13. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.



8 p 8

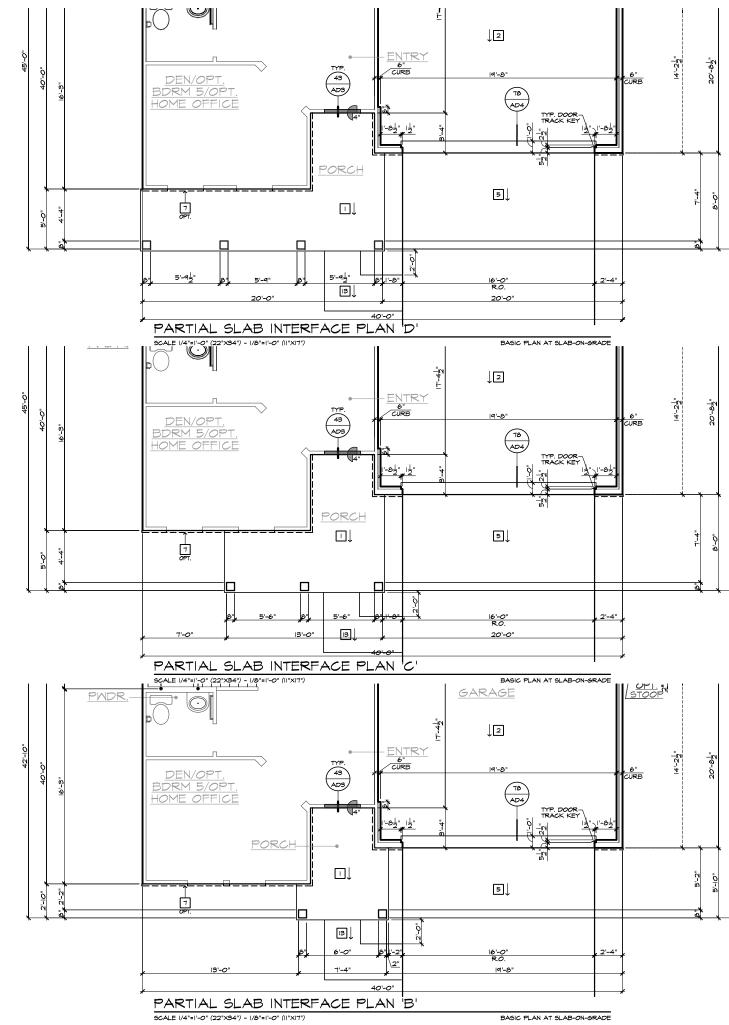
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   ATTIC ACESS

   NC21062CNP / 11/19/21 / KBA
   B
- ADD DECK OPTION NC21056NCP · 12/17/21 · CTD



raleigh durham 40' SERIES



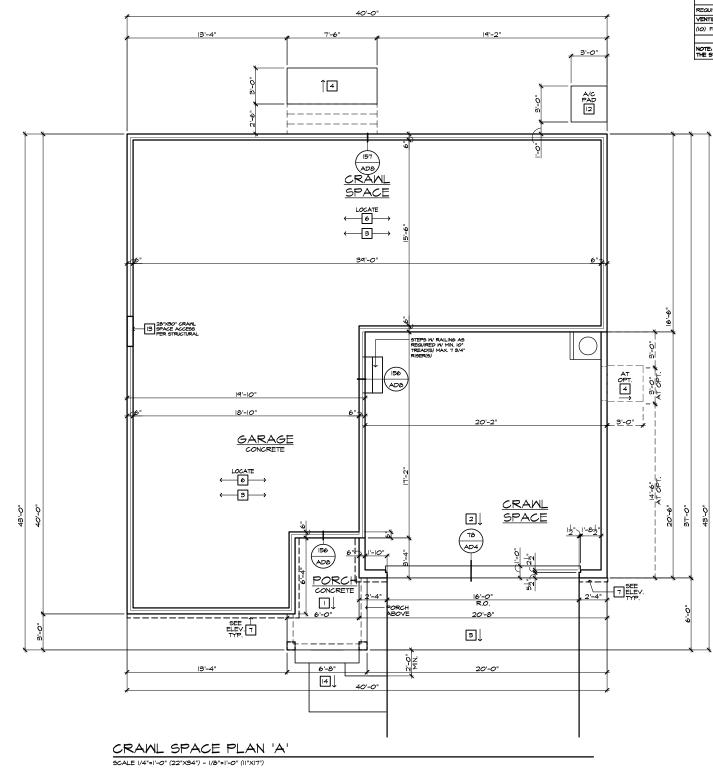
#         SLAB PLAN NOTES	
NOTE: NOT ALL KEY NOTES APPLY.	
<ol> <li>CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" FER FT. MIN.</li> <li>CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER</li> </ol>	
<ol> <li>CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/8" PER I-0" MIN. TOWARD DOOR OPENING.</li> <li>CONCRETE FOUNDATION PER STRUCTURAL.</li> </ol>	
4. CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.	
5. CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.	
6. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.	
<ol> <li>5" BRICK LEDGE FOR MASONRY VENEER.</li> <li>8" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.</li> </ol>	
9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.	
<li>VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.</li>	
II. 4" MIN. & I/4" MAX. TO HARD SURFACE. I2. A/C PAD. VERIFY LOCATION.	Harnett
13. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.	
x	
	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
x	
	ISSUE DATE: 03/24/21 PROJECT No.: 1350999:56
	DIVISION MGR.: DS
	REVISIONS: 12/17/21
	DIVISION REVISION NC2105ICNP / 08/16/21 / KBA
	ATTIC ACESS 2 ATTIC ACESS NC21062CNP / 11/19/21 / KBA
	ADD DECK OPTION 3 ADD DECK OPTION NC21056NCP · 12/17/21 · CTD
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	FOR INTERNAL USE ONLY REVIEWED BY:
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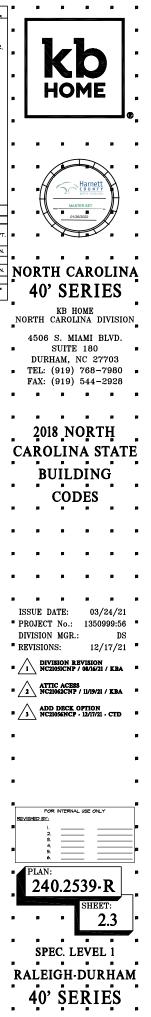
ø SPEC. LEVEL 1

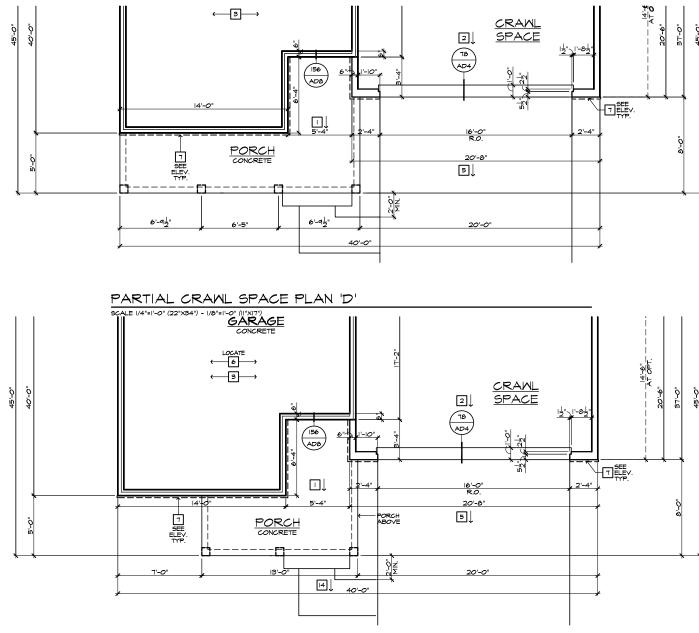
. . . . raleigh durham 40' SERIES

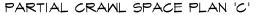


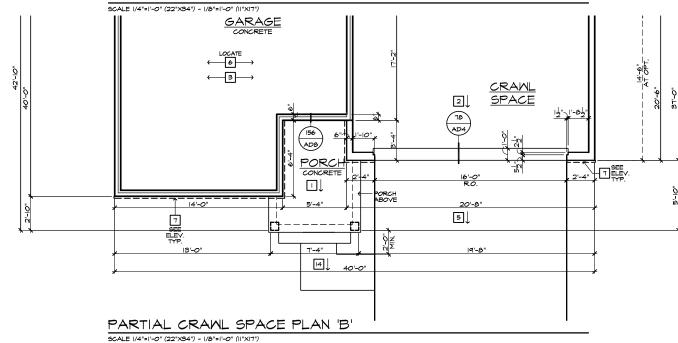


#	FOUNDATION PLAN NOTES
NO	TE: NOT ALL KEY NOTES APPLY.
Т.	CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.
2.	CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/6" PER. I'-0" MIN. TOWARD DOOR OPENING.
З.	FOUNDATION PER STRUCTURAL.
4.	STAIR LANDING: 36"x36" MIN.
5.	CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
6.	PROVIDE UNDER FLOOR VENTILATION
7.	4" TOE KICK FOR MASONRY VENEER.
8.	3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
۹.	REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
10.	VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL
п.	4" MIN, 7 3/4" MAX. TO HARD SURFACE.
12.	A/C PAD. VERIFY LOCATION.
13.	CRAML SPACE ACCESS
14.	36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.
UNDE	R FLOOR VENTING AREA
UNDE	R FLOOR AREA SHALL COMPLY WITH NORC 2018
UNDE	R FLOOR AREA CALCULATION = 1081 SQ. FT. / 150 7.21 SQ. FT
REQU	IRED AREA X 144 = 1038 50. IN
VENT	ILATION PROVIDED:
(10) 1	FOUNDATION VENTS 105 SQ. IN.= 1050 SQ. IN
	: CRAWLSPACE VENT TO BE LOCATED WITHIN 3'-0" OF THE CORNER OF STEM WALL

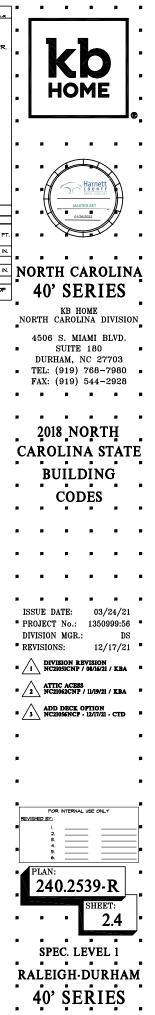


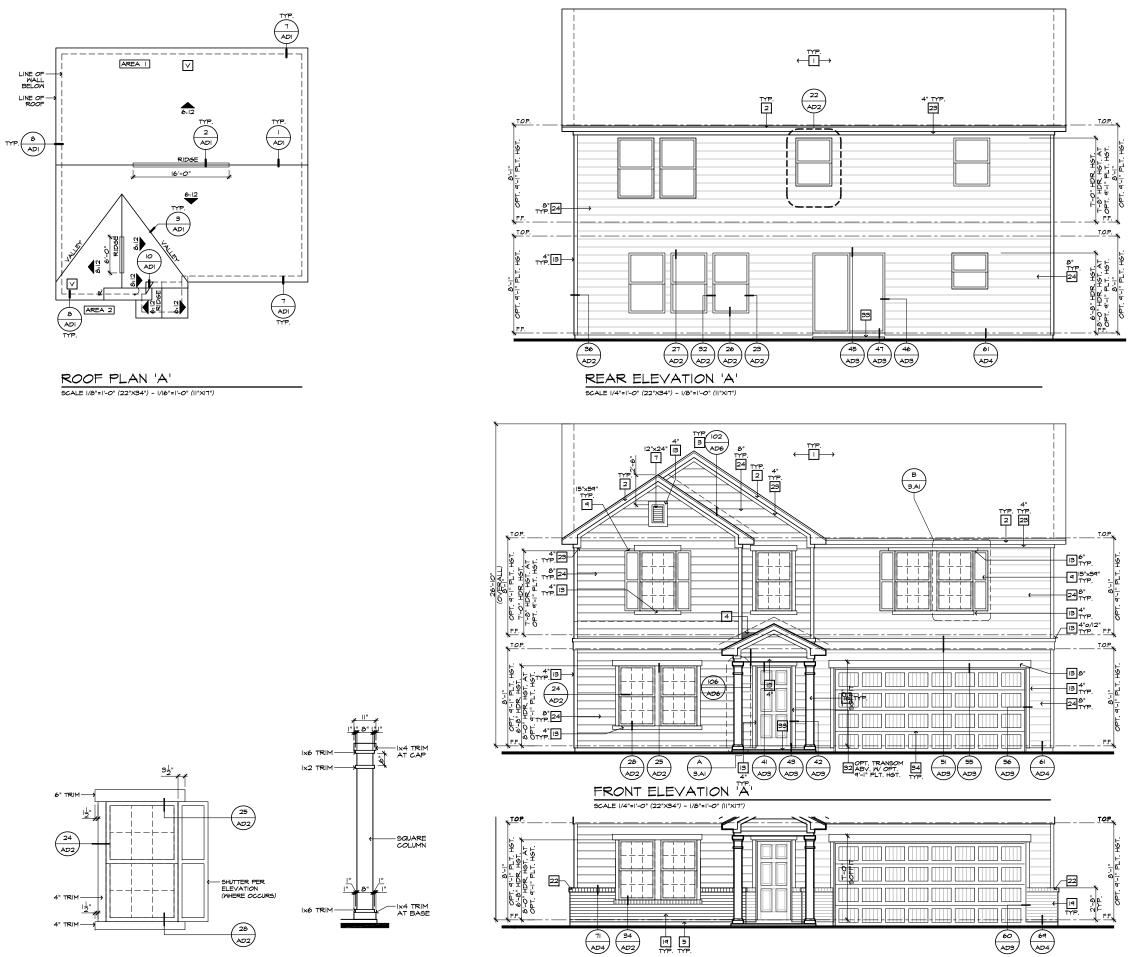






#	FOUNDATION PLAN NOTES
NO	TE: NOT ALL KEY NOTES APPLY.
Ι.	CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.
2.	CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENING.
з.	FOUNDATION PER STRUCTURAL.
4.	STAIR LANDING: 36"x36" MIN.
5.	CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
6.	PROVIDE UNDER FLOOR VENTILATION
7.	4" TOE KICK FOR MASONRY VENEER.
8.	3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
۹.	REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
10.	VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL
н.	4" MIN. 7 3/4" MAX. TO HARD SURFACE.
12.	A/C PAD. VERIFY LOCATION.
13.	CRAWL SPACE ACCESS
14.	36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN.
NDE	R FLOOR VENTING AREA
NDE	R FLOOR AREA SHALL COMPLY WITH NCRC 2018
NDE	R FLOOR AREA CALCULATION = 1081 SQ. FT. / 150 7.21 SQ. F
REQU	IRED AREA X 144 = 1038 50. II
/ENT	ILATION PROVIDED:
'1 <i>0</i> ) f	FOUNDATION VENTS 105 SQ. IN.= 1050 SQ. II
	: CRAWLSPACE VENT TO BE LOCATED WITHIN 3'-O" OF THE CORNER OF STEM WALL



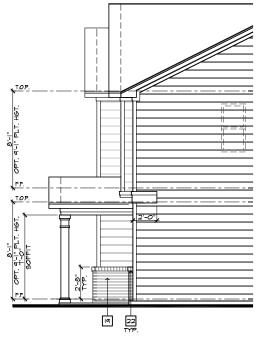


DETAIL 'B' SCALE: N.T.S.

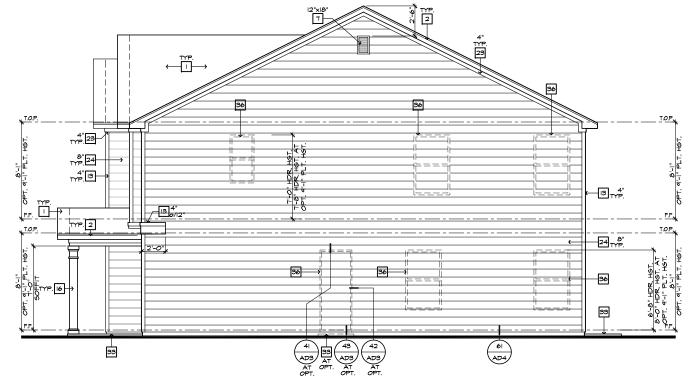
DETAIL 'A' SCALE: N.T.S.

PARTIAL FRONT ELEVATION 'A' W/ BRICK OPTION SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

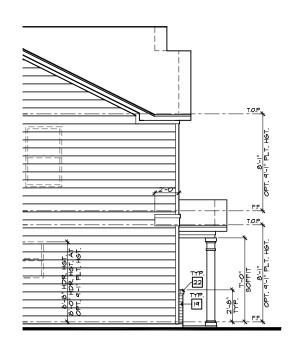
209 NG.R	
NOTE: NOT ALL KEY NOTES APPLY. I. ROOF MATERIAL - REFER TO ROOF NOTES	
2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP 3. G.I. FLASHING	
4. G.I. FLASHING & SADDLE/CRICKET	
5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY	
7. DECORATIVE VENT 8. DECORATIVE CORBEL	
9. DECORATIVE SHUTTERS	·   · · · · · -   ·
IO. PEDIMENT. SEE ELEVATION FOR TYPE II. RECESSED ELEMENT	, <b></b> *,
12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE	
<ol> <li>EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)</li> <li>PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)</li> </ol>	
FYPON OR EQ. SURROUNDING STRUCTURAL POST. 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	
17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS 18. STONE VENEER PER SPECS	Harnett
19. BRICK/MASONRY VENEER PER SPECS	MASTER SET
20. BUILT UP BRICK COLUMN	
21. SOLDIER COURSE 22. ROMLOCK 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	NORTH CAROLINA
28. P.T. LUMBER RAILINGS (+36" U.N.O.) 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS	40' SERIES
30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	KB HOME
31. BRACKET OR KICKER - FYPHON OR EQ. 32. ENTRY DOOR	NORTH CAROLINA DIVISION
33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS	4506 S. MIAMI BLVD.
35. ALUMINUM WRAP	<ul> <li>SUITE 180</li> <li>DURHAM, NC 27703</li> </ul>
36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF	∎ TEL: (919) 768-7980 ∎
38. KEYSTONE 39. SOLDIER CROWN	FAX: (919) 544–2928
40. JACK SOLDIER COURSE 41. WATER TABLE	
42. ATRIUM DOOR	
43. PILASTER - SEE ELEVATION FOR TYPE <b>ROOF PLAN NOTES 'A'</b>	2018 NORTH
INDICATES ROOF SLOPE	CAROLINA STATE
6:12 AND DIRECTION, U.N.O.	BUILDING
ROOF MATERIAL: COMPOSITION SHINGLE 12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O.	
12" (INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O.	CODES
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.	
ATTIC VENT CALCULATIONS PROVIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC	
SPACE. PROVIDE THAT AT LEAST 50% \$ NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS	
LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTING! (ON VENTING! AVC. P 2023)	
BY EAVE VENTS, (LOW VENTING) (2018 N.CR 806.2) * CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	
ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. AREA I / MAIN:	
VENTILATION REQUIRED:           ATTIC AREA = 1528         50. FT. / 300 5.09 50. FT.	ISSUE DATE: 03/24/21
X 144 = 793 50. IN. TOTAL HIGH & LOW = 793 50. IN.	<ul> <li>PROJECT No.: 1350999:56</li> <li>DIVISION MGR.: DS</li> </ul>
× 50% = 367 50. IN. VENTILATION PROVIDED:	REVISIONS: 12/17/21
HIGH 22 LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 346 SQ. IN.	DIVISION REVISION
0 ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.	/ 1 \ NC21051CNP / 08/16/21 / KBA
SUB-TOTAL HIGH VENTILATION: 396 SQ. IN.	
LOM 44 LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 304 SQ. IN.	ATTIC ACESS P 2 NC21062CNP / 11/19/21 / KBA P
LOA 44 LF VENTILATED SOFFIT AT 6.9 50. IN. / LF. = 304 50. IN. 2 ROOF VENT(5) AT 50 50. IN. EA. = 100 50. IN. 5UB-TOTAL LON VENTILATION: 404 50. IN.	ATTIC ACESS ATTIC ACESS NC21062CNP / 11/19/21 / KBA ADD DECK OPTION ADD DECK OPTION ADD DECK OPTION ADD DECK OPTION ADD DECK OPTION
LON         44         LF VENTILATED SOFFIT AT         6.4         So. IN. / LF. =         304 So. IN.           2         ROOF VENTIG) AT         50 So. IN. EA. =         100 So. IN.           SUB-TOTAL LOW VENTIGATION         404 So. IN.           TOTAL VENTILATION PROVIDED.         800 So. IN.           AREA 2 / PORCH:         800 So. IN.	■ <u>2</u> NC21062CNP / 11/19/21 / KBA ■ ∧ ADD DECK OPTION
LOIX         LeventLated soffit at 6,4         So. IN. / LF. =         304 So. IN.           44         LF VENTLATED SOFFIT AT 6,4         So. IN. / LF. =         100 So. IN.           SUB-TOTAL LOW VENTIO AT 50         So. IN. EA. =         100 So. IN.           SUB-TOTAL LOW VENTIO ATTON.         600 So. IN.         404 So. IN.           TOTAL VENTLATION PROVIDED.         600 So. IN.         600 So. IN.           AREA 2 / PORCH.         VENTLATION REQUIRED.         ATTIC AREA = 81         So. FT. / TEO         0.21 So. FT.	■ <u>2</u> NC21062CNP / 11/19/21 / KBA ■ ∧ ADD DECK OPTION
LON         LON         LP VENTLATED SOFFIT AT         6.4         So. IN. / LF. =         304 So. IN.           44         LF VENTLATED SOFFIT AT         50         So. IN. / LF. =         100 So. IN.           SUB-TOTAL LOW VENTLS) AT         50         So. IN. EA. =         100 So. IN.           TOTAL VENTLATION         404 So. IN.         404 So. IN.           AREA 2 / PORCH.         800 So. IN.         800 So. IN.           AREA 2 / PORCH.         800 So. IN.         800 So. IN.           AREA 2 / PORCH.         100 ZO. IN.         100 ZO. IN.           AREA 2 / PORCH.         XIA4 =         30 So. IN.           ATTIC AREA = 3I         So. FT. / ISO         0.2I So. IN.           TOTAL HIGH 4 LOW =         30 So. IN.         TOTAL HIGH 4 LOW =         30 So. IN.	■ <u>2</u> NC21062CNP / 11/19/21 / KBA ■ ∧ ADD DECK OPTION
LON         LON         LON         LEV VENTILATED SOFFIT AT         6.4         SO. IN. / LF. =         304 So. IN.           2         ROOF VENTIS) AT         50         SO. IN. EA. =         100 So. IN.           SUB-TOTAL LOW VENTIATION:         50         SO. IN. EA. =         100 So. IN.           TOTAL VENTIATION REVIED:         800 So. IN.         800 So. IN.           AREA 2 / FORCH:         800 So. IN.         800 So. IN.           VENTLATION REQUIRED:         100 O 201 So. IN.         100 O 201 So. IN.           ATTIC AREA = 31         100 So. IN.         144 = 30 So. IN.           VENTLATION PROVIDED:         TOTAL HIGH 4 LOW =         30 So. IN.           VENTLATION PROVIDED:         100 SOFFIT AT         6.4         So. IN. / LF. =	
LON         Leventlated soffit at 6.4 So. IN. / LF. =         304 So. IN.           44         LF VENTLATED SOFFIT AT 6.4 So. IN. / LF. =         100 So. IN.           2         ROOF VENTIG) AT 50 So. IN. EA. =         100 So. IN.           SUB-TOTAL LOW VENTLATION.         600 So. IN.         404 So. IN.           TOTAL. VENTLATION PROVIDED.         800 So. IN.         800 So. IN.           AREA 2 / PORCH.         VENTLATION REQUIRED.         800 So. IN.           ATTIC AREA = 3I         So. FT. / ISO 0.21 So. FT.         X 144 =           20 So. IN.         TOTAL HIGH # LOW =         30 So. IN.           VENTLATION PROVIDED.         30 So. IN.         So. So. IN.	
LON         LON         LON         LON         LON         Sofe Year(5) AT         6.4         Soi, IN, LE, =         204 Soi, IN,           SUB-TOTAL LON VENTIGATION:         So         Soi, IN, EA, =         100 Soi, IN,         404 Soi, IN,           SUB-TOTAL LON VENTIGATION:         TOTAL VENTIGATION:         404 Soi, IN,         404 Soi, IN,           TOTAL VENTIGATION REQUIRED;         800 Soi, IN,         800 Soi, IN,         404 Soi, IN,           AREA 2 / FORCH:         100 Soi, IN,         800 Soi, IN,         800 Soi, IN,           VENTILATION REQUIRED;         100 OZI Soi, IN,         100 OZI Soi, IN,           ATTIC AREA = 31         Soi, FT, / ISO         201 Soi, IN,           VENTILATION REQUIRED;         100 AZI, IN, ILL, ICH I SOI, IN,         100 AZI, IN,           (5)         LF VENTILATED SOFFIT AT         6.4         Soi, IN, LE, =         35 Soi, IN,           (6)         LF RIDGE VENT(S) AT         18< Soi, IN, EA, =	
LON         LON         LON         LON         Sofe VENT(5) AT         50         Sol, IN, LE, =         304 50, IN, LON 50, IN, LE, =         304 50, IN, LON 50, IN, LE, =         100 50, IN, IN, LE, =         100 50, IN, LE, =         100 50	
LON         44         LF VENTLATED SOFFIT AT         6.4         90. IN. / LF. =         304 50. IN.           44         ROOF VENT(5) AT         50         50. IN. EA. =         100 50. IN.           3UB-TOTAL LOW VENTLATION.         404 50. IN.         404 50. IN.         404 50. IN.           TOTAL VENTLATION PROVIDED.         800 50. IN.         800 50. IN.           AREA 2 / FORCH.         800 50. IN.         800 50. IN.           VENTLATION REQUIRED.         100 0.21 50. FT.         800 50. IN.           ATTIC AREA = 31         50. FT. / ISO 0.21 50. FT.         30 50. IN.           VENTLATION REQUIRED.         144 = 30 50. IN.         30 50. IN.           (5)         LF VENTLATED SOFFIT AT 6.4 50. IN. / LF. =         35 50. IN.           (6)         LF RUDEF VENT(5).         35 50. IN.           TOTAL VENTLATION PROVIDED.         0 50. IN.         35 50. IN.           (7)         LF RUDEF VENT(5).         35 50. IN.         35 50. IN.           MOTES:         ALL DE COVERED WITH 1/4" CORROSION         35 50. IN.           RESISTAT METAL MESH.         ERESPONSIBLE FOR COORDINATING WITH TRU55           MAUFACTURER TO ACCOMMODATE ALL ATL CORDINATING WITH TRU55         MAUFACTURER TO ACCOMMODATE ALL ATL CORDINATING WITH TRU55	/2         NC21062CNP / 11/19/21 / KBA           /3         ADD DECK OPTION NC21056NCP · 12/17/21 · CTD           /3         POR INTERNAL USE ONLY           SEVENCE PT
LON         LON         LON         LON         Sofe VENT(5) AT         50         Sol, IN, LE, =         304 50, IN, LON 50, IN, LE, =         304 50, IN, LON 50, IN, LE, =         100 50, IN, IN, LE, =         100 50, IN, LE, =         100 50	/2         NC21062CNP / 11/19/21 / KBA           /3         ADD DBCK OPTION           /3         NC21056NCP · 12/17/21 · CTD           /3         FOR INTERNAL USE ONLY           SEVENED EV:         .           .         .
LON         LON         LON         LON         Soferin At         6.4         So. IN. / LF. =         304 50. IN.           44         ROOF VENT(S) AT         50         So. IN. EA. =         100 50. IN.           SUB-TOTAL LOW VENT(S) AT         50         So. IN. EA. =         100 50. IN.           SUB-TOTAL LOW VENT(ATION:         404 50. IN.         404 50. IN.           TOTAL VENTLATION PROVIDED:         800 50. IN.         800 50. IN.           AREA 2 / PORCH.         100 02. IN.         800 50. IN.           VENTLATION REQUIRED:         TOTAL VENTLATION REQUIRED:         30 50. IN.           ATTIC AREA = 31         So. FT. / ISO         021 50. FT.           VENTLATION REQUIRED:         TOTAL HEIN # LOW =         30 50. IN.           (5)         LF VENTLATED SOFFIT AT         6.4         So. IN. LE           (6)         LF VENTLATION PROVIDED.         35 50. IN.         0 50. IN.           (7)         LF VENTLATED SOFFIT AT         6.4         So. IN. LE         0 50. IN.           (7)         LF VENTLATION PROVIDED.         50         So. IN.         50 50. IN.           (6)         LF VENTLATED SOFFIT AT         6.4         So. IN.         55 50. IN.           (7)         VENTLETON PROVIDED.         55 50. IN.	/2         NC21062CNP / 11/19/21 / KBA           /3         ADD DBCK OPTION NC21056NCP - 12/17/21 - CTD           /3         NC21056NCP - 12/17/21 - CTD           /3         NC21056NCP - 12/17/21 - CTD           /4         ////////////////////////////////////
LORI         LORITLATED SOFFITAT 6.4 So. IN. / LF. =         304 So. IN.           44         LF VENTLATED SOFFITAT 50 So. IN. / LF. =         100 So. IN.           SUB-TOTAL LOW VENTLATION:         404 So. IN.           TOTAL VENTLATION         404 So. IN.           42         ROOF VENT(S) AT         50 So. IN. EA. =           SUB-TOTAL LOW VENTLATION:         404 So. IN.           404 So. IN.         404 So. IN.           AVENTLATION PROVIDED.         800 So. IN.           AREA 2 / PORCH.         100 So. IN.           VENTLATION REQUIRED.         X144 =           ATTIC AREA = 31         So. FT. / ISO           VENTLATION PROVIDED.         704 So. IN.           (6)         LF VENTLATED SOFFITAT           (7)         LF RIDGE VENT(S) AT           (8)         So. IN.           (9)         LF RIDGE VENT(S) AT           (9)         LF RIDGE VENT(S) AT           (10)         LF RIDGE VENT(S) AT           (20)         LF RIDGE VENT(S) AT           (20)         LF RIDGE VENT(S) AT           (3)         So. IN.           (4)         VENTLATION PROVIDED.           (5)         LF ROME SHALL BE COVERED WITH 1/4" CORROSION           RESISTATICRER TO ACCOMODATE LLA ATTIC VENTS.	/2         NC21062CNP / 11/19/21 / KBA           /3         ADD DBCK OPTION NC21056NCP · 12/17/21 · CTD           /3         POR INTERNAL USE ONLY           EXMEPSION         1           1         2           2         1           3         4           4         4           5         4           6         1
LON           44         LF VENTLATED SOFFIT AT 6,4 So, IN, / LF, =         304 So, IN,           2         ROOF VENT(S) AT         50         So, IN, EA, =         100 So, IN,           SUB-TOTAL LOW VENTLATION:         404 SO, IN,         404 SO, IN,         404 SO, IN,           TOTAL, VENTLATION,         50         So, IN, EA, =         100 So, IN,           AUTORAL, VENTLATION,         800 SO, IN,         800 SO, IN,           AREA 2 / FORCH,         800 SO, IN,         800 SO, IN,           VENTLATCH REQUIRED,         1144 SO, SO, IN,         30 SO, IN,           ATTIC AREA = 31         SO, FT, / ISO,         21 SO, SO, IN,           (b)         LF VENTLATED SOFFIT AT 6,4 SO, IN, / LF, =         30 SO, IN,           (c)         LF RIDGE VENT(S) AT         18 SO, IN, EA =         30 SO, IN,           (c)         LF RIDGE VENT(S) AT         18 SO, IN, EA =         35 SO, IN,           (d)         LF RIDGE VENT(S) AT         18 SO, IN, EA =         35 SO, IN,           (d)         LF RIDGE VENT(S), AT         18 SO, IN, EA =         35 SO, IN,           (d)         LF RIDGE VENT(S), AT         18 SO, IN, EA =         35 SO, IN,           (d)         LF RIDGE VENT(S), AT         18 SO, IN, ILE, EA SO, IN, EA =         35 SO, IN, <tr< td=""><td>/2         NC21062CNP / 11/19/21 / KBA           /3         ADD DECK OPTION           /3         NC21056NCP · 12/17/21 · CTD           FOR INTERVAL USE ONLY           SEVERED EX.           2           3.           4.           5.           6.           PLAN:           240.2539-R</td></tr<>	/2         NC21062CNP / 11/19/21 / KBA           /3         ADD DECK OPTION           /3         NC21056NCP · 12/17/21 · CTD           FOR INTERVAL USE ONLY           SEVERED EX.           2           3.           4.           5.           6.           PLAN:           240.2539-R
LON         LON         Softward         Softw	/2     NC21062CNP / 11/19/21 / KBA       /3     ADD DBCK OPTION NC21056NCP - 12/17/21 - CTD       /3     NC21056NCP - 12/17/21 - CTD       /4     ////////////////////////////////////
LON           44         LF VENTLATED SOFFIT AT 6,4 90, IN / LF, =         304 50, IN,           2         ROOF VENT(5) AT         50         50, IN, EA, =         100 50, IN,           3UB-TOTAL LOW VENTLATION:         404 50, IN,         404 50, IN,         404 50, IN,           TOTAL VENTLATION         800 50, IN, EA, =         100 50, IN,         404 50, IN,           AREA 2 / FORCH.         800 50, IN,         800 50, IN,         404 50, IN,           AREA 2 / FORCH.         800 50, IN,         800 50, IN,         800 50, IN,           AREA 2 / FORCH.         800 50, IN,         800 50, IN,         800 50, IN,           VENTLATION REQUIRED.         50, 50, IN,         114 4         30 50, IN,           C0         LF VENTLATED SOFFIT AT 6,4 90, IN, / LF, =         35 50, IN,         0 50, IN,           C0         LF VENTLATED SOFFIT AT 6,4 90, IN, / LF, =         35 50, IN,         0 50, IN,           C0         LF VENTLATED SOFFIT AT 6,4 90, IN, / LF, =         35 50, IN,         0 50, IN,           C0         LF VENTLATED SOFFIT AT 6,4 90, IN, / LF, =         35 50, IN,         0 50, IN,           C0         LF VENTLATED SOFFIT AT 6,4 90, IN, / LF, =         35 50, IN,         0 50, IN,           C1         VENTLATION PROVIDED,         INTEAL HEINER ADD, IN, IN, I	/2         NC21062CNP / 11/19/21 / KBA           /3         ADD DECK OPTION           /3         NC21056NCP · 12/17/21 · CTD           /4         /4           /4         /4           /5         /4           /6         /4           /1         /4           /1         /4           /2         /4           /3         /4           /4         /5           /4         /4           /4
LON           44         LF VENTLATED SOFFIT AT 6,4 So, IN, / LF, =         304 So, IN,           2         ROOF VENT(S) AT         50         So, IN, EA, =         100 So, IN,           SUB-TOTAL LOW VENTLATION:         404 SO, IN,         404 SO, IN,         404 SO, IN,           TOTAL, VENTLATION,         50         So, IN, EA, =         100 So, IN,           AUTORAL, VENTLATION,         800 SO, IN,         800 SO, IN,           AREA 2 / FORCH,         800 SO, IN,         800 SO, IN,           VENTLATCH REQUIRED,         1144 SO, SO, IN,         30 SO, IN,           ATTIC AREA = 31         SO, FT, / ISO,         21 SO, SO, IN,           (b)         LF VENTLATED SOFFIT AT 6,4 SO, IN, / LF, =         30 SO, IN,           (c)         LF RIDGE VENT(S) AT         18 SO, IN, EA =         30 SO, IN,           (c)         LF RIDGE VENT(S) AT         18 SO, IN, EA =         35 SO, IN,           (d)         LF RIDGE VENT(S) AT         18 SO, IN, EA =         35 SO, IN,           (d)         LF RIDGE VENT(S), AT         18 SO, IN, EA =         35 SO, IN,           (d)         LF RIDGE VENT(S), AT         18 SO, IN, EA =         35 SO, IN,           (d)         LF RIDGE VENT(S), AT         18 SO, IN, ILE, EA SO, IN, EA =         35 SO, IN, <tr< td=""><td>/2     NC21062CNP / 11/19/21 / KBA       /3     ADD DBCK OPTION NC21056NCP - 12/17/21 - CTD       /3     NC21056NCP - 12/17/21 - CTD       /4     ////////////////////////////////////</td></tr<>	/2     NC21062CNP / 11/19/21 / KBA       /3     ADD DBCK OPTION NC21056NCP - 12/17/21 - CTD       /3     NC21056NCP - 12/17/21 - CTD       /4     ////////////////////////////////////
LON           44         LF VENTLATED SOFFIT AT 6,4 So, IN, / LF, =         304 So, IN,           2         ROOF VENT(S) AT         50         So, IN, EA, =         100 So, IN,           SUB-TOTAL LOW VENTLATION:         404 SO, IN,         404 SO, IN,         404 SO, IN,           TOTAL, VENTLATION,         50         So, IN, EA, =         100 So, IN,           AUTORAL, VENTLATION,         800 SO, IN,         800 SO, IN,           AREA 2 / FORCH,         800 SO, IN,         800 SO, IN,           VENTLATCH REQUIRED,         1144 SO, SO, IN,         30 SO, IN,           ATTIC AREA = 31         SO, FT, / ISO,         21 SO, SO, IN,           (b)         LF VENTLATED SOFFIT AT 6,4 SO, IN, / LF, =         30 SO, IN,           (c)         LF RIDGE VENT(S) AT         18 SO, IN, EA =         30 SO, IN,           (c)         LF RIDGE VENT(S) AT         18 SO, IN, EA =         35 SO, IN,           (d)         LF RIDGE VENT(S) AT         18 SO, IN, EA =         35 SO, IN,           (d)         LF RIDGE VENT(S), AT         18 SO, IN, EA =         35 SO, IN,           (d)         LF RIDGE VENT(S), AT         18 SO, IN, EA =         35 SO, IN,           (d)         LF RIDGE VENT(S), AT         18 SO, IN, ILE, EA SO, IN, EA =         35 SO, IN, <tr< td=""><td><math display="block">\begin{array}{c} \underline{2} \\ \underline{1} \\ </math></td></tr<>	$\begin{array}{c} \underline{2} \\ \underline{1} \\ $
LON           44         LF VENTILATED SOFFIT AT 6,4 So. IN. / LF. =         304 50. IN.           2         ROOF VENT(S) AT         50 So. IN. EA. =         100 50. IN.           SUB-TOTAL LOW VENTILATION:         404 50. IN.         404 50. IN.           TOTAL VENTILATION PROVIDED:         800 So. IN.         800 So. IN.           AVENTLATCH PROVIDED:         800 So. IN.         800 So. IN.           AREA 2 / FORCH.         100 0.21 So. FT.         800 So. IN.           MATLA CON REQUIRED.         XI44 = 30 So. IN.         800 So. IN.           ATTIC AREA = 31         XI44 = 30 So. IN.         80 So. IN.           (3)         LF VENTILATED SOFFIT AT 6,4 So. IN. / LF. =         35 So. IN.           (4)         LF RIDGE VENT(S) AT         18 So. IN. EA. =         0 So. IN.           (5)         LF VENTILATED SOFFIT AT 6,4 So. IN. / LF. =         35 So. IN.           (6)         LF RIDGE VENT(S) AT         18 So. IN. EA. =         0 So. IN.           (7)         LF RIDGE VENT(S) AT         18 So. IN. EA. =         0 So. IN.           (7)         LF RIDGE VENT(S) AT         18 So. IN. EA. =         0 So. IN.           (8)         LF RIDGE VENT(S) AT         18 So. IN. EA. =         0 So. IN.           (9)         LF RIDGE VENT(S) SHALL BE COVERED WITH 1/4"	/2         NC21062CNP / 11/19/21 / KBA           /3         ADD DBCK OPTION           /3         NC21056NCP - 12/17/21 - CTD           SEMERED EX         -           2         -           3         -           4         -           5         -           4         -           2         -           4         -           5         -           4         -           5         -           240.2539-R         SHEET:           3.A1
Low           44         LF VENTILATED SOFFIT AT 6,4 So. IN. / LF. =         304 So. IN.           2         ROOF VENT(S) AT         50 So. IN. EA. =         100 So. IN.           SUB-TOTAL LOW VENTILATION:         404 So. IN.         404 So. IN.           TOTAL VENTILATION:         800 So. IN. EA. =         100 So. IN.           VENTILATION REQUIRED:         800 So. IN.         800 So. IN.           AREA 2 / FORCH.         800 So. IN.         800 So. IN.           VENTILATION REQUIRED.         800 So. IN.         800 So. IN.           ARTEA 2 / FORCH.         100 O.21 So. FT.         100 O.21 So. FT.           VENTILATION REQUIRED.         1144 = 30 So. IN.         1144 = 30 So. IN.           ALT VENTILATION PROVIDED.         100 So. IN.         0 So. IN.           (6)         LF VENTILATED SOFFIT AT 6,4 So. IN. / LF. =         30 So. IN.           (7)         LF VENTLATED PROVIDED.         35 So. IN.           (8)         LF VENTLATED DOVED.         35 So. IN.           MOTAL VENTLOPENINGS SHALL BE COVERED WITH 1/4" CORROSION         85 So. IN.           RESISTATURET TO ACCOMMODATE ALL ATTICK VENTS.         35 So. IN.           MAUFACTURET TO ACCOMMODATE ALL ATTICK VENTS.         35 So. IN.           NOTES:         ALL VENT OPENINGS SHALL DE COVERED WITH 1/4" CORROSION     <	$\begin{array}{c} \underline{2} \\ \underline{1} \\ $



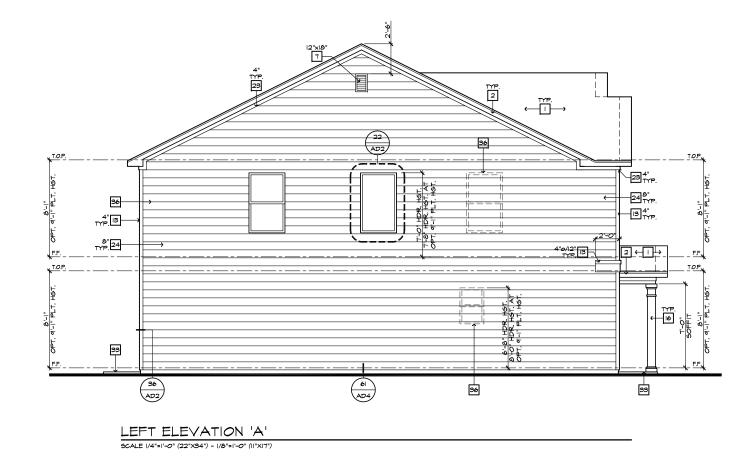
PARTIAL RIGHT ELEVATION 'A' W/ MASONRY OPTION SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X17")



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



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



#	ELEVATION NOTES	•	8	8	•	8	
NOT	E: NOT ALL KEY NOTES APPLY.					_	
١.	ROOF MATERIAL - REFER TO ROOF NOTES	8					P
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP						
З.	G.I. FLASHING						
4.	G.I. FLASHING & SADDLE/CRICKET	-					-
5.	G.I. DRIP SCREED		1				
6.	24"x24" CHIMNEY	8					
٦.	DECORATIVE VENT		N		M	C I	
8.	DECORATIVE CORBEL			70			
۹.	DECORATIVE SHUTTERS	-					
ю.	PEDIMENT. SEE ELEVATION FOR TYPE						æ
п.	RECESSED ELEMENT	P					
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.		8	T		<b>.</b>	
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE		1	4		N	
17.	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS		4	1 ~	Harn	ett 🖌	
18.	STONE VENEER PER SPECS		-11	20	NORTH CAU	RELIDA	
19.	BRICK/MASONRY VENEER PER SPECS		Щ		ASTER SET	— П	
20	BUILT UP BRICK COLUMN	8	»H		11/26/2022	/H	8
	SOLDIER COURSE			<u>_</u>	01/26/2022	- //	
	ROWLOCK COURSE	_	_	Ś		IJ	_
	FRIEZE BOARD		8				
	FIBER-CEMENT SIDING PER SPECS						
	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE	8	8		8	8	
	PRE-FAB DECORATIVE TRIM	NO	ъπ	TT /		<b>AT 1</b> 1	та
	LIGHT WEIGHT PRECAST STONE TRIM		КI	нч	-AK	OLIN	NA
	P.T. LUMBER RAILINGS (+36" U.N.O.)	<b>1</b> ,	1	0	CD.	TEC	p
	FIBER-CEMENT SMOOTH BOARD SEE SPECS	4	ŧV	ວ.	сĸ	IES	
	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	•		KB	HOME		
31.	BRACKET OR KICKER - FYPHON OR EQ.	NOR	TH	CARO	LINA	DIVISI	ON
32.	ENTRY DOOR	<b>P</b>					P
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4	506	S. M	<b>IAMI</b>	BLVD.	
34.	SECTIONAL GARAGE DOOR PER SPECS	8		SUIT	E 18	0	
35.	ALUMINUM WRAP	т	NIR	нам	NC	27703	
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS						
37.	OPTIONAL STANDING SEAM METAL ROOF					8-7980	
38.	KEYSTONE	F.	AX:	(919	) 544	1-2928	
39.	SOLDIER CROWN		ø		8	8	
40.	JACK SOLDIER COURSE						
41.	WATER TABLE						
42.	ATRIUM DOOR	8		8	8		P
43.	PILASTER - SEE ELEVATION FOR TYPE		2.01	18 N	IOŖ	TH	
			201				p
		CA	Rſ	)LT	NA	STA <sub>]</sub>	ſΕ
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			R	UIL	,DII	NG	
			8	8	8	8	8
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CODES

PROJECT No.: 1350999:56

DIVISION REVISION NC2105ICNP / 08/16/21 / KBA ATTIC ACESS
 ACESS NC21062CNP / 11/19/21 / KBA

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

FOR INTERNAL USE ONL

PLAN: **240.2539-R** 

spec. level 1 raleigh-durham 40' SERIES

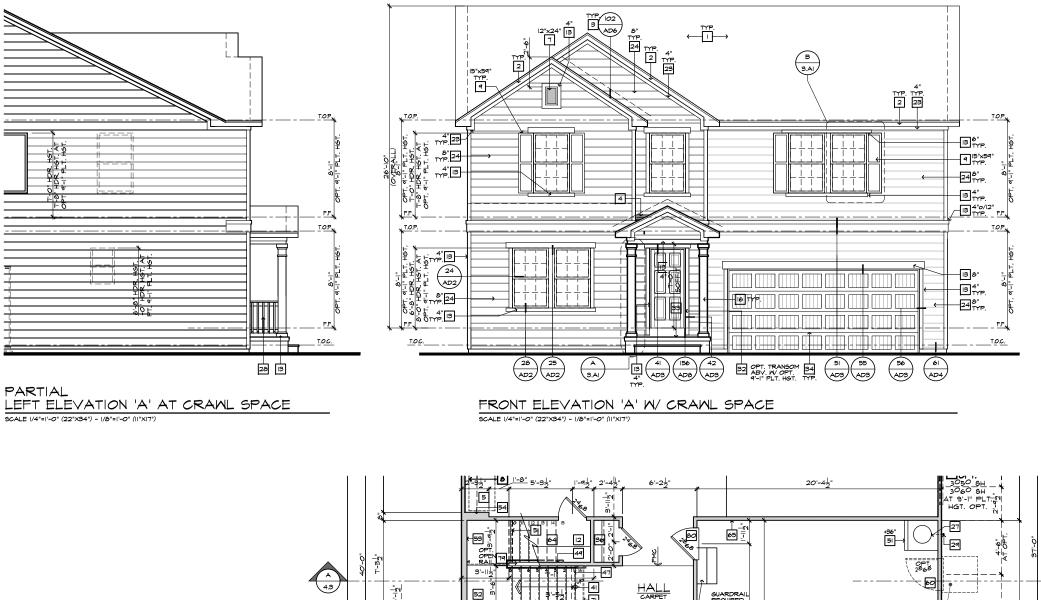
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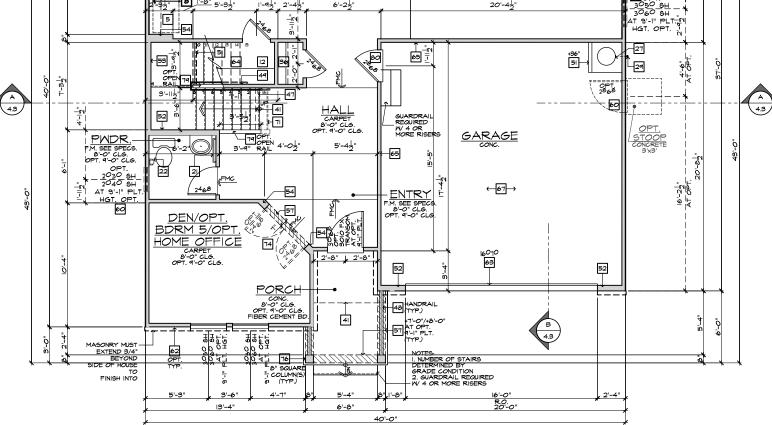
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ISSUE DATE:

REVISIONS:

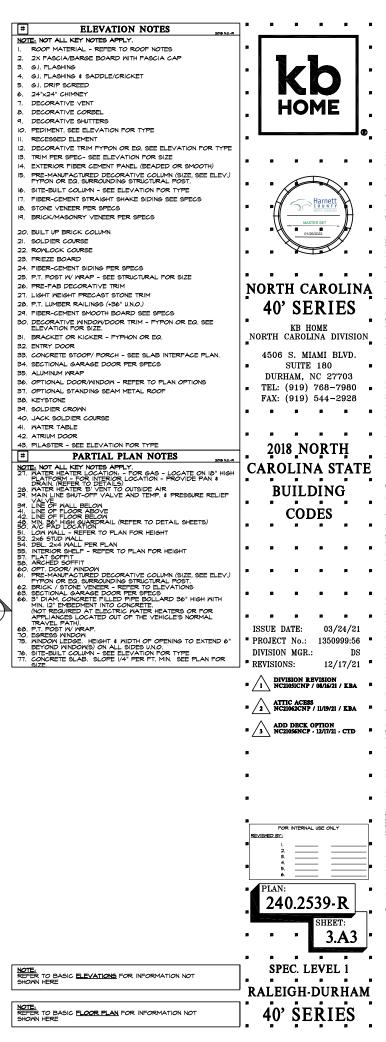
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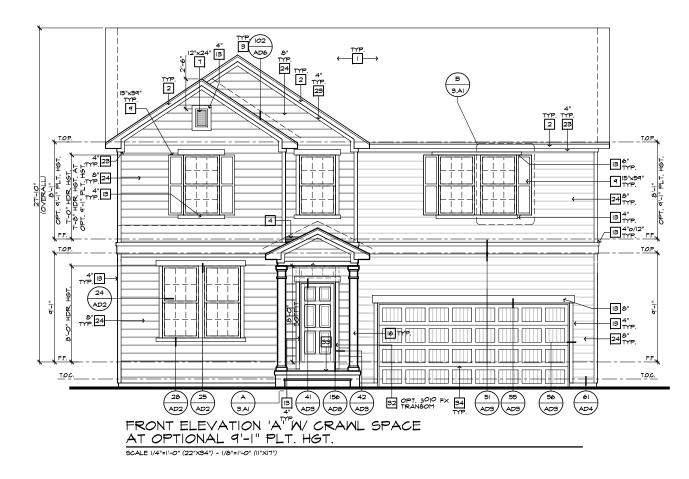


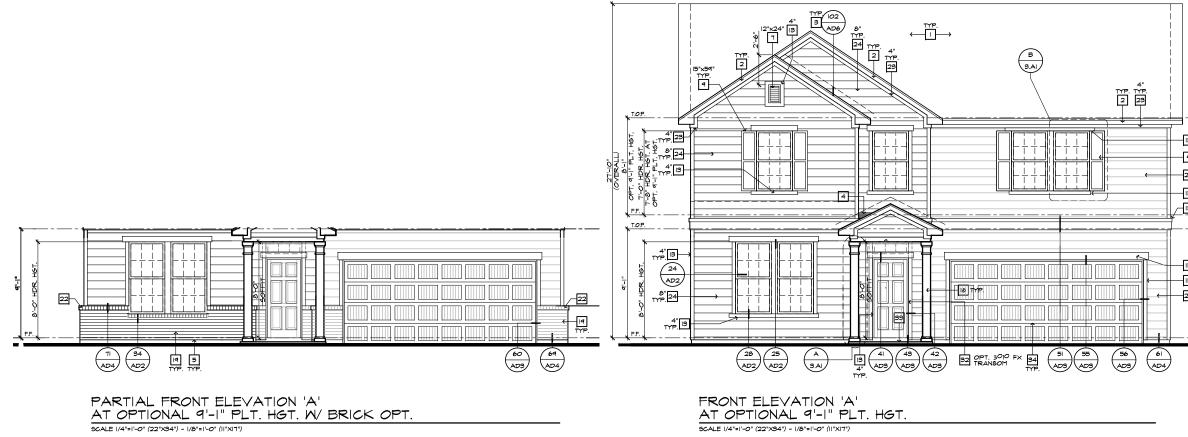


PARTIAL FIRST FLOOR PLAN 'A' AT CRAWL SPACE

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



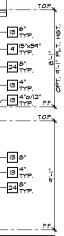


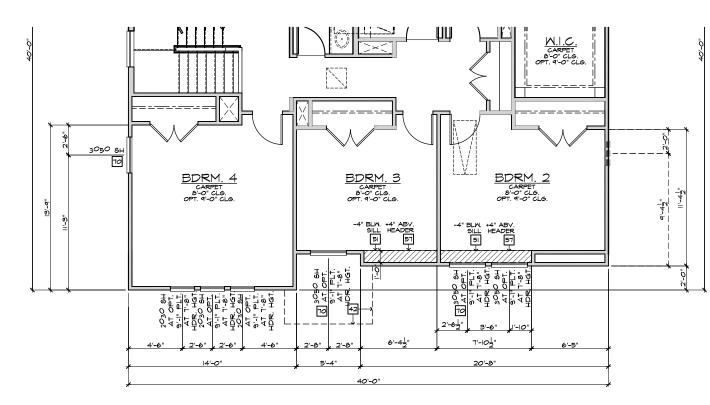


#	ELEVATION NOTES
OTE	NOT ALL KEY NOTES APPLY.
. 1	ROOF MATERIAL - REFER TO ROOF NOTES
2. :	2X FASCIA/BARGE BOARD WITH FASCIA CAP
З. (	5.1. FLASHING
4. (	5.1. FLASHING & SADDLE/CRICKET
	5.I. DRIP SCREED
	24"x24" CHIMNEY
7. 1	DECORATIVE VENT
	DECORATIVE CORBEL
	DECORATIVE SHUTTERS
	PEDIMENT. SEE ELEVATION FOR TYPE
	RECESSED ELEMENT
	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
	RIM PER SPEC- SEE ELEVATION FOR SIZE
	EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)
5. 1	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)
	DITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
	BER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS
	TONE VENEER PER SPECS
	BRICK/MASONRY VENEER PER SPECS
	BUILT UP BRICK COLUMN
	OLDIER COURSE
	ROWLOCK COURSE
	RIEZE BOARD
	BER-CEMENT SIDING PER SPECS
	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
	RE-FAB DECORATIVE TRIM
	P.T. LUMBER RAILINGS (+36" U.N.O.)
	FIBER-CEMENT SMOOTH BOARD SEE SPECS DECORATIVE WINDOWDOOR TRIM - FYPON OR EQ. SEE
^. i	ELEVATION FOR SIZE.
i. i	BRACKET OR KICKER - FYPHON OR EQ.
2. 1	ENTRY DOOR
з. с	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
4. 9	ECTIONAL GARAGE DOOR PER SPECS
5.,	ALUMINUM WRAP
6. 6	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
B7. d	OPTIONAL STANDING SEAM METAL ROOF
8. 1	KEYSTONE
<b>9</b> . :	SOLDIER CROWN
ю	IACK SOLDIER COURSE
AL I	NATER TABLE
2. ,	ATRIUM DOOR
в. 1	PILASTER - SEE ELEVATION FOR TYPE
	9-1" PLATE OPTION

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

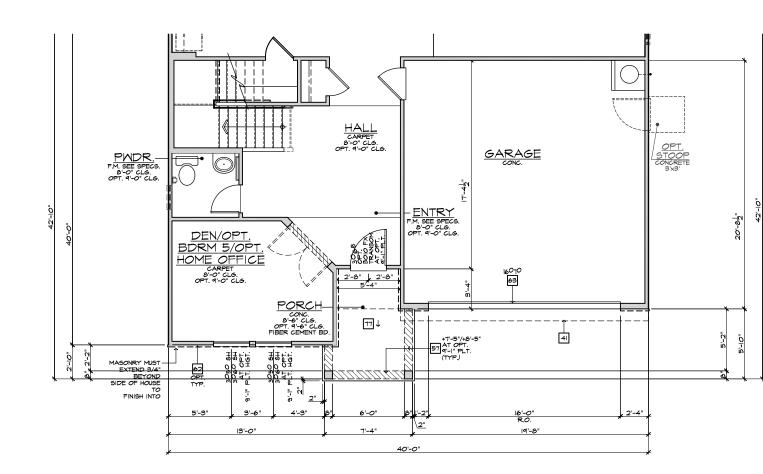
. . . **kb** HOME 8 8 Harne . . . ORTH CAROLINA 40' SERIES KB HOME RTH CAROLINA DIVISION 4506 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703 TEL: (919) 768-7980 🔹 FAX: (919) 544-2928 . . . . . . . . 2018 NORTH **ROLINA STATE** BUILDING CODES 03/24/21 ISSUE DATE: PROJECT No.: 1350999:56 DIVISION MGR.: DS 12/17/21 📱 REVISIONS: DIVISION REVISION DIVISION REVISION NC2105ICNP / 04/16/21 / KBA B 2 ATTIC ACESS NC21062CNP / 11/19/21 / KBA ADD DECK OPTION NC21056NCP · 12/17/21 · CTD FOR INTERNAL USE ONLY PLAN: 240.2539-R SHEET: 3.A4 SPEC. LEVEL 1 8 8 raleigh-durham 40' SERIES





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PARTIAL SECOND FLOOR PLAN 'B'
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")
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BASIC PLAN



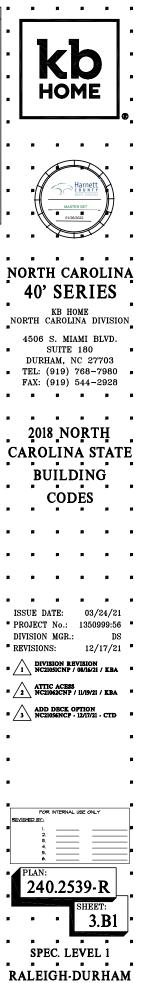
### PARTIAL FIRST FLOOR PLAN 'B'

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

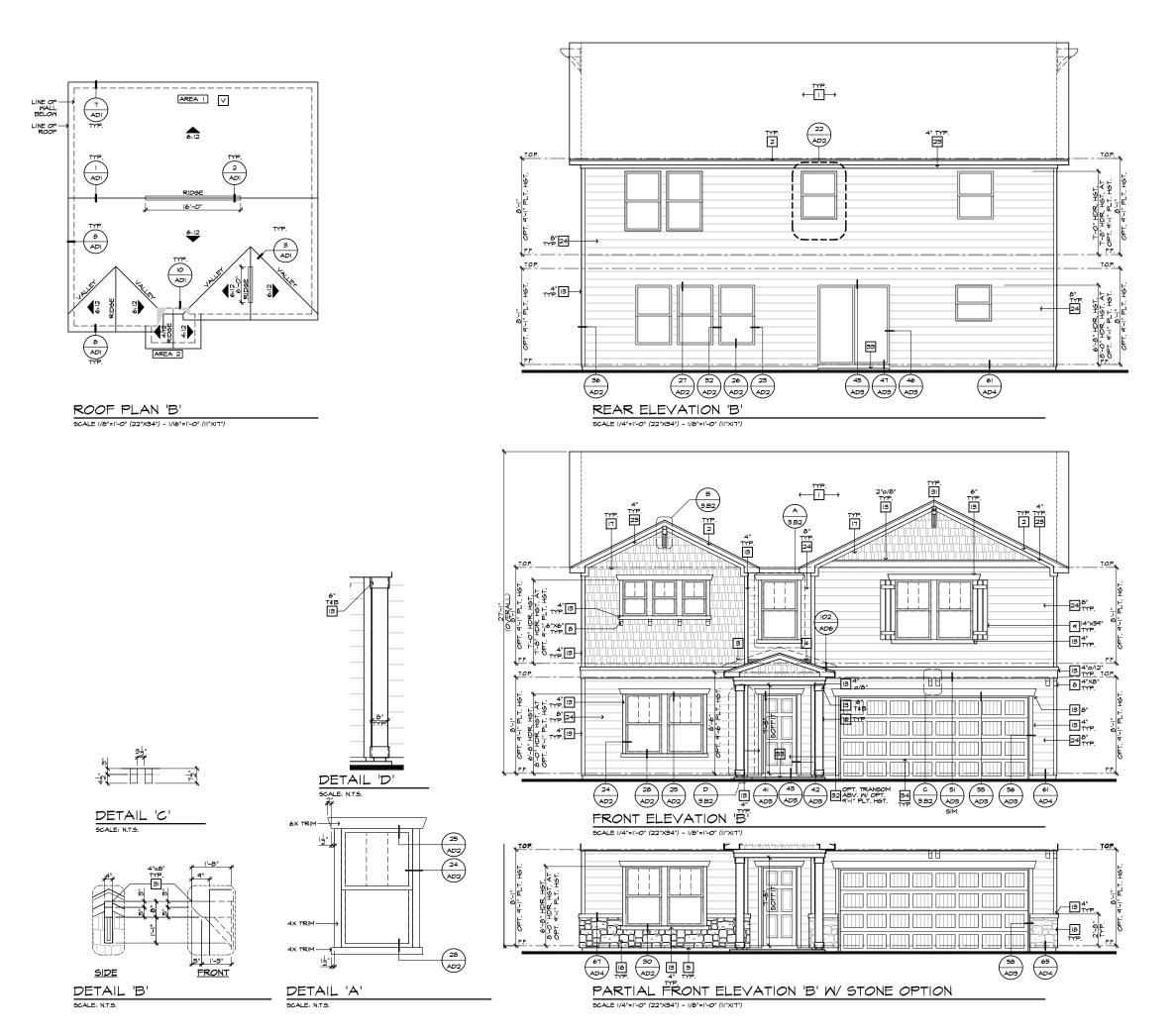


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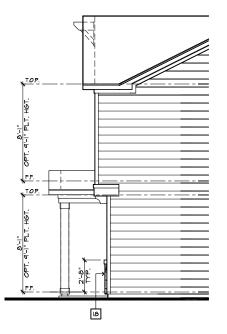
- 28. MATER HEATER B' VENT TO OUTSIDE AIR 29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF 39. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF 39. MIL SHUT-OR BELOW 40. LINE OF FLOOR BELOW 40. LINE OF FLOOR BELOW 40. MIL SBUTTOR SHUTCH AND FOR HEIGHT 51. DOW WALL REFER TO PLAN FOR HEIGHT 52. 246 STUD MALL 54. DEL. 244 WALL PER PLAN 55. INTERIOR SHELF REFER TO PLAN FOR HEIGHT 57. FLAT SOFFIT 58. ARCHED SOFFIT 50. OPT. DOOR / NINGED DECORATIVE COLUMN (SIZE, SEE ELEV.) 61. PTO DOW AND EXERCIMENTS 63. SECTIONAL GARAGE DOOR PTE SPECS 64. ST DIAM. CONCRETE FILLED PIPE SOLLARD 36' HIGH WITH MIN. 2' EMBEDMENT INTO CONCRETE. (NOT REGUIRED AT ELECTRIC WATER HEATERS OR FOR AFPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL 66. PT. FOST NW WARD 70. EGRESS MINDOW 71. MINDOW LEDGE. HEIGHT & MIDTH OF OPENING TO EXTEND 6' BEYOND WINDOWS ON ALL SIDES UND. 72. CONCRETE SLAB. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 51. SITE-BULT COLUMN SEE ELEVATION FOR TYPE 72. CONCRETE SLAB. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 51. FLANS SLOPE I/4' PER FT. MIN. SEE PLAN FOR 51. SITE-BULT COLUMN SEE ELEVATION FOR TYPE 72. CONCRETE SLAB. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 51. SITE-BULK COLUMN SEE ELEVATION FOR TYPE 73. CONCRETE SLAB. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 51. SITE-BULK COLUMN SEE ELEVATION FOR TYPE

