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### GENERAL REQUIREMENTS

- THE WORD 'CONTRACTOR' AS USED HEREIN SHALL MEAN THE GENERAL CONTRACTOR, SUBCONTRACTORS AND ALL PERSONS DIRECTLY OR INDIRECTLY EMPLOYED BY ANY OF THEM.
- CONTRACTOR SHALL PERFORM THE WORK IN ACCORDANCE WITH THE FOLLOWING APPLICABLE CODE REQUIREMENTS:
  - ALL LAWS, STATUTES, THE MOST RECENT BUILDING CODES, ORDINANCES, RULES, REGULATIONS, AND LAYFUL ORDERS OF ALL PIBLIC AUTHORITIES HAVING JURISDICTION OVER COMMER, COM-TRACTOR, ANY SUBCONTRACTOR, THE REQUECT, THE REQUECT SITE, THE WORK, OR THE PROSECUTION OF THE MORK.
  - THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT AND ALL OTHER APPLICABLE CODE REQUIREMENTS RELATING TO SAFETY.
  - THE FAIR HOUSING AMENDMENTS ACT, THE AMERICANS WITH DISA-BILITIES ACT, AND ALL OTHER APPLICABLE CODE REQUIREMENTS RELATING THERETO.
- CONTRACTOR SHALL CAREFULLY STUDY AND REVIEW THE CONSTRUCTION DOCUMENTS AND INFORMATION FURNISHED BY OWNER, AND SHALL PROMPTLY REPORT IN WRITING TO OWNER'S REPRESENTATIVE ANY ERRORS, INCONSISTENCIES, OR OWNER'S REPRESENTATIVE ANY DESIGN OF INCONSISTENCIES, WITH APPLICABLE CODE REQUIREMENTS OBSEID FOR THE CONTRACTOR RVED BY THE CONTRACTOR.
- IF CONTRACTOR PERFORMS WORK WHICH HE KNOWS OR SHOULD KNOW IS IF CONTRACTOR FEREIGRIE MORE MICH HE ENDING ON SHOULD KNOW IS CONTRACT TO APPLICABLE CODE REQUIREMENTS, MITHOUT THE ARREEMENT OF ONNER, CONTRACTOR SHALL BE RESPONSIBLE FOR SUCH HORE AND SHALL BEAR THE RESULTANT LOSSES, INCLUDING, WITHOUT LIMITATION, THE COSTS OF CORRECTING DEFECTIVE WORK.
- CONTRACTOR SHALL PROVIDE CERTIFICATES OF INSURANCE ACCEPTABLE TO OWNER PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR SHALL TAKE FIELD MEASUREMENTS, VERIFY FIELD CONTINUED FOR THALE TAKE FIELD HEADWARE WITH THE CONSTRUCTION CONDITIONS, AND CAREFULLY COMPARE WITH THE CONSTRUCTION DOCUMENTS SUCH FIELD MEASUREMENTS, CONDITIONS, AND OTHER INFORMATION KNOWN TO CONTRACTOR BEFORE COMMENSION FIE MORK. ERRORS, INCONSISTENCIES, OR OMISSIONS DISCOVERED AT ANY TIME SHALL BE PROMPTLY REPORTED IN WRITING TO THE OWNER.
- CONTRACTOR SHALL PROMPTLY NOTIFY OWNER'S REPRESENTATIVE IF CONTRACTOR SHALL PROMINENT NOTIFIE OWNERS SHERESENTIATIVE 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.
- SUB-CONTRACTORS SHALL INSURE THAT ALL MORK IS DONE IN A PROFESSIONAL WORKMANLIKE MANNER BY SKILLED MECHANICS AND SHALL REPLACE ANY MATERIALS OR ITEMS DAMAGED BY SUB-CONTRACTORS PERFORMANCE. SUB-CONTRACTORS AND SUPPLIERS ARE HEREBY NOTIFIED THAT THEY ARE TO CONFRER AND COOPERATE FULLY WITH EACH OTHER DURING THE CORSE OF CONSTRUCTION TO DETERMINE THE EXACT EXTENT AND OVERLAP OF EACH OTHERS WORK AND TO SUCCESSFULLY COMPLETE THE EXECUTION OF THE WORK. ALL SUB-CONTRACTOR WORKMANSHIP SHALL BE OF QUALITY TO PASS INSPECTIONS BY LOCAL AUTHORITIES, LENDING INSTITUTIONS, ARCHITECT OR BUILDER. ANY ONE OR ALL OF THE ADOVE MENTIONED INSPECTORS MAY INSPECT MORKMANSHIP AT ANY TIME, AND CORRECTIONS INSPECTORS MAY INSPECT WORKMANSHIP AT ANY TIME, AND CORRECTIONS INSPECTORS OF HISDECT HE GUALITY OF BUILDING WILL BE ONE IMMEDIATELY. EACH SUB-CONTRACTOR, UNLESS SPECIFICALLY EXEMPTED BY THE TERMS OF HISDECT WORK ON AN FROM THE JOB SITE ALL TRASH AND DEBRIS NOT LEFT BY OTHER SUB-CONTRACTORS. BUILDER MILL DETERMINE HOW SOON AFTER SUB-CONTRACTORS. BUILDER MILL DE TERMINE HOW SOON AFTER SUB-CONTRACTORS. BUILDER THE ALL TRASH AND DEBRIS NOT LEFT BY OTHER SUB-CONTRACTORS. BUILDER HILL DE TERMINE HOW SOON AFTERS SUB-CONTRACTORS. BUILDER HILL DETERMINE HOW SUB-CONTRACTORS SHALL INSURE THAT ALL WORK IS DONE IN A SOON AFTER SUBCONTRACTOR COMPLETES EACH PHASE OF HIS WORK THAT TRASH AND DEBRIS WILL BE REMOVED FROM THE SITE.
- APPROVAL BY THE BUILDING INSPECTOR DOES NOT MEAN APPROVAL OR ALLOWABLE FAILURE TO COMPLY WITH THE PLANS AND SPECIFICATIONS. ANY DESIGN WHICH FAILS TO BE CLEAR OR IS ANDIGUOUS MUST BE REFERRED TO THE ARCHITECT OR ENGINEER FOR INTERPRETATION 10. OR CLARIFICATION
- ALL EQUIPMENT AND MATERIALS FURNISHED AND INSTALLED UNDER THESE PLANS SHALL BE GUARANTEED BY THE CONTRACTOR FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE OF THE WORK BY OWNER UNLESS STIPULATED OTHERWISE.
- ALL TRADE NAMES AND BRAND NAMES CONTAINED HEREIN ESTABLISH QUALITY STANDARDS. SUBSTITUTIONS ARE PERMITTED, WITH PRIOR APPROVAL BY THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL SUBMIT FOR THE ARCHITECT'S AND BUILDER'S APPROVAL ALL MATERIALS OR EQUIPMENT WHICH IS CONSIDERED "OR EQUAL" TO THAT SPECIFIED. 12.
- CONSTRUCTION DOCUMENTS IDENTIFIED AS "BID SET" ON ANY OR ALL SHEETS MAY BE SUBJECT TO REVIEW. THIS REVIEW MAY RESULT IN CHANGES WHICH MAY BE MADE TO THE PLANS PRIOR TO THE ISSUANCE OF THE FINAL CONSTRUCTION SET WHICH HILL CONTAIN NO "BID SET" DESIGNATIONS. CONSTRUCTION DOCUMENTS IDENTIFIED AS "BID SET" ARE NOT TO BE CONSTRUED AS BIDS THE ATMONISTIED AS "BID SET" DRAWINGS AND THEY SHOULD NOT IN ANY WAY BE USED AS SUCH. 13.
- ALL STANDARD NOTES CONTAINED HEREIN ARE TYPICAL UNLESS NOTED OTHERWISE.
- TYPICAL DETAILS AND SPECIFICATIONS ARE MINIMUM REQUIREMENTS TO BE USED WHEN CONDITIONS ARE NOT SHOWN OTHERWISE.
- SPECIFIC NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT.
- SEE ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS FOR PITS, TRENCHES, ROOF OPENINGS, DEPRESSIONS, ETC. NOT SHOWN ON THE OTHER DRAWINGS. 17.
- THE CONSTRUCTION DOCUMENTS AND ALL COPIES THEREOF FURNISHED TO CONTRACTOR ARE THE PROPERTY OF THE ARCHITECT AND ARE 18. NOT TO BE USED ON OTHER WORK.

### SITE WORK

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

# SITE WORK (continued)

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

### CONCRETE

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- REFER TO STRUCTURAL ENGINEERING CALCULATIONS AND SOILS REPORT FOR THE PERFORMANCE REQUIREMENTS FOR CONCRETE FOUNDATIONS.
- 2. CONCRETE SHALL BE PROPORTIONED TO PROVIDE AN AVERAGE COMPRESSIVE STRENGTH AS PRESCRIBED IN THE N.C.-R, AS WELL AS SATISFY THE DURABILITY CRITERIA OF THE N.C.-R
- MIXING OF CONCRETE SHALL BE PERFORMED IN ACCORDANCE WITH ACI 318, SECTION 5.8
- THE DEPOSITING OF CONCRETE SHALL COMPLY WITH THE PROVISIONS ACI 318. SECTION 5.10.
- THE CURING OF CONCRETE SHALL BE IN ACCORDANCE WITH ACI 318, SECTION 5.11. 5.
- ALL FORM WORK SHALL BE DESIGNED, CONSTRUCTED, UTILIZED, AND REMOVED.
- CONDUIT, PIPES AND SLEEVES OF ANY MATERIAL NOT HARMFUL TO CONCRETE AND NITHIN THE LIMITATIONS OF ACI 318, SECTION 6.5, ARE PERMITTED TO BE EMPEDDED IN CONCRETE WITH APPROVAL OF THE REGISTERED DESIGN PROFESSIONAL.
- CONSTRUCTION JOINTS INCLUDING THEIR LOCATION SHALL COMPLY WITH THE PROVISIONS OF ACI 318, SECTION 6.4.
- ALL STEEL REINFORCING OF CONCRETE SHALL BE DONE IN ACCORDANCE WITH THE N.C.-R
- TOP OF CONCRETE SLABS TO BE A MINIMUM 4" W/ MASONRY VENEER 6" ELSEWHERE (&" H.J.D.) ABOVE FINISH GRADE. 10.
- FOUNDATION WIDTHS, DEPTHS, AND REINFORCING, AS SHOWN ON PLANS, ARE SUPERCEDED BY ANY LOCAL CODES OR ORDINANCES WHICH REQUIRE INCREASES OF THE SAME.
- 12. ALL REINFORCEMENT, CONDUIT, OUTLET BOXES, ANCHORS, HANGERS, ALL REINFORCEMENT, CONDUCT, DUTLET BOXES, AND HEAS, HANGERS, SLEEVES, BOLTS OR OTHER EMEEDED MATERIALS AND ITHEM MUST BE SECURED AND APPROPRIATELY FASTENED IN THEIR PROPER LOCATIONS PRIOR TO THE FLACEMENT OF CONCRETE. SUB-CONTRACTOR SHALL VERIEY INSTALLATION OF HOLD-DOWNS, ANCHOR BOLTS, PA STRAPS, AND OTHER ANCHORAGE MATERIAL AND ITEMS PRIOR TO PLACEMENT OF CONCRETE.
- POST-TENSION SLABS, IF APPLICABLE: 13.
- POINT AND LINE LOADS FROM STRUCTURE ABOVE TO BE PROVIDED TO POST-TENSION ENGINEER PRIOR TO POST-TENSION DESIGN.
- ANCHOR BOLTS AND OTHER HARDWARE TO BE SHOWN ON POST-TENSION PLANS TO AVOID MIS-LOCATION OF HARDWARE AND POSSIBLE FIELD FIXES WHICH MAY CUT TENDONS. В.

# MASONRY

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

### METALS

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

# WOOD & FRAMING

### LUMBER

- THE DESIGN AND CONSTRUCTION OF CONVENTIONAL LIGHT-FRAME WOOD CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE N.C.-R
- CONSTRUCTION, PROJECTIONS, OPENINGS AND PENETRATIONS OF EXTERIOR WALLS OF DWELLINGS AND ACCESSORY BUILDINGS SHALL COMPLY WITH TABLE R302.1. 2
- ALL LUMBER SHALL MEET THE STANDARDS OF QUALITY AS STATED IN THE N.C.-R З.
- LUMBER AND PLYWOOD REQUIRED TO BE PRESSURE PRESERVATIVELY TREATED IN ACCORDANCE WITH THE NO.-R. AND SHALL BEAR THE QUALITY MARK OF AN APPROVED INSPECTION ADERCY THAT MAINTAINS CONTINUING SUPERVISION, TESTING AND INSPECTION OVER THE QUALITY OF THE PRODUCT AND THAT HAS BEEN APPROVED BY AN ACCREDITATION BODY THAT COMPLIES WITH THE REQUIREMENTS OF THE AVERDICATION BODY THAT COMPLIES WITH THE REQUIREMENTS OF THE AVERDICATION BODY THAT COMPLIES WITH THE REQUIREMENTS OF THE AMERICAN LUMBER STANDARD COMMITTEE TREATED WOOD PROGRAM.
- 5. ALL LUMBER SIZES NOTED AND SPECIFIED ON PLANS ARE NOMINAL SIZES UNLESS SPECIFICALLY INDICATED AS NET SIZE.

### GLUE LAMINATED LUMBER

1.

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

### PROTECTION AGAINST DECAY & TERMITE

- IN AREAS SUBJECT TO DECAY DAMAGE AS ESTABLISHED BY THE N.C.-R THE FOLLOWING LOCATIONS SHALL REQUIRE THE USE OF NATURALLY DURABLE WOOD OR WOOD THAT IS PRESERVATIVE TREATED IN ACCORDANCE WITH AWPA UI FOR THE SPECIES, RROATCH, 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 18 Inches, or wood girders when closer than 12 inches to the exposed groupd in Craal spaces or unexcavated arrays located within the periphery of the building foundation.
- ALL EXTERIOR SILLS & PLATES THAT REST ON CONCRETE OR MASONRY 5 EXTERIOR FOUNDATION WALLS.
- SILLS AND SLEEPERS ON A CONCRETE OR MASONRY, UNLESS THE SLAB THAT IS IN DIRECT CONTACT WITH THE GROUND IS SEPARATED FROM THE GROUND BY AN APPROVED IMPERVIOUS MOISTURE BARRIER 3.
- THE ENDS OF WOOD GIRDERS ENTERING EXTERIOR MASONRY OR CONCRETE WALLS HAVING CLEARANCES OF LESS THAN 0.5 INCH ON TOPS, SIDES AND ENDS.
- WOOD SIDING AND SHEATHING ON THE EXTERIOR OF A BUILDING HAVING A CLEARANCE OF LESS THAN 6 INCHES FROM THE GROUND.
- WOOD STRUCTURAL MEMBERS SUPPORTING MOISTURE-PERMEABL FLOORS OR ROOPS THAT ARE EXPOSED TO THE MEATHER, SUCH AS CONCEPTE OR MASONRY SLABS, 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 BELOW GRADE EXCEPT WHERE AN APPROVED VAPOR RETARDER IS APPLIED BETWEEN THE WALL AND THE FURRING 5. STRIPS OR FRAMING MEMBERS.
- ALL PORTIONS OF A PORCH, SCREEN PORCH OR DECK FROM THE BOTTOM OF THE HEADER DOWN, INCLUDING POSTS, GUARDRAILS, PICKETS, STEPS AND FLOOR STRUCTURE, COVERINGS THAT WOULD PREVENT MOISTURE OR WATER ACCUMULATION ON THE SURFACE OR AT JOINTS BETWEEN MEMBERS ARE ALLOWED
- IN AREAS SUBJECT TO DAMAGE FROM TERMITES METHODS OF PROTECTION SHALL BE ONE OF THE METHODS LISTED IN THE N.C.-R З.
- UNDER-FLOOR AREAS SHALL BE VENTILATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE N.C.-R

# WOOD & FRAMING (continued)

FLOOR FRAMING

ROOF FRAMING

WALL FRAMING

EXCEPTIONS

2

2.

WOOD STRUCTURAL PANELS SHALL CONFORM TO THE REQUIREMENTS AS SET FORTH IN THE N.C.-R

STRUCTURAL FLOOR SHEATHING SHALL COMPLY WITH THE PROVISIONS OF THE N.C.-R

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

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

IN ONE- AND TWO-FAMILY DWELLING CONSTRUCTION USING VINYL OR ALLIMINUM AS A SOFFIT MATERIAL, THE SOFFIT MATERIAL SHALL BE SECURELY ATTACHED TO FRAMING MEMBERS AND USE AN UNDERLAYMENT MATERIAL OF EITHER FIRE RETARDANT TREATED WOOD, 23/52 INCH NOOD SHEATHING OR 5/6 INCH SYPSUM BOARD, VENTING REQUIREMENTS APPLY TO BOTH SOFFIT AND UNDERLAYMENT AND SHALL BE PER SECTION R&OG OF THE NORTH CAROLINA RESIDENTIAL CODE. MHERE THE FROPERTY LINE IS IO FEET 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 ACTER TO THE STRUCTURE LIGHTERS SCINENT FEARS & DALOLE FOR SIZE, SPACING, AND ANCHORAGE OF ALL FLOOR DISTS; 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 DRANINGS FOR APPROVAL OF DESIGN LOADS, CONFIGURATION (2 OR 3 POINT BEARING), VOLUME CEILING OPTIONS, AND SHEAR TRANSFER, PRIOR TO FABRICATION.

TRUSS MEMBERS SHALL NOT BE CUT, NOTCHED, DRILLED, SPLICED OR OTHERWISE ALTERED IN ANY MAY WITHOUT 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 PREMITED 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.

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

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

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

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 NONBEARING WALLS SHALL BE PERMITTED TO BE CONSTRUCTED

INTERIOR NOMBEANING WALLS SHALL BE PERMITTED TO BE CONSTRUCT WITH 2-INCH-BY-3-INCH STIDS SPACED 24 INCHES ON CENTER OR, WHEN NOT A PART OF A BRACED WALL LINE, 2-INCH-BY-4-INCH FLAT STIDS SPACED IG INCHES ON CENTER, INTERIOR NOMBEARING WALLS SHALL BE

CAPPED WITH AT I EAST & SINGLE TOP PLATE INTERIOR NONBEARING

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

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.

- 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.

# WOOD & FRAMING

# (continued)

DRILLING AND NOTHCING OF STUDS SHALL BE IN ACCORDANCE WITH THE

- NOTHCING, ANY STUD IN AN EXTERIOR WALL OR BEARING PARTITION MAY BE CUT OR NOTCHED TO A DEPTH NOT EXCEEDING 25 FERCENT OF ITS WIDTH, STUDS IN NONBEARING PARTITIONS MAY BE NOTCHED TO A DEPTH NOT TO EXCEED 40 FERCENT OF A SINGLE STUD MIDTH, NOTCHING OF BEARING STUDS SHALL BE ON ONE EDGE NELY AND NOT TO EXCEED ONE-FOURTH THE HEIGHT OF THE STUD. NOTCHING SHALL NOT 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 MUTH, THE EDGE OF THE HOLE IS NO MORE THAN 5/6' INCH TO THE EDGE OF THE STUD, AND THE HOLE SHALL NOT BE CLOBER THAN 6 INCHES FROM AN ADJACENT HOLE OR NOTCH. HOLES NOT EXCEEDING 3/4 INCH DIAMETER CAN BE AS CLOBE AS I 1/2 INCHES ON CENTER SPACING, STUD LOCATED IN EXTREIOR MALLS OR BEARING PARTITIONS DRILLED OVER 40 PERCENT AND UP TO 60 PERCENT SHALL ALSO BE DOUBLED WITH NO MORE THAN THO SUCCESSIVE DOUBLED STUDS BORED.
- CUITING AND NOTCHING OF STUDS SHALL BE PERMITTED TO BE INCREASED TO 65 PERCENT OF THE WIDTH OF THE STUD IN EXTERIOR AND INTERIOR WALLS AND BEARING PARTITIONS, PROVIDED THAT ONE OF THE FOLDWING CONDITIONS ARE MET. (a) THE WALL SECTION IS REINFORCED WITH 1/2-INCH EXTERIOR GRADE PLYMOOD OR EQUIVALENT REINFORCHMENT ON THE NOTCHED SIDE OF THE WALL, PLYMOOD, IF USED, SHALL REACH FROM THE FLOOR TO CEILING AND AT LEAST ONE STUD PURTHER ON EACH SIDE OF THE SECTION THAT HAS BEEN NOTCHED OR CUI. (b) THE EXTERIOR WALLS OF A KITCHEN MAY DE REINFORCED BY PLACING 1/2-INCH PLYMOOD OR EQUIVALENT REINFORCEMENT ON THE NOTCHED SIDE OF THE WALL, PLYMOOD, IF USED, SHALL REACH REMT THE FLOOR TO CONTENT-TOP HEIGHT AND AT LEAST ONE STUD PURTHER ON EACH SIDE OF THE SECTION THAT HAS BEEN NOTCHED OR CUI. NOTCHED OR CUT

WHEN PIPING OR DUCTWORK IS PLACED IN OR PARTIALY IN AN EXTERIOR WHEN PIPING OR DUCTWORK IS PLACED IN OR PARTIALY IN AN EXTERIOR OR INTERIOR LOAD-BEARING WALL NECESSITATION (UTTING, DRILLING OR NOTCHING OF THE TOP PLATE B MORE THAN 50 PERCENT OF ITS MIDTH A GALVANIZED METAL TIE OF NOT LESS THAN 50 PERCENT OF ITS MIDTH A GALVANIZED METAL TIE OF NOT LESS THAN 0.054 INCH THICK AND I 1/2" INCHES WIDE SHALL BE FASTENED ACROSS AND TO THE PLATE AT EACH SIDE OF THE OPENING MITH NOT LESS THAN EIGHT IOD NAILS HAVING A MINIMUM LENGTH OF I/2 INCHES (SA MM) AT EACH SIDE OR EQUIVALENT. THE METAL TIE MUST 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

WILED SUVERED BY INTERIOR OR EXTERIOR WALL COVERINGS OR SHEATHING 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 SNUGLY AND NAILED THERETO TO PROVIDE ADEQUATE LATERAL SUPPORT. UNLESS COVERED BY INTERIOR OR EXTERIOR WALL COVERINGS OR

### FIRE BLOCKS AND DRAFT STOPS

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CTIONS

FIRE BLOCKING SHALL BE PROVIDED TO CUT OFF ALL CONCEALED DRAFT OPENINGS (BOTH VERTICAL AND HORIZONTAL) AND TO FORM AN EFFECTIVE BARRIER BETWEEN STORIES, AND BETWEEN A TOP STORY AND A ROOF SPACE, FIREBLOCKING SHALL BE PROVIDED IN 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 BROKEN LAP JOINTS, OR ONE THICKNESS OF 23/22-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, 1/2-INCH GYPSOM BOARD, OR 1/4-INCH CEMENT-BASED

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 PERMITTED 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 (DOO SQUARE FEET. DRAFTSTOPPING SHALL DIVIDE THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS, WHERE THE ASSEMBLY IS ENCLOSED BY A FLOOR MEMBRANE ABOVE AND A CEILING MEMBRANE BELOW, DRAFTSTOPPING SHALL BE PROVIDED IN FLOOR/CEILING ASSEMBLIES UNDER THE FOLLOWING CIRCUMSTANCES.

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

### HANDRAIL AND GUARDRAIL

SUARDRAIL 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

# HOME Harnet MASTER SET 02/01/2022 NORTH CAROLINA 40' SERIES KB HOME NORTH CAROLINA DIVISION 4506 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703 TEL: (919) 768-7980 ∎ FAX: (919) 544-2928 . . . . . . . . . . 2018 NORTH **CAROLINA STATE** BUILDING CODES . . . . . . . . . . . . . . ISSUE DATE: 07/31/18 PROJECT No.: 1350999:56 DIVISION MGR.: MCP REVISIONS: 08/29/19 2018 CODE UPDATE NCI90I5NCP- 01/23/19 MCP DIVISION REVISION DIVISION REVISION NCI9005NCP- 02/28/19 MCP DIVISION REVISION DIVISION REVISION NCI9055NCP- 08/29/19 FAE FOR INTERNAL USE ONL PLAN. 240.3174-R SHEET: GNI SPEC. LEVEL 1

**RALEIGH-DURHAM** 

40' SERIES

# THERMAL & MOISTURE

## PROTECTION

- PROVIDE ALL FLASHING, COUNTER-FLASHING, BITUTHENE, MEMBRANE WATERRROOFING, SHEET METAL, CAULKING, 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 ROOFS AND SIMILAR SURFACES EXPOSED TO THE NEATHER AND SEALED UNDER-NEATH GHALL BE MATERPROOFED AND SLOPED A MINIMUM OF 1/4 UNIT VERTICAL IN 12 UNITS HORIZONTAL (2% SLOPE) FOR DRAINAGE.
- PROVIDE A MINIMUM 2 INCH DROP FROM FINISHED INTERIOR FLOOR ELEVATION TO THE HIGHEST FLOOR ELEVATION OF ANY ADJOINING DECK OR BALCONY.
- ELASTOMERIC OR MEMBRANE DECK COATINGS SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS AT DECKS AND BALCONIES. COLOR, FINISH, AND DETAILING SHALL BE APPROVED BY OWNER/ BUILDER AND ARCHITECT.
- unless designed to drain over deck edges, drains and over-flows of adequate size shall be installed at the low points of the deck or balcony.
- FOUNDATION WALLS WHERE THE OUTSIDE GRADE IS HIGHER THAN THE INSIDE GRADE SHALL BE WATER-PROOFED AN DAMPPROOFED IN ACCORDANCE WITH THE N.C.-R
- PARAPET WALLS SHALL BE PROPERLY COPED WITH NONCOMBUSTIBLE, NEATHERPROOF 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

- APPROVED CORROSION-RESISTANT FLASHING SHALL BE APPLIED SHINGLE-FASHION IN A MANUER TO PREVENT ENTRY OF WATER INTO THE WALL 12. CAVITY OR PENETRATION OF WATER TO THE BUILDING STRUCTURAL FRAMING COMPONENTS. SELF-ADHERED NEWBRANES USED AS FLASHING SHALL COMPLY WITH AAMA TII. FLUID-APPLIED MEMBRANES USED AS FLASHING SHALL EXTERIOR WALLS SHALL COMPLY WITH AAMA TI. THE FLASHING SHALL EXTERIOR WALLS SHALL COMPLY WITH AAMATI THE THEASHING SHALL EXTERIOR TO THE SURFACE OF THE EXTERIOR MALL FINISH, ALUMINUM FLASHING SHALL NOT THE SURFACE OF THE EXTERIOR MALL FINISH, ALUMINUM FLASHING SHALL NOT BE USED IN CONTACT WITH CEMENTICUS MATERIAL, EXCEPT AT COUNTER FLASHING. APPROVED CORROSION-RESISTANT FLASHINGS SHALL BE INSTALLED AT ALL OF THE LOCATIONS STATED IN NC-R. 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 З. 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 CONTRACTOR'S 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 SALE INTRAL BESIEL SALE ONES, MOTOTPED, NORT COALED AND GALVANIZED, CONFORMING TO A.S.T.M. A525 AND SHALL BE A NUMBER 24 SHEET METAL GAGE UNLESS OTHERWISE NOTED IN THESE NOTES, PLANS, OR MANUFACTURER'S SPECIFICATIONS.
- SHEET ALUMINUM SHALL CONFORM WITH FEDERAL SPECIFICATIONS QQ-A-359 AND A.S.T.M. B209 ALLOY 3003.
- FABRICATE SHEET METAL WITH FLAT LOCK SEAMS AND SOLDER WITH TYPE AND FLUX RECOMMENDED BY MANUFACTURER. SEAL ALUMINUM SEAMS WITH EPOXY METAL SEAM CEMENT. WHERE REQUIRED FOR STRENGTH, RIVET SEAMS AND JOINTS.
- SHOP FABRICATE TO THE GREATEST EXTENT POSSIBLE IN ACCORDANCE WITH APPLICABLE STANDARDS TO PROVIDE A PERMANENTLY WATER-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 MINIMUM MOMINAL OCIDI-INCH THICKNESS OR MINERAL SUFFACE ROLL ROOFING HEIGHING A MINIMUM OF TT POUNDS PER IOS SQUARE FEET. CAP FLASHING SHALL BE CORROSION-RESISTANT METAL OF MINIMUM NOMINAL OCIDI-INCH THICKNESS
- VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS BEFORE APPLYING SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED AS STATED PER THE N.C.-R
- A CRICKET OR SADDLE SHALL BE INSTALLED ON THE RIDGE SIDE OF ANY CHIMNEY OR PENETRATION MORE THAN 30 INCHES WIDE AS MEASURED PERPENDICULAR TO THE SLOPE. CRICKET OR SADDLE COVENINGS SHALL BE SHEET NETAL OR OF THE SAME MATERIAL AS THE ROOF COVENING. FROVIDE FLASHING AT THE INTERSECTION OF CRICKET OR SADDLE AND THE CHIMNEY. 12.
- 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, VENT PIPE AND CHIMNEY FLASHING, SHALL BE APPLIED ACCORDING TO T ASPHALT SHINGLE MANUFACTURER'S PRINTED INSTRUCTIONS. TO THE
- AT THE JUNCTURE OF ROOF VERTICAL SURFACES, FLASHING AND COUNTERFLASHING SHALL BE PROVIDED IN ACCORDANCE WITH THE 15. N.C.-R AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND NHERE OF METAL, SHALL NOT BE LESS THAN O.O.I. INCH (NO. 26 GALVANIZED SHEET GAGE) CORROSION-RESISTANT METAL
- 16. VALLEY FLASHING FOR CONCRETE TILE ROOFS SHALL BE AS REQUIRED

### ROOFING MATERIALS

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

# THERMAL & MOISTURE PROTECTION (continued)

- ROOF COVERING MATERIALS SHALL BE DELIVERED IN PACKAGES BEARING THE MANUFACTURER'S IDENTIFYING MARKS AND APPROVED TESTING AGENCY LABELS WHEN REQUIRED, BULK SHIFMENTS OF MATERIALS SHALL BE ACCOMPANIED BY THE SAME INFORMATION ISQUED IN THE FORM OF A CERTIFICATE OR ON A BILL OF LADING BY THE MANUFACTURER
- COMPOSITION ROOFING SHINGLES SHALL BE OF ASPHALT OR APPROVED RELATED MATERIALS AND MEET THE REQUIREMEN OF THE N.C.-R
- UNDERLAYMENT FOR ASPHALT SHINGLES SHALL CONFORM TO ASTM D 226 TYPE I, ASTM D 4864, TYPE I, OR ASTM D 6757, SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET SHALL COMPLY WITH ASTM D 1970
- ASPHALT SHINGLES SHALL COMPLY WITH ASTM D 225 OR ASTM D 3462.
- FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED STEEL, STAINLESS STEEL, ALUMINUM, OR COPPER ROOFING NAILS, MINIMUM 12 GAGE 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 5/4 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 SECRED TO THE ROOF NITH NOT LESS THAN FOUR FASTENERS FER STRIP SHINGLE OR TWO FASTENERS FER 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.
- CONCRETE AND CLAY TILE SHALL BE INSTALLED ONLY OVER SOLID SHEATHING OR SPACED STRUCTURAL SHEATHING BOARDS

CLAY AND CONCRETE ROOF TILE SHALL BE INSTALLED ON ROOF SLOPES OF 2 1/2 UNITS VERTICAL IN IZ UNITS HORIZONTAL (2-1/2.12) OR GREATER. FOR ROOF SLOPES FROM 2 1/2 UNITS VERTICAL IN 12 UNITS HORIZONTAL (2-1/2.12) TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (4-12), DOUBLE UNDERLATMENT APPLICATION IS REQUIRED IN ACCORDANCE WITH THE N.C.-R

- UNDERLAYMENT FOR CLAY AND CONCRETE TILE SHALL CONFORM WITH ASTM D 226, TYPE II; ASTM D 2626 TYPE I; OR ASTM D 6380 CLASS M MINERAL SURFACED ROLL ROOFING.
- 15. CONCRETE ROOF TILE SHALL COMPLY WITH ASTM C 1492.
- NAILS SHALL BE CORROSION-RESISTANT AND NOT LESS THAN II GAGE, NAILS SHALL BE CORROBION-REDISTANT AND NOT LESS THAN II GAGE, STIG-INCH HEAD, AND OF SUFFICIENT LENGTH TO PENETRATE THE DECK A MINNMM OF 3/4-INCH OR THROUGH THE THICKNESS OF THE DECK, WHICHEVER IS LESS. ATTACHING WIRE FOR CLAY OR CONCRETE TILE SHALL NOT BE SHALLER THAN 0.083-INCH. PERIMETER 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 MANUFACTURERS 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 ROOFS THAT SHALL HAVE A DESIGN SLOPE OF A MINIMUM ONE-EIGHTH UNIT VERTICAL IN 12 UNITS HORIZONTAL (I-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 AGAINST CONDENSATION IN THE EXTERIOR WALL ASSEMBLY SHALL BE PROVIDED.