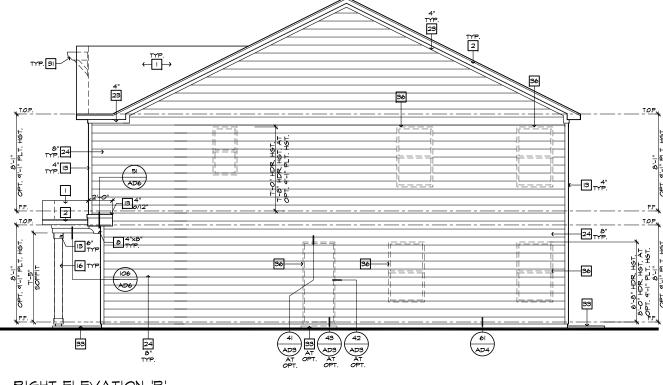


40' SERIES



<b>#</b> ELEVATION NOTES	
NOTE: NOT ALL KEY NOTES APPLY.	
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"×24" CHIMNEY	
7. DECORATIVE VENT	HOME
8. DECORATIVE CORBEL 9. DECORATIVE SHUTTERS	
IO. PEDIMENT. SEE ELEVATION FOR TYPE	∣. <b>└────</b> ┛®.
12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	
<ul><li>I3. TRIM PER SPEC- SEE ELEVATION FOR SIZE</li><li>I4. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)</li></ul>	
<ol> <li>PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.</li> </ol>	
<ol> <li>SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE</li> <li>FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS</li> </ol>	
18. STONE VENEER PER SPECS	
19. BRICK/MASONRY VENEER PER SPECS	
20. BUILT UP BRICK COLUMN 21. SOLDIER COURSE	
22. RONLOCK 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.)	
29. FIBER-CEMENT SMOOTH BOARD SEE SPECS	40' SERIES
30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	KB HOME
31. BRACKET OR KICKER - FYPHON OR EQ. 32. ENTRY DOOR	NORTH CAROLINA DIVISION
33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS	4506 S. MIAMI BLVD.
35. ALUMINUM WRAP	<ul> <li>SUITE 180</li> <li>DURHAM, NC 27703</li> </ul>
36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7980 ■
38. KEYSTONE 34. SOLDIER CROWN	FAX: (919) 544-2928
40. JACK SOLDIER COURSE	
41. WATER TABLE 42. ATRIUM DOOR	
43. PILASTER - SEE ELEVATION FOR TYPE	2018_NORTH
ROOF PLAN NOTES 'B'	CAROLINA STATE
6:12	
ROOF MATERIAL: COMPOSITION SHINGLE	BUILDING
12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O. 12" (INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O.	CODES
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.	
ATTIC VENT CALCULATIONS	
PROVIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% \$ NO MORE THAN 80% OF	
THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)	
AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NCR 806.2) * CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED.	
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	
AREA I / MAIN: VENTILATION REQUIRED:	
ATTIC AREA = 1542 50. FT. / 300 5.14 50. FT. X 144 = 740 50. IN.	ISSUE DATE: 03/24/21 PROJECT No.: 1350999:56
TOTAL HIGH & LOW = 740 50. IN. x 50% = 310 50. IN.	DIVISION MGR.: DS
	REVISIONS: 12/17/21
1107 22 LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 346 SQ. IN. 0 ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.	DIVISION REVISION NC2105ICNP / 08/16/21 / KBA
0 KOOF VENTIS AT 50 50. IN. EA. = 0 50. IN. SUB-TOTAL HIGH VENTILATION: 396 50. IN. LOW	
LOT 50 LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 345 SQ. IN. I ROOF VENT(S) AT 50 SQ. IN. EA. = 50 SQ. IN.	* 2 NC21062CNP / 11/19/21 / KBA
SUB-TOTAL LOW VENTIS AT         50         50.         IN.         EA.         50         50.         IN.           SUB-TOTAL LOW VENTILATION:         395         50.         IN.         395         50.         IN.           TOTAL VENTILATION:         3915         301         IN.         174         194	ADD DECK OPTION NC21056NCP - 12/17/21 - CTD
AREA 2 / PORCH:	_
VENTILATION REQUIRED:           ATTIC AREA = 38         50. FT. / 150         0.25         50. FT.	-
X 144 = 36 50. IN. TOTAL HIGH & LOW = 36 50. IN.	• •
VENTILATION PROVIDED: 6 LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 4I SQ. IN.	-
O         LF RIDGE VENT(S) AT         18         50. IN. EA. =         O 50. IN.           TOTAL VENTILATION PROVIDED;         41         50. IN.         41         50. IN.	-
NOTES: ALL VENT OPENINGS SHALL BE COVERED WITH 1/4" CORROSION	FOR INTERNAL USE ONLY
RESISTANT METAL MESH. FRAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.	REVIEWED BY:
MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS. ALL VENTS SHALL BE INSTALLED SO AS TO MAKE THEM WATER-	2 3
ALL VENTS SHALL BE INSTALLED SO AS TO MAKE THEM WATER- PROOF & MALL MOUNTED LOUVERS SHALL BE SEALED & FLASHED W/ "MOISTOP" IN THE SAME MANNER PRESCRIBED FOR WINDOW INSTALLATION.	4.            5.            6.
PROVIDE APPROVED INSULATION DAMS (BAFFLES) WHERE VENT BLOCKS ARE USED BETWEEN ROOF FRAMING MEMBERS TO PREVENT VENT HOLES FROM BEING BLOCKED BY INSULATION.	PLAN:
PREVENT VENT HOLES FROM BEING BLOCKED BY INSULATION. LOCATE HIGH VENTING MINIMUM B'-O" VERTICAL DISTANCE ABOVE EAVES.	240.2539-R
WHEN GABLE END TRUSS MEMBERS BLOCK GABLE END VENTS, PROVIDE ADEQUATE ADDITIONAL VENTIL ATION BY MEANS OF	SHEET:
ROOF TILE VENTS.	<b>3.B2</b>
	J.D.2
	SPEC. LEVEL 1
	RALEIGH-DURHAM
	40' SERIES

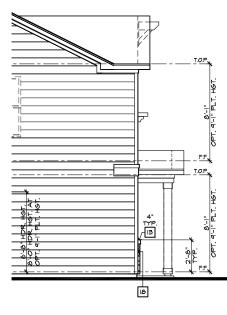




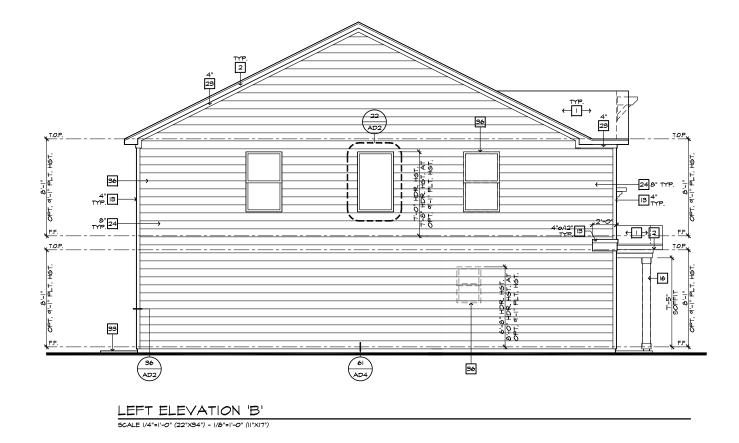
PARTIAL RIGHT ELEVATION 'B' W/ STONE OPTION SCALE |/4"=I'-O" (22"X34") - |/8"=I'-O" (II"XI7")



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







#	ELEVATION NOTES	] •					-
NOT	E. NOT ALL KEY NOTES APPLY.						
١.	ROOF MATERIAL - REFER TO ROOF NOTES	P					
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		N	<b>_</b>	M		
8.	DECORATIVE CORBEL		Δ.				
۹.	DECORATIVE SHUTTERS						
10.	PEDIMENT. SEE ELEVATION FOR TYPE						CD
н.	RECESSED ELEMENT	P -					
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)	1	-	-	-	-	-
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.		8	K		∧.	
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	1		$\checkmark$		$\mathcal{N}$	
17.	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS		4	1 <	Harn	ett 🖌	
18.	STONE VENEER PER SPECS	P	-1//	20	COUN NORTH CAS	A T Y ROLINA	
19.	BRICK/MASONRY VENEER PER SPECS		H		MASTER SET	— n	
20.	BUILT UP BRICK COLUMN	8	۰ł		01/26/2022		
21.	SOLDIER COURSE			X	_	$\mathcal{N}$	
22.	ROWLOCK COURSE	a a	8	Y		× .	8
	FRIEZE BOARD						
24.	FIBER-CEMENT SIDING PER SPECS		_	_	_	_	_
	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE	<b>1</b>					
	PRE-FAB DECORATIVE TRIM	NO	)RT	`Н (	CAR	OLIN	JA .
	LIGHT WEIGHT PRECAST STONE TRIM	8					1
	P.T. LUMBER RAILINGS (+36" U.N.O.)		40	2 S	FR	IES	
	FIBER-CEMENT SMOOTH BOARD SEE SPECS		тν	01		I LD	_
	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.				HOME		
	BRACKET OR KICKER - FYPHON OR EQ.		RTH	CARO	LINA	DIVISI	ON
	ENTRY DOOR	1-					-
	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4	4506	S. M	AIAMI	BLVD.	
	SECTIONAL GARAGE DOOR PER SPECS			SUIT	'E 18	0	8
		1	DUR	HAM,	NC 2	27703	
	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	la 1	FEL:	(919	) 768	3-7980	
	OPTIONAL STANDING SEAM METAL ROOF				( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )		-
	KEYSTONE	'	· AA:	(919	1 044	1-2928	
	SOLDIER CROWN	•	8				8
	JACK SOLDIER COURSE	1					
	WATER TABLE						
	ATRIUM DOOR	1	-				-
43.	PILASTER - SEE ELEVATION FOR TYPE	J	20	18 N	10R	TH	
		•					P
		- CA	RC	)LI	NA	STA1	ΓE
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			R	UIL	.DI	ŊС	
		•	8	8			8

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CODES

PROJECT No.: 1350999:56 DIVISION MGR .:

DIVISION REVISION NC2105ICNP / 08/16/21 / KBA

ATTIC ACESS NC21062CNP / 11/19/21 / KBA

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

FOR INTERNAL USE ONL

PLAN: **240.2539-R** 

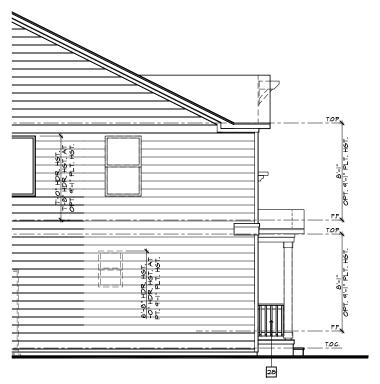
spec. level 1 raleigh-durham 40' SERIES

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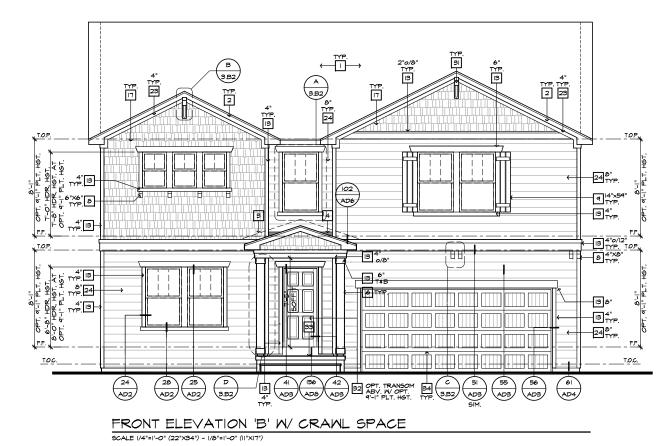
SHEET: 3.**B**3

ISSUE DATE:

REVISIONS:



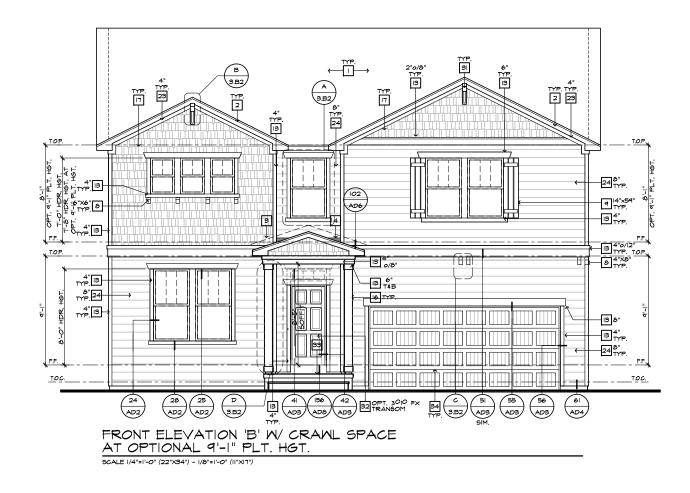
PARTIAL LEFT ELEVATION 'B' AT CRAWL SPACE scale 1/4°#1'-0" (22"X34") - 1/8°#1'-0" (11"X1T")

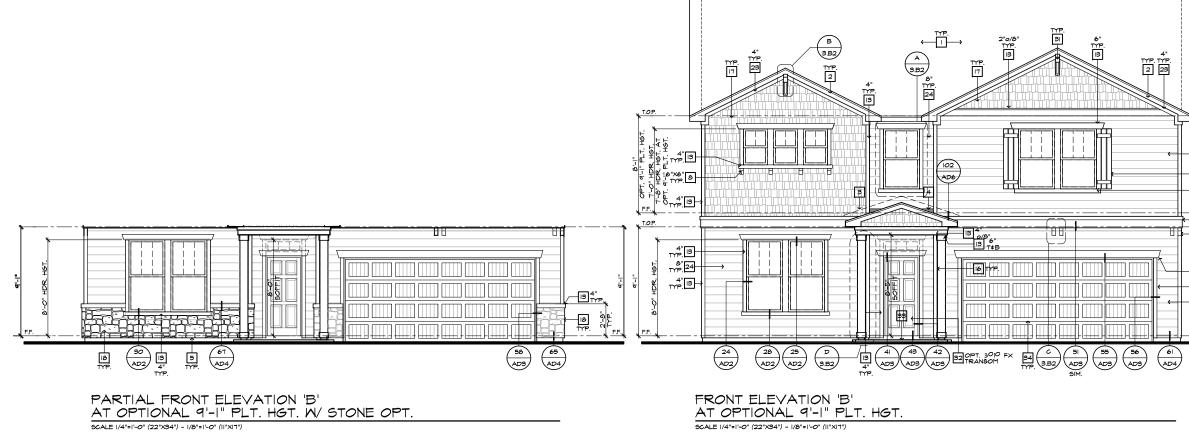


<u>2</u>-32" 1-2" 5-3<u>1</u>" 15 15 54 / <u>3050 5н</u> – 3060 <u>6н</u> – 4Т 9'-1" Р.Г.-[П] НGT. ОРТ. - ] 1'-9<sup>1</sup>/<sub>2</sub>" 2'-4<sup>1</sup>/<sub>2</sub>" 6'-2<sup>1</sup>2" 20'-4<sup>1</sup>2" 3-II-|\_] 284 -27 +36" 51 65 -36 ୍ବ ଡ 29 14 16 16 17 0PT. 47 3'-11 S ₩ 41 92 | 1 1 1 1 HALL CARPET 8'-0" CLG. OPT. 9'-0" CLG. 52 GUARDRAIL REQUIRED W/4 OR MORE RISERS OPT. STOOP CONCRETE 3'x3' PMDR.-FM SEE SPECS. 0°-0°-CLG. 0°-0°-GARAGE 5'-4<sup>1</sup>2" 65 -ġ FMC <del>(6</del>7)→ 16'-2<u>]</u>" ĀT*O*₽T 2468 54 - <u>ENTRY</u> F.M. SEE SPECS 8'-0" CLG. 0PT. 9'-0" CLG DEN/OPT. BDRM 5/OPT. HOME OFFICE CARPET 16070 63 52 52 PORCH conc. e'-0" cl.g. opt. 9'-0" cl.g. fiber cement bd HANDRAIL +7'-5"/+8'-5" +7'-5"/+8'-5" AT OPT. 57 9'-!" PLT. 41 \_\_\_\_ 00 <u>91</u> 1611 τΥΡ.) MASONRY MUST EXTEND 3/4" BEYOND SIDE OF HOUSE NOTES: I. NUMBER OF STAIRS DETERMINED BY - GRADE CONDITION 2. GUARDRAIL REQUIRED W 4 OR MORE RISERS 0°++ ןיין פי TO FINISH INTO 2" 4'-3" 3'-6' 16'-0 R.O. 1-2 \<u>2"</u> 7'-4 19'-8" 13'-0' 40'-0"

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

	#	ELEVATION NOTES	•••••
		<u>E.</u> NOT ALL KEY NOTES APPLY.	
	п.	RECESSED ELEMENT	p
	15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
			Harnett
			2.4 NORTH CARDUINA
24. FIEBER-COMPUT SUINO PER SPECIA 24. FIEBER-COMPUT SUINO PER SPECIAL 24. FIEBER-COMPUT REMARK STORE TRUN 25. PT. HOST WAREN - SEE SUICEAL 24. FIEBER-COMPUT REMARK STORE TRUN 25. PT. HOST WAREN - SEE SUILOU 24. FIEBER-COMPUT SUPCONT TRUN - PTPON OR EG. SEE 25. OKTAGET SUCCEANTLY REMOVED AND FEE SPECIA 25. CONCERTS SUBCOMPORT SEE SUILOU REMARK 26. CONCERTS CONN 26. CONCERTS CONN 26. CONCERTS FOR THE TO FLAN OFTICE 27. TATUE TRUNC CONTROL 20. CONCERTS TO CONTROL AND THE CONTROL 20. CONCERTS TO FLAN FOR TO EXALL PROFILE 20. CONCERTS TO FLAN FOR THE TO FLAN FOR TO EXALL PROFILE 20. CONCERTS TO FLAN FOR THE TO FLAN FOR THE FLAN 20. CONCERTS TO FLAN FOR TO EXALL PROFILE 20. CONCERTS TO FLAN FOR THE TO FLAN FOR THE FLAN FOR 20. CONCERTS TO FLAN FOR TO FLAN FOR TO EXALL PROFILE 20. CONCERTS TO FLAN FOR TO FLAN FOR TO EXALL PROFILE 20. CONCERTS TO FLAN FOR TO FLAN FOR TO EXALL PROFILE 20. CONCERTS TO FLAN FOR TO FLAN FOR TO EXALL PROFILE 20. CONCERTS TO FLAN FOR TO FLAN FOR TO EXALL PROFILE 20. CONCERTS TO FLAN FOR THE FLAN FOR TO FLAN FOR THE FLAN FOR FOR THE FLAN FOR THE FLAN FOR TH			
22. PT. POST NV PRAF - SEE DIRUCTIKAL FOR SUZE 23. PT. FLORENCE TO RELEGATIVE TIME 24. PT. LINERGENATIVE TIME 25. DIRUCTIKAL SECOND HEARD SEE DIRUCTIKAL FOR SUZE 26. PT. LINERGENATIVE TIME - THTON OR ED. SEE 38. CONCRETE STOOP FORCH - SEE SLA INTERFACE FLANE 39. DIRUCTIKAL SARAGE DOOR FIRE SPECE 39. CONCRETE STOOP FORCH - SEE SLA INTERFACE FLANE 39. CONCRETE STOOP FORCH - SEE SLA INTERFACE FLANE 39. CONCRETE STOOP FORCH - SEE SLA INTERFACE FLANE 39. CONCRETE STOOP FORCH - SEE SLA INTERFACE FLANE 39. CONCRETE STOOP FORCH - SEE SLA INTERFACE FLANE 30. CONCRETE CONCRET 30. CONCRETE STOOP FORCH - SEE SLA INTERFACE FLANE 30. CONCRETE CONCRET 30. CONCRETE CONCRETE CONCRETE 30. CONCRETE CONCRETE 30. CONCRETE CONCRETE CONCRETE CONCRETE 30. CONCRETE CONCRETE CONCRETE 30. CONCRETE CONCRETE CONCRETE			
10 JUNIC PERSON INCOMPANY OF A MUNICIPAL SPEED STORE SPEED S			NODTH CADOLIN
	27.	LIGHT WEIGHT PRECAST STONE TRIM	
			40' SERIES
BLEVATION FOR SIZE. BLEVATION FOR SIZE. BLEVATIO			•
		ELEVATION FOR SIZE.	
BS. CONCRETE STOOP PORCH - SEE SLAP INTERFACE PLAN. 4. SECTORAL SEARCE DOOR PERSPECS BS. ALMINN MERAP BS. OPTIGAL STADIOS SEAN METAL ROOF BS. COTTORAL STADIOS SEAN BS. COTTORAL STADIOS SEAN METAL ROOF BS. COTTOR SEAN SECOND SECONDAL PORT SEAN BS. COTTOR STADIOS SEAN SECOND SECONDAL PORT SEAN SEAN SEAN BS. COTTOR SEAN SECOND SECONDAL PORT SEAN SEAN SEAN SEAN SEAN SEAN SEAN SEAN			NONTH CAROLINA DIVISIO
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41. MATER TABLE 42. ATRIM DORR 43. PLAATER TABLE 43. ATRIM DORR 43. PLAATER TABLE 43. ATRIM DORR 43. PLAATER TABLE PLAATEON FOR TYPE TARTIAL BET AND TABLE PLAATEON FOR TYPE 21. DATA TO THE STUTCT VALVE AND TEMP. 4 PRESSURE RELIEF 31. MEED 32. MANUAL PELCON 41. LINE OF FLOOR SUBJECT. AND TEMP. 4 PRESSURE RELIEF 32. MANUAL PELCON 41. LINE OF FLOOR SUBJECT. AND TEMP. 4 PRESSURE RELIEF 33. MALE OF MALE PLAATER TO DETAIL SHEETS) 30. AND TABLE TO DEAN FOR HEIGHT 35. MACHED SCHTT 36. MACHED SCHTT 37. MACHADARA SCHTT 37. MACHADARA SCHTT 37. MACHADA			
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PAITOR TO BASIC ELEVATIONS FOR INFORMATION NOT     STEEL			
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B3: 120 KM-LI REFER TO PLAN FOR HEIGHT         B1: LOW MALL REFER TO PLAN FOR HEIGHT         B2: DOW MALL POR FLAN         B3: NITEROR SHELF - REFER TO PLAN FOR HEIGHT         B3: ASC PHELF - REFER TO PLAN FOR HEIGHT         B1: NITEROR SHELF - REFER TO PLAN FOR HEIGHT         B1: ARCHORN         B1: NITEROR SHELF - REFER TO PLAN FOR HEIGHT         B2: SECTION LARACE LOOK FER PROFIL         MICTEL         B2: SECTION LARACE LOOK FER PROFIL         B2: SECTION LINE SECTION LEADER SECTION LOOK FER PROFIL         B2: SECTION LINE SECTION LEADER SECTION LINE SECTION LINE SECTION LINE SECTION LEADER SECTION	29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	DUILDING
B3: 120 KM-LI REFER TO PLAN FOR HEIGHT         B1: LOW MALL REFER TO PLAN FOR HEIGHT         B2: DOW MALL POR FLAN         B3: NITEROR SHELF - REFER TO PLAN FOR HEIGHT         B3: ASC PHELF - REFER TO PLAN FOR HEIGHT         B1: NITEROR SHELF - REFER TO PLAN FOR HEIGHT         B1: ARCHORN         B1: NITEROR SHELF - REFER TO PLAN FOR HEIGHT         B2: SECTION LARACE LOOK FER PROFIL         MICTEL         B2: SECTION LARACE LOOK FER PROFIL         B2: SECTION LINE SECTION LEADER SECTION LOOK FER PROFIL         B2: SECTION LINE SECTION LEADER SECTION LINE SECTION LINE SECTION LINE SECTION LEADER SECTION	39. 41	LINE OF WALL BELOW LINE OF FLOOR ABOVE	
B. LOW MALL - REFER TO PLAN FOR HEIGHT         S. DEL STUTALL         S. DEL STUTAL         S. DE STUTAL	42. 40.	LINE OF FLOOR BELOW MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) MIC BAD LOCATION	
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FI. FLAT SOFFIT CO. ACCED DYNINDON         FOR MORE DYNINDON         SECTIONAL GARGE DOOR PER SPECCA APPLIANCES LOCATED OUT OF THE VEHICLES NORMAL TRAVEL PATH, NOT RECIRCUAL CARE THATERS OF FOR APPLIANCES LOCATED OUT OF THE VEHICLES NORMAL TRAVEL PATH, NOT RECIRCUAL DESE. HELEVATION FOR TYPE TI. SURGED AT LECTRIC WATER HATTERS OF EXTEND 6" BETTOD WINDOWS) ON ALL SIDES UNO. 5077         TI. SURGED AT LECTRIC WATER THATEON FOR TYPE TI. SURGED AT LECTRIC WATER THATEON FOR TYPE TI. SURGED AT LECTRIC WATER THATEON FOR TYPE TI. SURGED AT LECTRIC WATER THAT WIND SEE PLAN FOR SURGE SURGED AT LECTRIC WATER THATEON FOR TYPE TI. SURGED AT LECTRIC WATER THATEON FOR THE SURGE THATEON FOR THE SURGE THATEON FOR THE SURGE AT THE SURGE	54.	DBL. 2x4 WALL PER PLAN	
60. OFT. DOOR INIDOM       COUNT COURT. DOOR         61. PRE-MAUREATIRED DECORATIVE COUNT (SIZE, SEE ELEV)         62. OFT. DOOR IS, SURPORTATION FRUCTURAL POST.         63. SECTIONAL GARAGE DOOR FRUSTRATIONS         63. SECTIONAL GARAGE DOOR FRUSTRATIONS COURTER PROFIL         63. SECTIONAL GARAGE DOOR FRUSTRATIONS COURTER SORMAL         MIN, 27 EMELDMENT INTO CONCERTE SURPRIAL         MOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR         NOT RECOMPT OUT OF THE VEHICLES NORMAL         MIN CONCERT FULLED OUT OF THE VEHICLES NORMAL         MIN CONCENT OUT OF THE VEHICLES NORMAL         68. PT FOST WIRAPR,         70. CORDITIONAL EDGE. HEIGHT & MIDTH OF OPENING TO EXTEND 6'         BEYOND MINDONS) OUT ALL SIDE DUO.         71. DOUBCT TO LARS, SEE ELEVATIONS TO EXTEND 6'         SIZE         72. ORDERT SUBJECT         73. ADD DECK OFTING UNDON THE VEHICLES NORMATION NOT         74. NOODSHOW / UNDONS) OUT ALL SIDE DUO.         75. ORDERT SUBJECT         76. DEAGLE ELEVATIONS FOR INFORMATION NOT         77. DEAGLE ELEVATIONS FOR INFORMATION NOT         78. REPERT         79. DEAGLE ELEVATIONS FOR INFORMATION NOT	57.	FLAT SOFFIT	
BICK, TO BASIC ELEVATIONS FOR INFORMATION NOT     SPEC. LEVEL 1     SPEC. LEVEL     SPEC. LEVEL	60.	OPT. DOOR/ WINDOW PRE-MANUEACTURED DECORATIVE COLUMN (SIZE SEE ELEV.)	
62. SECTIONAL GARAGE DOOR PER SPECS         63. SECTIONAL GARAGE DOOR PER SPECS         63. SECTIONAL GARAGE DOOR PER SPECS         65. SECTIONAL GARAGE LOCATED OUT OF THE VEHICLES NORMAL TRAVEL PARH.         70. EXCRETE SLAP.         71. CORRETE SLAP. SLOPE I/4" PER FT. MIN. SEE PLAN FOR SUTE         72. CORRETE SLAP. SLOPE I/4" PER FT. MIN. SEE PLAN FOR         73. CORRETE SLAP. SLOPE I/4" PER FT. MIN. SEE PLAN FOR         74. CORRETE SLAP. SLOPE I/4" PER FT. MIN. SEE PLAN FOR         75. CORRETE SLAP. SLOPE I/4" PER FT. MIN. SEE PLAN FOR         76. DIVENSIN REVISIONS         77. CORRETE SLAP. SLOPE I/4" PER FT. MIN. SEE PLAN FOR         76. DIVENSIN REVISIONS         77. CORRETE SLAP. SLOPE I/4" PER FT. MIN. SEE PLAN FOR         76. DIVENSIN REVISIONS         77. CORRETE SLAP. SLOPE I/4" PER FT. MIN. SEE PLAN FOR         76. DIVENSIN REVISION         77. CORRETE SLAP. SLOPE I/4" PER FT. MIN. SEE PLAN FOR         76. DIVENSIN REVISIONS         77. CORRETE SLAP. SLOPE I/4" PER FT. MIN. SEE PLAN FOR         76. DIVENSIN REVISIONS         77. CORRETER SLAP. SLOPE I/4" PER FT. MIN. SEE PLAN FOR         76. DIVENSIN REVISIONS         77. DIVENSIN REVISIONS         77. DIVENSIN REVISIONS         78. DIVENSIN REVISIONS         78. DIVENSIN REVISIONS         78. DIVENSING	67	FYPON OR EQ. SURROUNDING STRUCTURAL POST.	
TRAVEL PATH,     TRAVELY	63.	SECTIONAL GARAGE DOOR PER SPECS	
TRAVEL PATH,     TRAVELY	00.	MIN. 12" EMBEDMENT INTO CONCRETE.	
66. P.T. POST W/ NRAP.       ISSUE DATE:       03/24/21         15. EXPRESSING OF LEDGE HEIGHT & HIDTH OF OPENING TO EXTEND 6*       PROJECT NO::       1350999:56         16. EXTERENT CONVOLUTION OF ALL SUPER UNCONFITME       DIVISION MGR.:       DS         17. CONVERTE SLAB. SLOPE 1/4* PER FT. MIN. SEE PLAN FOR       INCLOSENTY / UN9/21 / KBA         16. DIVISION SCIENCE       12/17/21         17. SIZE       INTERNAL USE OF / UN9/21 / KBA         18. DIVISION SCIENCE       11/19/21 / KBA         19. ADD DECK OPTION       NCLOSENTY / UN9/21 / KBA         11. SUBE DATE:       11/19/21 / KBA         12. INTERNAL USE OF INFORMATION NOT       11/19/21 / KBA         13. B4       3. B4         14. EXTERNAL USE OF INFORMATION NOT       SPEC. LEVEL 1         RALEIGH-DURHAN       SPEC. LEVEL 1		APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL	
TS. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES UNO. TS. STE-BULT COLUMN - SEE ELEVATION FOR TYPE SUZE STE-BULT COLUMN - SEE ELEVATION FOR TYPE SUZE TO DIVISION MER: DS REVISIONS: 12/17/21 DIVISION REVIEWOULD KEVENON ACCOUNT REVIEWOULD KEVENON ACCOUNT AND ALL SIDE U/4" PER FT. MIN. SEE PLAN FOR MCCOUNT REVIEWOULD KEVENON ACCOUNT REVIEWOULD KEVENON ACCOUNT REVIEWOULD KEVENON ACCOUNT AND DECK OPTION ACCOUNT AND ALL SIDE ONLY REVIEWED BUT ACCOUNT AND ALL SIDE ONLY REVIEWED BUT ACCOUNT AND ALL SIDE ONLY ACCOUNT AND ALL SIDE ONLY	68.	P.T. POST W/ WRAP.	ISSUE DATE: 03/24/21
SJZE REVISIONS: 12/17/21	75	WINDOW LEDGE HEIGHT & WIDTH OF OPENING TO EXTEND 6"	PROJECT No.: 1350999:56
SJZE REVISIONS: 12/17/21	76. 77	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SILAB SLOPE 1/4" PER ET MINI CEE DI AN ECO	
	11.	SIZE.	REVISIONS: 12/17/21
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PLAN: 240.2539-R SHEET: 3.B4 SPEC. LEVEL 1 RALEIGH-DURHAN			
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	NOT REF.	EI ER TO BASIC ELOOR PLAN FOR INFORMATION NOT	40' SERIES





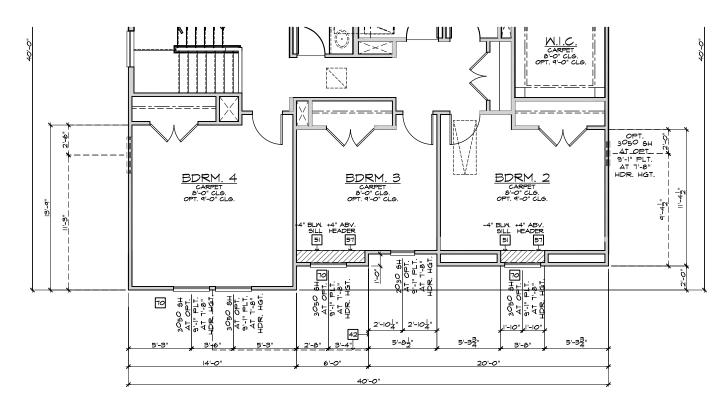
#	ELEVATION NOTES	<b>"</b>	
NOT	TE: NOT ALL KEY NOTES APPLY.	1	
١.	ROOF MATERIAL - REFER TO ROOF NOTES		
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP		
З.	G.I. FLASHING		
4.	G.I. FLASHING & SADDLE/CRICKET	<sup>-</sup>	
5.	G.I. DRIP SCREED		
6.	24"x24" CHIMNEY	8	
7.	DECORATIVE VENT		
8.	DECORATIVE CORBEL		
9.	DECORATIVE SHUTTERS	<b>-</b>	
10.	PEDIMENT. SEE ELEVATION FOR TYPE		
п.	RECESSED ELEMENT	8	
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.		8
6.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE		
17.	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS		
18.	STONE VENEER PER SPECS	<b>P</b>	=/
19.	BRICK/MASONRY VENEER PER SPECS		t
			\
	BUILT UP BRICK COLUMN	<sup>-</sup>	-
	SOLDIER COURSE		
	ROWLOCK COURSE	P	
	FRIEZE BOARD		
	FIBER-CEMENT SIDING PER SPECS		-
	P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE	ΙΞ.	
	PRE-FAB DECORATIVE TRIM	I N	<b>IOR</b>
	LIGHT WEIGHT PRECAST STONE TRIM	ē	
	P.T. LUMBER RAILINGS (+36" U.N.O.)		- 41
	FIBER-CEMENT SMOOTH BOARD SEE SPECS	I _	
	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.		
31.	BRACKET OR KICKER - FYPHON OR EQ.	_N	IORTH
32.	ENTRY DOOR	<b>^</b>	
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.		450
34.	SECTIONAL GARAGE DOOR PER SPECS	8	
35.	ALUMINUM WRAP		DU
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS		
37.	OPTIONAL STANDING SEAM METAL ROOF	8	TEL
38.	KEYSTONE		FAX
39.	SOLDIER CROWN		8
40.	JACK SOLDIER COURSE	Ľ	
41.	WATER TABLE		
42.	ATRIUM DOOR	8	8
43.	PILASTER - SEE ELEVATION FOR TYPE		2
	9-1" PLATE OPTION		_ Ľ
07		1	Ā
NINE	E: DOW SIZES WILL INCREASE BY I' AT 9'-I" PLATE OPTIONS.	1 4	/AK
	DER HEIGHTS FOR ALL WINDOWS WILL BE		P

HEADER HEIGHTS FOR ALL WINDOWS WILL BE 7'-8" AT 9'-1" PLATE OPTIONS.



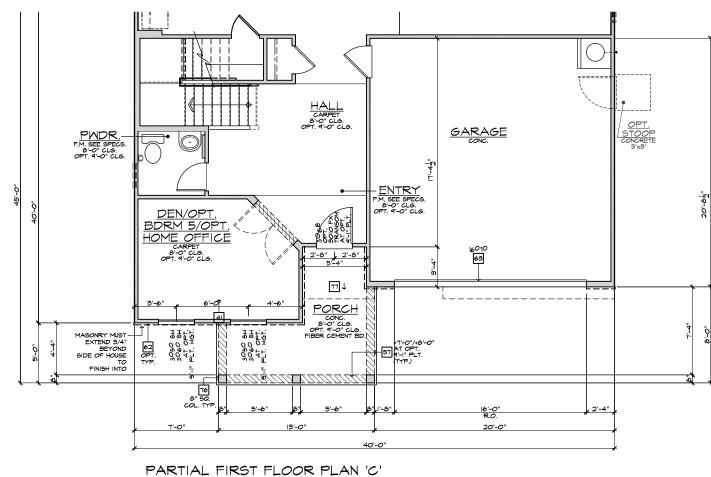
**kb** HOME 8 8 MASTER SET **RTH CAROLINA 0' SERIES** KB HOME CAROLINA DIVISION 06 S. MIAMI BLVD. SUITE 180 RHAM, NC 27703 (919) 768-7980 (919) 544-2928 . . . . . . 018 NORTH **COLINA STATE** BUILDING CODES ISSUE DATE: 03/24/21 PROJECT No.: 1350999:56 DIVISION MGR.: DS 12/17/21 📱 REVISIONS: DIVISION REVISION NC2105ICNP / 08/16/21 / KBA B 2 ATTIC ACESS NC21062CNP / 11/19/21 / KBA ADD DECK OPTION NC21056NCP · 12/17/21 · CTD FOR INTERNAL USE ONLY PLAN: 240.2539-R SHEET: 3.**B**5 SPEC. LEVEL 1 . . . raleigh-durham 40' SERIES

. . .



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

BASIC PLAN

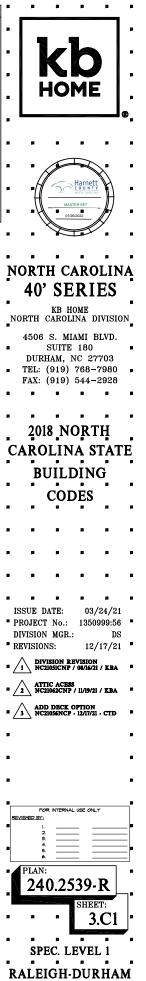


SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

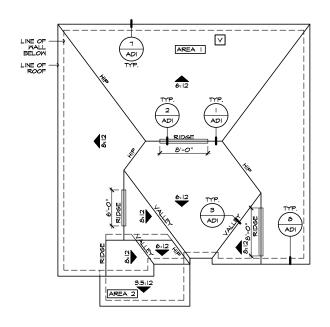


#

- 26. MATER HEATER E VENI 10 CUISILE AIR
  27. MAIN, UNE SHUT-OFF VALVE AND TEMP. 4 PRESSURE RELIEF
  39. JANE OF FLOOR BELOW
  41. LINE OF FLOOR BELOW
  42. LINE OF FLOOR SELOW
  43. MINE SUPPORT OF VALVE AND TEMP. 4 PRESSURE RELIEF
  44. LINE OF FLOOR SELOW
  45. MINE SUPPORT OF VALVE AND TEMP. 4 PRESSURE TO DETAIL SHEETS)
  58. MINE SUPPORT OF VALVE AND FOR HEIGHT
  51. DOW WALL REFER TO PLAN FOR HEIGHT
  52. X4 WALL PER PLAN
  51. INTERCOS SHELF REFER TO PLAN FOR HEIGHT
  53. INTERCOS SHELF REFER TO PLAN FOR HEIGHT
  54. RACKED SOFTIT
  56. ARCHED SOFTIT
  56. SECTIONAL GARAGE DOOR FIRE SPECS
  66. S° DIAM, CONCRETE FILLED PIPE SPECS
  66. S° TIAM, CONCRETE FILLED PIPE SPECS
  66. S° TIAM, CONCRETE FILLED PIPE SPECS
  66. S° TIAM, CONCRETE FILLED RIFE SPECS
  67. SEGS MINDOW
  70. EGRESS MINDOW
  71. MINDOW LEDGE. HEIGHT 4 MIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS ON ALL SIDES UNO.
  74. SITE-BULK COLUMN SEE ELEVATION FOR TYPE
  74. CONCRETE SLAB, SLOPE 1/4" PER FT. MIN. SEE PLAN FOR
  51. SEE TABLE SLOPE 1/4" PER FT. MIN. SEE PLAN FOR

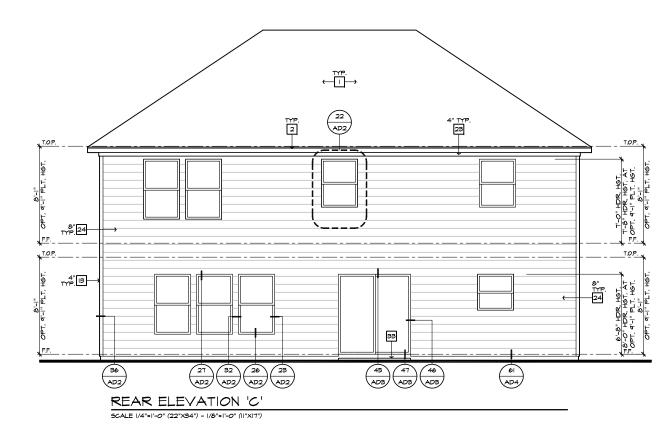


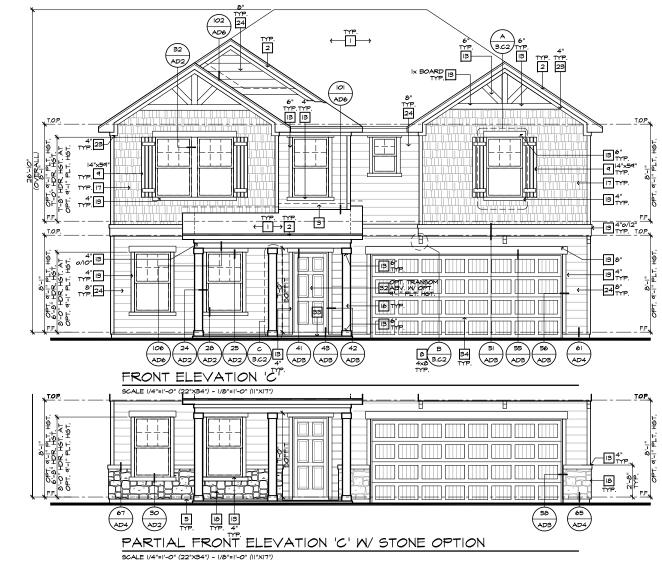
40' SERIES

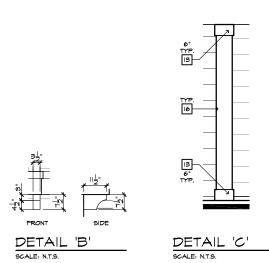


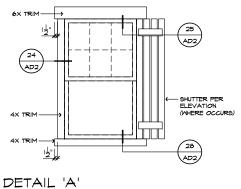
ROOF PLAN 'C'

SCALE |/8"=|'-0" (22"X34") - |/16"=|'-0" (||"X|7")

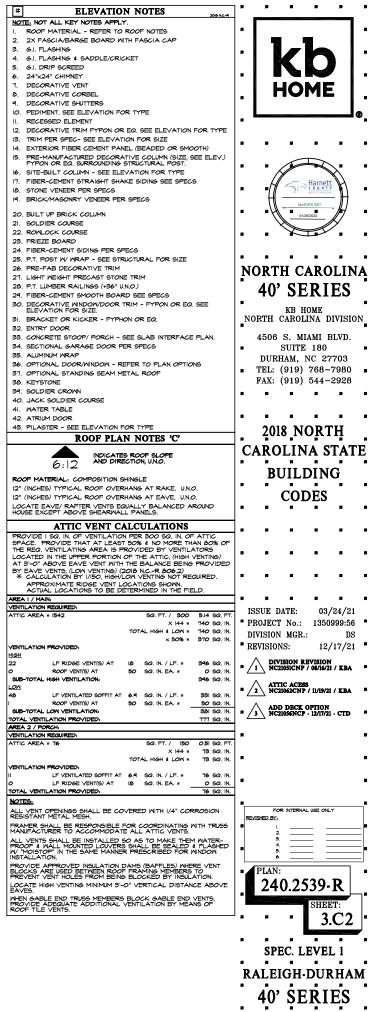


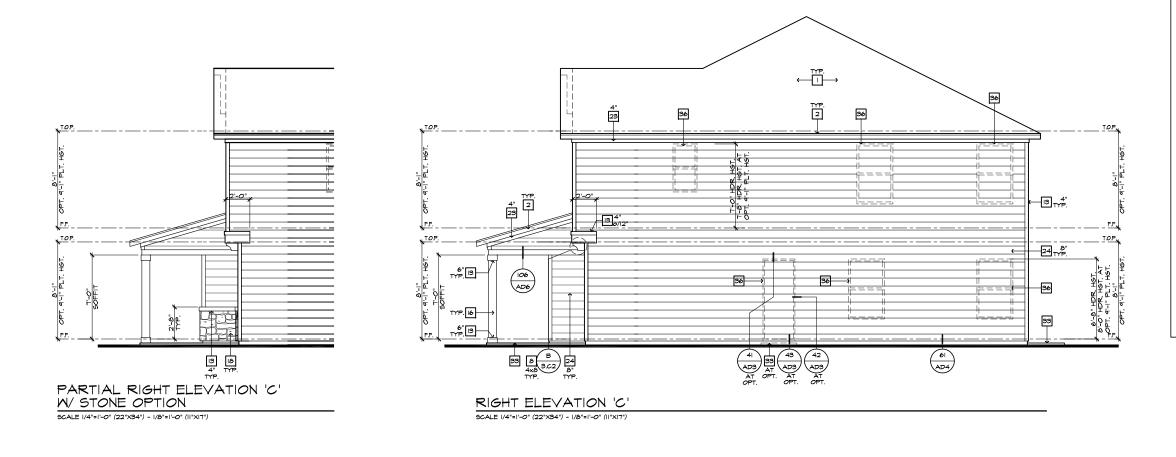


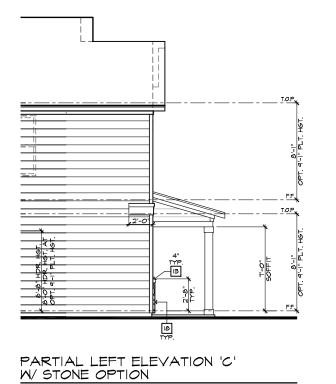




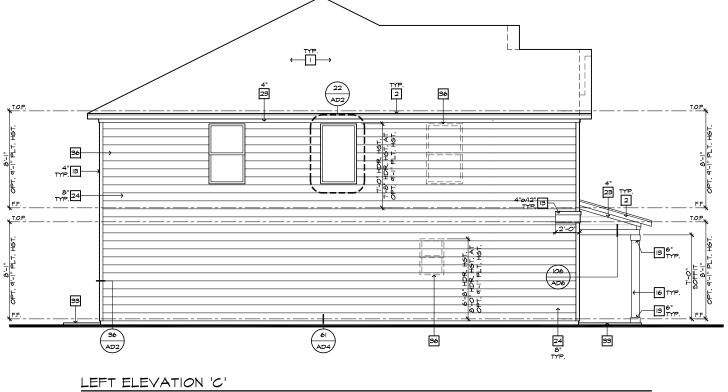
SCALE: N.T.S.







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



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

#	ELEVATION NOTES	] •	8	8	•	•	
NOT	E. NOT ALL KEY NOTES APPLY.						
١.	ROOF MATERIAL - REFER TO ROOF NOTES	8					8
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP				$\sim$		
З.	G.I. FLASHING						
4.	G.I. FLASHING & SADDLE/CRICKET	-					-
5.	G.I. DRIP SCREED						
6.	24"x24" CHIMNEY	8					8
٦.	DECORATIVE VENT		N.	HO			
8.	DECORATIVE CORBEL		N			5	
٩.	DECORATIVE SHUTTERS	-					
10.	PEDIMENT. SEE ELEVATION FOR TYPE	L					®
н.	RECESSED ELEMENT						<b>7</b> p
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.		ß	F			p
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE					$\sim$	
17.	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS		4	1~	Harne	tt 🖌	
18.	STONE VENEER PER SPECS	P	-1//	20	NORTH CARDL	JNA .	pa -
19.	BRICK/MASONRY VENEER PER SPECS		Щ	MA	STER SET	_Π	
20.	BUILT UP BRICK COLUMN		۲"	N • 01	26/2022	17	
21.	SOLDIER COURSE		``	$\mathcal{N}_{-}$		N	
22.	ROWLOCK COURSE	<b>P</b>	8	XE	II	<b>_</b>	p
23.	FRIEZE BOARD						
24.	FIBER-CEMENT SIDING PER SPECS						
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE		8			8	8
26.	PRE-FAB DECORATIVE TRIM	NO	RT	Ъ Н	ARC	DLIN	JA
27.	LIGHT WEIGHT PRECAST STONE TRIM						121
	P.T. LUMBER RAILINGS (+36" U.N.O.)		<b>4</b> 🏠	' SE	7 <b>R</b> I	FC.	
	FIBER-CEMENT SMOOTH BOARD SEE SPECS	'	тν	DI	1/1/1		
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	P		KB H			
	BRACKET OR KICKER - FYPHON OR EQ.	NOF	₹ТН	CAROI	JNA	DIVISIO	)N_
32.	ENTRY DOOR	<b>1</b>					-
	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4	1506	S. M	IAMI	BLVD.	
	SECTIONAL GARAGE DOOR PER SPECS	8		SUITE	180 1		
	ALUMINUM WRAP		DUR	HAM,	NC 2	7703	
	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS			(919)			
	OPTIONAL STANDING SEAM METAL ROOF						
	KEYSTONE	r	AA:	(919)	544-	-2920	
	SOLDIER CROWN	P	8	8	8	8	8
	JACK SOLDIER COURSE						
	WATER TABLE						
	ATRIUM DOOR	-					
43.	PILASTER - SEE ELEVATION FOR TYPE	l	20	18_N	OR'	ГН	
		8	-	-	-	-	8
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03/24/21

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CODES

PROJECT No.: 1350999:56 DIVISION MGR.:

DIVISION REVISION NC2105ICNP / 08/16/21 / KBA ATTIC ACESS NC21062CNP / 11/19/21 / KBA

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

FOR INTERNAL USE ONL

PLAN: 240.2539-R

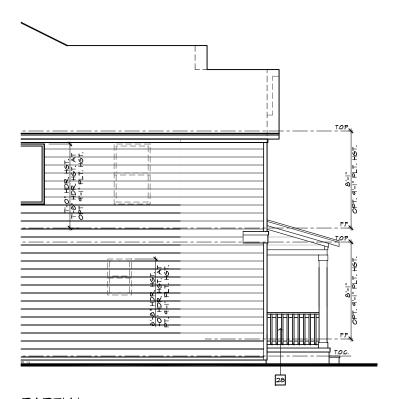
spec. level 1 raleigh-durham 40' SERIES

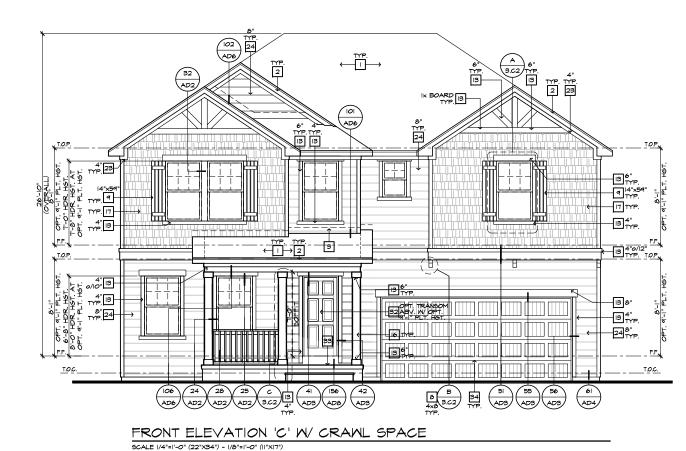
SHEET:

3.C3

ISSUE DATE:

REVISIONS:

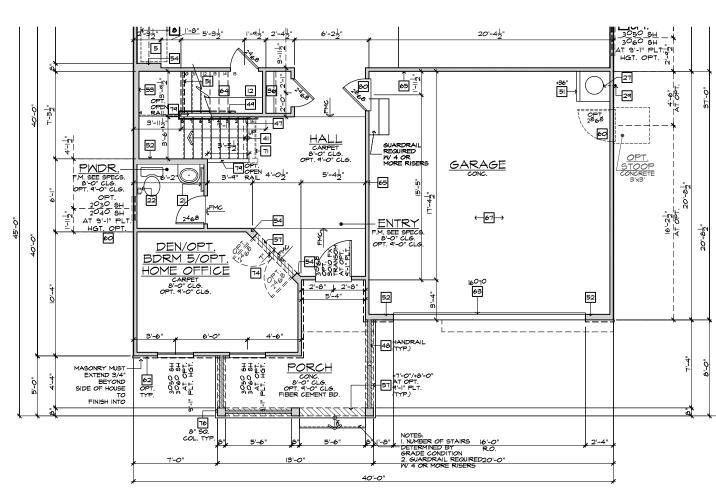




 PARTIAL

 LEFT ELEVATION 'C' AT CRAWL SPACE

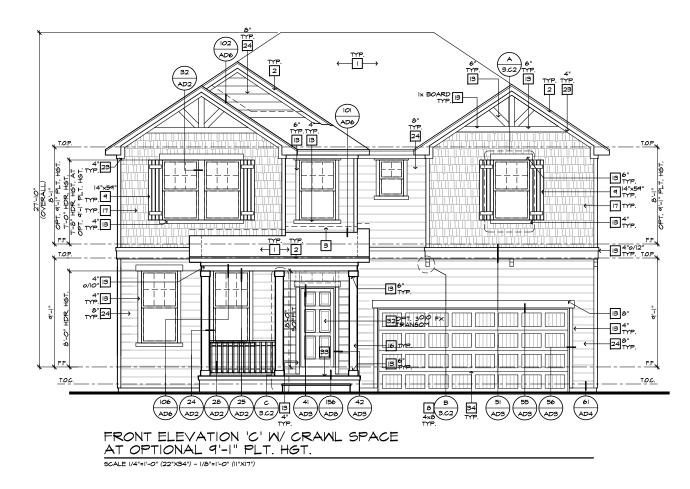
 SCALE 1/4\*e1'-0\* (22\*X84') - 1/8\*e1'-0\* (11\*X17')

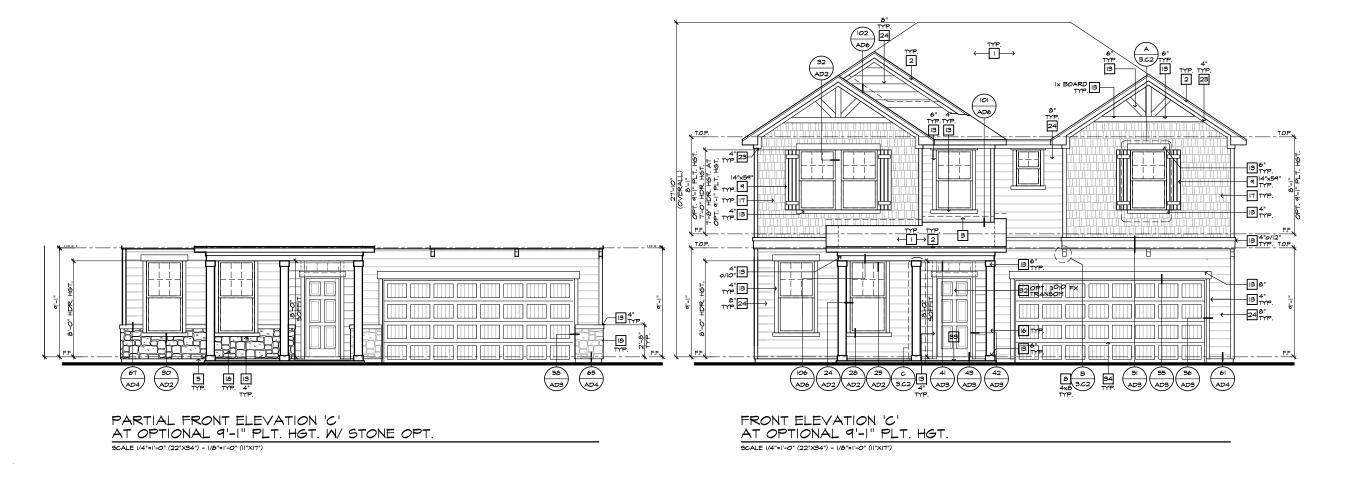


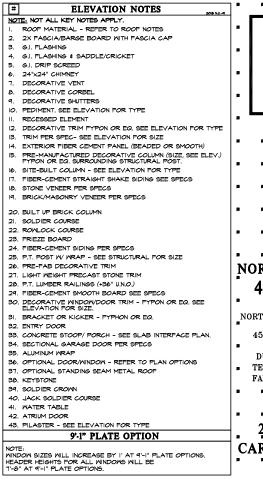
PARTIAL FIRST FLOOR PLAN 'C' AT CRAWL SPACE

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

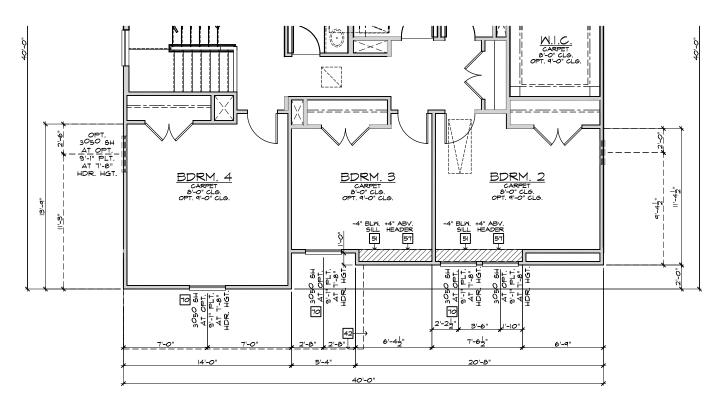
	ELEVATION NOTES	
	E. NOT ALL KEY NOTES APPLY.	8
	ROOF MATERIAL - REFER TO ROOF NOTES 2X FASCIA/BARGE BOARD WITH FASCIA CAP	
	G.I. FLASHING	
	G.I. FLASHING & SADDLE/CRICKET	
5.	G.I. DRIP SCREED	
6. :	24"x24" CHIMNEY	
	DECORATIVE VENT	
	DECORATIVE SHUTTERS PEDIMENT. SEE ELEVATION FOR TYPE	
	RECESSED ELEMENT	
	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	
13.	TRIM PER SPEC- SEE ELEVATION FOR SIZE	
14. 1	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	
17. 1	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS	
	STONE VENEER PER SPECS	COUNTY NORTH CARDELINA
19. 1	BRICK/MASONRY VENEER PER SPECS	MASTER SET
20.	BUILT UP BRICK COLUMN	
21. 1	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 CAROLIN
	P.T. LUMBER RAILINGS (+36" U.N.O.)	40' SERIES
	FIBER-CEMENT SMOOTH BOARD SEE SPECS	HU SEKIES
30.	DECORATIVE WINDOWDOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	KB HOME
	ELEVATION FOR SIZE. BRACKET OR KICKER - FYPHON OR EQ.	NORTH CAROLINA DIVISIO
	BRACKET OR NICKER - FIFHON OR EQ. ENTRY DOOR	
	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4506 S. MIAMI BLVD.
34. :	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 KEYSTONE	FAX: (919) 544-2928
	KEYSTONE SOLDIER CROWN	
	JACK SOLDIER COURSE	
	WATER TABLE	
42.	ATRIUM DOOR	
43. 1	PILASTER - SEE ELEVATION FOR TYPE	2018_NORTH
#	PARTIAL PLAN NOTES	
NOT	E NOT ALL KEY NOTES APPLY.	CAROLINA STAT
21.	MATER HEATER LOCATION FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & WATER HEATER 'D' VERTALS) WATER HEATER 'D' VENT TO CUTSIDE AIR MAITE INTER' B' VENT TO CUTSIDE AIR MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE.	8 8 8 8 8
28.	WATER HEATER B VENT TO OUTSIDE AIR	BUILDING
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE	DOILDING
39.   41.	LÍNË ÔF MALL BELOM Line of Floor Above Line of Floor Belom	CODES
42. 48. 50.	LINE OF FLOOR BELOW MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) A/C PAD LOCATION	CODES
5	LOW WALL - REFER TO PLAN FOR HEIGHT	
52. 54.	2x6 STUD WALL DBL. 2x4 WALL PER PLAN	
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT	
57.   58.	FLAT SOFFIT ARCHED SOFFIT	
60.	OPT. DOOR/ WINDOW PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
-	FYPON OR EQ. SURROUNDING STRUCTURAL POST.	
63.	SECTIONAL GARAGE DOOR PER SPECS	
66.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN, 12" EMBEDMENT INTO CONCRETE.	
	ARCHED SOFFIT OFT. DOOR'NINTOM PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EG. SURROUNDING STRUCTURAL POST. BRICK / STONE VENEER - REFER TO ELEVATIONS SECTIONAL GRAVAE DOOR PER SPECS 3° DIAM. CONCRETE FILLED PIPE BOLLARD 36° HIGH WITH MIN. 12° ENBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED DUT OF THE VEHICLE'S NORMAL	
	TRAVEL PATH).	
70	P.T. POST W/ WRAP. EGRESS WINDOW	ISSUE DATE: 03/24/21
75.	WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES UN O	PROJECT No.: 1350999:56
76.	MINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOWS) 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
77.	SIZE.	REVISIONS: 12/17/21
		DIVISION REVISION NC21051CNP / 08/16/21 / KBA
		ATTIC ACESS 2 NC21062CNP / 11/19/21 / KBA
		ADD DECK OPTION
		■ <u>3</u> NC21056NCP · 12/17/21 · CTD
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		FOR INTERNAL USE ONLY
		REVIEWED BY:
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		3 4
		■ 5
		PLAN:
		240.2539-R
		LTV.2337"R
		SHEET:
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NOTE		SPEC. LEVEL 1
Deter	ER TO BASIC ELEVATIONS FOR INFORMATION NOT	
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REFE	AN HERE	RALEIGH-DURHAN
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REFI SHO	NN HERE <u>E.</u> ER TO BASIC <u>FLOOR PLAN</u> FOR INFORMATION NOT AN HERE	RALEIGH-DURHAN





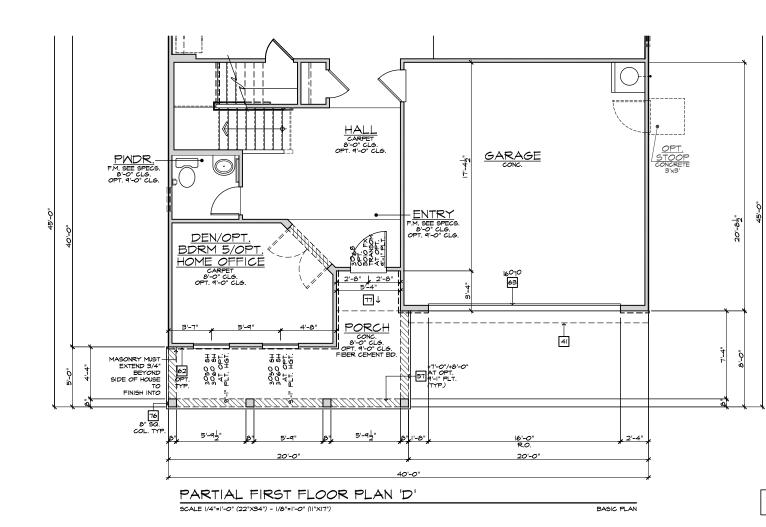


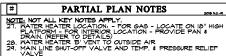
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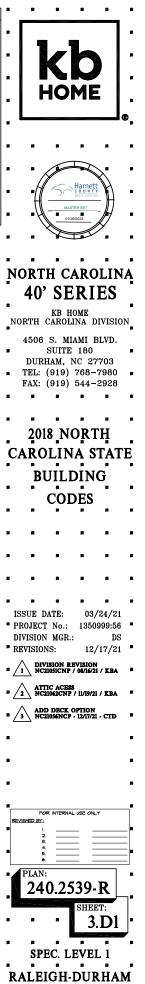
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PARTIAL SECOND FLOOR PLAN 'D'
SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7"
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BASIC PLAN

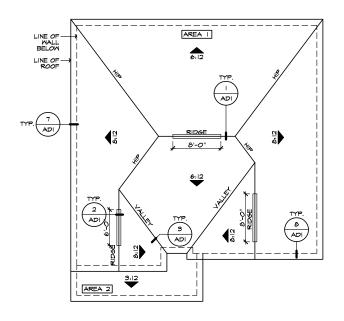




- 28. MATER HEATER B' VENT TO OUTSIDE AIR 29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF 39. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF 39. MIL SHUT-OR BELOW 40. LINE OF FLOOR BELOW 40. LINE OF FLOOR BELOW 40. MIL SBUTTOR SHUTCH AND FOR HEIGHT 51. DOW WALL REFER TO PLAN FOR HEIGHT 52. 246 STUD MALL 54. DEL. 244 WALL PER PLAN 55. INTERIOR SHELF REFER TO PLAN FOR HEIGHT 57. FLAT SOFFIT 58. ARCHED SOFFIT 50. OPT. DOOR / NINGED DECORATIVE COLUMN (SIZE, SEE ELEV.) 61. PTO DOW AND EXERCIMENTS 63. SECTIONAL GARAGE DOOR PTE SPECS 64. ST DIAM. CONCRETE FILLED PIPE SOLLARD 36' HIGH WITH MIN. 2' EMBEDMENT INTO CONCRETE. (NOT REGUIRED AT ELECTRIC WATER HEATERS OR FOR AFPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL 66. PT. FOST NW WARD 70. EGRESS MINDOW 71. MINDOW LEDGE. HEIGHT & MIDTH OF OPENING TO EXTEND 6' BEYOND WINDOWS ON ALL SIDES UND. 72. CONCRETE SLAB. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 51. SITE-BULT COLUMN SEE ELEVATION FOR TYPE 72. CONCRETE SLAB. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 51. FLANS SLOPE I/4' PER FT. MIN. SEE PLAN FOR 51. SITE-BULT COLUMN SEE ELEVATION FOR TYPE 72. CONCRETE SLAB. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 51. SITE-BULK COLUMN SEE ELEVATION FOR TYPE 73. CONCRETE SLAB. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 51. SITE-BULK COLUMN SEE ELEVATION FOR TYPE

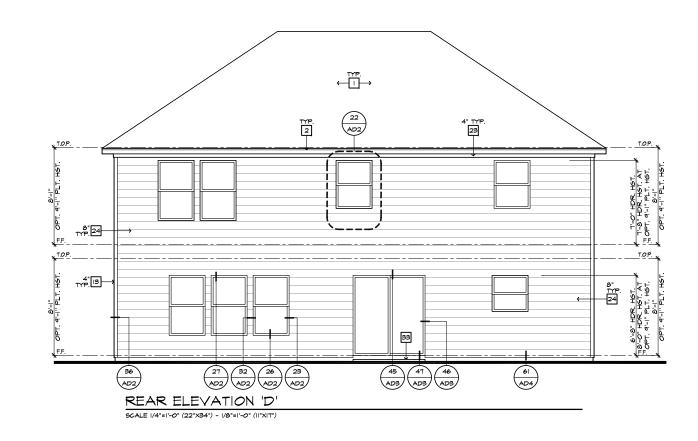


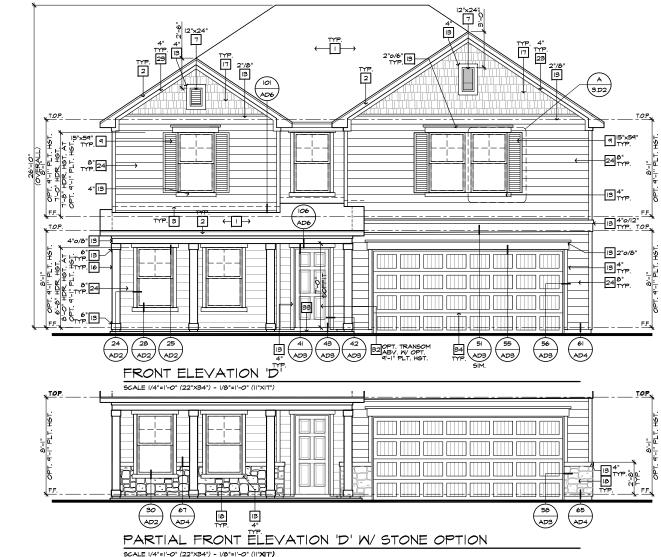
40' SERIES

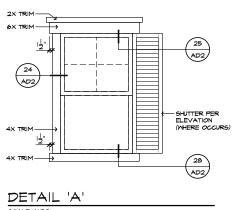


ROOF PLAN 'D'

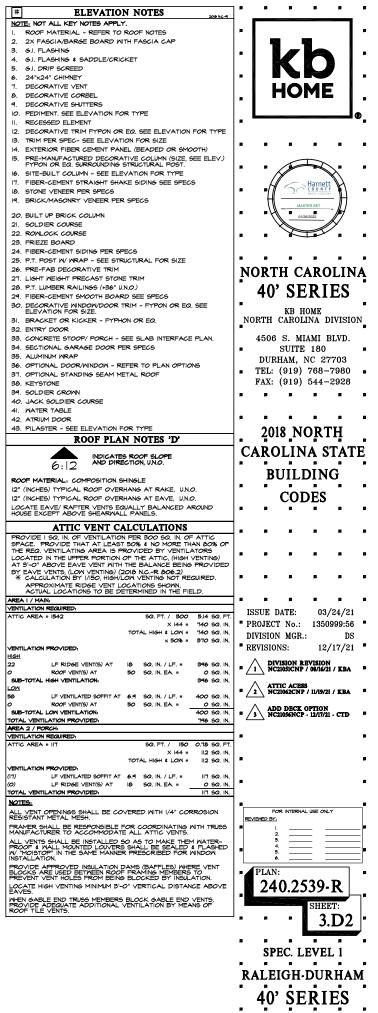
SCALE |/8"=|'-0" (22"X34") - |/|6"=|'-0" (||"X|7")

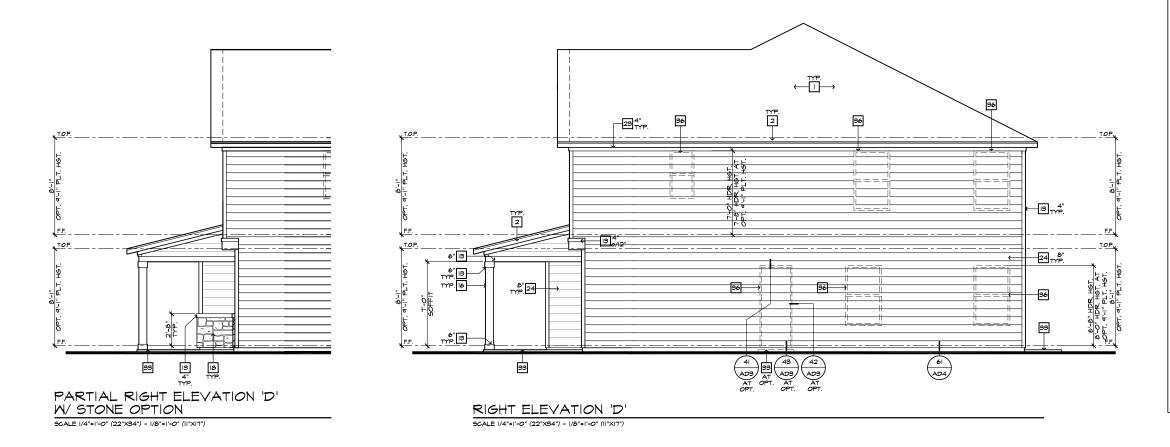


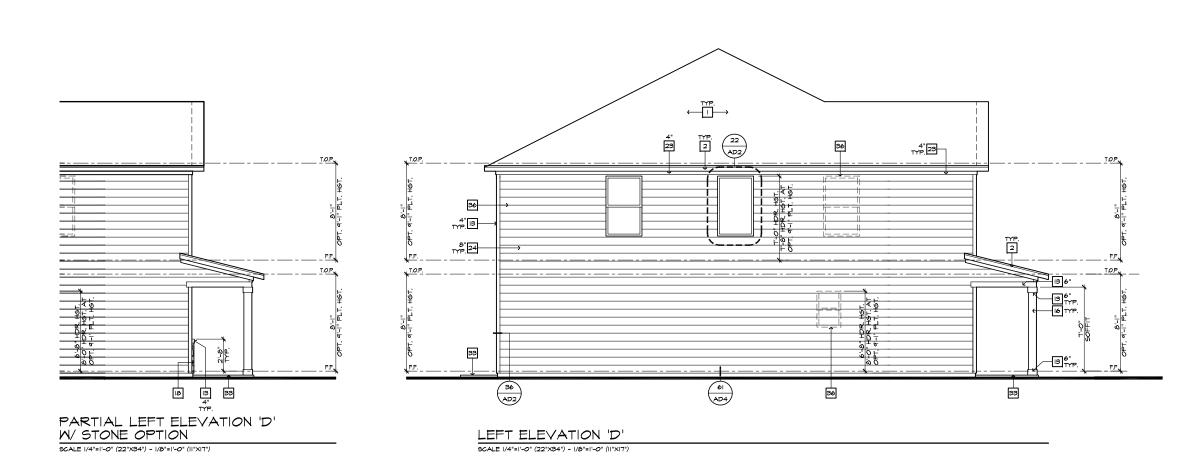




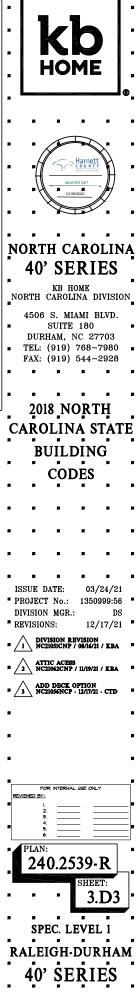
SCALE: N.T.S.