- 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, WITH 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 SHALL BE LAPPED NOT LESS THAN 2 INCHES, INTER FELT OR OTHER APPROVED MATERIAL SHALL BE APPENDATE LESS CHARTER FOR OTHER APPROVED MATERIAL SHALL BE CONTINUOUS TO THE FOP OF WALLS AND TERMINATED AT PENETRATIONS AND BUILDING APPENDAGES IN A MANNER TO MEET THE REQUIREMENTS OF THE EXTERIOR WALL ENVELOPE. HE EXTERIOR WALL ENVELOP
- VINTL SIDING CONFORMING TO THE REQUIREMENTS OF THE N.C.-R AND COMPLYING WITH ASTM D 3619 SHALL BE FERMITTED ON EXTERIOR WALLS OF BUILDINGS OF TTPE V CONSTRUCTION LOCATED IN AREAS WHERE THE ULTIMATE WIND SPEED SPECIFIED DOES NOT EXCEED LOO MILES FER HOUR AND THE BUILDING HEIGHT IS LESS THAN 40 FEET IN EXPOSURE C. WHERE AND THE BUILDING HEIGHT IS LESS THAN 40 FEET IN EXPOSURE C. WHERE 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. VINYL SIDING SHALL BE SECURED TO BUILDING TO PROVIDE WEATHER PROTECTION FOR THE EXTERIOR WALLS OF THE BUILDING.
- VINYL SIDING SHALL BE APPLIED OVER SHEATHING OR MATERIALS LISTED IN THE N.C.-R VINYL SIDING SHALL BE APPLIED TO CONFORM WITH THE WEATHER-RESISTIVE BARRIER REQUIREMENTS VINYL SIDING AND ACCESSORIES SHALL BE INSTALLED IN ACCORDANCE WITH APPROVED MANUFACTURER'S INSTRUCTIONS
- VINYL SIDING FASTENERS AND ACCESSORIES SHALL MEET THE REQUIREMENTS OF THE N.C.-B
- EXTERIOR WALLS OF WOOD CONSTRUCTION SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE N.C.-R

# THERMAL & MOISTURE PROTECTION (continued)

- HARDBOARD SIDING SHALL CONFORM TO THE REQUIREMENTS OF AHA AI35,6 AND, WHERE USED STRUCTURALLY, SHALL BE SO IDENTIFIED BY THE LABEL OF AN APPROVED AGENCY.
- WOOD VENEERS ON EXTERIOR WALLS OF BUILDINGS OF TYPES I, II, III, AND IV CONSTRUCTION SHALL BE NOT LESS THAN I-INCH NOMINAL THICKNESS, 0.438-INCH EXTERIOR HARDBOARD SIDING OR 0.375-INCH EXTERIOR-TYPE WOOD STRUCTRAL 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 CIIB6, TYPE A, MINIMUM GRADE

II. LAP SIDING SHALL BE LAPPED A MINIMUM OF II/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 WITH NC-R. LAP SIDING COURSES MAY BE INSTALLED WITH THE FASTENER HEADS EXPOSED OR CONCELED, ACCORDING TO NC-R OR APPROVED MANUFACTURERS INSTALLATION INSTRUCTIONS.

- INSULATING MATERIALS, INCLUDING FACINGS, SUCH AS VAPOR RETARDERS OR VAPER-PERMEABLE MEMBRANES/INSTALLED WITHIN FLOOR-CEILING ASSEMBLIES, ROOK-CEILING ASSEMBLIES, NALL-ASSEMBLIES, CRANL SPACES AND ATTICS SHALL HAVE A FLAME-SPREAD INDEX NOT TO EXCEED 25 WHEN TESTED IN ACCORDAN DEVELOPED INDEX NOT TO EXCEED 450 WHEN TESTED IN ACCORDAN INSULATING MATERIALS, INCLUDING FACINGS, SUCH AS VAPOR 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 CELLUSE LOSSEFILE INSULATION PACLESSEFICT WITH CHSULATING CFR, PARES 1204 AND 1404. EACH PACKASE OF SUCH INSULATING MATERIAL SHALL BE CLEARLY LABELED IN ACCORDANCE WITH CPSC 16 CFR, PARTS 1204 AND 1404.
- INSULATION IN FLOOR-CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLIES, NALLS, CRAWL SPACES OR ATTICS SHALL BE EITHER OF THE BLOWN-IN CELLULOSE TYPE OR FIBERGLASS BATTS OR BLANKET TYPE PER BUILDER'S SPECIFICATIONS.
- THE ENERGY EFFICIENCY REQUIREMENTS INCLUDING I.E.C.C. BUT NOT LIMITED TO INSULATION "R" VALUES, PERCENTAGE OF GLAZING "U" VALUES, ETC. SHALL BE DETERMINED BY THE ADOPTED STATE AND LOCAL ENERGY CODE EQUIREMENTS, 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 OTHERWISE 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 SYSTEMS AND UNDER KNEE WAIL IS OFEN 70 UND CONDITIONED OR EXTERMS SEALED SITEMS

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 WITH THE BUILDING ENVELOPE AIR BARRIER, INSULATON 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 NOTAL BE ON EVTENDE WALL BE ENCLOSED AT THE FOLLOWING LOCATIONS WHEN 10. NSTALLED ON EXTERIOR WALLS PRIOR TO BEING COVERED BY SUBSEQUENT CONSTRUCTION, CONSISTENT WITH APPENDIX E-2.3 AND E-2.4 OF NC-R:

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

# DOORS & WINDOWS

- SEE FLOOR PLANS AND ELEVATIONS FOR SIZES AND TYPES OF DOORS AND WINDOWS AND FOR ANY DIVIDED LITE PATTERNS. COLORS SHALL BE APPROVED BY THE BUILDER AND ARCHITECT.
- OPENINGS FROM A PRIVATE GARAGE DIRECTLY INTO A ROOM USED FOR SLEEPING PURPOSES SHALL NOT BE PERMITTED. OTHER OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL EQUIPPED NITH SOLID WOOD DOORS NOT LESS THAN I 3/8 INCHES IN THICKNESS, SOLID OR HONE'COMB CORE STEEL DOORS NOT LESS 1 3/8 INCHES THICK, OR 20-MINUTE FIRE
- 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 HHEN SOMETHING IS BLOCKING THE PATH OF THE DOOR. SEE MANUFACTURER'S INSTALL TOUS INSTALLTION INSTRUCTIONS
- ALL MANUFACTURED WINDOWS AND SLIDING GLASS DOORS SHAL MEET THE AIR INFILTRATION STANDARDS OF THE CURRENT AMERICAN NATIONAL STANDARDS INSTITUTE A.T.M. E283-13 WITH A PRESSURE DIFFERENTIAL OF 1.57 POUNDS PER SQUARE FOOT AND SHALL BE CERTIFIED AND LABELED.
- BASEMENTS, HABITABLE ATTICS AND EVERY SLEEPING ROOM SHALI 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 MINIMU NET CLEAR OPENING OF NOT LESS THAN 5 SQUARE FEET IN THE CASE OF GROUND FLOOR LEVEL 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  $\mbox{\tiny T}$  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, WITH A MINIMUM HORIZONTAL PROJECTION AND WIDTH OF 36 INCHES. THE AREA OF THE WINDOW WELL SHALL ALLOW HERREPEVCY ESCAPE AND RESCLE OFENING TO BE FULLY OFENED PERT THE N.C.-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"
- WINDOW 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 OPENNOS, BULKHEAD ENCLOSURES, OR WINDOW WELLS THAT SERVE SUCH OPENNOS, PROVIDED THE MINIMUM NET CLEAR OPENNOS 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 KNOWLEDE OR FORCE GREATER THAN THAT WIGH IS REQUIRED FOR NORMAL OPERATION OF THE ESCAPE AND RESCUE OPENING
- ALL INTERIOR EGRESS DOORS AND A MINIMUM OF ONE EXTERIOR EGRESS DOOR SHALL BE READILY OPENABLE FROM THE SIDE FROM WHICH EGRESS IS TO BE MADE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

### GLAZING & SAFETY GLAZING

3.4

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

INDIVIDUAL GLAZED AREAS, INCLUDING GLASS MIRRORS IN HAZARDOUS

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

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 IS INCHES ABOVE THE FLOOR.

3.3 TOP EDGE MORE THAN 36 INCHES ABOVE THE FLOOR

SLIDING AND BIFOLD ADDORES SLIDING AND BIFOLD ADDORS GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL IN THE SAME FLANE AS A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN 24-INCHES OF THE DOOR IN A CLOSED POSITION AND WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FLOOR OR WALKING

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 ABOVE A WALKING SURFACE.

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

GLAZING IN WALLS AND FENCES ENCLOSING INDOOR AND OUTDOOR SWIMMING POOLS, HOT TUBS AND SPAS INHERE 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

ALL 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.

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

HINGED SHOWER DOORS SHALL OPEN OUTWARD.

SECTIONS OF WINDOWS SHALL NOT PERMIT OPENIN

CONSERVATION CODE.

GLAZING SHALL BE IN ACCORDANCE WITH ENERGY COMPLIANCE

THE MODEL ENERGY CODE OR THE INTERNATIONAL ENERGY

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 DRELLING WITH, MERLE INL OFFICIED OF AN OFFICIER WITHOUT RADIA LOCATED MORE THAN 72 INCHES (1829 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

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

# FINISHES

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 1172, C 1276, C 1276, C 136, C 0, C 1650, AND SHALL DE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF 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 PERFENDICULAR TO THE FRAMING MEMBERS. EDGES AND ENDS OF GYPSUM BOARD SHALL BE IN MODERATE CONTACT EXCEPT IN CON-CEALED SPACES WHERE FIRE-RESISTACE-RATED CONSTRUCTION, SHEAR RESISTANCE, OR DIAPHRAGAM 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 SITES AND ADDRESS AND ADDRESS TO ADDRESS TO ADDRESS TO ADDRESS CEILINGS WHERE FRAMING SPACING DOES NOT EXCEED 12 INCHES ON CENTER FOR 1/2-INCH-THICK OR 16 INCHES FOR 5/8-INCH-THICK GYPSUM BOARD WATER-RESISTANT GYPSUM BOARD SHALL NOT BE INSTALLED OVER A VAPOR RETARDER IN A SHOWER OR TUB COMPARTMENT. CUT OR EXPOSED EDGES, INCLUDING THOSE AT WALL INTERSECTIONS, SHALL BE SEALED AS RECOMMENDED BY THE MANUFACTURER.

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

WHEN APPLYING A WATER-BASED TEXTURE MATERIAL, THE MINIMUM GYPSUM BOARD THICKNESS SHALL BE INCREASED FROM 3/6 INCH TO 1/2 INCH FOR IG-INCH ON CENTER FRAMING, AND FROM 1/2 INCH TO 5/6 INCH FOR 24-INCH ON CENTER FRAMING OR 1/2 INCH SAG-RESISTANT GYPSUM CELING 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 OTHERWISE, ALL WALL COVERINGS SHALL BE SECONDLY FASTENED FER THE N.C. RO RINTH ATHER APPROVED ALUMINM, STAINLESS STEEL, ZINC-COATED OR OTHER APPROVED CORROSION-RESISTIVE FASTENERS, INHERE THE BASIC NING SPEED IS 110 MILES PER HOUR OR HIGHER, THE ATTACHMENT OF WALL COVERINGS SHALL BE DESIGNED TO RESIST THE COMPONENT AND CLADDING LOADS SPECIFIED AND ADJUSTED FOR HEIGHT AND EXPOSURE.

A MINIMUM 0.019-INCH (NO. 26 GALVANIZED SHEET GAGE), CORROSION-RESISTANT MEEP SCREED OR PLASTIC MEEP SCREED, WITH A MINIMUM VERTICAL. ATTACHMENT FLANGE OF 31/2 (INCHES SHALL BE PROVIDED AT OR BELON THE FOUNDATION PLATE LINE ON EXTERIOR STUD MALLS IN ACCORDANCE WITH ASTM C 920. THE HEEP SCREED SHALL BE PLACED A MINIMUM OF 4 INCHES ABOVE THE EARTH OR 2 INCHES ABOVE PLACED A MINIMUM OF 4 INCHES ABOVE THE EARTH OR 2 INCHES ABOVE PLACED A MINIMUM OF 4 INCHES ABOVE THE EARTH OR 2 INCHES ABOVE MATER TO DRAIN TO THE EXTERIOR OF THE BUILDING. THE WEATHER-RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED. A MINIMUM 0.019-INCH (NO. 26 GALVANIZED SHEET GAGE),

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

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

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

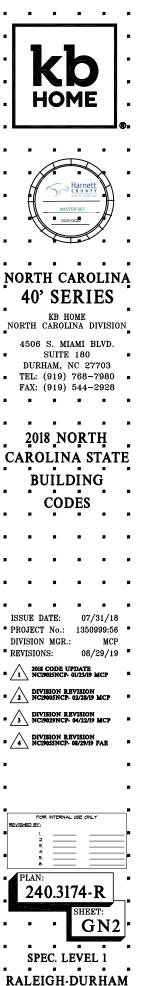
ONLY APPROVED PLASTICITY AGENTS AND APPROVE AMOUNTS THEREOF MAY BE ADDED TO PORTLAND CEMENT. WHEN PLASTIC CEMENT IS USED, NO ADDITIONAL LINE OR PLASTICIZERS SHALL BE ADDED. HYDRATED LIME OR THE EQUIVALENT AMOUNT OF LIME FUTTY USED AS A PLASTICIZER MAY BE ADDED TO CEMENT PLASTER OR CEMENT AND LIME PLASTER IN AN AMOUNT NOT TO EXCEED THAT EORTH 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 HGHER THAN 40 DEGREES F (4 DEGREES C), UNLESS PROVISION: ARE MADE TO KEEP CEMENT PLASTER WORK ABOVE 40 DEGREI F (4 DEGREES C), PRIOR TO & DURING APPLICATION AND 48 HOURS THEREAFTER.

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 OWNERBUILDER'S APPROVAL PRIOR TO ORDERING MATERIALS OR EQUIPMENT.
- WHERE AIR CONDITIONING IS AN OPTIONAL FEATURE, HEATING SYSTEMS MUST BE DESIGNED AND DUCT WORK SIZED TO ACCOMMODATE FUTURE AIR CONDITIONING NEEDS.
- WHERE THE PRIMARY HEATING SYSTEM IS A FORCED-AIR FURNACE, AT LEAST ONE THERMOSTAT PER DWELLING UNIT SHALL BE CAPABLE OF CONTROLLING THE HEATING AND COOLING SYSTEM ON A DAILY SCHEDULE TO MAINTAIN DIFFERENT 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 (24 C).
- 5. ALL DUCTWORK SHALL CONFORM TO THE REQUIREMENTS OF THE
- COMBUSTION AIR SHALL BE PROVIDED FOR FORCED AIR UNITS IN ACCORDANCE WITH N.C.-R
- CONTRACTOR TO PROVIDE BOOT IN DUCTWORK WHEN OPTIONAL "HONEYWELL" OR "CARRIER" ELECTRONIC AIR CLEANER IS PROVIDED. 7.
- 8. DUCTS IN THE GARAGE AND DUCTS PENETRATING THE WALLS OR CEILINGS SEPARATING THE DWELLING FROM THE GARAGE SHALL BE CONSTRUCTED OF A MINIMUM NO. 26 GAGE SHEET STEEL OR OTHER APPROVED MATERIAL AND SHALL HAVE NO OPENINGS INTO THE GARAGE PER N.C.-R
- EXTERIOR-GRADE INSTALLATIONS, EQUIPMENT AND APPLIANCES INSTALLED ABOVE GRADE LEVEL SHALL BE SUPPORTED ON A SOLID BASE OR APPROVED MATERIAL A MINIMUM OF 2 INCHES THICK.
- 10. UNDER-FLOOR INSTALLATION, SUSPENDED EQUIPMENT SHALL BE A MINIMUM OF 6 INCHES ABOVE THE ADJOINING GRADE.
- CRAWL SPACE SUPPORTS. IN A CRAWL SPACE, A MINIMUM OF 2-INCH CRARL STACE SOFTCRIS. IN A CRARL STACE, A MINIMUM OF JAINCH THICK SOLID BASE, JAINCH (SI MN) THICK FORMED CONCETE, OR STACKED MASONRY WITS HELD IN PLACE BY MORTAR OR OTHER APPROVED METHOD. THE MATER HEATER SHALL BE SUPPORTED NOT LESS THAN 2 INCHES ABOVE GRADE.
- 12. DRAINAGE. BELOW-GRADE INSTALLATIONS SHALL BE PROVIDED WITH A NATURAL DRAIN OR AN AUTOMATIC LIFT OR SUMP PUMP. FOR PIT REQUIREMENTS REFER TO N.C.-M

### VENTING

- IN LIEU OF REQUIRED EXTERIOR OPENINGS FOR NATURAL VENTILATION IN BATHROOMS CONTAINING A BATHTUB, SHOKER OR COMBINATION THEEREOF, A MECHANICAL VENTILATION SYSTEM MAY BE PROVIDED. THE MINIMW VENTILATION RATES SHALL BE SO CPM FOR INTERMITTENT VENTILATION OR 20 CPM 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 CRANL SPACE OR AREAS INSIDE THE BUILDING. DUCTS SERVING RANGE HOODS SHALL BE CONSTRUCTED OF GALVANIZED STEEL, STAINLESS STEEL OR CORREP.
- WHERE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND WHERE MECHANICAL OR NATURAL VENTILATION IS OTHERWISE PROVIDED, LISTED AND LABELED DUCTLESS RANGE HOODS SHALL NOT BE REQUIRED TO DISCHARGE TO THE OUTDOORS PER N.C.-M
- DUCTS FOR DOMESTIC KITCHEN COOKING APPLIANCES EQUIPPED MITH DOWN DRAFT EXHAUST SYSTEMS SHALL BE PERMITTED TO BE CONSTRUCTED OF SCHEDULE 40 PXC PIPE REVOVIDED THAT THE INSTALLATION COMPLIES WITH ALL OF THE FOLLOWING PER N.C.-M:
- THE DUCT SHALL BE INSTALLED UNDER A CONCRETE SLAB POURED ON GRADE.
- THE UNDERFLOOR TRENCH IN WHICH THE DUCT IS INSTALLED SHALL BE COMPLETELY BACKFILLED WITH SAND OR GRAVEL.
- THE PVC DUCT SHALL EXTEND NOT GREATER THAN I INCH ABOVE THE INDOOR CONCRETE FLOOR SURFACE. c.
- D. THE PVC DUCT SHALL EXTEND NOT GREATER THAN I INCH ABOVE GRADE OUTSIDE THE BUILDING.
- E. THE PVC DUCTS SHALL BE SOLVENT CEMENTED.
- EXHAUST HOOD SYSTEMS CAPABLE OF EXHAUSTING IN EXCESS OF 400 CFM SHALL BE PROVIDED WITH MAKEUP AIR AT A RATE APPROXIMATELY EQUAL TO THE EXHAUST AIR RATE THAT IS IN EXCESS OF 400 CUBIC FEET PER MINITE, SUCH MAKEUP AIR SYSTEMS SHALL BE EQUIPPED WITH A TEN MINULE SUCH MANUP AND SHALL BE LAUTOMATICALLY CONTROLLED TO MEANS OF CLOSURE AND SHALL BE AUTOMATICALLY CONTROLLED TO START AND OPERATE SIMULTANEOUSLY WITH THE EXHAUST SYSTEM. DAMPERS SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION
- DOMESTIC WATER HEATERS, UNLESS SPECIFIED OTHERWISE BY THE MANUFACTURERS'INSTALLATION INSTRUCTIONS, SHALL BE VENTED TO THE OUTSIDE AIR BY A TYPE B' VENT AND COMPLY WITH THE REQUIREMENTS OF THE N.C.-M

### PLUMBING

- A POTABLE WATER SUPPLY SYSTEM SHALL BE DESIGNED. INSTALLED AND MAINTAINED IN SUCH A MANNER SO AS TO PREVEN AND MAINIAINED IN SUCH A MANNER SO AS 10 PREVENI CONTAMINATION FROM NONPOTABLE LIQUIDS, SOLIDS 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 SO AS TO PREVENT BACKFLOW, PLUMBING FIXTURE FITTINGS SHALL PROVIDE BACKFLOW PROTECTION IN ACCORDANCE WITH ASME AU2.18.1

# MECHANICAL & PLUMBING (continued)

- ALL DEVICES, APPURTENANCES, APPLIANCES AND APPARATUS INTENDED TO SERVE SOME SPECIAL FUNCTION, SUCH AS STERILIZATION, DISTIL-LATION, PROCESSING, COOLING, OR STORAGE OF ICE OR FOODOS, AND THAT CONNECT TO THE WATER SUPPLY SYSTEM, SHALL BE PROVIDED WITH PROTECTION AGAINST BACKFLOW AND CONTAMINATION OF THE WATER SUPPLY SYSTEM, WATER FUMPS, FILTERS, SOFTENERS, TANKS AND ALL OTHER APPLIANCES AND DEVICES THAT HANDLE OR TREAT POTABLE WATER SHALL BE PROTECTED AGAINST CONTAMINATION.
- WATER SERVICE PIPING SHALL BE PROTECTED IN ACCORDANCE WITH N.C.-P SECTIONS AND EXCEPTIONS)
- FIXTURE FITTINGS, FALCETS 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 AI2.10.11 M ADDITION TO THE REQUIREMENTS IN  $\rm N.C.-P$
- THE INSTALLATION OF A WATER SERVICE OR WATER DISTRIBUTION PIPE THE INSTALLATION OF A MATER SERVICE OR WATER DISTRIBUTION PIPE SHALL BE REVAIBILED IN SOIL AND GROUND MATER THAT IS CONTAMINATED. GROUND MATER CONDITIONS SHALL BE REQUIRED TO ACERTAIN THE ACCEPTABILITY OF THE WATER SERVICE OR WATER DISTRIBUTION PIPING MATERIAL FOR THE SECURIC INSTALLATION. WHERE DETRIMENTAL CONDITIONS EXIST, APPROVED ALTERNATIVE MATERIALS OR ROUTING SHALL BE REQUIRED.
- WATER DISTRIBUTION PIPE SHALL CONFORM TO NSF 61 AND SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN N.C.-PLUMBING, ALL WATER DISTRIBUTION PIPE AND TUBING SHALL HAVE A MINIMUM PRESSURE RATING OF 100 PSI AT 160 DEGREES F. 8.
- PIPE PASSING THROUGH CONCRETE OR CINDER WALLS AND FLOORS OR FITE FASING TINGGEN CONCLETE ON UNDER MALES AND TELOORS 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 LIME 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 NASTE 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 MINIMUM OF R-65 INSULATION DETERMINED AT T5 DEG. F IN ACCORDANCE WITH ASTM CITT OR HEAT OF ROT 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 13. LISTED IN N.C-R
- BUILDING SEVER 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 FLISHED TOILET MAY BE INDESIRABLE, SUCH AS IN NALLS 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.
- AND SHALL BE
- GAS AND ELECTRIC WATER HEATERS HAVING AN IGNITION SOURCE SHALL BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS NOT LESS THAN IS INCHES 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 BEDROOMS OR IN A CLOSET WITH ACCESS ONLY THROUGH A BEDROOM OR BATHROOM, HOKEVER, NATER HEATERS OF THE AUTOMATIC STORAGE TYPE MAY BE INSTALLED AS REPLACEMENT IN A BATHROOM, MHEN APROVED BY THE PLUMBING 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, NATER 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 OCCUPEED SPACES, OR UNVENTILATED CRANL SPACES, A LOCATION WHERE WATER LEAKAGE FROM THE TANK WILL CAUSE DAMAGE TO RRIVARY STRUCTURAL LEARAGE FROM THE TAIN AILL CAUGE DAFINGLE OF TRIFFACT STRUCTURE MEMBERS, THE TAIK OR WATER HEATER SHALL BE INSTALLED IN A GALVANIZED STEEL PAN HAVING A MINIMUM THICKNESS OF 24 GAGE, OR OTHER PANS APPROVED FOR SUCH USE.
- WHERE CLOTHES WASHING MACHINES ARE LOCATED ON WOOD FRAMED 24 FLOORS WHERE LEAKAGE WOULD CAUSE DAMAGE, A GALVANIZED STEEL PAN HAVING A MINIMUM THICKNESS OF 24 GAGE, OR OTHER PANS ROVED 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 AII2.15 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, MITH OR MITHOUT A FOOD-NASTE DISPOSER, SHALL BE SERVED BY A TRAP OF NOT LESS THAN II/2 INCHES (36 MM) IN OUTSIDE DIAMETER. THE DISHWASHER DISCHARGE PIEF OR TUBING SHALL RISE TO THE WIDERSIDE OF THE CONTER AND SHALL BE SECURELY FASTENED TO THE WIDERSIDE OF THE SINK RIM OR COUNTER BEFORE CONNECTING TO THE WIDERSIDE OF THE SINK RIM OR COUNTER BEFORE CONNECTING TO THE WIDERSIDE OF THE SINK RIM OR COUNTER DEFORE CONNECTING THE HEAD OF THE FOOD-MASTE DISPOSER OR TO A WYE FITTING IN THE SINK TAILPIECE.

### FIREPLACES

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

# ELECTRICAL

- ALL MATERIALS AND APPLIANCES, INSTALLATION AND CONSTRUCTION METHODS SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE OR CURRENT SAE REQUIREMENTS.
- ALL ELECTRICAL SYSTEMS, CIRCUITS, FIXTURES AND EQUIPMENT SHALL 2. BE GROUNDED IN A MANNER COMPLYING WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
- ALL WIRING SHALL BE SO INSTALLED THAT, WHEN COMPLETED, THE SYSTEM WILL BE FREE FROM SHORT CIRCUITS AND FROM GROUNDS OTHER THAN AS REQUIRED OR PERMITTED IN N.E.C. ARTICLE 250.
- ELECTRIC EQUIPMENT SHALL BE INSTALLED IN A NEAT AND WORK-MANI IKE MANNER
- ALL 125-VOLT, SINGLE-PHASE, IS- AND 20-AMPERE RECEPTACLES INSTALLED IN THE LOCATIONS SPECIFIED BELON SHALL HAVE GROUND-FAULT CIRCUIT-INTERRUPTER FROTECTION FOR PERSONNEL. THE GROUND-FAULT CIRCUIT-INTERRUPTER SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION. 5.
  - A. BATHROOMS.
- B. GARAGES AND ALSO ACCESSORY BUILDINGS THAT HAVE A FLOOR LOCATED AT OR BELON GRADE LEVEL NOT INTENDED AS HABITABLE ROOMS AND LINTED TO STORAGE AREAS, WORK AREAS, AND AREAS OF SIMILAR USE.
- C. OUTDOORS
- CRAML SPACES. WHERE THE CRAML SPACE IS AT OR BELOW GRADE LEVEL. D.
- UNFINISHED PORTIONS OR AREAS OF THE BASEMENT NOT INTENDED AS HABITABLE ROOMS. E.
- KITCHENS. WHERE THE RECEPTACLES ARE INSTALLED TO SERVE
- SINKS, WHERE RECEPTACLES ARE INSTALLED WITHIN 6 FT FROM THE TOP INSIDE EDGE OF THE BOWL OF THE SINK. 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
- CRAWL SPACE LIGHTING OUTLETS. GFCI PROTECTION SHALL BE PROVIDED FOR LIGHTING OUTLETS NOT EXCEEDING 120 VOLTS INSTALLED IN CRAWL SPACES.
- APPLIANCE RECEPTACLE OUTLETS INSTALLED IN A DWELLING UNIT FOR SPECIFIC APPLIANCES, SUCH AS LANDRY EQUIPMENT, SHALL BE INSTALLED WITHIN 6 FEET OF THE INTENDED LOCATION OF THE APPLIANCE.
- IN EVERY KITCHEN, FAMILY ROOM, DINING ROOM, LIVING ROOM, PARLOR, LIBRARY, DEN, SUNROOM, BEDROOM, RECREATION ROOM, OR SIMILAR ROOM OR AREA OF DIRELLING UNTS, RECEPTACLE OUTLETS SHALL BE INSTALLED SO THAT NO POINT ALONG THE FLOOR LINE IN ANY NALL SPACE IS MORE THAN 6 FTET, MESURED HORIZONTALLY, FROM AN OUTLET IN THAT SPACE, INCLUDING ANY HORIZONTALLY, FROM AN OUTLET IN THAT SPACE, INCLUDING ANY MALL SPACE 2 FEET OR MORE IN MIDTH (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 SUBJING PANELS IN EXTERIOR MALLS. THE WALL SPACE AFFORDED BY FIXED ROOM IVIDERS, SUCH AS FREESTANDING BAR-TYPE COUNTERS 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 SO THAT NO POINT ALONG THE WALL LINE IS MORE THAN 24 INCHES MEASURED HORIZONTALLY FROM A RECEPTACLE OUTLET IN THAT SPACE.

# ELECTRICAL (continued)

- (2) AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED AT EACH ISLAND COUNTER SPACE WITH A LONG DIMENSION OF 24 INCHES OR GREATER AND A SHORT DIMENSION OF 12 INCHES OR GREATER.
- (5) AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED AT EACH PENINGULAR COUNTER SPACE WITH A LONG DIMENSION OF 24 INCHES OR GREATER AND A SHORT DIMENSION OF IS INCHES OR GREATER. A PENINGULAR COUNTERTOP IS MEASURED FROM CONNECTING PERFENDICULAR 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 (5) ABOVE. IF A RANGE, CONTER-MONTED COOKING WIT, 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 SINKS, OR RANGETOPS 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 BACH 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 COUNTERTOF
- 12. IN DWELLING UNITS, AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED IN AREAS DESIGNATED FOR THE INSTALLATION OF LAUNDRY EQUIPMENT.
- IN EACH ATTACHED GARAGE AND IN EACH DETACHED GARAGE WITH 13. ELECTRIC POWER, THE BRANCH CIRCUIT SUPPLYING TH ELECTION OF A CALL 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 WALL BOARD, SIDING, PANELING, CARPENTING, 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 IS INSTALLED.
- 15. RECEPTACLES IN DAMP OR WET LOCATIONS.

ACCORDANCE WITH N.E.C.

OCATION

INIQUE COMBINATION

CONNECTED TO A CENTRAL STATION

WITH THE NC-R R314.3

SMOKE DETECTORS

18.

21.

3.