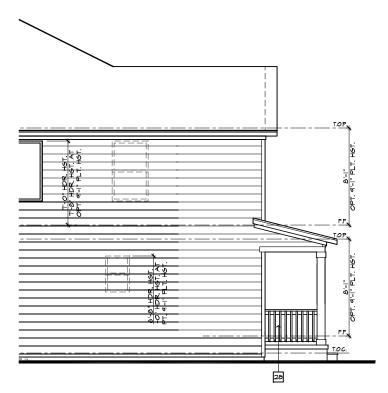




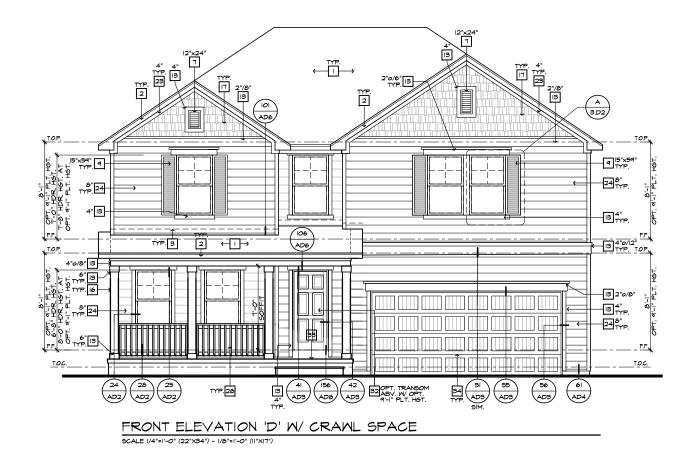


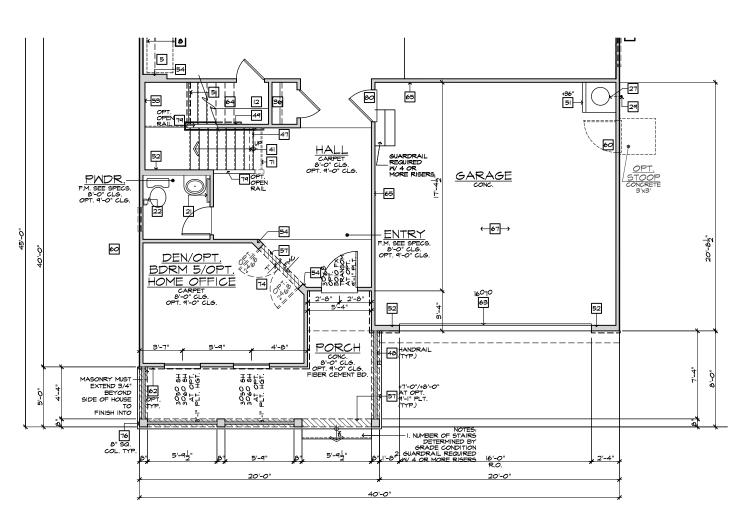
<b>ELEVATION NOTES</b>	<b>7° ° °</b>
NOTE: NOT ALL KEY NOTES APPLY.	
I. ROOF MATERIAL - REFER TO ROOF NOTES	P
2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP	
3. G.I. FLASHING	
4. G.I. FLASHING & SADDLE/CRICKET	
5. G.I. DRIP SCREED	
6. 24"x24" CHIMNEY	
7. DECORATIVE VENT	
8. DECORATIVE CORBEL	
9. DECORATIVE SHUTTERS	
IO. PEDIMENT. SEE ELEVATION FOR TYPE	
II. RECESSED ELEMENT	3
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.	
16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	
17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS	
18. STONE VENEER PER SPECS	P P(] ~
19. BRICK/MASONRY VENEER PER SPECS	I H
20. BUILT UP BRICK COLUMN	
21. SOLDIER COURSE	
22. ROWLOCK COURSE	<b>A A</b>
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 (
27. LIGHT WEIGHT PRECAST STONE TRIM	1 101 m
28. P.T. LUMBER RAILINGS (+36" U.N.O.)	40' S
29. FIBER-CEMENT SMOOTH BOARD SEE SPECS	
30. DECORATIVE WINDOWDOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	- KB
31. BRACKET OR KICKER - FYPHON OR EQ.	NORTH CAR
32. ENTRY DOOR	P
33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4506 S. 1
34. SECTIONAL GARAGE DOOR PER SPECS	SUI7
35. ALUMINUM WRAP	
36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM,
37. OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919
38. KEYSTONE	FAX: (919
39. SOLDIER CROWN	
40. JACK SOLDIER COURSE	- <b>-</b> •
4I. WATER TABLE	
42. ATRIUM DOOR	
43. PILASTER - SEE ELEVATION FOR TYPE	2010 1
	」 2018 I





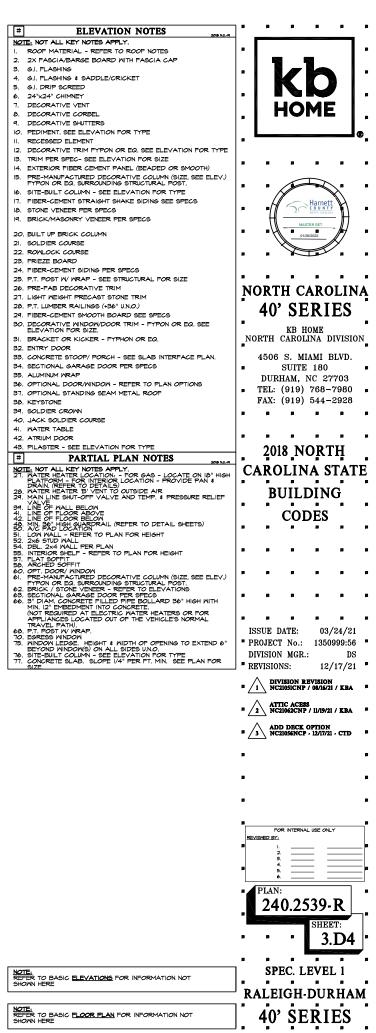
PARTIAL LEFT ELEVATION 'D' AT CRAWL SPACE



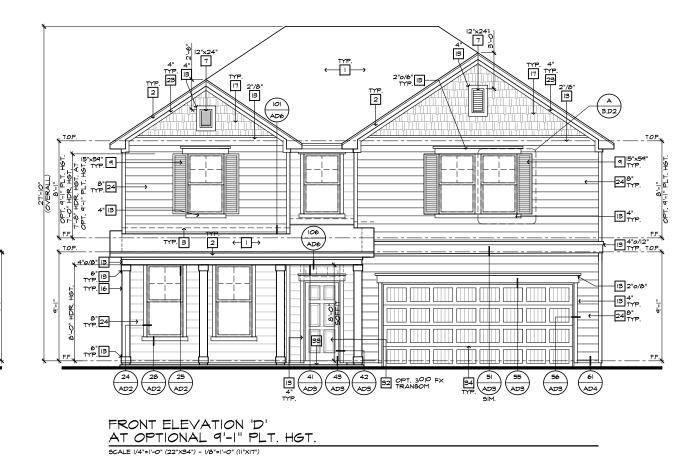


### PARTIAL FIRST FLOOR PLAN 'D' AT CRAWL SPACE

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









 PARTIAL FRONT ELEVATION 'D'

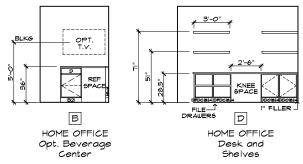
 AT OPTIONAL 9'-I "PLT. HGT. W/ STONE OPT.

 SCALE 1/4"=1"-O" (22"X34") - 1/8"=1"-O" (11"X1T')

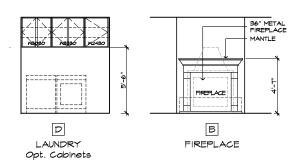
#	ELEVATION NOTES	] -	
ğ	TE: NOT ALL KEY NOTES APPLY.	1	
١.	ROOF MATERIAL - REFER TO ROOF NOTES		
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP		
З.	G.I. FLASHING		
4.	G.I. FLASHING & SADDLE/CRICKET	<u> </u>	
5.	G.I. DRIP SCREED		
5.	24"x24" CHIMNEY	8	
7.	DECORATIVE VENT		
в.	DECORATIVE CORBEL		
1.	DECORATIVE SHUTTERS	<sup>-</sup>	
о.	PEDIMENT, SEE ELEVATION FOR TYPE		
ι.	RECESSED ELEMENT	8	
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.		8
6.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	-	-
7.	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS		4
в.	STONE VENEER PER SPECS	8	=/
1.	BRICK/MASONRY VENEER PER SPECS		t
	BUILT UP BRICK COLUMN	8	a /
	SOLDIER COURSE		
	ROWLOCK COURSE	8	
	FRIEZE BOARD		
	FIBER-CEMENT SIDING PER SPECS	_	_
	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE		
26.	PRE-FAB DECORATIVE TRIM	N	OR'
27.	LIGHT WEIGHT PRECAST STONE TRIM	<b>1</b>	UI.
28.	P.T. LUMBER RAILINGS (+36" U.N.O.)		- 4(
29.	FIBER-CEMENT SMOOTH BOARD SEE SPECS		-1/
ю.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	8	
31.	BRACKET OR KICKER - FYPHON OR EQ.	_N	ORTH
	ENTRY DOOR	"	
	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.		450
	SECTIONAL GARAGE DOOR PER SPECS	8	
	ALUMINUM WRAP		DU
	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	I _	TEL
37.	OPTIONAL STANDING SEAM METAL ROOF	<sup>m</sup>	
38.	KEYSTONE		FAX
39.	SOLDIER CROWN	<b>B</b>	ø
40.	JACK SOLDIER COURSE		
41.	WATER TABLE		
42.	ATRIUM DOOR	8	8
43.	PILASTER - SEE ELEVATION FOR TYPE		20
	9-1" PLATE OPTION	] .	_ڀ
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ют			

NOTE: WINDOW SIZES WILL INCREASE BY I' AT 4'-I' PLATE OPTIONS. HEADER HEIGHTS FOR ALL NINDOWS WILL BE  $7^{-8'}$  AT 4'-I' PLATE OPTIONS.

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F	FAX: (	919) ∎	768-7 544-2 ■	928 •	
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DIV	OJECT ISION	No.: MGR.:	13509	DS	
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$\frac{1}{2}$	ATTI	C ACESS	(11/19/21)		,
$\sqrt{\frac{1}{3}}$			PTION 12/17/21		
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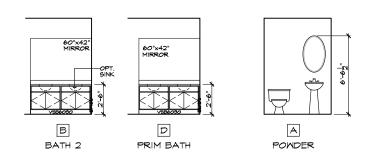


MISC. ELEVATIONS

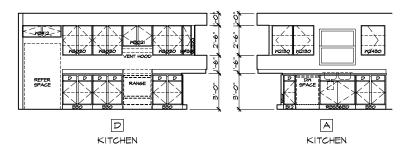




MISC. ELEVATIONS

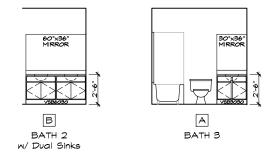


#### BATH ELEVATIONS

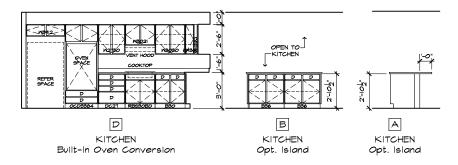


KITCHEN ELEVATIONS

### MISC. ELEVATIONS



#### BATH ELEVATIONS



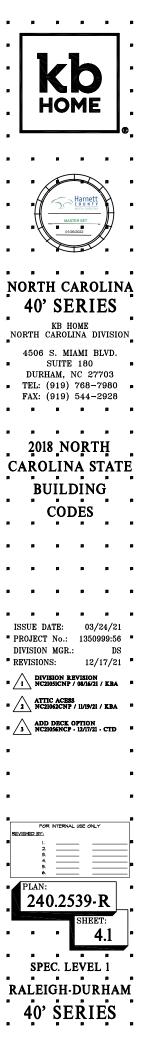
#### KITCHEN ELEVATIONS

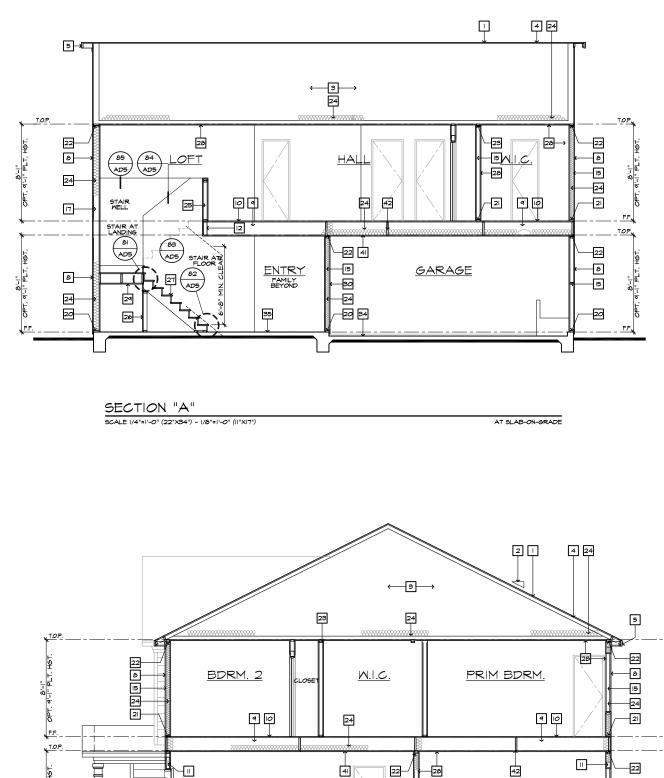
#### OPTIONAL INTERIOR ELEVATIONS

5CALE: 1/4"=1'-0" (22"X34") - 1/8"=1'-0" ( 11"XIT")

#### INTERIOR ELEVATIONS

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





41

30-

24

34 20-

<u>GARAGE</u>

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

33

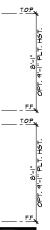
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8'-1" -1" PL1

FAMILY

35

#	SECTION NOTES 200 NG. R	
1.	ROOF MATERIAL - REFER TO ROOF NOTES	8 8
2. 3.	ROOF PITCH - REFER TO ROOF NOTES PRE-MANUFACTURED WOOD ROOF TRUSS SYSTEM - SEE	
4.	STRUCTURAL & TRUSS CALCS ROOF SHEATHING PER STRUCTURAL	
5.	2x FASCIA/BARGE BOARD	
6.	CONT. SOFFITED EAVE W/ VENTING	HOME
7. 8.	G.I. FLASHING - ROOF TO WALL EXTERIOR FINISH PER ELEVATIONS	I HOME I.
9.	FLOOR FRAMING PER STRUCTURAL	
10.		
11.	HEADER PER STRUCTURAL FLUSH BEAM PER STRUCTURAL	
	DROPPED BEAM PER STRUCTURAL	
	FLAT/ ARCHED SOFFIT PER PLAN	
	2x4 STUD WALL 2x6 STUD WALL	
	2x6 BALLOON FRAMED WALL PER STRUCTURAL	Harnett
	DBL. 2x4 WALL PER PLAN	
19.	2x CRIPPLES @ 16" O.C. 2x PRESSURE TREATED SILL PLATE	MASTER SET
	2x SOLE PLATE	
22.	DBL. 2x TOP PLATE @ EXTERIOR & BEARING WALLS	
23.	IX OVER 2X TOP PLATE @ INTERIOR \$ NON-BEARING WALLS	
	INSULATION MATERIAL PER ENERGY CALCULATIONS	
	MIN. 36" HIGH GUARD - SEE PLAN FOR HEIGHT LOW WALL - SEE PLAN FOR HEIGHT	
	STAIR TREADS AND RIGERS PER PLAN: - MIN 10" TREAD	NORTH CAROLINA
	\$ MAX. 7 3/4" RISER	40' SERIES
	INTERIOR FINISH: - MIN. 1/2" GYP. BD. @ WALLS & SAG RESISTANT OR 5/8" DRYWALL @ CEILING	, TO SERIES .
29.	MIN. 1/2" GYP. BD. ON CEILING & WALLS @ USEABLE SPACE UNDER STAIRS.	КВ НОМЕ
30.	GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAT $1/2^{\circ}$ GYP, BD. $\circledast$ GARAGE SIDE MALLS $\$$ $5/8^{\circ}$ UNDER LIVING AREA U.N.O.	NORTH CAROLINA DIVISION
		4506 S. MIAMI BLVD.
	MATERIAL TO UNDERSIDE OF ROOF SHEATHING	■ SUITE 180 ■
	INTERIOR SHELF - MIN. 1/2" GYP. BD. OVER 3/8" PLY MD. CONCRETE PATIO/ PORCH SLAB PER STRUCTURAL -	DURHAM, NC 27703
	SLOPE I/4" PER FT. MIN.	∎ TEL: (919) 768-7980 ∎
	CONCRETE GARAGE SLAB PER STRUCTURAL - SLOPE 2" MIN. CONCRETE FOUNDATION PER STRUCTURAL	FAX: (919) 544-2928
36.	LINE OF OPTIONAL TRAY CEILING/ STEP CEILING	
	LINE OF OPTIONAL VOLUME CEILING	
	PROFILE OF OPTIONAL COVERED PATIO EXTERIOR SOFFIT MATERIAL - REFER TO ELEVATIONS.	
40.	8" BLOCK WALL	2018_NORTH
41.	5/8" TYPE-X DRYWALL @ GARAGE CEILING	
42.	WHEN THERE IS USABLE SPACE ABOVE AND BELOW THE	CAROLINA STATE
	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 1,000 SQUARE FEET. DRAFTSTOPPING SHALL DIVIDE	BUILDING
	THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS.	CODES
L		
		ISSUE DATE: 03/24/21
		PROJECT No.: 1350999:56
		DIVISION MGR.: DS
		REVISIONS: 12/17/21
		DIVISION REVISION NC2105ICNP / 08/16/21 / KBA
		ATTIC ACESS
		<sup>2</sup> 2 NC21062CNP / 11/19/21 / KBA <sup>2</sup>
		ADD DECK OPTION
		■ <u>3</u> NC21056NCP · 12/17/21 · CTD
. <u>o.p</u>		
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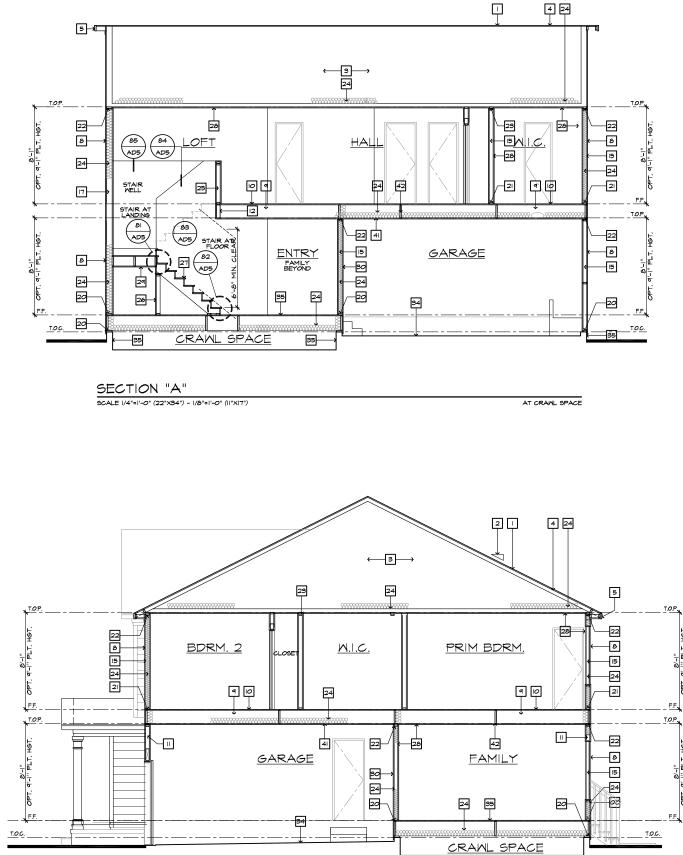
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PLAN:

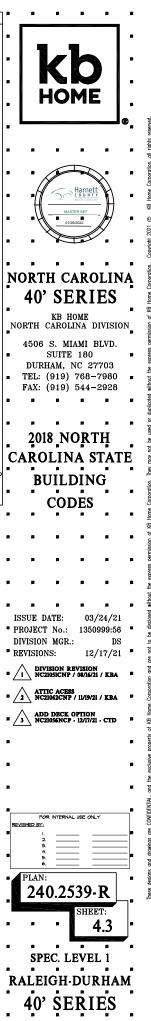
. . SPEC. LEVEL 1 . . . . **RALEIGH-DURHAM** 40' SERIES

240.2539-R

SHEET: 4.2

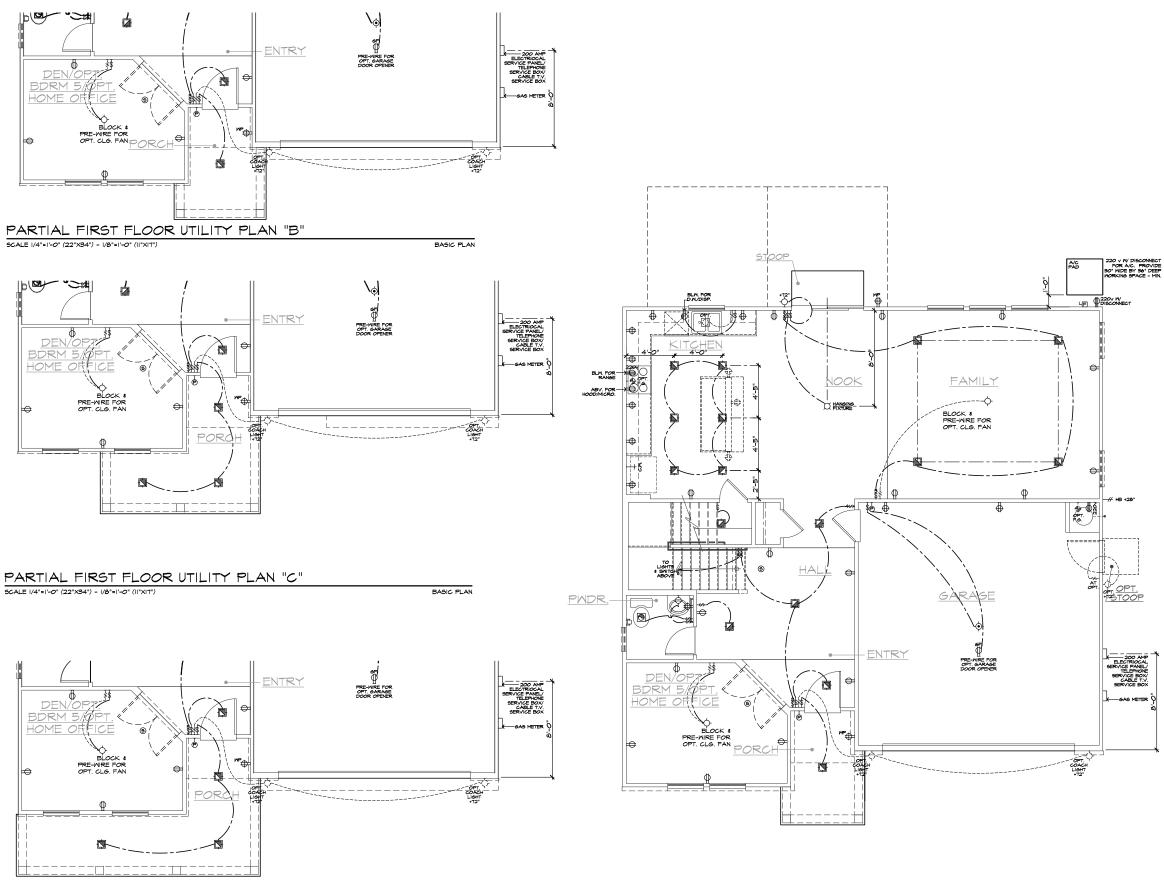


SECTION "B" SCALE I/4"=I'-0" (22"X34") - I/8"=I'-0" (II"XI7")



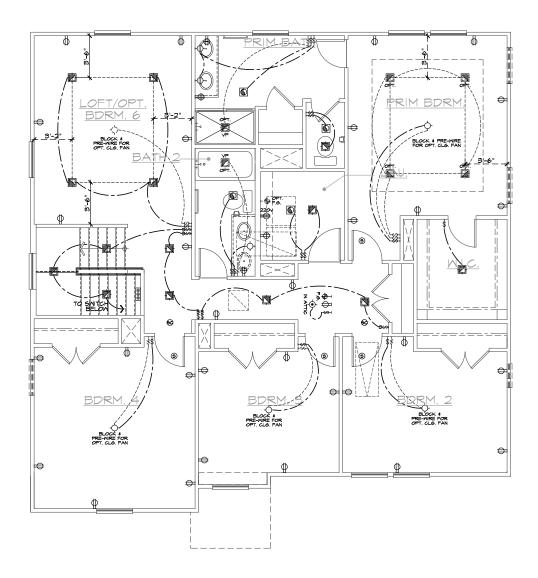
#	SECTION NOTES	•
NOT	E. NOT ALL KEY NOTES APPLY.	
ι.	ROOF MATERIAL - REFER TO ROOF NOTES	8
2.	ROOF PITCH - REFER TO ROOF NOTES	
З.	PRE-MANUFACTURED WOOD ROOF TRUSS SYSTEM - SEE STRUCTURAL & TRUSS CALCS	•
4.	ROOF SHEATHING PER STRUCTURAL	
5.	2x FASCIA/BARGE BOARD	8
6.	CONT. SOFFITED EAVE W VENTING	
7.	G.I. FLASHING - ROOF TO WALL	
8.	EXTERIOR FINISH PER ELEVATIONS	8
۹.	FLOOR FRAMING PER STRUCTURAL	
ю.	FLOOR SHEATHING PER STRUCTURAL	
п.	HEADER PER STRUCTURAL	
12.	FLUSH BEAM PER STRUCTURAL	
13.	DROPPED BEAM PER STRUCTURAL	8
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	8
19.	2x CRIPPLES @ 16" O.C.	
20.	2x PRESSURE TREATED SILL PLATE	
21.	2x SOLE PLATE	-
22.	DBL. 2x TOP PLATE @ EXTERIOR & BEARING WALLS	
23.	IX OVER 2X TOP PLATE @ INTERIOR \$ NON-BEARING WALLS	•
24.	INSULATION MATERIAL PER ENERGY CALCULATIONS	
25.	MIN. 36" HIGH GUARD - SEE PLAN FOR HEIGHT	B
26.	LOW WALL - SEE PLAN FOR HEIGHT	NO
	STAIR TREADS AND RISERS PER PLAN: - MIN. 10" TREAD & MAX. 7 3/4" RISER	110
28.	INTERIOR FINISH: - MIN. 1/2" GYP. BD. @ WALLS & SAG RESISTANT OR 5/8" DRYWALL @ CEILING	
	MIN. 1/2" GYP. BD. ON CEILING & WALLS @ USEABLE SPACE UNDER STAIRS.	NOF
30.	GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAT 1/2" GYP. BD. @ GARAGE	
~	SIDE WALLS & 5/8" UNDER LIVING AREA U.N.O.	4
31.	MATERIAL TO UNDERSIDE OF ROOF SHEATHING	8
	INTERIOR SHELF - MIN. 1/2" GYP. BD. OVER 3/8" PLY WD.	
	CONCRETE PATIO/ PORCH SLAB PER STRUCTURAL - SLOPE 1/4" PER FT. MIN.	• J
	CONCRETE GARAGE SLAB PER STRUCTURAL - SLOPE 2" MIN.	F
	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
40. 41.	8" BLOCK WALL 5/8" TYPE-X DRYWALL @ GARAGE	
-+ı.	CEILING	~·
42.	WHEN THERE IS USABLE SPACE ABOVE AND BELOW THE	LA
	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.	

F.F. F.F.



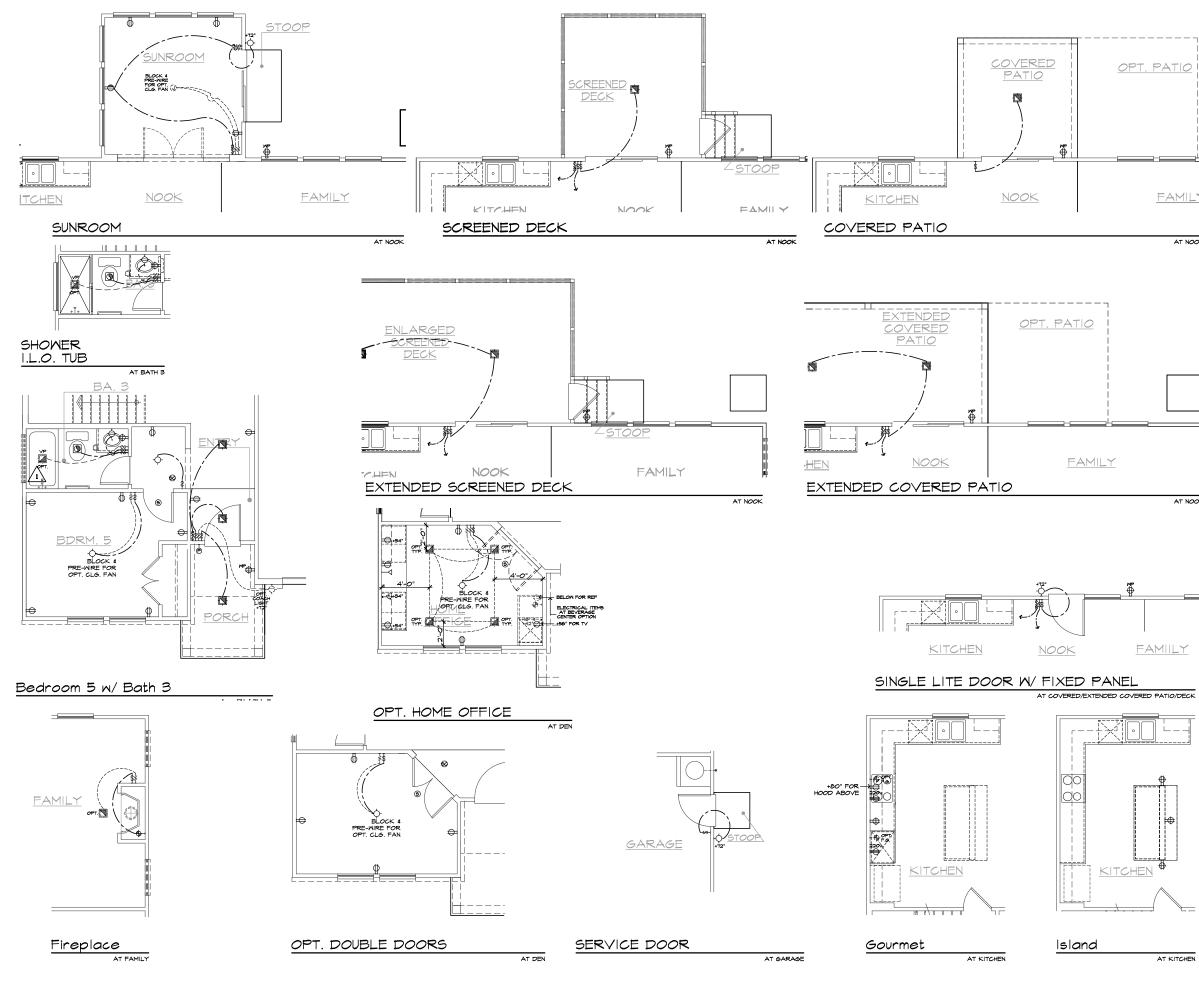
FIRST FLOOR UTILITY PLAN

€		p p	
	120V DUPLEX CONVENIENCE RECEPTACLE ARC FAULT(AFCI) AND TAMPER RESISTANT(TR) 12" ABV. FIN. FLR. TYPICAL U.N.O.		
	I 120Y (TR) RECEPTACLE W/ GFI CIRCUIT		_
	W MÁTER RESISTANT HOUSING	°	
9FI	120V (IR) RECEPTACLE W GFI CIRCUIT	,	
	FUSED DISCONNECT		10
	1207 (AFCI & TR) RECESSED FLOOR RECEPTACLE W COVER	•	
	1207 (AFCI & TR) DUPLEX CONVENIENCE RECEPTACLE SWITCH CONTROLLED, 1/2 HOT	, <b>L</b>	
220 v	, 220v SINGLE CONVENIENCE RECEPTACLE HEIGHT NOTED AS PER PLAN		
	TWO-POLE LIGHT SWITCH AT 42" ABV. FIN. FLR. 8" ABOVE COUNTER U.N.O.		•
в	THREE-POLE LIGHT SWITCH	• • ,	F
4	FOUR-POLE LIGHT SWITCH	//	1 53
W.P.	WALL MOUNTED LIGHT FIXTURE W/ WATER RESISTANT HOUSING	- H	20
	WALL MOUNTED INCANDESCENT LIGHT FIXTURE	H• •	MAS 01/2
	WALL MOUNTED FLUORESCENT LIGHT FIXTURE		$\triangleleft$
	CEILING MOUNTED INCANDESCENT	-	
	LIGHT FIXTURE CEILING MOUNTED FLUORESCENT		
	LIGHT FIXTURE HANGING INCANDESCENT	NORT	
	LIGHT FIXTURE	40'	SE
	RECESSED INCANDESCENT DIRECTIONAL LIGHT FIXTURE (EYE BALL)	•	КВ Н
	RECESSED INCANDESCENT LIGHT FIXTURE	NORTH ■	
	LIGHTING - TRAVERSE II LED FIXTURE - PER SPECS	4506	S. MI
N.P.	RECESSED INCANDESCENT LIGHT FIXTURE W WATER RESISTANT HOUSING	<b>פוות</b>	SUITE HAM,
	RECESSED FLUORESCENT LIGHT FIXTURE		(919)
	RECESSED EXHAUST FAN RECESSED EXHAUST FAN/ INCANDESCENT	FAX:	(919)
	LIGHT COMBINATION RECESSED EXHAUST FAN/ FLUORESCENT		
	LIGHT COMBINATION	8 8	
	INCANDESCENT WALL SCONCE ILLUMINATED ADDRESS SIGN - VISIBLE	201	8_N
Π	FROM STREET	CARO	
∥į		8 B	
<b>P</b>	24"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)	B	UILI
			COI
1		8 8	-
l I	12"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)		
į –			
-	OPTIONAL PRE-WIRED CEILING FAN	9 9	-
	AND SWITCH - LOCATED IN CENTER OF ROOM U.N.O. CEILING MOUNTED JUNCTION BOX		8
	WALL MOUNTED JUNCTION BOX		_
	DOOR CHIME	ISSUE D	ATE:
	CATV RECEPTACLE PUSH BUTTON	PROJECT	Г No.:
	PHONE OUTLET	DIVISION	
_	SERVICE BOX	REVISIO	
в	HOSE BIB HOSE BIB W/ S.O.V.		ISION R 21051CNP
sm	HOSE BIB W 5.0.V. WATER STUB FOR ICE MAKER		IC ACES
	APPROVED CEILING MOUNTED SMOKE DETECTOR TO BE HARD WIRED WITH BATTERY BACK-UP AND INTERCONNECTED	<u> </u>	D DECK
	WITH BATTERY BACK-UP AND INTERCONNECTED APPROVED CARBON MONOXIDE ALARM/ SMOKE DET.		21056NCP
	THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN)	•	
	GAS TAP GAS KEY - FIREPLACE GAS VALVES SHALL BE		
	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48" FROM GAS OUTLET	•	
54		•	
RC OF	NITCHING FOR 24" MIN. SEPERATION DOMS W/ CLG. FAN OF ELECTRICAL BOXES PTIONS AS SHOWN BELOW	_	
	FAN LIGHT DT T T TAN DIELLING		RINTERN
		REVIENED BY:	
_		2 5 4	: _
SECC		B 5	
1EC	NOTES	PLAN	
SHO	HANICAL, ELECTRICAL AND PLUMBING SYSTEMS ARE WN FOR INTENT ONLY. THEOS SYSTEMS SHALL BE INTERRED BY OTHERS. THE CONTRACTOR SHALL BE PONSIBLE FOR PROPER INSTALLATION AND		0.25
ENG	CEMENT. ALL HEIGHTS SHOWN ARE TO CENTERLINE		
PLA			
OF I	FIXTURE. DVIDE SWITCH, LIGHT, 120V (AFCI & TR) DUPLEX		- 1
PLA OF I PRC REC IN A	VIDE SWITCH, LIGHT, 120V (AFCI & TR) DUPLEX LEPTACLE, & FUEL GAS STUB OR 220V RECEPTACLE ITTIC FOR F.A.U PER COMMUNITY SPECIFICATIONS.		<u> </u>
PLA OF I PRC REC IN A		8 8	2
PLA OF I PRO REC IN A SMC BE	VIDE SWITCH, LIGHT, I2OV (AFCI & TR) DUPLEX LEPTACLE, & FUEL GAS STUB OR 22OV RECEPTACLE STITC FOR F-AU FER COMMUNITY SPECIFICATIONS. DECOMMUNITY SPECIFICATIONS. DECOMPARTMENT OF CHILING TO LOCATED AT HIGHEST POINT OF CEILING FOOT #4 REPAR FOR UPER GROUND AND	SP]	EC. L
PLA PRECA PRECA SBE 2011 ADIE	VIDE SWITCH, LIGHT, I2OV (AFCI & TR) DUPLEX IEPTACLE, & FUEL GAS STUB OR 22OV RECEPTACLE ITTIC FOR F.A.J PER COMMUNITY SPECIFICATIONS. KE DETECTORS IN ROOMS WITH VOLUME CEILING TO LOCATED AT HIGHEST POINT OF CEILING	8 8	EC. L



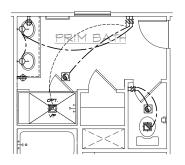
<u>SECOND FLOOR UTILITY PLAN</u> 5CALE 1/4"=1"-0" (22"X34") - 1/8"=1"-0" (11"X1T")

÷	120V DUPLEX CONVENIENCE RECEPTACLE ARC FAULT(AFCI) AND TAMPER RESISTANT(TR) 12° ABV, FIN, FLR, TYPICAL UN.O.	
	12" ABV. FIN. FLR. TYPICAL UN.O. 11 120V (TR) RECEPTACLE W GFI CIRCUIT W WATER REGISTANT HOUSING	
т∰ мР ⊏€ 6FI	120V (TR) RECEPTACLE W GFI CIRCUIT	
₩		
Ъ		. HOME
0	1207 (AFCI & TR) RECESSED FLOOR RECEPTACLE W/ COVER	
÷	120V (AFCI & TR) DUPLEX CONVENIENCE RECEPTACLE SWITCH CONTROLLED, 1/2 HOT	» ••••••••••••••••••••••••••••••••••••
<b>I</b> € 220 v	, 220v SINGLE CONVENIENCE RECEPTACLE HEIGHT NOTED AS PER PLAN	
<b>⊷∽</b> -	TWO-POLE LIGHT SWITCH AT 42" ABV. FIN. FLR. 8" ABOVE COUNTER U.N.O.	
⊷ <del>,</del> 3	THREE-POLE LIGHT SWITCH	
+ <del>69</del> -4	FOUR-POLE LIGHT SWITCH	
ю́- м.р.	WALL MOUNTED LIGHT FIXTURE W/ WATER RESISTANT HOUSING	MASTER SET
ф	WALL MOUNTED INCANDESCENT LIGHT FIXTURE	01/26/2022
ŀ€ŀ	WALL MOUNTED FLUORESCENT LIGHT FIXTURE	
÷	CEILING MOUNTED INCANDESCENT LIGHT FIXTURE	
-¢-	CEILING MOUNTED FLUORESCENT LIGHT FIXTURE	NORTH CAROLINA
¤	HANGING INCANDESCENT LIGHT FIXTURE	40' SERIES
Ð	RECESSED INCANDESCENT DIRECTIONAL LIGHT FIXTURE (EYE BALL)	•
Ð	RECESSED INCANDESCENT LIGHT FIXTURE	KB HOME NORTH CAROLINA DIVISION
	LIGHTING - TRAVERSE II LED FIXTURE - PER SPECS	■ 4506 S. MIAMI BLVD.
() М.Р.	RECESSED INCANDESCENT LIGHT FIXTURE W/WATER RESISTANT HOUSING	<ul> <li>SUITE 180</li> </ul>
ø	RECESSED FLUORESCENT LIGHT FIXTURE	DURHAM, NC 27703 ■ TEL: (919) 768-7980
© ©	RECESSED EXHAUST FAN RECESSED EXHAUST FAN/ INCANDESCENT	FAX: (919) 544-2928
	LIGHT COMBINATION	
Ş	RECESSED EXHAUST FAN/ FLUORESCENT LIGHT COMBINATION	
D	INCANDESCENT WALL SCONCE ILLUMINATED ADDRESS SIGN - VISIBLE	2018_NORTH
	FROM STREET	CAROLINA STATE
i       i		
	24"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)	BUILDING
		CODES
T		
	12"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)	
i∥i		
ē	OPTIONAL PRE-WIRED CEILING FAN	
9	AND SWITCH - LOCATED IN CENTER OF ROOM U.N.O. CEILING MOUNTED JUNCTION BOX	
нQ	WALL MOUNTED JUNCTION BOX	
● <b>●●</b> ⊢ <b>F</b> ⊻	DOOR CHIME CATV RECEPTACLE	ISSUE DATE: 03/24/21
-®	PUSH BUTTON	PROJECT No.: 1350999:56
<b>⊨</b> ∎	PHONE OUTLET	DIVISION MGR.: DS REVISIONS: 12/17/21
_  _+ нв	SERVICE BOX HOSE BIB	
-#нв	HOSE BIB W/ S.O.V.	<sup>1</sup> <u>1</u> NC21051CNP / 08/16/21 / KBA
— см	MATER STUB FOR ICE MAKER	ATTIC ACESS     NC21062CNP / 11/19/21 / KBA
9	APPROVED CEILING MOUNTED SMOKE DETECTOR TO BE HARD WIRED WITH BATTERY BACK-UP AND INTERCONNECTED	ADD DECK OPTION NC21056NCP - 12/17/21 - CTD
8	APPROVED CARBON MONOXIDE ALARM/ SMOKE DET.	
⊢© ⊢∳	THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN) GAS TAP	•
⊢ <del>X</del>	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48" FROM GAS OUTLET	
RO	NITCHING FOR 24" MIN. SEPERATION DOMS W/ CLG. FAN OF ELECTRICAL BOXES	•
LIGHT / I		FOR INTERNAL USE ONLY
K₂ H¢		REVIENED BY:
_		2 3
SECO	ANDARY MASTER GARAGE	*.
I. MEC	HANICAL, ELECTRICAL AND PLUMBING SYSTEMS ARE	PLAN:
SHO	HANICAL, ELECTRICAL AND FLUMBING STSTEMS ARE WN FOR INTENT ONLY. THESE SYSTEMS SHALL BE INEERED BY OTHERS. THE CONTRACTOR SHALL BE PONSIBLE FOR PROPER INSTALLATION AND	240.2539-R
PLA	PONSIBLE FOR PROPER INSTALLATION AND CEMENT. ALL HEIGHTS SHOWN ARE TO CENTERLINE FIXTURE.	SHEET:
	NUDE SWITCH, LIGHT, 120V (AFCI & TR) DUPLEX JEPTACLE, & FUEL GAS STUB OR 220V RECEPTACLE ITTIC FOR F.A.U PER COMMUNITY SPECIFICATIONS.	5.2
BE	XE DETECTORS IN ROOMS WITH VOLUME CEILING TO LOCATED AT HIGHEST POINT OF CEILING	SPEC. LEVEL 1
ADI	FOOT #4 REBAR FOR UFER GROUND AND )TIONAL COLD WATER GROUND. REFER TO SLAB .RFACE PLAN FOR LOCATION.	
5. 200	AMP ELECTRICAL PANEL (DEFAULT). ELECTRICAL	RALEIGH-DURHAM
PLA AMF	IN CHECK PERMIT REQUIRED IF LOAD EXCEED 400	40' SERIES

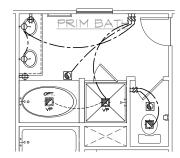


FIRST FLOOR UTILITY PLAN OPTIONS

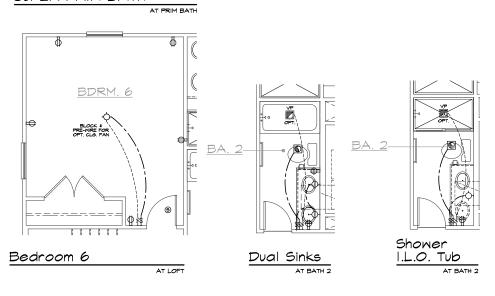
	UTILITY LEGEND	<b>,,,,,</b> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
÷	120V DUPLEX CONVENIENCE RECEPTACLE	
⊡ MP 6F	ARC FAULT(AFCI) AND TAMPER RESISTANT(TR) 12" ABV, FIN, FLR, TYPICAL U.N.O. 11 120y (TR) RECEPTACLE W/ GFI CIRCUIT	
i ⊕ nr oi	W WATER RESISTANT HOUSING	
i <b>G</b> FI	120V (TR) RECEPTACLE W/ GFI CIRCUIT	
⊕ ₽	FUSED DISCONNECT	
0	120y (AFCI & TR) RECESSED FLOOR	
-		
•	120Y (AFCI & TR) DUPLEX CONVENIENCE RECEPTACLE SWITCH CONTROLLED, 1/2 HOT	8
🕀 220 v	220Y SINGLE CONVENIENCE RECEPTACLE HEIGHT NOTED AS PER PLAN	
⊷	TWO-POLE LIGHT SWITCH AT 42" ABV. FIN. FLR. 8" ABOVE COUNTER U.N.O.	
в	THREE-POLE LIGHT SWITCH	
<del>-67-</del> 4	FOUR-POLE LIGHT SWITCH	Harnett
ф∙ <b>м.</b> ₽.	WALL MOUNTED LIGHT FIXTURE W/ WATER RESISTANT HOUSING	
ф	WALL MOUNTED INCANDESCENT LIGHT FIXTURE	MASTER SET
-@-	WALL MOUNTED FLUORESCENT	
	LIGHT FIXTURE CEILING MOUNTED INCANDESCENT	
÷.	LIGHT FIXTURE	
¢-	CEILING MOUNTED FLUORESCENT LIGHT FIXTURE	NORTH CAROLI
¤	HANGING INCANDESCENT LIGHT FIXTURE	40' SERIES
Ð	RECESSED INCANDESCENT DIRECTIONAL	P
¢	LIGHT FIXTURE (EYE BALL) RECESSED INCANDESCENT LIGHT FIXTURE	KB HOME NORTH CAROLINA DIVIS
	LIGHTING - TRAVERSE II LED FIXTURE - PER	■
© М.Р.	SPECS RECESSED INCANDESCENT LIGHT FIXTURE	4506 S. MIAMI BLVD SUITE 180
© <b>∧</b> ፼	W WATER RESISTANT HOUSING	DURHAM, NC 27703
¢ 0	RECESSED FLUORESCENT LIGHT FIXTURE RECESSED EXHAUST FAN	■ TEL: (919) 768-798
	RECESSED EXHAUST FAN/ INCANDESCENT	FAX: (919) 544-292
Ý	LIGHT COMBINATION RECESSED EXHAUST FAN/ FLUORESCENT	
Ø	LIGHT COMBINATION	
D 1	INCANDESCENT WALL SCONCE ILLUMINATED ADDRESS SIGN - VISIBLE	2018_NORTH
]	FROM STREET	CAROLINA STA
i       i		
o o	24"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)	BUILDING
		CODES
<b>P</b>	12"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)	
©	OPTIONAL PRE-WIRED CEILING FAN AND SWITCH - LOCATED IN CENTER OF ROOM U.N.O.	
Q	CEILING MOUNTED JUNCTION BOX	
Ð	WALL MOUNTED JUNCTION BOX	
●●● ⊢⊤∕		ISSUE DATE: 03/24/2
-1 <u>v</u> +®	CATV RECEPTACLE PUSH BUTTON	PROJECT No.: 1350999:
-	PHONE OUTLET	DIVISION MGR.: 1
	SERVICE BOX	REVISIONS: 12/17/2
+ нв	HOSE BIB	DIVISION REVISION NC2105ICNP / 08/16/21 / KB
–≁нв –+см	HOSE BIB W/ S.O.V. WATER STUB FOR ICE MAKER	
	APPROVED CEILING MOUNTED	■ <u>2</u> NC21062CNP / 11/19/21 / KB.
9	SMOKE DETECTOR TO BE HARD WIRED WITH BATTERY BACK-UP AND INTERCONNECTED	ADD DECK OPTION NC21056NCP · 12/17/21 · CTI
&9 ⊢®		
∪ ∳	THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN) GAS TAP	B
	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48" FROM GAS OUTLET	
	BUT NO MORE THAN 48" FROM GAS OUTLET	
SM	NITCHING FOR 24" MIN. SEPERATION DOMS W/ CLG. FAN OF ELECTRICAL BOXES	5
16HT / F	PTIONS AS SHOWN BELOW	
10H1 / F 12 HC		FOR INTERNAL USE ONLY REVIEWED BY:
		■ I
_		8 4 5
SECC	<u>INDARY MASTER GARAGE</u> NOTES	6
I. MEC		PLAN:
SHO	HANICAL, ELECTRICAL AND PLUMBING SYSTEMS ARE WN FOR INTENT ONLY. THESE SYSTEMS SHALL BE INEERED BY OTHERS. THE CONTRACTOR SHALL BE PONSIBLE FOR PROPER INSTALLATION AND	240.2539-R
PLA	COMENT. ALL HEIGHTS SHOWN ARE TO CENTERLINE FIXTURE.	SHEET:
		··· 5.3
REC IN A	XVIDE SWITCH, LIGHT, IZOV (AFCI & TR) DUPLEX EPTACLE, & FUEL GAS STUB OR 22OV RECEPTACLE ITTIC FOR F.A.U. – PER COMMUNITY SPECIFICATIONS.	
3. SMO BE	KE DETECTORS IN ROOMS WITH VOLUME CEILING TO LOCATED AT HIGHEST POINT OF CEILING	SPEC. LEVEL 1
	FOOT #4 REBAR FOR UFER GROUND AND DITIONAL COLD WATER GROUND, REFER TO SLAB	
4. 20 i		
ADD INTE	RFACE PLAN FOR LOCATION.	RALEIGH-DURH
ADD INTE 5. 200	RFACE PLAN FOR LOCATION. ) AMP ELECTRICAL PANEL (DEFAULT). ELECTRICAL N CHECK PERMIT REQUIRED IF LOAD EXCEED 400	40' SERIES



DELUXE PRIM BATH



SUPER PRIM BATH



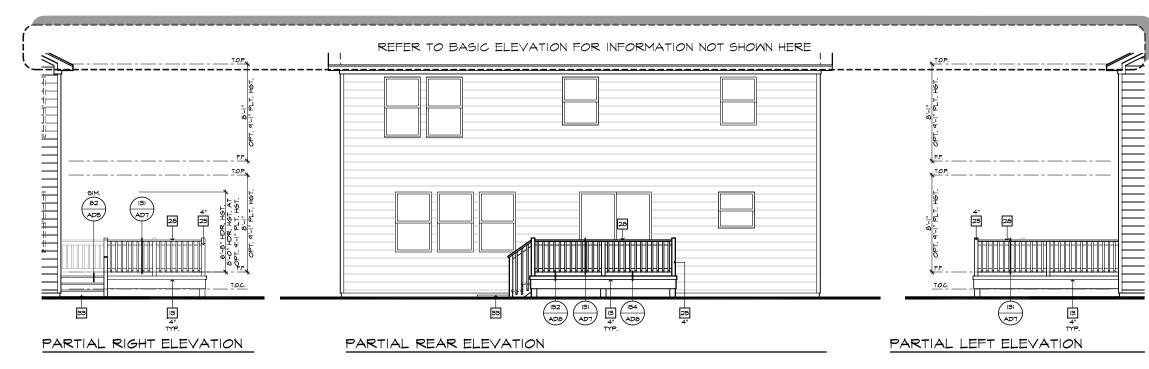
 $\frac{\mathsf{SECOND} \mathsf{FLOOR} \mathsf{UTILITY} \mathsf{PLAN} \mathsf{OPTIONS}}{\mathsf{SCALE} \; |/4^u = |-0^u \; (2^u \times 34^u) \; - \; |/8^u = |-0^u \; (||^u \times ||^u)}$ 

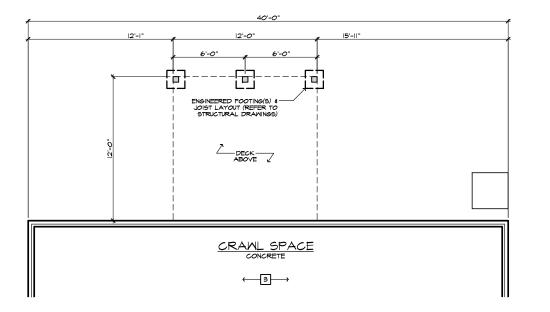
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BASIC PLAN