- 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 CLOSED.)
- ALL IS- AND 20- AMPERE, I25- 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, I25- AND 250-VOLT NONLOCKING RECEPTACLES SHALL BE LISTED WEATHER RESISTANT TYPE.
- LIGHTING EQUIPMENT. NOT LESS THAN 15 PERCENT OF THE PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL CONTAIN ONLY HIGH-EFFICACY LAMPS. LIGHT FIXTURES WITHIN CLOTHES CLOSETS SHALL BE INSTALLED IN 6.

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, DRALPORS, LIBRARES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLINAYS, 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 LOCATION.

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  $5\frac{1}{2}$  Above the FLOOR.

4. NON-GROUNDING RECEPTACLES USED FOR REPLACEMENTS

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

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

HOUSEHOLD FIRE WARNING EQUIPMENT PROVISIONS OF NFPA 72.

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

HOUSEHOLD FIRE ALARM SYSTEMS INSTALLED IN ACCORDANCE WITH NEPA

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

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

REQUIRED SMOKE DETECTORS SHALL BE LOCATED IN ACCORDANCE

72 THAT INCLUDE SMOKE ALARMS, OR A COMBINATION OF SMOKE DETECTOR IZ THAT INCLUES SHOLE ALARHS, ON COMBINATION OF SHOLE DELECTOR AND AUDILLE NOTIFICATION DEVICE INSTALLED AS REQUIRED BY THE NG-R R3IA3 FOR SHOLE ALARMS, SHALL BE PERMITTED. THE HOUSEHOLD FIRE ALARM SYSTEM SHALL PROVIDE THE SAME LEVEL OF SMOKE DETECTION

THIS CODE AND THE

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

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

20. TAMPER-RESISTANT RECEPTACLES IN DWELLING UNITS IN ALL AREAS. ALL NON-LOCKING TYPE 125-VOLT I5-AND 20-AMPERE RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES. EXCEPTIONS LISTED BELON:

ELECTRICAL (continued)

### CARBON MONOXIDE ALARMS

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

SINGLE STATION CARBON MONOXIDE ALARMS SHALL BE LISTED AS COMPLYING MITH UL 2024 AND SHALL BE INSTALLED IN ACCORDANCE WITH THE NC-R 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

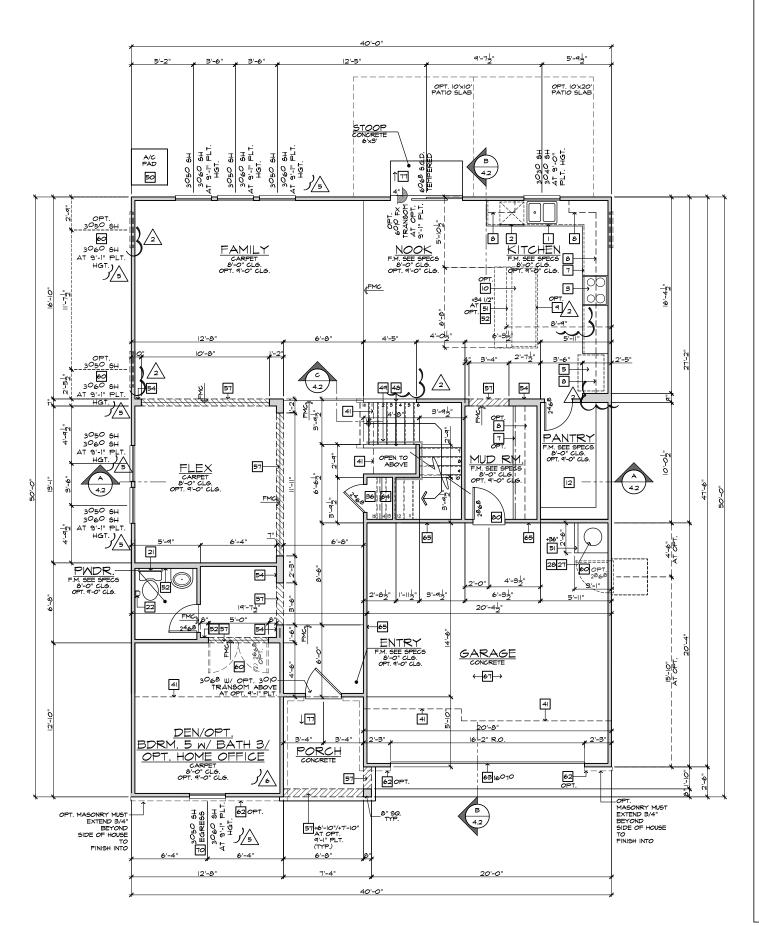




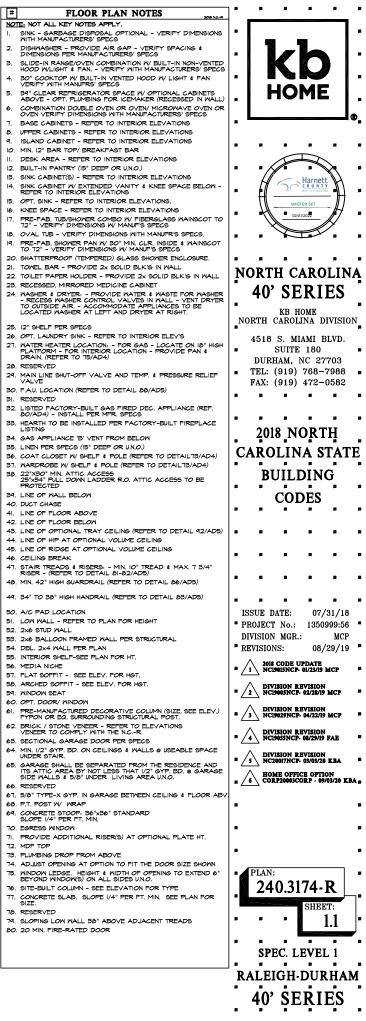
**INTERIOR KEY** 

	INTERIOR R		
	SQUARE FOOT	AGE	
	PLAN 240.31	74	
FIRST FLOOR ARE	A	1477	SQ. FT.
SECOND FLOOR A	REA	1697	SQ. FT.
TOTAL ARE	Ą	3174	SQ. FT.
GARAGE AREA		416	SQ. FT.
PORCH AREA(S)			
	ELEVATION 'A'	57	SQ. FT.
	ELEVATION 'B'	50	SQ. FT.
	ELEVATION 'C'	57	SQ. FT.
	ELEVATION 'D'	58	SQ. FT.
OPTION (AREA) PATIO AREA(S)	DEN/BDRM. 5/BA.3	101	SQ. FT.
	IO'XIO' COVERED	100	SQ. FT.
	O'x20' COVERED	200	SQ. FT.
DECK AREA(S)			
	OPEN 12'X12'	144	SQ. FT.
	OPEN 21'x12'	252	SQ. FT.
	SCREEN-IN 12'x12'	144	SQ. FT.
	SCREEN-IN 21'x12'	252	SQ. FT.
	PLATE NOT	ES	2018 N.CR
	8'-I" PLATE NO	DTES	
<ul> <li>ENTRY DOOR</li> </ul>	NINDOM HDR. HEIGHT: HEIGHT: SS DOOR HEIGHT: FFIT HEIGHT:	6'-8" U.N.O. 7'-0" U.N.O. 6'-8" U.N.O. 6'-8" (TEMF 7'-4" U.N.O. 6'-8" U.N.O.	P.)
	9'-I" PLATE NO		
4010 WINDON     ENTRY DOOR	SS DOOR HEIGHT: FFIT HEIGHT: S:		.) U.N.O.

STAIR DATA NOTES	B NG-R
FIRST FLOOR WITH 5'I" PLATE HEIGHT: 14' DEEP T.J.I. FLOOR JOISTS WITH 3/4" T&G DECKING. 14 TREADS AT 10' EACH 15 RISERS AT 7-7/6" EACH	
FIRST FLOOR WITH 5'I" PLATE HEIGHT: 14" DEEP T.J.I. FLOOR JOISTS WITH 3'A" T&G DECKING. 15 TREADS AT 10" EACH 16 RISERS AT 7-3'A" EACH	
GENERAL PLAN NOTES	Ø NG-R
ALL CEILING HEIGHTS PER SECTION AND ELEVATION PLATE HEIGHTS, U.N.O.	
ALL INTERIOR DOORS TO BE HOLLOW CORE I 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-RATE (REFER TO PLAN FOR SIZE).	Þ
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.	



### FIRST FLOOR PLAN 'A'

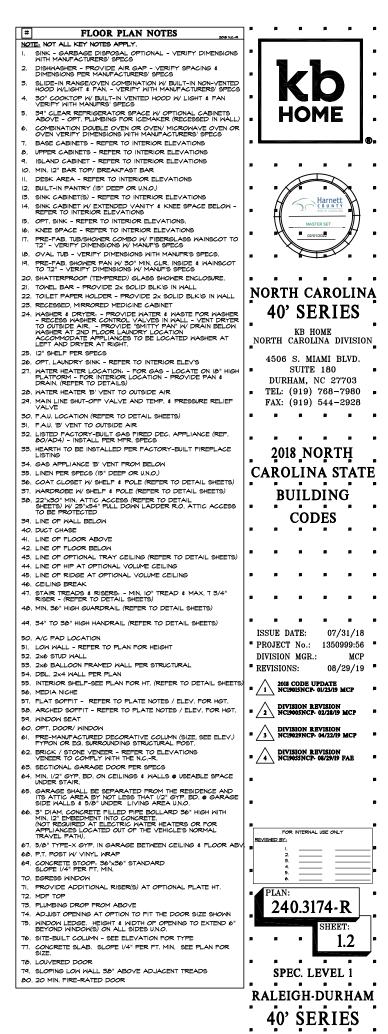


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		-		10'-2½" 1 . 1	16'-3 <sup>1</sup> 2"	ŕ
		,	, <u>10'-0"</u>	<u>3'-6"</u> 5'-3 <sup>1</sup> " <u>4'-11"</u> 2'-		ł
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43°6°		ή ή 3050 6H		1     1 <td><u>Алерет</u> <u>с. С. /u></td> <td></td>	<u>Алерет</u> <u>с. С. /u>	
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	3 <b>EY</b>	
PLATE NOTE	2S	2018 N.GR
8'-I" PLATE NO	DTES	
WINDOW HEADER HEIGHT:     2nd FLOOR WINDOW HDR. HEIGHT:     ENTRY DOOR HEIGHT:     SLIDING GLASS DOOR HEIGHT:     INTERIOR SOFFIT HEIGHT:     INTERIOR DOOR HEIGHT:	6'-8" U.N.O. 7'-O" U.N.O. 6'-8" U.N.O. 6'-8" (TEMP.) 7'-4" U.N.O. 6'-8" U.N.O.	
9'-I" PLATE NO	TES	
HINDOM HEADER HEIGHT IST OR 2nd 4010 WINDOM OVER TUB HDR. HGT.; ENTRY DOOR HEIGHT; SLIDING GLASS DOOR HEIGHT; INTERIOR SOFFIT HEIGHT; TRAY CELING; INTERIOR DOOR HEIGHT;	: 7'-8" U.N.O. 8'-4" U.N.O. 6'-8" U.N.O. 6'-8" (TEMP.) 8'-0" U.N.O. 7?" DROP U.N.O. 6'-8" U.N.O.	

STAIR DATA NOTES	2018 N.CR
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 5-1" 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	2018 N.CR
ALL CEILING HEIGHTS PER SECTION AND ELEVATION PLATE HEIGHTS, U.N.O.	
ALL INTERIOR DOORS TO BE HOLLOW CORE I 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-RA (REFER TO PLAN FOR SIZE).	TED
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 JAMES, U.N.O.	

SECOND FLOOR PLAN 'A'

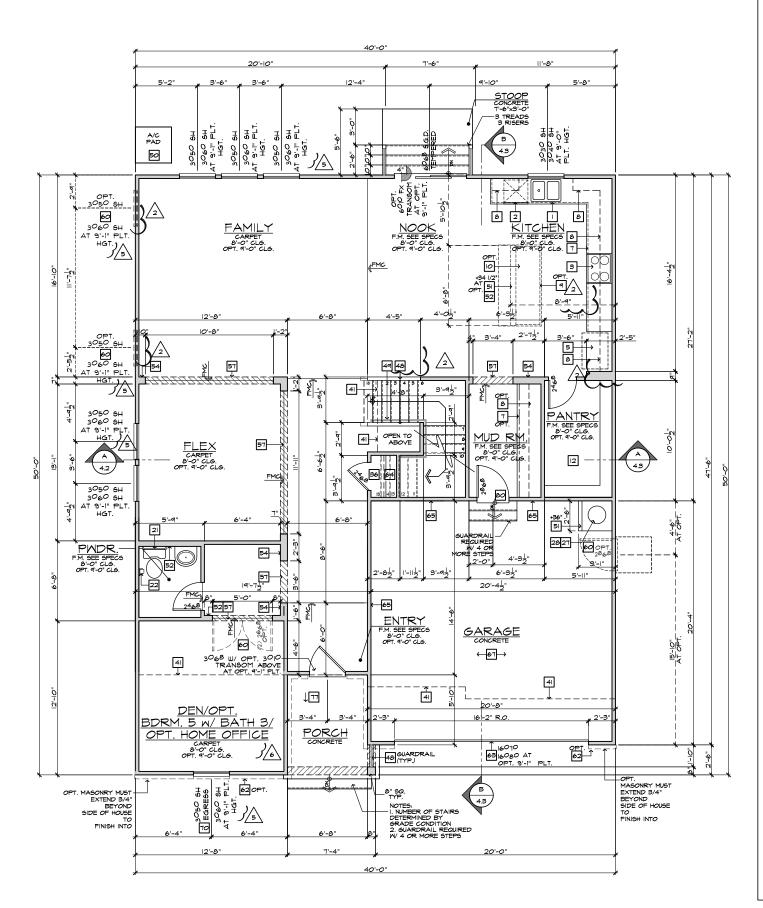




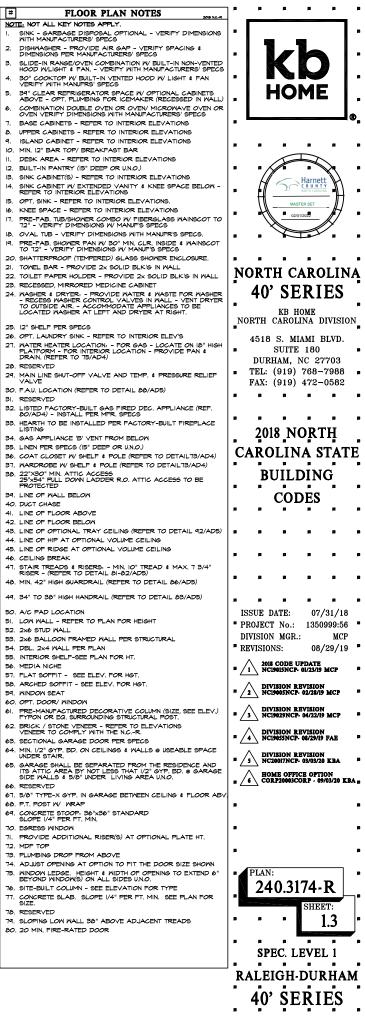
INTERIOR KEY

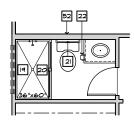
	INTERIOR R		
	SQUARE FOOT	AGE	
	PLAN 240.31	74	
FIRST FLOOR ARE	A	1477	SQ. FT.
SECOND FLOOR A	REA	1697	SQ. FT.
TOTAL ARE	4	3174	SQ. FT.
GARAGE AREA		416	SQ. FT.
PORCH AREA(S)			
	ELEVATION 'A'	57	SQ. FT.
	ELEVATION 'B'	50	SQ. FT.
	ELEVATION 'C'	57	SQ. FT.
	ELEVATION 'D'	58	SQ. FT.
OPTION (AREA) PATIO AREA(S)	DEN/BDRM. 5/BA.3	101	SQ. FT.
	IO'XIO' COVERED	100	SQ. FT.
	10'x20' COVERED	200	SQ. FT.
DECK AREA(S)			
	OPEN 12'X12'	144	SQ. FT.
	OPEN 21'x12'	252	SQ. FT.
	SCREEN-IN 12'x12'	144	SQ. FT.
	SCREEN-IN 21'x12'	252	SQ. FT.
	PLATE NOTI	ES	2018 N.GR
	8'-I" PLATE NO	OTES	
<ul> <li>ENTRY DOOR</li> </ul>	NNDOW HDR. HEIGHT: HEIGHT: 55 DOOR HEIGHT: FIT HEIGHT:	6'-8" U.N.O. 7'-0" U.N.O. 6'-8" U.N.O. 6'-8" (TEMF 7'-4" U.N.O. 6'-8" U.N.O.	<b>?</b> .)
	9'-I" PLATE NO	DTES	
4010 WINDON     ENTRY DOOR	55 DOOR HEIGHT: FIT HEIGHT: 5:		».) U.N.O.

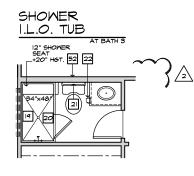
STAIR DATA NOTES
FIRST FLOOR WITH \$'4" FLATE HEIGHT: 14" DEEP T.J.I. FLOOR JOISTS MITH 3/4" T&G DECKING. 14 TREADS AT 10" EACH 15 RISERS AT 7-7/6" EACH
FIRST FLOOR WITH 9:4" PLATE HEIGHT: 14" DEEP T.J.I. FLOOR JOISTS MITH 3:4" T&G DECKING. 15 TREADS AT 10" EACH 16 RISERS AT 7-3:4" EACH
GENERAL PLAN 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.



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

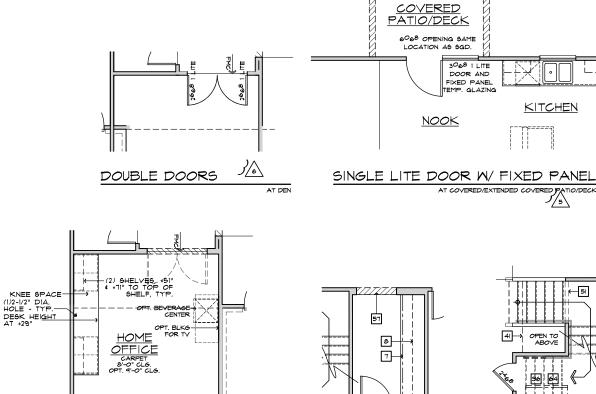




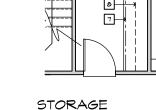


SHOWER W/ SEAT I.L.O. TUB AT BATH S

57-







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8 2

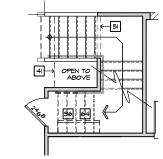
+34 1/2' 51 52

57

52

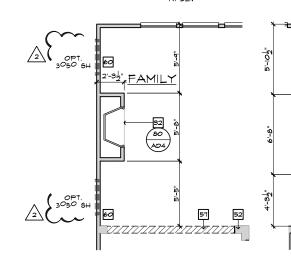
KITCHEN ISLAND

AT KITCHEN

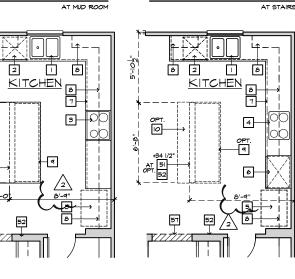


DO

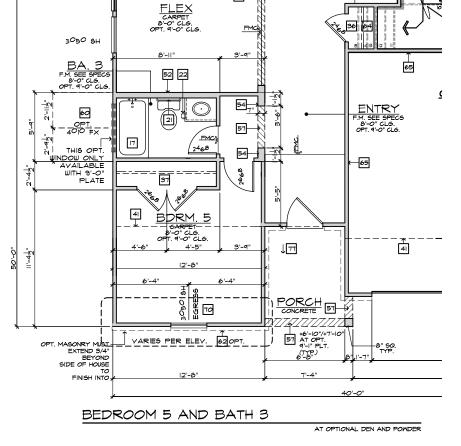
FULL STORAGE



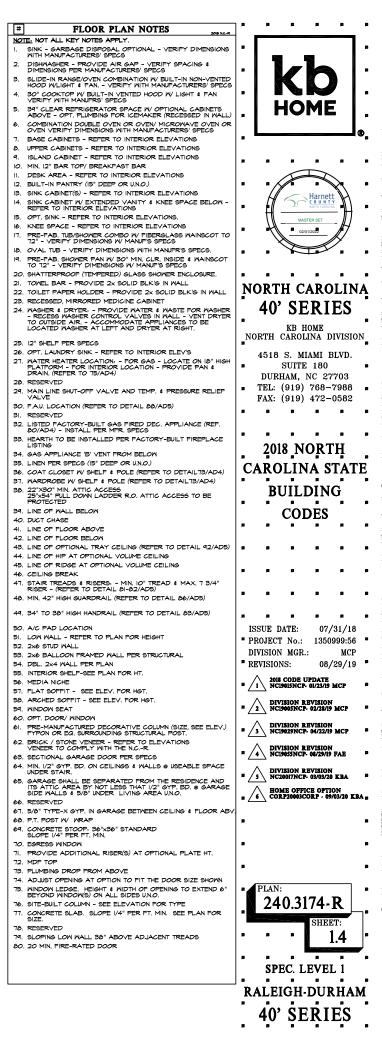
FIREPLACE

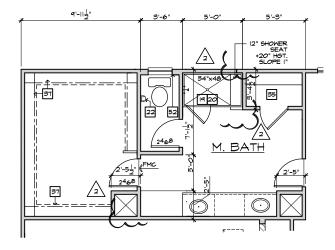


GOURMET KITCHEN AT KITCHEN



FIRST FLOOR PLAN OPTIONS

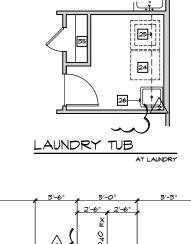


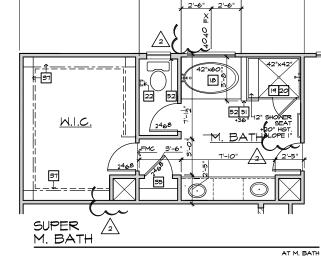


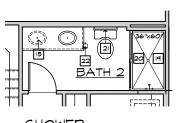
DELUXE M. BATH

9'-114'

AT M. BATH







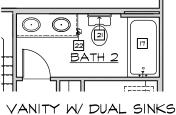
SHOWER I.L.O. TUB

	2 2 2 2 2 2 2 2 3 2 3 2 3 2 3 12" 5HOM 5 5 5 4 20" H 5 12" 5HOM 5 5 5 5 12" 5HOM 5 12" 5HOM 5 12" 5HOM 5 12" 5HOM 5 12" 5 12" 5 10 5 12" 5 11" 5 111" 5 11" br>5 11" 5 11" 5 11" 5 11" 5 11" 5 11" 5 11" 5 11"1	EAT IGT.
	BATH 2	143 84"x48"
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	D M/ CE	<u>л</u> т

SHOWER W/ SEAT I.L.O. TUB



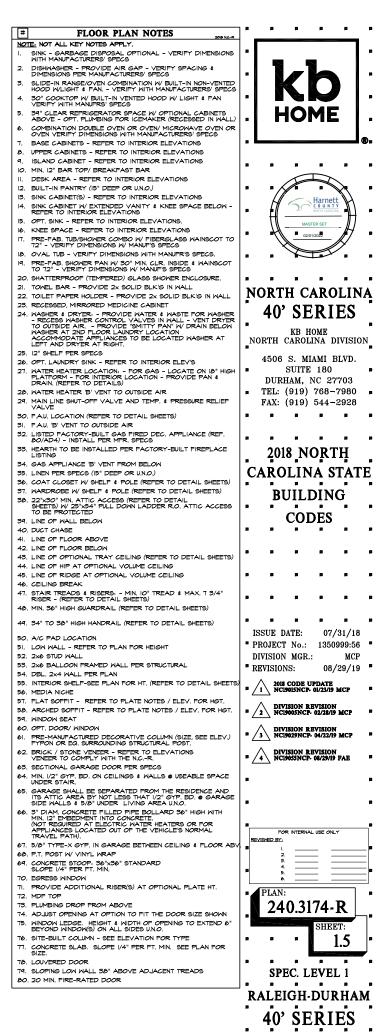
AT BATH 2

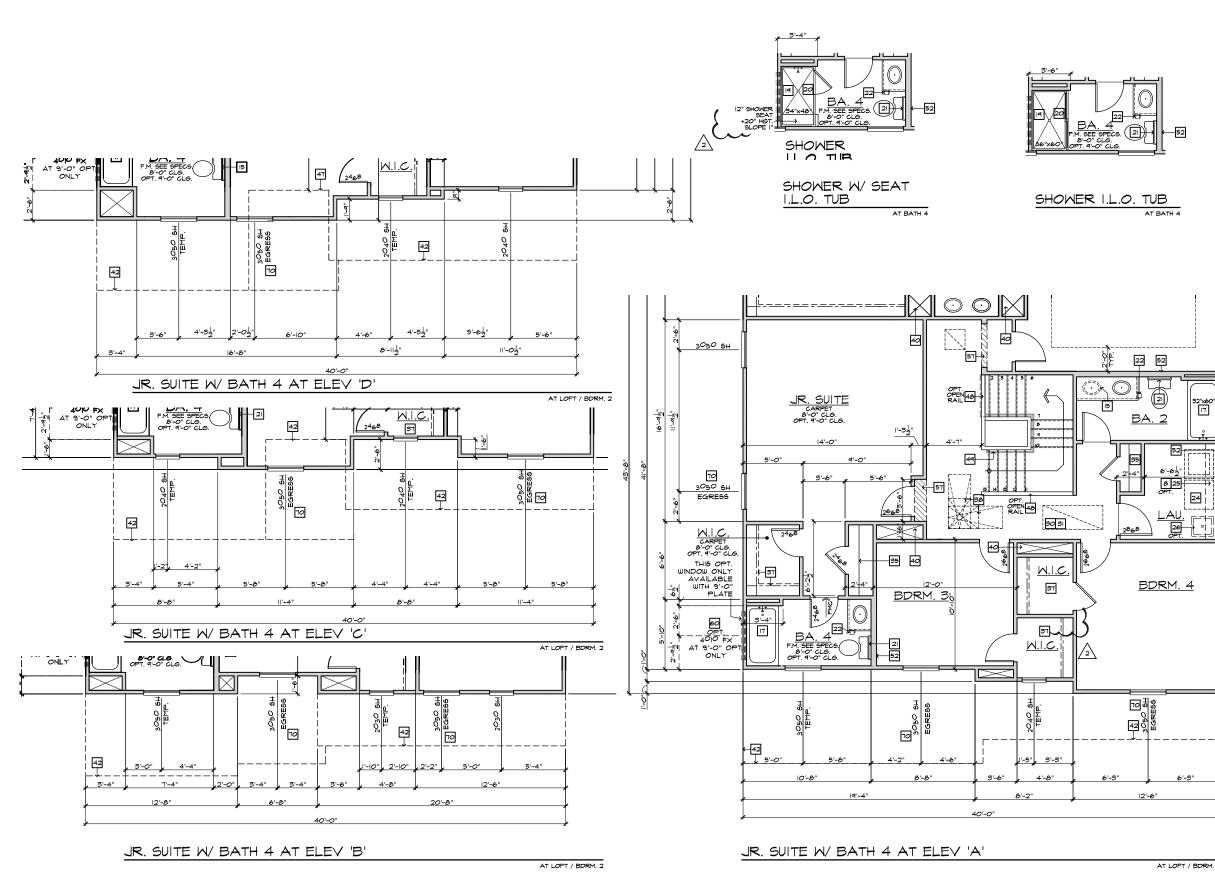


VANITY W/ DUAL SINK At BATH 2

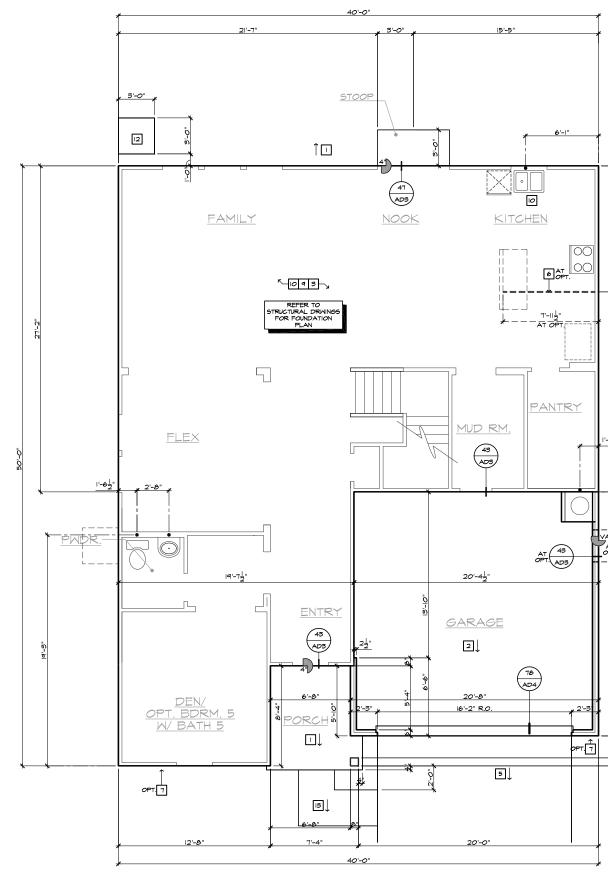
 SECOND
 FLOOR
 PLAN
 OPTIONS

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





Ħ	FLOOR PLAN NOTES	=	-			
	E: NOT ALL KEY NOTES APPLY.	ſ				
ι.	SINK - GARBAGE DISPOSAL OPTIONAL - VERIFY DIMENSIONS WITH MANUFACTURERS' SPECS	8				
2.	DISHWASHER - PROVIDE AIR GAP - VERIFY SPACING & DIMENSIONS PER MANUFACTURERS' SPECS					
з.	SLIDE-IN RANGE/OVEN COMBINATION W BUILT-IN NON-VENTED HOOD W/LIGHT & FAN VERIFY WITH MANUFACTURERS' SPECS		-	K		
4.	30" COOKTOP W/ BUILT-IN VENTED HOOD W/ LIGHT & FAN		$\geq$			
5.	VERIFY WITH MANUFRS' SPECS 39" CLEAR REFRIGERATOR SPACE W/ OPTIONAL CABINETS			JO	ME	
6.	ABOVE - OPT. PLUMBING FOR ICEMAKER (RECESSED IN WALL) COMBINATION DOUBLE OVEN OR OVEN/ MICROWAVE OVEN OR	8	N			
7.	OVEN VERIFY DIMENSIONS WITH MANUFACTURERS' SPECS BASE CABINETS - REFER TO INTERIOR ELEVATIONS					
ь. В.	UPPER CABINETS - REFER TO INTERIOR ELEVATIONS					
9.	ISLAND CABINET - REFER TO INTERIOR ELEVATIONS	8				
ю. II.	MIN. 12" BAR TOP/ BREAKFAST BAR DESK AREA - REFER TO INTERIOR ELEVATIONS					
	BUILT-IN PANTRY (15" DEEP OR U.N.O.) SINK CABINET(S) - REFER TO INTERIOR ELEVATIONS		•/		• X	
14.	SINK CABINET W/ EXTENDED VANITY & KNEE SPACE BELOW -	_	Ы	50	Harnett	1
15.	REFER TO INTERIOR ELEVATIONS OPT. SINK - REFER TO INTERIOR ELEVATIONS.		Ħ		NORTH LAROLINA	+
	KNEE SPACE - REFER TO INTERIOR ELEVATIONS		H	_	01/2022	ł
17.	PRE-FAB. TUB/SHOWER COMBO W/ FIBERGLASS WAINSCOT TO 72" - VERIFY DIMENSIONS W/ MANUF'S SPECS			$\sim$		
18. 19.	OVAL TUB - VERIFY DIMENSIONS WITH MANUFR'S SPECS. PRE-FAB SHOWER PAN W/ 30" MIN CLR INSIDE & WAINSCOT	8	•	Y-		
	PRE-FAB. SHOWER PAN W 30" MIN. CLR. INSIDE & WAINSCOT TO 72" - VERIFY DIMENSIONS W MANUF'S SPECS SHATTERPROPE (TEMPERED) OLASS SHOWER ENVLOSIBE		-	-		
	SHATTERPROOF (TEMPERED) GLASS SHOWER ENCLOSURE. TOWEL BAR - PROVIDE 2x SOLID BLK'G IN WALL	"   "	» • • • •	ייווי רייווי	י ז <u>ה</u> או	•
	TOILET PAPER HOLDER - PROVIDE 2x SOLID BLK'G IN WALL	<mark> </mark> N(			AROL	
	RECESSED, MIRRORED MEDICINE CABINET WASHER & DRYER: - PROVIDE WATER & WASTE FOR WASHER		40	' SF	ERIE	S
	- RECESS WASHER CONTROL VALVES IN WALL - VENT DRYER	•				-
	TO OUTSIDE AIR PROVIDE "SMITTY PAN" W DRAIN BELOW WASHER AT 2ND FLOOR LAUNDRY LOCATION ACCOMMODATE APPLIANCES TO BE LOCATED WASHER AT LEFT AND DRYER AT RIGHT.	N N	ORTH		HOME LINA DIVI:	SIC
	12" SHELF PER SPECS					
	OPT. LAUNDRY SINK - REFER TO INTERIOR ELEV'S WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH		4906		IAMI BLVI E 180	υ.
∠1.	MATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO DETAILS)	<sup>-</sup>	DUF		NC 2770	3
	WATER HEATER 'B' VENT TO OUTSIDE AIR		TEL:	(919)	768-798	30
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE		FAX:	(919)	544-292	28
	F.A.U. LOCATION (REFER TO DETAIL SHEETS)	•		8		
	F.A.U. 'B' VENT TO OUTSIDE AIR LISTED FACTORY-BUILT GAS FIRED DEC. APPLIANCE (REF.					
	80/AD4) - INSTALL PER MFR. SPECS HEARTH TO BE INSTALLED PER FACTORY-BUILT FIREPLACE	[	20	- 10 NT	יודים.	
	LISTING GAS APPLIANCE 'B' VENT FROM BELOW		ζŪ	IO <sup>"</sup> IN	ORTH	
35.	LINEN PER SPECS (15" DEEP OR U.N.O.)	<b>C</b>	ARC	DLIN	NA STA	١T
	COAT CLOSET W/ SHELF & POLE (REFER TO DETAIL SHEETS) WARDROBE W/ SHELF & POLE (REFER TO DETAIL SHEETS)		8			
	WARDROBE W SHELF & FOLE (REFER TO DETAIL SHEETS) 22"x30" MIN. ATTIC ACCESS (REFER TO DETAIL SHEETS) W 25"x54" PULL DOWN LADDER R.O. ATTIC ACCESS		B	UL	DING	
	TO BE PROTECTED	•	•	co	DES	
	LINE OF WALL BELOW DUCT CHASE				ицо в в	
41.	LINE OF FLOOR ABOVE		-	-	-	
	LINE OF FLOOR BELOW LINE OF OPTIONAL TRAY CEILING (REFER TO DETAIL SHEETS)			8		
44.	LINE OF HIP AT OPTIONAL VOLUME CEILING					
	LINE OF RIDGE AT OPTIONAL VOLUME CEILING CEILING BREAK	•		•	8 8	
	STAIR TREADS & RISERS: - MIN. IO" TREAD & MAX. 7 3/4" RISER - (REFER TO DETAIL SHEETS)			9		
48.	MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)					
	34" TO 38" HIGH HANDRAIL (REFER TO DETAIL SHEETS)					
	A/C PAD LOCATION	15	SUE	DATE:	07/31/	18
51.	LOW WALL - REFER TO PLAN FOR HEIGHT			T No.:		
	2x6 STUD WALL 2x6 BALLOON FRAMED WALL PER STRUCTURAL			N MGR		
54.	DBL. 2x4 WALL PER PLAN	~ R	EVISIO		08/29/	19
	INTERIOR SHELF-SEE PLAN FOR HT. (REFER TO DETAIL SHEETS) MEDIA NICHE	• /		8 CODE	UPDATE • 01/23/19 MCP	•
57.	FLAT SOFFIT - REFER TO PLATE NOTES / ELEV. FOR HGT.		 ^ דעד	VISION T	EVISION	
	ARCHED SOFFIT - REFER TO PLATE NOTES / ELEV. FOR HGT. WINDOW SEAT	•/	2 NC	19005NC	P- 02/28/19 MC	P
60.	OPT. DOOR/ WINDOW				REVISION	
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.	<sup>-</sup>	<u> </u>		P 04/22/19 MC	r
62.	BRICK / STONE VENEER - REFER TO ELEVATIONS VENEER TO COMPLY WITH THE N.CR.	• /		VISION I	REVISION P- 08/29/19 FAE	Ļ
	SECTIONAL GARAGE DOOR PER SPECS	_				
	MIN. 1/2" GYP. BD. ON CEILINGS & WALLS @ USEABLE SPACE UNDER STAIR.	8				
65.	GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAT I/2" GYP. BD. @ GARAGE SIDE WALLS \$ 5/6" UNDER LIVING AREA U.N.O.					
	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH					
	MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR	a				
	APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).	RE	F (IEWED BY		AL USE ONLY	
	5/8" TYPE-X GYP. IN GARAGE BETWEEN CEILING & FLOOR ABV P.T. POST W/ VINYL WRAP		_	2		_
	CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.			3		
70.	EGRESS WINDOW	[		5 6		
	PROVIDE ADDITIONAL RISER(S) AT OPTIONAL PLATE HT. MDF TOP		PLAN	1:		٦
73.	PLUMBING DROP FROM ABOVE				174-R	
	ADJUST OPENING AT OPTION TO FIT THE DOOR SIZE SHOWN WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6"	•				┢
	BEYOND WINDOW(S) ON ALL SIDES U.N.O.				SHEET:	
76. 77.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB, SLOPE 1/4" PER FT. MIN, SEE PLAN FOR SIZE.	•	8	8	1.6	)
	LOUVERED DOOR				8 8	
79.	SLOPING LOW WALL 38" ABOVE ADJACENT TREADS	<sup>-</sup>	SP	EC. J	.EVEL I	
80.	20 MIN. FIRE-RATED DOOR		8	8		
-		R.	ALE	IGH	<b>DURH</b>	A]
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		-	40	′ SE	ERIES	5
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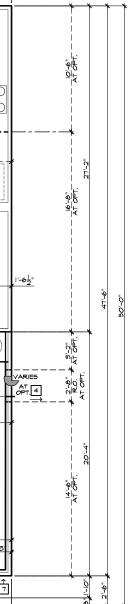


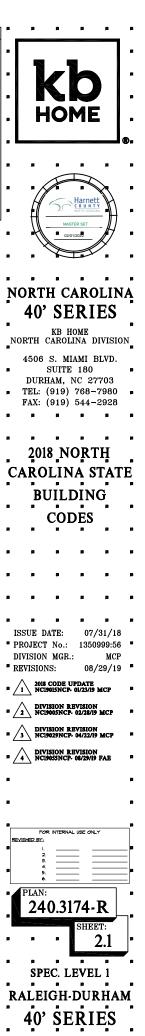
SLAB INTERFACE PLAN 'A' SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

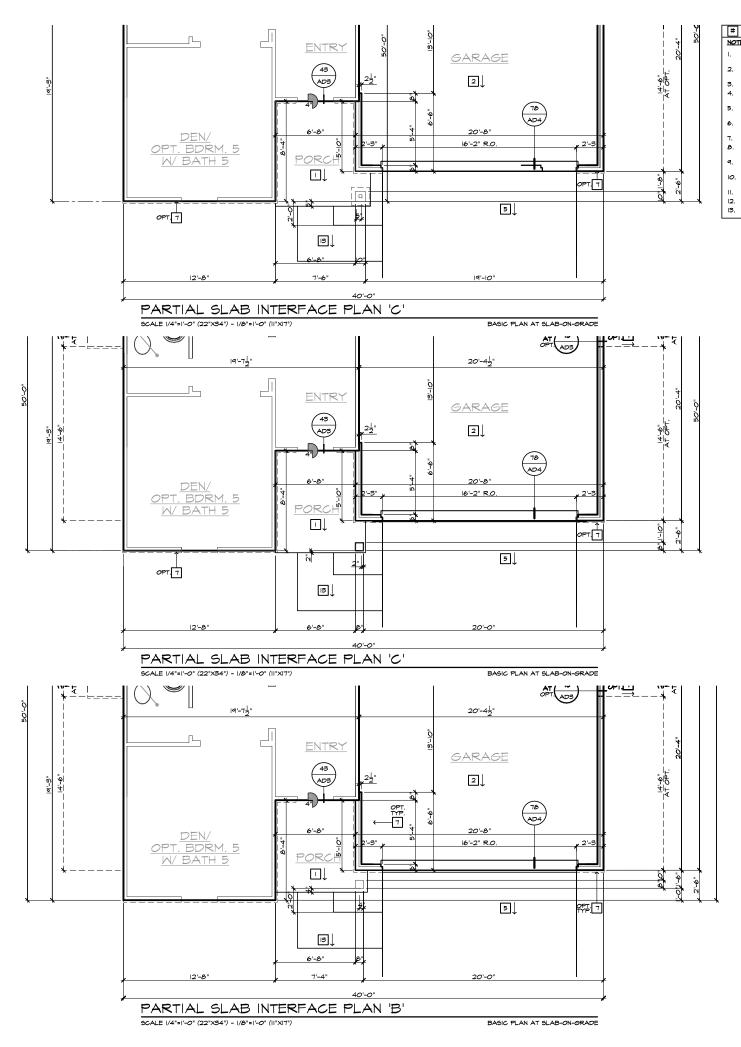
BASIC PLAN AT SLAB-ON-GRADE



- 5. 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.
- ELEVATIONS. I. VERIPY ALL PLIMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB. II. 4" MIN. 6 I/4" MAX. TO HARD SURFACE. I2. A/C PAD. VERIPY LOCATION. I3. 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN.







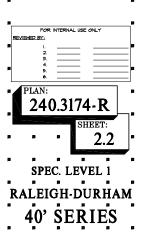
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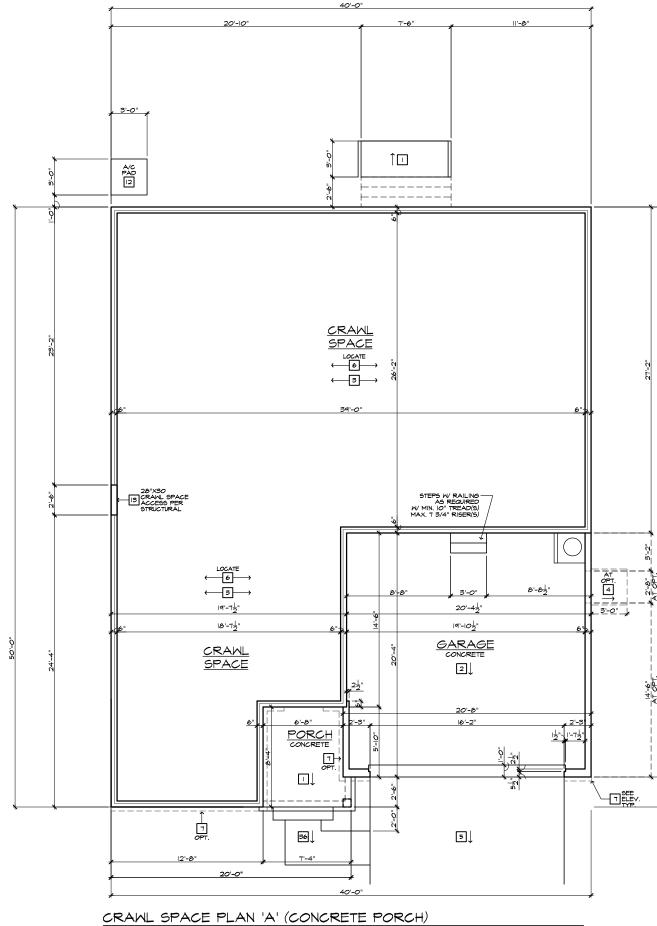
- CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.
- CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER.
   I-0" MIN. TOWARD DOOR OPENING.
   CONCRETE FOUNDATION PER STRUCTURAL.
- CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.
- CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
- PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.
- 5" BRICK LEDGE FOR MASONRY VENEER.
  5" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
- REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
- IO. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB. 
   II.
   4" MIN. 8 1/4" MAX. TO HARD SURFACE.

   I2.
   A/C PAD. VERIFY LOCATION.

   I3.
   36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.

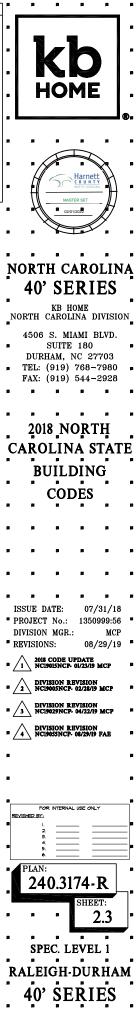


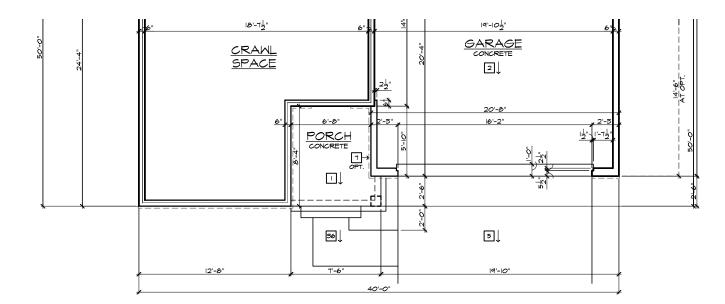




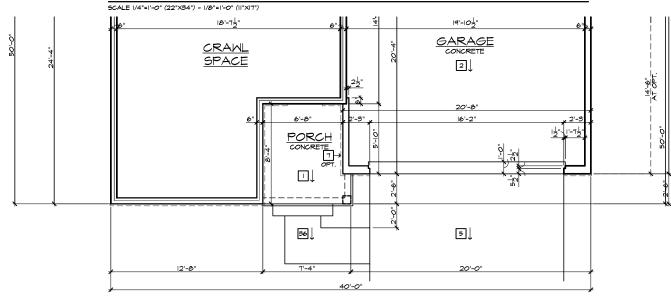
SCALE I/4"=I'-0" (22"X34") - I/8"=I'-0" (II"XI7")

12. A/C PAD. VERIFY LOCATION. 13. CRAWL SPACE ACCESS 14. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN



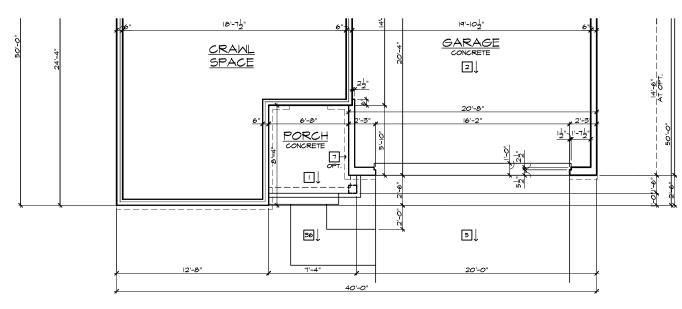


### PARTIAL CRAWL SPACE PLAN 'D' (CONCRETE PORCH)



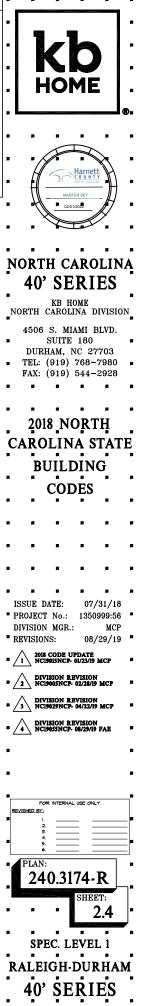
## PARTIAL CRAWL SPACE PLAN 'C' (CONCRETE PORCH)

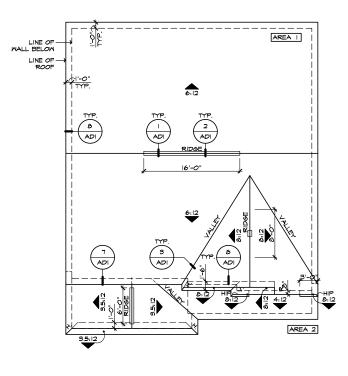
SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")



### PARTIAL CRAWL SPACE PLAN 'B' (CONCRETE PORCH) Scale 1/4\*=1'-0" (22\*X34') - 1/8\*=1'-0" (11\*X1'')

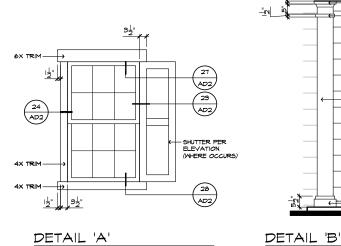
4. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN





ROOF PLAN 'A' 5CALE |/8"=1"-0" (22"X34") - 1/16"=1"-0" (11"X1T")



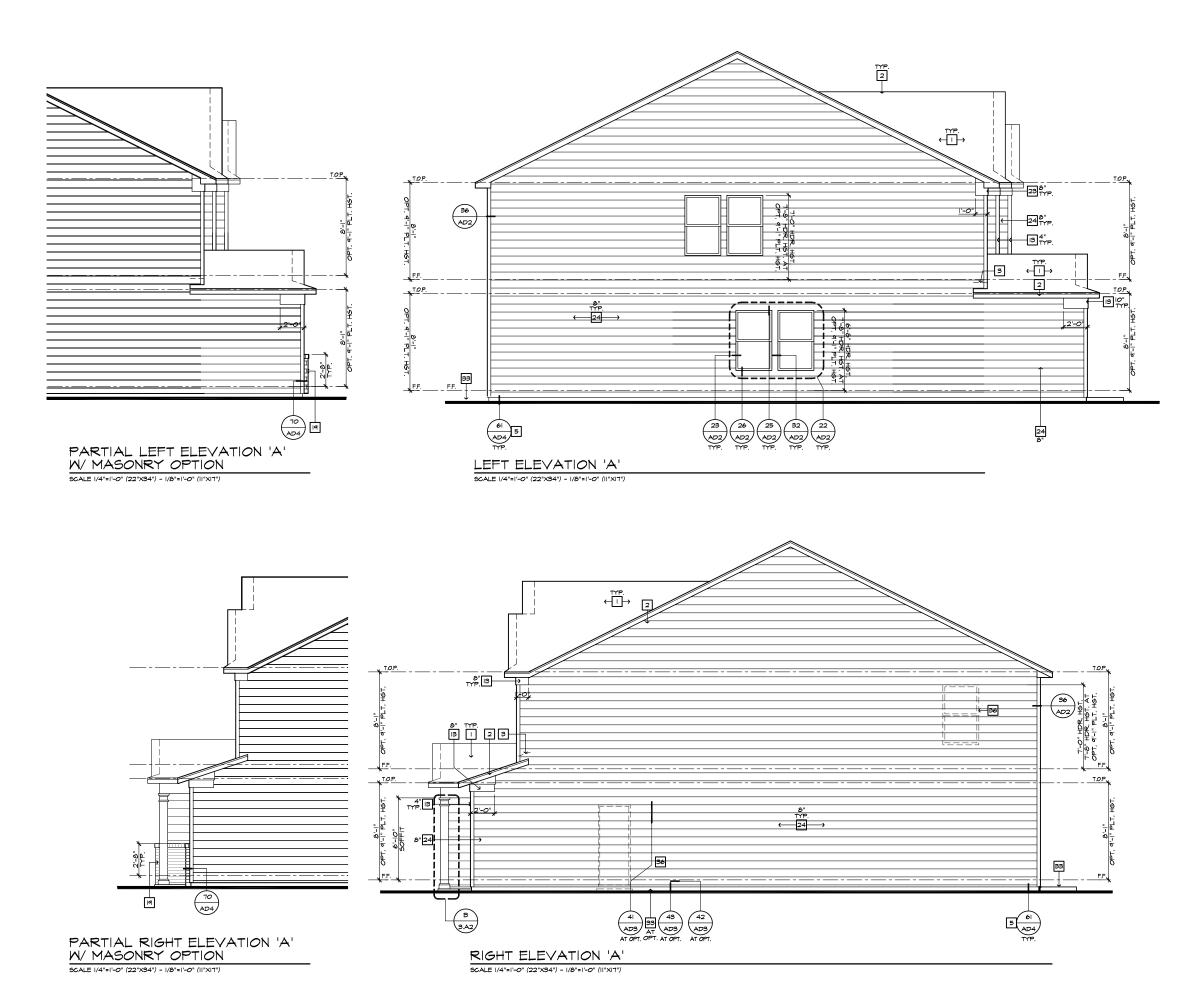


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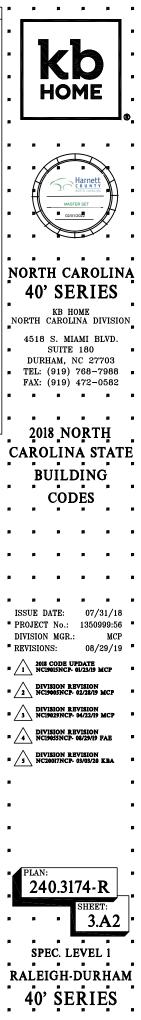


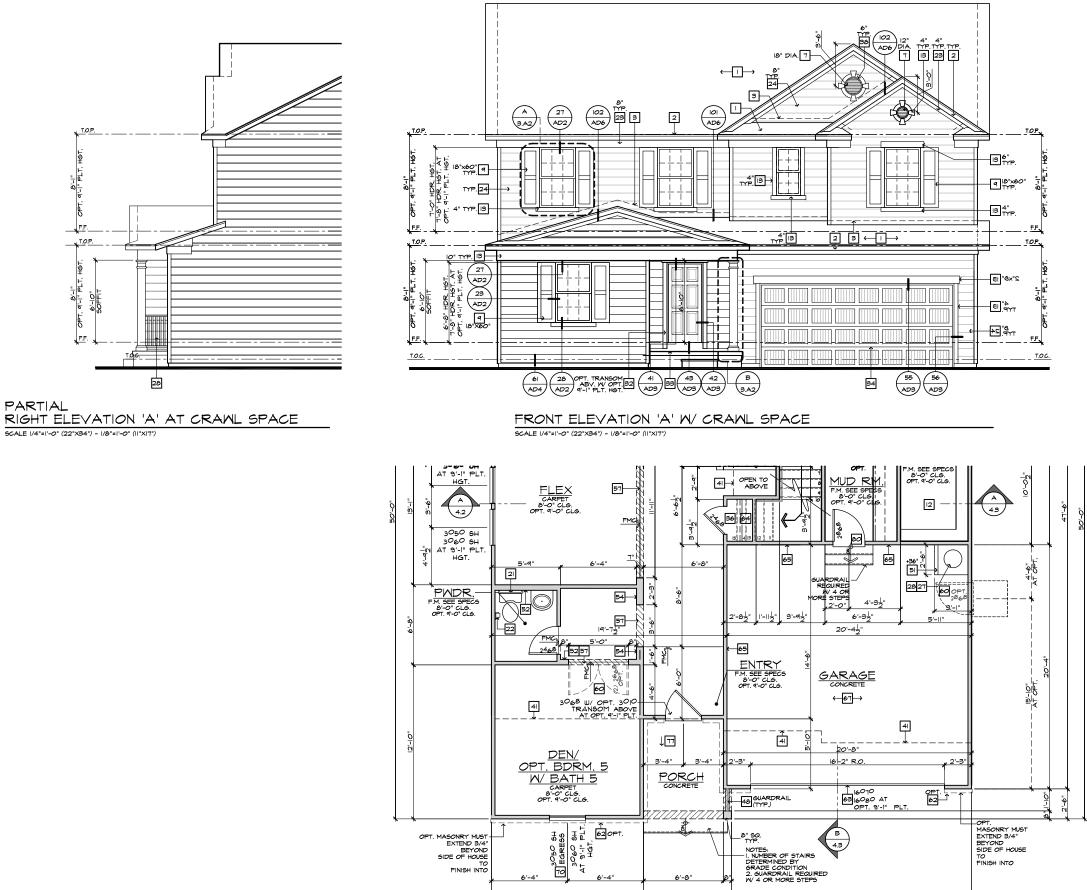
# ELEVATION NOTES	· · · · · ·
LOTE: NOT ALL KEY NOTES APPLY. ROOF MATERIAL - REFER TO ROOF NOTES	,
2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP 3. G.I. FLASHING	
4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED	
5. 24"x24" CHIMNEY 1. DECORATIVE VENT	
3. DECORATIVE CORBEL 1. DECORATIVE SHUTTERS	I HOME .
O. PEDIMENT. SEE ELEVATION FOR TYPE	. <b></b> .
<ol> <li>RECESSED ELEMENT</li> <li>DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE</li> </ol>	
3. TRIM - SEE ELEVATION FOR SIZE 4. SYNTHETIC MATERIAL	
<ol> <li>PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.</li> </ol>	
6. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 7. SHAKE SIDING	Harnett
8. STONE VENEER PER SPECS 9. BRICK/MASONRY VENEER PER SPECS	
20. BUILT UP BRICK COLUMN	
21. SOLDIER COURSE 22. ROWLOCK COURSE	
23. FRIEZE BOARD	
24. SIDING W/ 4" CORNER TRIM 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. RAILINGS (+36" U.N.O.) 29. VINYL WRAP	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.	4518 S. MIAMI BLVD.
34. SECTIONAL GARAGE DOOR PER SPECS 35. ALUMINUM WRAP	■ SUITE 180 ■ DURHAM, NC 27703
36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7988 ■
38. KEYSTONE 39. SOLDIER CROWN	FAX: (919) 472–0582
10. JACK SOLDIER COURSE 11. WATER TABLE	
2. ATRIUM DOOR	
43. PILASTER - SEE ELEVATION FOR TYPE ROOF PLAN NOTES 'A'	2018 NORTH
	CAROLINA STATE
5:12 AND DIRECTION, UND.	BUILDING
ROOF MATERIAL: COMPOSITION SHINGLE 2" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O.	
2" (INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O.	CODES
.OCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND 1005E EXCEPT ABOVE SHEARWALL PANELS.	
ATTIC VENT CALCULATIONS ROVIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC	
REOVIDE I S.G. IN OF VENTILATION PER SOO SO. IN OF ATTIC SPACE PROVIDE THAT AL LEAST SOS 4 NO MORE THAN 80% OF HE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS CACATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 31 3'-O" ABOVE EAVE VENT MITH THE BALANCE BEING PROVIDED 37 EAVE VENTS, (LON VENTING)	
AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING)	
* CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED.	
REA I / MAIN	
ENTILATION REQUIRED: .TTIC AREA 1699 SQ. FT. / 300 = 5.66 SQ. FT. X 144 = 815.04 SQ. IN.	ISSUE DATE: 07/31/18
× 144 = 015.04 50. IN. × 50% = 407.52 50. IN. ENTILATION PROVIDED:	<ul> <li>PROJECT No.: 1350999:56</li> <li>DIVISION MGR.: D.S.</li> </ul>
1 <u>6H</u> 24) LIN. FEET OF RIDGE VENT AT (18 SQ. IN./FOOT) = 432 SQ. IN.	REVISIONS: SIDE/EDD/OW
21)         Lin. Feet of ventilated soffit (5 SQ. IN./FOOT) =         605 SQ. IN.	2018 CODE UPDATE     1 2018 CODE UPDATE
OTAL VENTILATION PROVIDED:         1031         SQ. IN.           REA 2 / PORCH	
ENTILATION REQUIRED: TTIC AREA	
ENTILATION PROVIDED: X 144 = 230.4 SQ. IN.	DIVISION REVISION MC19029NCP- 04/22/19 MCP
5) LIN, FEET OF RIDGE VENT AT (18 52, IN/FOOT) = 90 52, IN. 20) LIN, FEET OF VENTLATED SOFFIT (5 52, IN/FOOT) = 100 52, IN. 100 52, IN.	△ → DIVISION REVISION
OTAL VENTILATION PROVIDED: MO SQ. IN.	* <u>4</u> NC19055NCP- 08/29/19 FAE
	A
LL VENT OPENINGS SHALL BE COVERED WITH 1/4" CORROSION ESISTANT METAL MESH.	DIVISION REVISION NC20017NCP- 03/03/20 KBA
LL VENT OPENINGS SHALL BE COVERED WITH 1/4" CORROSION ESISTANT METAL MESH. RAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS ANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.	DIVISION REVISION S DIVISION REVISION NC20017NCP- 03/03/20 KBA HOME OFFICE OPTION CORP20003CORP - 09/03/20 KBA
LL VENT OPENINGS SHALL BE COVERED WITH I/4" CORROSION ESISTANT METAL MESH. RAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS ANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS. LL VENTS SHALL BE INSTALLED SO AS TO MAKE THEM MATER- ROOF I MAILL MOINTED LOWERS SHALL BE SEALED FOR MINDOW	HOME OFFICE OFFICE
LL VENT OPENINGS SHALL BE COVERED WITH I/4" CORROSION ESISTANT METAL MESH. RAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS IANUFACTURER TO ACCOMMONTE ALL ATTIC VENTS. LL VENTS SHALL BE INSTALLED SO AS TO MAKE THEM WATER- ROOF & WALL MOUNTED LOUVERS SHALL BE SEALED & FLASHED V MOISTOP IN THE SAME MANNER PRESCRIBED FOR WINDOW STALLATION.	HOME OFFICE OFFICE
LL VENT OFENINGS SHALL BE COVERED WITH 1/4" CORROSION EDISTANT WETAL MESH. RAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS IANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS LUCYEN SHALL BE INSTALLED BO AS TO MAKE THEM WATER- ULYEN SHALL BE INSTALLED BO AS TO MAKE THEM WATER- BOTOP IN MORTSMOOTHER PRESCRIBED FOR MINDON ISTOP IN MORTSMOOTHER PRESCRIBED FOR MINDON ROVIDE APPROVED INSULATION DAMS (BASTLES) WHERE VENT IOCKS ARE USED BETWEEN ROOF FRAMING MEMBERS TO REVENT VENT HOLES FROM BEING BLOCKED BY INSULATION. OCATE HIGH VENTING MINDM 9-0" VERTICAL DISTANCE ABOVE	HOME OFFICE OFFICE
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LL VENT OFENINGS SHALL BE COVERED WITH I/4" CORROSION ESISTANT METAL MESH. RAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS IANUFACTURER TO ACCOMMONATE ALL ATTIC VENTS. LL VENTS SHALL BE INSTALLED SO AS TO MAKE THEM MATER- ROOF I WALL MONTED LOXVERS SHALL BE SEALED I FOR MINDOW STALLATION. ROVIDE APPROVED INSULATION DAMS (BAFFLES) WHERE VENT LOCKS ARE USED BETWEEN ROOF FRAMING MEMBERS TO REVENT VENT HOLES FREM REOF FRAMING MEMBERS TO REVENT VENT HOLES FREM REOF FRAMING MEMBERS TO REVENT VENT HOLES MEMBERS BLOCK SABLE END VENTS, ROVIDE APPROVED INSULATION D'AMS (BAFFLES) WHERE ABOVE AVES.	PLAN: 240.3174-R
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LL VENT OFENINGS SHALL BE COVERED WITH I/4" CORROSION ESISTANT METAL MESH. RAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS IANUFACTURER TO ACCOMMONATE ALL ATTIC VENTS. LL VENTS SHALL BE INSTALLED SO AS TO MAKE THEM MATER- ROOF I WALL MOINTED LOXVERS SHALL BE SEALED I FOR MINDOW STALLATION. ROVIDE APPROVED INSULATION DAMS (BAFFLES) WHERE VENT LOCKS ARE USED BETWEEN ROOF FRAMING MEMBERS TO REVENT VENT HOLES FREM REOF FRAMING MEMBERS TO REVENT VENT HOLES FREM REOF FRAMING MEMBERS TO REVENT VENT HOLES MEMBERS BLOCK CABLE END VENTS, ROVIDE APPROVED INSULATION D'AMS (BAFFLES) UNERE VENT LOCKS ARE USED BETWEEN REOF FRAMING MEMBERS TO REVENT VENT HOLES MEMBERS BLOCK CABLE END VENTS, ROVIDE ADGUATE ADDITIONAL VENTILATION BY MEANS OF	PLAN: 240.3174-R SHEET: 3.A1 SPEC. LEVEL 1 RALEIGH-DURHAM
LL VENT OPENINGS SHALL BE COVERED WITH I/4" CORROSION ESISTANT METAL MESH. RAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS ANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS. LL VENTS SHALL BE INSTALLED SO AS TO MAKE THEM MATER- ROOF & WALL MOINTED LOWERS SHALL BE SEALED & I FLASHED VMOISTOP" IN THE SAME MANNER PRESCRIBED FOR MINDOW STALLATION. ROVIDE APPROVED INSULATION DAMS (BAFFLES) WHERE VENT LOCKS ARE USED BETWEEN ROOF FRAMING MEMBERS TO REVENT VENT HOLES FROM BEINS BLOCKED BY INSULATION. OCATE HIGH VENTING MINIMUM 3"-O" VERTICAL DISTANCE ABOVE AVES. HEN GABLE END TRUSS MEMBERS BLOCK GABLE END VENTS, ROVIDE ADGUATE ADDITIONAL VENTILATION BY MEANS OF	PLAN: 240.3174-R SHEET: 3.A1 SPEC. LEVEL 1