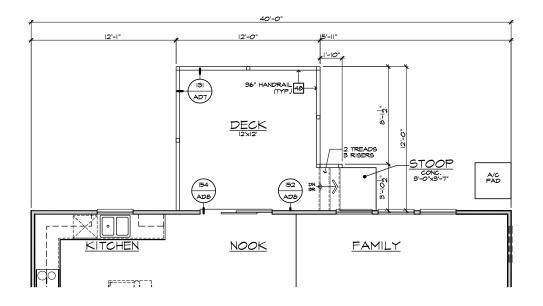
UTILITY LEGEND	
E WP GFI 120V (TR) RECEPTACLE W/ GFI CIRCUIT	
GFI 120V (TR) RECEPTACLE W/ GFI CIRCUIT	
FUSED DISCONNECT	
	. HOME
O I20V (AFGI & TR) RECESSED FLOOR RECEPTACLE W COVER	-
IOV (AFCI & TR) DUPLEX CONVENIENCE RECEPTACLE SWITCH CONTROLLED, 1/2 HOT	
HEIGHT NOTED AS PER PLAN	
HO TWO-POLE LIGHT SWITCH AT 42" ABV. FIN. FLR.	
++++++++++++++++++++++++++++++++++++++	Harnott
₩ WALL MOUNTED LIGHT FIXTURE W WATER RESISTANT HOUSING	
	MASTER SET
	01/26/2022
HO. WALL MOUNTED FLUORESCENT LIGHT FIXTURE	
A CEILING MOUNTED FLUORESCENT	
	NORTH CAROLIN
X HANGING INCANDESCENT LIGHT FIXTURE	40' SERIES
RECESSED INCANDESCENT DIRECTIONAL LIGHT FIXTURE (EYE BALL)	кв номе
	NORTH CAROLINA DIVISIO
LIGHTING - TRAVERSE II LED FIXTURE - PER SPECS	■ 4506 S. MIAMI BLVD.
W.P. RECESSED INCANDESCENT LIGHT FIXTURE	■ SUITE 180
	DURHAM, NC 27703
RECESSED EXHAUST FAN	■ TEL: (919) 768-7980 FAX: (919) 544-2928
RECESSED EXHAUST FAN/ INCANDESCENT	FAX: (919) 544-2928
RECESSED EXHAUST FAN/ FLUORESCENT	
INCANDESCENT WALL SCONCE     ILLUMINATED ADDRESS SIGN - VISIBLE	2018_NORTH
FROM STREET	CAROLINA STAT
0   24"x48" FLUORESCENT LIGHT   0   BOX (CEILING MOUNTED)	BUILDING
	CODES
12"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)	
OPTIONAL PRE-WIRED CELLING FAN     AND SWITCH - LOCATED IN CENTER OF ROOM U.N.O.	
CEILING MOUNTED JUNCTION BOX	
WALL MOUNTED JUNCTION BOX       DOOR CHIME	
	ISSUE DATE: 03/24/21
	PROJECT No.: 1350999:56
	DIVISION MGR.: DS
SERVICE BOX	REVISIONS: 12/17/21
HB HOSE BIB	DIVISION REVISION NC21051CNP / 08/16/21 / KBA
-# HB HOSE BIB W S.O.V. -+ CM WATER STUB FOR ICE MAKER	ATTIC ACESS 2 ATTIC ACESS NC21062CNP / 11/19/21 / KBA
NATER STOP FOR IDE MARER	
APPROVED CEILING MOUNTED SMOKE DETECTOR TO BE HARD WIRED WITH BATTERY BACK-UP AND INTERCONNECTED	ADD DECK OPTION NC21056NCP - 12/17/21 - CTD
+     THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN)     GAS TAP	•
T	
GAS KEY - FIREPLACE GAS VALVES SHALL BE EXAMPLE A CONTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48" FROM GAS OUTLET	
SWITCHING FOR 24" MIN. SEPERATION	•
ROOMS W/ CLG. FAN OF ELECTRICAL BOXES OPTIONS AS SHOWN BELOW	_
LIGHT / FAN LIGHT	FOR INTERNAL USE ONLY
	REVIEWED BY:           ■         I.
	2 3
SECONDARY MASTER GARAGE	4.            5.            6.
NOTES	■ PLAN:
I. MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS ARE SHOWN FOR INTENT ONLY. THESE SYSTEMS SHALL BE	240.2539-R
I. MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS ARE SHOWN FOR INTENT ONLY. THESE SYSTEMS SHALL BE ENGINEERED BY OTHERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND	240.2337·K
PLACEMENT. ALL HEIGHTS SHOWN ARE TO CENTERLINE OF FIXTURE.	SHEET:
	••• 5.4
2. MKOVIDE SMITCH, LIGHT, I2OV (AFCI & TR) DUPLEX RECEPTACLE, & FUEL GAS STUB OR 22OV RECEPTACLE	
RECEPTACLE, & FUEL GÀS STUB OR 2207 RECEPTACLE IN ATTIC FOR F.A.J PER COMMUNITY SPECIFICATIONS.	
	SPEC. LEVEL 1
<ol> <li>SMOKE DETECTORS IN ROOMS WITH VOLUME CEILING TO BE LOCATED AT HIGHEST POINT OF CEILING</li> </ol>	
<ol> <li>SMOKE DETECTORS IN ROOMS WITH VOLUME CEILING TO BE LOCATED AT HIGHEST POINT OF CEILING</li> <li>20 FOOT #4 REBAR FOR UFER GROUND AND ADDITIONAL COLD WATER GROUND. REFER TO SLAB INTERFACE PLAN FOR LOCATION.</li> </ol>	SPEC. LEVEL 1 RALEIGH-DURHA
<ol> <li>SMOKE DETECTORS IN ROOMS WITH VOLUME CEILING TO BE LOCATED AT HIGHEST POINT OF CEILING</li> </ol>	

hese





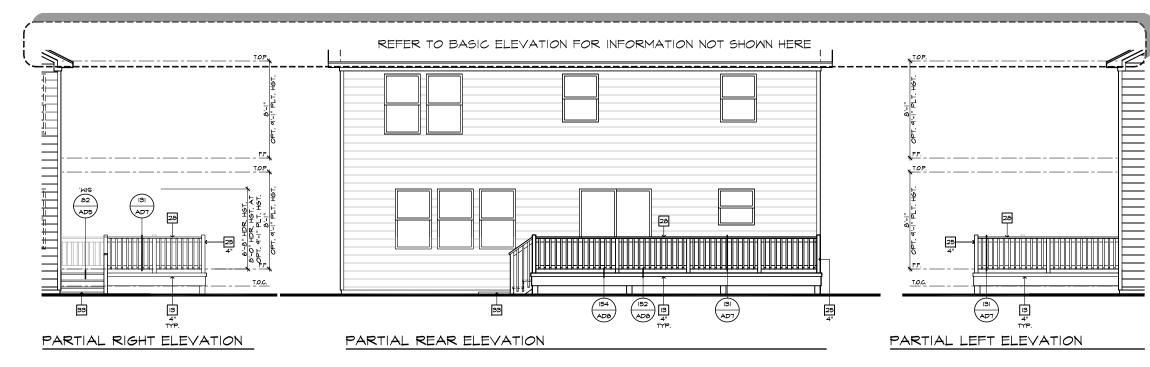
PARTIAL CRAWL SPACE PLAN

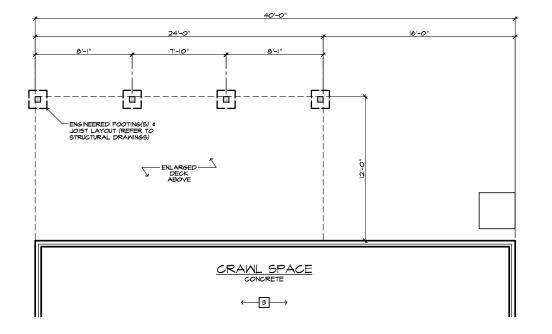


#### PARTIAL FIRST FLOOR PLAN

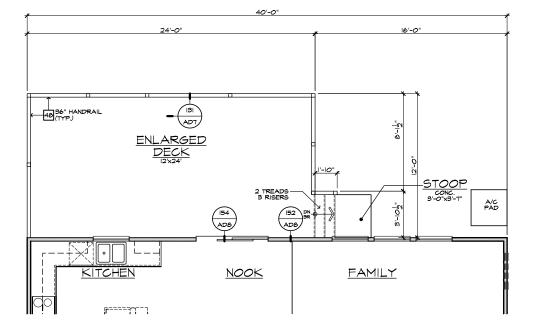
DECK AT CRAML SPACE SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

<b>ELEVATION NOTES</b>	209 KG-R
NOTE: NOT ALL KEY NOTES APPLY.	
2. 2X FASCIA/BARGE BOARD WITH FASCIA C/ 3. G.I. FLASHING	Ŷ   <b>  ] _ ] _  </b>
4. G.I. FLASHING & SADDLE/CRICKET	
5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY	
7. DECORATIVE VENT 8. DECORATIVE CORBEL	
9. DECORATIVE SHUTTERS	
IO. PEDIMENT. SEE ELEVATION FOR TYPE II. RECESSED ELEMENT	∣. <b>└───</b> ┛®,
12. DECORATIVE TRIM FYPON OR EQ. SEE ELEV 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE	ATION FOR TYPE
14. EXTERIOR FIBER CEMENT PANEL (BEADED C	
15. PRE-MANUFACTURED DECORATIVE COLUMN FYPON OR EQ. SURROUNDING STRUCTURAL F	
16. SITE-BUILT COLUMN - SEE ELEVATION FOR 17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEI	E SPECS
18. STONE VENEER PER SPECS 19. BRICK/MAGONRY 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	
26. PRE-FAB DECORATIVE TRIM	NORTH CAROLINA
27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.)	40' SERIES
29. FIBER-CEMENT SMOOTH BOARD SEE SPECS 30. DECORATIVE WINDOW/DOOR TRIM - FYPON	
ELEVATION FOR SIZE. 31. BRACKET OR KICKER - FYPHON OR EQ.	NORTH CAROLINA DIVISION
32. ENTRY DOOR	a a
33. CONCRETE STOOP/ PORCH - SEE SLAB INTE 34. SECTIONAL GARAGE DOOR PER SPECS	RFACE PLAN. 4506 S. MIAMI BLVD. SUITE 180
35. ALUMINUM WRAP 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN	DURHAM, NC 27703
37. OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7980 ■ FAX: (919) 544-2928
38. KEYSTONE 39. SOLDIER CROWN	
40. JACK SOLDIER COURSE 41. WATER TABLE	
42. ATRIUM DOOR	
43. PILASTER - SEE ELEVATION FOR TYPE           #         PARTIAL PLAN NOTE:	s 2018 NORTH
NOTE, NOT ALL KEY NOTES APPLY	CADOLINIA STATE
PLATFORM - FOR INTERIOR LOCATION - PR DRAIN. (REFER TO DETAILS)	
	RESSURE RELIEF BUILDING
	CODES
46. MIN. 36" HIGH GUARDRAIL (REFER TO DETA 50. A/C PAD LOCATION 51. LOW WALL - REFER TO PLAN FOR HEIGHT	
52. 2x6 STUD WALL 54. DBL. 2x4 WALL PER PLAN	
55. INTERIOR SHELF - REFER TO PLAN FOR HEI 57. FLAT SOFFIT 58. ARCHED SOFFIT	
60. OPT. DOOR/ WINDOW 61. PRE-MANUFACTURED DECORATIVE COLUMN	(SIZE, SEE ELEV.)
FYPON OR EQ. SURROUNDING STRUCTURAL F 62. BRICK / STONE VENEER - REFER TO ELEVA 63. SECTIONAL GARAGE DOOR PER SPECS	
66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD MIN, 12" EMBEDMENT INTO CONCRETE.	
(NOT REQUIRED AT ELECTRIC WATER HEATE APPLIANCES LOCATED OUT OF THE VEHICLI TRAVEL PATH).	
68. P.T. POST W WRAP. 70. EGRESS WINDOW	ISSUE DATE: 03/24/21 • PROJECT No.: 1350999:56
BEYOND WINDOW(S) ON ALL SIDES U.N.O. 76. SITE-BUILT COLUMN - SEE ELEVATION FOR	NG TO EXTEND 6" PROJECT No.: 1350999:56 TYPE DIVISION MGR.: DS
17. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SIZE.	SEE PLAN FOR REVISIONS: 12/17/21
	DIVISION REVISION
<b>FOUNDATION PLAN NO</b>	TES 200 NG.R P 2 ATTIC ACESS NC21062CNP / 11/19/21 / KBA P
I. CONCRETE PATIO/PORCH SLAB PER STRUC I/4" PER FT. MIN.	TURAL- SLOPE
2. CONCRETE GARAGE SLAB PER STRUCTURAL I'-O" MIN. TOWARD DOOR OPENING.	SLOPE I/8" PER.
3. FOUNDATION PER STRUCTURAL.	
<ol> <li>STAIR LANDING: 36"x36" MIN.</li> <li>CONCRETE DRIVEWAY SLOPE I/4" PER FT. N FROM GARAGE DOOR OPENING.</li> </ol>	
6. PROVIDE UNDER FLOOR VENTILATION	
7. 4" TOE KICK FOR MASONRY VENEER.	• •
<ol> <li>3" DIAMETER CONCRETE FILLED PIPE BOLL WITH MIN, 12" EMBEDMENT INTO CONCRETE.</li> </ol>	ARD 36" HIGH
9. REFER TO CIVIL DRAWINGS FOR ALL FINISH	SURFACE
ELEVATIONS. IO. VERIFY LOCATION OF PIER FOOTINGS PER	
STRUCTURAL II. 4" MIN. 7 3/4" MAX. TO HARD SURFACE.	B
12. A/C PAD. VERIFY LOCATION. 13. CRAWL SPACE ACCESS	6
14. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MI	
NOTE:	240.2539-R
THE CRAML SPACE IS TO BE CONDITIONED PER R409.	SHEET:
THE CRAWL SPACE VAPOR RETARDER (BARRIE NC-R SECTION R409.2.	
NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATIC SHOWN HERE	SPEC. LEVEL 1
NOTE: REFER TO BASIC FLOOR FLAN FOR INFORMATIC SHOWN HERE	RALEIGH-DURHAM
	40' SERIES





PARTIAL CRAWL SPACE PLAN

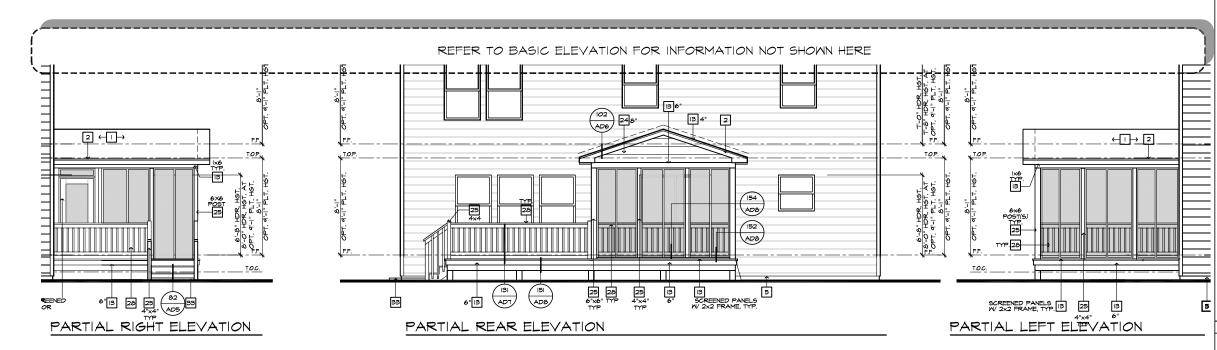


#### PARTIAL FIRST FLOOR PLAN

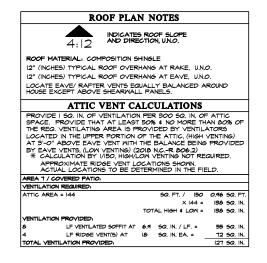
#### EXTENDED ENLARGED DECK AT CRAWL SPACE

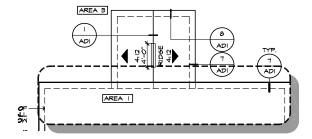
SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

# ELEVATION NOTES	
NOTE: NOT ALL KEY NOTES APPLY.	
I. 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	
<ol> <li>24"x24" CHIMNEY</li> <li>DECORATIVE VENT</li> </ol>	HOME
8. DECORATIVE CORBEL 9. DECORATIVE SHUTTERS	
IO. PEDIMENT. SEE ELEVATION FOR TYPE	∣. <b>∟</b> ∎.
II.         RECESSED ELEMENT           12.         DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	-
<ol> <li>TRIM PER SPEC- SEE ELEVATION FOR SIZE</li> <li>EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)</li> </ol>	
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 18. STONE VENEER PER SPECS	
19. BRICK/MASONRY VENEER PER SPECS	MASTER SET
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	NORTH CAROLINA
28. P.T. LUMBER RAILINGS (+36" U.N.O.) 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS	40' SERIES
30. DECORATIVE MINDOWDOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	KB HOME
31. BRACKET OR KICKER - FYPHON OR EQ. 32. ENTRY DOOR	NORTH CAROLINA DIVISION
33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4506 S. MIAMI BLVD.
34. SECTIONAL GARAGE DOOR PER SPECS 35. ALUMINUM WRAP	<ul> <li>SUITE 180</li> <li>DURHAM, NC 27703</li> </ul>
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	B B B B B B 
41. WATER TABLE 42. ATRIUM DOOR	
43. PILASTER - SEE ELEVATION FOR TYPE	2018 NORTH
#         PARTIAL PLAN NOTES           NOTE: NOT ALL KEY NOTES APPLY.         200 NG.R.	CAROLINA STATE
21. WATER HEATER LOCATION: FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO DETAILS) 28. WATER HEATER 'B' VENT TO OUTSIDE AIR	
29. MAIN LINE SHUT-OFF VALVE AND TEMP. # PRESSURE RELIEF	BUILDING
94. LINE OF MALL BELOM 41. LINE OF FLOOR ABOVE 42. LINE OF FLOOR BELOW	CODES
50, A/C PAD LOCATION	
51. LON WALL - 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	
58. ARCHED SOFFIT 60. OPT. DOOR/ WINDOW 61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
EYPON OR EQ. SURROUNDING STRUCTURAL POST. 62. BRICK / STONE VENEER - REFER TO ELEVATIONS	
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: 03/24/21
<ol> <li>MINDOW LEDGE. HEIGHT &amp; WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.</li> <li>SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE</li> </ol>	PROJECT No.: 1350999:56 DIVISION MGR.: DS
77. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE.	REVISIONS: 12/17/21
	DIVISION REVISION
#         FOUNDATION PLAN NOTES           NOTE: NOT ALL KEY NOTES APPLY.         200 NG-R	B 2 ATTIC ACESS NC21062CNP / 11/19/21 / KBA B
I. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.	ADD DECK OPTION
2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. I'-0" MIN. TOWARD DOOR OPENING.	
3. FOUNDATION PER STRUCTURAL. 4. STAIR LANDING: 36"x36" MIN.	B #
5. CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.	• •
6. PROVIDE UNDER FLOOR VENTILATION	
7. 4" TOE KICK FOR MAGONRY VENEER. 8. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH	8
WITH MIN. 12" EMBEDMENT INTO CONCRETE.	PP
<ol> <li>REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.</li> </ol>	FOR INTERNAL USE ONLY REVIEWED BY:
IO. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL	R I RRRR
<ol> <li>4" MIN. 7 3/4" MAX. TO HARD SURFACE.</li> <li>A/C PAD. VERIFY LOCATION.</li> </ol>	
13. CRAWL SPACE ACCESS 14. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.	PLAN:
	240.2539-R
NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION	
R409. THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R409.2.	SHEET:
NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT	
SHOWN HERE	SPEC. LEVEL 1
NOTE: REFER TO BASIC FLOOR FLAN FOR INFORMATION NOT SHOWN HERE	RALEIGH-DURHAM
	40' SERIES
	TV SERIES



3'-11"





PARTIAL CRAWL SPACE PLAN

12'-0"

PAD FOOTING PER STRUCTURAL

6'-0'

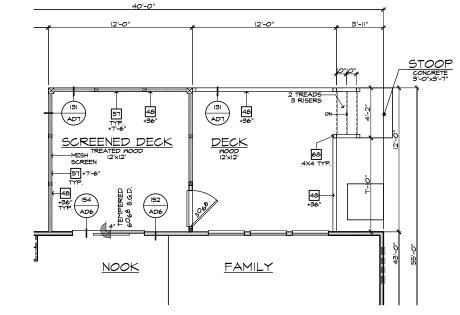
24'-0"

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12'-0"

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6'-0'



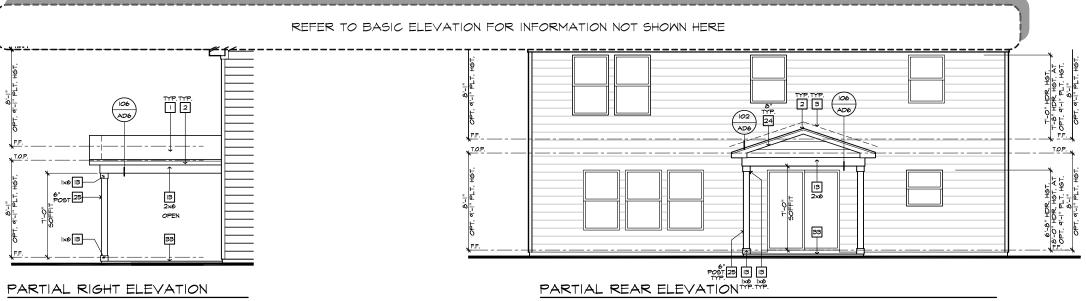
\_\_\_\_\_ PARTIAL

<u>|2'-|"</u>

PARTIAL FIRST FLOOR PLAN

PARTIAL ROOF PLAN

ELEVATION NOTES	
NOTE: NOT ALL KEY NOTES APPLY.	
I. ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP	''     '
3. G.I. FLASHING	│·│ <b>ो∕∕⊳</b> │·
4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED	
6. 24"x24" CHIMNEY	
7. DECORATIVE VENT 8. DECORATIVE CORBEL	. HOME .
9. DECORATIVE SHUTTERS 10. PEDIMENT. SEE ELEVATION FOR TYPE	-
II. RECESSED ELEMENT	0,
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)	
<ol> <li>PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.</li> </ol>	
<ol> <li>SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE</li> <li>FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS</li> </ol>	
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	NORTH CAROLINA
28. P.T. LUMBER RAILINGS (+36" U.N.O.) 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS	40' SERIES
30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE	
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	SUITE 180
35. ALUMINUM WRAP 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703
37. OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7980 ■ FAX: (919) 544-2928
38. KEYSTONE 39. SOLDIER CROWN	FAX: (919) 544-2928
40. JACK SOLDIER COURSE	
41. WATER TABLE 42. ATRIUM DOOR	
43. PILASTER - SEE ELEVATION FOR TYPE	2018 NORTH
#         PARTIAL PLAN NOTES           NOTE: NOT ALL KEY NOTES APPLY.         200 MG-R	
21. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN, (REFER TO DETAILS) 28. WATER HEATER 'B' VENT TO OUTSIDE AIR	CAROLINA STATE
DRAIN. (REFER TO DETAILS) 28. WATER HEATER 'B' VENT TO OUTSIDE AIR 29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	BUILDING
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. AND FAD LOCATION	CODES
51. LOW WALL - 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 58. 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 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: 03/25/21
75 WINDOW LEDGE HEIGHT & WIDTH OF OPENING TO EXTEND 6"	PROJECT No.: 1350999:56
5 BEYOND MINDOWS) ON ALL SIDES UNO. 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 17. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR	DIVISION MGR.: DS REVISIONS: 12/17/21
<b>#</b> FOUNDATION PLAN NOTES	
NOTE: NOT ALL KEY NOTES APPLY. I. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE	■ 1 DIVISION REVISION NC21051CNP / 08/16/21 / KBA
I/4" PER FT. MIN.	ATTIC ACESS 2 NC21062CNP / 11/19/21 / KBA
<ol> <li>CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/6" PER. I'-0" MIN. TOWARD DOOR OPENING.</li> <li>CONDATION DER STRUCTURAL.</li> </ol>	
<ol> <li>FOUNDATION PER STRUCTURAL.</li> <li>STAIR LANDING: 36"x36" MIN.</li> </ol>	ADD DECK OPTION NC21056NCP - 12/17/21 - CTD
<ol> <li>CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.</li> </ol>	
6. PROVIDE UNDER FLOOR VENTILATION	B   B
7. 4" TOE KICK FOR MASONRY VENEER.	
<ol> <li>3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.</li> </ol>	
9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.	
IO. VERIFY LOCATION OF PIER FOOTINGS PER	-
STRUCTURAL II. 4" MIN. 7 3/4" MAX. TO HARD SURFACE.	FOR INTERNAL USE ONLY REVIEWED BY:
12. A/C PAD. VERIFY LOCATION. 13. CRAWL SPACE ACCESS	P L P
14. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.	2 3 4
	5 <b>B</b>
	PLAN:
Note	240.2539
NOTE: RE 2004/CR THE CRAML SPACE IS TO BE CONDITIONED PER NC-R SECTION	
R409. THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER	SHEET:
NC-R SECTION R409.2.	••• 7.3
NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT	
SHOWN HERE	SPEC. LEVEL 1
NOTE: REFER TO BASIC FLOOR FLAN FOR INFORMATION NOT SHOWN HERE	RALEIGH-DURHAM
SHOWN HERE	
	40' SERIES





**ROOF PLAN NOTES** 

PROVIDE ISO, IN, OF VENTILATION PER 300 50, IN, OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATION FAR LAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATION FAR LAST 50% & NO MORE THAN 80% OF 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) (DO NC.-R 8062) \* CALCULATION BY VISO, HIGHLON VENTING NOT REQUIRED.

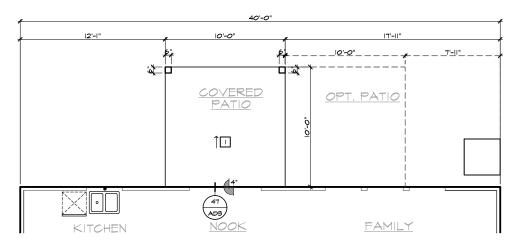
SQ. FT. / ISO 0.67 SQ. FT.

ROOF MATERIAL: COMPOSITION SHINGLE 12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O.

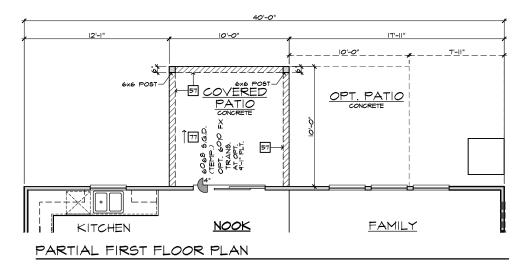
12" (INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O. LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS. ATTIC VENT CALCULATIONS

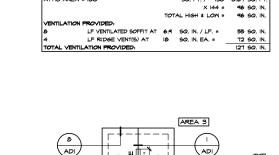
INDICATES ROOF SLOPE AND DIRECTION, U.N.O.

4:12



#### PARTIAL SLAB INTERFACE PLAN





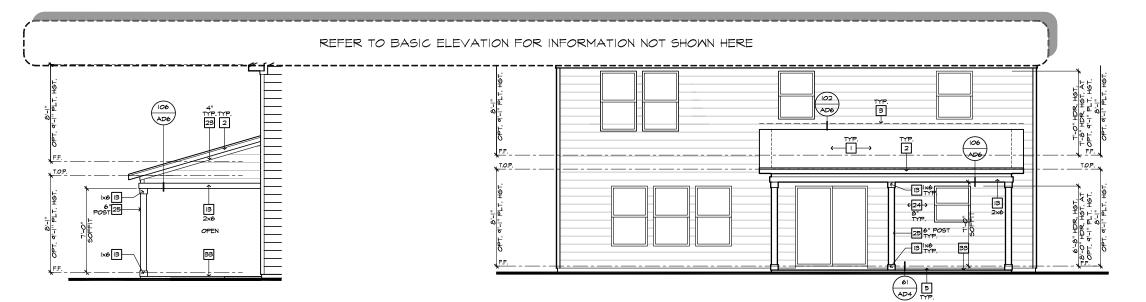
\* CALCULATION BY 1/150, HIGHLOW VENTING NOT REQUIRI APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. AREA 5/ COVERED PATIO VENTILATION REQUIRED: ATTIC AREA = ICO 50, FT. / ISO 06'





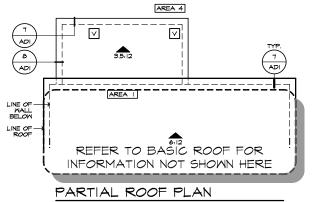
COVERED PATIO AT SLAB ON GRADE

# ELEVATION NOTES	
NOTE: NOT ALL KEY NOTES APPLY. I. ROOF MATERIAL - REFER TO ROOF NOTES	в
2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP 3. G.I. FLASHING	
4. G.I. FLASHING & SADDLE/CRICKET	. <b>KD</b> I.
<ol> <li>G.I. DRIP SCREED</li> <li>24"x24" CHIMNEY</li> </ol>	▏▖▎▁▆▝▆▆▆▆▁▁▎▖
7. DECORATIVE VENT 8. DECORATIVE CORBEL	
9. DECORATIVE SHUTTERS	·   ·····   ·
IO. PEDIMENT. SEE ELEVATION FOR TYPE II. RECESSED ELEMENT	│. └──── <b>─</b> 0°,
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)	P P P P P P
<ol> <li>PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.</li> </ol>	
<ol> <li>SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE</li> <li>FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS</li> </ol>	Harnett
18. STONE VENEER PER SPECS 19. BRICK/MASONRY VENEER PER SPECS	COUNTY NORTH CAROLINA
20. BUILT UP BRICK COLUMN	B B - MASTER SET - B B
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
29. FIBER-CEMENT SMOOTH BOARD SEE SPECS 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE	
<ol> <li>BC.ORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.</li> <li>BRACKET OR KICKER - FYPHON OR EQ.</li> </ol>	KB HOME NORTH CAROLINA DIVISION
32. ENTRY DOOR	
33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS	4506 S. MIAMI BLVD.
35. ALUMINUM WRAP 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703
37. OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7980 ■ FAX: (919) 544-2928
38. KEYSTONE 39. SOLDIER CROWN	FAX: (919) 544-2928
40. JACK SOLDIER COURSE 41. WATER TABLE	
42. ATRIUM DOOR	
43. PILASTER - SEE ELEVATION FOR TYPE	2018 NORTH
NOTE, NOT ALL KEY NOTES APPLY	<b>CAROLINA STATE</b>
PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO DETAILS)	
28. WATER HEATER 'B' VENT TO OUTSIDE AIR 29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE	BUILDING
34. LINE OF WALL BELOW 41. LINE OF FLOOR ABOVE 42. LINE OF FLOOR BELOW 43. Ge Hidh glardrall (REFER TO DETAIL SHEETS)	CODES
42. HINS OF TLOOR BELOM 43. MIN: 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) 50. A/C PAD LOCATION 51. LOW 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 58. ARCHED SOFFIT	
60. OPT. DOOR/ WINDOW	
FRETHING ACTIVE DECONTRATIVE COLORING SELECTION FYPON OR EQ. SURROUNDING STRUCTURAL POST. 62. BRICK / STONE VENEER - REFER TO ELEVATIONS 63. SECTIONAL GRAGE DOOR PER SPECS	
62. BKICK / SICNE VENERK - KEFEK 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 MATER HEATERS OR FOR	
(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: 03/24/21
<ol> <li>WINDOW LEDGE. HEIGHT &amp; WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(S) ON ALL SIDES U.N.O.</li> <li>SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE</li> <li>CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR</li> </ol>	PROJECT No.: 1350999:56 DIVISION MGR.: DS
SIZE	■ REVISIONS: 12/17/21
#         SLAB PLAN NOTES           NOTE: NOT ALL KEY NOTES APPLY.         200 NG-R	<b>DIVISION REVISION</b>
NOTE: NOT ALL NET NOTES AFFLT. I. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE	■ <u>1</u> NC21051CNP / 04/16/21 / KBA ■
<ol> <li>I/4" PER FT. MIN.</li> <li>CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/8" PER.</li> </ol>	ATTIC ACESS 2 NC21062CNP / 11/19/21 / KBA
I'-O" MIN. TOWARD DOOR OPENING. 3. CONCRETE FOUNDATION PER STRUCTURAL.	ADD DECK OPTION
4. CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.	■ <u>3</u> NC21056NCP · 12/17/21 · CTD
<ol> <li>CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.</li> </ol>	, n , n
<ol> <li>PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.</li> </ol>	-
<ol> <li>5" BRICK LEDGE FOR MAGONRY VENEER.</li> <li>3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH</li> </ol>	- •
NITH MIN. 12" EMBEDMENT INTO CONCRETE. 9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE	B B
ELEVATIONS.	-
<ul> <li>IO, VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO FOUR OF SLAB.</li> <li>II. 4" MIN, &amp; I/4" MAX, TO HARD SURFACE.</li> </ul>	FOR INTERNAL USE ONLY REVIEWED BY:
12. A/C PAD. VERIFY LOCATION.	
13. 36" MIDE WALKWAY- SLOPE 1/4" PER FT. MIN.	B
	5 6
	PLAN:
	240.2539-R
	SHEET:
NOTE: REFER TO BASIC ROOF FLAN FOR INFORMATION NOT	8.1
SHOWN HERE	
NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE	SPEC. LEVEL 1
NOTE: REFER TO BASIC FLOOR FLAN FOR INFORMATION NOT SHOWN HERE	RALEIGH-DURHAM
NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT	40' SERIES
SHOWN HERE	



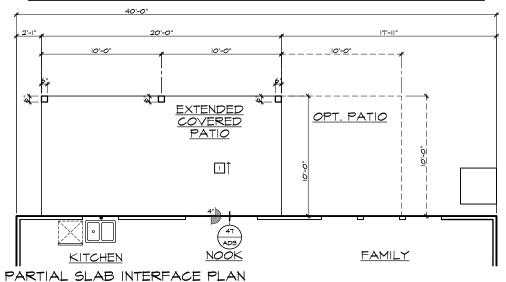
#### PARTIAL RIGHT ELEVATION

ROOF P	LAN NO	TES	
	ATES ROOF		
ROOF MATERIAL: COMPOSITIO	N SHINGLE		
12" (INCHES) TYPICAL ROOF O	/ERHANG A	AT RAKE, U.N.	<b>2</b> .
12" (INCHES) TYPICAL ROOF O	VERHANG A	AT EAVE, U.N.C	<b>7</b> .
LOCATE EAVE/ RAFTER VENTS HOUSE EXCEPT ABOVE SHEAR			ROUND
ATTIC VENT	CALCU	LATIONS	
SPACE PROVIDE THAT AT LE THE REQ. VENTILATING AREA LOCATED IN THE UPPER PORTI AT 3°-0° ABOVE EAVE VENT BY EAVE VENTS, (LOW VENTIN BY EAVE VENTS, (LOW VENTIN & CALCULATION BY 1/150, HI APPROXIMATE RUGE VEN ACTUAL LOCATIONS TO BI	S PROVIDE ON OF THE BITH THE BA S) (2018 N.C SH/LOW VE T LOCATIO E DETERMIN	ED BY VENTIL/ ATTIC, (HIGH ALANCE BEING CR 806.2) NTING NOT REA NS SHOWN.	ATORS VENTING) PROVIDED QUIRED.
AREA 4/ EXTENDED COVERED PATI- VENTILATION REQUIRED:	>		
ATTIC AREA = 240		50. FT. / 150	1.60 SQ. FT
			250 50. IN.
	TOTAL	HIGH & LOW =	230 SQ. IN.
VENTILATION PROVIDED:			
20 LF VENTILATED SOFFIT			
2 ROOF VENT(S) AT	50 0	Q. IN. EA. =	
TOTAL VENTILATION PROVIDED:		-	100 SQ. IN. 258 SQ. IN.

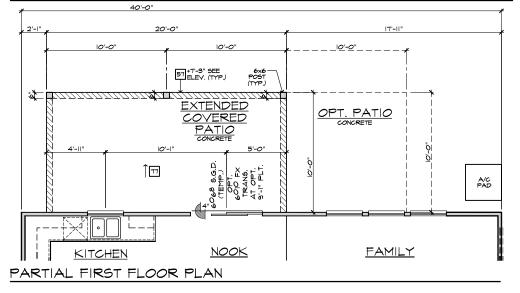


EXTENDED COVERED PATIO AT SLAB ON GRADE

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

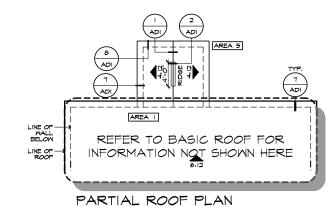


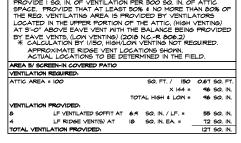
PARTIAL REAR ELEVATION



# ELEVATION NOTES	<b>, , , , , , , , , , , , , , , , , , , </b>
NOTE: NOT ALL KEY NOTES APPLY.	
I. 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	
6. 24"x24" CHIMNEY	
7. DECORATIVE VENT	
8. DECORATIVE CORBEL	I HVME I
9. DECORATIVE SHUTTERS	
IO. PEDIMENT. SEE ELEVATION FOR TYPE	
<ol> <li>RECESSED ELEMENT</li> <li>DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE</li> </ol>	
12. 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	
<ul><li>17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS</li><li>18. STONE VENEER PER SPECS</li></ul>	H CHAINER
19. BRICK/MASONRY VENEER PER SPECS	KORTH CARDUINA
H. BRORT CONNECTEDER SEES	MASTER SET
20. BUILT UP BRICK COLUMN	01/26/2022
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	
25. P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM	
27. LIGHT WEIGHT PRECAST STONE TRIM	NORTH CAROLINA
28. 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	
ELEVATION FOR SIZE.	KB HOME NORTH CAROLINA DIVISION
31. BRACKET OR KICKER – FYPHON OR EQ. 32. ENTRY DOOR	B
32. ENTRY DOOR 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4506 S. MIAMI BLVD.
34. SECTIONAL GARAGE DOOR PER SPECS	■ SUITE 180
35. ALUMINUM WRAP	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	
43. PILASTER - SEE ELEVATION FOR TYPE	JAIN NODTH
PARTIAL PLAN NOTES	2018 NORTH
NOTE, NOT ALL KEY NOTES APPLY	CAROLINA STATI
27. WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH	CAROLINA SIATI
21. WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN, (REFER TO DETAILS) 28. WATER HEATER 'B' VENT TO OUTSIDE AIR	
28, WATER HEATER 'B' VENT TO OUTSIDE AIR 29, MAIN LINE SHUT-OFF VALVE AND TEMP, & PRESSURE RELIEF	BUILDING
VALVE 39. LINE OF WALL BELOW	
41. LINE OF FLOOR ABOVE 42. LINE OF FLOOR BELOW 43. MIN, 36° HIGH GUARDRAIL (REFER TO DETAIL SHEETS) 50. AVC MAD LOCATION	CODES
48. MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)	
51. LOW WALL - 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	
58, ARCHED SOFFIT 60, OPT. DOOR/ WINDOW	
6. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
62. BRICK / STONE VENEER - REFER TO ELEVATIONS 63. SECTIONAL GARAGE DOOR PER SPECS	
63. SECTIONAL GARAGE DOOR PER SPECS 66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH	
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. PT. POST W/ WRAP	
68. P.T. POST W/ WRAP. 70. EGRESS WINDOW	ISSUE DATE: 03/24/21
68. P.T. POST W/ WRAP. 70. EGRESS WINDOW 75. WINDOW LEDGE HEIGHT & WIDTH OF OPENING TO EXTEND 6".	PROJECT No.: 1350999:56
68. P.T. POST W. WRAP. 70. EXPRESS MINDOW 15. MINDOW LEDGE. HEIGHT & MIDTH OF OPENING TO EXTEND 6" BETORD MINDOW(S) ON ALL SIDES UNO. 76. SITE-BULT COLUMN - SEE LEVATION FOR TYPE 71. CONCRETE SLAP. SLOPE 1/4" (PER FT. MIN. SEE PLAN FOR	PROJECT No.: 1350999:56 DIVISION MGR.: DS
68, P.T. POST W WRAP. TO. EGRESS MINDOW 15. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" DEYCOND MINDOW(S) ON ALL SIDES U.N.O. 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	PROJECT No.: 1350999:56
66, P.T. POST W, WRAP. 70. ERPESS WINDOW 15. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES UNO. 76. SITE-BULT COLUMN - SEE ELEVATION FOR TYPE TT. CONCRETE SLAP. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 DIVISION REVISION
66, P.T. POST W, WRAP. 70. ERPESS WINDOW 15. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES UNO. 76. SITE-BULT COLUMN - SEE ELEVATION FOR TYPE TT. CONCRETE SLAP. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR	PROJECT No.:         1350999:56           DIVISION MGR.:         DS           REVISIONS:         12/17/21
	■ PROJECT No.: 1350999:56           DIVISION MGR.:         DS           ■ EVISIONS:         12/17/21           ■ 1         DIVISION REVISION NC2005ICNP / 04/16/21 / KBA           △ ATTIC ACESS
68. P.T. POST W. WRAP. 70. ERPESS MINDOM 15. MINDOW LEDGE. HEIGHT & MIDTH OF OPENING TO EXTEND 6" EEYOND WINDOWS) ON ALL SIDES U.N.O. 76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE TT. CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE	■ PROJECT No.: 1350999:56           DIVISION MGR.: DS           ■ REVISIONS: 12/17/21           ■
	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     1     OIVISION REVISION     1     NC2005ICNP / 00/0621 / KBA     2     ATTIC ACESS     ADD DECK OPTION
66. P.T. POST W. WRAP.     70. EGREGS MINDOW     17. ONLEDGE. MINDOW LEDGE. MINDOW LEDGE. MINDOW LEDGE. WINDOW LEDGE. WIND WILL SIDES UND.     5. STIE-DUILT COLUMN SEE ELEVATION FOR TYPE     71. CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR     51/2      **     SLAB PLAN NOTES     MOTEL NOT ALL KEY NOTES APPLY.     1. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE     1/4" PER FT. MIN.	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 <u>1</u> DIVISION REVISION <u>1</u> DIVISION REVISION <u>2</u> ATTIC ACESS NC20062CNP / 11/19/21 / KBA
66. P.T. POST W. WRAP.     10. EGRES MINDOW     15. ONLEDGE. WINDOW LEDGE. WINDOW LEDGE. WINDOW     15. ONLEDGE. WINDOW LEDGE. WINDOW     15. ONLEDGE. WINDOW LEDGE. WINDOW     15. ONLEDGE. WINDOW     15. ONLEGE. PATIO/PORCH SLAB PER STRUCTURAL- SLOPE     1/4* PER FT. MIN.	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     1     OIVISION REVISION     1     NC2005ICNP / 00/0621 / KBA     2     ATTIC ACESS     ADD DECK OPTION
	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     1     OIVISION REVISION     1     NC2005ICNP / 00/0621 / KBA     2     ATTIC ACESS     ADD DECK OPTION
	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21
	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21
	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21
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	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21
	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21
	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21
	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     1    DIVISION REVISION     2    ATTIC ACESS     ACLOSENCP / U/19/21 / KBA     3    ADD DBCK OPTION     3    ACLOSENCP / U/19/21 . CTD
	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     1
	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     1     NC2051CNP / 00/6/21 / KBA     2     ATTIC ACESS     ATTIC ACESS     ACTOC ACESS     ACTOC ACESS     ADD DECK OPTION     ADD DECK OPTION     FOR INTERNAL USE ONLY     REVIEWED BY:     L     L     L     L     L     S.     L
	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     101/15/01 REVISION     2016/21 / KBA
66. P.T. POST W. WRAP.     70. EGREGS MINDOW     71. PUTCH TO EGREGS MINDOW     71. MINDOW LEDGE, ELIGHT & WIDTH OF OPENING TO EXTEND 6"     71. MINDOW LEDGE, ELIGHT & WIDTH OF OPENING TO EXTEND 6"     71. MINDOW LEDGE, WELO ON ALL SIDES UNC.     51. STE-DUIT COLUMN - SEE ELEVATION FOR TYPE     71. CONCRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR     51. SLAB PLAN NOTES     72. MINDOW LEDGE, SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR     72. MONCRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR     72. MINDOW LEDGE, SLAB PER STRUCTURAL - SLOPE     1/4" PER FT. MIN.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL - SLOPE I/8" PER.     1/-0" MIN. TOWARD DOOR OPENING.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SLAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SLAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR FT. MIN.     70. CONCRETE FOR FT. MIN.     70. CONCRETE FOR SLAB PER STRUCTURAL.     70. CONCRETE FOR FT. MIN.     70. CONCRETE FOR FT. MIN.     70. CONCRETE FOR PER STRUCTURAL.     70. S' 19. MIND SLOPE I/4" PER FT. MIN. AVAY     71. S' 19. RICK LEDGE FOR MASONRY VENEER.     71. S' 19. RICK LEDGE FOR MASONRY VENEER.     72. S' 10. MIND SUBSER FOR ALL FINISH SURFACE     72. RICK TO CONC OF SLAB.     74. MIN. 8 1/4" MAX. TO HARD SURFACE.     72. AVER PLACE MAX.     70. HARD SURFACE.     72. AVER PLACATION.	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     1     OVISION REVISION     12/17/21     OVISION REVISION     ACLOSCIC / 0/06/21 / KBA     OVIS/01/01/01/01/01/01/01/01/01/01/01/01/01/
	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     DIVISION REVISION     ATTIC ACESS     ACTIC ACESS     ACTIC ACESS     ACTIC ACESS     ADD DECK OPTION     ADD DECK OPTION     FOR INTERNAL USE ONLY     REVIEWED BY.     L     A.     S.
66. P.T. POST W. WRAP.     70. EGREGS MINDOW     71. PUTCH TO EGREGS MINDOW     71. MINDOW LEDGE, ELIGHT & WIDTH OF OPENING TO EXTEND 6"     71. MINDOW LEDGE, ELIGHT & WIDTH OF OPENING TO EXTEND 6"     71. MINDOW LEDGE, WELO ON ALL SIDES UNC.     51. STE-DUIT COLUMN - SEE ELEVATION FOR TYPE     71. CONCRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR     51. SLAB PLAN NOTES     72. MINDOW LEDGE, SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR     72. MONCRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR     72. MINDOW LEDGE, SLAB PER STRUCTURAL - SLOPE     1/4" PER FT. MIN.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL - SLOPE I/8" PER.     1/-0" MIN. TOWARD DOOR OPENING.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SLAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SLAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR FT. MIN.     70. CONCRETE FOR FT. MIN.     70. CONCRETE FOR SLAB PER STRUCTURAL.     70. CONCRETE FOR FT. MIN.     70. CONCRETE FOR FT. MIN.     70. CONCRETE FOR PER STRUCTURAL.     70. S' 19. MIND SLOPE I/4" PER FT. MIN. AVAY     71. S' 19. RICK LEDGE FOR MASONRY VENEER.     71. S' 19. RICK LEDGE FOR MASONRY VENEER.     72. S' 10. MIND SUBSER FOR ALL FINISH SURFACE     72. RICK TO CONC OF SLAB.     74. MIN. 8 1/4" MAX. TO HARD SURFACE.     72. AVER PLACE MAX.     70. HARD SURFACE.     72. AVER PLACATION.	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     1     NOZUOSCNP / 00/6/21 / KBA     2     ATTIC ACES     ATTIC ACES     ACEU     ATTIC ACES     NOZUOSCNP / 11/19/21 / KBA     ADD DBCK OPTION     ADD DBCK OPTION     C     ADD DBCK OPTION     C     ADD DBCK OPTION     C     ADD DBCK OPTION     AD
66. P.T. POST W. WRAP.     70. EGREGS MINDOW     71. PUTCH TO EGREGS MINDOW     71. MINDOW LEDGE, ELIGHT & WIDTH OF OPENING TO EXTEND 6"     71. MINDOW LEDGE, ELIGHT & WIDTH OF OPENING TO EXTEND 6"     71. MINDOW LEDGE, WELO ON ALL SIDES UNC.     51. STE-DUIT COLUMN - SEE ELEVATION FOR TYPE     71. CONCRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR     51. SLAB PLAN NOTES     72. MINDOW LEDGE, SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR     72. MONCRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR     72. MINDOW LEDGE, SLAB PER STRUCTURAL - SLOPE     1/4" PER FT. MIN.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL - SLOPE I/8" PER.     1/-0" MIN. TOWARD DOOR OPENING.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SLAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SLAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR FT. MIN.     70. CONCRETE FOR FT. MIN.     70. CONCRETE FOR SLAB PER STRUCTURAL.     70. CONCRETE FOR FT. MIN.     70. CONCRETE FOR FT. MIN.     70. CONCRETE FOR PER STRUCTURAL.     70. S' 19. MIND SLOPE I/4" PER FT. MIN. AVAY     71. S' 19. RICK LEDGE FOR MASONRY VENEER.     71. S' 19. RICK LEDGE FOR MASONRY VENEER.     72. S' 10. MIND SUBSER FOR ALL FINISH SURFACE     72. RICK TO CONC OF SLAB.     74. MIN. 8 1/4" MAX. TO HARD SURFACE.     72. AVER PLACE MAX.     70. HARD SURFACE.     72. AVER PLACATION.	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     11 NC2050N FEVISION     ATTIC ACESS     ATTIC ACESS     ACESS     ACESS     ACESS ADD DECK OPTION     ADD DECK OPTION     ADD DECK OPTION     COMMENSAL USE ONLY     L     L     C
66. P.T. POST W. WRAP.     70. EGREGS MINDOW     71. PUTCH TO EGREGS MINDOW     71. MINDOW LEDGE, ELIGHT & WIDTH OF OPENING TO EXTEND 6"     71. MINDOW LEDGE, ELIGHT & WIDTH OF OPENING TO EXTEND 6"     71. MINDOW LEDGE, WELO ON ALL SIDES UNC.     51. STE-DUIT COLUMN - SEE ELEVATION FOR TYPE     71. CONCRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR     51. SLAB PLAN NOTES     72. MINDOW LEDGE, SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR     72. MONCRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR     72. MINDOW LEDGE, SLAB PER STRUCTURAL - SLOPE     1/4" PER FT. MIN.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL - SLOPE I/8" PER.     1/-0" MIN. TOWARD DOOR OPENING.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SLAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SLAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR/DE SCHAB PER STRUCTURAL.     70. CONCRETE FOR FT. MIN.     70. CONCRETE FOR FT. MIN.     70. CONCRETE FOR SLAB PER STRUCTURAL.     70. CONCRETE FOR FT. MIN.     70. CONCRETE FOR FT. MIN.     70. CONCRETE FOR PER STRUCTURAL.     70. S' 19. MIND SLOPE I/4" PER FT. MIN. AVAY     71. S' 19. RICK LEDGE FOR MASONRY VENEER.     71. S' 19. RICK LEDGE FOR MASONRY VENEER.     72. S' 10. MIND SUBSER FOR ALL FINISH SURFACE     72. RICK TO CONC OF SLAB.     74. MIN. 8 1/4" MAX. TO HARD SURFACE.     72. AVER PLACE MAX.     70. HARD SURFACE.     72. AVER PLACATION.	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS NC2105CNP / 01/19/21 / KBA 3 ADD DECK OPTION 3 ADD DECK OPTION 5 ADD DECK OPTION 1 2 2 2 2 3 4 5 5 4 1 2 2 40.2539-R
	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS ATTIC ACESS ADD DECK OPTION 3 ADD DECK OPTION 1/19/21 / KBA 2 ACCIDESENCE - 12/17/21 - CTD 1 1 1 1 2 2 4 5 6 1 PLAN: 240.2539-R SHEET:
	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS NC2105CNP / 01/19/21 / KBA 3 ADD DECK OPTION 3 ADD DECK OPTION 5 ADD DECK OPTION 1 2 2 2 2 3 4 5 5 4 1 2 2 40.2539-R
	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS ATTIC ACESS ADD DECK OPTION 3 ADD DECK OPTION 1/19/21 / KBA 2 ACCIDESENCE - 12/17/21 - CTD 1 1 1 1 2 2 4 5 6 1 PLAN: 240.2539-R SHEET:
66. P.T. POST W. WRAP.     70. EGREGS NINDOW     15. WINDOW LEDGE. HEIGHT & WINTH OF OPENING TO EXTEND 6"     BETCHU NINDOWS) ON ALL SIDES UNLO.     BETCHU NINDOWS) ON ALL SIDES UNLO.     TO EXAMPLE THE ALL SIDES UNLO.     CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR     SIZE     NOT ALL KEY NOTES APPLY.     CONCRETE SLAB. SLOPE 1/4" PER STRUCTURAL- SLOPE     1/4" PER FT. MIN.     CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/8" PER.     CONCRETE FOUNDATION PER STRUCTURAL- SLOPE 1/8" PER.     1/-0" MIN. TOWARD DORO OPENING.     CONCRETE FOUNDATION PER STRUCTURAL- SLOPE 1/8" PER.     CONCRETE FOUNDATION PER STRUCTURAL- SLOPE 1/8" PER.     CONCRETE FOUNDATION PER STRUCTURAL.     YEINT TO CONCRETE.     PERIOR TO CONCRETE.     PERIOR TO FORM OF SHAB.     HITH MIN. 12' EMBEDMENTINT COCKRETE.     ST DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH     MITH MIN.     YEINT ALL PLUMBING STUB DIMENSIONS SHOWN HERE     FRICK TO FORM OF SLAB.     HERE TO CONCRETE FILLED PIPE BOLLARD SHOWN HERE     FRICK TO FORM OF SLAB.     MIND.     YEINT ALL PLUMBING STUB DIMENSIONS SHOWN HERE     FRICK TO PORE OF SLAB.     MINDE MALKWAY- SLOPE 1/4" PER FT. MIN.      YEINT TO BASIC <u>BOOF FLAN</u> FOR INFORMATION NOT     HERE     YOTE.     KEFFER TO BASIC <u>BOOF FLAN</u> FOR INFORMATION NOT	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 NOZIOSCORP / 04/21 / KBA 2 NATTIC ACESS NG21063CNP / 11/19/21 / KBA 3 ADD DBCK OPTION COMMENSION DEVISION COMMENSION DEVISION COMMENSION DEVISION COMMENSION DEVISION COMMENSION DEVISION COMMENSION
66. P.T. POST W. WRAP.     70. EGRESS NINDOW     TS. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6"     BEYORD WINDOWS) ON ALL SIDES UNLO.     71. ONLY AND AND A SEE ELEVATION FOR TYPE     CONCRETE SLAB. SLOPE 1/4" PER PT. MIN. SEE PLAN FOR     SIZE     NOT ALL KEY NOTES APPLY.     CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE     1/4" PER FT. MIN.     CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE     1/4" PER FT. MIN.     CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE     1/4" PER FT. MIN.     CONCRETE FOUNDATION PER STRUCTURAL- SLOPE     1/4" PER FT. MIN.     CONCRETE FOUNDATION PER STRUCTURAL.     SUBJECT TO CONCRETE.     STRUCTURAL CONCRETE FILLED PIPE BOLLARD 36" HIGH     WITH MIN.     MIT MIN. 3' MAREMENT THY CONCRETE.     SUBJECK LEDGE FOR MASONRY VENEER.     S' DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH     WITH MIN. 3' MAREMENT THY CONCRETE.     REFER TO CIVIL DRAMINGS FOR ALL FINISH SURFACE     ELEVATIONS.     VERIFY ALL PLUBING STUB DIMENSIONS SHOWN HERE     FILOR TO FOUN OF SHOM FOR ALL FINISH SURFACE.     LEVATIONS.     MIDE MALKWAY- SLOPE I/4" PER FT. MIN.     MOTE.     REFER TO BASIC ELEVATIONS FOR INFORMATION NOT	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS ATTIC ACESS ADD DECK OPTION 3 ADD DECK OPTION 1/19/21 / KBA 2 ACCIDESENCE - 12/17/21 - CTD 1 1 1 1 2 2 4 5 6 1 PLAN: 240.2539-R SHEET:
66. P.T. POST W. MRAP.     70. EGREGS MINDOW     17. ENDOWN LEDGE_ BLIGHT & WIDTH OF OPENING TO EXTEND 6"     71. MINDOWN LEDGE_ BLIGHT & WIDTH OF OPENING TO EXTEND 6"     75. MINDOWN LEDGE_WED ON ALL SIDES UNC.     5. STTE-DUIT COLUMN - SEE ELEVATION FOR TYPE     71. CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR     SIZE      ********************************	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS ACTIC ACESS ACTIC ACESS ADD DECK OPTION 3 ADD DECK OPTION 1/19/21 / KBA 4 3 ADD DECK OPTION 1/2 2/10/21 / KBA 1/2 2/10/21 / KBA 2/2 ADD DECK OPTION 1/2 2/10/21 / KBA
66. P.T. POST W. WAP.     10. EGREG MINDOW     15. ONLEDGE, ELIGIT & WIDTH OF OPENING TO EXTEND 6"     10. EGREG MINDOW     15. ONLEDGE, ELIGIT & WIDTH OF OPENING TO EXTEND 6"     15. ONLEDGE, WED ON ALL SIDES UND.     5. SITE-BUILT COLUMN S EEE ELEVATION FOR TYPE     17. CONCRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR     SIZE      SLAB PLAN NOTES     10. ONLEDGE DEVICE     10. ONLEGE     1	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 NOZIOSCORP / 04/21 / KBA 2 NATTIC ACESS NG21063CNP / 11/19/21 / KBA 3 ADD DBCK OPTION COMMENSION DEVISION COMMENSION DEVISION COMMENSION DEVISION COMMENSION DEVISION COMMENSION DEVISION COMMENSION
66. P.T. POST W. WRAP.     70. EGREGS NINDOW     15. WINDOW LEDGE. HEIGHT & WINTH OF OPENING TO EXTEND 6"     BETCHU NINDOWS) ON ALL SIDES UNLO.     BETCHU NINDOWS) ON ALL SIDES UNLO.     TO EXAMPLE THE ALL SIDES UNLO.     CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR     SIZE     NOT ALL KEY NOTES APPLY.     CONCRETE SLAB. SLOPE 1/4" PER STRUCTURAL- SLOPE     1/4" PER FT. MIN.     CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/8" PER.     CONCRETE FOUNDATION PER STRUCTURAL- SLOPE 1/8" PER.     1/-0" MIN. TOWARD DORO OPENING.     CONCRETE FOUNDATION PER STRUCTURAL- SLOPE 1/8" PER.     CONCRETE FOUNDATION PER STRUCTURAL- SLOPE 1/8" PER.     CONCRETE FOUNDATION PER STRUCTURAL.     YEINT TO CONCRETE.     PERIOR TO CONCRETE.     PERIOR TO FORM OF SHAB.     HITH MIN. 12' EMBEDMENTINT COCKRETE.     ST DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH     MITH MIN.     YEINT ALL PLUMBING STUB DIMENSIONS SHOWN HERE     FRICK TO FORM OF SLAB.     HERE TO CONCRETE FILLED PIPE BOLLARD SHOWN HERE     FRICK TO FORM OF SLAB.     MIND.     YEINT ALL PLUMBING STUB DIMENSIONS SHOWN HERE     FRICK TO PORE OF SLAB.     MINDE MALKWAY- SLOPE 1/4" PER FT. MIN.      YEINT TO BASIC <u>BOOF FLAN</u> FOR INFORMATION NOT     HERE     YOTE.     KEFFER TO BASIC <u>BOOF FLAN</u> FOR INFORMATION NOT	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS ACTIC ACESS ACTIC ACESS ADD DECK OPTION 3 ADD DECK OPTION 1/19/21 / KBA 4 3 ADD DECK OPTION 1/2 2/10/21 / KBA 1/2 2/10/21 / KBA 2/2 ADD DECK OPTION 1/2 2/10/21 / KBA

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





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 SHEARMALL PANELS.

BCREENED PANELS

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.
ATTIC VENT CALCULATIONS
PROVIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC

4:12

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17P.17P.

LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARMALL PANELS.
ATTIC VENT CALCULATIONS
PROVIDE I 50. IN OF VENTILATION PER 300 50. IN OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE RED. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC. (HIGH VENTING) AT 3'-O' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS (LOW VENTING) (2016 NG-R 8062.) & CALCULATION BY UISO, HIGH/LOW VENTING NOT REQUIRED.