#	ELEVATION NOTES	
NOTE	NOT ALL KEY NOTES APPLY.	
I. 1	ROOF MATERIAL - REFER TO ROOF NOTES	P
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP	
З.	S.I. FLASHING	
	S.I. FLASHING & SADDLE/CRICKET	
	S.I. DRIP SCREED	
	24"x24" CHIMNEY	
	DECORATIVE VENT	
	DECORATIVE CORBEL	
	DECORATIVE SHUTTERS	
	PEDIMENT. SEE ELEVATION FOR TYPE	
	RECESSED ELEMENT	•
	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	
	TRIM - SEE ELEVATION FOR SIZE	
15. 1	SYNTHETIC MATERIAL PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) SYPON OR EQ, SURROUNDING STRUCTURAL POST.	The second secon
	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	° / <b>∕</b> ° '
	SHAKE SIDING	Ha Ha
	STONE VENEER PER SPECS	
19. 1	BRICK/MASONRY VENEER PER SPECS	MASTERS
20.1	BUILT UP BRICK COLUMN	B B 02/01/202
21.	BOLDIER COURSE	
22. 1	ROWLOCK COURSE	
23. 1	FRIEZE BOARD	
24. :	SIDING W/ 4" CORNER TRIM PER SPECS	
25. 1	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE	
26. 1	PRE-FAB DECORATIVE TRIM	NORTH CAI
27. 1	LIGHT WEIGHT PRECAST STONE TRIM	P
	RAILINGS (+36" U.N.O.)	40' SEF
	VINYL WRAP	
	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	КВ НОМ
	BRACKET OR KICKER - FYPHON OR EQ.	NORTH CAROLIN
	ENTRY DOOR	
	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4518 S. MIAN
	SECTIONAL GARAGE DOOR PER SPECS	SUITE 1
		DURHAM, NC
	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	■ TEL: (919) 76
	OPTIONAL STANDING SEAM METAL ROOF	FAX: (919) 47
		FAA. (313) 40
	SOLDIER CROWN JACK SOLDIER COURSE	
	JACK SOLDIER COURSE	

- 41. WATER TABLE 42. ATRIUM DOOR 43. PILASTER SEE ELEVATION FOR TYPE





PARTIAL FIRST FLOOR PLAN 'A' AT CRAWL SPACE

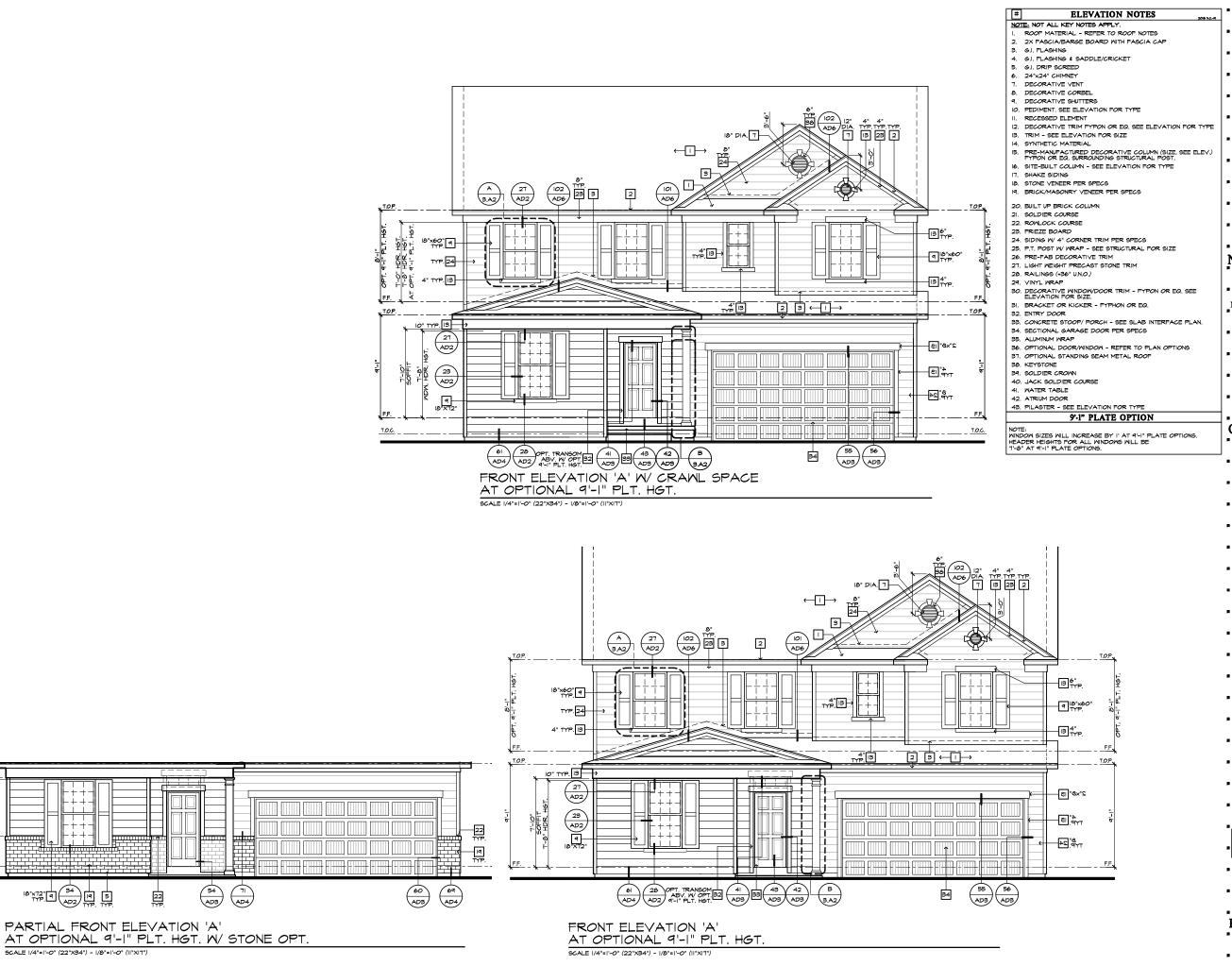
7'-4

40'-0"

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

12'-8"

	ELEVATION NOTES 200 NG-R	]
	E. NOT ALL KEY NOTES APPLY.	
I. 2.	ROOF MATERIAL - REFER TO ROOF NOTES 2X FASCIA/BARGE BOARD WITH FASCIA CAP	
з.	G.I. FLASHING	
	G.I. FLASHING & SADDLE/CRICKET	
5. 6.	G.I. DRIP SCREED	
	24"x24" CHIMNEY DECORATIVE VENT	
	DECORATIVE CORBEL	I HOME
9.	DECORATIVE SHUTTERS	
	PEDIMENT. SEE ELEVATION FOR TYPE	
11.		•
	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE TRIM - SEE ELEVATION FOR SIZE	
	SYNTHETIC MATERIAL	
	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.	
	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE SHAKE SIDING	Harnett
	STONE VENEER PER SPECS	ROTH CAROLINA
19.	BRICK/MASONRY VENEER PER SPECS	MASTER SET
20	BUILT UP BRICK COLUMN	P 02/01/2022
	SOLDIER COURSE	
	ROWLOCK COURSE	
	FRIEZE BOARD	
	SIDING W/ 4" CORNER TRIM PER SPECS	
	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE	
		NORTH CAROLIN
	LIGHT WEIGHT PRECAST STONE TRIM RAILINGS (+36" U.N.O.)	8
	KAILINGS (+36" U.N.O.) VINYL WRAP	40' SERIES
	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE	•
	ELEVATION FOR SIZE.	KB HOME
	BRACKET OR KICKER - FYPHON OR EQ. ENTRY DOOR	NORTH CAROLINA DIVISION
	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4518 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	FAX: (919) 472-0582
	KEYSTONE SOLDIER CROWN	
	JACK SOLDIER COURSE	
	WATER TABLE	
	ATRIUM DOOR	
43.	PILASTER - SEE ELEVATION FOR TYPE	2018 NORTH
#	PARTIAL PLAN NOTES	
NOT		CAROLINA STAT
21.	PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN &	
28.	E: NOT ALL RET NOTES APPLY. WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN, REFER 70 DETALS) WATER HEATER B' VENT TO OUTSIDE AIR	BUILDING
29.	VALVE	Deilbind
39. 41. 42.	Line of Hall Below Line of Floor Above Line of Floor Below	CODES
42. 480.	LINE OF FLOOR BELOM MIN: 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) A/C PAD LOCATION	
50. 51.	LOW WALL - REFER TO PLAN FOR HEIGHT	
52.	2x6 STUD WALL DBL. 2x4 WALL PER PLAN	
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT	
57. 58.	FLAT SOFFIT ARCHED SOFFIT	
60. 61.	OPT. DOOR/ WINDOW PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
62.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) PYEON OR EQ. SURROUNDING STRUCTURAL POST. BRICK, STONE, VEREN, REFER TO ELEVATIONS	
63		
00.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR	
	APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL	
68	TRAVEL PATH). P.T. POST W VINYL WRAP.	ISSUE DATE: 07/31/18
70.	EGRESS WINDOW	PROJECT No.: 1350999:56
	BEYOND WINDOW(S) ON ALL SIDES U.N.O.	
76. 77.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR	DIVISION MGR.: MCP
	SIZE	REVISIONS: 08/29/19
		I NCI90ISNCP. 01/23/19 MCP DIVISION REVISION
		MC19005NCP- 02/28/19 MCP DIVISION REVISION
		<u>3</u> <u>NCI9029NCP-04/22/19 MCP</u> <u>01/15ION REVISION</u>
		A     DIVISION REVISION     A     DIVISION REVISION     DIVISION REVISION
		S NC20017NCP- 03/03/20 KBA
		•
		•
		•
		•
		PLAN: 240.3174-R
		240.3174-R
		240.3174-R
		240.3174-R SHEET: 3.A3
NOT	ER TO BASIC ELEVATIONS FOR INFORMATION NOT	240.3174-R
REF	EL TER TO BASIC ELEVATIONS FOR INFORMATION NOT WIN HERE	240.3174-R SHEET: 3.A3 SPEC. LEVEL 1
REF	ER TO BASIC ELEVATIONS FOR INFORMATION NOT	240.3174-R SHEET: 3.A3
REF	ER TO BASIC ELEVATIONS FOR INFORMATION NOT	240.3174-R SHEET: 3.A3 SPEC. LEVEL 1

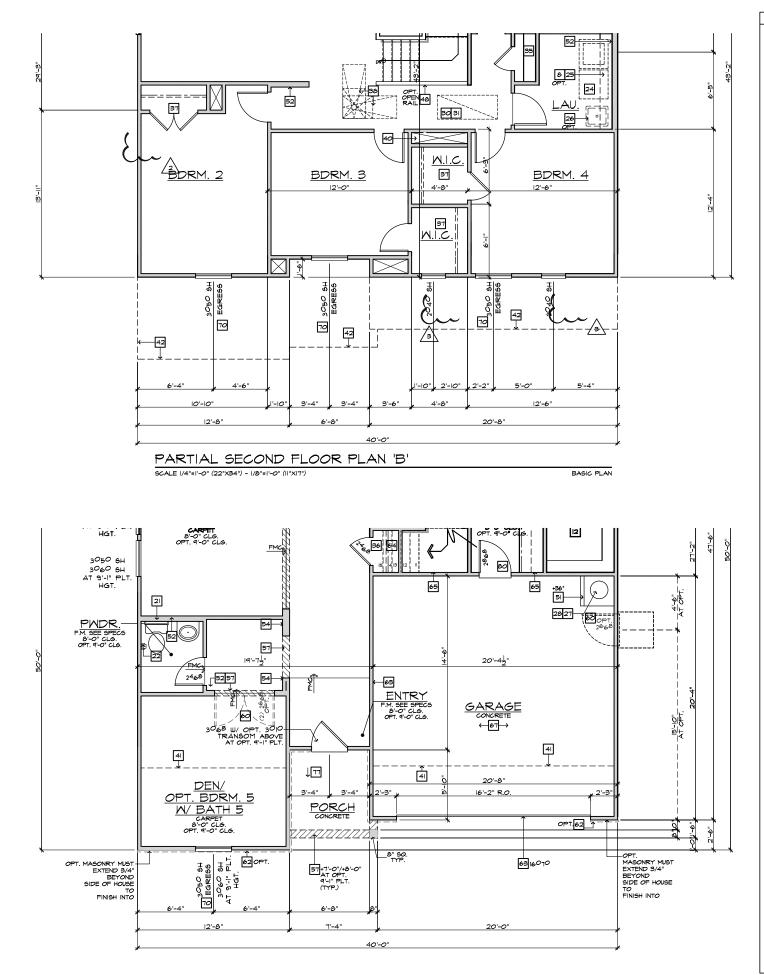


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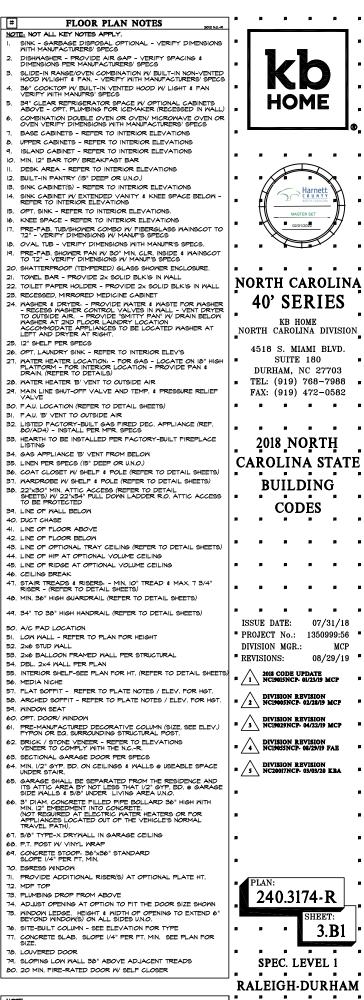
SOFFIT SOFFIT

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NO					- - - -
NOR 4	HO' TH C 518 S DURH EL: (	SE KB H AROL S. MI SUITE AM, 1 919)	OME INA AMI 180 NC 2 768-	E <b>ES</b> DIVISIO BLVD.	2
	RO: BU	3 N LIN VILI COI	IA S DIN		
1			•	•	•
PRO DIVI		No.: MGR.	135 08 PDATE 01/23/1 EVISIO 02/28/1 EVISIO 04/22/1 EVISIO	N 9 MCP 19 MCP 19 MCP 9 FAE N	; ■ ,
	SPE	0.31 C. L GH-	SHE 3 EVE	ет: .А4	M



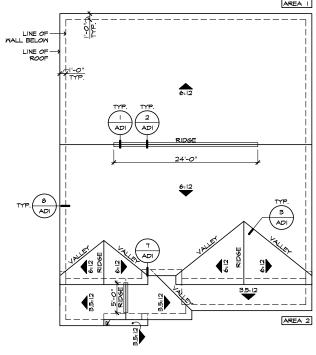
PARTIAL FIRST FLOOR PLAN 'B'

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



NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

40' SERIES



ROOF PLAN 'B'

SCALE 1/8"=1'-0" (22"X34") - 1/16"=1'-0" (11"X17")



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

27

AD2

23 AD2

<del>\*\* <sup>2"</sup></del>

1"

6X TRIM-

24 AD2

4X TRIM-

4X TRIM-

2" 4"

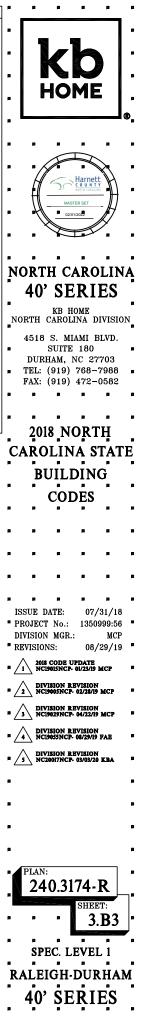


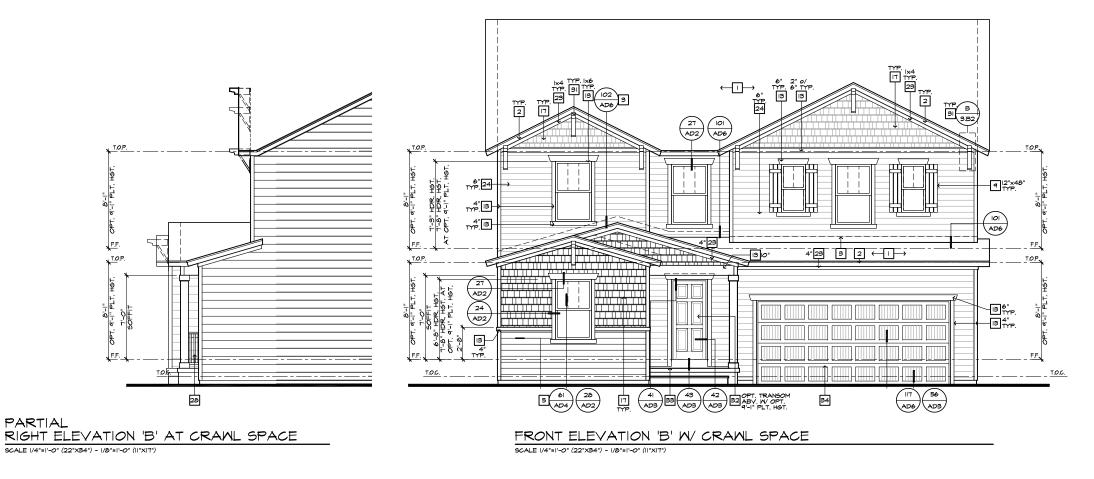
#         ELEVATION NOTES	,
NOTE: NOT ALL KEY NOTES APPLY.	
2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP	
<ol> <li>G.I. FLASHING</li> <li>G.I. FLASHING &amp; SADDLE/CRICKET</li> </ol>	
5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY	
7. DECORATIVE VENT	HOME
<ol> <li>DECORATIVE CORBEL</li> <li>DECORATIVE SHUTTERS</li> </ol>	
IO. PEDIMENT. SEE ELEVATION FOR TYPE	∣, <b>└────</b> ┛®,
12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	
<ul><li>I3. TRIM - SEE ELEVATION FOR SIZE</li><li>I4. SYNTHETIC MATERIAL</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>SHAKE SIDING</li> </ol>	Harnett
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. SIDING W/ 4" CORNER TRIM 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. RAILINGS (+36" U.N.O.)	40' SERIES
29. VINYL WRAP 30. DECORATIVE WINDOWDOOR TRIM - FYPON OR EQ. SEE ELEVATION EAD GIZE	KB HOME
ELEVATION FOR SIZE. 31. BRACKET OR KICKER - FYPHON OR EQ.	NORTH CAROLINA DIVISION
32. ENTRY DOOR 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4518 S. MIAMI BLVD.
34. SECTIONAL GARAGE DOOR PER SPECS 35. ALUMINUM WRAP	SUITE 180
36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703 TEL: (919) 768-7988
37. OPTIONAL STANDING SEAM METAL ROOF 38. KEYSTONE	FAX: (919) 472-0582
39. SOLDIER CROWN 40. JACK SOLDIER COURSE	
4I. WATER TABLE	
42. ATRIUM DOOR 43. PILASTER - SEE ELEVATION FOR TYPE	2018 NORTH
ROOF PLAN NOTES 'B'	_
5:12 INDICATES ROOF SLOPE	CAROLINA STATE
C: 12 ROOF MATERIAL: COMPOSITION SHINGLE	BUILDING
12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O.	CODES
12" (INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O. LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARNALL PANELS.	
ATTIC VENT CALCULATIONS	4
PROVIDE LCO. IN OF VENTIL ATION PER 200 CO. IN OF ATTIC	
FROVIDE I SUI IN OF VENTILATION TER SOUS ALL OF AN AND A THAN SOUS OF THE REG. VENTILATING AREA IS PROVIDED BY VENTILATIONS LOCATED IN THE UPPER PORTION OF THE ATTLC, (HIGH VENTING)	
AT 3"-O" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) * CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED.	
A CREATER DE MOS, MONECA VERMICE NOT REQUIRED.	
AREA I / MAIN	
VENTILATION REQUIRED: ATTIC AREA 1715 SQ. FT. / 300 = 5.7 SQ. FT. X 144 = 820,8 SQ. IN.	ISSUE DATE: 07/31/18 PROJECT No.: 1350999:56
× 50% = 410.4 5Q. IN.	DIVISION MGR.: MCP
HIGH (24) LIN. FEET OF RIDGE VENT AT (18 SQ. IN./FOOT) = 432 SQ. IN.	REVISIONS: 08/29/19
LOP (121) LIN. FEET OF VENTILATED SOFFIT (5 SQ. IN./FOOT) = 605 SQ. IN. TOTAL & TURN LATION FROM (DED)	2018 CODE UPDATE 1 2018 CODE UPDATE NC19015NCP- 01/23/19 MCP
TOTAL VENTILATION PROVIDED:         1037         50.         IN.           AREA 2 / PORCH	↓ ∧ DIVISION REVISION
VENTILATION REQUIRED: ATTIC AREA # 228 SQ. FT. / IS0 = I.52 SQ. FT.	P 2 NC19005NCP- 02/28/19 MCP
X 144 = 218.86 5Q. IN. VENTILATION PROVIDED: (5 ) LIN. FEET OF RIDGE VENT AT (18 5Q. IN./FOOT) = 90 5Q. IN.	DIVISION REVISION NC19029NCP- 04/22/19 MCP
(28) LIN. FEET OF VENTILATED SOFFIT (5 SQ. IN./FOOT) = 140 SQ. IN.	
TOTAL VENTILATION PROVIDED:         230         50.         IN.           NOTES:	4 NC19055NCP- 06/29/19 FAE
ALL VENT OPENINGS SHALL BE COVERED WITH 1/4" CORROSION RESISTANT METAL MESH.	B         S         DIVISION REVISION NC20017NCP- 03/03/20 KBA         B
FRAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.	
ALL VENTS SHALL BE INSTALLED SO AS TO MAKE THEM WATER- PROOF & WALL MOINTED LOWERS SHALL BE SEALED & FLASHED NE MOISTOR, IN THE SAME MANNER PRESCRIBED FOR MINDOW	R R
INSTALLATION.	в в
PROVIDE APPROVED INSULATION DAMS (BAFFLES) WHERE VENT BLOCKS ARE USED BETWEEN ROOF FRAMING MEMBERS TO PREVENT VENT HOLES FROM BEING BLOCKED BY INSULATION.	
LOCATE HIGH VENTING MINIMUM 3'-O" VERTICAL DISTANCE ABOVE EAVES. WHEN GABLE END TRUGG MEMBERS BLOCK GABLE END VENTS	-
WHEN GABLE END TRUGS MEMBERS BLOCK GABLE END VENTS, PROVIDE ADEQUATE ADDITIONAL VENTILATION BY MEANS OF ROOF TILE VENTS,	a a
	PLAN:
	240.3174-R
	SHEET:
	· · · 3.B2
	5.02
	SPEC. LEVEL 1
	RALEIGH DURHAM
	40' SERIES

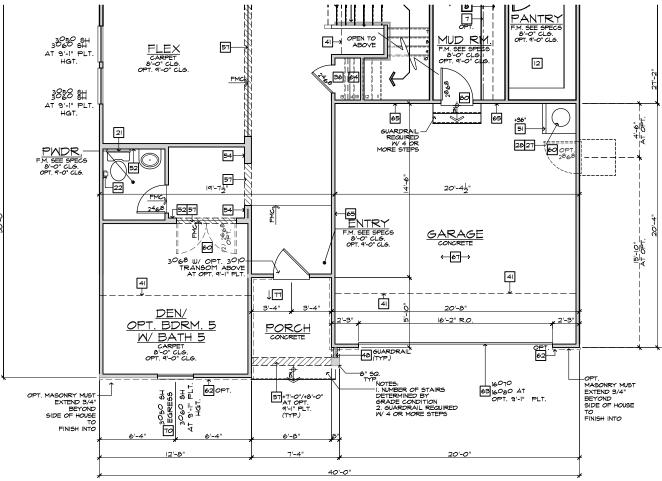


#	ELEVATION NOTES	-	
NOT	TE: NOT ALL KEY NOTES APPLY.	1	
١.	ROOF MATERIAL - REFER TO ROOF NOTES	8	
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP		
з.	G.I. FLASHING		
4.	G.I. FLASHING & SADDLE/CRICKET		
5.	G.I. DRIP SCREED		
б.	24"x24" CHIMNEY	8	
7.	DECORATIVE VENT		
8.	DECORATIVE CORBEL		I RVI
9.	DECORATIVE SHUTTERS		
0.	PEDIMENT. SEE ELEVATION FOR TYPE		
н.	RECESSED ELEMENT	<b>B</b> (	
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE		
13.	TRIM - SEE ELEVATION FOR SIZE		
14.	SYNTHETIC MATERIAL	-	_
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.	p	
6.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE		
٦.	SHAKE SIDING		HSE
18.	STONE VENEER PER SPECS	8	
7.	BRICK/MASONRY VENEER PER SPECS		MAST
~	BUILT UP BRICK COLUMN	8	■H ■ 02/01
	SOLDIER COURSE		
	ROWLOCK COURSE	_	
	FRIEZE BOARD	8	
	SIDING W/ 4" CORNER TRIM PER SPECS		
	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE	8	
	PRE-FAB DECORATIVE TRIM	NT/	
	LIGHT WEIGHT PRECAST STONE TRIM	191	ORTH CA
	RAILINGS (+36" U.N.O.)	10	102 CE
			40' SE
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	•	кв н
31.	BRACKET OR KICKER - FYPHON OR EQ.	N NC	ORTH CAROLI
32.	ENTRY DOOR	10	
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.		4518 S. ML
34.	SECTIONAL GARAGE DOOR PER SPECS		SUITE
35.	ALUMINUM WRAP	-	DURHAM. N
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS		,
	OPTIONAL STANDING SEAM METAL ROOF	8	TEL: (919)
38.	KEYSTONE		FAX: (919)
39.	SOLDIER CROWN		
40.	JACK SOLDIER COURSE	-	
41		1	

- 41. WATER TABLE 42. ATRIUM DOOR 43. PILASTER SEE ELEVATION FOR TYPE



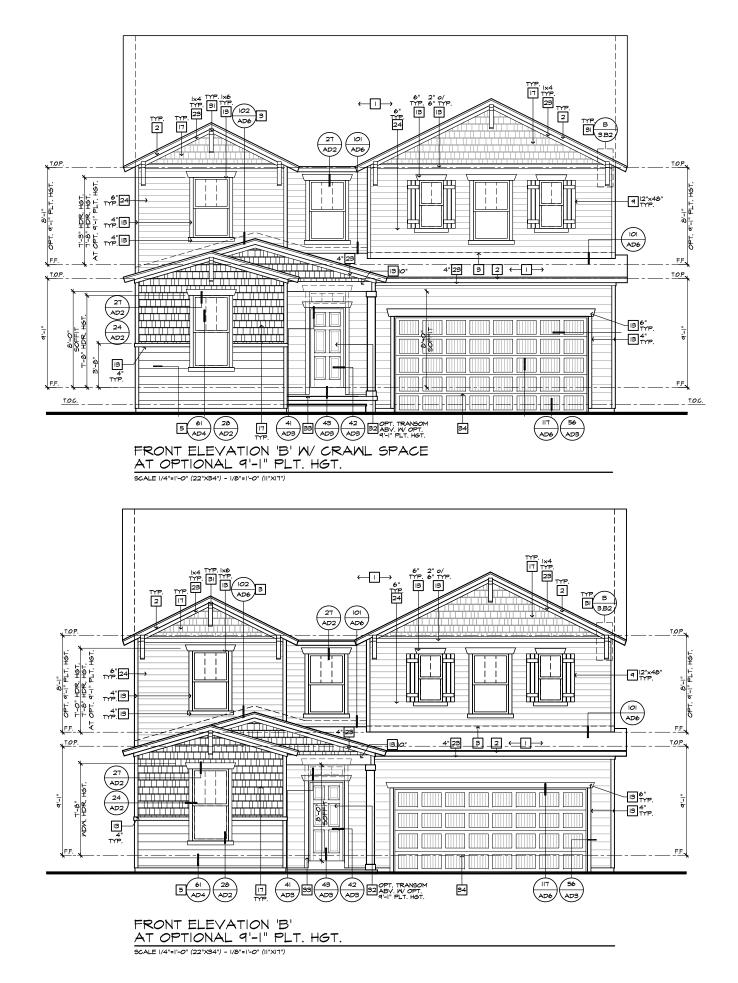




### PARTIAL FIRST FLOOR PLAN 'B' AT CRAWL SPACE

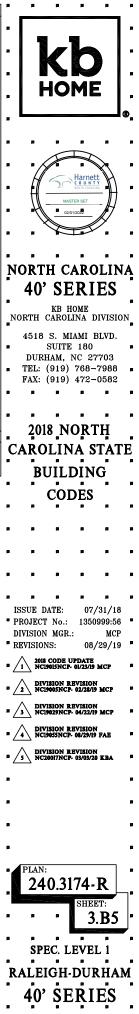
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