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

ROOF PLAN NOTES	

254×4 POST

-32 CREENED



REFER TO BASIC ELEVATION FOR INFORMATION NOT SHOWN HERE

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SCREENED B PANELS W 2x2 FRAME

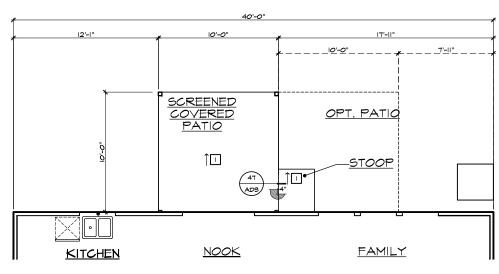
25-4×4 P*O*ST

PARTIAL LEFT ELEVATION





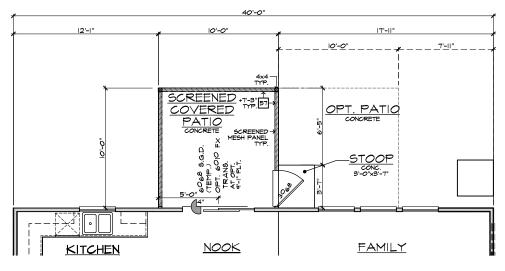




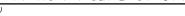
AD6

33

#### PARTIAL SLAB INTERFACE PLAN



#### PARTIAL FIRST FLOOR PLAN

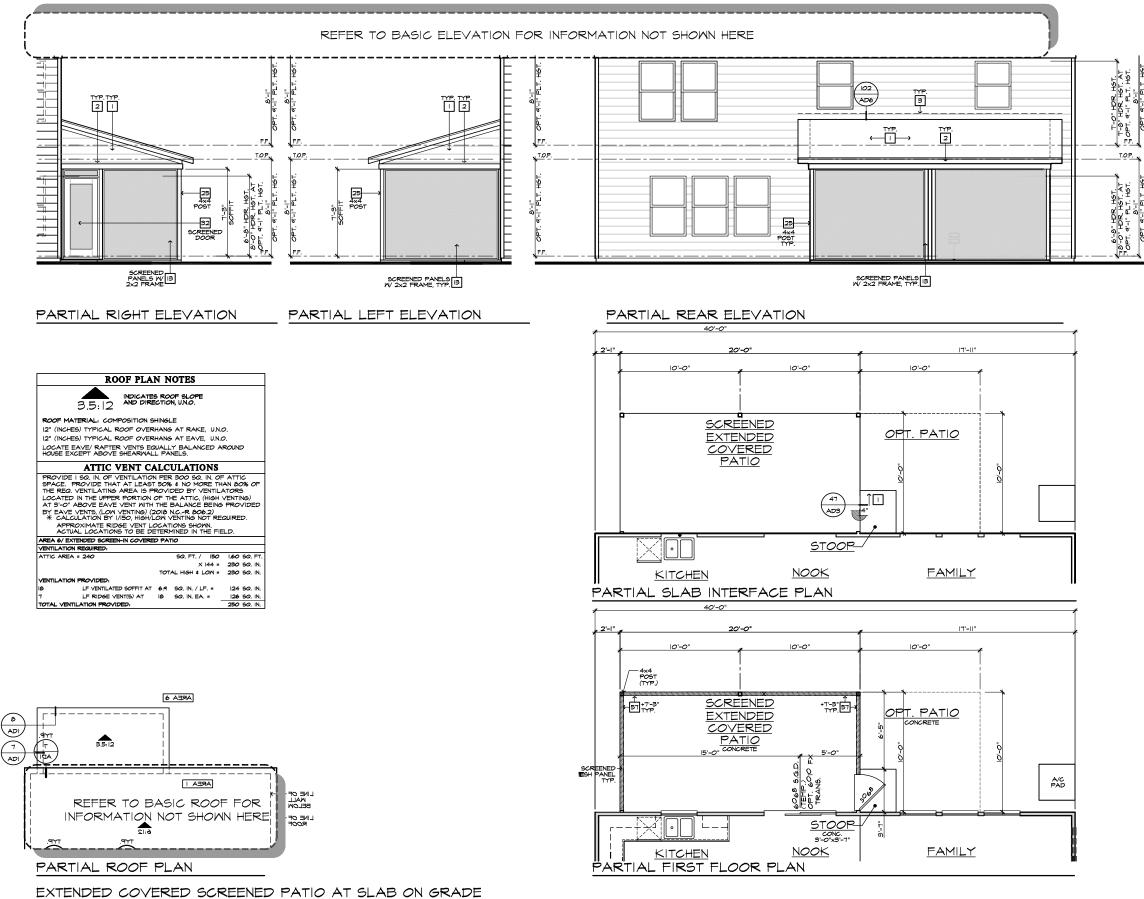


	ELEVATION NOTES	
	<u>E:</u> NOT ALL KEY NOTES APPLY.	
I. 2.	ROOF MATERIAL - REFER TO ROOF NOTES 2X FASCIA/BARGE BOARD WITH FASCIA CAP	
а. Э.	G.I. FLASHING	
4.	G.I. FLASHING & SADDLE/CRICKET	
5.	G.I. DRIP SCREED	
5. 7.	24"x24" CHIMNEY	
	DECORATIVE VENT DECORATIVE CORBEL	
1.	DECORATIVE SHUTTERS	
	PEDIMENT, SEE ELEVATION FOR TYPE	ه استعمال ا
1. つ	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.	
6.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	
7.	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS	Harnett
	STONE VENEER PER SPECS	COUNTY NORTH CARDELINA
9.	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
	FIBER-CEMENT SMOOTH BOARD SEE SPECS DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE	
	ELEVATION FOR SIZE.	KB HOME
	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 PILASTER - SEE ELEVATION FOR TYPE	
#9. #	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 #	CAROLINA SIAI
28	E. NOT ALL KEY NOTES APPLY. WATER HEATER LOCATION - FOR GAS - LOCATE ON 10' HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN, (REPER TO DETAILS) WATER HEATER B' VENT TO OUTSIDE AIR WAIN LINE SUFUT-OFT VALVE AND TEMP. & PRESSURE RELIEF	BUILDING
39. 41.	LÍNË ÖF WALL BELOW LINE OF FLOOR ABOVE	CODES
42. 48.	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.	2x6 STUD WALL DBL. 2x4 WALL PER PLAN	
55. 57.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT	
58.	FLAT SOFFIT ARCHED SOFFIT OPT. DOOR/ WINDOW	
51.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	6 6 6 4 4 4
2.	OFT. DOOR ATTRED DECORATIVE COLUMN (SIZE, SEE ELEV.) PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) PYPON OR EQ. SURROUNDING STRUCTURAL POST. BRICK / STORE VENERE - REFER TO ELEVATIONS SECTIONAL GARAGE DOOR PER SPECE STOLAN COUCRETE END FREME FOUNDER SAL WICH WITH	
63. 66.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH	
	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.	EGRESS WINDOW	ISSUE DATE: 03/24/21
10.	EGRESS WINDOW	PROJECT No.: 1350999:56
10.	EGRESS WINDOW	PROJECT No.: 1350999:56 DIVISION MGR.: DS
10.	EGRESS WINDOW	PROJECT No.: 1350999:56
10.	EGRESS WINDOW	■ PROJECT No.: 1350999:56 DIVISION MGR.: DS     ■ REVISIONS: 12/17/21     ↓ DIVISION REVISION
10.	EGRESS WINDOW	<ul> <li>PROJECT No.: 1350999:56 DIVISION MGR.: DS</li> <li>REVISIONS: 12/17/21</li> </ul>
10. 15. 16. 17.	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(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 SIZE SI AR PLAN NOTES	■ PROJECT No.: 1350999:56 DIVISION MGR.: DS ■ REVISIONS: 12/17/21 ■ <u>1</u> DIVISION REVISION ■ <u>1</u> NC2005ICNP / 00/6/21 / KBA ▲ ATTIC ACESS
10. 15. 16. 17.	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS: ON ALL SIDES UND. SITE-BUILT COLLYN - SEE ELEVATION FOR TYPE CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE	■ PROJECT No.: 1350999:56 DIVISION MGR.: DS     ■ REVISIONS: 12/17/21     ■ 1 DIVISION REVISION NC21051CNP / 00/6/21 / KBA
10. 15. 16. 17. #	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWLS) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR THE SIZE FALSE SIZE - STRUCTURAL - SLOPE CONCRETE FATIO/FORCH SLAB PER STRUCTURAL - SLOPE	■ PROJECT No.: 1350999:56 DIVISION MGR.: DS     ■ CIVISION: 12/17/21     ■ DIVISION REVISION     ■ ATTIC ACESS ■ CIVISION CEVISION ■ ATTIC ACESS ■ ADD DECK OPTION
10. 15. 16. 17. #	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6' BEYOND WINDOWLS) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR THE SLAB PLAN NOTES SLAB PLAN NOTES EL NOT ALL KEY NOTES AFPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL - SLOPE 1/4' PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL - SLOPE 1/4' PER FT. MIN.	■ PROJECT No.: 1350999:56 DIVISION MGR.: DS ■ EVISIONS: 12/17/21 ■ 1 DIVISION REVISION ■ 2 ATTIC ACESS ■ C2065CNP / 11/19/21 / KBA ▲ ADD BECK OPTION
10. 15. 16. 17. #	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWLEDGE. HAUGHT & WIDTH OF OTPE CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE SIZE EL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE PARAGE SLAB PER STRUCTURAL- SLOPE I/6" PER. I-O" MIN. TOWARD DOOR OFENING.	■ PROJECT No.: 1350999:56 DIVISION MGR.: DS     ■ CIVISION: 12/17/21     ■ DIVISION REVISION     ■ ATTIC ACESS ■ CIVISION CEVISION ■ ATTIC ACESS ■ ADD DECK OPTION
10. 15. 16. 17. # • • 2. 3.	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWLEDGE. HEIGHT & WIDTH OF OPENING. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE SLAB PLAN NOTES EL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/B" PER. I-0" MIN. TOWARD DOOR OPENING. CONCRETE FOUNDATION PER STRUCTURAL.	■ PROJECT No.: 1350999:56 DIVISION MGR.: DS     ■ CIVISION: 12/17/21     ■ DIVISION REVISION     ■ ATTIC ACESS ■ CIVISION CEVISION ■ ATTIC ACESS ■ ADD DECK OPTION
10. 15. 16. 17. # 10. 15. 16. 17. 2. 3. 4.	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BETOND WINDOWLS) ON ALL SIDES U.N.O. SITE-BUILT COLLINH - SEE ELEVATION FOR TYPE CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE SIZE SIZE SLAB PLAN NOTES SUBJECT SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE CONCRETE STADE APPLY. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/6" PER. I-O" MIN. TOWARD DOOR OPENINS. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL.	■ PROJECT No.: 1350999:56 DIVISION MGR.: DS     ■ CIVISION: 12/17/21     ■ DIVISION REVISION     ■ ATTIC ACESS ■ CIVISION CEVISION ■ ATTIC ACESS ■ ADD DECK OPTION
10. 15. 16. 17. # 10. 15. 16. 17. 2. 3. 4.	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWLS) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE COLUMNESS ELEVATION FOR TYPE COLUMNESS AND AND ADDRESS SITE SITE SLAB. SLOPE 1/4" PER STRUCTURAL-SLOPE 1/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE FORDER SLAB PER STRUCTURAL- SLOPE 1/6" MIN. TOWARD DOOR OPENING. CONCRETE FORDER STRUCTURAL- SLOPE 1/6" MIN. TOWARD DOOR OPENING. CONCRETE FORDER STRUCTURAL- SLOPE 1/6" MIN. TOWARD DOOR OPENING. CONCRETE FORDER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE FORDER STRUCTURAL. CONCRETE FORDER STRUCTURAL. CONCRETE FORDER STRUCTURAL.	■ PROJECT No.: 1350999:56 DIVISION MGR.: DS     ■ CIVISION: 12/17/21     ■ DIVISION REVISION     ■ ATTIC ACESS ■ CIVISION CEVISION ■ ATTIC ACESS ■ ADD DECK OPTION
10. 15. 16. 17. # 10. 16. 17. 2. 3. 4. 5.	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWLS) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE SLAB PLAN NOTES BLAB PLAN NOTES CONCRETE FAILO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE FAILO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE FONDATION PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE FONDATION PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE FONDATION PER STRUCTURAL. CONCRETE FONDATION PE	■ PROJECT No.: 1350999:56 DIVISION MGR.: DS     ■ CIVISION: 12/17/21     ■ DIVISION REVISION     ■ ATTIC ACESS ■ CIVISION CEVISION ■ ATTIC ACESS ■ ADD DECK OPTION
10. 15. 16. 17. # 10. 2. 3. 4. 5. 5. 5.	EGRESS MINDON MINDON LEDGE. HEIGHT & MIDTH OF OPENING TO EXTEND 6" BEYOND MINDON(S) ON ALL SIDES U.N.O. SITE-BUILT OULDWN - SEE ELEVATION FOR TYPE CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE EL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOOPI SOFTONES. CONCRETE FOOPIS SIZE STRUCTURAL. SLOPE I/4" PER FT. MIN. CONCRETE FOOPIS SIZE STRUCTURAL. SLOPE I/4" PER FT. MIN. CONCRETE FOOPIS SOFTONES. SLOPE I/4" PER FT. MIN. CONCRETE FOOPIS SOFTONES SLOPE I/4" PER FT. MIN. CONCRETE PENJENARY SLOPE I/4" PER FT. MIN. AWAY FROM SARAGE DOOR OFENINS. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIET LOCATION.	■ PROJECT No.: 1350999:56 DIVISION MGR.: DS     ■ CIVISION: 12/17/21     ■ DIVISION REVISION     ■ ATTIC ACESS ■ CIVISION CEVISION ■ ATTIC ACESS ■ ADD DECK OPTION
10. 15. 16. 17. <b>#</b> <b>#</b> <b>1</b> <b>2</b> . 3. 4. 5. 7. 5. 7.	EGRESS MINDON WINDON LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDON(S) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE COLUMNETE SLADE LEVATION FOR TYPE COLUMNETE SLADE I/4" PER FT. MIN. SEE PLAN FOR SIZE <b>SLAB PLAN NOTES</b> <b>SUB</b> <b>SLAB PLAN NOTES</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SLAB PLAN NOTES</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b>	■ PROJECT No.: 1350999:56 DIVISION MGR.: DS     ■ CIVISION: 12/17/21     ■ DIVISION REVISION     ■ ATTIC ACESS ■ CIVISION CEVISION ■ ATTIC ACESS ■ ADD DECK OPTION
# # # # # # #	EGRESS WINDOW WINDOW LEDGE: HEIGHT & WIDTH OF OPENING TO EXTEND 6" BETOND WINDOWLS) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE SIZE SIZE SIZE CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR 1/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL. SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOLIDATION PER STRUCTURAL. SUPE I/4" PER FT. MIN. CONCRETE FOLIDATION PER STRUCTURAL. SUPER I/4" PER FT. MIN. CONCRETE FOLIDATION PER STRUCTURAL. SUPER I/4" PER FT. MIN. SUPER I/4" PER FT. MIN.	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     ①     ①     ①     ①     ①     ①     ①     ①     ①     ①     ③     ③     ③     ③     ③     ③     ③     ③     ⑤     ⑥     ⑤     ⑤     ⑤     ⑤     ⑤     ⑤     ⑤     ⑤     ⑤     ⑤     ⑤     ⑤     ⑤     ⑤     ⑥     ⑤     ⑤     ⑥     ⑤     ⑥     ⑤     ⑥     ⑤     ⑤     ⑥     ⑤     ⑤     ⑤     ⑤     ⑤     ⑤     ⑤     ⑥     ⑤     ⑤     ⑤     ⑤     ⑤     ⑥     ⑥     ⑥     ⑥     ⑤     ⑦
10. 15. 16. 17. 10. 10. 10. 10. 10. 10. 10. 10	EGRESS MINDON WINDON LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDON(S) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE COLUMNETE SLADE LEVATION FOR TYPE COLUMNETE SLADE I/4" PER FT. MIN. SEE PLAN FOR SIZE <b>SLAB PLAN NOTES</b> <b>SUB</b> <b>SLAB PLAN NOTES</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SLAB PLAN NOTES</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b> <b>SUB</b>	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     DIVISION REVISION     ACTIC ACESS     ACTIC ACES
10. 15. 1617. # 10. # 10. 1. 2. 3. 4. 5. 5. 7. 5. 1.	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" EPYOND WINDOWLS) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE SITE ELEVATION FOR THE APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL - SLOPE 1/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL - SLOPE 1/4" PER FT. MIN. CONCRETE FORDATION PER STRUCTURAL - SLOPE 1/6" MIN. TOWARD DOOR OPENING. CONCRETE FOUNDATION PER STRUCTURAL - SLOPE 1/6" MIN. TOWARD DOOR OPENING. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. SLOPE 1/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL. SUBJECTIVE AND SLOPE 1/4" PER FT. MIN. AMAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5" DRICK LEDGE FOR MASONRY VENEER. 5" DIAMETER CONCRETE FILLED PIRE BOLLARD 36" HIGH WITH MIN. 12" EMEDDMENT INTO CONCRETE. REFER TO COULD ENAMINES FOR ALL FINISH SURFACE ELEVATIONS.	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     DIVISION REVISION     ACTIC ACESS     ACTIC ACE
10. 175. 6. 17. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWLS) ON ALL SIDES U.N.O. SITE-BUILT OULDWN - SEE ELEVATION FOR TYPE CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE UNDER LEDGE TO ALL SUPER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOOP. SOLVESS STRUCTURAL. CONCRETE FOOP. SOLVESS SOLVESS SOLVESTER CONCRETE FILLED PIPE BOLLARD SO" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21 <u>1</u> DIVISION REVISION <u>2</u> ATTIC ACESS <u>22 ATTIC ACESS NC2005CNP / 11/19/21 / KBA     <u>3 ADD DBCK OPTION     <u>3 ADD DBCK OPTION     <u>3 ADD DBCK OPTION     </u> <u>1     </u> <u>2         </u> <u>4         </u> <u>2         </u> <u>2         </u> <u>2         </u> <u>2         </u> <u>4         </u> <u>2         </u> <u>2         </u> <u>2         </u> <u>4         </u> <u>2         </u> <u>4         </u> <u>2         </u> <u>4         </u> <u>2         </u> <u>4         </u> <u>2         </u> <u>4         </u> <u>4         </u> </u></u></u>
10.5. 16.7. <b># 10</b> 7. 2. 3.4. 5. 5. 7.5. 7. 0. 1.2.	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" EPYOND WINDOWLS) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE COLUMN - STATEMENT COLUMN - SEE ELEVATION FOR TYPE COLUMN - STATEMENT COLUMN - STATEMENT STATEMENT COLUMN - STATEMENT COLUMN	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21 <u>1</u> DIVISION REVISION <u>2</u> ATTIC ACESS <u>2 NC2105CNP / 10/19/21 / KBA     <u>3</u> ATTIC ACESS     <u>3 NC2105CNP / 10/19/21 / KBA     <u>3 NC2105CNP / 10/19/21 / CTD     </u> <u>7 CPR INTERNAL USE ONLY     <u>8</u></u></u></u>
10.5. 16.7. <b># 10</b> 7. 2. 3.4. 5. 5. 7.5. 7. 0. 1.2.	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWLS) ON ALL SIDES U.N.O. SITE-DUILT COLUMN - SEE ELEVATION FOR TYPE COLOR SITE SUBJECT OF A STRUCTURAL FOR TOPE INTERPET SIABLE STRUCTURAL SLOPE I/4" PER FT. MIN. CONCRETE PATIO/PORCH SIAB PER STRUCTURAL - SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SIAB PER STRUCTURAL - SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL - SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL. SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE DRIVENAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OFENING. FROM GARAGE DOOR OFENING. S" PRICK LEDGE FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. IS "BROEMENT INTO CONCRETE. REFER TO CIVIL DAVINGS FOR ALL FINISH SURFACE ELEVATION. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR 10 /4" MAX. TO HARD SURFACE.	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     ①     ①     ①     ①     ①     ①     ①     ①     ①     ①     ⑦
10.5. 16.7. <b># 10</b> 7. 2. 3.4. 5. 5. 7.5. 7. 0. 1.2.	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" EPYOND WINDOWLS) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE COLUMN - STATEMENT COLUMN - SEE ELEVATION FOR TYPE COLUMN - STATEMENT COLUMN - STATEMENT STATEMENT COLUMN - STATEMENT COLUMN	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     DIVISION EVISION     ATTIC ACESS     ACTIC ACES     ACTIC ACE     ACTIC
10.5. 16.7. <b># 10</b> 7. 2. 3.4. 5. 5. 7.5. 7. 0. 1.2.	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" EPYOND WINDOWLS) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE COLUMN - STATEMENT COLUMN - SEE ELEVATION FOR TYPE COLUMN - STATEMENT COLUMN - STATEMENT STATEMENT COLUMN - STATEMENT COLUMN	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     ①     ①     ①     ①     ①     ①     ①     ①     ①     ①     ⑦
10. 175. 1	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" EPYOND WINDOWLS) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE COLUMN - STATEMENT COLUMN - SEE ELEVATION FOR TYPE COLUMN - STATEMENT COLUMN - STATEMENT STATEMENT COLUMN - STATEMENT COLUMN	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS ACTIC ACESS ADD DECK OPTION 3 ADD DECK OPTION 4 ADD DECK OPTION 5 ADD DECK OPTION
1015 1017 # 10 2. 3.4. 5. 5. 7.5. 1. 0. 1.2.3.	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6' EEYOND WINDOW(S) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE COLUMN - SUBJECT - SUBJECT - SUBJECT (A' PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL - SLOPE (A' PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL - SLOPE (A' PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL - SLOPE (A' PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. SUBJECT FOOTIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. S' DIAMETER CONCRETE FILLED PIRE DOLLARD 36' HIGH WITH MIN. 12' EMEDIMENT INTO CONCRETE. S' DIAMETER CONCRETE FILLED PIRE DOLLARD 36' HIGH WITH MIN. 12' EMEDIMENT INTO CONCRETE. 4' MIN. 0 1/4'' MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION. 36'' WIDE WALKWAY- SLOPE 1/4'' PER FT. MIN.	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS ACTIC ACESS ACTIC ACESS ADD DECE OPTION 3 ADD DECE OPTION CZIOSCONCP - 12/17/21 - CTD COR INTERVAL USE ONLY EVIDED DY. 2 4 4 5 4 5 4 5 1 240.2539-R SHEET:
1015 1617	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" EFYOND WINDOW(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 SIZE SIZE SLAB PLAN NOTES SUBJECT CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR SUBJECT CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOOP. SOLVESS CONCRETE FOOP. SOLVESS CONCRETE FOOP. SOLVESS SUBJECT CONCRETE FOOP. SOLVESS SUBJECT CONCRETE FOOP. SOLVESS SUBJECT CONCRETE FOOP. SOLVESS SUBJECT CONCRETE FOOP. SOLVESS SUBJECT CONCRETE FOR MASONRY VENEER. S" DIANETE CONCRETE FILLED PIPE BOLLARD SO" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE LEVATION. VERIFY LOCATION. S' DRAYER CONCRETE FILLED PIPE BOLLARD SO" HIGH WITH MIN. 20 /4" MAX. TO HARD SURFACE. A/C PAD, VERIFY LOCATION. S' WIDE WALKWAY- SLOPE I/4" PER FT. MIN.	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS ACTIC ACESS ADD DECK OPTION 3 ADD DECK OPTION 4 ADD DECK OPTION 5 ADD DECK OPTION
1015 1017 <b># 10</b> . 2. 3.4. 5. 5. 7.5. 1. 0. 1.2.3.	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6' BEYOND WINDOWLS) ON ALL SIDES U.N.O. SITE-BUILT COLINNE - SEE ELEVATION FOR TYPE COLORNETE SLAD. SLOPE I/4' PER FT. MIN. SEE PLAN FOR 3/2 SIZE ELEVATION FOR THE STRUCTURAL - SLOPE I/4' PER FT. MIN. CONCRETE FATIO/PORCH SLAD PER STRUCTURAL - SLOPE I/4' PER FT. MIN. CONCRETE FORDOR OF SIXE CONCRETE FORD DOOR OPENING. CONCRETE FORD DOOR OPENING. CONCRETE FORD TO PER STRUCTURAL. SLOPE I/6' MIN. TOWARD DOOR OPENING. CONCRETE FORD AT ON PER STRUCTURAL. CONCRETE FORD SIXE SLAD PER STRUCTURAL. CONCRETE FORD AT ON PER STRUCTURAL. CONCRETE FORD AT ON PER STRUCTURAL. CONCRETE FORD SIXES' STANDARD SLOPE I/4' PER FT. MIN. CONCRETE DRIVENAY SLOPE I/4' PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. S' BRICK LEDGE FOR MASONRY VENEER. 3' DIAMETER CONCRETE FILLED PIPE BOLLARD 36' HIGH WITH MIN. I'E BMEEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE LEVATION. YERICY LOCATION. 36' WIDE WALKWAY- SLOPE I/4' PER FT. MIN. BUDE WALKWAY- SLOPE I/4' PER FT. MIN. BUDE WALKWAY- SLOPE I/4' PER FT. MIN. EFT TO BASIC BOOF OF I/4' PER FT. MIN. EFT TO BASIC BOOF ALL FINISH SURFACE. AC PAD. VERIFY LOCATION. 36' WIDE WALKWAY- SLOPE I/4' PER FT. MIN.	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS ACTIC ACESS ACTIC ACESS ADD DECE OPTION 3 ADD DECE OPTION CZIOSCONCP - 12/17/21 - CTD COR INTERVAL USE ONLY EVIDED DY. 2 4 4 5 4 5 4 5 1 240.2539-R SHEET:
1075 1677 # 107 2. 3.4. 5. 5. 7.5. 1. 0. 1.2.3. 01400 UTFO	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6' BEYOND WINDOWLS) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE SLAB PLAN NOTES PROVIDE LEVATION FOR STRUCTURAL- SLOPE 1/4' PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4' PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE 1/4' PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE 1/4' PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE STOOP: B6'X26' STANDARD SLOPE 1/4' PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE STOOP: B6'X26' STANDARD SLOPE 1/4' PER FT. MIN. CONCRETE STOOP: B6'X26' STANDARD SLOPE I/4' PER FT. MIN. S' PRICK LEDGE FOR MASONRY VENEER. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 36' HIGH WITH MIN. I'2 BOEDEDWENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. S' WIDE WALKWAY- SLOPE I/4' PER FT. MIN. ELEVATIONS. S' WIDE WALKWAY- SLOPE I/4' PER FT. MIN. ELEVATIONS. S' WIDE WALKWAY- SLOPE I/4' PER FT. MIN. ELEVATIONS. S' TO BASIC <u>ROOF PLAN</u> FOR INFORMATION NOT WIN HERE ELEVATIONS. S' WIDE SAUGE <u>SLOPE FOR INFORMATION NOT</u>	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS NC2IOSCNP / U/19/21 / KBA ADD DBCK OPTION ADD DBCK OPTION ADD DBCK OPTION CIOSENCP - 12/17/21 - CTD POR INTERNAL USE ONLY REVIEWED BY. 2 4 5 6 PLAN: 240.2539-R SHEET: 8.3
	EGRESS MINDON MINDON LEDGE. HEIGHT & MIDTH OF OPENING TO EXTEND 6' BEYOND MINDON(S) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE SITE ELEVATION FOR STADES APPLY. CONCRETE FATIO/FORCH SLAB PER STRUCTURAL- SLOPE 1/4' PER FT. MIN. CONCRETE FATIO/FORCH SLAB PER STRUCTURAL- SLOPE 1/4' PER FT. MIN. CONCRETE FATIO/FORCH SLAB PER STRUCTURAL- SLOPE 1/6' MIN. TOWARD DOOR OPENING. CONCRETE FONDATION PER STRUCTURAL- SLOPE 1/6'' MIN. TOWARD DOOR OPENING. CONCRETE FONDATION PER STRUCTURAL. CONCRETE FONDATION PER STRUCTURAL. CONCRETE FONDATION PER STRUCTURAL. CONCRETE FOLDED FOR MASONRY VENER. 9' DRIAK LEDGE FOR MASONRY VENER. 9' DRIAKELEDGE FOR MASONRY VENER. 9' DRIAKELET COLUMENT DRIAKELED FOR DRIAKELEN. 9' DRIAKELEDGE FOR MASONRY VENER. 9' DRIAKELEDGE FOR MASONRY VENER. 9' DRIAKELEDGE FOR MASONRY VENER. 9' DRIAKELEDGE FOR DRIAKELEN. 9' DRIAKELEDG	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS ACTIC ACESS ACTIC ACESS ADD DECE OPTION 3 ADD DECE OPTION CZIOSCONCP - 12/17/21 - CTD COR INTERVAL USE ONLY EVIDED DY. 2 4 4 5 4 5 4 5 1 240.2539-R SHEET:
	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6' EEYOND WINDOW(S) ON ALL SIDES U.N.O. SITE/BUILT COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE SITE/BUILT COLUMN - SEE ELEVATION NOT ELEVATION FOR THE APPLY. CONCRETE FAILO/FORCH SLAB PER STRUCTURAL - SLOPE 1/4' PER FT. MIN. CONCRETE FAILO/FORCH SLAB PER STRUCTURAL - SLOPE 1/4' PER FT. MIN. CONCRETE FORDATION PER STRUCTURAL - SLOPE 1/6' MIN. TOWARD DOOR OPENING. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. SUBJECT 1/4' PER FT. MIN. CONCRETE FOUNDATION SLOPE 1/4' PER FT. MIN. AMAY FROM GARAGE DOOR OPENING. PEVIDE LECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 50' HIGH WITH MIN. 12' EMEDIMENT INTO CONCRETE. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 50' HIGH WITH MIN. 12' EMEDIMENT INTO CONCRETE. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 50' HIGH WITH MIN. 12' EMEDIMENT INTO CONCRETE. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 50' HIGH WITH MIN. 12' EMEDIMENT INTO CONCRETE. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 50' HIGH WITH MIN. 12' EMEDIMENT INTO CONCRETE. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 50' HIGH WITH MIN. 12' EMEDIMENT INTO CONCRETE. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 50' HIGH WITH HERE ENT TO BASIC BOOF PLAN FOR INFORMATION NOT WIN HERE ENT TO BASIC ELEVATIONS FOR INFORMATION NOT	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS ACTIC ACESS ADD DECK OPTION 3 ADD DECK OPTION CZIOSGENCP - 12/17/21 - CTD POR INTERNAL USE CALY 2
	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6' BEYOND WINDOWLS) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE SLAB PLAN NOTES PROVIDE LEVATION FOR STRUCTURAL- SLOPE 1/4' PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4' PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE 1/4' PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE 1/4' PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE STOOP: B6'X26' STANDARD SLOPE 1/4' PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE STOOP: B6'X26' STANDARD SLOPE 1/4' PER FT. MIN. CONCRETE STOOP: B6'X26' STANDARD SLOPE I/4' PER FT. MIN. S' PRICK LEDGE FOR MASONRY VENEER. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 36' HIGH WITH MIN. I'2 BOEDEDWENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. S' WIDE WALKWAY- SLOPE I/4' PER FT. MIN. ELEVATIONS. S' WIDE WALKWAY- SLOPE I/4' PER FT. MIN. ELEVATIONS. S' WIDE WALKWAY- SLOPE I/4' PER FT. MIN. ELEVATIONS. S' DEAGEL REVERTION FOR INFORMATION NOT WIN HERE ELEVATIONS. S' STANDARD SUB DIMENSIONS SHOWN HERE ELEVATIONS. S' STANDARD SUB FOR INFORMATION NOT WIN HERE ELEVATIONS. S' STANDARD SUB SUB FOR INFORMATION NOT	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS NCZIOSECNF / U/19/21 / KBA ADD DBCK OPTION ADD DBCK OPTION ADD DBCK OPTION CZIOSENCF - 12/17/21 - CTD POR INTERNAL USE ONLY REVIEWED BY. 2 4 5 6 PLAN: 240.2539-R SHEET: 8.3
	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6' EEYOND WINDOW(S) ON ALL SIDES U.N.O. SITE/BUILT COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE SITE/BUILT COLUMN - SEE ELEVATION NOT ELEVATION FOR THE APPLY. CONCRETE FAILO/FORCH SLAB PER STRUCTURAL - SLOPE 1/4' PER FT. MIN. CONCRETE FAILO/FORCH SLAB PER STRUCTURAL - SLOPE 1/4' PER FT. MIN. CONCRETE FORDATION PER STRUCTURAL - SLOPE 1/6' MIN. TOWARD DOOR OPENING. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. SUBJECT 1/4' PER FT. MIN. CONCRETE FOUNDATION SLOPE 1/4' PER FT. MIN. AMAY FROM GARAGE DOOR OPENING. PEVIDE LECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 50' HIGH WITH MIN. 12' EMEDIMENT INTO CONCRETE. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 50' HIGH WITH MIN. 12' EMEDIMENT INTO CONCRETE. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 50' HIGH WITH MIN. 12' EMEDIMENT INTO CONCRETE. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 50' HIGH WITH MIN. 12' EMEDIMENT INTO CONCRETE. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 50' HIGH WITH MIN. 12' EMEDIMENT INTO CONCRETE. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 50' HIGH WITH MIN. 12' EMEDIMENT INTO CONCRETE. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 50' HIGH WITH HERE ENT TO BASIC BOOF PLAN FOR INFORMATION NOT WIN HERE ENT TO BASIC ELEVATIONS FOR INFORMATION NOT	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS ACTIC ACESS ADD DECK OPTION 3 ADD DECK OPTION 2 NO21056NCP - 12/17/21 - CTD POR INTERNAL USE CALY 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

7-0" HDR. HGT. 7-8" HDR. HGT. AT 14 OPT. 9'-1" PLT. HGT.

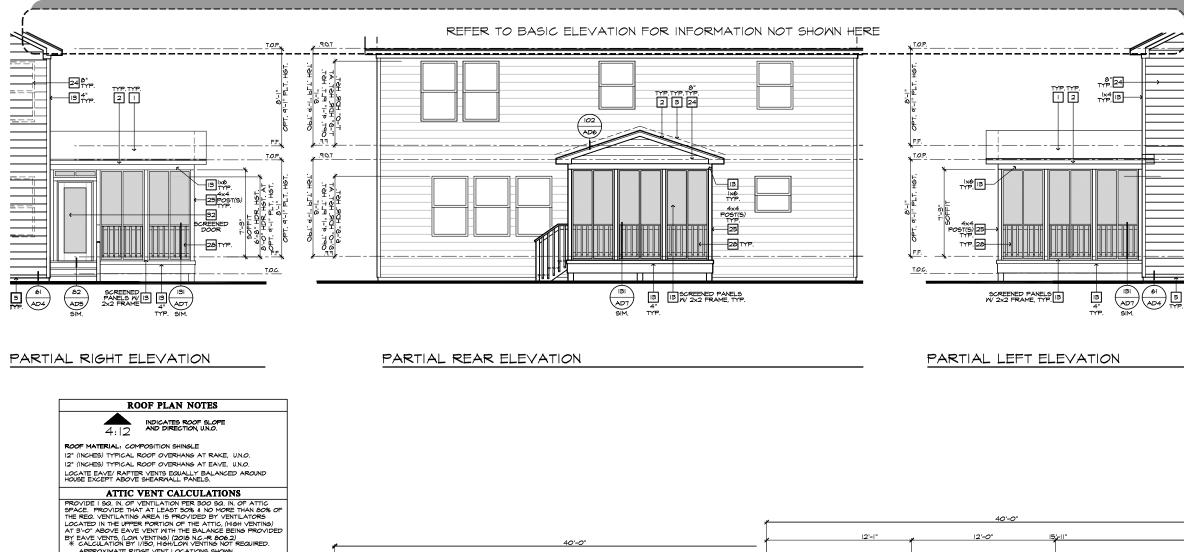
T.O.P.

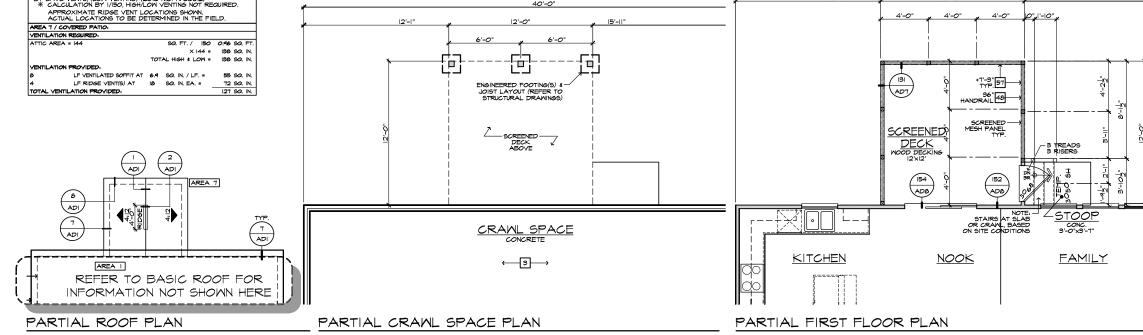
6'-0" HDR. HGT. 1.8'-0" HDR. HGT. AT 1.0PT. 9'-1" PLT. HGT. 0PT. 9'-1" PLT. HGT.



N	ELEVATION NOTES	] • • • •
	<u>TE:</u> NOT ALL KEY NOTES APPLY.	
I. 2.	ROOF MATERIAL - REFER TO ROOF NOTES	
2. 3.	2X FASCIA/BARGE BOARD WITH FASCIA CAP G.I. FLASHING	
4.	G.I. FLASHING & SADDLE/CRICKET	
5.	G.I. DRIP SCREED	
ь.	24"x24" CHIMNEY	
1.	DECORATIVE VENT	I HOME I
ð.	DECORATIVE CORBEL	
1.		
U. I.	PEDIMENT. SEE ELEVATION FOR TYPE RECESSED ELEMENT	
	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	
з.		
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	
	FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS	Harnett
	STONE VENEER PER SPECS	
9.	BRICK/MASONRY VENEER PER SPECS	
~	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	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.	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	
	OPTIONAL STANDING SEAM METAL ROOF	<b>TEL:</b> $(919)$ 768-7980
	KEYSTONE SOLDIER CROWN	FAX: (919) 544-2928
	SOLDIER CROWN	
	, JACK SOLDIER COURSE WATER TABLE	
	ATRIUM DOOR	
	PILASTER - SEE ELEVATION FOR TYPE	2018 NODTU
#	PARTIAL PLAN NOTES	2018 NORTH
01	TE. NOT ALL KEY NOTES APPLY	CAROLINA STAT
27.	WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH	CAROLINA SIAI
28.	THE ALEXAND INCLUSION - FOR GAS - LOCATE ON 18" HIGH DATE HEATER INTERIER, LOCATION - PROVIDE PAN & DATER HEATER B' VENT TO OUTSIDE AIR WATER HEATER B' VENT TO OUTSIDE AIR WATER HEATER B' VENT OF VALVE AND TEMP. & PRESSURE RELIEF	
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	BUILDING
39.	VALVE LINE OF MALL BELOW LINE OF FLOOR ABOVE LINE OF FLOOR BELOW WIN 244 HIGH CHILDRAW (REEER TO DETAIL CHEETS)	CODES
2.	LINE OF FLOOR BELOW	CODES
B.	AC PAD LOCATION	
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.	FLAT SOFFIT ARCHED SOFFIT	
0	OPT DOOR/ WINDOW	
51.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. BRICK / STONE VENEER - REFER TO ELEVATIONS	
53.	BRICK / STONE VENEER - REFER TO ELEVATIONS SECTIONAL GARAGE DOOR PER SPECS	
6.	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).	
68.		
υ.	EGRESS WINDOW	ISSUE DATE: 03/24/21
,0. 15.	EGRESS WINDOW	PROJECT No.: 1350999:56
15. 16.	EGRESS MINDOM MINDOM LEDGE, HEIGHT & MIDTH OF OPENING TO EXTEND 6" BEYOND MINDOM(S) ON ALL SIDES U.N.O. SITE-BULT COLLIMN - SEE ELEVATION FOR TYPE	
15. 16.	EGRESS WINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	PROJECT No.: 1350999:56
15. 16.	EGRESS MINDOM MINDOM LEDGE, HEIGHT & MIDTH OF OPENING TO EXTEND 6" BEYOND MINDOM(S) ON ALL SIDES U.N.O. SITE-BULT COLLIMN - SEE ELEVATION FOR TYPE	PROJECT No.:         1350999:56           DIVISION MGR.:         DS           REVISIONS:         12/17/21
15. 16.	EGRESS MINDOM MINDOM LEDGE, HEIGHT & MIDTH OF OPENING TO EXTEND 6" BEYOND MINDOM(S) ON ALL SIDES U.N.O. SITE-BULT COLLIMN - SEE ELEVATION FOR TYPE	PROJECT No.: 1350999:56 DIVISION MGR.: DS
15. 16. 17.	EGRESS MINDOM WINDOM LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOM(9) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE	PROJECT No.:         1350999:56           DIVISION MGR.:         DS           REVISIONS:         12/17/21           1         DIVISION REVISION NC2005CNP / 00/071 / EBA
15. 16. 17.	EGRESS MINDOW MINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(5) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB, SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE SLAB PLAN NOTES	<ul> <li>PROJECT No.: 1350999:56</li> <li>DIVISION MGR.: DS</li> <li>REVISIONS: 12/17/21</li> <li>DIVISION REVISION</li> </ul>
15. 16. 17.	EGRESS MINDOM WINDOM LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOM(S) ON ALL SIDES UNO. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE SILAB PLAN NOTES	■ PROJECT No.: 1350999:56 DIVISION MGR.: DS ■ REVISIONS: 12/17/21 ■ <u>1</u> DIVISION REVISION ■ <u>2</u> ATTIC ACESS NC2062CNP / U/19/21 / KBA
15. 16. 17.	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW SON ALL SIDES U.N.O. SITE-BULLY COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR THE ELEVATION FOR THE GIVE SLAB PLAN NOTES BELAB PLAN NOTES CONCRETE PATIO/FORCH SLAB PER STRUCTURAL- SLOPE	■ PROJECT No.: 1350999:56     DIVISION MGR.: DS     ■ REVISIONS: 12/17/21     ■
15. 16. 17. #	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW SON ALL SIDES U.N.O. SITE-BULT COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR TYPE COLUMN - SEE ELEVATION FOR THE SLAB PLAN NOTES DOWNER EL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/POCKH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.	■ PROJECT No.: 1350999:56 DIVISION MGR.: DS ■ REVISIONS: 12/17/21 ■ 1 DIVISION ERVISION ■ 2 ATLC ACESS ■ 2 ATLC ACESS ↓ ADD DECK OFTION
15. 16. 17. #	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(B) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE SIZE SIZE SLAB PLAN NOTES EL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/8" PER. I-O" MIN. TOWARD DOOR OPENING.	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 NC2050CN7 / 02/621 / KBA 1
15. 16. 17. # 401 2. 3.	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(5) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB, SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE SLAB PLAN NOTES DEL 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.	■ PROJECT No.: 1350999:56 DIVISION MGR.: DS ■ REVISIONS: 12/17/21 ■ 1 DIVISION ERVISION ■ 2 ATLC ACESS ■ 2 ATLC ACESS ↓ ADD DECK OFTION
15. 16. 17. # 401 2. 3.	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(B) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE SIZE SIZE SLAB PLAN NOTES EL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/8" PER. I-O" MIN. TOWARD DOOR OPENING.	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 NC2050CN7 / 02/621 / KBA 1
15. 16. 17. # 17. 2. 3. 4.	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" 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 SIZE SIZE UNCRETE PATIO/PORCH SLAB PER STRUCTURAL - SLOPE I/4" PER FT. MIN. CONCRETE FOATOACH SLAB PER STRUCTURAL - SLOPE I/4" PER FT. MIN. CONCRETE FOATOACH SLAB PER STRUCTURAL - SLOPE I/4" PER FT. MIN. CONCRETE FOATOACH SLAB PER STRUCTURAL - SLOPE I/4" PER FT. MIN. CONCRETE FOATOACH SLAB PER STRUCTURAL - SLOPE I/4" PER FT. MIN. CONCRETE FOATOACH SLAB PER STRUCTURAL. CONCRETE FOATOACH SLAB PER STRUCTURAL. CONCRETE FOATOACH SLAB PER STRUCTURAL. CONCRETE FOATOACH SLOPE I/4" PER FT. MIN. AWAY	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 NC2050CN7 / 02/621 / KBA 1
15. 16. 17. # 401 2. 3. 4. 5.	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" 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 SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 NC2050CN7 / 02/621 / KBA 1
15. 16. 17. # 401 2. 3. 4. 5.	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOWEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE ELENT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL - SLOPE 1/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL - SLOPE 1/4" PER FT. MIN. CONCRETE FOORDATION PER STRUCTURAL. SLOPE 1/6" PER. 1-0" MIN. TOWARD DOOR OPENING. CONCRETE FOORDATION PER STRUCTURAL. CONCRETE POORDATION PER STRUCTURAL	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 NC2050CN7 / 02/621 / KBA 1
75. 76. 77. <b>#</b> <b>4</b> 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(5) ON ALL SIDES U.N.O. SITE-BUILT COLLIMN - SEE ELEVATION FOR TYPE CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE <b>SLAB PLAN NOTES</b> BELEVATION FOR THE STRUCTURAL-SLOPE 1/4" PER FT. MIN. CONCRETE FAMIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FORMAT SLOPE 1/4" PER FT. MIN. AWAY FROM GARGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5" BRICK LEDGE FOR MASONRY VENEER.	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 NC2050CN7 / 02/621 / KBA 1
75. 76. 77. <b>#</b> <b>4</b> 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW 100 ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE COUCRETE SLAD, SLOPE I/4" PER PT. MIN. SEE PLAN FOR SIZE ILE NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAD PER STRUCTURAL- SLOPE I/4" PER PT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE I/4" PER PT. MIN. CONCRETE FOOPI SHAD PER STRUCTURAL- SLOPE I/4" PER PT. MIN. CONCRETE FOOPI SHAD PER STRUCTURAL. CONCRETE FOOPI SHAD PER STRUCTURAL. CONCRETE FOOPI SHAD PER STRUCTURAL. CONCRETE FOOPI SHADE'S SHAD PER STRUCTURAL. SHADE'S SHADE'S SHADE'S SHADE'S SHAD PER SHAD SHAD SHAD SHAD SHADE'S SHADE'S SHAD SHAD SHAD SHAD SHAD SHAD SHADE'S SHAD SHAD SHAD SHAD SHAD SHAD SHAD SHA	<ul> <li>PROJECT No.: 1350999:56 DIVISION MGR.: DS</li> <li>REVISIONS: 12/17/21</li> <li>1 DIVISION REVISION</li> <li>2 DIVISION REVISION</li> <li>2 ATTIC ACESS</li> <li>MC2062CNP / UL/19/21 / KBA</li> <li>3 ADD DECK OPTION</li> <li>3 ADD SENCP - 12/17/21 - CTD</li> </ul>
15. 16. 17. # 10. 2. 3. 4. 5. 5. 7. 5. 7. 5. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(3) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE SIZE SLAB SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOORD FOR STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOORD FOR STRUCTURAL. CONCRETE FOORD FOR STRUCTURAL. SUBMETES CONCRETE FILLED FIFE FT. MIN. AWAY FROM GARAGE DOOR OFENING. 5" DRIVELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5" BRICK LEDGE FOR MASONRY VENEER. 5" DIAMETER CONCRETE FILLED FIFE BOLLARD 56" HIGH WITH MIN. 12" EMEDDMENT INTO CONCRETE.	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     ①     ①     ①     ①     ①     ①     ①     ①     ②     ③     □
#     •       #     •       2.     3.       4.     5.       5.     7.       7.     1.	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(3) ON ALL SIDES U.N.O. SITE-BUILT COLIMAN - SEE ELEVATION FOR TYPE CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE <b>SLAB PLAN NOTES</b> DEL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL - SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL - SLOPE I/4" FER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL - SLOPE I/4" FER FT. MIN. CONCRETE FORDATION PER STRUCTURAL. CONCRETE FOOPI SIZE'S STRUCTURAL. SI BANGE DOOR OPENINS. FROUJDE LECTRICAL CONDUIT INDER SLAB AT ISLAND. VERIFY LOCATION. S" BRICK LEDGE FOR MASONRY VENEER. S" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21 <u>1</u> DIVISION REVISION <u>2</u> ATTIC ACESS     NC20050CNP / UJ/921 / KBA <u>3</u> ADD DECK OPTION <u>3</u> ADD DECK OPTION <u>3</u> C20056NCP - 12/17/21 - CTD
#     •       #     •       2.     3.       4.     5.       5.     7.       7.     1.	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(3) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE <b>SLAB PLAN NOTES</b> DEL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL - SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL - SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL - SLOPE I/4" PER FT. MIN. CONCRETE FOORDATION PER STRUCTURAL. CONCRETE FOORDATION PER STRUCTURAL. SI BINGK LEDGE FOR MASONRY VENEER. S" DIANGER CONCRETE FILLED PIPE BOLLARD 36" HIGH MITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     ①     ①     ①     ①     ①     ①     ①     ①     ②     ③     □
15.007. <b>#</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b>	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" 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 SIZE	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     DIVISION REVISION     12/17/21     DIVISION REVISION     12/17/21 / KBA     12/17/21 / CTD     1
#         0         .	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(3) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR SITE SITE BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. SUBARTES CONDUCT UNDER SLAB AT ISLAND. YERIFY LOCATION. 5" BRICK LEDGE FOR MASONRY VENEER. 5" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMEDDMENT INTO CONCRETE. REFER TO COULD DRAMINGS FOR ALL FINISH SURFACE ELEVATIONS. YERIFY ALL PLUMBINGS STIB DIMENSIONS SHOWN HERE FRIGR TO POUR OF SLAB. 4" MIN. 8 I/4" MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION.	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21 <u>1</u> DIVISION REVISION <u>1</u> DIVISION REVISION <u>2</u> ATTIC ACESS <u>2 ATTIC ACESS     <u>2 ACC0662CNP / 00/621 / KBA     <u>3</u> AC20556NCP / 12/17/21 / KBA     <u>3</u> AC20556NCP · 12/17/21 · CTD     <u>5 <u>5</u> <u>6</u> <u>6</u> <u>6</u> <u>6</u> <u>7</u> <u></u></u></u></u>
#         0         .	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOWIS) ON ALL SIDES U.N.O. SITE-BULT COLUMN - SEE ELEXATION FOR TYPE COLORATE SLADS, SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE SLADS PLAN NOTES (AT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAD PER STRUCTURAL - SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAD PER STRUCTURAL - SLOPE I/4" PER FT. MIN. CONCRETE FORD FOR SLAD PER STRUCTURAL - SLOPE I/4" PER FT. MIN. CONCRETE FORD FOR SLAD PER STRUCTURAL. CONCRETE FORD FOR SLAD PER STRUCTURAL. CONCRETE FORD FOR SLAD PER STRUCTURAL. CONCRETE FORD FOR OFENING. CONCRETE FORD FOR MASONRY VENEER. S" BRICK LEDGE FOR MASONRY VENEER. S" BRICK LEDGE FOR MASONRY VENEER. S" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. IS "EMEEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE LEVATION. VERIFY ALL FULMENCE STUB DIMENSIONS SHOWN HERE FRIOR TO FOUR OF SLAD.	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     DIVISION REVISION     12/17/21     DIVISION REVISION     12/17/21 / KBA     2    ATTC ACESS     ACTC ACESS     ACTO ACESCNP / U/19/21 / KBA     ACTO ACESS     ACTO ACESCNP / U/19/21 / KBA     ACTO ACESS     ACTO ACESSNP / U/19/21 / KBA     ACTO ACESSNP / U/19/21 / KBA     ACTO ACESSNP / U/19/21 / CTD     ACTO     ACTO     ACTO ACESSNP / U/19/21 / CTD     ACTO     ACTO ACESSNP / U/19/21 / CTD     ACTO     ACTO     ACTO     ACTO ACESSNP / U/19/21 / CTD     ACTO
#         0         .	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(3) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR SITE SITE BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. SUBARTES CONDUCT UNDER SLAB AT ISLAND. YERIFY LOCATION. 5" BRICK LEDGE FOR MASONRY VENEER. 5" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMEDDMENT INTO CONCRETE. REFER TO COULD DRAMINGS FOR ALL FINISH SURFACE ELEVATIONS. YERIFY ALL PLUMBINGS STIB DIMENSIONS SHOWN HERE FRIGR TO POUR OF SLAB. 4" MIN. 8 I/4" MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION.	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     DIVISION REVISION     12/17/21     DIVISION REVISION     12/17/21 / KBA     12/17/21 / CTD     1
75.677 <b># 10</b> 7.2.3.4.5.5.7.5.4.0.1.2.	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(3) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR SITE SITE BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. SUBARTES CONDUCT UNDER SLAB AT ISLAND. YERIFY LOCATION. 5" BRICK LEDGE FOR MASONRY VENEER. 5" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMEDDMENT INTO CONCRETE. REFER TO COULD DRAMINGS FOR ALL FINISH SURFACE ELEVATIONS. YERIFY ALL PLUMBINGS STIB DIMENSIONS SHOWN HERE FRIGR TO POUR OF SLAB. 4" MIN. 8 I/4" MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION.	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     DIVISION REVISION     12/17/21     DIVISION REVISION     12/17/21 / KBA     2    ATTC ACESS     ACTC ACESS     ACTO ACESCNP / U/19/21 / KBA     ACTO ACESS     ACTO ACESCNP / U/19/21 / KBA     ACTO ACESS     ACTO ACESSNP / U/19/21 / KBA     ACTO ACESSNP / U/19/21 / KBA     ACTO ACESSNP / U/19/21 / CTD     ACTO     ACTO     ACTO ACESSNP / U/19/21 / CTD     ACTO     ACTO ACESSNP / U/19/21 / CTD     ACTO     ACTO     ACTO     ACTO ACESSNP / U/19/21 / CTD     ACTO
75.677 <b># 10</b> 7.2.3.4.5.5.7.5.4.0.1.2.	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(3) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR SITE SITE BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. SUBARTES CONDUCT UNDER SLAB AT ISLAND. YERIFY LOCATION. 5" BRICK LEDGE FOR MASONRY VENEER. 5" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMEDDMENT INTO CONCRETE. REFER TO COULD DRAMINGS FOR ALL FINISH SURFACE ELEVATIONS. YERIFY ALL PLUMBINGS STIB DIMENSIONS SHOWN HERE FRIGR TO POUR OF SLAB. 4" MIN. 8 I/4" MAX. TO HARD SURFACE. A/C PAD. VERIFY LOCATION.	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS NC2005CNP / 00/621 / KBA 2 ATTIC ACESS NC2005CNP / 11/19/21 / KBA 3 ADD DECK OPTION 3 ADD DECK OPTION 5 CORE INTERNAL USE ONLY 5 CORE DE AL 5 CORE INTERNAL USE ONLY 5 CORE DE AL 5 CORE INTERNAL USE ONLY 5 CORE INTERNAL USE
15. 16.7. <b># 10</b> 7 <b>.</b> 2. 3. 4. 5. 5. 7. 5. 1. 0. 1. 2. 3.	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(3) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAD. SLOPE I/4" PER PT. MIN. SEE PLAN FOR SIZE ELENT TO ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FORTIOR SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOOD SALAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOOD SALAB PER STRUCTURAL. CONCRETE FOOD SALAB PER STRUCTURAL. SI DENVERAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. ST DENVERT CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMEEDMENT INTO CONCRETE. SI DANFER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMEEDMENT INTO CONCRETE. SI DIANETE CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" MAXING FOR ALL FINISH SURFACE ELEVATIONS. VERIFY LOCATION. SI DIANETE CONCRETE DID DIMENSIONS SHOWN HERE FRICK TO POUR OF SLAB. 4" MIN. 81 /4" MAX. TO HARD SUFFACE. A/C PAD. VERIFY LOCATION. 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN.	PROJECT No.: 1350999:56     DIVISION MGR.: DS     REVISIONS: 12/17/21     DIVISION REVISION     12/17/21     DIVISION REVISION     12/17/21 / KBA     12/17/21 / CTD     1
15.6.7. <b># 10</b> <b># 10</b> <b>0</b>	EGRESS NINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND NINDOW(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 SITE SITE BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE PATIO/FORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/FORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/FORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/FORCH SLAB PER STRUCTURAL- SLOPE I/4" FER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE I/4" FER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE I/4" FER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. SLOPE I/4" FER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL. SUBACKLEDGE FOR MASONRY VENEER. S" DRIVELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. S" DRIVE TER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMEDDMENT INTO CONCRETE. SI DANETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMEDDMENT INTO CONCRETE. AC PAD. VERIFY LOCATION. B" WIDE WALKWAY- SLOPE I/4" PER FT. MIN. 3" MIN. 61" MAX. TO HARD SURFACE. AC PAD. VERIFY LOCATION. B" WIDE WALKWAY- SLOPE I/4" PER FT. MIN.	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS NC2005CNP / 00/621 / KBA 2 ATTIC ACESS NC2005CNP / 11/19/21 / KBA 3 ADD DECK OPTION 3 ADD DECK OPTION 4 ADD DECK OPTION 5 CORE INTERNAL USE ONLY 5 CORE DEC 4 ADD DECK OPTION 5 CORE INTERNAL USE ONLY 5 CORE INTERNAL USE ONLY
15. 16.17. <b># 10</b> <b>.</b> 2. 3. 4. 5. 5. 1. 0. 1. 2. 3. <b>. . . . . . . . . .</b>	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(3) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAD. SLOPE I/4" PER PT. MIN. SEE PLAN FOR SIZE ELENT TO ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FORTIOR SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOOD SALAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOOD SALAB PER STRUCTURAL. CONCRETE FOOD SALAB PER STRUCTURAL. SI DENVERAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. ST DENVERT CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMEEDMENT INTO CONCRETE. SI DANFER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMEEDMENT INTO CONCRETE. SI DIANETE CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" MAXING FOR ALL FINISH SURFACE ELEVATIONS. VERIFY LOCATION. SI DIANETE CONCRETE DID DIMENSIONS SHOWN HERE FRICK TO POUR OF SLAB. 4" MIN. 81 /4" MAX. TO HARD SUFFACE. A/C PAD. VERIFY LOCATION. 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN.	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS NC2005CNP / 00/621 / KBA 2 ATTIC ACESS NC2005CNP / 11/19/21 / KBA 3 ADD DECK OPTION 3 ADD DECK OPTION 5 CORE INTERNAL USE ONLY 5 CORE DE AL 5 CORE INTERNAL USE ONLY 5 CORE DE AL 5 CORE INTERNAL USE ONLY 5 CORE INTERNAL USE
15. 16.17. # 10 · 2. 3. 4. 5. 5. 7. 5. 1. 0. 1. 2. 3. 15. 16.17. 15. 17. 17. 17. 17. 17. 17. 17. 17. 17. 17	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(S) ON ALL SIDES U.N.O. SITE-BULT COLUMN - SEE ELEVATION FOR TYPE COLORATE SLADS, SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE SLAD PLAN NOTES DEVICE TO ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAD PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAD PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE FORDATION PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE FORDATION PER STRUCTURAL. CONCRETE PRIVENAY SLOPE 1/4" PER FT. MIN. AMAY FROM GARAGE DOOR OFENINS. FOR JIE LECTRICAL CONDIT UNDER SLAD AT ISLAND. VERIFY LOCATION. S" BRICK LEDGE FOR MASONRY VENEER. S" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH MITH MIN. ISL PREVENTINTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE LEVATIONS. VERIFY ALL PLUMBING STID DIMENSIONS SHOWN HERE FRIOR TO FOR SLAD. VERIFY ALL PLUMBING STID DIMENSIONS SHOWN HERE FRIOR TO PORT SLAD. S" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN. B" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS NC2005CNP / 00/621 / KBA 2 ATTIC ACESS NC2005CNP / 11/19/21 / KBA 3 ADD DECK OPTION 3 ADD DECK OPTION 4 ADD DECK OPTION 5 CORE INTERNAL USE ONLY 5 CORE DEC 4 ADD DECK OPTION 5 CORE INTERNAL USE ONLY 5 CORE INTERNAL USE ONLY
	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOWIS) ON ALL SIDES U.N.O. SITE-BULT COLUMN - SEE ELEVATION FOR TYPE COURCETE SLADS, SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE SLAB PLAN NOTES BEYOND CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. STRUCK LEDGE FOR MASONRY VENEER. S" DRICK LEDGE FOR MASONRY VENEER. ST TO BASIC ROOF FLAN FOR INFORMATION NOT WIN HERE ET TO BASIC RECY PLANT FOR INFORMATION NOT	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS NC2005CNCP / 00/621 / KBA 3 ADD DECK OPTION 3 ADD DECK OPTION CONSISTENCE - 12/17/21 - CTD CONSISTENCE - 12/17/21
15. 1617. <b># 1</b> 2. 3. 4. 5. 5. 1. 5. 4. 0. 1. 2. 3. <b>9 1 1 1 1 1 1 1 1 1 1</b>	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(S) ON ALL SIDES U.N.O. SITE-BULT COLUMN - SEE ELEVATION FOR TYPE CORRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR SITE SITE-BULT. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FORDATION PER STRUCTURAL- SLOPE I/4" FER FT. MIN. CONCRETE FORDATION PER STRUCTURAL- SLOPE I/4" FER FT. MIN. CONCRETE FORDATION PER STRUCTURAL. CONCRETE FORDATION PER STRUCTURAL. SLOPE I/4" PER FT. MIN. CONCRETE FORDATION PER STRUCTURAL. CONCRETE FORDATION PER STRUCTURAL. CONCRETE FORDATION PER STRUCTURAL. CONCRETE FORDATION PER STRUCTURAL. SLOPE I/4" PER FT. MIN. CONCRETE FOR FOR MASONRY VENEER. 9" DIAMETER CONCRETE FILLED PIPE BOLLARD 56" HIGH MITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAVINGO FOR ALL FINISH SURFACE ELEVATIONS. 4" MIN. 81/4" MAX. TO HARD SURFACE. AC PAD. VERIFY LOCATION. 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN. <b>EE.</b> TENT TO BASIC ROOF FLAM. FOR INFORMATION NOT WIN HERE	PROJECT NO.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTC ACESS NC2063CNP / 00/621 / KBA 2 ATTC ACESS NC2063CNP / 11/19/21 / KBA 3 ADD DECK OPTION 3 ADD DECK OPTION 5 CORE INTERNAL USE ONLY 5 CORE DET. 1 2 2 4 3 4 4 5 5 6 5 12/17/21 1 2 2 4 3 2 5 12/17/21 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1
15. 1617. <b># 1</b> 2. 3. 4. 5. 5. 1. 5. 4. 0. 1. 2. 3. <b>9 1 1 1 1 1 1 1 1 1 1</b>	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOW(S) ON ALL SIDES U.N.O. SITE-BULT COLUMN - SEE ELEVATION FOR TYPE CORRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR SITE SITE-BULT. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FORDATION PER STRUCTURAL- SLOPE I/4" FER FT. MIN. CONCRETE FORDATION PER STRUCTURAL- SLOPE I/4" FER FT. MIN. CONCRETE FORDATION PER STRUCTURAL. CONCRETE FORDATION PER STRUCTURAL. SLOPE I/4" PER FT. MIN. CONCRETE FORDATION PER STRUCTURAL. CONCRETE FORDATION PER STRUCTURAL. CONCRETE FORDATION PER STRUCTURAL. CONCRETE FORDATION PER STRUCTURAL. SLOPE I/4" PER FT. MIN. CONCRETE FOR FOR MASONRY VENEER. 9" DIAMETER CONCRETE FILLED PIPE BOLLARD 56" HIGH MITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAVINGO FOR ALL FINISH SURFACE ELEVATIONS. 4" MIN. 81/4" MAX. TO HARD SURFACE. AC PAD. VERIFY LOCATION. 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN. <b>EE.</b> TENT TO BASIC ROOF FLAM. FOR INFORMATION NOT WIN HERE	PROJECT NO.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS NC2063CNP / 00/6/21 / KBA 3 ADD DECK OPTION 3 ADD DECK OPTION 2 COMENCE OF 12/17/21 - CTD 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
15. 1617. # 14 · 2. 3. 4. 5. 5. 7. 5. 7. 0. 1. 2. 3. 9世代 15世代 15世代 15世代 15世代 15世代 15世代 15世代 15	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOWIS) ON ALL SIDES U.N.O. SITE-BULT COLUMN - SEE ELEVATION FOR TYPE COURCETE SLADS, SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE SLAB PLAN NOTES BEYOND CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE FOUNDATION PER STRUCTURAL. STRUCK LEDGE FOR MASONRY VENEER. S" DRICK LEDGE FOR MASONRY VENEER. ST TO BASIC ROOF FLAN FOR INFORMATION NOT WIN HERE ET TO BASIC RECY PLANT FOR INFORMATION NOT	PROJECT No.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS NC2005CNCP / 00/621 / KBA 3 ADD DECK OPTION 3 ADD DECK OPTION CONSISTENCE - 12/17/21 - CTD CONSISTENCE - 12/17/21
75.76.77. # 127	EGRESS MINDOW WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" 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 SITE SITE OF THE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR SITE CONCRETE PATIO/FORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/FORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE FATIO/FORCH SLAB PER STRUCTURAL- SLOPE I/4" FER FT. MIN. CONCRETE FONDATION PER STRUCTURAL- SLOPE I/4" FER FT. MIN. CONCRETE FONDATION PER STRUCTURAL- SLOPE I/4" FER FT. MIN. CONCRETE FONDATION PER STRUCTURAL- SLOPE I/4" FER FT. MIN. CONCRETE FONDATION PER STRUCTURAL. CONCRETE FONDATION PER STRUCTURAL. SLOPE I/4" FER FT. MIN. CONCRETE FOLIDARY SLOPE I/4" PER FT. MIN. AMAY FROM GARAGE DOOR OFENING. FOR OTHER CONCRETE FILLED PIPE BOLLARD SG" HIGH WITH MIN. 12" EMEDIMENT INTO CONCRETE. S" DIAMETER CONCRETE FILLED PIPE BOLLARD SG" HIGH WITH MIN. 12" EMEDIMENT INTO CONCRETE. AC PAD. VERIFY LOCATION. SG" WIDE WALKWAY- SLOPE I/4" PER FT. MIN. SG WIDE WALKWAY- SLOPE I/4" PER FT. MIN. ENT TO BASIC BOOST PLAN FOR INFORMATION NOT WIN HERE TO DASIC BOOST PLAN FOR INFORMATION NOT WIN HERE TO DASIC ELEVATIONS FOR INFORMATION NOT WIN HERE TO DASIC BLOOR FLAN FOR INFORMATION NOT WIN HERE TO DASIC BLOOR FLAN FOR INFORMATION NOT WIN HERE	PROJECT NO.: 1350999:56 DIVISION MGR.: DS REVISIONS: 12/17/21 1 DIVISION REVISION 2 ATTIC ACESS NC2063CNP / 00/6/21 / KBA 3 ADD DECK OPTION 3 ADD DECK OPTION 2 COMENCE OF 12/17/21 - CTD 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

T.O.P.

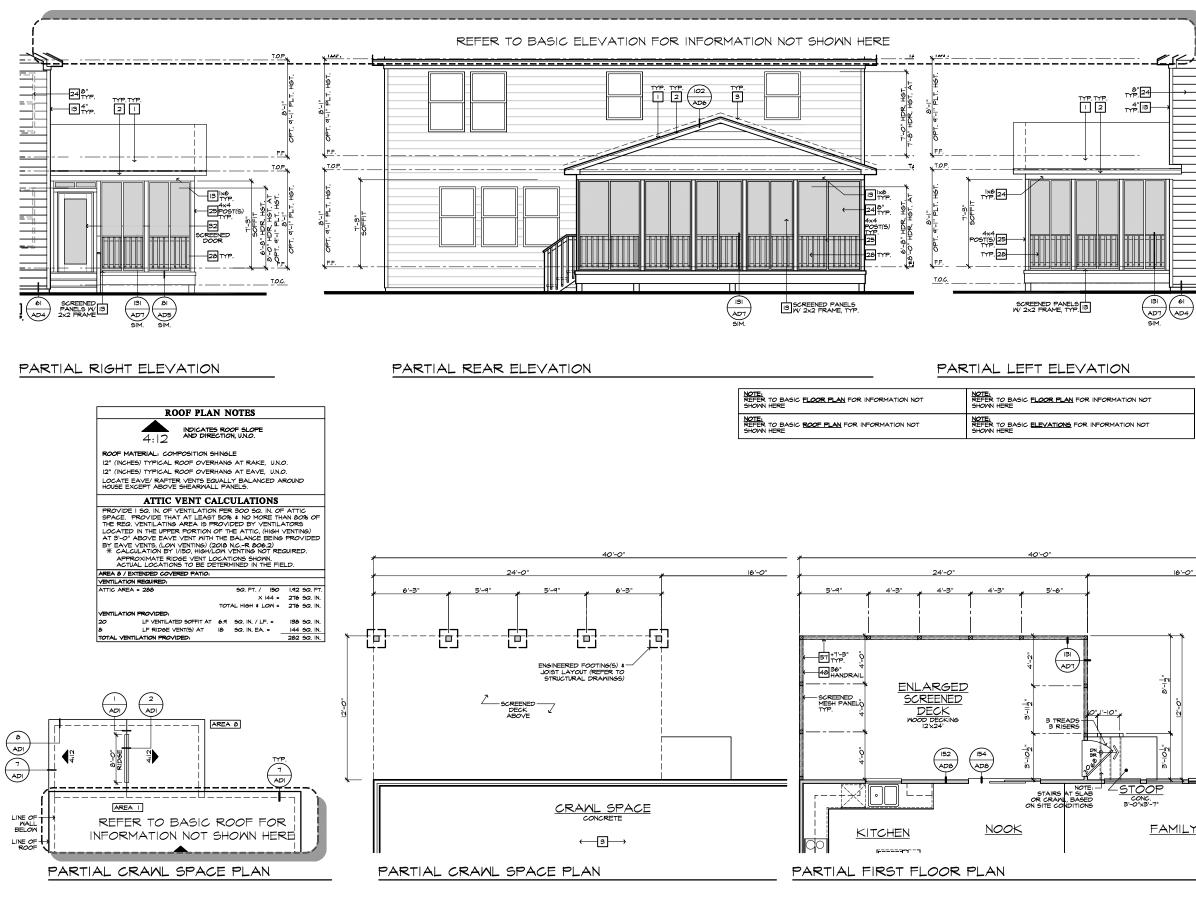




#### SCREENED-IN DECK AT CRAWL SPACE

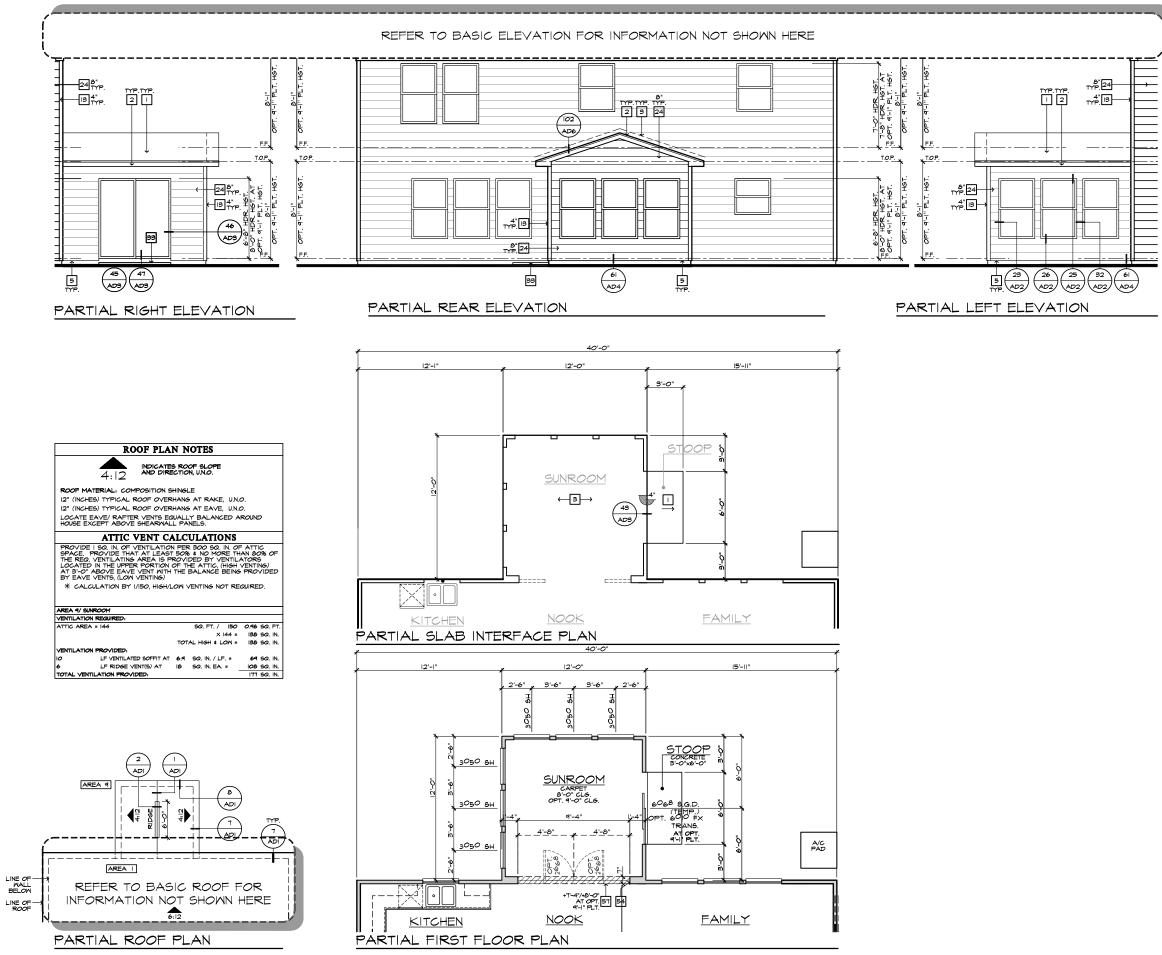
SCALE I/4"=I'-0" (22"X34") - I/8"=I'-0" (II"XI7")

NOTE NOT	ELEVATION NOTES	209 NG-R
	ALL KEY NOTES APPLY. IATERIAL - REFER TO ROOF NOTES	a
	CIA/BARGE BOARD WITH FASCIA CAP	
3. G.I. FLA 4. G.I. FLA	SHING SHING & SADDLE/CRICKET	
5. G.I. DRI	PSCREED	
	'CHIMNEY ATIVE VENT	
	ATIVE CORBEL	
	ATIVE SHUTTERS	-
	NT. SEE ELEVATION FOR TYPE ED ELEMENT	
	ATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR	R TYPE
	R SPEC- SEE ELEVATION FOR SIZE	
	OR FIBER CEMENT PANEL (BEADED OR SMOOTH, NUFACTURED DECORATIVE COLUMN (SIZE, SEE E	
FYPON	OR EQ. SURROUNDING STRUCTURAL POST.	
	ILT COLUMN - SEE ELEVATION FOR TYPE EMENT STRAIGHT SHAKE SIDING SEE SPECS	
	VENEER PER SPECS	
9. BRICK/1	1ASONRY VENEER PER SPECS	MASTER SET
20. BUILT UF	P BRICK COLUMN	
21. SOLDIE		
22. ROWLO 23. FRIEZE		
	EMENT SIDING PER SPECS	
25. P.T. POS	T W WRAP - SEE STRUCTURAL FOR SIZE	
	B DECORATIVE TRIM IEIGHT PRECAST STONE TRIM	NORTH CAROLII
	IBER RAILINGS (+36" U.N.O.)	40' SERIES
29. FIBER-C	EMENT SMOOTH BOARD SEE SPECS	
BO. DECOR, ELEVAT	ATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ION FOR SIZE.	KB HOME
	ET OR KICKER - FYPHON OR EQ.	NORTH CAROLINA DIVISI
32. ENTRY I		
	ETE STOOP/ PORCH - SEE SLAB INTERFACE PLA NAL GARAGE DOOR PER SPECS	AN. 4506 S. MIAMI BLVD. SUITE 180
35. ALUMINU	M WRAP	DURHAM, NC 27703
	AL DOOR/WINDOW - REFER TO PLAN OPTIONS	■ TEL: (919) 768-7980
37. OPTION 38. KEYSTO	AL STANDING SEAM METAL ROOF NE	FAX: (919) 544-2928
99. SOLDIE		
10. JACK S	OLDIER COURSE	
1. WATER 12. ATRIUM		
	DOOR R - SEE ELEVATION FOR TYPE	2010 NODTI
#	PARTIAL PLAN NOTES	2018 NORTH
OTE. NOT		CAROLINA STA
PLATEC	HEATER LOCATION: - FOR GAS - LOCATE ON 18 RM - FOR INTERIOR LOCATION - PROVIDE PAN (REFER TO DETAILE) HEATER 'B' VENT TO OUTSIDE AIR	
28. MATER 29. MAIN LI	NEFER 10 DETAILS/ HEATER 15' VENT TO OUTSIDE AIR NE SHUT-OFF VALVE AND TEMP. & PRESSURE RI	
A LINE OF	WALL BELOW	
1. LINE OF		CODES
8 MN PA	'HIGH GUARDRAIL (REFER TO DETAIL SHEETS) D LOCATION	
5. LOW WA	ID WALL	
5. INTERIO	4 WALL PER PLAN R SHELF - REFER TO PLAN FOR HEIGHT	
	OFFIT SOFFIT	
D PRE-MA	XOR/ WINDOW NUFACTURED DECORATIVE COLUMN (SIZE, SEE E	
2. BRICK	OR EQ. SURROUNDING STRUCTURAL POST. STONE VENEER - REFER TO ELEVATIONS VAL GARAGE DOOR PER SPECS	
6. 3" DIAM	AL GARAGE DOOR PER SPECS	
MIN. 12" (NOT RE	I. CONCRETE FILLED PIPE BOLLARD 36" HIGH W EMBEDMENT INTO CONCRETE. QUIRED AT ELECTRIC WATER HEATERS OR FOR	·
TRAVEL	NCES LOCATED OUT OF THE VEHICLE'S NORMAL . PATH).	
IO FARFAR	5T W/ WRAP. MINDOM LEDGE HEIGHT & MIDTH OF OPENING TO EXTE	ISSUE DATE: 03/24/2
15. WINDON BEYOND	LEDGE. HEIGHT & WIDTH OF OPENING TO EXTE MINDOWS) ON ALL SIDES U.N.O. ILT COLUMN - SEE ELEVATION FOR TYPE ETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN I	ND 6" PROJECT No.: 1350999:5
16. SITE-BU	LT COLUMN - SEE ELEVATION FOR TYPE TE SLAB, SLOPE 1/4" PER FT, MIN, SEE PLAN "	DIVISION MGR.: D
SIZE.		REVISIONS: 12/17/2
SIZE.		REVISIONS: 12/17/2 DIVISION REVISION NC2105ICNP / 04/6/21 / KBA
SIZE.		REVISIONS: 12/17/2      DIVISION REVISION     NO2IOSICNP / 00/16/21 / KBA
#	FOUNDATION PLAN NOTES	$\land$ Division revision
# NOTE: NOT /	FOUNDATION PLAN NOTES	KEVISIONS: 12/17/2      KEVISION REVISION     MC21051CNP / 00/6/21 / KBA      MC21052CNP / 11/19/21 / KBA      MC21052CNP / 11/19/21 / KBA
512E. # 10TE: NOT / CONCRE 1/4" PER	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. ITE PATIO/PORCH SLAB PER STRUCTURAL- SLO FT. MIN.	REVISIONS:         12/17/2           Image: Intervision Revision Revisio Revisio Revisio Revisio Revisio Revisio Revisio Revisio Revis
# <u>KOTE:</u> NOT , CONCRE 1/4" PEF CONCRE	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. ITE PATIO/PORCH SLAB PER STRUCTURAL- SLO	REVISIONS:         12/17/2           Image: Intervision Revision Revisio Revisio Revisio Revisio Revisio Revisio Revisio Revisio Revis
# <b>NOTE: NOT</b> . CONCRE . CONCRE . CONCRE O" MII 3. FOUNDA	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TE PATIO/PORCH SLAB PER STRUCTURAL- SLO ET. MIN. TE GARAGE SLAB PER STRUCTURAL- SLOPE I/ NOTARD DOOR OPENING. TOON PER STRUCTURAL.	REVISIONS:         12/17/2           Image: Intervision Revision Revisio Revisio Revisio Revisio Revisio Revisio Revisio Revisio Revis
SIZE           #           (OTE: NOT /           // CONCRE           // 4" PEF           2. CONCRE           ''-O" MII           3. FOUNDA           F. STAIR L	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. ETE PATIO/PORCH SLAB PER STRUCTURAL- SLO FT. MIN. TE GARAGE SLAB PER STRUCTURAL- SLOPE 1/1 N. TOMARD DOOR OPENING. TION PER STRUCTURAL. ANDING: 36'x36' MIN.	REVISIONS:         12/17/2           Image: Intervision Revision Revisio Revisio Revisio Revisio Revisio Revisio Revisio Revisio Revis
SIZE           #           (2TE: NOT /           // CONCRE           // A" PEF           // CONCRE           // - O" MII           3. FOUNDA           4. STAIR L           5. CONCRE           FROM 6	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TE PATIO/PORCH SLAB PER STRUCTURAL- SLO R FT. MIN. TE GARAGE SLAB PER STRUCTURAL- SLOPE 1/4 N. TOWARD FOOR OPENING. NICON PER STRUCTURAL. ANDING: 36*X36* MIN. TE DRIVEWAY SLOPE 1/4* PER FT. MIN. AWAY ARAGE DOOR OPENING.	REVISIONS:         12/17/2           Image: Intervision Revision Revisio Revisio Revisio Revisio Revisio Revisio Revisio Revisio Revis
#           IOTE: NOT /           CONCR!           I/4" PEF           CONCR!           I/-0" MII           FOUNDA           STAIR L           STAIR L           CONCR!           FOUNDA           STAIR L           CONCR!           FROM 6	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TTE PATIO/PORCH SLAB PER STRUCTURAL- SLO ET. MIN. ITE GARAGE SLAB PER STRUCTURAL- SLOPE 1/4 I TOYARD DOOR OPENING. ITION PER STRUCTURAL. ANDING: 36"x36" MIN. TTE DRIVENAT' SLOPE 1/4" PER FT. MIN. AWAY	REVISIONS:         12/17/2           Image: Intervision Revision Revisio Revisio Revisio Revisio Revisio Revisio Revisio Revisio Revis
SIZE IOTE, NOT , CONCRI I/4" PEF CONCRI I'-0" MII FOUNDA STAIR L FROM 6 PROVID 4" TOE	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TE PATIO/PORCH SLAB PER STRUCTURAL- SLO FT. MIN. TE GARAGE SLAB PER STRUCTURAL- SLOPE 1/4 N. TOWARD DOOR OPENING. ANDING: 56'x36' MIN. TE DRIVEWAY SLOPE 1/4' PER FT. MIN. AWAY ARAGE DOOR OPENING. E UNDER FLOOR VENTILATION KICK FOR MASONRY VENEER.	REVISIONS:     12/11/2       Image: Constraint of the state o
SIZE           #           (OTE, NOT, I           I/4" PEE           CONCRE           I/4" DE           STAIR L           5. FOUNDA           5. FOUNDA           5. FOUNDA           6. STAIR L           6. ONCRE           6. PROVID           1. 4" TOE           5. 3" DIAM	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. THE PATIO/PORCH SLAB PER STRUCTURAL- SLO KT. MIN. ITE GARAGE SLAB PER STRUCTURAL- SLOPE 1/4 I. TOMARD DOOR OPENING. THE DRIVENAT SLOPE 1/4" PER FT. MIN. AWAY ARAGE DOOR OPENING. E UNDER FLOOR VENTILATION KICK FOR MASONRY VENEER. EITER CONCRETE FILLED PIPE BOLLARD 36" HI	REVISIONS:     12/11/2       Image: Constraint of the state o
SIZE           #           CONCRE           I/4" PEF           I/4" PEF           I-0" MIII           STAIL           STAIL           STAIL           STAIL           PROVID           I           MITH MII	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TTE PATIO/PORCH SLAB PER STRUCTURAL- SLO ET. MIN. ITE GARAGE SLAB PER STRUCTURAL- SLOPE 1/4 I TOYARD DOOR OPENING. ITION PER STRUCTURAL. ANDING: 36"x36" MIN. TTE DRIVENATY SLOPE 1/4" PER FT. MIN. AWAY ARAGE DOOR OPENING. E UNDER FLOOR VENTILATION KICK FOR MASONRY VENEER. IETER CONCRETE FILLED PIPE BOLLARD 36" HIG. N. 12" EMBEDMENT INTO CONCRETE.	REVISIONS:       12/11/2         P       1         DIVISION REVISION         P       1         NC2I05CMP / 00/521 / KBA         P       2         ATTIC ACESS         P/FE         B' PER.         P         GH
SIZE           #           CONCRE           I/4" PEF           I/4" PEF           I-0" MIII           STAIL           STAIL           STAIL           STAIL           PROVID           I           MITH MII	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. ITE PATIO/PORCH SLAB PER STRUCTURAL- SLOP IFT. MIN. ITE GARAGE SLAB PER STRUCTURAL- SLOPE 1/4 N. TOWARD DOOR OPENING. ITE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY ARAGE DOOR OPENING. E UNDER FLOOR VENTILATION KICK FOR MASONRY VENEER. IETER CONCRETE FILLED PIPE BOLLARD 36" HIG. N. 12" EMBEMENT INTO CONCRETE. TO CIVIL DRAWINGS FOR ALL FINISH SURFACE	REVISIONS:     12/11/2       Image: Constraint of the state o
#       IOTE: NOT :       CONCR:       I/4" PER       I/4" PER       CONCR:       I-0" MII       FROM 6       A" TOE       B" DIAM       NITH MIT       REFER       ELEVAT       VERIEVAL	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TE PARIO/PORCH SLAB PER STRUCTURAL- SLO R T. MIN. TE GARAGE SLAB PER STRUCTURAL- SLOPE 1/4. N. TOWARD FOOR OPENING. TE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY ARAGE DOOR OPENING. E UNDER FLOOR VENTILATION KICK FOR MASONRY VENEER. IETER CONCRETE FILLED PIPE BOLLARD 36" HK N. 12" EMEDMENT INTO CONCRETE. TO CIVIL DRAWINGS FOR ALL FINISH SURFACE IONG.	REVISIONS:     12/11/2       P     1     DIVISION REVISION       NC2105CNP / 00/6/21 / KBA     2       PE     2     ATTIC ACESS       B* PER.     3     ADD DECK OPTION       B     3     NC21056NCP - 12/17/21 - CTD       B     9     1       FOR INTERNAL USE ONLY     10
#	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TE PARIO/PORCH SLAB PER STRUCTURAL- SLO R T. MIN. TE GARAGE SLAB PER STRUCTURAL- SLOPE 1/4. N. TOWARD FOOR OPENING. TE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY ARAGE DOOR OPENING. E UNDER FLOOR VENTILATION KICK FOR MASONRY VENEER. IETER CONCRETE FILLED PIPE BOLLARD 36" HK N. 12" EMEDMENT INTO CONCRETE. TO CIVIL DRAWINGS FOR ALL FINISH SURFACE IONG.	GH         FOR INTERNAL USE ONLY           FOR INTERNAL USE ONLY           REVIEWED BY
SIZE           SIZE           VOTE:           NOT /:           CONCRE           I/4*           I/4*           FOUNDA           I.           CONCRE           I-0*           I.           FOUNDA           FROM 6           S.           PROVID           I.           4*           TOE           A*           TOE           STRUCT           I.           A/C           VERIEY           STRUCT           I.           I.           I.           I.           I.           VERIEY           STRUCT           I.           I.           I.           I.           I.           I.           I.           III.	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TE PARIO/PORCH SLAB PER STRUCTURAL- SLO R T. MIN. TE GARAGE SLAB PER STRUCTURAL- SLOPE 1/4. N. TOWARD DOOR OPENING. TE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY MARAGE DOOR OPENING. E UNDER FLOOR VENTILATION KICK FOR MASONRY VENEER. IETER CONCRETE FILLED PIPE BOLLARD 36" HK N. 12" EMBEDMENT INTO CONCRETE. TO CIVIL DRAWINGS FOR ALL FINISH SURFACE LOCATION OF PIER FOOTINGS PER IRAL 1 3/4" MAX. TO HARD SURFACE. D. VERIFY LOCATION.	REVISIONS:       12/11/2         P       1       DIVISION REVISION         DIVISION REVISION       *         1       NC2105CNP / 00/6/21 / KBA         P       2       ATTIC ACESS         PFE       2       ATTIC ACESS         B* PER.       3       ADD DECK OPTION         B       3       NC21056NCP · 12/17/21 · CTD         B       *         GH       *         B       *         CH       *
#           401EL NOT ///           1/4" PET           1/4" PET           1/-0" MIT           3. FOUNDA           5. PROVID           6. SPROVID           1. 4" TOLAN           NITH MI           1. 4" TOLAN           STRUCT           5. PROVID           3. CAVER           5. STRUCT           5. STRUCT           5. STRUCT           3. CAVER           3. CRAVE	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. ITE PATIO/PORCH SLAB PER STRUCTURAL- SLO ET. MIN. ITE GARAGE SLAB PER STRUCTURAL- SLOPE 1/4 N TOWARD DOOR OPENING. ITE DRIVENARY SLOPE 1/4" PER FT. MIN. AWAY ARAGE DOOR OPENING. E UNDER FLOOR VENTILATION KICK FOR MASONRY VENEER. IETER CONCRETE FILLED PIPE BOLLARD 36" HIC N. 12" EMPEDMENT INTO CONCRETE. TO CIVIL DRAWINGS FOR ALL FINISH SURFACE IONS. LOCATION OF PIER FOOTINGS PER IRAL 7 3/4" MAX. TO HARD SURFACE. D. VERIFY LOCATION.	GH         Image: Constraint of the second seco
#           401EL NOT ///           1/4" PET           1/4" PET           1/-0" NIA           1/-0" NIA           5. FOUNDA           4. 5TAIR L           5. CONCRE           FROVID           6. 5. PROVID           1. 4" TOLAN           NITH MIN           1. 4" TOLAN           STRUCT           1. 4" NIN           2. A/C PA           3. CRAVEL           4. 36" WID	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TE PARIO/PORCH SLAB PER STRUCTURAL- SLO R T. MIN. TE GARAGE SLAB PER STRUCTURAL- SLOPE 1/4. N. TOWARD DOOR OPENING. TE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY MARAGE DOOR OPENING. E UNDER FLOOR VENTILATION KICK FOR MASONRY VENEER. IETER CONCRETE FILLED PIPE BOLLARD 36" HK N. 12" EMBEDMENT INTO CONCRETE. TO CIVIL DRAWINGS FOR ALL FINISH SURFACE LOCATION OF PIER FOOTINGS PER IRAL 1 3/4" MAX. TO HARD SURFACE. D. VERIFY LOCATION.	REVISIONS:     12/11/2       P     1     DIVISION REVISION       DOUGS     1     NC2062CH       PE     2     ATTIC ACESS       PE     3     ADD DECK OPTION       B     3     NC2055NCF · 12/17/21 · CTD       B     -     -       GH     -     -       PER.     -     -       B     -     -       B     -     -       CH     -     -       PER.     -     -       B     -     -       CH     -     -       CH     -     -       CH     -     -       PER.     -     -       CH     -     -       CH     -     -       CH     -     -       PLAN:     -     -
#           IOTE: NOT /           CONCRE           I'-0' MII           J'-0' MII           FOUNDA           SCONCRE           I'-0' MII           SCONCRE           STAND           SCONCRE           SCONCRE           SCONCRE           SCONCRE           STANDE           STANDE           STANDE           SCONCRE           SCONCRE           SCONCRE           SCONCRE           SCONCRE           SCONCRE           SCONCRE           SC	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. THE PATIO/PORCH SLAB PER STRUCTURAL- SLO ET. MIN. ITE GARAGE SLAB PER STRUCTURAL- SLOPE I/A N TOWARD DOOR OPENING. THE DRIVENATION SLOPE I/A" PER FT. MIN. AWAY ARAGE DOOR OPENING. E UNDER FLOOR VENTILATION KICK FOR MASONRY VENEER. IETER CONCRETE FILLED PIPE BOLLARD 36" HIC N. 12" EMBEDMENT INTO CONCRETE. TO CIVIL DRAWINGS FOR ALL FINISH SURFACE LOCATION OF PIER FOOTINGS PER IRAL 1 3/4" MAX. TO HARD SURFACE. D. VERIFY LOCATION. SPACE ACCESS E WALKWAY - SLOPE I/4" PER FT. MIN.	REVISIONS:     12/11/2       P     1     DIVISION REVISION NC2065CNP / 00/221 / KBA       P/E     2     ATTIC ACESS NC2065CNP / 11/19/21 / KBA       PFE     3     ADD DBCK OPTION NC20656NCP · 12/17/21 · CTD       B     -       GH     -       PCR INTERNAL USE ONLY       Several Dr.       L       2       B       B       PCR INTERNAL USE ONLY       PLAN:       PLAN:       PLAN:
#           1/27EL NOT /           CONCRE           1/4* PEE           CONCRE           1/4* PEE           CONCRE           1/4* PEE           CONCRE           FOUNDA           SCAUCH           NUTH           1.           CEFER           0.           1.           CEFER           0.           1.           CEFER           0.           1.           CEFER           0.           VERIFIC           0.           VERIFIC           0.           VERIFIC           0.           VERIFIC           0.           1.           CEFER           0.           1.           VERIFIC           0.           1.           1.           1.           1.           2.           2.           2.           2.           2.           2.           2.           2.	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TTE PATIO/PORCH SLAB PER STRUCTURAL- SLO KT. MIN. STE GARAGE SLAB PER STRUCTURAL- SLOPE I/A N. TOWARD DOOR OPENING. ANDING: 36%36" MIN. TTE DRIVENAY SLOPE I/A" PER FT. MIN. AWAY ARAGE DOOR OPENING. TE DRIVENAY SLOPE I/A" PER FT. MIN. AWAY ARAGE DOOR OPENING. E UNDER FLOOR VENTILATION KICK FOR MASONRY VENEER. ETRE CONCRETE FILLED PIPE BOLLARD 36" HIM. N. 12" EMBEDMENT INTO CONCRETE. TO GIVIL DRAWINGS FOR ALL FINISH SURFACE LOCATION OF PIER FOOTINGS PER RAL D. VENEY LOCATION. SPACE ACCESS E WALKWAY- SLOPE I/A" PER FT. MIN. SPACE IS TO BE CONDITIONED PER NC-R SECT	REVISIONS:       12/11/2         P       1       DIVISION REVISION         DIVISION REVISION       *       1         DIVISION REVISION       *       2         ATTIC ACESS       *       2         ATTIC ACESS       *       3         ADD DECK OPTION       *       3         GH       *       *         REVIEWED BY.       *       *         GH       *       *         PER.       *       *         PER.       *       *         GH       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *
#           #           I/4" PET           I/4" TOE           0. PROVID           . S" DIAM           NITH MIN           . REFER           ELEVAN           STRUCT           . 4" MIN           2. A/C PA           3. CRANE           4. 36" NUD           OTEL           HE CRANE	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TTE PATIO/PORCH SLAB PER STRUCTURAL- SLO ET., MIN. TTE GARAGE SLAB PER STRUCTURAL- SLOPE I/A A TOYARD DOOR OPENING. TION PER STRUCTURAL. ANDING: 36*38° MIN. TTE DRIVENARY SLOPE I/4* PER FT. MIN. AWAY MARAGE DOOR OPENING. E UNDER FLOOR VENTILATION KICK FOR MASONRY VENEER. ETER CONCRETE FILLED PIPE BOLLARD 36" HIG. N. 12* EMBEDMENT INTO CONCRETE. TO CIVIL DRAWINGS FOR ALL FINISH SURFACE IONS. LOCATION OF PIER FOOTINGS PER RAL 1 3/4* MAX. TO HARD SURFACE. D. VENIFY LOCATION. SPACE ACCESS E WALKWAY- SLOPE I/4* PER FT. MIN. SPACE IS TO BE CONDITIONED PER NC-R SECT SPACE VAPOR RETARDER (BARRIER) IS TO BE	REVISIONS:       12/11/2         P       1       DIVISION REVISION         DIVISION REVISION       *       1         PER       *       1         B' PER       *       3         ADD DBCK OPTION       *         B' PER       *         PLAN:       2         CH       *         *       * <tr< td=""></tr<>
#	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TTE PATIO/PORCH SLAB PER STRUCTURAL- SLO ET., MIN. N TOWARD DOOR OPENING. TTE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY ARAGE DOOR OPENING. E UNDER FLOOR VENTILATION KICK FOR MASONRY VENEER. ETRE CONCRETE FILLEP PIPE BOLLARD 36" HK N, 12" EMPEDMENT INTO CONCRETE. TO CIVIL DRAWINGS FOR ALL FINISH SURFACE IONS. LOCATION OF PIER FOOTINGS PER RAL T 3/4" MAX. TO HARD SURFACE. D. VERIPY LOCATION. SPACE ACCESS E WALKWAY- SLOPE 1/4" PER FT. MIN. SPACE IS TO BE CONDITIONED PER NC-R SECT SPACE VAPOR RETARDER (BARRIER) IS TO BE 2N R4042.	REVISIONS:       12/11/2         P       1       DIVISION REVISION         DIVISION REVISION       *       1         DIVISION REVISION       *       2         ATTIC ACESS       *       2         ATTIC ACESS       *       3         ADD DECK OPTION       *       3         GH       *       *         REVIEWED BY.       *       *         GH       *       *         PER.       *       *         PER.       *       *         GH       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *       *         *       *
SIJE           #           YOTEL NOT ///           //4" PET	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TTE PATIO/PORCH SLAB PER STRUCTURAL- SLO FT. MIN. TTE GARAGE SLAB PER STRUCTURAL- SLOPE I/A N TOWARD DOOR OPENING. TID NER STRUCTURAL. ANDING: 36%36° MIN. TTE DRIVENAY SLOPE I/4° PER FT. MIN. AWAY ARAGE DOOR OPENING. E UNDER FLOOR VENTILATION KICK FOR MASONRY VENEER. ETTE COLVERTE FILLED PIPE BOLLARD 36° HIG. N. 12° EMPEDMENT INTO CONCRETE. TO CIVIL DRAWINGS FOR ALL FINISH SURFACE IONS. LOCATION OF PIER FOOTINGS PER IRAL 1 3/4° MAX. TO HARD SURFACE. D. VENIFY LOCATION. SPACE ACCESS E WALKWAY- SLOPE I/4° PER FT. MIN. SPACE IS TO BE CONDITIONED PER NC-R SECT SPACE VAPOR RETARDER (BARRIER) IS TO BE DN R40412. ASSIC ROOF PLAN FOR INFORMATION NOT	REVISIONS:       12/11/2         P       1       DIVISION REVISION         DIVISION REVISION       *       1         PER       *       1         B' PER       *       3         ADD DBCK OPTION       *         B' PER       *         PLAN:       2         CH       *         *       * <tr< td=""></tr<>
BITE           #           Identified           Ident </td <td>FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TTE PATIO/PORCH SLAB PER STRUCTURAL- SLO FT. MIN. N TOWARD DOOR OPENING. TTE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY ARAGE DOOR OPENING. E UNDER FLOOR VENTILATION KICK FOR MASONRY VENEER. ETER CONCRETE FILLED PIPE BOLLARD 36" HIM N. 12" EMBEDMENT INTO CONCRETE. TO CIVIL DRAWINGS FOR ALL FINISH SURFACE IONS. LOCATION OF PIER FOOTINGS PER RAL T 3/4" MAX. TO HARD SURFACE. D. VERIFY LOCATION. SPACE ACCESS E WALKMAY- SLOPE 1/4" PER FT. MIN. SPACE IS TO BE CONDITIONED PER NC-R SECT SPACE VAPOR RETARDER (BARRIER) IS TO BE ON RACH2.</td> <td>NEWISIONS:       12/11/2         Image: Stress of the stres of the stress of</td>	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TTE PATIO/PORCH SLAB PER STRUCTURAL- SLO FT. MIN. N TOWARD DOOR OPENING. TTE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY ARAGE DOOR OPENING. E UNDER FLOOR VENTILATION KICK FOR MASONRY VENEER. ETER CONCRETE FILLED PIPE BOLLARD 36" HIM N. 12" EMBEDMENT INTO CONCRETE. TO CIVIL DRAWINGS FOR ALL FINISH SURFACE IONS. LOCATION OF PIER FOOTINGS PER RAL T 3/4" MAX. TO HARD SURFACE. D. VERIFY LOCATION. SPACE ACCESS E WALKMAY- SLOPE 1/4" PER FT. MIN. SPACE IS TO BE CONDITIONED PER NC-R SECT SPACE VAPOR RETARDER (BARRIER) IS TO BE ON RACH2.	NEWISIONS:       12/11/2         Image: Stress of the stres of the stress of
SIJE           907EL NOT ///           VOTEL NOT ///           1/4* PEE           1/4* PEE           2. CONCRE           1/-0* MIR           3. FOUNDA           4. STAIR L           5. CONCRE           FROVID           7. 4* TOLA           8. B* DIAMA           8. B* DIAMA           9. B* DIAMA           9. B* DIAMA           1. 4* MIN.           2. AC PAR           3. CRANL           4. 36* WID           VOTEL           VEFER TO E SCAN           WOTH HET CRANL           VEFER TO E SCAN	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TTE PATIO/PORCH SLAB PER STRUCTURAL- SLO ET. MIN. ITE GRAAGE SLAB PER STRUCTURAL- SLOPE I/A K TOMARD DOOR OPENING. TICIN PER STRUCTURAL. ANDING: 36°x36° MIN. TTE DRIVENATY SLOPE I/4° PER FT. MIN. AWAY MARAGE DOOR OPENING. E UNDER FLOOR VENTILATION KICK FOR MASONRY VENEER. ETTE CONCRETE FILLED PIPE BOLLARD 36° HIG. N. 12° EMBEDMENT INTO CONCRETE. TO CIVIL DRAWINGS FOR ALL FINISH SURFACE IONS. LOCATION OF PIER FOOTINGS PER RAL T 3/4° MAX. TO HARD SURFACE. D. VERIFY LOCATION. SPACE ACESS E WALKWAY- SLOPE I/4° PER FT. MIN. SPACE TO BE CONDITIONED PER NG-R SECT SPACE VAPOR RETARDER (BARRIER) IS TO BE DN R4012. MASIC ROOF PLAN FOR INFORMATION NOT MASIC FLOOR PLAN FOR INFORMATION NOT	Image: Solution of the solution
SIZE           SIZE           VOTEL NOT /           CONCRE           1/4* PEE           CONCRE           1/-0* MII           3. FOUNDA           4. STAIR L           5. CONCRE           6. PROVID           7. 4* TOE           6. PROVID           7. 4* TOE           6. STROM 6           5. STRUCT           1. 4* MIN.           2. ACC PA           3. CRANL           4. 36* WID           VOTEL           4. 36* WID           VOTEL           4. 36* WID           VOTEL	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TTE PATIO/PORCH SLAB PER STRUCTURAL- SLO KT. MIN. TO ARAD DOOR OFENING. TO ARAD DOOR OFENING. TO ARAD STRUCTURAL. ANDING: 36%36" MIN. TTE DRIVENATY SLOPE 1/4" PER FT. MIN. AWAY ARAGE DOOR OFENING. E UNDER FLOOR VENTLATION KICK FOR MASONRY VENEER. IETER CONCRETE FILLED PIPE BOLLARD 36" HIG. N. 12" EMBEDMENT INTO CONCRETE. TO CIVIL DRAWINGS FOR ALL FINISH SURFACE IONS. LOCATION OF PIER FOOTINGS PER IRAL 1 3/4" MAX. TO HARD SURFACE. D. VERIFY LOCATION. SPACE IS TO BE CONDITIONED PER NC-R SECT SPACE STO BE CONDITIONED PER NC-R SECT SPACE VAPOR RETARDER (BARRIER) IS TO BE ON R4012. MASIC ROOF PLAN FOR INFORMATION NOT	Image: Second state of the second s
SIZE           90TE: NOT /           CONCR:           1/-0 'MII           3. FOUNDA'           5. FOUNDA'           6. FOUNDA'           6. FROVID           7. 4" TOE           6. SPROVID           7. 4" TOE           7. 4" TOE           8. STRUCT           1. 4" TOE           9. STRUCT           1. 4" AC PA           3. CRAAL           4. 36" NULT           YEFER TO E           4403           HE CRAAL           VETE: TO E           20000 HERI           2011           211           221           221           231           2407           2403           2404           2015           2016           2017           2018           2019	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TTE PATIO/PORCH SLAB PER STRUCTURAL- SLO KT. MIN. TOWARD DOOR OPENING. TOWARD DOOR OPENING. TOWARD STRUCTURAL. ANDING: 36%36° MIN. TTE DRIVENARY SLOPE I/4° PER FT. MIN. AWAY ARAGE DOOR OPENING. E UNDER FLOOR VENTILATION KICK FOR MASONRY VENEER. ETTE CONCRETE FILLED PIPE BOLLARD 36° HIC. N. 12° EMBEDMENT INTO CONCRETE. TO CIVIL DRAWINGS FOR ALL FINISH SURFACE IONS. LOCATION OF PIER FOOTINGS PER IRAL 1 3/4° MAX. TO HARD SURFACE. D. VERIFY LOCATION. SPACE ACCESS E WALKNAY- SLOPE I/4° PER FT. MIN. SPACE IS TO BE CONDITIONED PER NC-R SECT SPACE VAPOR RETARDER (BARRIER) IS TO BE SPACE CADES. ASIC ROOF PLAN FOR INFORMATION NOT MASIC FLOOR PLAN FOR INFORMATION NOT	REVISIONS:       12/11/2         Image: Constraint of the second seco
BIZE           NOTE: NOT /:           CONCR:           I'-0' MII           3. FOUNDA           4. STAIR L           5. FOUNDA           6. PROVID           7. 4" TOE           6. PROVID           7. 4" TOE           8. STAIR L           5. PROVID           7. 4" TOE           8. STAIR L           9. STRUCT           1. 4" MIN.           2. A'O PAR           3. STRUCT           1. 4" MIN.           2. A'O FARANC           VOTE:	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TTE PATIO/PORCH SLAB PER STRUCTURAL- SLO KT. MIN. TOWARD DOOR OPENING. TOWARD DOOR OPENING. TOWARD STRUCTURAL. ANDING: 36%36° MIN. TTE DRIVENARY SLOPE I/4° PER FT. MIN. AWAY ARAGE DOOR OPENING. E UNDER FLOOR VENTILATION KICK FOR MASONRY VENEER. ETTE CONCRETE FILLED PIPE BOLLARD 36° HIC. N. 12° EMBEDMENT INTO CONCRETE. TO CIVIL DRAWINGS FOR ALL FINISH SURFACE IONS. LOCATION OF PIER FOOTINGS PER IRAL 1 3/4° MAX. TO HARD SURFACE. D. VERIFY LOCATION. SPACE ACCESS E WALKNAY- SLOPE I/4° PER FT. MIN. SPACE IS TO BE CONDITIONED PER NC-R SECT SPACE VAPOR RETARDER (BARRIER) IS TO BE SPACE CADES. ASIC ROOF PLAN FOR INFORMATION NOT MASIC FLOOR PLAN FOR INFORMATION NOT	Image: Strategy of the strategy
#           WOTEL NOT // I/4* PET           1/4* PET           2. CONCRE I/-0* MI           3. FOUNDA           4. STAIR L           5. CONCRE FROM 6           6. PROVID           7. 4* TOLES           8. PROVID           7. 4* TOLES           9. STRUCT           1.4* TOLES           9. STRUCT           1.3. SCRALL           1.4* TOLES           3. SCRALL           1.4* MIN.           2. A/C PA           3. CRANL           4. 36* MID           VOTE:           VOTE:           VOTE:	FOUNDATION PLAN NOTES ALL KEY NOTES APPLY. TTE PATIO/PORCH SLAB PER STRUCTURAL- SLO KT. MIN. TTE GARAGE SLAB PER STRUCTURAL- SLO KT. MIN. TTO ARER STRUCTURAL. ANDING: 36'x36' MIN. TTE DRIVENARY SLOPE I/4'' PER FT. MIN. AWAY ARAGE DOOR OPENING. E UNDER FLOOR VENTLATION KICK FOR MASONRY VENEER. IETER CONCRETE FILLED PIPE BOLLARD 36'' HIN. N. 12'' EMBEDMENT INTO CONCRETE. TO CIVIL DRAWINGS FOR ALL FINISH SURFACE LOCATION OF PIER FOOTINGS PER IRAL. 13/4' MAX. TO HARD SURFACE. D. VERIFY LOCATION. SPACE IS TO BE CONDITIONED PER NC-R SECT SPACE ACCESS E WALKNAY- SLOPE I/4'' PER FT. MIN. SPACE IS TO BE CONDITIONED PER NC-R SECT SPACE VAPOR RETARDER (BARRIER) IS TO BE SPACE LOOR PLAN FOR INFORMATION NOT MASIC FLOOR PLAN FOR INFORMATION NOT MASIC FLOOR PLAN FOR INFORMATION NOT	REVISIONS:       12/11/2         Image: Constraint of the second seco



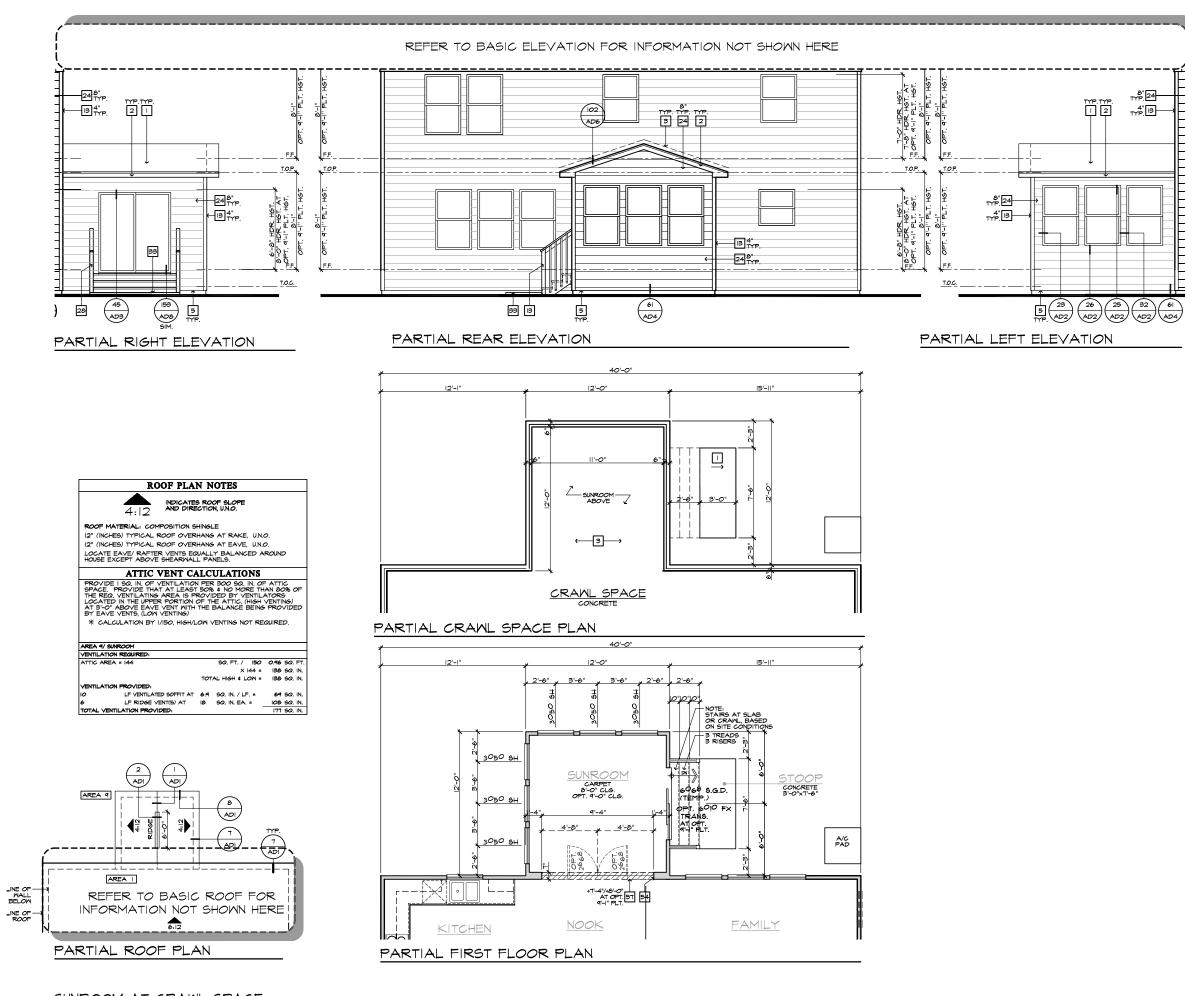
EXTENDED SCREENED-IN DECK AT CRAWL SPACE

<u> </u>	ELEVATION NOTES	
	<u>E:</u> NOT ALL KEY NOTES APPLY. ROOF MATERIAL - REFER TO ROOF NOTES	в
	2X FASCIA/BARGE BOARD WITH FASCIA CAP	
з.	G.I. FLASHING	│ <b>. │                                  </b>
	G.I. FLASHING & SADDLE/CRICKET	
	G.I. DRIP SCREED 24"x24" CHIMNEY	.   INN
	DECORATIVE VENT	HOME
в.	DECORATIVE CORBEL	I. I HUME I
	DECORATIVE SHUTTERS	-
	PEDIMENT. SEE ELEVATION FOR TYPE RECESSED ELEMENT	
	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	
ч.	BRICK/MASONRY VENEER PER SPECS	MASTER SET
	BUILT UP BRICK COLUMN	
	SOLDIER COURSE	
	ROWLOCK COURSE FRIEZE BOARD	
	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
	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.	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	
	JACK SOLDIER COURSE	
	WATER TABLE	
43. #	PILASTER - SEE ELEVATION FOR TYPE  DADTIAL DIAN NOTES	2018_NORTH
	PARTIAL PLAN NOTES	CAROLINA STAT
27.	EL NOT ALL KEY NOTES APPLY. WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH PLATEORM - FOR INTERIOR LOCATION - PROVIDE PAN 4	CARULINA SIAI
78	MATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN, REFER TO DETAILS WATER HEATER B' VENT TO OUTSIDE AIR MATER HEATER B' VENT TO OUTSIDE AIR MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	
28. 29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	BUILDING
20		
41. 42. 48	LINE OF FLOOR ABOVE LINE OF FLOOR BELOW MIN 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) ACC PAD LOCATION	CODES
18:	AC PAD LOCATION CUARTRAIL (REFER TO DETAIL SHEETS) A/C PAD LOCATION LOW WALL - REFER TO PLAN FOR HEIGHT	
51. 52.	LOW WALL - REFER TO PLAN FOR HEIGHT 2x6 STUD WALL DRI 2x4 WALL FER PLAN	
54. 55.	DBL. 2x4 WALL PER PLAN INTERIOR SHELF - REFER TO PLAN FOR HEIGHT	
57. 58.	ARCHED SOFFIT	
50.	OPT, DOOR/ WINDOW	
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.	
63.	BRICK / STONE VENEER - REFER TO ELEVATIONS 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).	ISSUE DATE: 03/24/21
70.	EGRESS WINDOW	
	WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES UN.O.	
76. 77.	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
		1 NC21051CNP / 08/16/21 / KBA
#	FOUNDATION PLAN NOTES	
NOT	E: NOT ALL KEY NOTES APPLY.	- <sup>B</sup> <u>2</u> NC21062CNP / 11/19/21 / KBA
Ι.	CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.	ADD DECK OPTION
2.	CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER.	■ <u>3</u> NC21056NCP · 12/17/21 · CTD
	I'-O" MIN. TOWARD DOOR OPENING.	
	FOUNDATION PER STRUCTURAL. STAIR LANDING: 36"x36" MIN.	<b>P</b>
5.	CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN, AWAY	
	FROM GARAGE DOOR OPENING.	•
5.	PROVIDE UNDER FLOOR VENTILATION	
	4" TOE KICK FOR MASONRY VENEER.	•
в.	3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN, 12" EMBEDMENT INTO CONCRETE.	
1.	REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.	REVIENED BY:
0.	VERIFY LOCATION OF PIER FOOTINGS PER	B I
	STRUCTURAL 4" MIN. 7 3/4" MAX. TO HARD SURFACE.	B
	A/C PAD. VERIFY LOCATION.	▲ <u>4.</u> <u>—</u> <u>—</u>
з.	CRAWL SPACE ACCESS	
4.	36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.	PLAN:
NOT	E NC 2018-NC-R	240.2539-R
	CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION	LTU.2337-I
THE		SHEET:
THE R40 THE	CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER	
rhe R40 rhe	CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER R SECTION R409.2.	
THE R40 THE	CRANL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER R SECTION R409.2.	8.6
THE R40 THE	CRAVIL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER R SECTION R409.2.	
rhe R40 rhe	CRAML SPACE VAPOR RETARDER (BARRIER) IS TO BE PER R SECTION R4091.2.	8.6
THE R40 THE	CRAVL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER SECTION R409.2.	
THE R40 THE	CRAVL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER SECTION R409.2.	8.6 SPEC. LEVEL 1
THE R40 THE	CRAVE SPACE VAPOR RETARDER (BARRIER) IS TO BE PER 8 SECTION R409.2.	SPEC. LEVEL 1 RALEIGH-DURHA
rhe R40 rhe	CRANL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER	8.6 SPEC. LEVEL 1



SUNROOM AT SLAB ON GRADE

# ELEVATION NOTES	· · · · · ·
NOTE: NOT ALL KEY NOTES APPLY.	·
2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP 3. G.I. FLASHING	.   <b>],  .</b>  .
4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED	
6. 24"x24" CHIMNEY 7. DECORATIVE VENT	
8. DECORATIVE CORBEL	I HOME .
9. DECORATIVE SHUTTERS 10. PEDIMENT. SEE ELEVATION FOR TYPE	
II. 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)	
<ol> <li>EATENOR FIBER CEMENT FAREL (BEADED OR SHOOT)</li> <li>PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.</li> </ol>	
16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	
<ol> <li>FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS</li> <li>STONE VENEER PER SPECS</li> </ol>	
19. BRICK/MASONRY VENEER PER SPECS	
20. BUILT UP BRICK COLUMN 21. SOLDIER COURSE	01/26/2022
22. RONLOCK 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
29. FIBER-CEMENT SMOOTH BOARD SEE SPECS	HU SEKIES .
30. DECORATIVE MINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE. 31. BRACKET OR KICKER - FYPHON OR EQ.	KB HOME NORTH CAROLINA DIVISION
32. ENTRY DOOR	P P
33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS	4506 S. MIAMI BLVD. SUITE 180
35. ALUMINUM WRAP 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703
37. OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7980 ■ FAX: (919) 544-2928
38. KEYSTONE 39. SOLDIER CROWN	R R R R R R
40. JACK SOLDIER COURSE 41. WATER TABLE	
42. ATRIUM DOOR 43. PILASTER - SEE ELEVATION FOR TYPE	
<b>BARTIAL PLAN NOTES</b>	2018 NORTH
NOTE: NOT ALL KEY NOTES APPLY. 27. WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH	CAROLINA STATE
<ol> <li>MATER HEATER LOCATION FOR GAS - LOCATE ON IB" HIGH PLATTORM - FOR INTERIOR LOCATION - PROVIDE PAN &amp; DRAIN. (REFER TO DENIE)</li> <li>WATER HEATER 'B' VENT TO OUTSIDE AIR</li> <li>MATER HEATER 'B' VENT TO OUTSIDE AIR</li> <li>MATER HEATER 'B' VENT TO OUTSIDE AIR</li> </ol>	BUILDING
94. LINE OF WALL BELOW 41. LINE OF FLOOR BEOVE 42. LINE OF FLOOR BELOW 43. MIN: 36 HIGH GLARPAIL (REFER TO DETAIL SHEETS) 50. ANNU BAD LOO ATTOM TO THAN FOR UTKINT	CODES
50. A/C PAD LOCATION 51. LOW WALL - 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 58. 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	
6. SECTIONAL GARAGE DOOR PER SPECS 66. SECTIONAL GARAGE DOOR PER SPECS 66. 3° DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDNETT INTO CONCRETE.	
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/ MRAP. 70. EGRESS WINDOW	ISSUE DATE: 03/24/21
75. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6"	PROJECT No.: 1350999:56
76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 77. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE	DIVISION MGR.: DS REVISIONS: 12/17/21
# SLAB PLAN NOTES	
NOTE: NOT ALL KEY NOTES APPLY. I. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE	■ <u>1</u> NC21051CNP / 04/16/21 / KBA ■
<ol> <li>I/4" PER FT. MIN.</li> <li>CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/8" PER.</li> </ol>	ATTIC ACESS     NC21062CNP / 11/19/21 / KBA
I'-O" MIN. TOWARD DOOR OPENING. 3. CONCRETE FOUNDATION PER STRUCTURAL.	ADD DECK OPTION ADD DECK OPTION NC21056NCP · 12/17/21 · CTD
4. 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.	n _ n
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	
NITH MIN. 12" EMBEDMENT INTO CONCRETE. 9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.	B   B
I. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.	PP
II. 4" MIN. 8 1/4" MAX. TO HARD SURFACE.	FOR INTERNAL USE ONLY REVIEWED BY:
<ol> <li>I2. A/C PAD. VERIFY LOCATION.</li> <li>I3. 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN.</li> </ol>	II
	<b>n</b> 5 <b>n</b>
	PLAN:
	240.2539-R
	SHEET:
NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE	<b>9.1</b>
NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE	SPEC. LEVEL 1
NOTE: REFER TO BASIC FLOOR FLAN FOR INFORMATION NOT SHOWN HERE	RALEIGH DURHAM
NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE	40' SERIES



SUNROOM AT CRAWL SPACE

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

Ŧ	ELEVATION NOTES	
NO	TE: NOT ALL KEY NOTES APPLY. 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. 6.	G.I. DRIP SCREED 24"x24" CHIMNEY	.   <b>N</b> V  .
7. 8.	DECORATIVE VENT	
9.	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	
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. 19.	STONE VENEER PER SPECS BRICK/MAGONRY VENEER PER SPECS	COUNTY KORTH CARDELINA
20	BUILT UP BRICK COLUMN	B B - MASTER SET - B B 01/26/2022
1	SOLDIER COURSE ROWLOCK COURSE	
23.	FRIEZE BOARD	
25.	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.) FIBER-CEMENT SMOOTH BOARD SEE SPECS	40' SERIES
	FIBER-CEMENT SMOOTH BOARD SEE SPECS DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	KB HOME
	BRACKET OR KICKER - FYPHON OR EQ.	NORTH CAROLINA DIVISION
1	ENTRY DOOR CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4506 S. MIAMI BLVD.
1	SECTIONAL GARAGE DOOR PER SPECS ALUMINUM WRAP	SUITE 180
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703 ■ TEL: (919) 768-7980 ■
38.	OPTIONAL STANDING SEAM METAL ROOF KEYSTONE	FAX: (919) 544-2928
	SOLDIER CROWN JACK SOLDIER COURSE	
	WATER TABLE ATRIUM DOOR	
43.	PILASTER - SEE ELEVATION FOR TYPE	2018 NORTH
H H	PARTIAL PLAN NOTES	CAROLINA STATE
27.	WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH PLATTORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS) WATER HEATER 'B' VENT TO OUTSIDE AIR	
28. 29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	BUILDING
39. 41. 42	VALVE WALL BELOW LINE OF FLOOR ABOVE LINE OF FLOOR BELOW	CODES
48 50	LINE OF FLOOR BELOM MIN 36" HIGH GUADRAIL (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. 58.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT FLAT SOFFIT ARCHED SOFFIT	
60 61.	OPT. DOOR/ WINDOW PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. BRICK / STONE VENEER - REFER TO ELEVATIONS	
62. 63.	BRICK / STONE VENEER - REFER TO ELEVATIONS SECTIONAL GARAGE DOOR PER SPECS	
66.	BRICK / STONE VENEER - REFER TO ELEVATIONS 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 NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR	
6	APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH). P.T. POST W/ WRAP.	ISSUE DATE: 03/24/21
70	EGRESS WINDOW	ISSUE DATE: 03/24/21 PROJECT No.: 1350999:56
76.	MINLOW LEUGE: HEIGHT & MILLINGS UNC. BEYOND WINDOWS) ON ALL SIDES UNC. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB. SLOPE 1/4' PER FT. MIN. SEE PLAN FOR	DIVISION MGR.: DS
[#	SLAR PLAN NOTES	REVISIONS: 12/17/21
NO	TE: NOT ALL KEY NOTES APPLY.	DIVISION REVISION NC2105ICNP / 04/16/21 / KBA
1.	CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE	ATTIC ACESS 2 NC21062CNP / 11/19/21 / KBA B
2.	CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. I'-O" MIN. TOWARD DOOR OPENING. CONCRETE FOLIDIATION PER STRUCTURAL	ADD DECK OPTION
3. 4.	CONCRETE FOUNDATION PER STRUCTURAL. CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.	MC21056NCP · 12/17/21 · CTD
5.	CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.	<b>R R</b>
6.	PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.	
7.	5" BRICK LEDGE FOR MASONRY VENEER.	<b>¤</b>   <b>¤</b>
8. 9.	3" DIANETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE	8 8
ч. ю.	ELEVATIONS.	-
IU.	VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB. 4" MIN. & 1/4" MAX. TO HARD SURFACE.	FOR INTERNAL USE ONLY REVIEWED BY:
	A/C PAD. VERIFY LOCATION. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.	
	ou much menimi - seure l'Attrem F1. MIN.	
		<i>6</i>
		PLAN:
		240.2539-R
NO	TE:	SHEET:
RE	IEL TER TO BASIC <b>ROOF PLAN</b> FOR INFORMATION NOT DWN HERE	9.2
NORE	T <u>EL</u> TER TO BASIC <b>ELEVATIONS</b> FOR INFORMATION NOT JOIN HERE	
		SPEC. LEVEL 1
<b>2</b>	T <u>E:</u> TER TO BASIC <u>FLOOR PLAN</u> FOR INFORMATION NOT WN HERE	RALEIGH-DURHAM
	TE: TER TO BASIC <u>SLAB PLAN</u> FOR INFORMATION NOT JOIN HERE	40' SERIES
SHC	ER TO BASIC <u>SLAB PLAN</u> FOR INFORMATION NOT DWN HERE	1 40 SEKIES

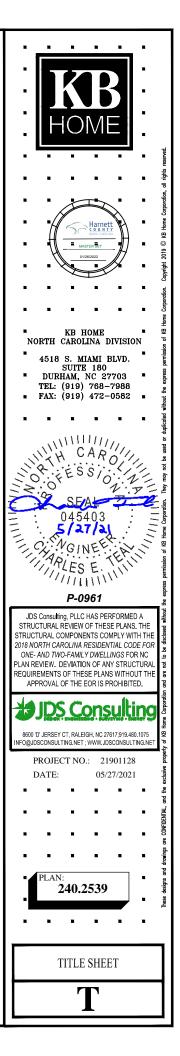
## **STRUCTURAL PLANS FOR:**



# 240.2539 - RH GARAGE

<b>REV. DATE</b>	ARCH PLAN VERSION	REVISION DESCRIPTION	DRF
02/15/2021	2539-240 LH D0 - 02.10.21	STRUCTURAL SETUP	ABS
03/24/2021	2539-240 LH D1 - 03.16.21	WINDOW REVISED FROM 4030 TO 3030 AT REAR KITCHEN	ABS
05/25/2021	2539-240 LH D1 - 03.16.21	ADDED STEM WALL FOUNDATION AND THE SLAB FIBER NOTES	TRO

NC	TES	CODE	ENGINEER OF
<ol> <li>ENGINEER'S SEAL APPLIES TO STRUCTURAL COMPONENTS ONLY. ENGINEER'S SEAL DOES NOT CERTIFY DIMENSIONAL ACCURACY OR ARCHITECTURAL LAYOUT, INCLUDING ROOF GEOMETRY. 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.</li> <li>DIMENSIONS SHALL GOVERN OVER SCALE, AND CODE SHALL GOVERN OVER DIMENSIONS.</li> </ol>	<ol> <li>PLANS MUST HAVE SIGNED SEAL TO BE VALID AND ARE LIMITED TO THE FOLLOWING USES:</li> <li>A. IF THESE PLANS ARE ISSUED AS A MASTER-PLAN SET, THE SET IS VALID FOR 18 MONTHS FROM THE DATE ON THE SEAL, UNLESS ANY CODE-REQUIRED UPDATES ARE PLACED IN EFFECT BY THE MUNICIPALITY.</li> <li>B. IF THESE PLANS ARE NOT ISSUED AS A MASTER-PLAN SET, THE SET IS VALID FOR A CONDITIONAL, ONE-TIME USE FOR THE LOT OR ADDRESS SPECIFIED ON THE TITLE BLOCK.</li> </ol>	ALL CONSTRUCTION, WORKMANSHIP, AND MATERIAL QUALITY AND SELECTION SHALL BE PER: 2018 NORTH CAROLINA STATE BUILDING CODE: RESIDENTIAL CODE	JDS Consulting, PLLC DESIGN · ENGINEERING · SUF 8600 'D' JERSEY COURT RALEIGH, NC 27617 FIRM LIC. NO: P-0961 PROJECT REFERENCE: 21901





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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 VERIFY 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 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

0.000 000

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

#### DESIGN LOADS

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

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

		KS LVL	KING STUD COLUMN LAMINATED VENEER
ABV AFF ALT BRG BSMT CANT CJ CLG COL COL COL COL COL COL COL COL COL DDBL DIAM DJ DN DP DR DSP EA EE EQ EX	EVIATIONS ABOVE ABOVE FINISHED FLOOR ALTERNATE BEARING BASEMENT CANTILEVER CEILING JOIST CEILING CONCRETE MASONRY UNIT CASED OPENING COLUMN CONCRETE CONTINUOUS CLOTHES DRYER DOUBLE DIAMETER DOUBLE DIAMETER DOUBLE JOIST DOWN DEEP DOUBLE RAFTER DOUBLE RAFTER DOUBLE RAFTER DOUBLE STUD POCKET EACH EACH END EQUAL EXTERIOR FORCED-AIR UNIT FOUNDATION FINISHED FLOOR FLOOR(ING) FIREPLACE	LVL MAX MECH MFTR MIN NTS OA OC PT R REF RFG RFG RFG SS SF SHTG SHW SIM SJ SP SPEC'D SQ T TEMP THK TJ TOC TR	LAMINATED VENEER LUMBER MAXIMUM MECHANICAL MANUFACTURER MINIMUM NOT TO SCALE OVERALL ON CENTER PRESSURE TREATED RISER REFRIGERATOR ROOF SUPPORT STUD COLUMN SQUARE FOOT (FEET) SHELF / SHELVES SHEATHING SHOWER SIMILAR SINGLE JOIST STUD POCKET SPECIFIED SQUARE TREAD TEMPERED GLASS THICK(NESS) TRIPLE JOIST TOP OF CURB / CONCRETE TRIPLE RAFTER
FP FTG	FIREPLACE FOOTING		
HDR	FOOTING HOSE BIBB HEADER HANGER JACK STUD COLUMN		
	SAGE OF DE OULUMN	XJ	EXTRA JOIST

#### MATERIALS

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

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

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

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

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

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

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

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

LSL STRUCTURAL MEMBERS TO BE LAMINATED STRAND LUMBER 5. 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. Fv = 50 KSI
- REBAR SHALL BE DEFORMED STEEL CONFORMING TO ASTM A615, 7. GRADE 60.
- POURED CONCRETE COMPRESSIVE STRENGTH TO BE A MINIMUM 3.000 PSI AT 28 DAYS, MATERIALS USED TO PRODUCE CONCRETE SHALL COMPLY WITH THE APPLICABLE STANDARDS LISTED IN AMERICAN CONCRETE INSTITUTE STANDARD ACI 318 OR ASTM C1157
- CONCRETE SUBJECT TO MODERATE OR SEVERE WEATHERING 9. 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 C270.
- FRAMING CONNECTORS, AND HOLD-DOWNS ARE SIMPSON STRONG-TIE BRAND. EQUIVALENT USP BRAND PRODUCTS ARE ACCEPTABLE.
- 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.
- 2. CONCRETE FOUNDATION WALLS TO BE SELECTED AND 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 TABLE R404.1.1(1) OR AS NOTED OR DETAILED. MASONRY WALLS WITH VERTICAL REINFORCEMENT TO BE PER TABLES R404.1.1 (2 THROUGH 4) OR AS NOTED OR DETAILED. ALL MASONRY WALLS SHALL COMPLY WITH APPLICABLE PROVISIONS OF CHAPTER 6.
  - A. TABLES ASSUME THAT WALLS HAVE PERMANENT LATERAL SUPPORT AT THE TOP AND BOTTOM.
  - В. 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 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
- 9. ALL FOOTINGS TO HAVE MINIMUM 2" PROJECTION ON EACH SIDE OF FOUNDATION WALLS (SEE DETAILS).
- 10. ALL REBAR NOTED IN CONCRETE TO HAVE AT LEAST 2" COVER FROM EDGE OF CONCRETE TO EDGE OF REBAR.
- 11. FRAMING TO BE FLUSH WITH FOUNDATION WALLS.
- 12. WITH CLASS 1 SOILS, VAPOR BARRIER AND CRUSHED STONE MAY BE OMITTED.

#### FRAMING

- 3. WITH 2x4 STUDS @ 24" OC.
  - STRUCTURAL COMPONENTS
- CONSTRUCTION.
- - LUMBER.

  - DETAILS.

## SPECIFICATIONS.

- - MANUFACTURER.
  - C.
  - р DRAWINGS

- EACH END OF FLITCH BEAM.

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

- 12. INDICATED MODEL NUMBERS FOR ALL METAL HANGERS, STRAPS,
- 13. REFER TO I-JOIST EQUIVALENCE CHART ON I-JOIST DETAIL SHEET

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.

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

5. 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.