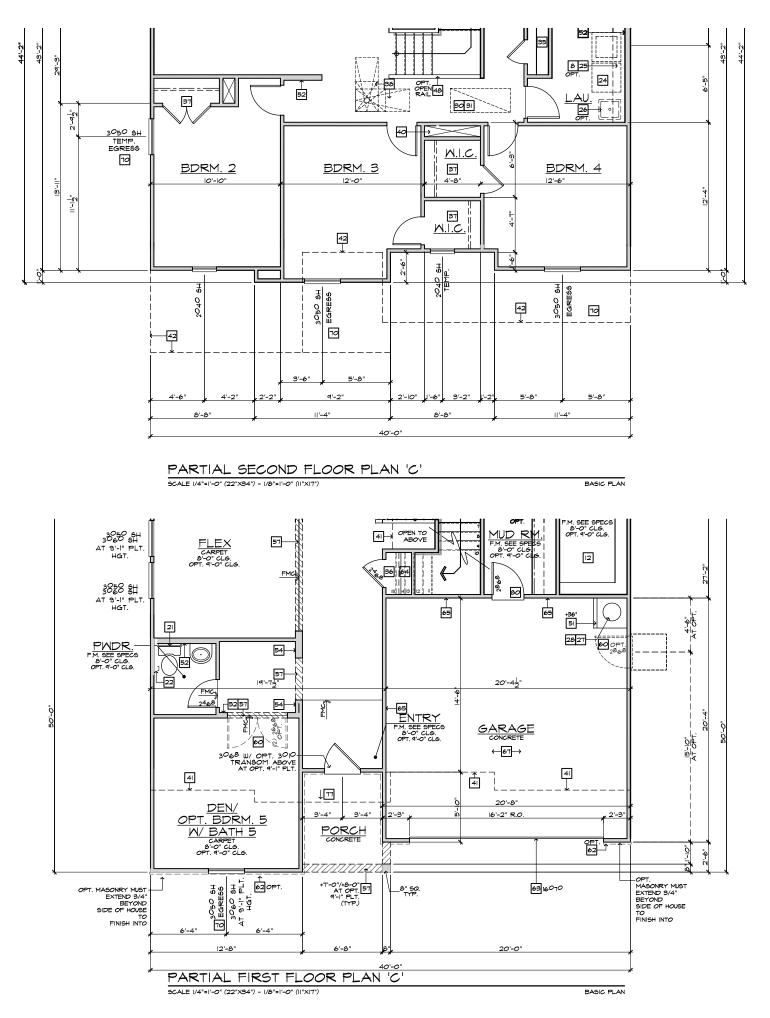
<b>[</b> #		
# NO	ELEVATION NOTES 200 NG.R	
١.	ROOF MATERIAL - REFER TO ROOF NOTES	
2. 3.	2X FASCIA/BARGE BOARD WITH FASCIA CAP G.I. FLASHING	
4. 5	G.I. FLASHING & SADDLE/CRICKET G.I. DRIP SCREED	" <b>KD  </b> "
6.	24"x24" CHIMNEY	
7. 8.	DECORATIVE VENT DECORATIVE CORBEL	
9.	DECORATIVE SHUTTERS	
10. 11.	PEDIMENT. SEE ELEVATION FOR TYPE RECESSED ELEMENT	│, └──── <b>`</b> ®,
12. 13.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	
	TRIM - SEE ELEVATION FOR SIZE SYNTHETIC MATERIAL	
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.	
16. 17.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE SHAKE SIDING	Harnett
18.	STONE VENEER PER SPECS	
19.	BRICK/MASONRY VENEER PER SPECS	MASTER SET
	BUILT UP BRICK COLUMN SOLDIER COURSE	
22	ROWLOCK COURSE	
	FRIEZE BOARD SIDING W/ 4" CORNER TRIM PER SPECS	
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE	
	PRE-FAB DECORATIVE TRIM LIGHT WEIGHT PRECAST STONE TRIM	NORTH CAROLINA
28	RAILINGS (+36" U.N.O.)	40' SERIES
	VINYL WRAP DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE	
	ELEVATION FOR SIZE. BRACKET OR KICKER - FYPHON OR EQ.	KB HOME NORTH CAROLINA DIVISION
32.	ENTRY DOOR	a a
	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. SECTIONAL GARAGE DOOR PER SPECS	4518 S. MIAMI BLVD.
35.	ALUMINUM WRAP	DURHAM, NC 27703
	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7988 ■
38.	KEYSTONE	FAX: (919) 472-0582
	SOLDIER CROWN JACK SOLDIER COURSE	
	WATER TABLE ATRIUM DOOR	
	PILASTER - SEE ELEVATION FOR TYPE	2018 NORTH
#	PARTIAL PLAN NOTES	
<u>N0</u> 27.	TE: NOT ALL KEY NOTES APPLY. WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH	CAROLINA STATE
28	TRATER (TEATER LOCATION - FOR GAS - LOCATE ON 10" HIGH PATFORM - FOR NITERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS) WATER HEATER B' VENT TO OUTSIDE AIR MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	BUILDING
29. 24		BUILDING
41.	LINE OF FLOOR ADOVE	CODES
48 50	MIN 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) A/C PAD LOCATION L/W WALL - REFER TO PLAN FOR HEIGHT	
52. 54.	2x6 STUD WALL DBL. 2x4 WALL PER PLAN	
55. 57.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT FLAT SOFFIT ARCHED SOFFIT	
58. 60 61.	OPT DOOR/ WINDOW	
62		
63. 66.	5" DIAM. CONCRETE FILLED PIPE BOLLARD 56" HIGH WITH	
	MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL	
68	TRAVEL PATH). P.T. POST W/ VINYI WRAP	ISSUE DATE: 07/31/18
70.	EGRESS WINDOW WINDOW LEDGE, HEIGHT & WIDTH OF OPENING TO EXTEND 6"	PROJECT No.: 1350999:56
76. 77.		DIVISION MGR.: MCP
	SIZE	REVISIONS: 08/29/19
		2018 CODE UPDATE 1 NC19015NCP- 01/23/19 MCP
		▲ DIVISION REVISION
		* <u>2</u> NC19005NCP- 02/28/19 MCP
		DIVISION REVISION
		DIVISION REVISION A NC19055NCP- 06/29/19 FAE
		■ <u>5</u> NC20017NCP- 03/03/20 KBA ■
		8 8
		• •
		-
		PLAN:
		240.3174-R
		SHEET:
		•••• 3.B4
bl.m.	<b>15</b> .	SPEC. LEVEL 1
N R R	IE: FER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT DNN HERE	SFEU. LEVEL I
540	er et e naar naar	RALEIGH-DURHAM
NO	1 <u>E.</u>	
RE	I <u>E:</u> TO BASIC <mark>FLOOR PLAN</mark> FOR INFORMATION NOT WIN HERE	40' SERIES



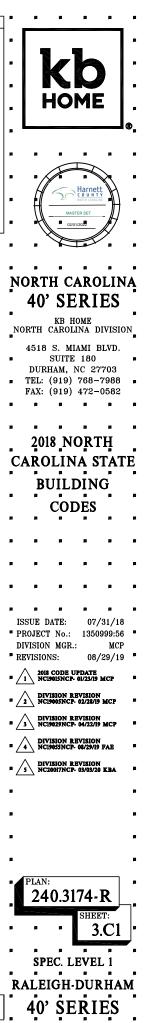
#	ELEVATION NOTES		-	8
NO	E: NOT ALL KEY NOTES APPLY.			
1.	ROOF MATERIAL - REFER TO ROOF NOTES	8		
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP			
з.	G.I. FLASHING	_		
4.	G.I. FLASHING & SADDLE/CRICKET			A
5.	G.I. DRIP SCREED			
6.	24"x24" CHIMNEY	8		F
7.	DECORATIVE VENT			
8.	DECORATIVE CORBEL			15
۹.	DECORATIVE SHUTTERS	-		
10.	PEDIMENT, SEE ELEVATION FOR TYPE			
н.	RECESSED ELEMENT	8		
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE			
13.	TRIM - SEE ELEVATION FOR SIZE			
14.	SYNTHETIC MATERIAL	-	-	-
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)			15
14	FYPON OR EQ. SURROUNDING STRUCTURAL POST. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	8	• / *	
	SHE-BUILT COLUMN - SEE ELEVATION FOR TIME SHAKE SIDING		- Ll	/
	STONE VENEER PER SPECS		17	2
	BRICK/MASONRY VENEER PER SPECS		- HI -	
1-1.	DRIOR/INCOMINT VEINEER TER SI EUS		- 🌒 -	_
20	BUILT UP BRICK COLUMN	10	17*	
21.	SOLDIER COURSE		X	$\sim$
22.	ROWLOCK COURSE	8		Y
23.	FRIEZE BOARD			
	SIDING W/ 4" CORNER TRIM PER SPECS	_	_	_
	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE		8	
	PRE-FAB DECORATIVE TRIM	N	ORTI	Η·
	LIGHT WEIGHT PRECAST STONE TRIM	E.		
	RAILINGS (+36" U.N.O.)		<b>4</b> 0'	S
	VINYL WRAP		10	
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	-		KB
31.	BRACKET OR KICKER - FYPHON OR EQ.	NO NO	ORTH (	CAR
32.	ENTRY DOOR	10		
	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.		4518	$\mathbf{S}$ .
	SECTIONAL GARAGE DOOR PER SPECS		:	SUI
	ALUMINUM WRAP		DURE	IAM
	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS		TEL: (	(91)
	OPTIONAL STANDING SEAM METAL ROOF	-	FAX: (	2
	KEYSTONE		PAA: (	91
			8	ø
	JACK SOLDIER COURSE			
	WATER TABLE			p.
		-		
49.	PILASTER - SEE ELEVATION FOR TYPE		201	8]
	9-1" PLATE OPTION		8	P
	E: 2004 SIZES WILL INCREASE BY 1' AT 9'-1" PLATE OPTIONS	C.	ARO	ĹI

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

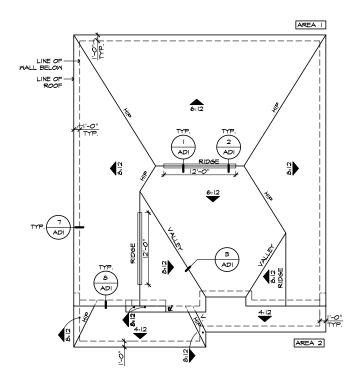




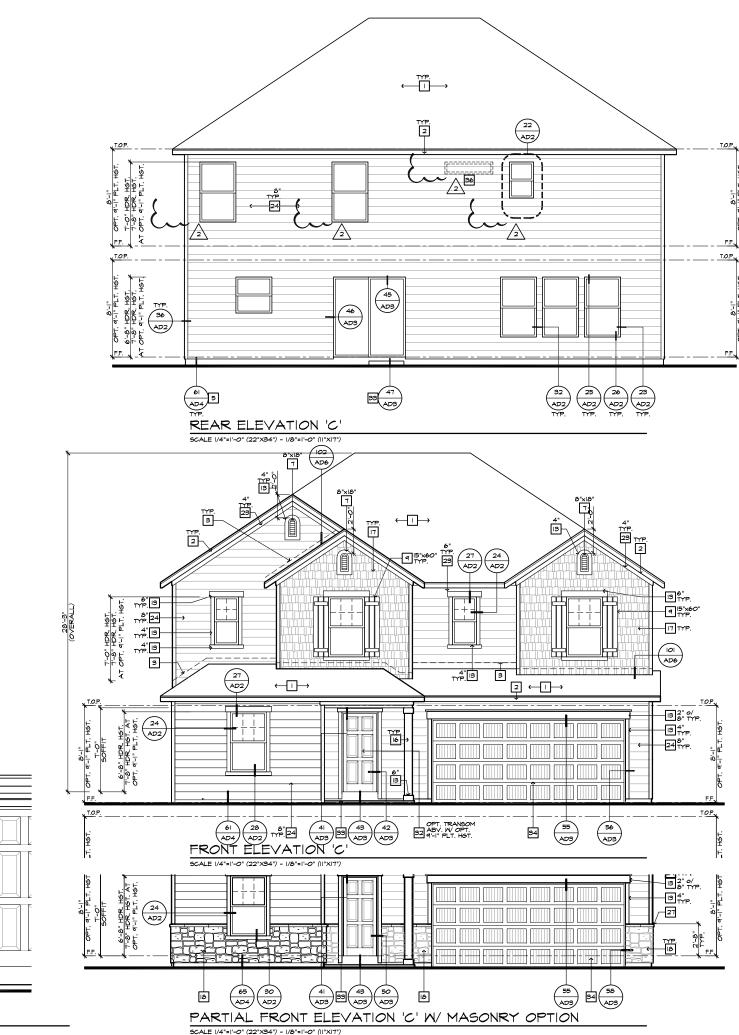


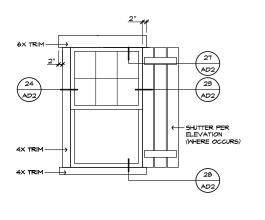


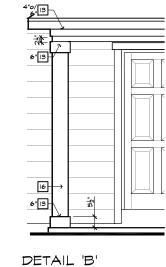
NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE



ROOF PLAN 'C' SCALE 1/8"=1'-0" (22"X34") - 1/16"=1'-0" (11"X17")

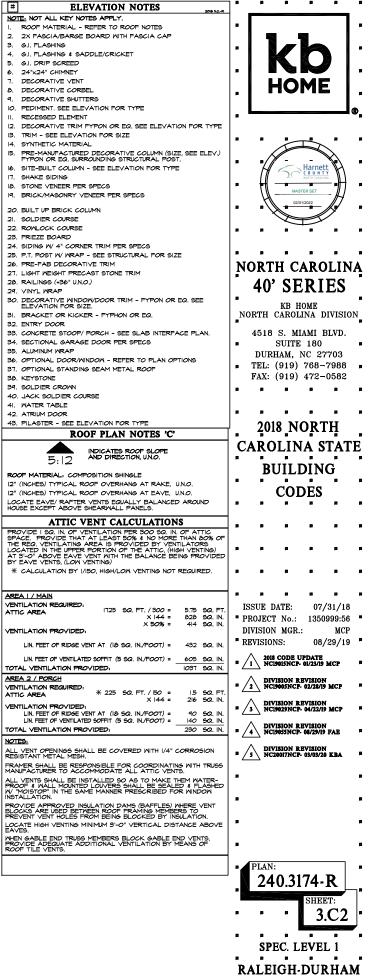






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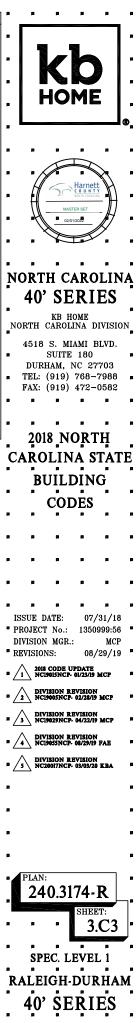


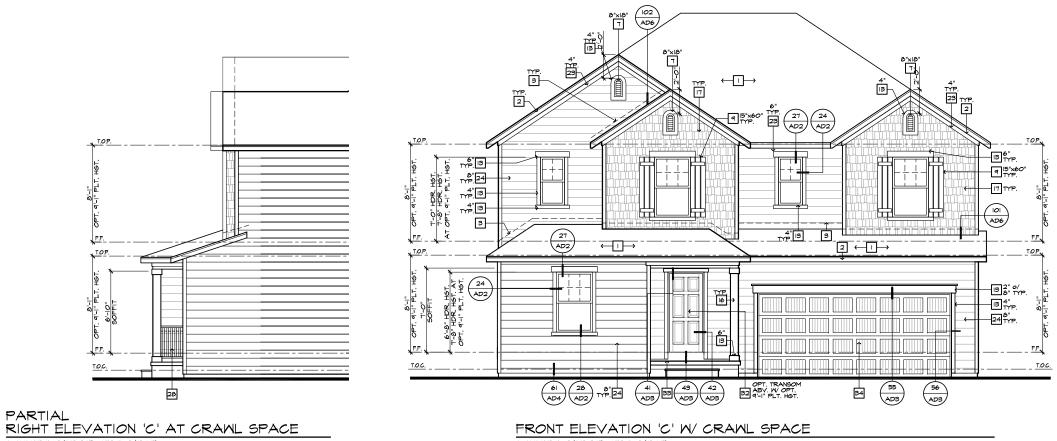
40' SERIES



#	ELEVATION NOTES	"	
NOT	E: 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	B	
4.	G.I. FLASHING & SADDLE/CRICKET		
5.	G.I. DRIP SCREED		
6.	24"x24" CHIMNEY		
7.	DECORATIVE VENT		I HON
8.	DECORATIVE CORBEL		I NVr
9.	DECORATIVE SHUTTERS	· ·	
0.	PEDIMENT. SEE ELEVATION FOR TYPE		
н.	RECESSED ELEMENT	8	
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE		
13.	TRIM - SEE ELEVATION FOR SIZE		
14.	SYNTHETIC MATERIAL	-	
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.	B	
6.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE		
7.	SHAKE SIDING		$H \leq \geq 0$
8.	STONE VENEER PER SPECS	8	
7.	BRICK/MASONRY VENEER PER SPECS		MASTER
20.	BUILT UP BRICK COLUMN	8	P 02/01/20
21.	SOLDIER COURSE		
22.	ROWLOCK COURSE	B	
23.	FRIEZE BOARD		
24.	SIDING W/ 4" CORNER TRIM PER SPECS		
25.	P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE	8	
26.	PRE-FAB DECORATIVE TRIM	N	ORTH CA
27.	LIGHT WEIGHT PRECAST STONE TRIM	14	
28.	RAILINGS (+36" U.N.O.)		40' SE]
29.	VINYL WRAP		
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	8	KB HO
31.	BRACKET OR KICKER - FYPHON OR EQ.		ORTH CAROLIN
32.	ENTRY DOOR		
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.		4518 S. MIA
34.	SECTIONAL GARAGE DOOR PER SPECS		SUITE
35.	ALUMINUM WRAP		DURHAM, NO
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS		
37.	OPTIONAL STANDING SEAM METAL ROOF		TEL: (919) 7
38.	KEYSTONE		FAX: (919) 4
39.	SOLDIER CROWN	8	
40.	JACK SOLDIER COURSE		

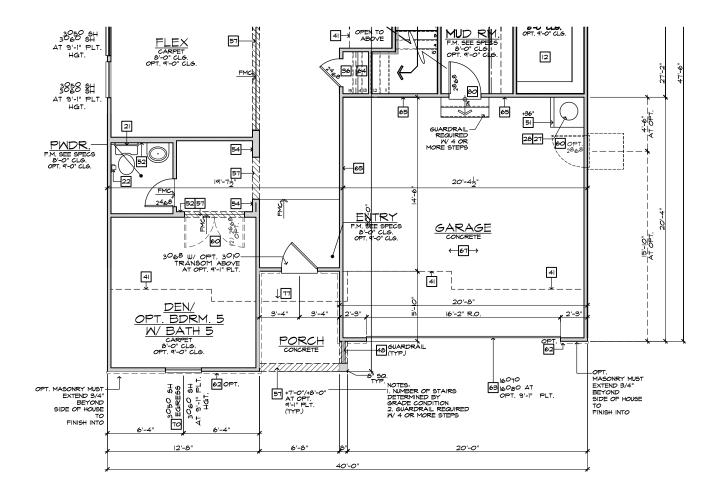
- 41. WATER TABLE 42. ATRIUM DOOR 43. PILASTER SEE ELEVATION FOR TYPE





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

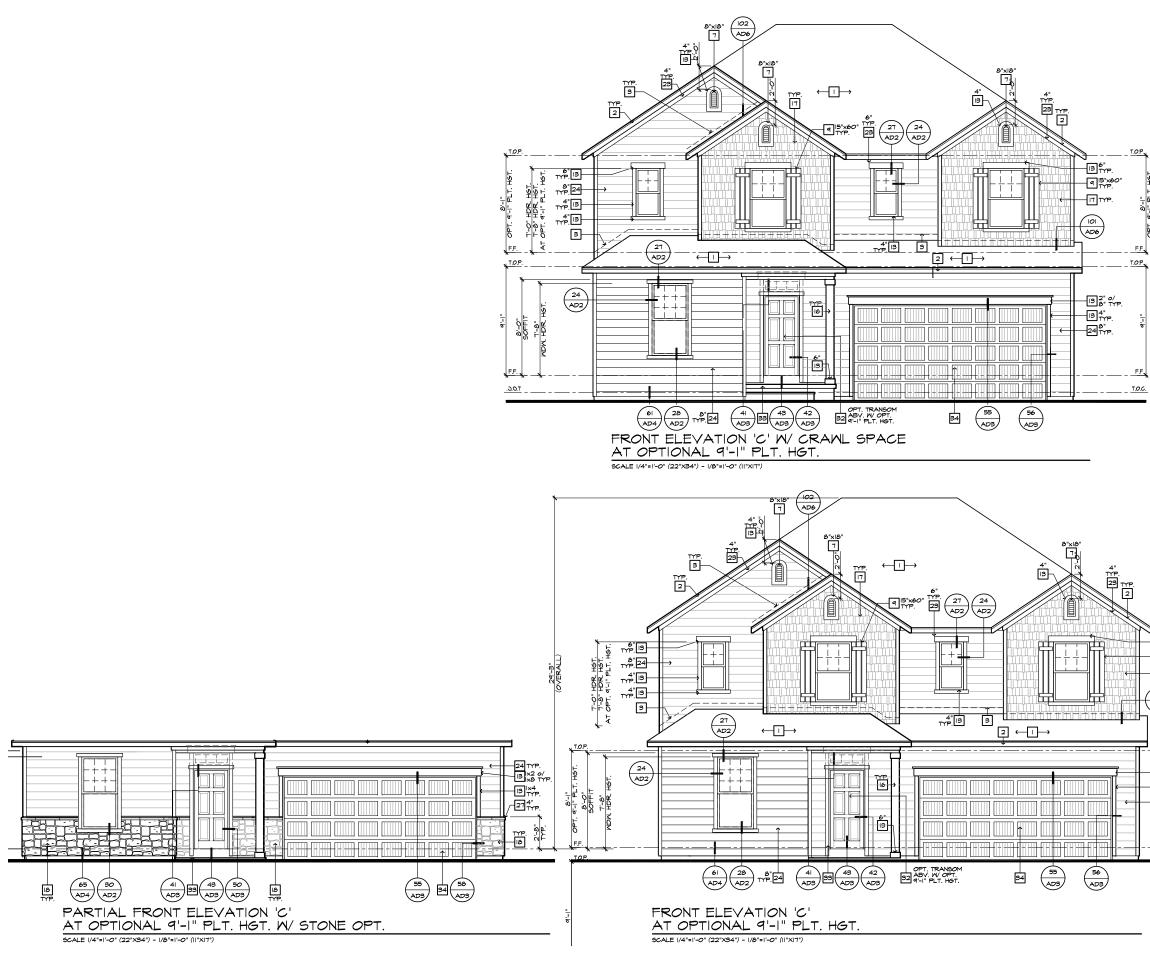
FRONT ELEVATION 'C' W/ CRAWL SPACE SCALE I/4"=I'-0" (22"X34") - I/8"=I'-0" (II"XI7")



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

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

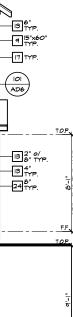
2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP 3. G.I. FLASHING 4. G.I. FLASHING 5. G.I. PRIP SCREED 6. 24*x24* CHIMNEY 7. DECORATIVE VENT 8. DECORATIVE VENT 8. DECORATIVE VENT 9. DECORATIVE SHUTTERS 10. PEDIMENT, SEE ELEVATION FOR TYPE 11. RECESSED ELEVATION FOR SIZE 13. TRIM - SEE ELEVATION FOR SIZE 14. SYNTHETIC MATERIAL 15. PRE-MANIFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) 15. STRE-BUILT COLUMN SEE ELEVATION FOR TYPE 11. SHAKE SIDING 12. STONE VENEER PER SPECS 13. BRICK-MASONRY VENEER PER SPECS 20. BUILT UP BRICK COLUMN 21. SOLDIER COURSE	
<ul> <li>3. G.I. FLASHING</li> <li>4. G.I. FLASHING</li> <li>4. G.I. FLASHING &amp; SADDLE/CRICKET</li> <li>5. G.I. DRIP SCREED</li> <li>6. 24*x24* CHIMNEY</li> <li>7. DECORATIVE CORBEL</li> <li>9. DECORATIVE CORBEL</li> <li>9. DECORATIVE CORBEL</li> <li>9. DECORATIVE SHITTERS</li> <li>10. PEDIMENT, SEE ELEVATION FOR TYPE</li> <li>11. RECESSED ELEMENT</li> <li>12. DECORATIVE TRIM PYPON OR EQ. SEE ELEVATION FOR TYPE</li> <li>13. TRIM - SEE ELEVATION FOR SIZE</li> <li>14. SYNTHETIC MATERIAL</li> <li>15. PRE-MANIFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV) PYPON OR EQ. SURROWNING STRUCTURAL POST.</li> <li>16. SITE-DUIT COLUMN - SEE ELEVATION FOR TYPE</li> <li>17. SHAKE SIDING</li> <li>18. STONE VENEER PER SPECS</li> <li>19. BRICK/MASONRY VENEER PER SPECS</li> <li>20. BUILT UP BRICK COLUMN</li> <li>21. SOLDIER COURSE</li> </ul>	
5. GI. DRIP SCREED 6. 24%24° CHINNEY 7. DECORATIVE VENT 8. DECORATIVE VENT 9. DECORATIVE SHITTES 10. PEDIMENT. SEE ELEVATION FOR TYPE 11. RECESSED ELEMENT 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE 13. TRIM - SEE ELEVATION FOR SIZE 14. SYNTHETIC MATERIAL 15. PREE-MANIFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 17. SHAKE SIDING 18. STONE VENEER PER SPECS 19. BRICK-MASONRY VENEER PER SPECS 20. BUILT UP BRICK COLUMN 21. SOLDIER COURSE	
6. 24'x24' CHIMNEY 7. DECORATIVE CORREL 9. DECORATIVE CORREL 9. DECORATIVE SHITTERS 10. PEDIMENT, SEE ELEVATION FOR TYPE 11. RECESSED ELEMENT 12. DECORATIVE TRIM PYPON OR EQ. SEE ELEVATION FOR TYPE 13. TRIM - SEE ELEVATION FOR SIZE 14. SYNTHETIC MATERIAL 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV) PYFON OR EQ. SURROWNING STRUCTURAL POST. 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 17. SHAKE SIDING 18. STONE VENEER PER SPECS 19. BRICK-MASONRY VENEER PER SPECS 10. BUILT UP BRICK COLUMN 21. SOLDIER COURSE	
<ul> <li>b. DECORATIVE CORBEL</li> <li>9. DECORATIVE SHUTTERS</li> <li>10. PEDIMENT. SEE ELEVATION FOR TYPE</li> <li>11. RECESSED ELEMENT</li> <li>12. DECORATIVE TRIM PYPON OR EQ. SEE ELEVATION FOR TYPE</li> <li>13. TRIM - SEE ELEVATION FOR SIZE</li> <li>14. SYNTHETIC MATERIAL</li> <li>15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV) PYPOR OR EQ. SURROLADING STRUCTURAL POST.</li> <li>16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE</li> <li>17. SHARE SIDING</li> <li>18. STONE VENEER PER SPECS</li> <li>20. BUILT UP BRICK COLUMN</li> <li>21. SOLDIER COURSE</li> </ul>	
<ul> <li>9. DECORATIVE SHITTERS</li> <li>10. PEDIMENT, SEE ELEVATION FOR TYPE</li> <li>11. RECESSED ELEMENT</li> <li>12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE</li> <li>13. TRIM - SEE ELEVATION FOR SIZE</li> <li>14. SYNTHETIC MATERIAL</li> <li>15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV) FYFON OR EQ. SURROWNING STRUCTURAL POST.</li> <li>16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE</li> <li>17. SHAKE SIDING</li> <li>18. STONE VENEER PER SPECS</li> <li>19. BRICK-MASONRY VENEER PER SPECS</li> <li>20. BUILT UP BRICK COLUMN</li> <li>21. SOLDIER COURSE</li> </ul>	
II. RECESSED ELEMENT II. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE I3. TRIM - SEE ELEVATION FOR SIZE I4. SYNTHETIC MATERIAL I5. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) PYPON OR EQ. SURCUDING STRUCTURAL POST. I6. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE I7. SHAKE SIDING I8. STONE VENEER PER SPECS I9. BRICK/MASONEY VENEER PER SPECS 20. BUILT UP BRICK COLUMN 21. SOLDIER COURSE	®, , , , , , , , ,
12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE 13. TRIM - SEE ELEVATION FOR SIZE 14. SYNTHETIC MATERIAL 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) 16. SITE-DUIT COLUMN - SEE ELEVATION FOR TYPE 17. SHAKE SIDING 18. STONE VENEER PER SPECS 19. BRICK MASONRY VENEER PER SPECS 20. BUILT UP BRICK COLUMN 21. SOLDIER COURSE	A .
<ul> <li>14. SYNTHETIC MATERIAL</li> <li>15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) PYPON OR EQ. SURROUNDING STRUCTURAL POST.</li> <li>16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE</li> <li>17. SHAKE SIDING</li> <li>18. STONE VENEER PER SPECS</li> <li>19. BRICK MASONRY VENEER PER SPECS</li> <li>20. BUILT UP BRICK COLUMN</li> <li>21. SOLDIER COURSE</li> </ul>	A .
IS SITE BUILT COLUMN SEE ELEVATION FOR TYPE I. SHAKE SIDING I. SHAKE SIDING I. STONE VENEER PER SPECS I. BRICKMASONRY VENEER PER SPECS 20. BUILT UP BRICK COLUMN 21. SOLDIER COURSE	A
I6. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE I7. SHAKE SIDING I8. STONE VENEER PER SPECS I9. BRICK/MASONRY VENEER PER SPECS 20. BUILT UP BRICK COLUMN 21. SOLDIER COURSE	Á
10. STORE SILTION     10. STORE VENEER PER SPECS     19. BRICK MASONRY VENEER PER SPECS     20. BUILT UP BRICK COLUMN     21. SOLDIER COURSE	n.
19. BRICK/MASONRY VENEER PER SPECS       20. BUILT UP BRICK COLUMN       21. SOLDIER COURSE	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
20. BUILT OF BRICK COLUMN 21. SOLDIER COURSE	Π
	7 -
	, 
23. FRIEZE BOARD	
24. SIDING W/ 4" CORNER TRIM PER SPECS 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE	
26. PRE-FAB DECORATIVE TRIM NORTH CAROL	INA
27. LIGHT WEIGHT PRECAST STONE TRIM 28. RAILINGS (436' UN.C) 29. VINW WERP	
	ر، ح
30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE	•
31. BRACKET OR KICKER - FYPHON OR EQ. NORTH CAROLINA DIV 32. ENTRY DOOR	ISION
33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 4518 S. MIAMI BL	VD.
34. SECTIONAL GARAGE DOOR PER SPECS SUITE 180	
36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	
37. OPTIONAL STANDING SEAM METAL ROOF     IEL: (919) 700-78       38. KEYSTONE     FAX: (919) 472-05	
39. SOLDIER CROWN	
40. JACK SOLDIER COURSE 41. WATER TABLE	
42. ATRIUM DOOR	
43. PILASTER - SEE ELEVATION FOR TYPE 2018 NORTH	Į
	ATE
MOTE:         NOTES         APPLY.           27.         MATER HEATER LOCATION FOR GAS LOCATE ON 10° HIGH DRAIN (REFER TO DETAILS)         FOR VIEW OF AN 4           20.         MATER HEATER TO DETAILS)         PROVIDE PAN 4           24.         MATER HEATER TO VENT TO OUTSIDE AIR         PROSULTE AND TEMP. 4           24.         MATER HEATER TO VENT TO OUTSIDE AIR         PRESSURE RELIEF	
26. WATER HEATER 'B' VENT TO OUTSIDE AIR 29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF BUILDING	•
39. LÍNE ÓF WALL BELOW	a a
41. LINE OF FLOOR ABOVE 42. LINE OF FLOOR BELOW 43. MN 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) 50. AVE AND LOCATOR	
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/ MINDOW 61. PRE-MANIFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) PYPON OR EQ. SURROUNDING STRUCTURAL POST. 62. BRICK / STONE VENER - REFER TO ELEVATIONS	, ,
63. SECTIONAL GARAGE DOOR PER SPECS	a -
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 VINYL WRAP. ISSUE DATE: 07/31	
76. SITE-BULT COLLEMN - SEE ELEVATION FOR TYPE TT. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE SIZE	MCP
	/19
Z018 CODE UPDATE 2018 CODE UPDATE 1 NC19015NCP- 01/23/19 MC	:P =
Division Revision	
■ <u>2</u> NC19005NCF- 02/28/19 M	CP R
DIVISION REVISION	CP =
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240.3174-R	┉┤┑╸
240.3174-R	┉┤┑╸
SHEET. SHEET. 3.C	
NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHORN HERE	<b>24</b>
NOTE. REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE RALEIGH-DURH	<b>24</b>
NOTE.       SHEET.         REFER TO BASIC ELEVATIONS FOR INFORMATION NOT       SPEC. LEVEL         SHORN HERE       SPEC. LEVEL	<b>24</b>

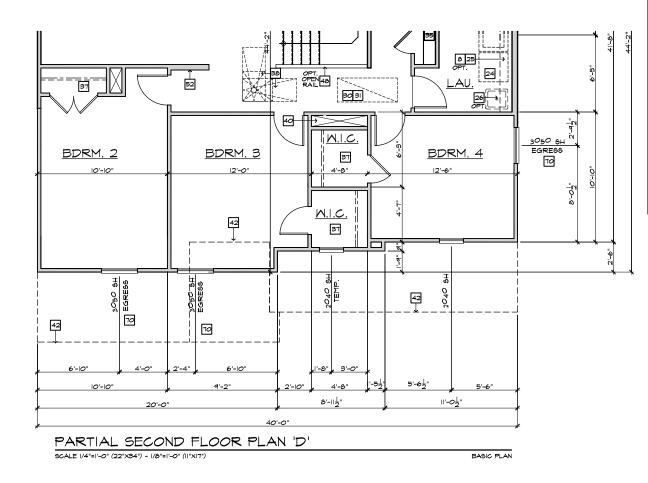


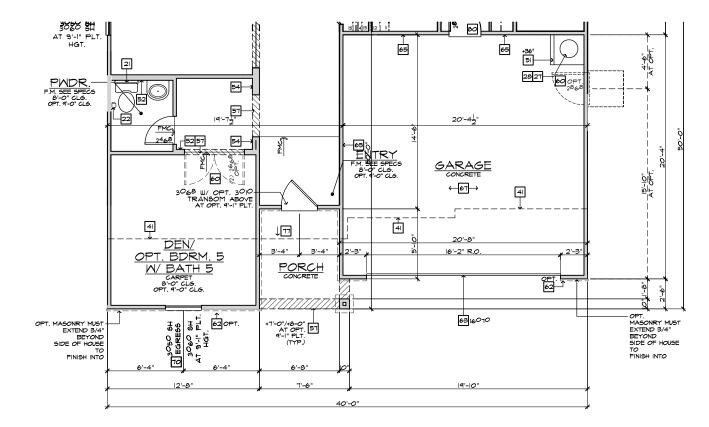
#	ELEVATION NOTES
2	E: NOT ALL KEY NOTES APPLY.
۱.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
з.	G.I. FLASHING
4.	G.I. FLASHING & SADDLE/CRICKET
5.	G.I. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
0.	PEDIMENT. SEE ELEVATION FOR TYPE
п.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM - SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
6.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
	BUILT UP BRICK COLUMN
	SOLDIER COURSE
	ROWLOCK COURSE
	FRIEZE BOARD
	SIDING W/ 4" CORNER TRIM PER SPECS
	P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE
	PRE-FAB DECORATIVE TRIM
	LIGHT WEIGHT PRECAST STONE TRIM
	RAILINGS (+36" U.N.O.)
29.	VINYL WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
31.	BRACKET OR KICKER - FYPHON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
	PILASTER - SEE ELEVATION FOR TYPE
43.	PILASTER - SEE ELEVATION FOR TIPE

NOTE: MINDOW SIZES WILL INCREASE BY I' AT 9'-1" PLATE OPTIONS HEADER HEIGHTS FOR ALL MINDOWS WILL BE T'-8" AT 9'-1" PLATE OPTIONS.