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# UPLIFT 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

9. 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

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

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

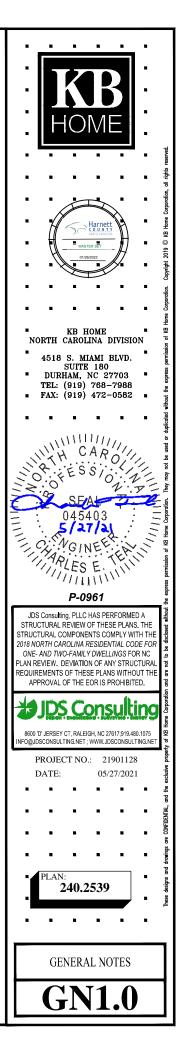
12. STEEL FLITCH BEAMS TO BE BOLTED TOGETHER USING (2) ROWS OF 1/2" DIAMETER BOLTS (ASTM 307) WITH WASHERS PLACED LINDER THE THREADED END OF THE BOLT, BOLTS TO BE SPACED AT 24" OC (MAX) AND STAGGERED TOP AND BOTTOM OF BEAM (2" EDGE DISTANCE, WITH TWO BOLTS TO BE LOCATED AT 6" FROM

13. 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).

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

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

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



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

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

DETAILS AND NOTES ON DRAWINGS GOVERN.

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

MAX HEIGHT (PLATE TO PLATE) FRAMING MEMBER SIZE 115 MPH ULTIMATE DESIGN WIND SPE	ED
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) 228 @ 468 00 271 08	
(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.

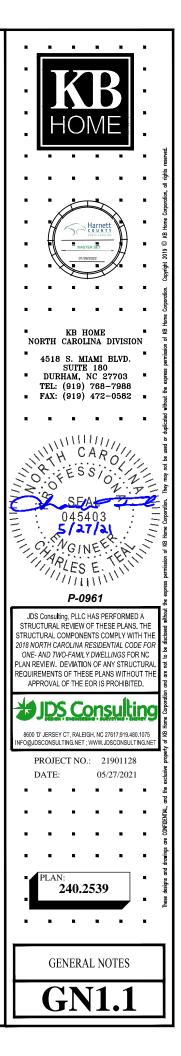
#### STICK-FRAMED ROOF - STRUCTURAL NOTES

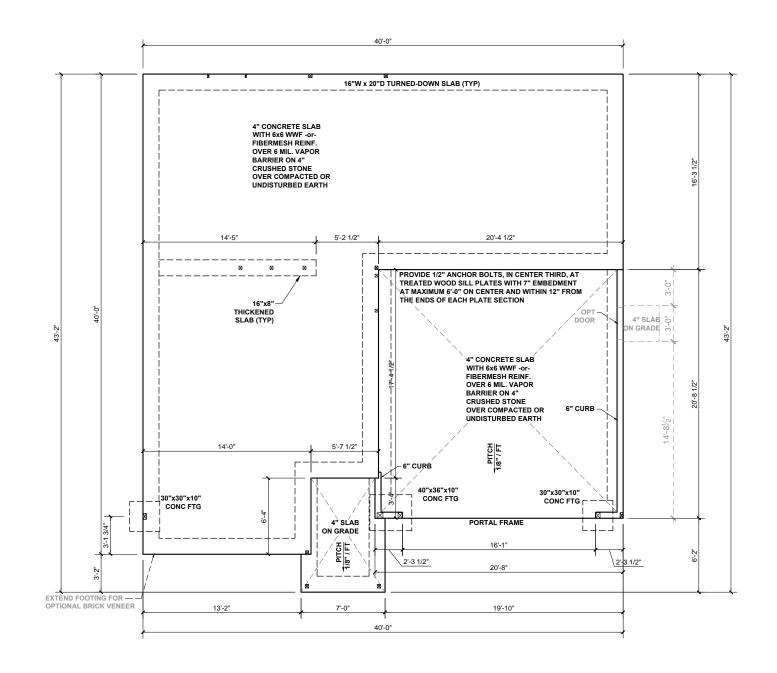
- 1. PROVIDE 2x4 COLLAR TIES AT 48" OC AT UPPER THIRD OF RAFTERS, UNLESS NOTED OTHERWISE.
- 2. FUR RIDGES FOR FULL RAFTER CONTACT.
- 3. PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.
- 4. DENOTES OVER-FRAMED AREA
- 5. MINIMUM 7/16" OSB ROOF SHEATHING
- 6. PROVIDE 2x4 RAFTER TIES AT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

BF	BRICK VENEER LINTEL SCHEDULE			
SPAN	SPAN STEEL ANGLE SIZE END BEARING LENGTH			
UP TO 42"	P TO 42" L3-1/2"x3-1/2"x1/4" 8" (MIN. @ EACH			
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  $4^{x}x^{3}-1/2^{x}x^{1/4^{u}}$ 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

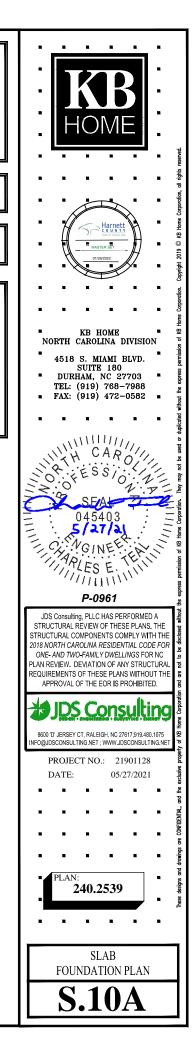
INTERIOR LOAD BEARING WALL
 ROOF RAFTER / TRUSS SUPPORT
 DOUBLE RAFTER / DOUBLE JOIST
 STRUCTURAL BEAM / GIRDER
 WINDOW / DOOR HEADER
POINT LOAD TRANSFER
POINT LOAD FROM ABOVE
BEARING ON BEAM / GIRDER

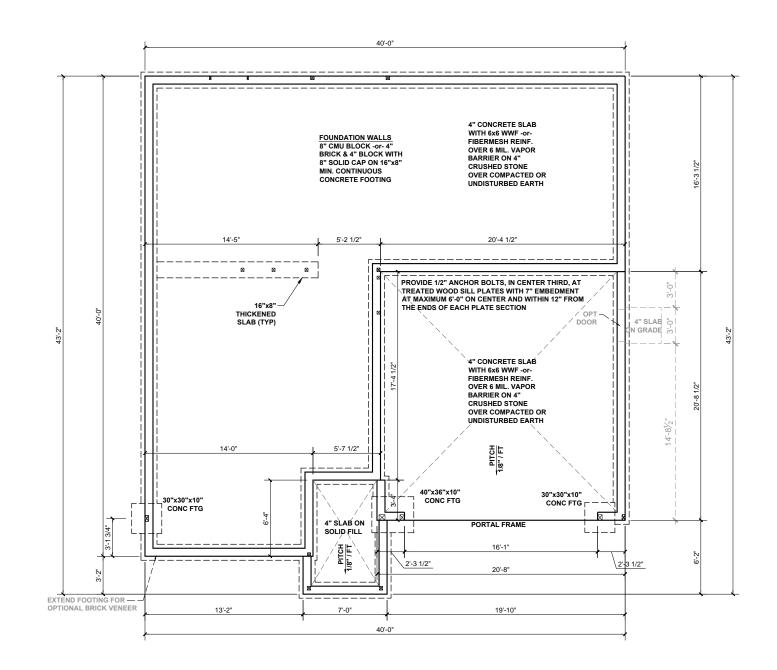
(1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)

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 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
- 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
- MANUFACTURES SPECIFICATIONS





**STEM WALL FOUNDATION PLAN - 'A'** 

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

#### BEAM & POINT LOAD LEGEND

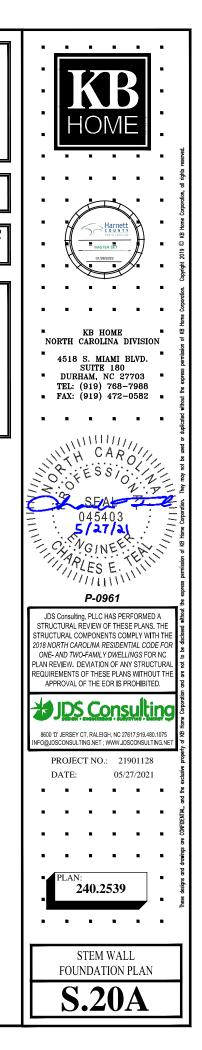
INTERIOR LOAD BEARING WALL
 ROOF RAFTER / TRUSS SUPPORT
 DOUBLE RAFTER / DOUBLE JOIST
 STRUCTURAL BEAM / GIRDER
 WINDOW / DOOR HEADER
POINT LOAD TRANSFER
POINT LOAD FROM ABOVE
BEARING ON BEAM / GIRDER

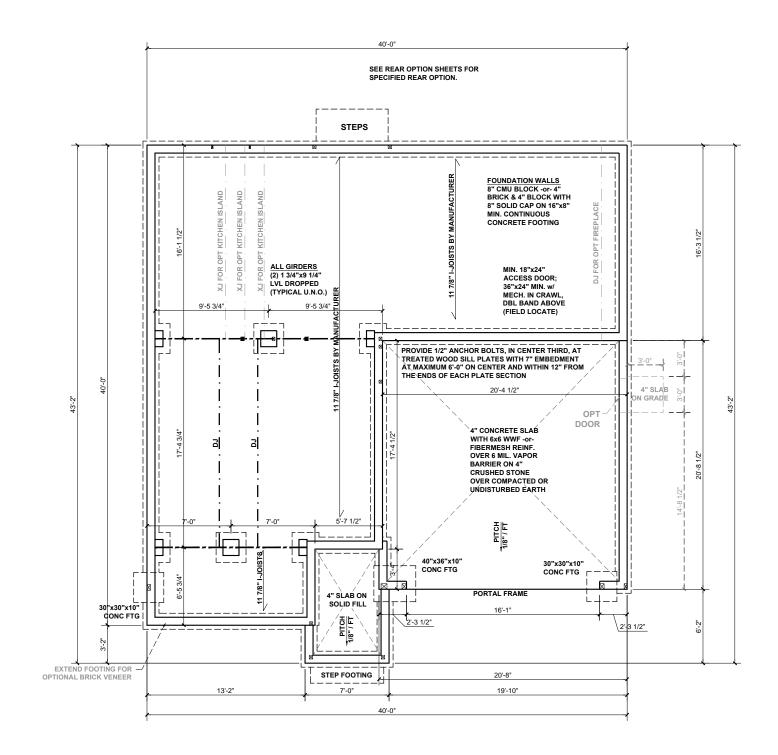
(1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)

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 RAISED METAL DECKING NO SUBSTITUTION ALLOWED IN SLABS WITH GRADE BEAMS UNLESS A REBAR MAT IS INSTALLED NO SUBSTITUTION ALLOWED IF ANY SOLS 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
- FIBER MIX VOLUMES MUST BE FOLLOWED PER THE
- MANUFACTURES SPECIFICATIONS





**CRAWL SPACE FOUNDATION PLAN - 'A'** 

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

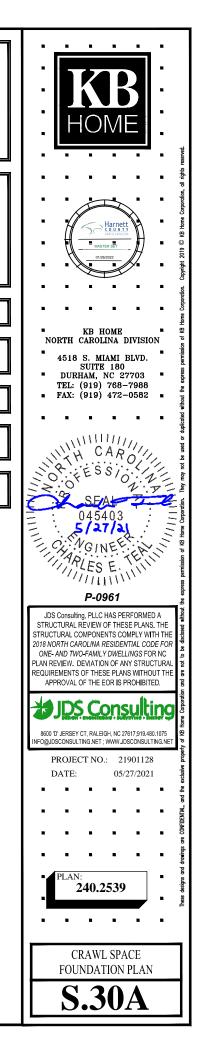
BEAM & POINT LOAD LEGEND			
	INTERIOR LOAD BEARING WALL		
	- ROOF RAFTER /	TRUSS SUPPORT	
	DOUBLE RAFTER	R / DOUBLE JOIST	
	- STRUCTURAL BE	EAM / GIRDER	
	WINDOW / DOOR	HEADER	
×	POINT LOAD TRA	NSFER	
	POINT LOAD FRO		
	BEARING ON BEA	AM / GIRDER	
Ē	OUNDATION STRUCTUR	RAL NOTES :	
1. C	ONCRETE BLOCK 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			

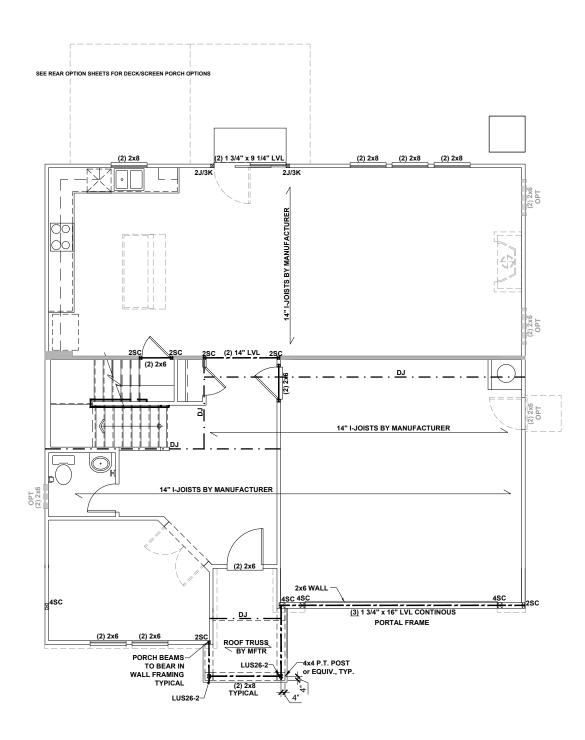
\*\*REFER TO I-JOIST EQUIVALENCE CHART ON I-JOIST DETAIL SHEET FOR SUBSTITUTION OF MANUFACTURER SERIES

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'

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
$\boxtimes$	POINT LOAD TRANSFER
	POINT LOAD FROM ABOVE
	BEARING ON BEAM / GIRDER

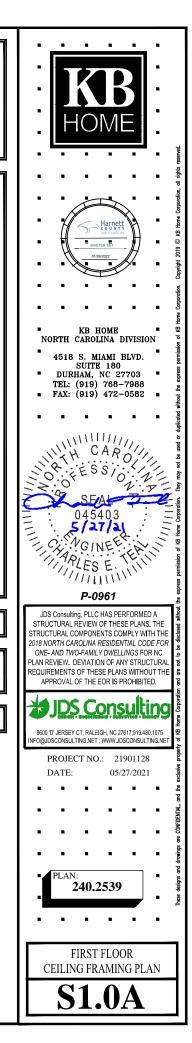
#### STRUCTURAL FRAMING NOTES - (SEE GENERAL NOTES SHEET FOR ADDITIONAL REQUIREMENTS.)

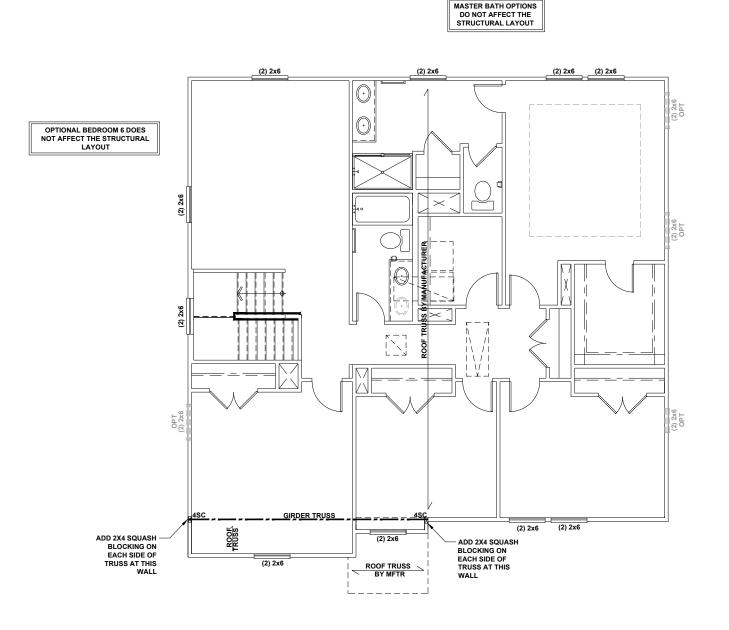
- 1. ALL FRAMING TO BE #2 SPF MINIMUM.
- ALL BEARING HEADERS TO BE (2) 2x6 SUPPORTED w/ MIN (1) JACK AND (1) KING EACH END, UNO.
- 3. EXTERIOR WALL OPENINGS OVER 3' TO HAVE MULTIPLE KING STUDS AS NOTED ON PLAN.
- 4. ALL NON-BEARING HEADERS TO BE (2) 2x4 (1) J / (1) K, UNO.
- 5. PROVIDE CONTINUOUS BLOCKING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

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

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

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





**SECOND FLOOR CEILING FRAMING PLAN - 'A'** 

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

#### BEAM & POINT LOAD LEGEND

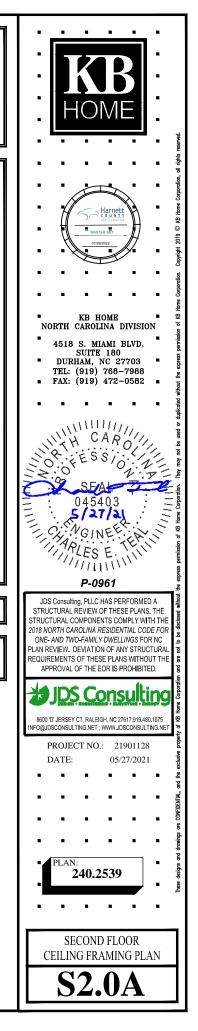
	INTERIOR LOAD BEARING WALL
	ROOF RAFTER / TRUSS SUPPORT
	DOUBLE RAFTER / DOUBLE JOIST
	STRUCTURAL BEAM / GIRDER
	WINDOW / DOOR HEADER
$\boxtimes$	POINT LOAD TRANSFER
	POINT LOAD FROM ABOVE
	BEARING ON BEAM / GIRDER

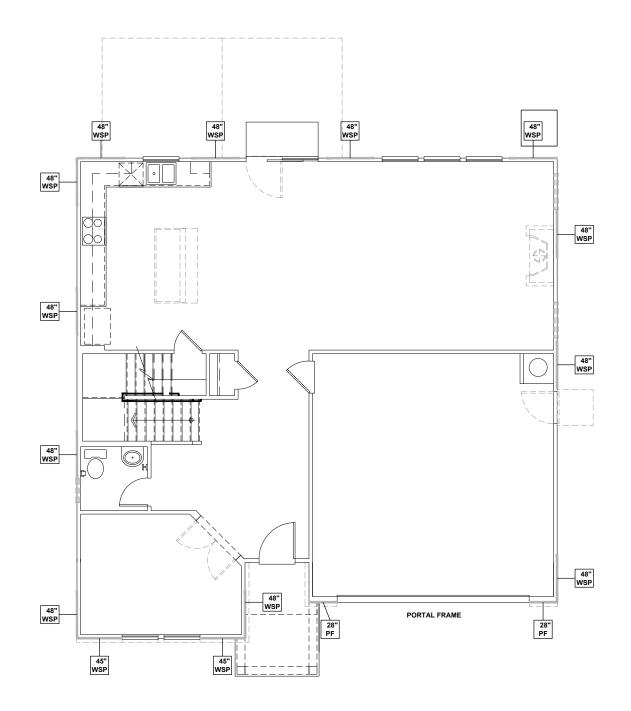
#### STRUCTURAL FRAMING NOTES - (SEE GENERAL NOTES SHEET FOR ADDITIONAL REQUIREMENTS.)

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

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

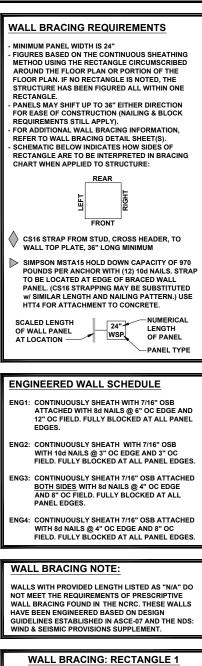
ALL FLUSH BEAMS TO BE DIRECTLY SUPPORTED BY (2) 2X\_STUDS UNLESS OTHERWISE NOTED. STUD COLUMNS TO BE SUPPORTED BY SOLID BLOCKING TO FOUNDATION OR TO BEARING COMPONENT BELOW.



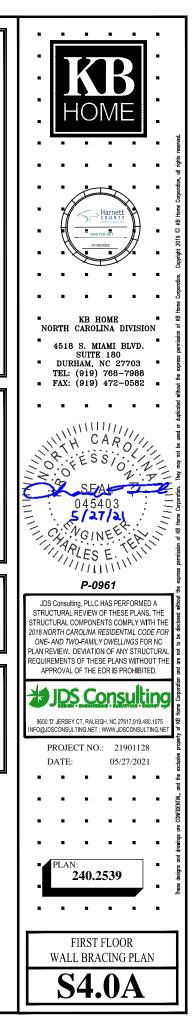


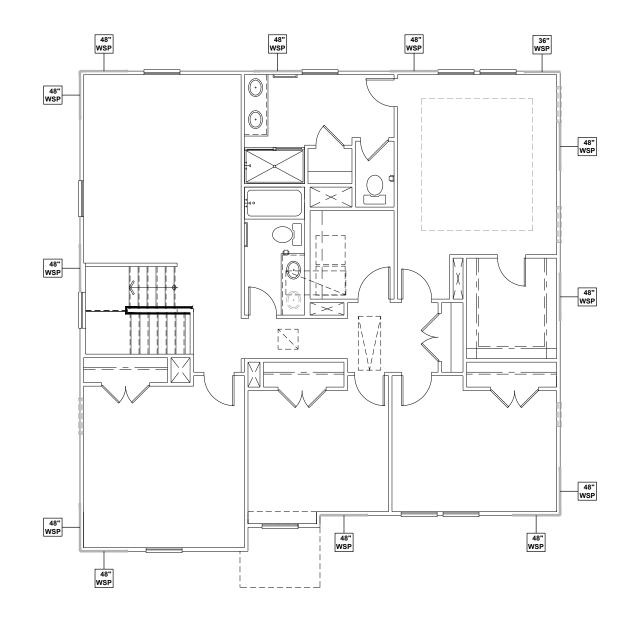
FIRST FLOOR WALL BRACING PLAN - 'A'

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



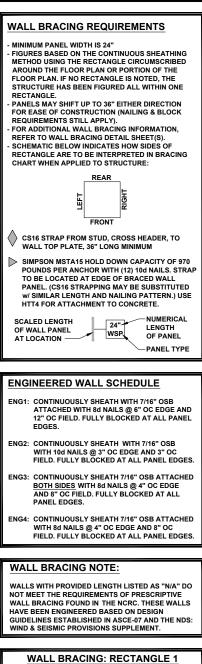
WALL BRACING: RECTANGLE 1		
SIDE	REQUIRED LENGTH	PROVIDED LENGTH
FRONT	11.0 FT.	14.5 FT.
RIGHT	11.0 FT.	16.0 FT.
REAR	11.0 FT.	16.0 FT.
LEFT	11.0 FT.	16.0 FT.



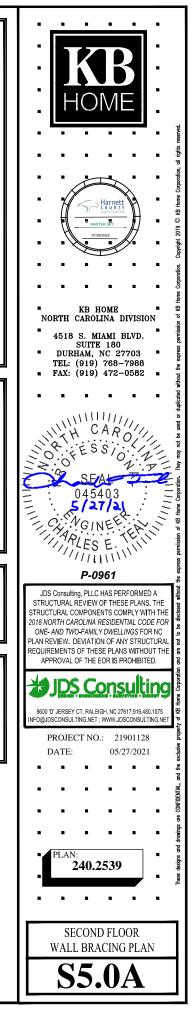


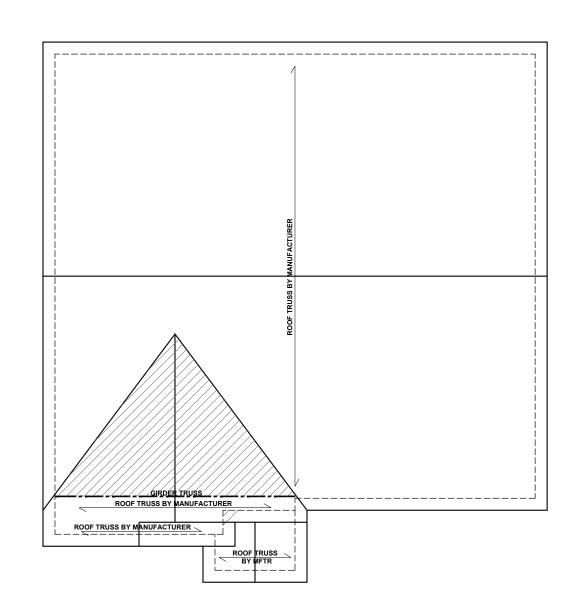
**SECOND FLOOR WALL BRACING PLAN - 'A'** 

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



WALL BRACING: RECTANGLE 1		
SIDE	REQUIRED LENGTH	PROVIDED LENGTH
FRONT	6.0 FT.	12.0 FT.
RIGHT	6.0 FT.	12.0 FT.
REAR	6.0 FT.	13.0 FT.
LEFT	6.0 FT.	12.0 FT.





**ROOF FRAMING PLAN - 'A'** 

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

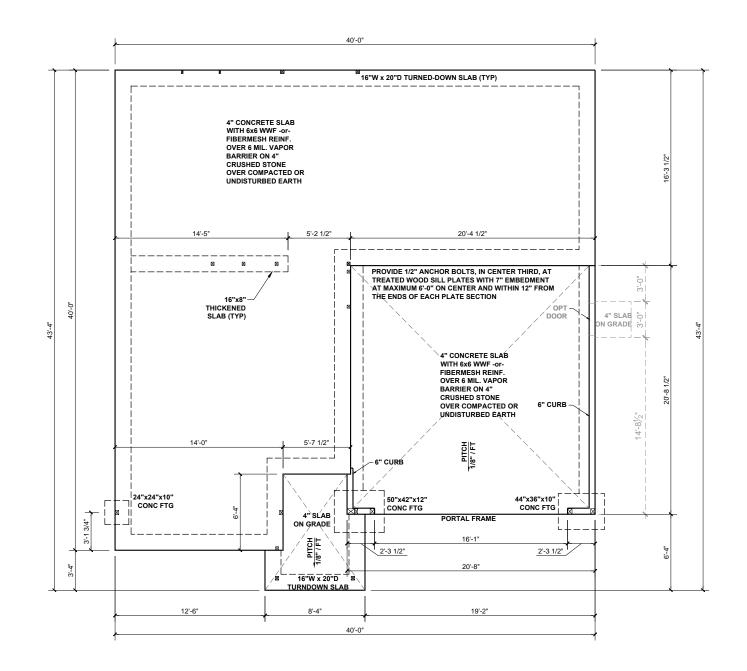
BEAM & POINT LOAD LEGEND	
INTERIOR LOAD BEARING WALL	
ROOF RAFTER / TRUSS SUPPORT	
STRUCTURAL BEAM / GIRDER     WINDOW / DOOR HEADER	
POINT LOAD TRANSFER	
POINT LOAD FROM ABOVE	
BEARING ON BEAM / GIRDER	
	u
TRUSSED ROOF - STRUCTURAL NOTES	
1. PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT 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	• кв номе •
ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.	NORTH CAROLINA DIVISION
5. MANUFACTURER TO PROVIDE REQUIRED UPLIFT CONNECTION.	4518 S. MIAMI BLVD. SUITE 180
6. PROVIDE H2.5A (MINIMUM) OR EQUIVALENT AT	■ DURHAM, NC 27703 ■ TEL: (919) 768-7988
EACH TRUSS-TO-TOP PLATE CONNECTION AT OVER-FRAMED AREAS, UNLESS NOTED	<b>FAX:</b> (919) 472–0582
OTHERWISE.	
7. UPLIFT CONNECTION TO BE CARRIED THROUGH TO FLOOR SYSTEM.	AA11111
	CAR
TRUSS UPLIFT CONNECTORS: EXPOSURE B, 115 MPH, ANY PITCH, 24" O.C. MAX ROOF TRUSS SPACING	SOUTE SO OUT
TRUSSES SHALL BE ATTACHED TO SUPPORT WALL	SEAL TO
FOR UPLIFT RESISTANCE. CONTINUOUS OSB WALL SHEATHING BELOW PROVIDES CONTINUOUS UPLIFT	C 045402
RESISTANCE TO FOUNDATION. ALL TRUSSES SUPPORTED BY INTERMEDIATE SUPPORT WALLS,	5/27/21 3
KNEEWALLS, OR BEAMS SHALL BE ATTACHED TO	- ONNOUSE
SUPPORTING MEMBER PER SCHEDULE:	CINE TER
ROOF SPAN IS MEASURED HORIZONTALLY BETWEEN FURTHEST SUPPORT POINTS.	P-0961
ROOF PLAN         CONNECTOR           UP TO 28'         NAILING PER TABLE 602.3(1)	P-0961
NCRBC 2018 EDITION	JDS Consulting, PLLC HAS PERFORMED A
OVER 28' (1) SIMPSON H2.5A HURRICANE CLIP TO DBL TOP PLATE OR	STRUCTURAL REVIEW OF THESE PLANS. THE STRUCTURAL COMPONENTS COMPLY WITH THE
BEAM	2018 NORTH CAROLINA RESIDENTIAL CODE FOR
OR (1) SIMPSON H3 CLIP TO SINGLE 2x4 PLATE	ONE- AND TWO-FAMILY DWELLINGS FOR NC PLAN REVIEW. DEVIATION OF ANY STRUCTURAL
SINGLE 244 PLATE	REQUIREMENTS OF THESE PLANS WITHOUT THE
	APPROVAL OF THE EOR IS PROHIBITED.
	JDS Consulting
	8600 'D' JERSEY CT, RALEIGH, NC 27617;919.480.1075 INFO@JDSCONSULTING.NET ; WWW.JDSCONSULTING.NET
	PROJECT NO.: 21901128 DATE: 05/27/2021
	DATE. 03/2//2021
	1
	DLAN
	• PLAN: • <b>240.2539</b>

. . . . .

ROOF FRAMING PLAN

**S7.0A** 

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**SLAB FOUNDATION PLAN - 'B'** 

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

#### BEAM & POINT LOAD LEGEND

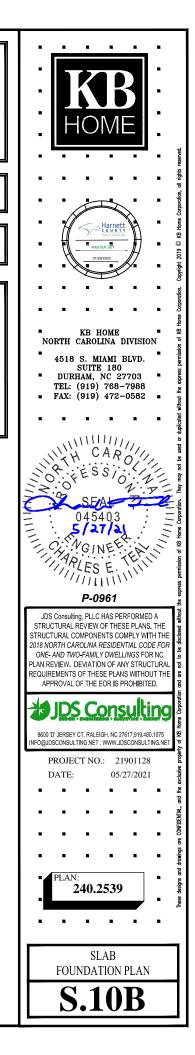
	INTERIOR LOAD BEARING WALL	
	ROOF RAFTER / TRUSS SUPPORT	
	DOUBLE RAFTER / DOUBLE JOIST	
	STRUCTURAL BEAM / GIRDER	
	WINDOW / DOOR HEADER	
	POINT LOAD TRANSFER	
	POINT LOAD FROM ABOVE	
	BEARING ON BEAM / GIRDER	

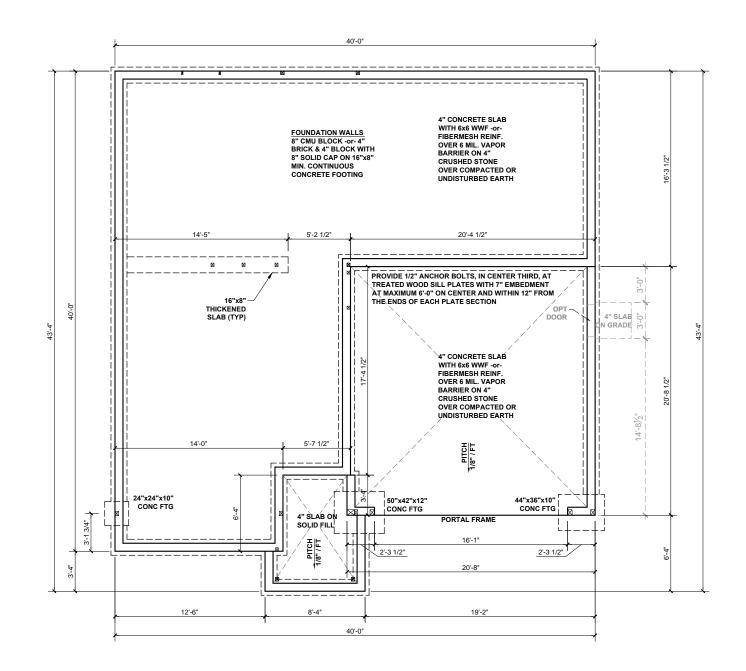
(1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)

ALL CONCRETE CURBS SUPPORTING PORTAL 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 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
- 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 - 'B'** 

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

#### BEAM & POINT LOAD LEGEND

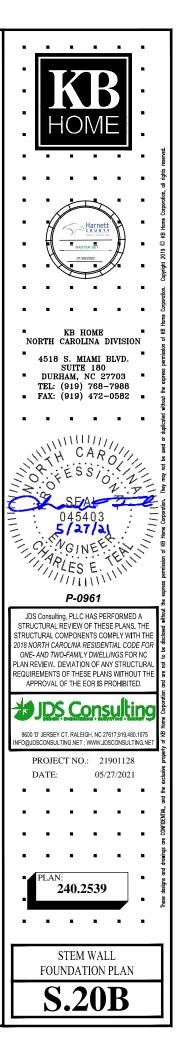
	INTERIOR LOAD BEARING WALL	
	ROOF RAFTER / TRUSS SUPPORT	
	DOUBLE RAFTER / DOUBLE JOIST	
	STRUCTURAL BEAM / GIRDER	
	WINDOW / DOOR HEADER	
	POINT LOAD TRANSFER	
	POINT LOAD FROM ABOVE	
	BEARING ON BEAM / GIRDER	

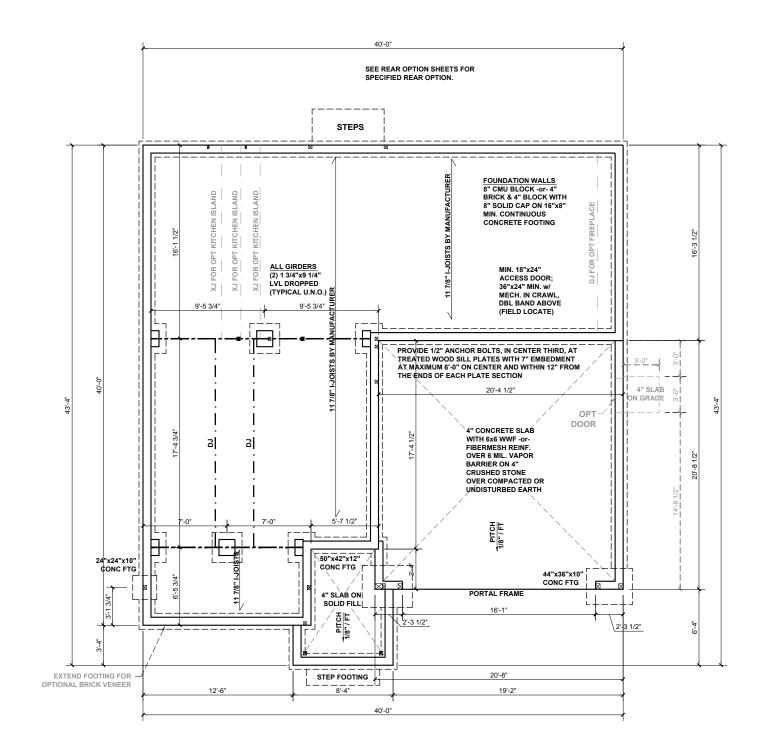
(1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)

ALL CONCRETE CURBS SUPPORTING PORTAL 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 RAISED METAL DECKING NO SUBSTITUTION ALLOWED IN SLABS WITH GRADE BEAMS UNLESS A REBAR MAT IS INSTALLED NO SUBSTITUTION ALLOWED IF ANY SOLS 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
- FIBER MIX VOLUMES MUST BE FOLLOWED PER THE MANUFACTURES SPECIFICATIONS





**CRAWL SPACE 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	
$\boxtimes$	POINT LOAD TRANSFER	
•	POINT LOAD FROM ABOVE	
	BEARING ON BEAM / GIRDER	

I-JOPSTUSPANING NORUCTEXAERONAES".OC IN LOCATIONS WITH TILE FINISH FLOOR I. CONCRETE SLOCK PIER SLEE SHALL BE SIZE HOLLOW MASONRY SOLID MASONRY (1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD DESKINGFOOTINGS TO CC: MIGH 12x16 UP TO 48" HIGH UP TO 9-0" HIGH 14x15 UP TO 48" HIGH UP TO 9-0" HIGH 14x15 UP TO 48" HIGH UP TO 9-0" HIGH 24x24 UP TO 96" HIGH

WITH 30" x 30" x 10" CONCRETE FOOTING, UNO.

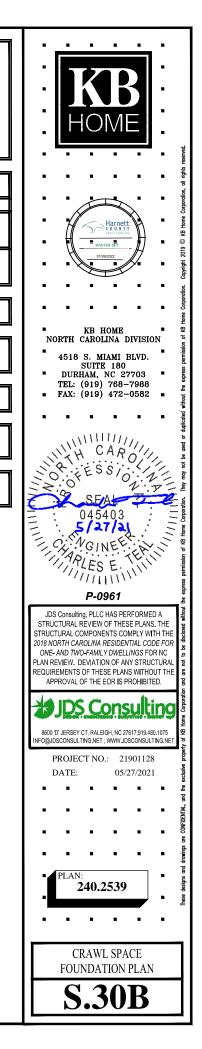
FLOOR FRAMING TO BE 11 7/8" DEEP TJI 210 SERIES OR EQUAL, 19.2" OC MAXIMUM SPACING

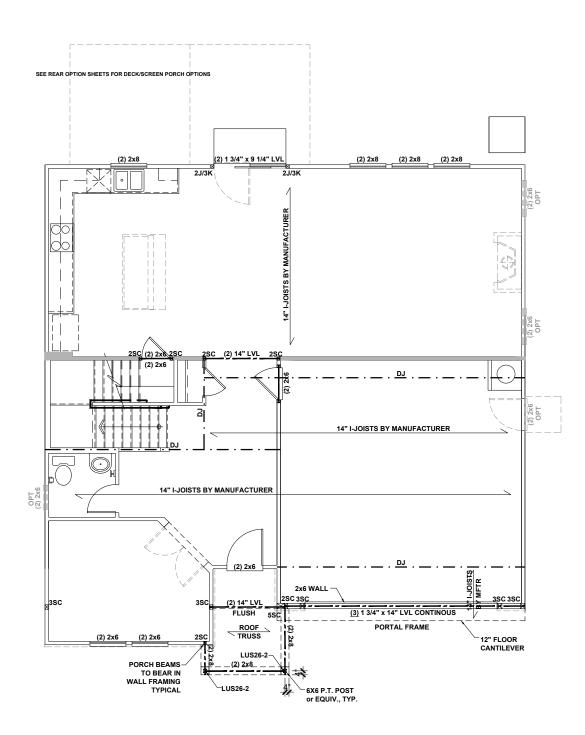
\*\*REFER TO I-JOIST EQUIVALENCE CHART ON I-JOIST DETAIL SHEET FOR SUBSTITUTION OF MANUFACTURER SERIES

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 - 'B'** 

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

BEAM & POINT LOAD LEGEND	1 .
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	
	•

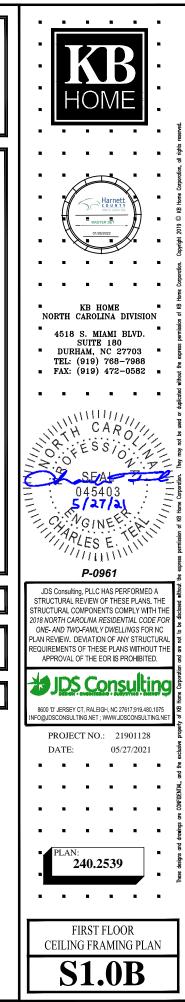
STRUCTURAL FRAMING NOTES - (SEE GENERAL NOTES SHEET FOR ADDITIONAL REQUIREMENTS.)

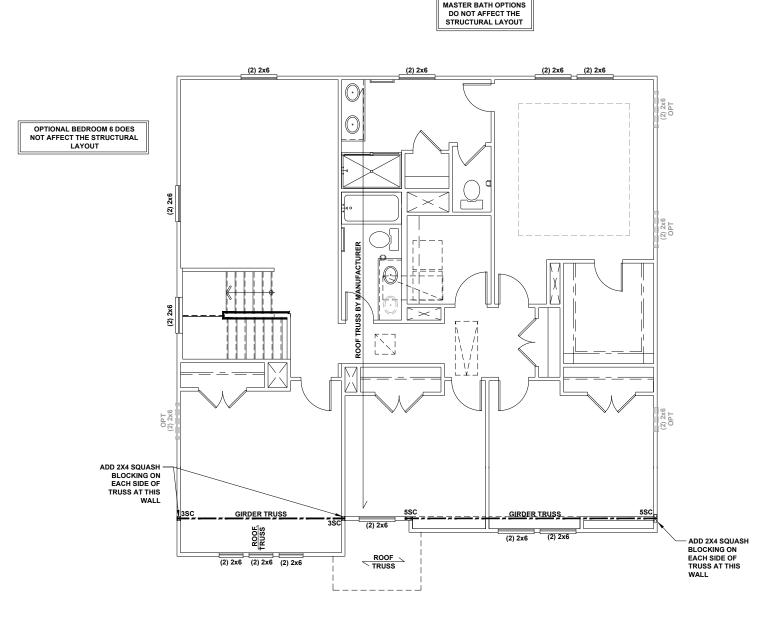
- 1. ALL FRAMING TO BE #2 SPF MINIMUM.
- ALL BEARING HEADERS TO BE (2) 2x6 SUPPORTED w/ MIN (1) JACK AND (1) KING EACH END, UNO.
- 3. EXTERIOR WALL OPENINGS OVER 3' TO HAVE MULTIPLE KING STUDS AS NOTED ON PLAN.
- 4. ALL NON-BEARING HEADERS TO BE (2) 2x4 (1) J / (1) K, UNO.
- 5. PROVIDE CONTINUOUS BLOCKING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

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

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

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





**SECOND FLOOR CEILING FRAMING PLAN - 'B'** 

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

#### BEAM & POINT LOAD LEGEND

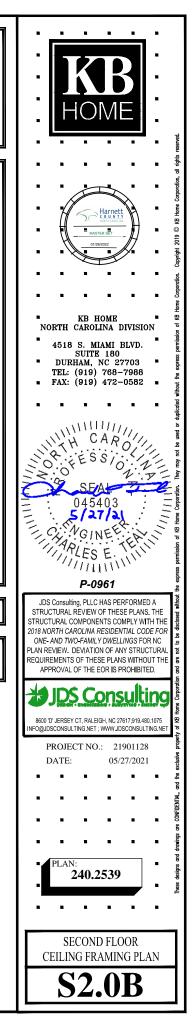
	INTERIOR LOAD BEARING WALL
	ROOF RAFTER / TRUSS SUPPORT
	DOUBLE RAFTER / DOUBLE JOIST
	STRUCTURAL BEAM / GIRDER
	WINDOW / DOOR HEADER
$\boxtimes$	POINT LOAD TRANSFER
	POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER
	DEANING ON DEAM / GIRDER

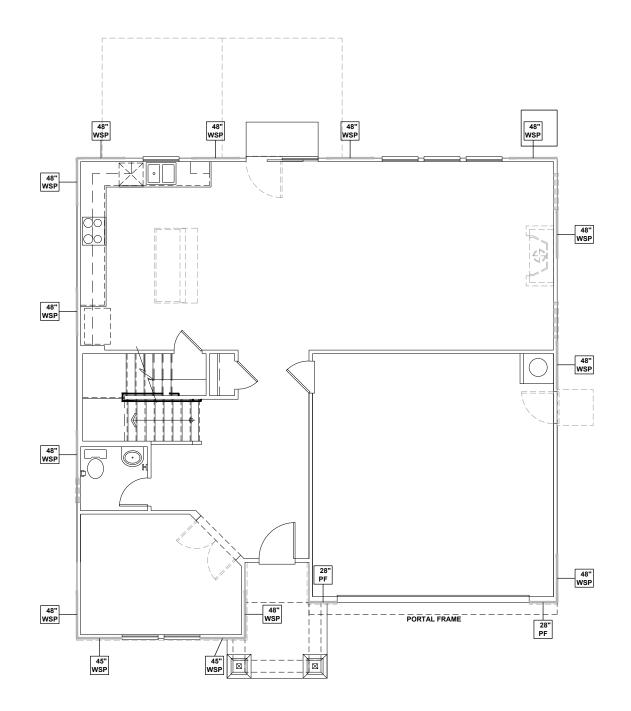
#### STRUCTURAL FRAMING NOTES - (SEE GENERAL NOTES SHEET FOR ADDITIONAL REQUIREMENTS.)

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

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

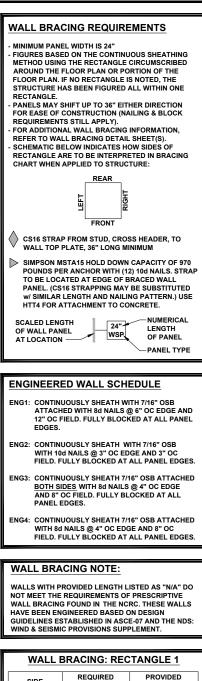
ALL FLUSH BEAMS TO BE DIRECTLY SUPPORTED BY (2) 2X\_STUDS UNLESS OTHERWISE NOTED. STUD COLUMNS TO BE SUPPORTED BY SOLID BLOCKING TO FOUNDATION OR TO BEARING COMPONENT BELOW.



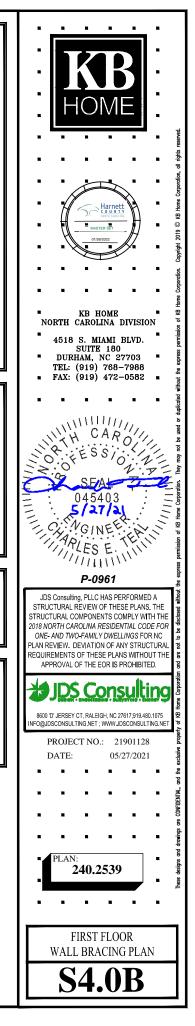


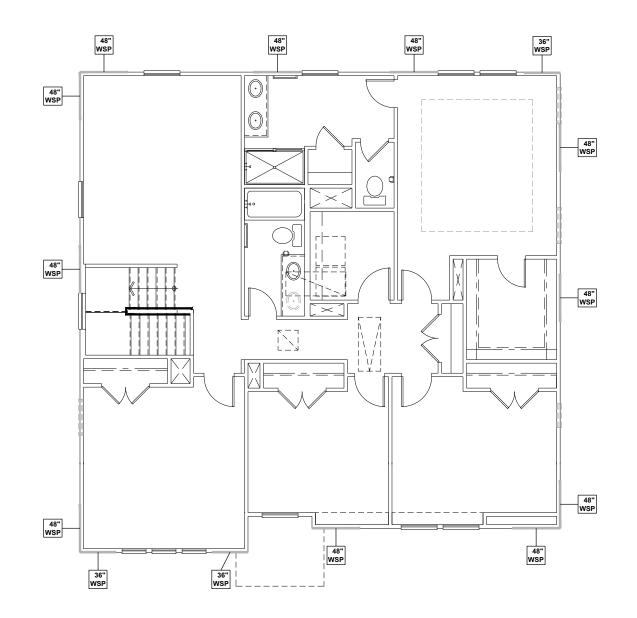
**FIRST FLOOR WALL BRACING PLAN - 'B'** 

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



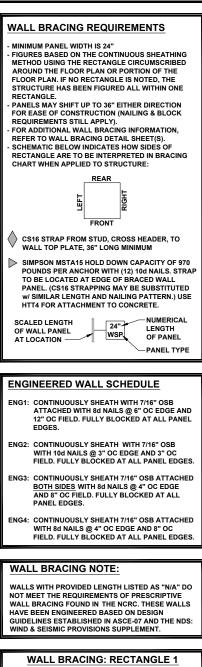
WALL BRACING: RECTANGLE 1		
SIDE	REQUIRED LENGTH	PROVIDED LENGTH
FRONT	11.0 FT.	14.5 FT.
RIGHT	11.0 FT.	16.0 FT.
REAR	11.0 FT.	16.0 FT.
LEFT	11.0 FT.	16.0 FT.



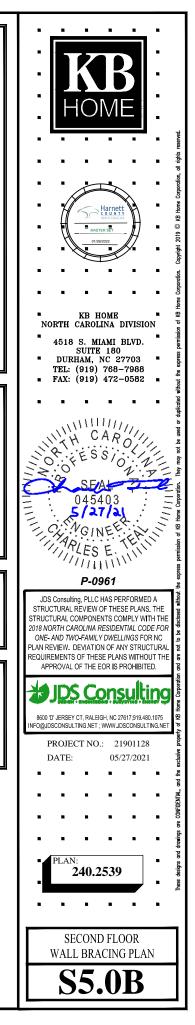


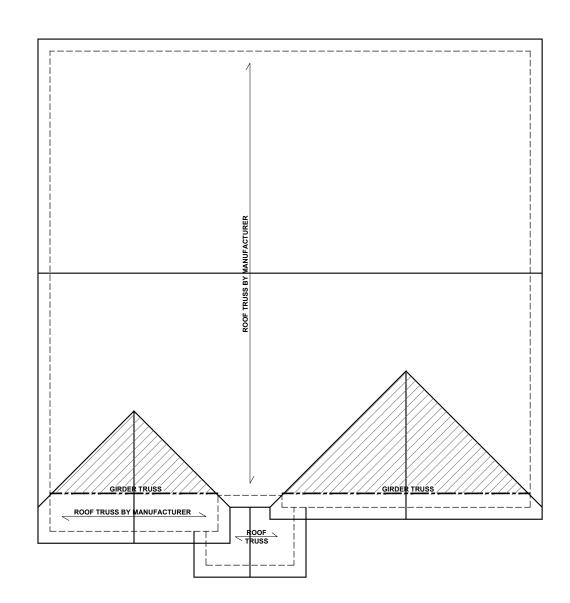
**SECOND FLOOR WALL BRACING PLAN - 'B'** 

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



WALL BRACING: RECTANGLE 1		
SIDE	REQUIRED LENGTH	PROVIDED LENGTH
FRONT	6.0 FT.	14.0 FT.
RIGHT	6.0 FT.	12.0 FT.
REAR	6.0 FT.	13.0 FT.
LEFT	6.0 FT.	12.0 FT.



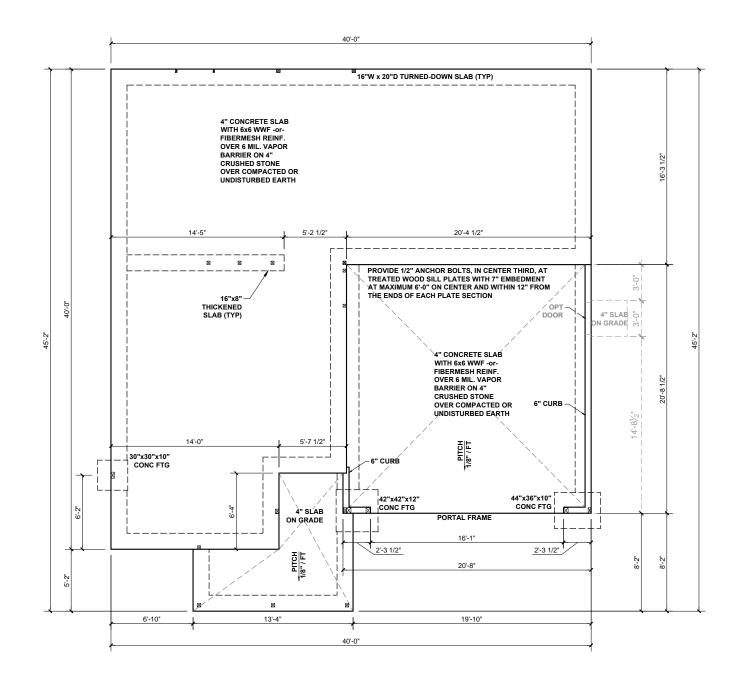


**ROOF FRAMING PLAN - 'B'** 

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

	_
BEAM & POINT LOAD LEGEND	11 · <u>- · · · ·</u> ·
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	
	al
	7
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	в кв номе
INSTRUCTIONS.	NORTH CAROLINA DIVISION
5. MANUFACTURER TO PROVIDE REQUIRED UPLIFT CONNECTION.	4518 S. MIAMI BLVD. SUITE 180
6. PROVIDE H2.5A (MINIMUM) OR EQUIVALENT AT	<ul> <li>DURHAM, NC 27703</li> <li>TEL: (919) 768-7988</li> </ul>
EACH TRUSS-TO-TOP PLATE CONNECTION AT	FAX: (919) 472-0582
OVER-FRAMED AREAS, UNLESS NOTED OTHERWISE.	
7. UPLIFT CONNECTION TO BE CARRIED THROUGH	
TO FLOOR SYSTEM.	NNUUDD.
	CAROLL
TRUSS UPLIFT CONNECTORS: EXPOSURE B, 115 MPH,	R FSS/
ANY PITCH, 24" O.C. MAX ROOF TRUSS SPACING	SOUT
TRUSSES SHALL BE ATTACHED TO SUPPORT WALL	SEAL FY
FOR UPLIFT RESISTANCE. CONTINUOUS OSB WALL SHEATHING BELOW PROVIDES CONTINUOUS UPLIFT	
RESISTANCE TO FOUNDATION. ALL TRUSSES	= 045403
SUPPORTED BY INTERMEDIATE SUPPORT WALLS, KNEEWALLS, OR BEAMS SHALL BE ATTACHED TO	E . Alalia
SUPPORTING MEMBER PER SCHEDULE:	GINE
ROOF SPAN IS MEASURED HORIZONTALLY BETWEEN FURTHEST SUPPORT POINTS.	
ROOF PLAN CONNECTOR	
UP TO 28' NAILING PER TABLE 602.3(1) NCRBC 2018 EDITION	
OVER 28' (1) SIMPSON H2.5A HURRICANE	JDS Consulting, PLLC HAS PERFORMED A STRUCTURAL REVIEW OF THESE PLANS. TH
BEAM	STRUCTURAL COMPONENTS COMPLY WITH 2018 NORTH CAROLINA RESIDENTIAL CODE F
OR (1) SIMPSON H3 CLIP TO	ONE- AND TWO-FAMILY DWELLINGS FOR N
SINGLE 2x4 PLATE	PLAN REVIEW. DEVIATION OF ANY STRUCTU
	REQUIREMENTS OF THESE PLANS WITHOUT APPROVAL OF THE EOR IS PROHIBITED.
	I DS Consultin
	8600 'D' JERSEY CT, RALEIGH, NC 27617;919.480.10' INFO@JDSCONSULTING NET ; WWW.JDSCONSULTING
	PROJECT NO.: 21901128
	DATE: 05/27/2021
	PLAN:
	240.2539

ORMED A PLANS. THE 'LY WITH THE AL CODE FOR GS FOR NC STRUCTURAL WITHOUT THE JHIBITED. lting 919.480.1075 NSULTING.NET 1128 2021 . . . . . . ROOF FRAMING PLAN **S7.0B** 



**SLAB FOUNDATION PLAN - 'C'** 

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

### BEAM & POINT LOAD LEGEND

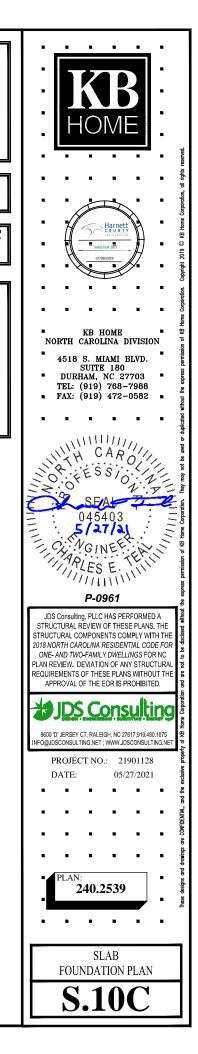
INTERIOR LOAD BEARING WALL
 ROOF RAFTER / TRUSS SUPPORT
 DOUBLE RAFTER / DOUBLE JOIST
 STRUCTURAL BEAM / GIRDER
 WINDOW / DOOR HEADER
POINT LOAD TRANSFER
POINT LOAD FROM ABOVE
BEARING ON BEAM / GIRDER

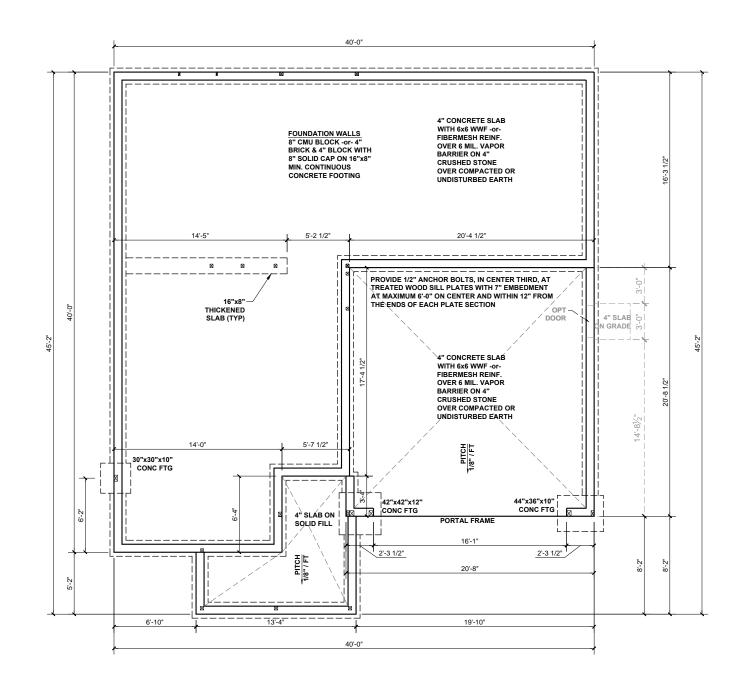
(1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)

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 RAISED METAL DECKING NO SUBSTITUTION ALLOWED IN SLABS WITH GRADE BEAMS UNLESS A REBAR MAT IS INSTALLED NO SUBSTITUTION ALLOWED IF ANY SOLS HAVE BEEN FOUND TO BE EXPANSIVE SOLS 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
- FIBER MIX VOLUMES MUST BE FOLLOWED PER THE MANUFACTURES SPECIFICATIONS





**STEM WALL FOUNDATION PLAN - 'C'** 

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

### BEAM & POINT LOAD LEGEND

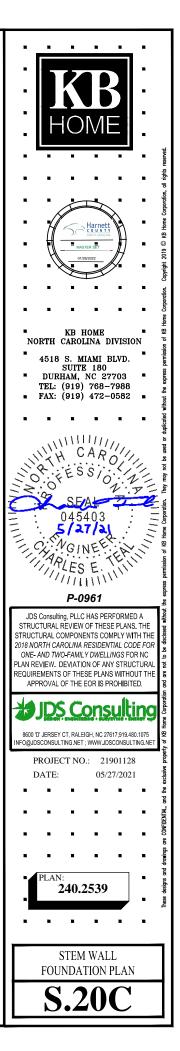
INTERIOR LOAD BEARING WALL
 ROOF RAFTER / TRUSS SUPPORT
 DOUBLE RAFTER / DOUBLE JOIST
 STRUCTURAL BEAM / GIRDER
 WINDOW / DOOR HEADER
POINT LOAD TRANSFER
POINT LOAD FROM ABOVE
BEARING ON BEAM / GIRDER

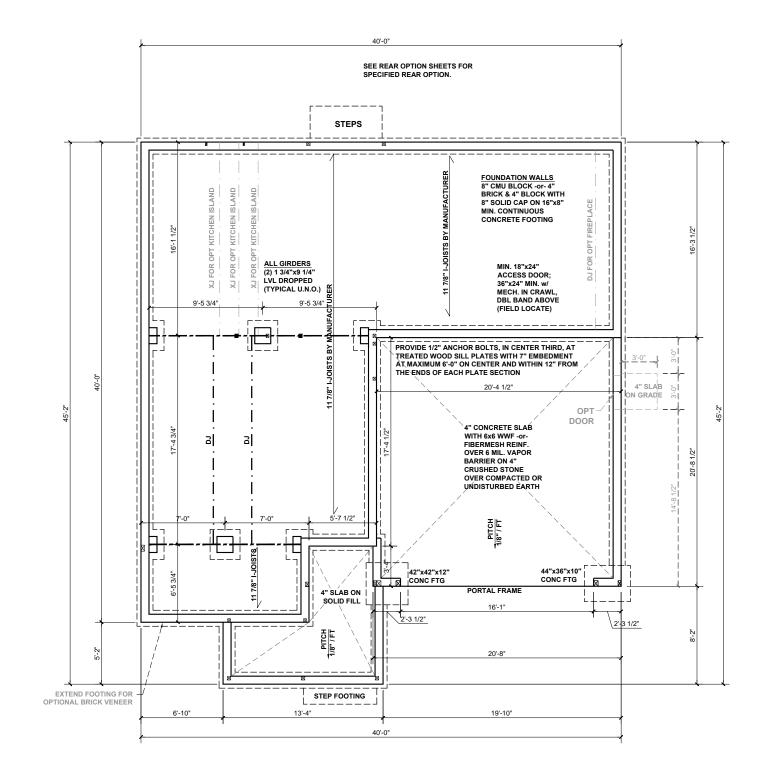
(1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)

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.

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- FIBER MIX VOLUMES MUST BE FOLLOWED PER THE MANUFACTURES SPECIFICATIONS





**CRAWL SPACE FOUNDATION PLAN - 'C'** 

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

BE/	AM & POINT LOAD LEGEND
	INTERIOR LOAD BEARING WALL
	ROOF RAFTER / TRUSS SUPPORT
	DOUBLE RAFTER / DOUBLE JOIST
	STRUCTURAL BEAM / GIRDER
	WINDOW / DOOR HEADER
$\boxtimes$	POINT LOAD TRANSFER
•	POINT LOAD FROM ABOVE
	BEARING ON BEAM / GIRDER

I-JOPSTUSPANING NORUCTEXAERONAES".OC IN LOCATIONS WITH TILE FINISH FLOOR I. CONCRETE SLOCK PIER SLEE SHALL BE SIZE HOLLOW MASONRY SOLID MASONRY (1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD DESKINGFOOTINGS TO CC: MIGH 12x16 UP TO 48" HIGH UP TO 9-0" HIGH 14x15 UP TO 48" HIGH UP TO 9-0" HIGH 14x15 UP TO 48" HIGH UP TO 9-0" HIGH 24x24 UP TO 96" HIGH

WITH 30" x 30" x 10" CONCRETE FOOTING, UNO.