. . . **kb** HOME MASTER SE 02/01/201 . . ORTH CAROLINA 40' SERIES KB HOME ORTH CAROLINA DIVISION 4518 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703 TEL: (919) 768-7988 FAX: (919) 472-0582 . . . . . . . . 2018 NORTH AROLINA STATE BUILDING CODES ISSUE DATE: 07/31/18 PROJECT No.: 1350999:56 DIVISION MGR.: MCP ■ REVISIONS: 08/29/19 2018 CODE UPDATE NC19015NCP- 01/23/19 MCP • ■ <u>2</u> DIVISION REVISION NC19005NCP- 02/28/19 MCP • /3 DIVISION REVISION NCI9029NCP- 04/22/19 DIVISION REVISION MC19055NCP- 08/29/19 FAE DIVISION REVISION NC20017NCP- 03/03/20 KBA  $\sqrt{s}$ PLAN: **240.3174-R** SHEET: 3.C5 SPEC. LEVEL 1 . . raleigh durham 40' SERIES



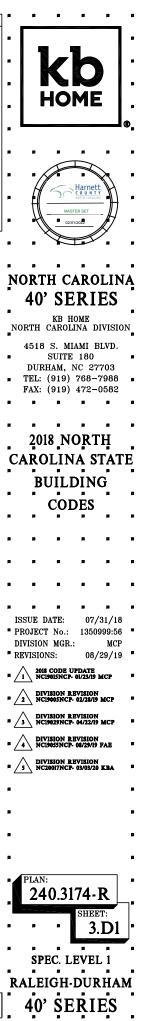


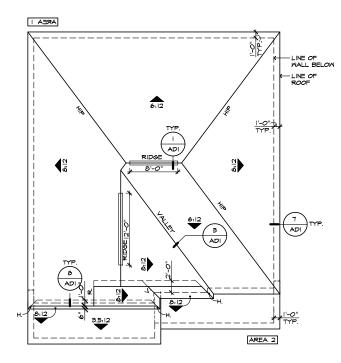


PARTIAL FIRST FLOOR PLAN 'D'

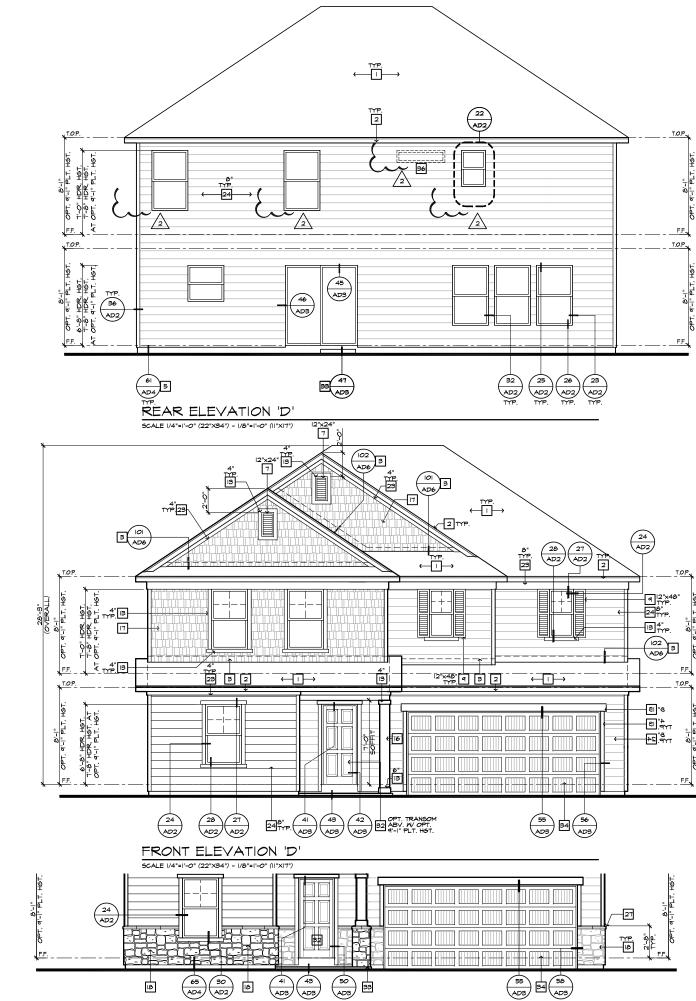
SCALE I/4"=I'-0" (22"X34") - I/8"=I'-0" (II"XI7")

# PARTIAL PLAN NOTES 2010 2010 2011 PARTIAL PLAN NOTES 2011 2 # PARTIAL PLAN NOTES



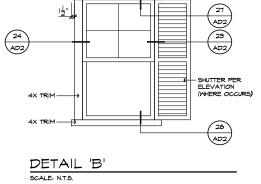


ROOF PLAN 'D' 5CALE 1/8"=1'-0" (22"X34") - 1/16"=1'-0" (11"X17")



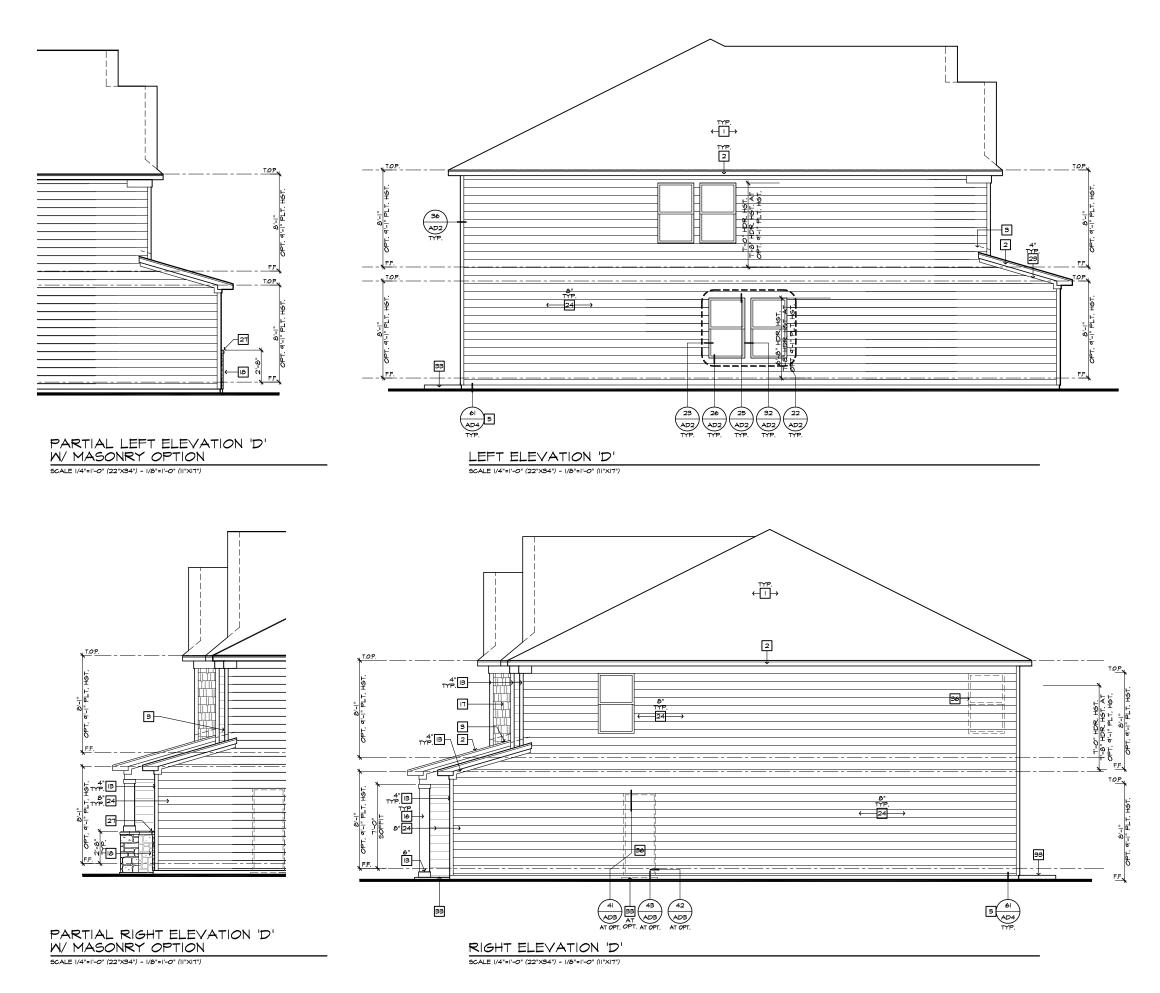
PARTIAL FRONT ELEVATION 'D' W/ MASONRY OPTION

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



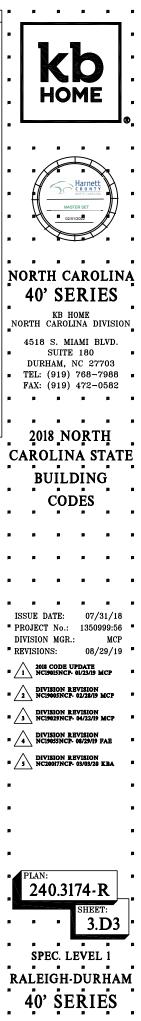
4X TRIM

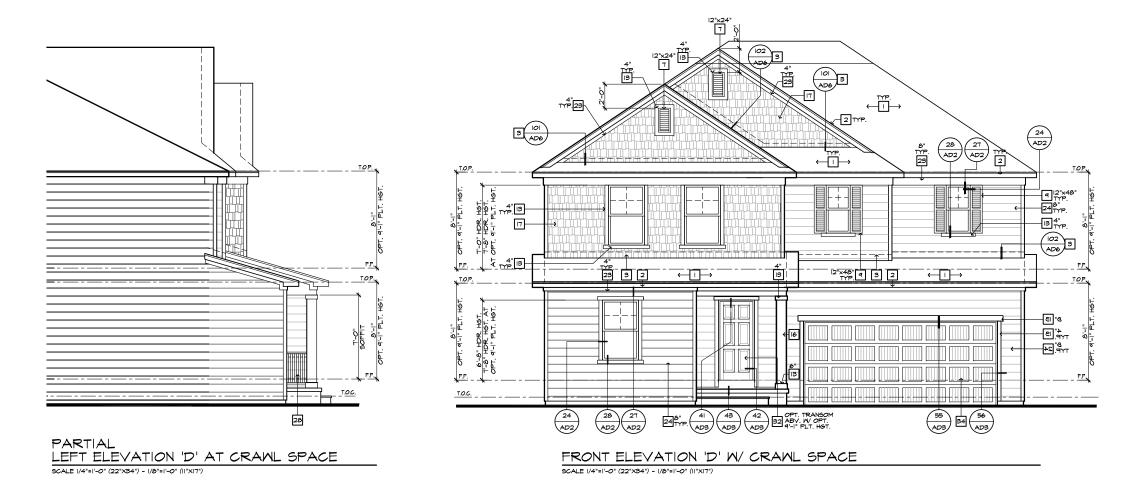
# ELEVATION NOTES	]
NOTE: NOT ALL KEY NOTES APPLY. I. ROOF MATERIAL - REFER TO ROOF NOTES	
2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP 3. G.I. FLASHING	
4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED	
6. 24"×24" CHIMNEY 7. DECORATIVE VENT	
8. DECORATIVE CORBEL 9. DECORATIVE SHUTTERS	HOME   .
IO. PEDIMENT. SEE ELEVATION FOR TYPE II. RECESSED ELEMENT	. <b></b> .
I2. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE     I3. TRIM - SEE ELEVATION FOR SIZE	
14. SYNTHETIC MATERIAL	
<ol> <li>PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.     </li> <li>SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE     </li> </ol>	
17. SHAKE SIDING 18. STONE VENEER PER SPECS	
19. BRICK/MASONRY VENEER PER SPECS	MASTER SET
20. BUILT UP BRICK COLUMN 21. SOLDIER COURSE	
22. RONLOCK COURSE 23. FRIEZE BOARD	
24. SIDING W/ 4" CORNER TRIM PER SPECS 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE	
26. PRE-FAB DECORATIVE TRIM 27. LIGHT WEIGHT PRECAST STONE TRIM	NORTH CAROLINA
28. RAILINGS (+36" U.N.O.)	40' SERIES
29. VINYL WRAP 30. DECORATIVE WINDOWDOOR 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	4518 S. MIAMI BLVD.
35. ALUMINUM WRAP	■ SUITE 180 ■ DURHAM, NC 27703
36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7988 ■ FAX: (919) 472-0582
38. KEYSTONE 39. SOLDIER CROWN	FAX: (919) 472-0582
40. JACK SOLDIER COURSE 41. WATER TABLE	
42. ATRIUM DOOR 43. PILASTER - SEE ELEVATION FOR TYPE	2018 NOPTH
ROOF PLAN NOTES 'J'	2018 NORTH
5:12 INDICATES ROOF SLOPE	CAROLINA STATE
C: 12 ROOF MATERIAL, COMPOSITION	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	
ATTIC VENTI CALCULATIONS PROVIDE I 50, IN. OF VENTILATION PER 300 50, IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% 4 NO MORE THAN 80% OF THE REG. VENTILATING AREA 16 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)	
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)	
* CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED.	
AREA I / MAIN	
VENTILATION REQUIRED:         1724         SQ. FT. / 300 =         5.75         SQ. FT.           ATTIC AREA         1724         SQ. FT. / 300 =         5.75         SQ. FT.           X 144 =         828         SQ. IN.         X 144 =         828         SQ. IN.	ISSUE DATE: 07/31/18
× 144 - 020 50. IN. × 50% = 414 50. IN.	PROJECT No.: 1350999:56 DIVISION MGR.: MCP
$\frac{HIGH}{(24)}$ LIN. FEET OF RIDGE VENT AT (18 SQ. IN./FOOT) = 432 SQ. IN.	REVISIONS: 08/29/19
LOW         (121)         Lin, feet of ventilated soffit (5 sq. in/foot) =         605         sq. in.           Total, ventilation frovided;         1037         sq. in.	2018 CODE UPDATE     NC19015NCP- 01/23/19 MCP
AREA 2 / PORCH	DIVISION REVISION 2 DIVISION REVISION NCI9005NCP- 02/28/19 MCP
VENTILATION REQUIRED:         # 228         SQ. FT. / ISO =         I.5         SQ. FT.           ATTIC AREA         # 228         SQ. FT. / ISO =         1.5         SQ. FT.           X 144 =         216         SQ. IN.         X 144 =         216         SQ. IN.	
VENTILATION PROVIDED.         40         50           (5)         LIN. FEET OF RIDGE VENT AT (18 SQ. IN./FOOT) =         90         SQ. IN.           (22)         LIN. FEET OF VENTILATED SOFFIT (5 SQ. IN./FOOT) =         140         SQ. IN.	■ <u>3</u> NC19029NCP- 04/22/19 MCP
TOTAL VENTILATION PROVIDED: 230 50. IN.	DIVISION REVISION NCI9055NCP- 08/29/19 FAE
NOTES: ALL VENT OPENINGS SHALL BE COVERED WITH 1/4" CORROSION RESISTANT METAL MESH	DIVISION REVISION S NC20017NCP- 03/03/20 KBA
RESISTANT METAL MESH. FRAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.	
ALL VENTS SHALL BE INSTALLED SO AS TO MAKE THEM WATER- PROOF & WALL MOUNTED LOUVERS SHALL BE SEALED & FLASHED W. MOISTOP" IN THE SAME MANNER PRESCRIBED FOR MINDOW	B B
INSTALLATION.	
PROVIDE APPROVED INSULATION DAMS (BAFFLES) WHERE VENT BLOCKS ARE USED BETWEEN ROOF FRAMING MENBERS TO PREVENT VENT HOLES FROM BEING BLOCKED BY INSULATION. LOCATE HIGH VENTING MINIMUM 3'-0" VERTICAL DISTANCE ABOVE	 
ECONIC HIGH VENTING MINIMUM 3-0 VENTICAL DISTANCE ABOVE HIGH GABLE END TRUSS MEMBERS BLOCK GABLE END VENTS, FROUTE ADEQUATE ADDITIONAL VENTILATION BY MEANS OF	
PROVIDE ADEQUATE ADDITIONAL VENTILATION BY MEANS OF ROOF TILE VENTS.	<b>•</b>
	PLAN:
	240.3174-R
	SHEET:
	· · · <u>3.D2</u>
	SPEC. LEVEL 1
	RALEIGH-DURHAM
	40' SERIES

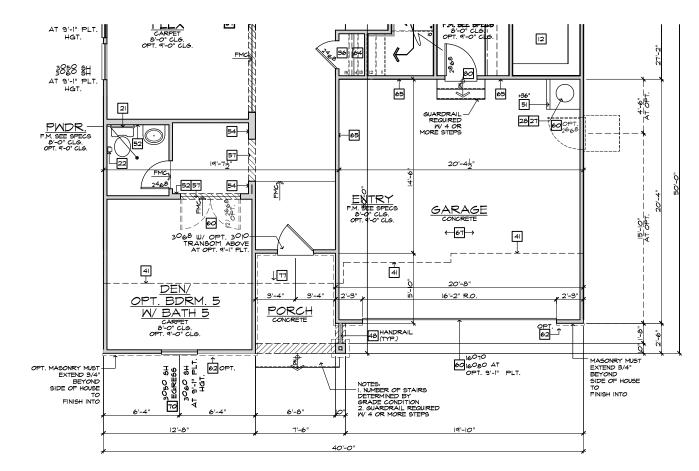


#	ELEVATION NOTES		
NO.	E: NOT ALL KEY NOTES APPLY.		
١.	ROOF MATERIAL - REFER TO ROOF NOTES		
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP		
З.	G.I. FLASHING	p	
4.	G.I. FLASHING & SADDLE/CRICKET		
5.	G.I. DRIP SCREED	_	
6.	24"x24" CHIMNEY	8	
7.	DECORATIVE VENT		I HON
8.	DECORATIVE CORBEL	8	
9.	DECORATIVE SHUTTERS		
	PEDIMENT. SEE ELEVATION FOR TYPE	_	
н.	RECESSED ELEMENT		
	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE		
	TRIM - SEE ELEVATION FOR SIZE	p	p p
	SYNTHETIC MATERIAL		
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.	в	
	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE		
	SHAKE SIDING	_	- M Se
	STONE VENEER PER SPECS	pa -	- K01
7.	BRICK/MASONRY VENEER PER SPECS		MASTER
20.	BUILT UP BRICK COLUMN	8	M <u>= 02/01/20</u>
21.	SOLDIER COURSE		
22.	ROWLOCK COURSE	p	
23.	FRIEZE BOARD		
24.	SIDING W/ 4" CORNER TRIM PER SPECS		
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE		
26.	PRE-FAB DECORATIVE TRIM	N	ORTH CA
27.	LIGHT WEIGHT PRECAST STONE TRIM	a'	
	RAILINGS (+36" U.N.O.)		40' SEI
	VINYL WRAP	_	
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.		KB HO
31.	BRACKET OR KICKER - FYPHON OR EQ.	NO NO	ORTH CAROLIN
	ENTRY DOOR		
	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.		4518 S. MIA
	SECTIONAL GARAGE DOOR PER SPECS	8	SUITE
	ALUMINUM WRAP		DURHAM, NO
	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS		TEL: (919) 7
	OPTIONAL STANDING SEAM METAL ROOF		• • •
	KEYSTONE		FAX: (919) 4
	SOLDIER CROWN	8	
40.	JACK SOLDIER COURSE		

- 41. WATER TABLE 42. ATRIM DOOR 43. PILASTER SEE ELEVATION FOR TYPE

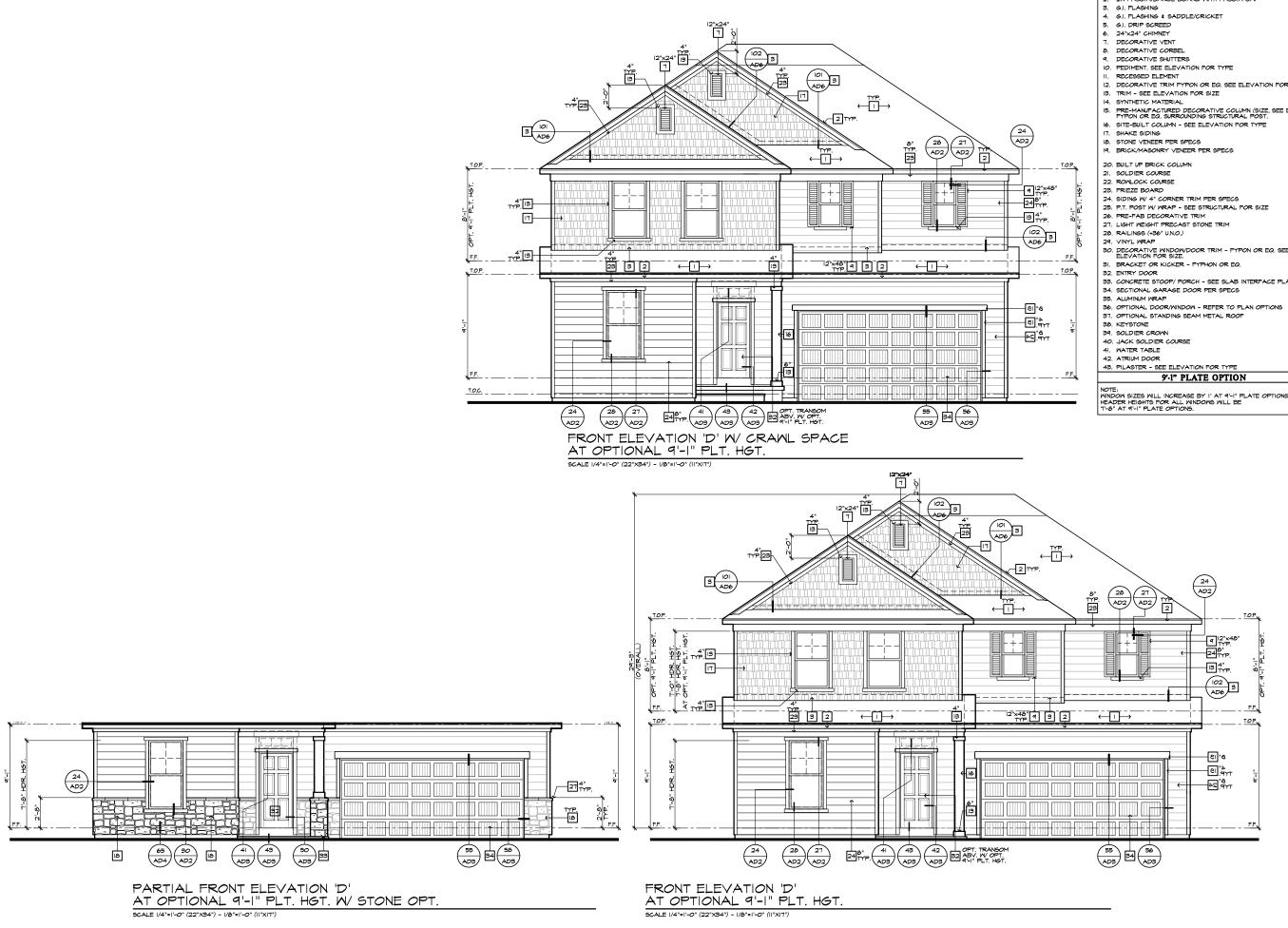




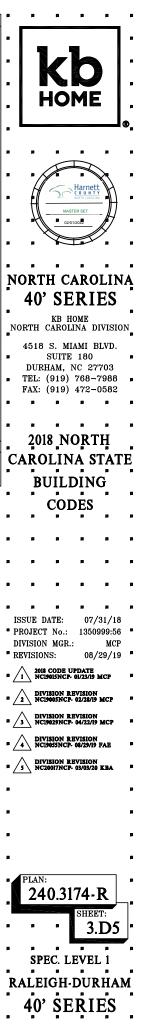


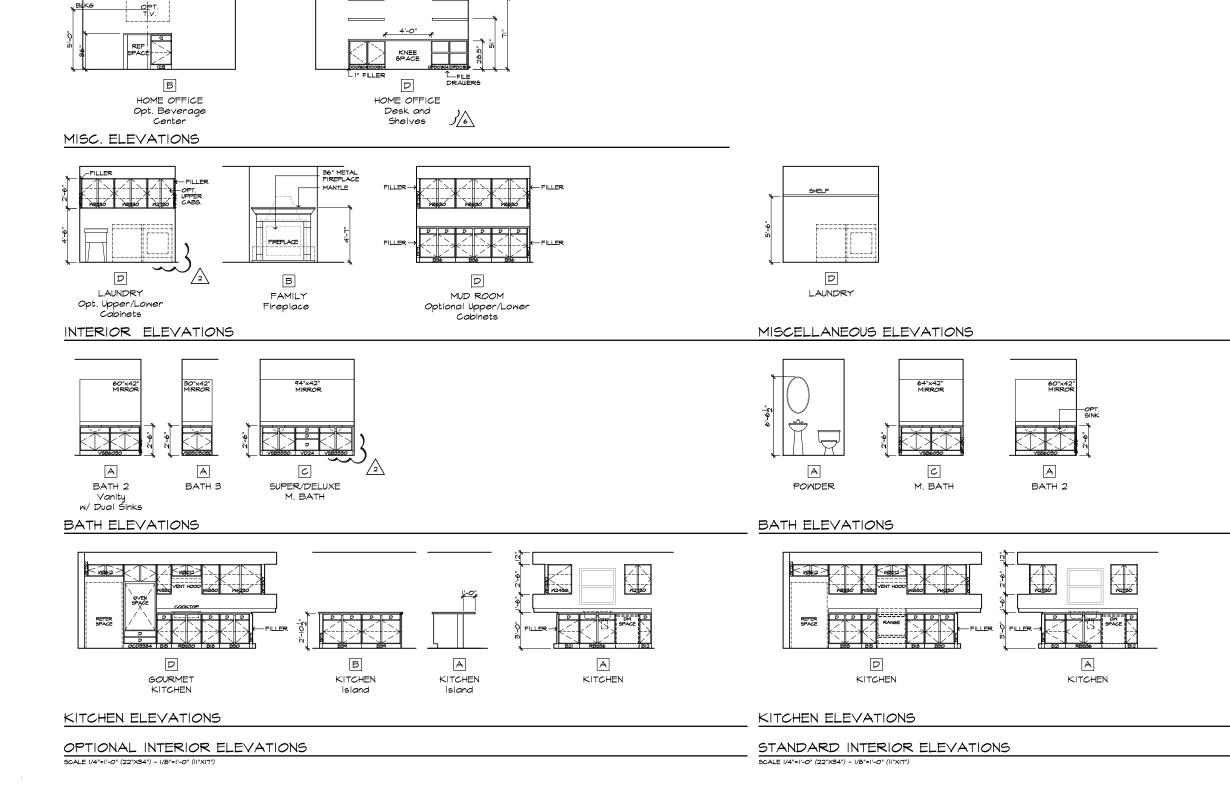
### PARTIAL FIRST FLOOR PLAN 'D' AT CRAWL SPACE