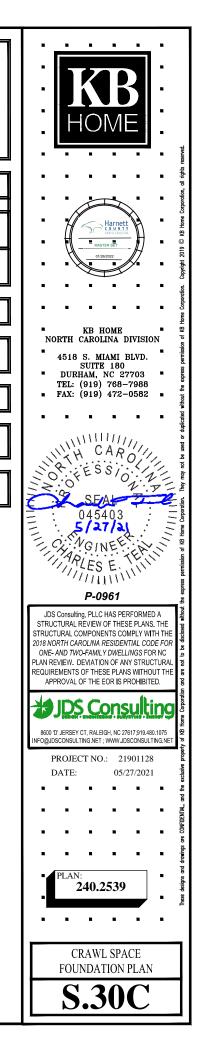
FLOOR FRAMING TO BE 11 7/8" DEEP TJI 210 SERIES OR EQUAL, 19.2" OC MAXIMUM SPACING

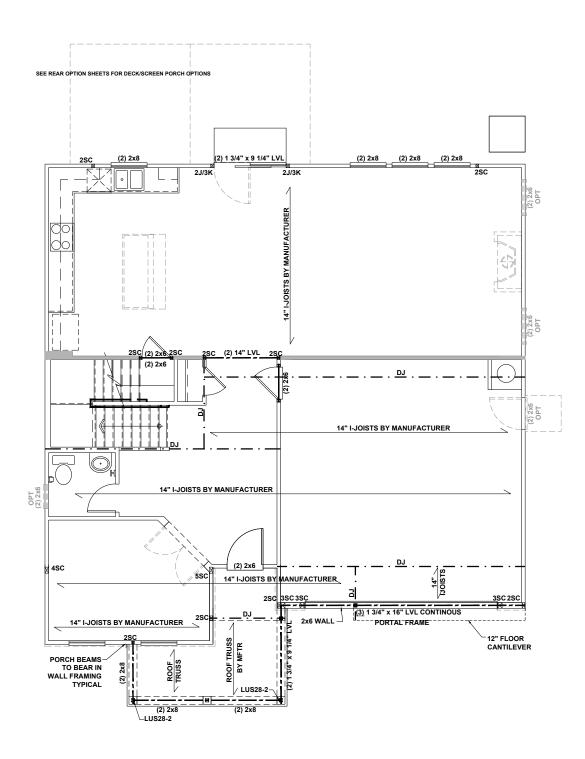
\*\*REFER TO I-JOIST EQUIVALENCE CHART ON I-JOIST DETAIL SHEET FOR SUBSTITUTION OF MANUFACTURER SERIES

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 - 'C'** 

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
$\boxtimes$	POINT LOAD TRANSFER
	POINT LOAD FROM ABOVE
	BEARING ON BEAM / GIRDER

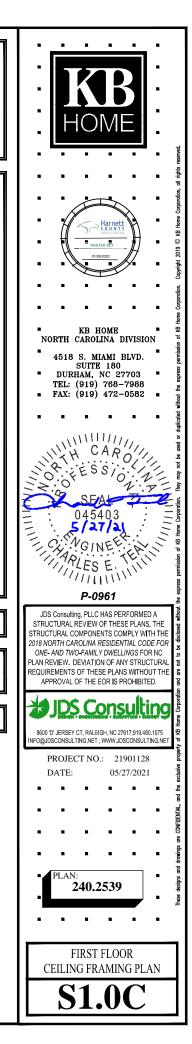
### STRUCTURAL FRAMING NOTES - (SEE GENERAL NOTES SHEET FOR ADDITIONAL REQUIREMENTS.)

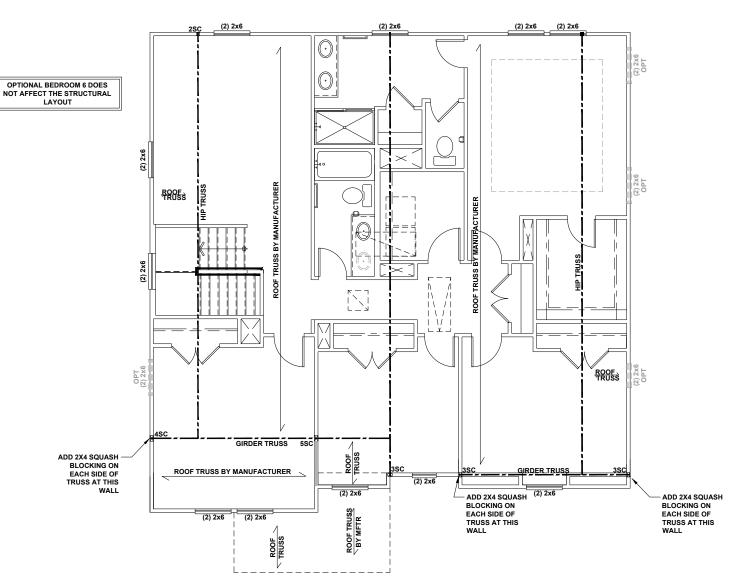
- 1. ALL FRAMING TO BE #2 SPF MINIMUM.
- 2. ALL BEARING HEADERS TO BE (2) 2x6 SUPPORTED w/ MIN (1) JACK AND (1) KING EACH END, UNO.
- 3. EXTERIOR WALL OPENINGS OVER 3' TO HAVE MULTIPLE KING STUDS AS NOTED ON PLAN.
- 4. ALL NON-BEARING HEADERS TO BE (2) 2x4 (1) J / (1) K, UNO.
- 5. PROVIDE CONTINUOUS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

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

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

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





DO NOT AFFECT THE STRUCTURAL LAYOUT

MASTER BATH OPTIONS

**SECOND FLOOR CEILING FRAMING PLAN - 'C'** 

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

### BEAM & POINT LOAD LEGEND

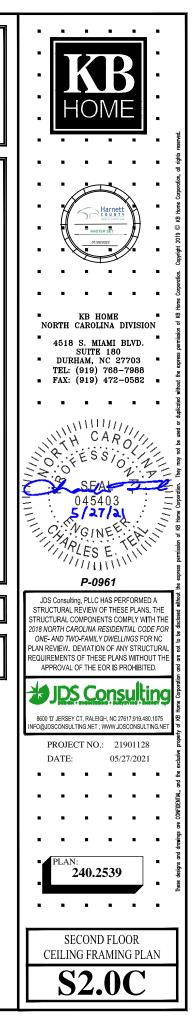
	INTERIOR LOAD BEARING WALL
	ROOF RAFTER / TRUSS SUPPORT
	DOUBLE RAFTER / DOUBLE JOIST
	STRUCTURAL BEAM / GIRDER
	WINDOW / DOOR HEADER
$\boxtimes$	POINT LOAD TRANSFER
	POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER
-	

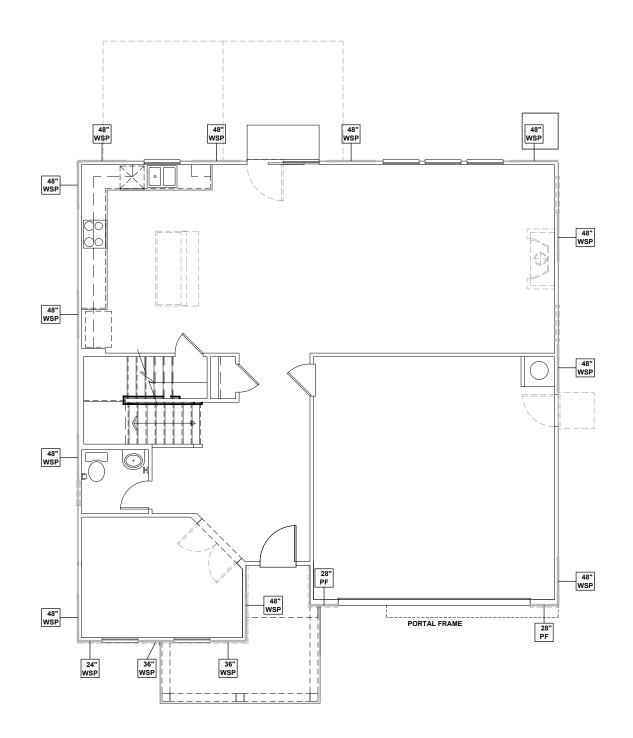
### STRUCTURAL FRAMING NOTES - (SEE GENERAL NOTES SHEET FOR ADDITIONAL REQUIREMENTS.)

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

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

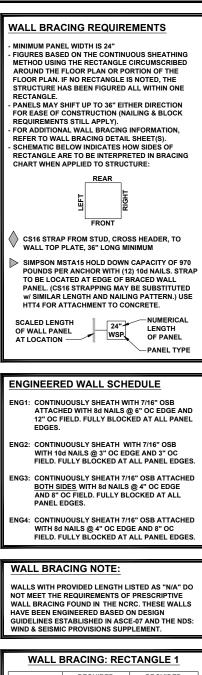
ALL FLUSH BEAMS TO BE DIRECTLY SUPPORTED BY (2) 2X\_STUDS UNLESS OTHERWISE NOTED. STUD COLUMNS TO BE SUPPORTED BY SOLID BLOCKING TO FOUNDATION OR TO BEARING COMPONENT BELOW.



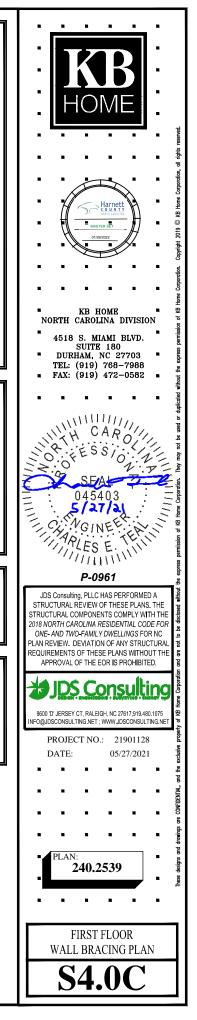


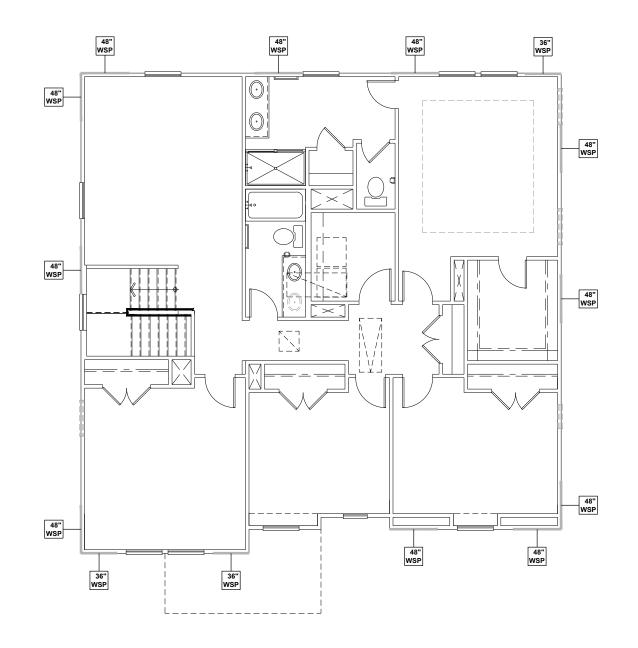
FIRST FLOOR WALL BRACING PLAN - 'C'

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



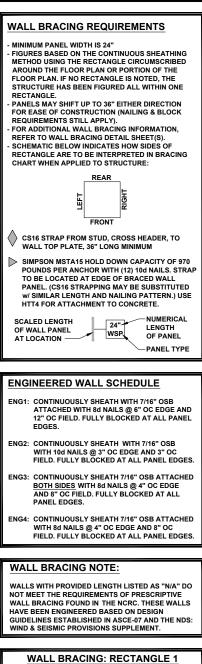
WALL BRACING: RECTANGLE 1		
SIDE	REQUIRED LENGTH	PROVIDED LENGTH
FRONT	11.0 FT.	15.0 FT.
RIGHT	11.0 FT.	16.0 FT.
REAR	11.0 FT.	16.0 FT.
LEFT	11.0 FT.	16.0 FT.



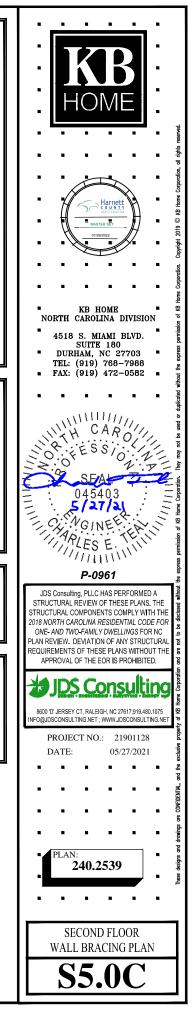


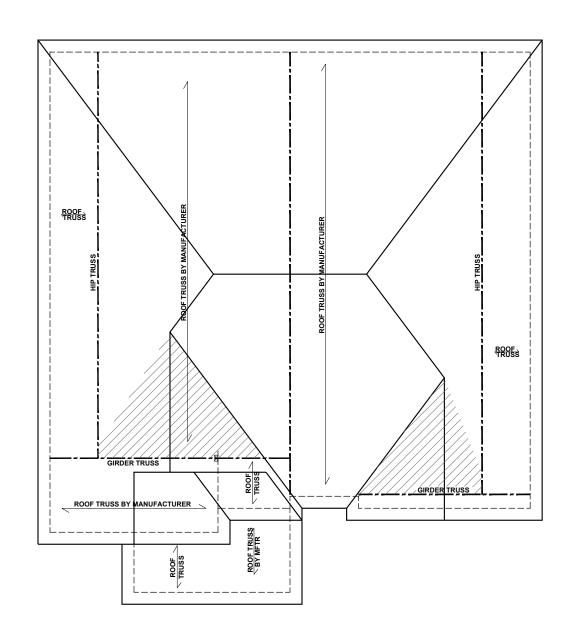
SECOND FLOOR WALL BRACING PLAN - 'C'

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



WALL BRACING: RECTANGLE 1		
SIDE	REQUIRED LENGTH	PROVIDED LENGTH
FRONT	10.0 FT.	14.0 FT.
RIGHT	10.0 FT.	12.0 FT.
REAR	10.0 FT.	13.0 FT.
LEFT	10.0 FT.	12.0 FT.





**ROOF FRAMING PLAN - 'C'** 

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

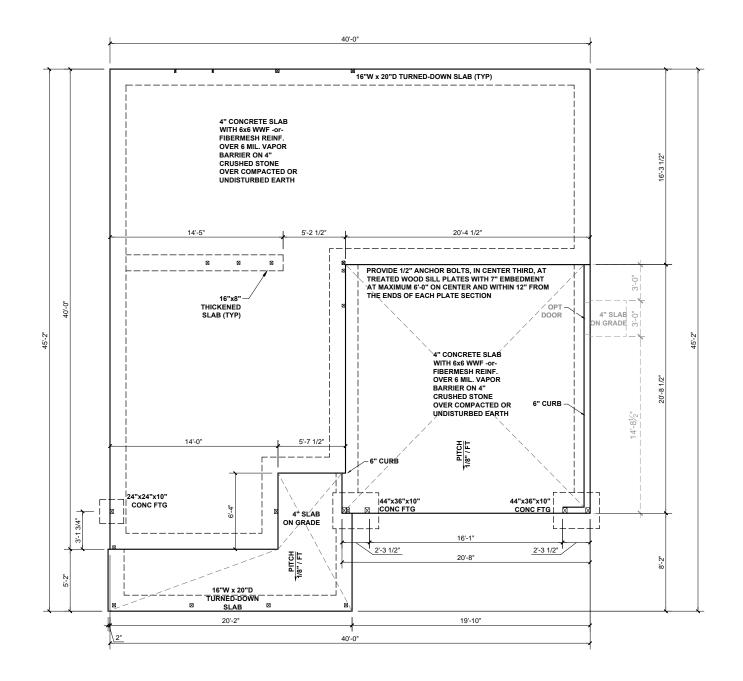
BEAM & POINT LOAD LEGEND	
INTERIOR LOAD BEARING WALL	
ROOF RAFTER / TRUSS SUPPORT	
DOUBLE RAFTER / DOUBLE JOIST	
WINDOW / DOOR HEADER	
POINT LOAD TRANSFER     POINT LOAD FROM ABOVE	
BEARING ON BEAM / GIRDER	
TRUSSED ROOF - STRUCTURAL NOTES	
PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.	Harnett
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	Home Contraction
COORDINATED WITH THE SEALED STRUCTURAL	
DRAWINGS. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.	NORTH CAROLINA DIVISION
5. MANUFACTURER TO PROVIDE REQUIRED UPLIFT CONNECTION.	4518 S. MIAMI BLVD. SUITE 180
6. PROVIDE H2.5A (MINIMUM) OR EQUIVALENT AT	DURHAM, NC 27703 TEL: (919) 768-7988
EACH TRUSS-TO-TOP PLATE CONNECTION AT OVER-FRAMED AREAS, UNLESS NOTED	- FAV. (010) 472 0592 - *
OTHERWISE.	■ FAX: (919) 472-0302 ■
7. UPLIFT CONNECTION TO BE CARRIED THROUGH	de Multiple Alter
TO FLOOR SYSTEM.	
	NAH CARO
TRUSS UPLIFT CONNECTORS: EXPOSURE B, 115 MPH,	K ESS/
ANY PITCH, 24" O.C. MAX ROOF TRUSS SPACING	SALOY VIT
TRUSSES SHALL BE ATTACHED TO SUPPORT WALL FOR UPLIFT RESISTANCE. CONTINUOUS OSB WALL	SEAL THE
SHEATHING BELOW PROVIDES CONTINUOUS UPLIFT	- 045403
RESISTANCE TO FOUNDATION. ALL TRUSSES SUPPORTED BY INTERMEDIATE SUPPORT WALLS,	045403
KNEEWALLS, OR BEAMS SHALL BE ATTACHED TO SUPPORTING MEMBER PER SCHEDULE:	E CONNERS S
	AD
ROOF SPAN IS MEASURED HORIZONTALLY BETWEEN FURTHEST SUPPORT POINTS.	5/27/21 9/ NGINEE 19/ NGINEE
ROOF PLAN         CONNECTOR           UP TO 28'         NAILING PER TABLE 602.3(1)           NCRBC 2018 EDITION	P-0961
OVER 28' (1) SIMPSON H2.5A HURRICANE	JDS Consulting, PLLC HAS PERFORMED A STRUCTURAL REVIEW OF THESE PLANS. THE
CLIP TO DBL TOP PLATE OR BEAM	STRUCTURAL COMPONENTS COMPLY WITH THE
OR (1) SIMPSON H3 CLIP TO	ONE- AND TWO-FAMILY DWELLINGS FOR NC
SINGLE 2x4 PLATE	PLAN REVIEW. DEVIATION OF ANY STRUCTURAL
	APPROVAL OF THE EOR IS PROHIBITED.
	1DS Consulting
	<b>123 IDS Consulting</b>
	8600 'D' JERSEY CT, RALEIGH, NC 27617;919.480.1075
	PROJECT NO.: 21901128
	DATE: 05/27/2021
	PLAN:
	240.2539

ROOF FRAMING PLAN **S7.0C** 

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**SLAB FOUNDATION PLAN - 'D'** 

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

### BEAM & POINT LOAD LEGEND

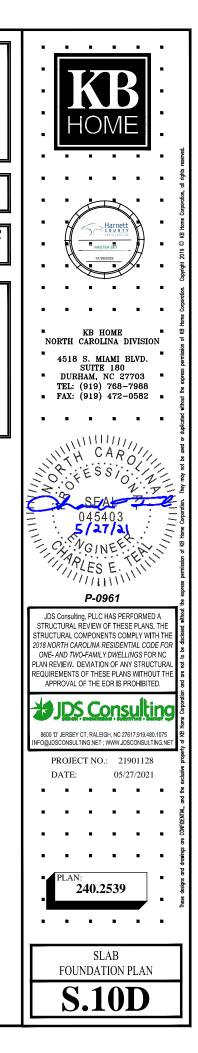
INTERIOR LOAD BEARING WALL
 ROOF RAFTER / TRUSS SUPPORT
 DOUBLE RAFTER / DOUBLE JOIST
 STRUCTURAL BEAM / GIRDER
 WINDOW / DOOR HEADER
POINT LOAD TRANSFER
POINT LOAD FROM ABOVE
BEARING ON BEAM / GIRDER

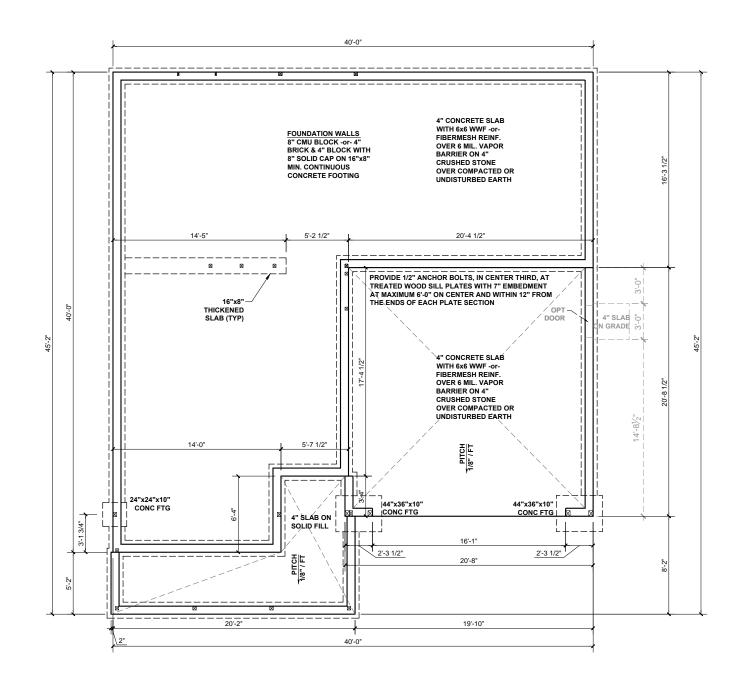
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- FIBER MIX VOLUMES MUST BE FOLLOWED PER THE
- MANUFACTURES SPECIFICATIONS





**STEM WALL FOUNDATION PLAN - 'D'** 

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

### BEAM & POINT LOAD LEGEND

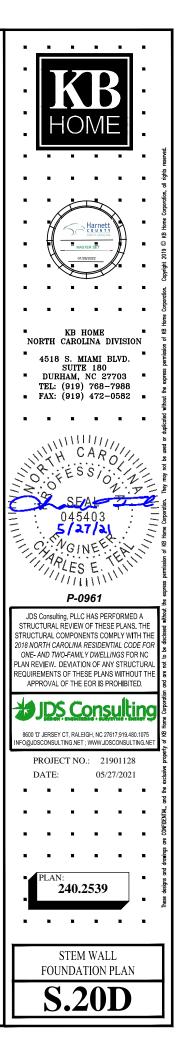
INTERIOR LOAD BEARING WALL
 ROOF RAFTER / TRUSS SUPPORT
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 STRUCTURAL BEAM / GIRDER
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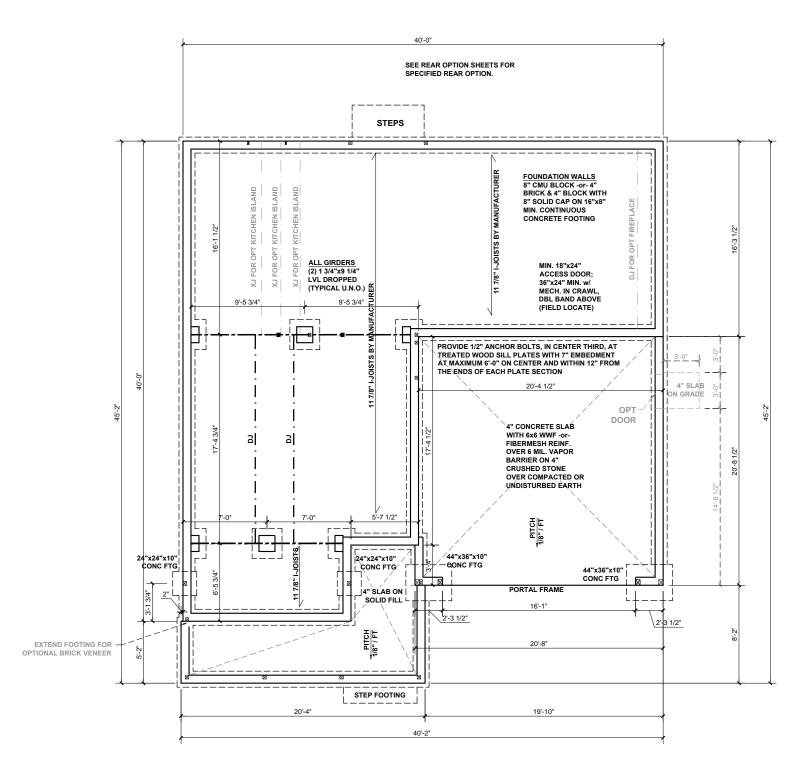
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**CRAWL SPACE FOUNDATION PLAN - 'D'** 

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

BEA	AM & POINT LOAD LEGEND
	INTERIOR LOAD BEARING WALL
	ROOF RAFTER / TRUSS SUPPORT
	DOUBLE RAFTER / DOUBLE JOIST
	STRUCTURAL BEAM / GIRDER
	WINDOW / DOOR HEADER
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•	POINT LOAD FROM ABOVE
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I-JOPSUSPACTING NORUCTEXALEROMES".OC IN LOCATIONS WITH TILE FINISH FLOOR I. CONCRETE SLOCK PIER SIZE SHALL SE SIZE HOLLOW MASONRY SOLID MASONRY (1) #5 REBAR @ CENTER OF ALL PERIMETER AND MATERNAL LOUTD 162-3%INGPH ODTINES 102 \*C: MIGH 102×16 UP TO 48" HIGH UP TO 9'-0" HIGH 105×16 UP TO 54" HIGH UP TO 9'-0" HIGH 105×16 UP TO 54" HIGH

WITH 30" x 30" x 10" CONCRETE FOOTING, UNO.

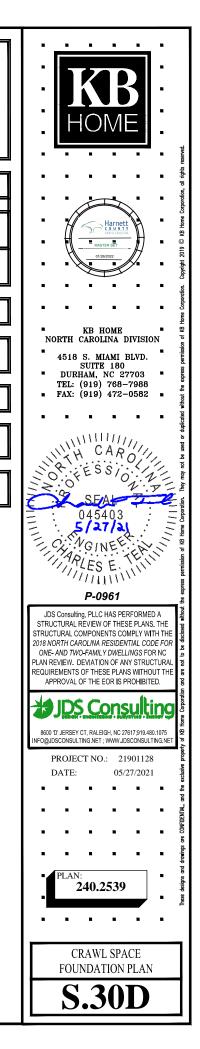
FLOOR FRAMING TO BE 11 7/8" DEEP TJI 210 SERIES OR EQUAL, 19.2" OC MAXIMUM SPACING

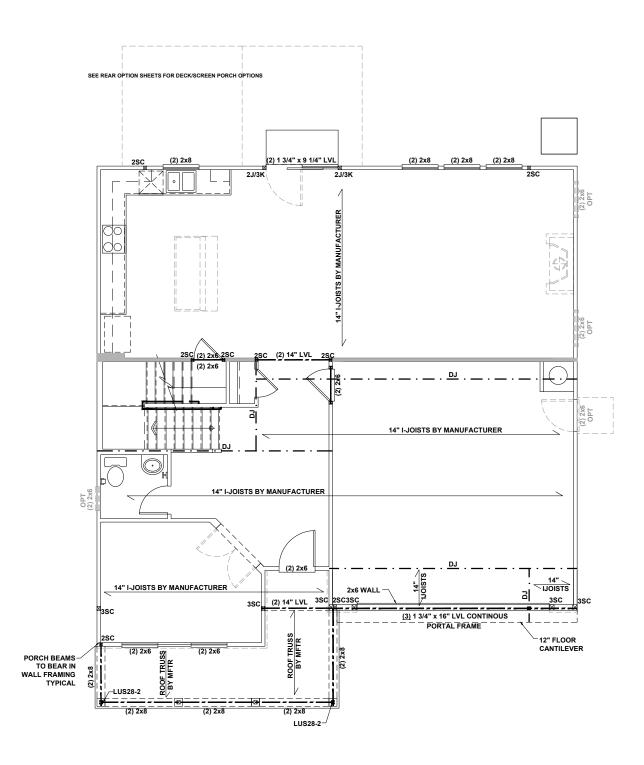
\*\*REFER TO I-JOIST EQUIVALENCE CHART ON I-JOIST DETAIL SHEET FOR SUBSTITUTION OF MANUFACTURER SERIES

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

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> (1) #5 REBAR @ CENTER OF ALL PERIMETER FOOTINGS. (2" C.C. MIN)





**FIRST FLOOR CEILING FRAMING PLAN - 'D'** 

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

### BEAM & POINT LOAD LEGEND

	INTERIOR LOAD BEARING WALL
	ROOF RAFTER / TRUSS SUPPORT
	DOUBLE RAFTER / DOUBLE JOIST
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	POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

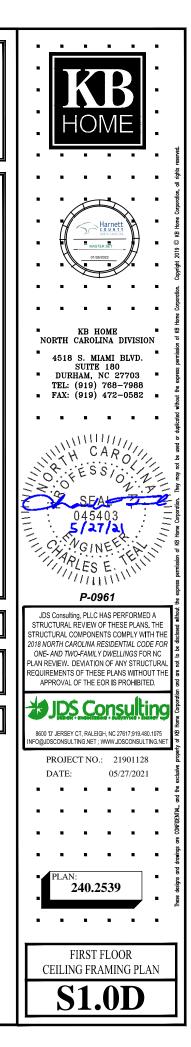
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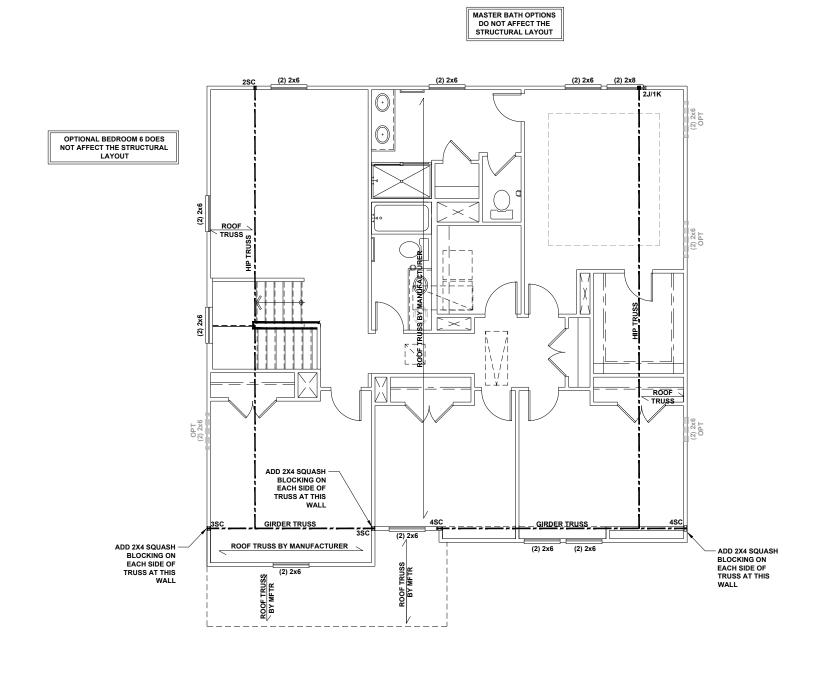
- 1. ALL FRAMING TO BE #2 SPF MINIMUM.
- 2. ALL BEARING HEADERS TO BE (2) 2x6 SUPPORTED w/ MIN (1) JACK AND (1) KING EACH END, UNO.
- 3. EXTERIOR WALL OPENINGS OVER 3' TO HAVE MULTIPLE KING STUDS AS NOTED ON PLAN.
- 4. ALL NON-BEARING HEADERS TO BE (2) 2x4 (1) J / (1) K, UNO.
- 5. PROVIDE CONTINUOUS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

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

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

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





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

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

### BEAM & POINT LOAD LEGEND

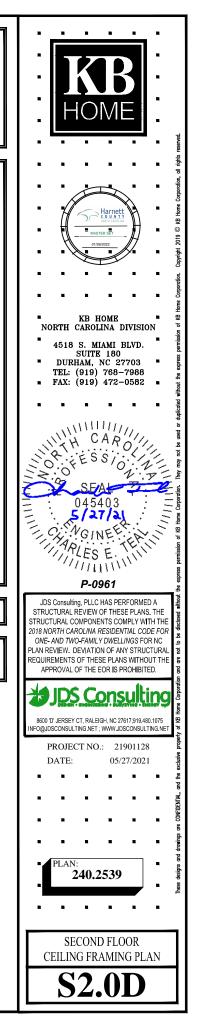
	INTERIOR LOAD BEARING WALL
	ROOF RAFTER / TRUSS SUPPORT
	DOUBLE RAFTER / DOUBLE JOIST
	STRUCTURAL BEAM / GIRDER
	WINDOW / DOOR HEADER
$\boxtimes$	POINT LOAD TRANSFER
	POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER
-	

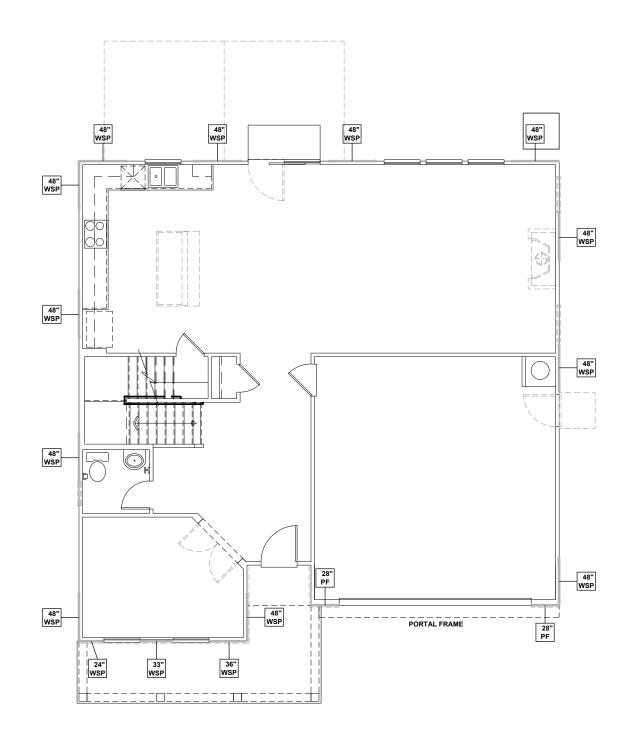
### STRUCTURAL FRAMING NOTES - (SEE GENERAL NOTES SHEET FOR ADDITIONAL REQUIREMENTS.)

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

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

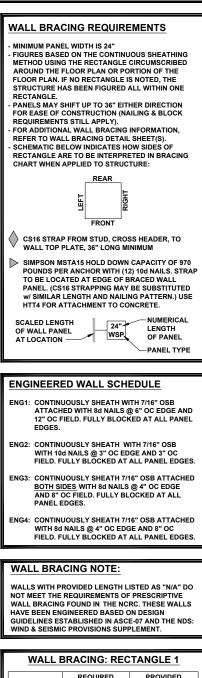
ALL FLUSH BEAMS TO BE DIRECTLY SUPPORTED BY (2) 2X\_STUDS UNLESS OTHERWISE NOTED. STUD COLUMNS TO BE SUPPORTED BY SOLID BLOCKING TO FOUNDATION OR TO BEARING COMPONENT BELOW.



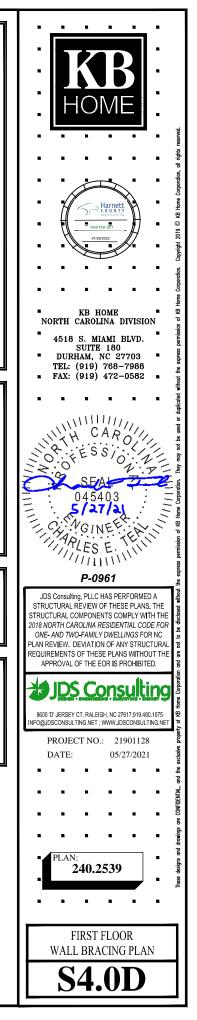


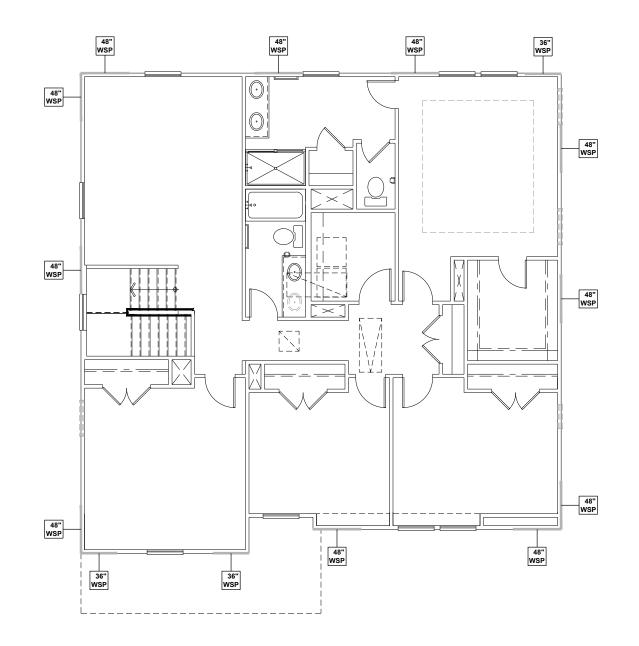
FIRST FLOOR WALL BRACING PLAN - 'D'

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



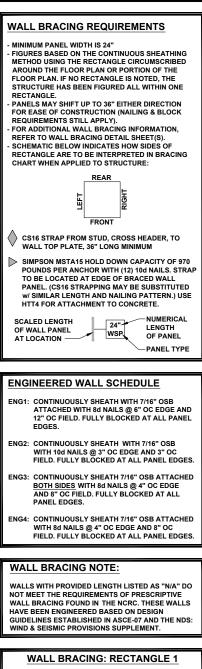
WALL BRACING: RECTANGLE 1				
SIDE	REQUIRED LENGTH	PROVIDED LENGTH		
FRONT	11.0 FT.	14.75 FT.		
RIGHT	11.0 FT.	16.0 FT.		
REAR	11.0 FT.	16.0 FT.		
LEFT	11.0 FT.	16.0 FT.		



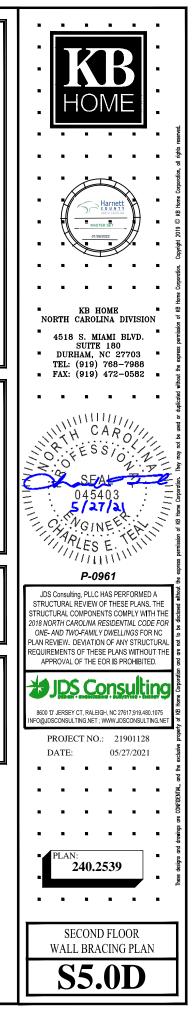


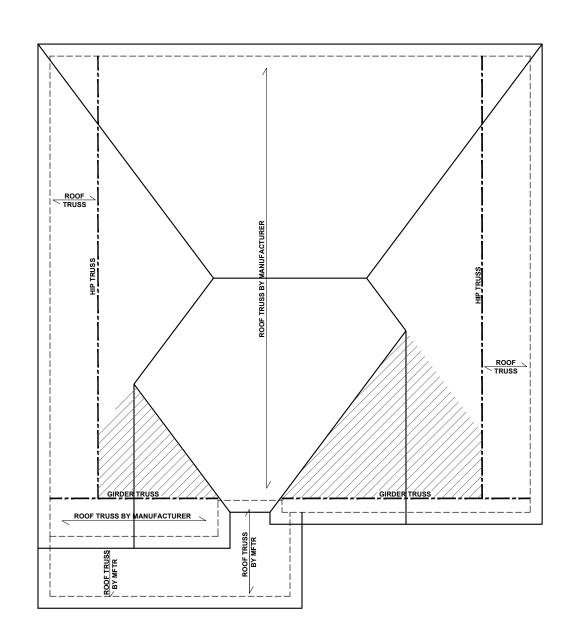
SECOND FLOOR WALL BRACING PLAN - 'D'

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



WALL BRACING: RECTANGLE 1				
SIDE	REQUIRED LENGTH	PROVIDED LENGTH		
FRONT	10.0 FT.	14.0 FT.		
RIGHT	10.0 FT.	12.0 FT.		
REAR	10.0 FT.	13.0 FT.		
LEFT	10.0 FT.	12.0 FT.		





**ROOF FRAMING PLAN - 'D'** 

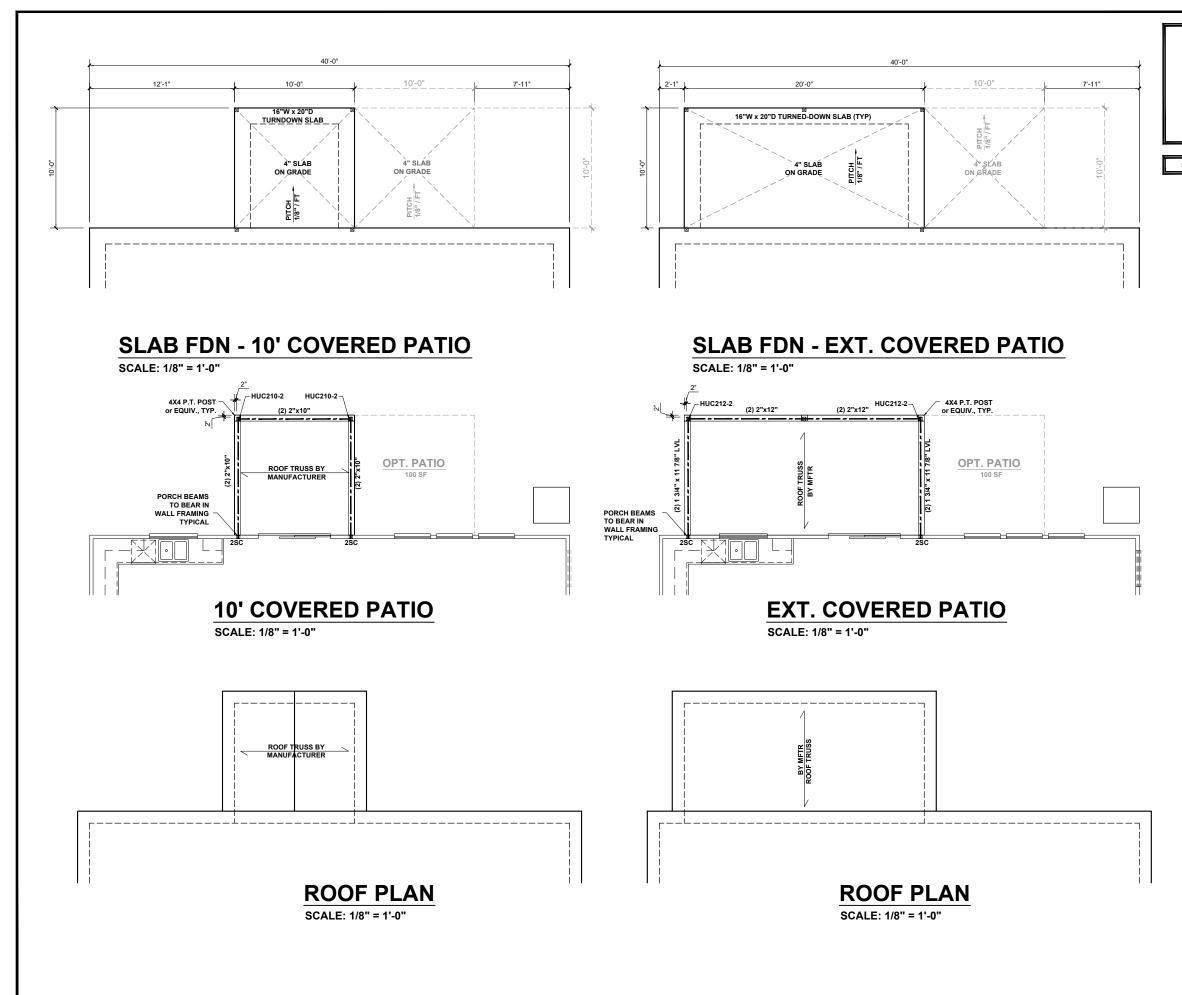
SCALE: 1/8"=1'-0"

	1
BEAM & POINT LOAD LEGEND INTERIOR LOAD BEARING WALL 	
DOUBLE RAFTER / DOUBLE JOIST	
WINDOW / DOOR HEADER	
DINT LOAD TRANSFER	
POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER	
· · · · · · · · · · · · · · · · · · ·	
TRUSSED ROOF - STRUCTURAL NOTES	
1. PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.	Harnett
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	KB HOME
ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. 5. MANUFACTURER TO PROVIDE REQUIRED UPLIFT	NORTH CAROLINA DIVISION 4518 S. MIAMI BLVD.
5. MANUFACTURER TO PROVIDE REQUIRED UPLIFT CONNECTION.	SUITE 180 DURHAM, NC 27703
6. PROVIDE H2.5A (MINIMUM) OR EQUIVALENT AT	TEL: (919) 768-7988
EACH TRUSS-TO-TOP PLATE CONNECTION AT OVER-FRAMED AREAS, UNLESS NOTED OTHERWISE.	■ FAX: (919) 472-0582 ■
7. UPLIFT CONNECTION TO BE CARRIED THROUGH TO FLOOR SYSTEM.	
	CAROLL
TRUSS UPLIFT CONNECTORS: EXPOSURE B, 115 MPH,	ESS/
ANY PITCH, 24" O.C. MAX ROOF TRUSS SPACING	SA:0Y
TRUSSES SHALL BE ATTACHED TO SUPPORT WALL FOR UPLIFT RESISTANCE. CONTINUOUS OSB WALL	Z SEAL THE
SHEATHING BELOW PROVIDES CONTINUOUS UPLIFT RESISTANCE TO FOUNDATION. ALL TRUSSES	= 045403 =
SUPPORTED BY INTERMEDIATE SUPPORT WALLS, KNEEWALLS, OR BEAMS SHALL BE ATTACHED TO	C SPAC
SUPPORTING MEMBER PER SCHEDULE:	F. GINEFIN S
ROOF SPAN IS MEASURED HORIZONTALLY BETWEEN	PLFS F. TEN
FURTHEST SUPPORT POINTS.	
ROOF PLAN         CONNECTOR           UP TO 28'         NAILING PER TABLE 602.3(1)           NCRBC 2018 EDITION	S/27/21 ARLES E. IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
OVER 28' (1) SIMPSON H2.5A HURRICANE CLIP TO DBL TOP PLATE OR BEAM	JDS Consulting, PLLC HAS PERFORMED A STRUCTURAL REVIEW OF THESE PLANS. THE STRUCTURAL COMPONENTS COMPLY WITH THE 2016 NORTH CARPO MA DESIGNITIAL CORE FOR
	2018 NORTH CAROLINA RESIDENTIAL CODE FOR
OR (1) SIMPSON H3 CLIP TO SINGLE 2x4 PLATE	PLAN REVIEW. DEVIATION OF ANY STRUCTURAL
	REQUIREMENTS OF THESE PLANS WITHOUT THE APPROVAL OF THE EOR IS PROHIBITED.
	JDS Consulting
	8600 'D' JERSEY CT, RALEIGH, NC 27617;919.480.1075
	INFO@JDSCONSULTING.NET : WWW.JDSCONSULTING.NET
	PROJECT NO.: 21901128
	DATE: 05/27/2021
	PLAN: 240.2539
	240.2539

ROOF FRAMING PLAN **S7.0D** 

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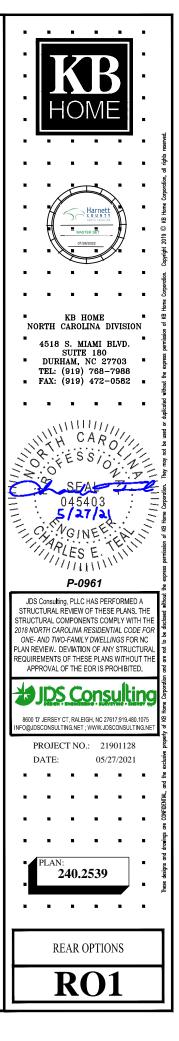
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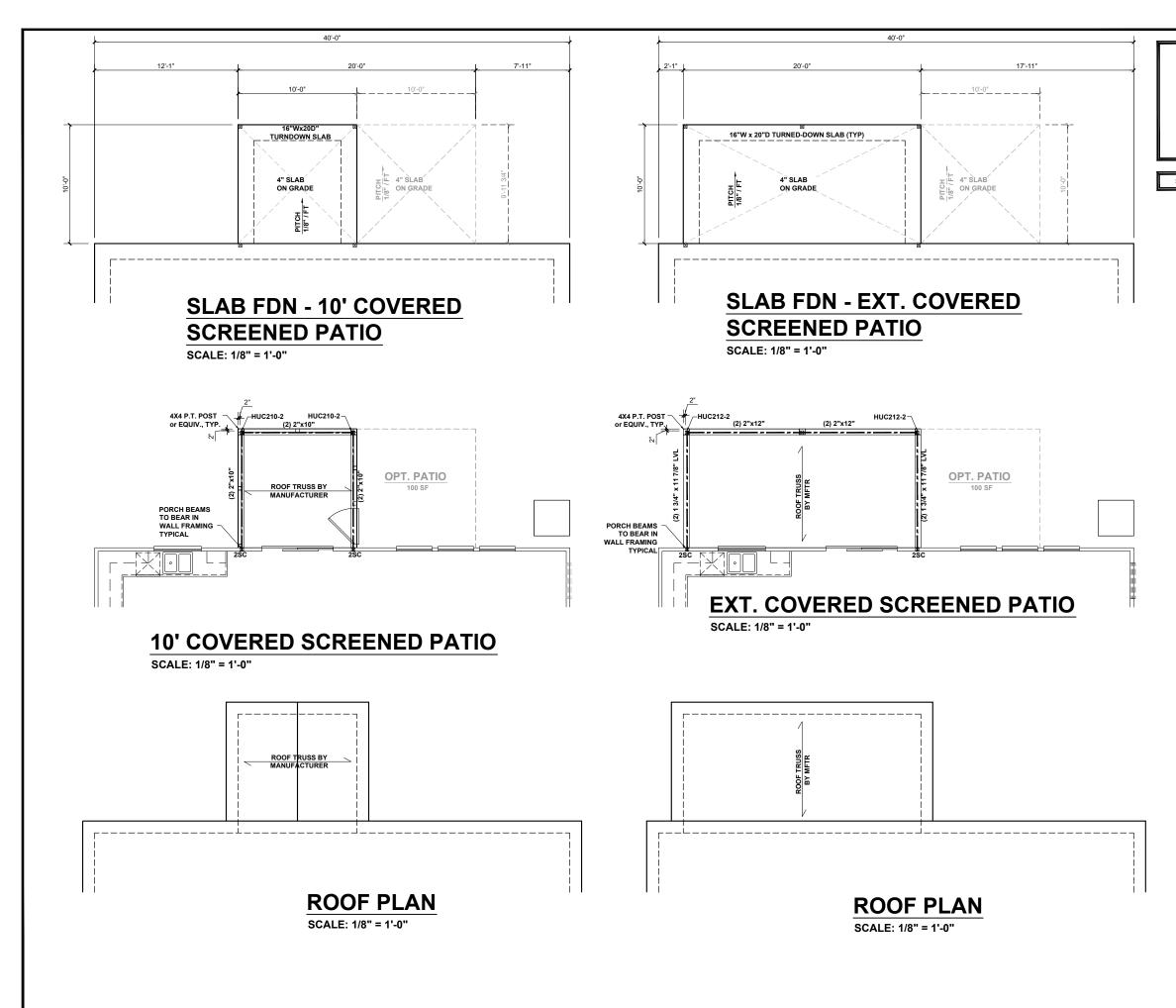


# BEAM & POINT LOAD LEGEND INTERIOR LOAD BEARING WALL ROOF RAFTER / TRUSS SUPPORT DOUBLE RAFTER / DOUBLE JOIST STRUCTURAL BEAM / GIRDER WINDOW / DOOR HEADER POINT LOAD TRANSFER POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

SEE FULL PLAN FOR ADDITIONAL INFORMATION

# **COVERED PATIO**

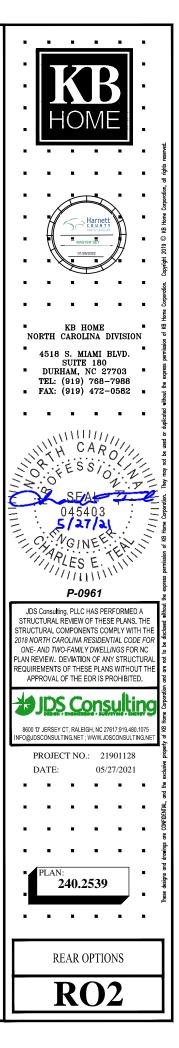


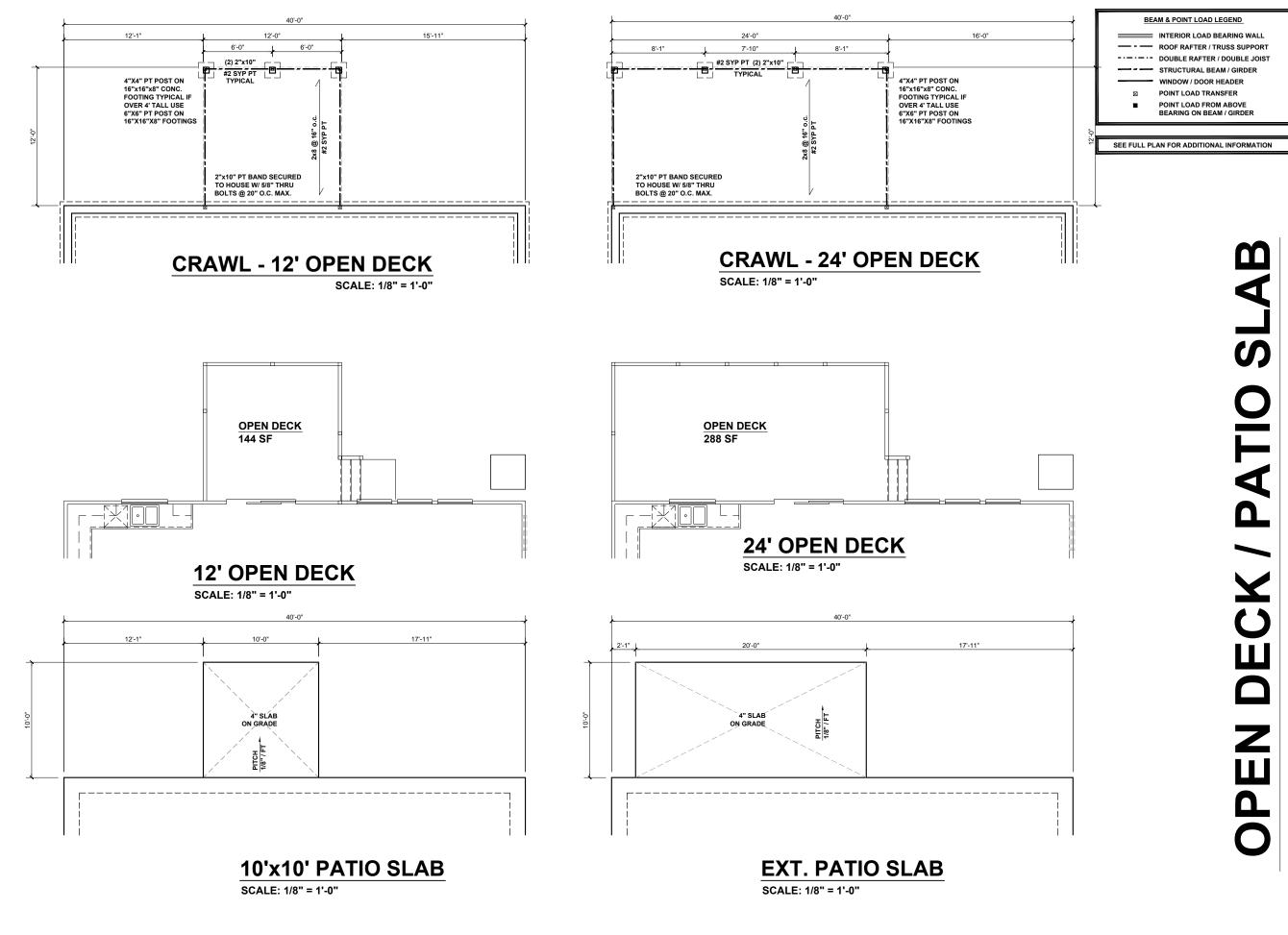


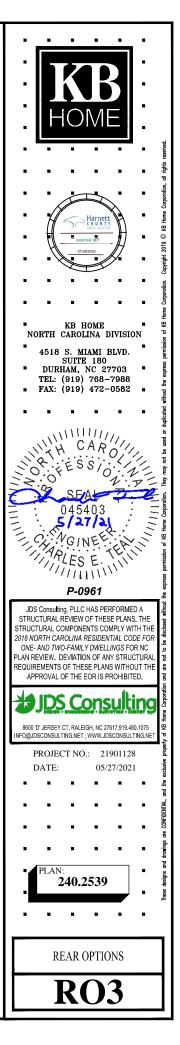
### BEAM & POINT LOAD LEGEND INTERIOR LOAD BEARING WALL ROOF RAFTER / TRUSS SUPPORT DOUBLE RAFTER / DOUBLE JOIST STRUCTURAL BEAM / GIRDER WINDOW / DOOR HEADER POINT LOAD TRANSFER POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

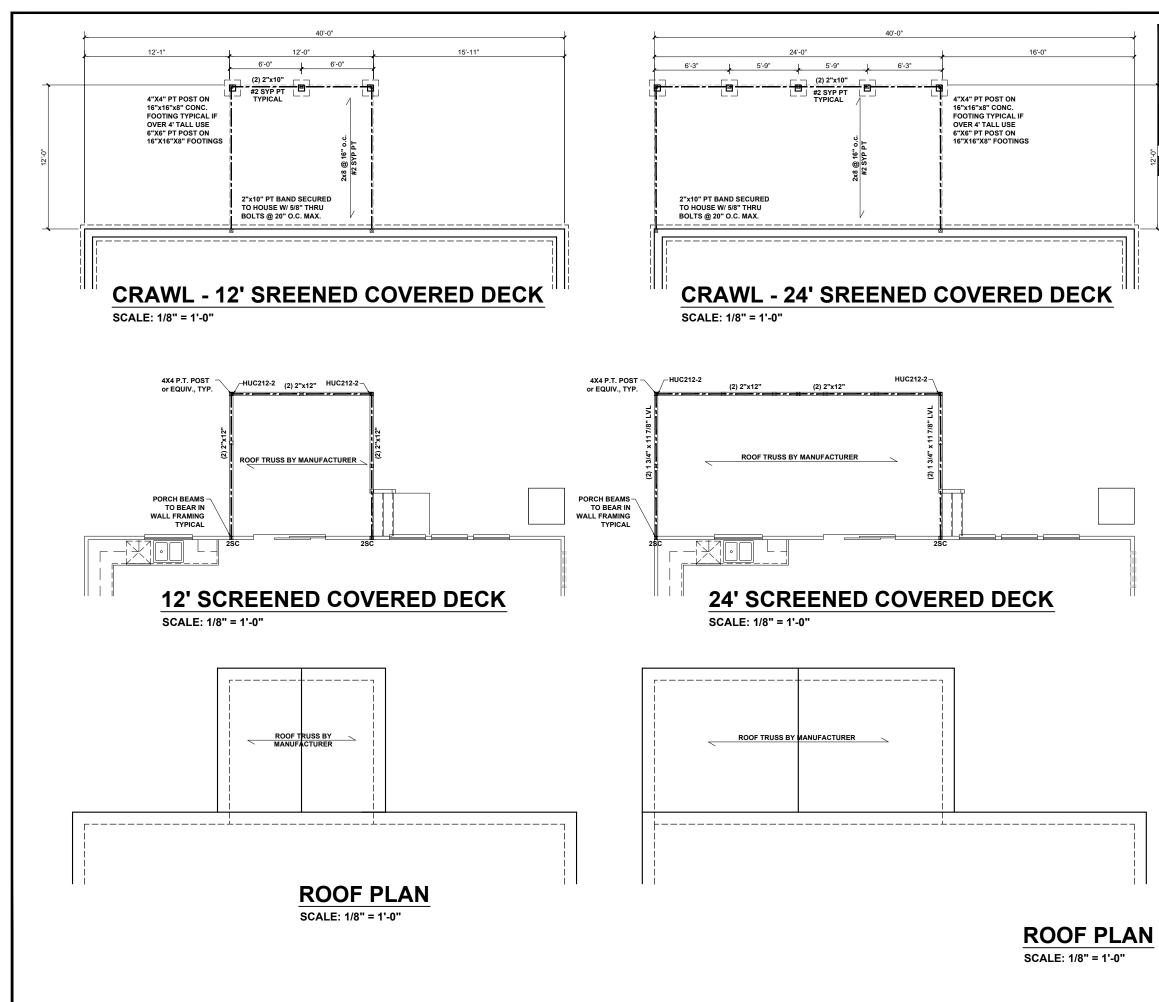
SEE FULL PLAN FOR ADDITIONAL INFORMATION

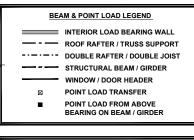
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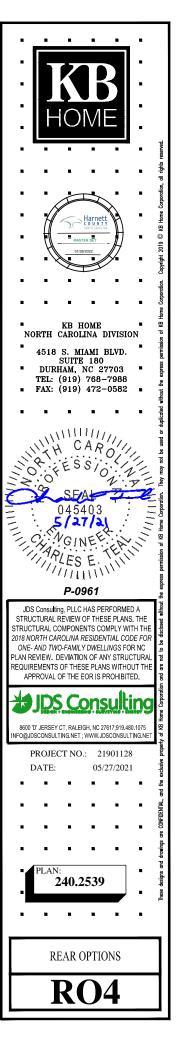


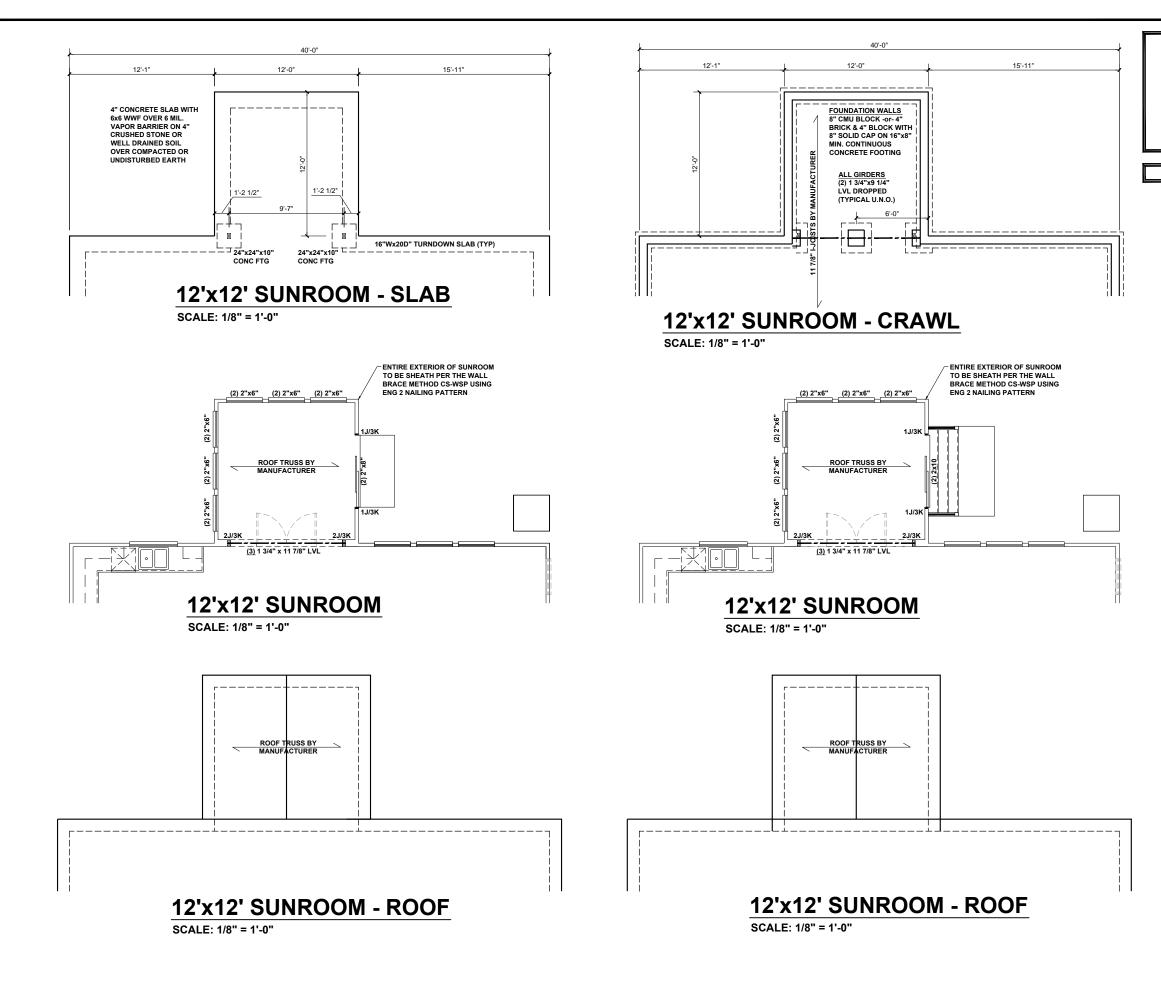




SEE FULL PLAN FOR ADDITIONAL INFORMATION

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

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