ELEVATION NOTES	
NOTE: NOT ALL KEY NOTES APPLY.	
I. ROOF MATERIAL - REFER TO ROOF NOTES	· I I '
2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP 3. G.I. FLASHING	
5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY	.   <b>IN NO  </b> .
	I HOME
8. DECORATIVE CORBEL 9. DECORATIVE SHUTTERS	
IO. PEDIMENT. SEE ELEVATION FOR TYPE	│₂ <b>└─────</b> ┛๏ <sub>╸</sub>
II.         RECESSED ELEMENT           12.         DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	
13. TRIM - SEE ELEVATION FOR SIZE	
14. SYNTHETIC MATERIAL 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
FYPON OR EQ. SURROUNDING STRUCTURAL POST. 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	
17. SHAKE SIDING	Harnett
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. SIDING W/ 4" CORNER TRIM 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. RAILINGS (+36" U.N.O.)	40' SERIES
29. VINYL WRAP	- 4V SEKIES
30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	КВ НОМЕ
31. BRACKET OR KICKER - FYPHON OR EQ.	NORTH CAROLINA DIVISION
32. ENTRY DOOR 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4518 S. MIAMI BLVD.
34. SECTIONAL GARAGE DOOR PER SPECS	B SUITE 180
35. ALUMINUM WRAP 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703
37. OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7988 ■
38. KEYSTONE 39. SOLDIER CROWN	FAX: (919) 472-0582
40. JACK SOLDIER COURSE	
4. WATER TABLE	
42. ATRIUM DOOR 43. PILASTER - SEE ELEVATION FOR TYPE	
#         PARTIAL PLAN NOTES	2018 NORTH
NOTE: NOT ALL KEY NOTES APPLY. 27. WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH	CAROLINA STATE
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
42. LINE OF FLOOR BELOW 48. MIN 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) 5. ALC 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.)	
<ul> <li>I. FRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EG. SURROUNDING STRUCTURAL POST.</li> <li>62. BRICK / STONE VENEER - REFER TO ELEVATIONS 63. SECTIONAL GARAGE DOOR PER SPECES</li> </ul>	
66. 3" DIAM, CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH	
(NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL	
TRAVEL PATH). 68. P.T. POST W/ VINYL WRAP.	ISSUE DATE: 07/31/18
70. EGRESS WINDOW 75. WINDOW LEDGE, HEIGHT & WIDTH OF OPENING TO EXTEND 6"	PROJECT No.: 1350999:56
<ol> <li>MIRLON LEUGE: HELIGE: HELIGET &amp; MILLIEGT OF CHINGE TO EXTEND &amp; BETOND WINDOW(5) ON ALL SIDES UNIO.</li> <li>SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE TT. CONCRETE SLAB. SLOPE 1(4') PER FT. MIN. SEE PLAN FOR</li> </ol>	DIVISION MGR.: MCP
SIZE.	REVISIONS: 08/29/19
	2018 CODE UPDATE NC19015NCP- 01/23/19 MCP
	DIVISION REVISION DIVISION REVISION NC19005NCP- 02/28/19 MCP
	DIVISION REVISION
	DIVISION REVISION MC19035NCP- 08/29/19 FAE
	DIVISION REVISION NC20017NCP- 03/03/20 KBA
	• •
	PLAN:
	240.3174-R
	SHEET:
	3.D4
NOTE.	SPEC. LEVEL 1
REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE	
Note	RALEIGH-DURHAM
NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE	40' SERIES

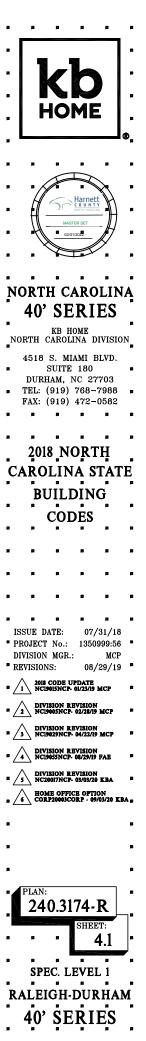


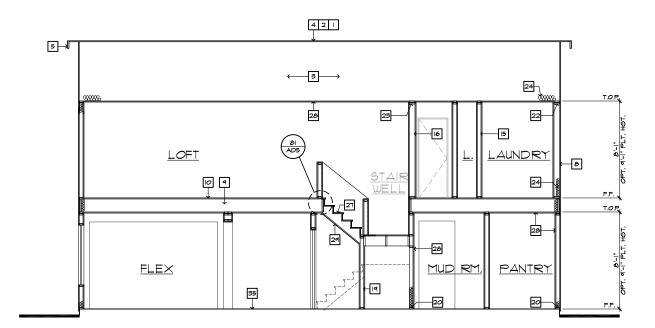
E: NOT ALL KEY NOTES APPLY.
ROOF MATERIAL - REFER TO ROOF NOTES
2X FASCIA/BARGE BOARD WITH FASCIA CAP
G.I. FLASHING
G.I. FLASHING & SADDLE/CRICKET
G.I. DRIP SCREED
24"x24" CHIMNEY
DECORATIVE VENT
DECORATIVE CORBEL
DECORATIVE SHUTTERS
PEDIMENT, SEE ELEVATION FOR TYPE
RECESSED ELEMENT
DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
TRIM - SEE ELEVATION FOR SIZE
SYNTHETIC MATERIAL
PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
SHAKE SIDING
STONE VENEER PER SPECS
BRICK/MASONRY VENEER PER SPECS
BUILT UP BRICK COLUMN
SOLDIER COURSE
ROWLOCK COURSE
FRIEZE BOARD
SIDING W/ 4" CORNER TRIM PER SPECS
P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
PRE-FAB DECORATIVE TRIM
LIGHT WEIGHT PRECAST STONE TRIM
RAILINGS (+36" U.N.O.)
VINYL WRAP
DECORATIVE WINDOWDOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
BRACKET OR KICKER - FYPHON OR EQ.
ENTRY DOOR
CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
SECTIONAL GARAGE DOOR PER SPECS
ALUMINUM WRAP
OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
OPTIONAL STANDING SEAM METAL ROOF
KEYSTONE
SOLDIER CROWN
JACK SOLDIER COURSE
WATER TABLE
ATRIUM DOOR
PILASTER - SEE ELEVATION FOR TYPE
ያ-ነ" PLATE OPTION



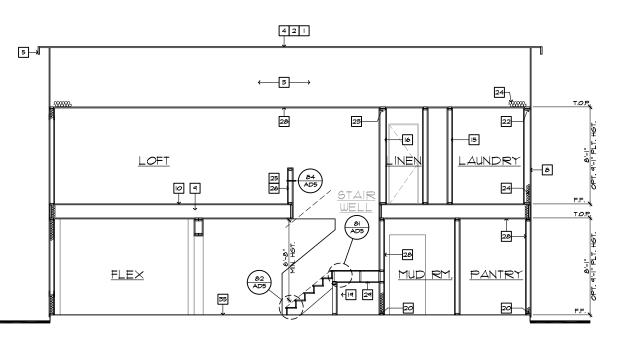


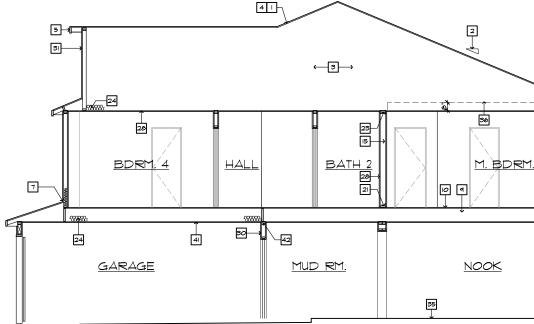
, 3'-0"





SECTION "A" SCALE |/4"=1'-0" (22"X34") - |/8"=1'-0" (11"X17") AT SLAB-ON-GRADE

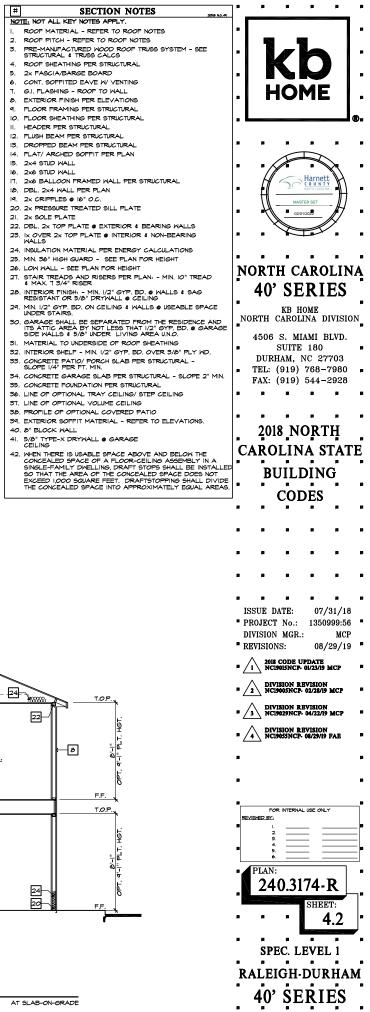


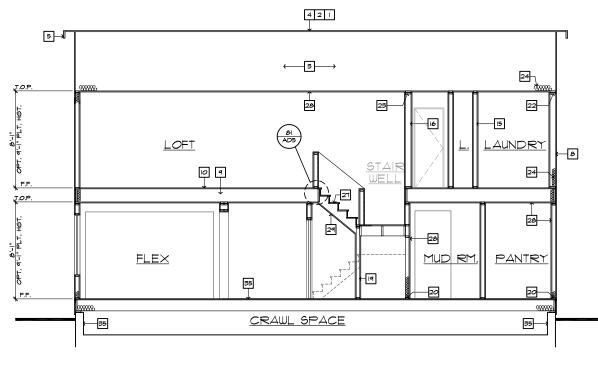


AT SLAB-ON-GRADE

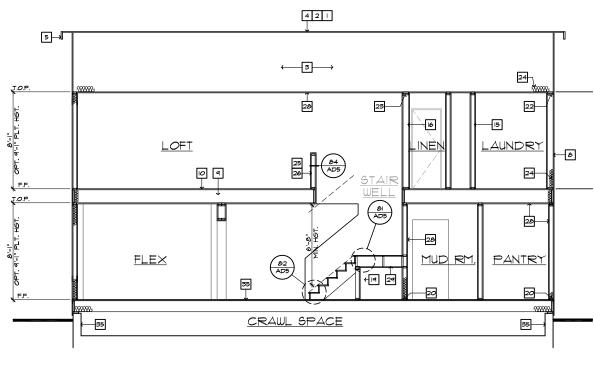
SECTION "B"

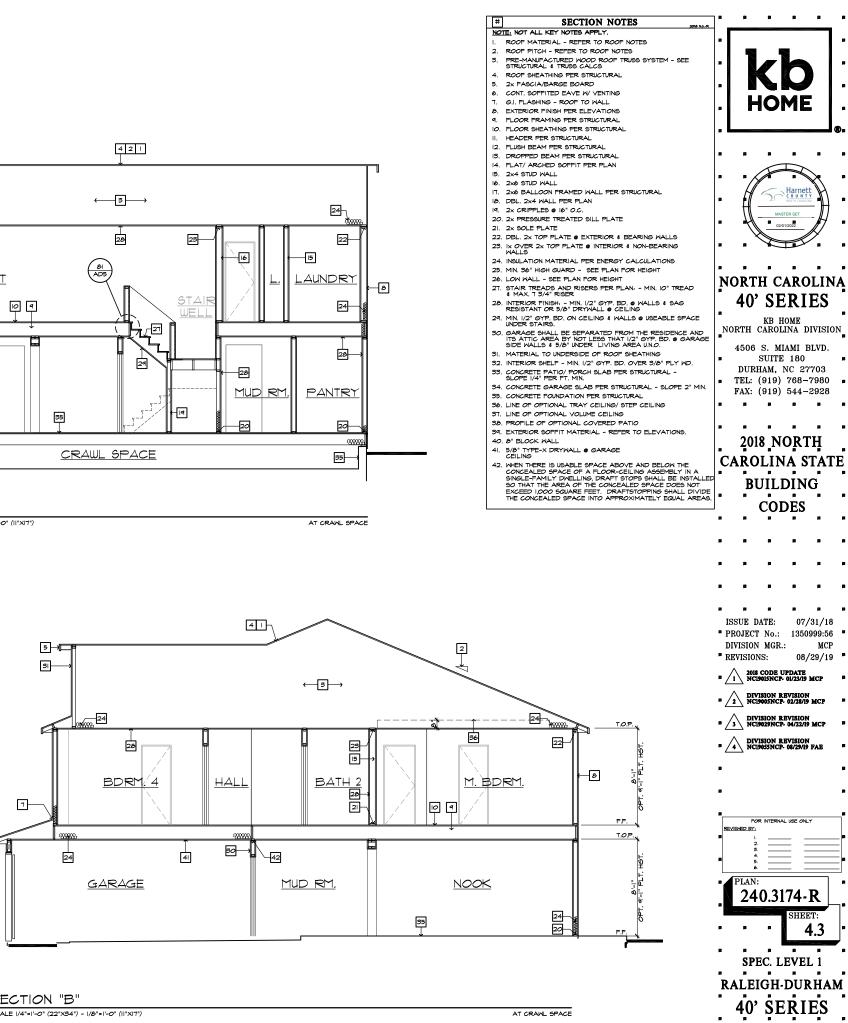
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")





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

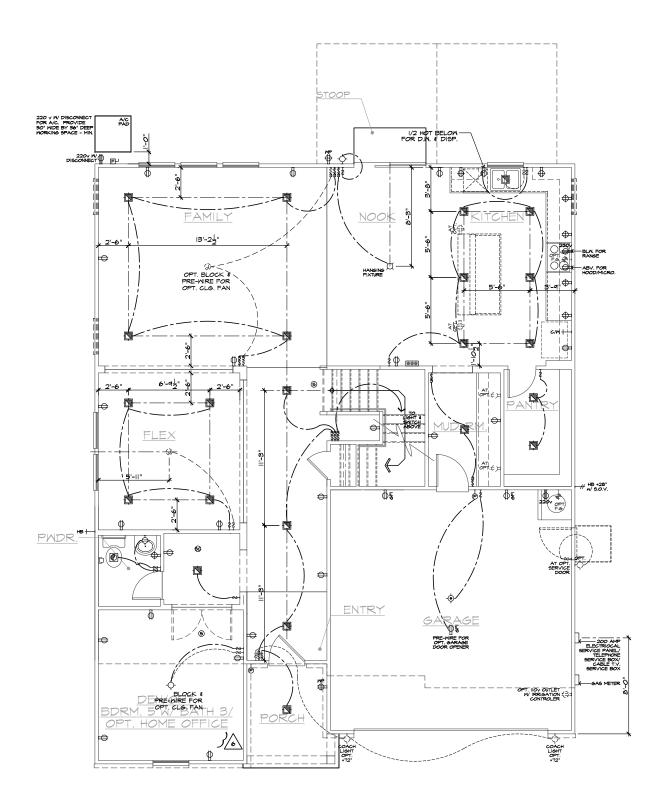




SECTION "C" SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

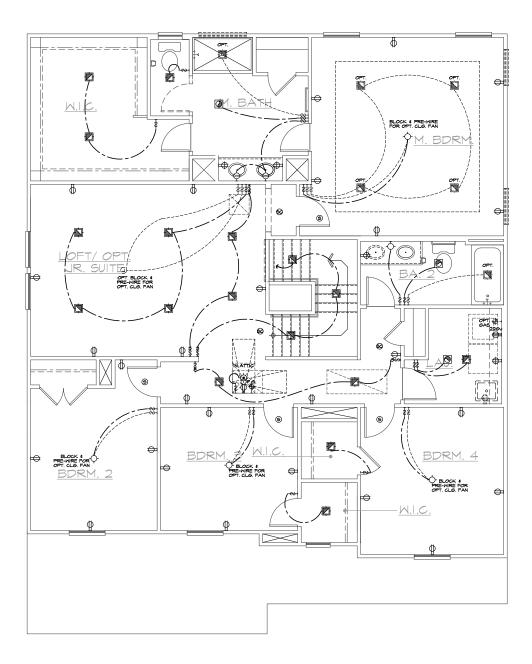
AT CRAWL SPACE

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

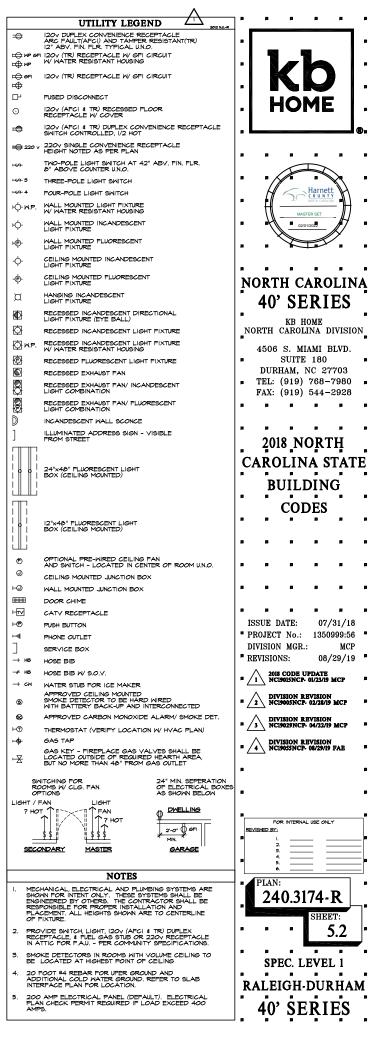


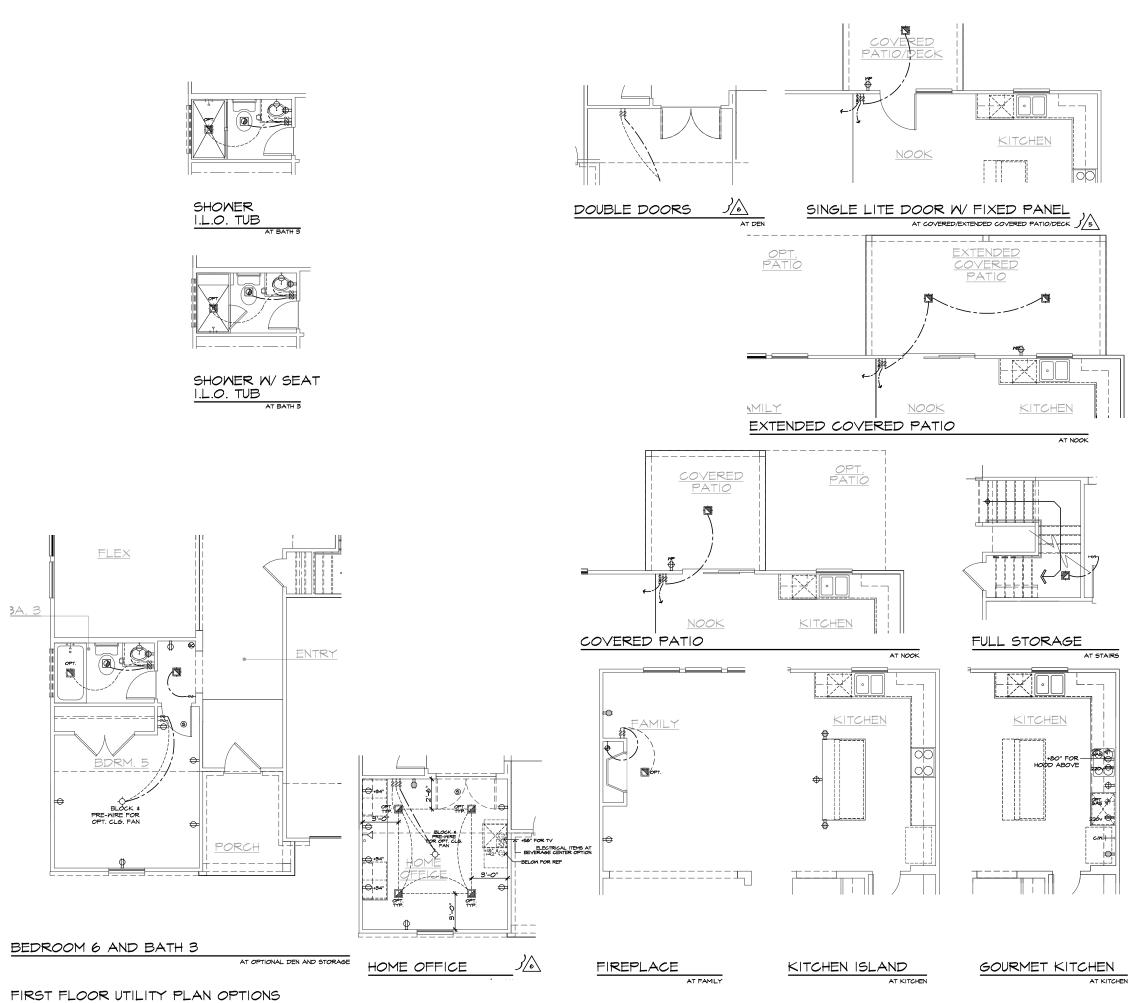
FIRST FLOOR UTILITY PLAN

	UTILITY LEGEND	
÷	ARC FAULT(AFCI) AND TAMPER RESISTANT(TR) 12" ABV. FIN. FLR. TYPICAL U.N.O.	-
다. 아마 6루	1 120V (TR) RECEPTACLE W/ GFI CIRCUIT W/ WATER RESISTANT HOUSING	
$-\Phi u$		
⊫⊖ 6FI ⊫⊕	120V (TR) RECEPTACLE W/ GFI CIRCUIT	
р.	FUSED DISCONNECT	HOME
0	1207 (AFCI & TR) RECESSED FLOOR RECEPTACLE W/ COVER	,   HVME
•		
Ð	120V (AFCI & TR) DUPLEX CONVENIENCE RECEPTACLE SWITCH CONTROLLED, 1/2 HOT	[2]
🕀 220 v	2207 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>	5" ABOVE COUNTER U.N.O. THREE-POLE LIGHT SWITCH	
<del>- 67</del> - 4	FOUR-POLE LIGHT SWITCH	Harnett
	WALL MOUNTED LIGHT FIXTURE	
	W/ WATER RESISTANT HOUSING	MASTER SET
¢-	WALL MOUNTED INCANDESCENT LIGHT FIXTURE	
¢-	WALL MOUNTED FLUORESCENT LIGHT FIXTURE	
ф	CEILING MOUNTED INCANDESCENT	
	LIGHT FIXTURE	
¢-	CEILING MOUNTED FLUORESCENT LIGHT FIXTURE	NORTH CAROLIN
α	HANGING INCANDESCENT LIGHT FIXTURE	40' SERIES
ሰ		" AN SEVIES
₽ A	RECESSED INCANDESCENT DIRECTIONAL LIGHT FIXTURE (EYE BALL)	KB HOME
∲ 	RECESSED INCANDESCENT LIGHT FIXTURE LIGHTING - TRAVERSE II LED FIXTURE - PER	NORTH CAROLINA DIVISIO
	SPECS	4518 S. MIAMI BLVD.
ф м.р.	RECESSED INCANDESCENT LIGHT FIXTURE W/WATER RESISTANT HOUSING	SUITE 180
Þ	RECESSED FLUORESCENT LIGHT FIXTURE	DURHAM, NC 27703 ■ TEL: (919) 768-7988
	RECESSED EXHAUST FAN	FAX: (919) 472-0582
8	RECESSED EXHAUST FAN/ INCANDESCENT LIGHT COMBINATION	
	RECESSED EXHAUST FAN/ FLUORESCENT	
¢ )	LIGHT COMBINATION	
	INCANDESCENT WALL SCONCE ILLUMINATED ADDRESS SIGN - VISIBLE	2018 NORTH
]	FROM STREET	CAROLINA STAT
		CAROLINA SIAI
	24"x48" FLUORESCENT LIGHT	BUILDING
	BOX (CEILING MOUNTED)	
		CODES
ļ		
	BOX (CEILING MOUNTED)	
Ш.		
۲	OPTIONAL PRE-WIRED CEILING FAN AND SWITCH - LOCATED IN CENTER OF ROOM U.N.O.	
Ø	CEILING MOUNTED JUNCTION BOX	
Ð	WALL MOUNTED JUNCTION BOX	
	DOOR CHIME	ISSUE DATE: 07/31/18
-M	CATV RECEPTACLE	PROJECT No.: 1350999:56
-®	PUSH BUTTON	DIVISION MGR.: MCP
- <b>∢</b> 1		REVISIONS: 08/29/19
_  _+ нв	SERVICE BOX HOSE BIB	A 2018 CODE UPDATE
-#нв	HOSE BIB W S.O.V.	* 1 NC19015NCP- 01/23/19 MCP
— см	WATER STUB FOR ICE MAKER	DIVISION REVISION 2 DIVISION REVISION NCI9005NCP- 02/28/19 MCP
6	APPROVED CEILING MOUNTED SMOKE DETECTOR TO BE HARD WIRED	
	SMOKE DETECTOR TO BE HARD WIRED WITH BATTERY BACK-UP AND INTERCONNECTED	DIVISION REVISION NCI9029NCP- 04/22/19 MCP
€9 -170	APPROVED CARBON MONOXIDE ALARM/ SMOKE DET. THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN)	△ DIVISION REVISION
-00 -00	THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN) GAS TAP	* 4 NCI9035NCP- 08/29/19 FAE
		DIVISION REVISION S DIVISION REVISION NC20017NCP- 03/03/20 KBA
X	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48" FROM GAS OUTLET	home office option
54	NITCHING FOR 24" MIN. SEPERATION	H 6 CORP20003CORP - 09/03/20 KB
RC	TIONS W/ CLG. FAN OF ELECTRICAL BOXES	
.IGHT / F 12 НС		
2 HC		
		1
	$\frac{\$\$}{MN} = \frac{1}{MN}	
	<u>}}</u>	
MEC		PLAN:
MEC		• 240.3174-R
I. MEC SHO ENG RES PLA	Image: State in the state i	
I. MEC SHO ENG RES PLA OF T	Image: State         Image: State<	240.3174-R
. MEC SHO ENG PLA OF T	Image: State in the state i	. 240.3174-R
I. MECO SHOG RESA OF T 2. PRCCA IN A	Image: State of the s	240.3174-R SHEET: 5.1
I. MECOGUESA BERESA F OF PREA PLA F OF PREA BE BE	Image: State in the state i	240.3174-R
I. MEC SHO ERES PLA OF T 2. PRO REC A 3. SMO BE 4 20 1	Image: State of the second s	240.3174-R SHEET: 5.1 SPEC. LEVEL 1
MECOSENESA ENGESSA POF RECA 2. PRECA 3. SMC 4. 20DIE 3. 20DIE 5. 200	THE FOR FAUL OF AUGMENT OF A CONTRACT ON A CONTRACT OF A C	240.3174-R SHEET: 5.1 SPEC. LEVEL 1 RALEIGH-DURHAN
MECOSENESA ENGESSA POLAF 2. PRECA 3. SMC BE 1. 200 4. 200 1. 200	Image: Strategy of the strategy	240.3174-R SHEET: 5.1 SPEC. LEVEL 1



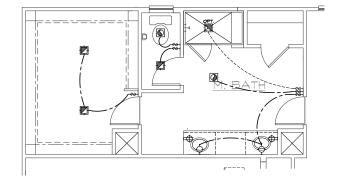
SECOND FLOOR UTILITY PLAN





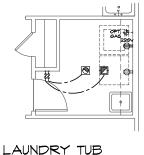
SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

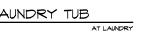
0	UTILITY LEGEND	
	120V DUPLEX CONVENIENCE RECEPTACLE	
~	ARC FAULT(AFCI) AND TAMPER RESISTANT(TR) 12" ABV. FIN. FLR. TYPICAL UN.O.	
=⊖ MP 6FI =⊕ MP	120V (TR) RECEPTACLE W/GFI CIRCUIT W/ WATER RESISTANT HOUSING	
-⊕ 6FI	120V (TR) RECEPTACLE W/ GFI CIRCUIT	
¢		
Y	FUSED DISCONNECT	
0	120v (AFCI & TR) RECESSED FLOOR RECEPTACLE W COVER	
•	120v (AFCI & TR) DUPLEX CONVENIENCE RECEPTACLE SMITCH CONTROLLED, 1/2 HOT	
	220V SINGLE CONVENIENCE RECEPTACLE	-
<b>€ 220</b> v	HEIGHT NOTED AS PER PLAN	
<del>. 69-</del>	TWO-POLE LIGHT SWITCH AT 42" ABV. FIN. FLR. 8" ABOVE COUNTER U.N.O.	
<del>- 67</del> - 8	THREE-POLE LIGHT SWITCH	
<del>-69</del> -4	FOUR-POLE LIGHT SWITCH	
ф- <b>м.</b> Р.	WALL MOUNTED LIGHT FIXTURE W/ WATER RESISTANT HOUSING	
¢	WALL MOUNTED INCANDESCENT	MASTER SET
	LIGHT FIXTURE	
¢	WALL MOUNTED FLUORESCENT LIGHT FIXTURE	
¢	CEILING MOUNTED INCANDESCENT LIGHT FIXTURE	
ሐ	CEILING MOUNTED FLUORESCENT	
¢-	LIGHT FIXTURE	NORTH CAROLIN
¤	HANGING INCANDESCENT LIGHT FIXTURE	40' SERIES
Ð	RECESSED INCANDESCENT DIRECTIONAL LIGHT FIXTURE (EYE BALL)	•
화 장	RECESSED INCANDESCENT LIGHT FIXTURE	KB HOME NORTH CAROLINA DIVISIO
₽ ⊅	LIGHTING - TRAVERSE II LED FIXTURE - PER	8
	SPECS RECESSED INCANDESCENT LIGHT FIXTURE	4518 S. MIAMI BLVD.
О́р м.р. т⊐	W/WATER RESISTANT HOUSING	<ul> <li>SUITE 180</li> <li>DURHAM, NC 27703</li> </ul>
¢ A	RECESSED FLUORESCENT LIGHT FIXTURE	■ TEL: (919) 768-7988
	RECESSED EXHAUST FAN	FAX: (919) 472-0582
Ş	RECESSED EXHAUST FAN/ INCANDESCENT LIGHT COMBINATION	
	RECESSED EXHAUST FAN/ FLUORESCENT LIGHT COMBINATION	
)	INCANDESCENT WALL SCONCE	
1	ILLUMINATED ADDRESS SIGN - VISIBLE	2018 NORTH
]	FROM STREET	CAROLINA STAT
i		
0 0	24"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)	BUILDING
i		
		CODES
4 !	12"x40" FLUORESCENT LIGHT	
	BOX (CEILING MOUNTED)	
۲	OPTIONAL PRE-WIRED CEILING FAN AND SWITCH - LOCATED IN CENTER OF ROOM U.N.O.	
0	CEILING MOUNTED JUNCTION BOX	
-0	WALL MOUNTED JUNCTION BOX	
	DOOR CHIME	ISSUE DATE: 07/31/18
-12	CATV RECEPTACLE	PROJECT No.: 1350999:56
-®	PUSH BUTTON	DIVISION MGR.: MCP
- <b>∢</b> 1		REVISIONS: 08/29/19
_ _+ нв	SERVICE BOX HOSE BIB	2018 CODE UPDATE
	HOSE BIB HOSE BIB W/ S.O.V.	<sup>1</sup> 1 NCI9015NCP- 01/23/19 MCP
-+ cm	WATER STUB FOR ICE MAKER	DIVISION REVISION 2 DIVISION REVISION NCI9005NCP. 02/28/19 MCP
	APPROVED CEILING MOUNTED	
9	SMOKE DETECTOR TO BE HARD WIRED WITH BATTERY BACK-UP AND INTERCONNECTED	DIVISION REVISION NCI9029NCP- 04/22/19 MCP
⊗	APPROVED CARBON MONOXIDE ALARM/ SMOKE DET.	A DIVISION REVISION
~	THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN) GAS TAP	A DIVISION REVISION NCI9055NCP- 08/29/19 FAE
		DIVISION REVISION
<b>\$</b>	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48" FROM GAS OUTLET	■ <u>5</u> NC20017NCP- 03/03/20 KBA
<del>∲</del> 	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48" FROM GAS OUTLET	DIVISION REVISION NC20017NCP. 63/03/20 KBA HOME OFFICE OPTION CORP20003CORP. 09/03/20 KB
◆ ★ \$	6AS LEY - FIREPLACE 6AS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48° FROM 6AS OUTLET	■ <u>/ 5</u> NC20017NCP- 03/03/20 KBA ∧ HOME OFFICE OPTION
↔ ★ SM RO OP	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48° FROM GOULLET ITCHING FOR 24" MIN. SEPERATION OMS W CLG. FAN OF ELECTRICAL BOXES TIONS AS SHOWN BELOW AN LIGHT	■ <u>/ 5</u> NC20017NCP- 03/03/20 KBA ∧ HOME OFFICE OPTION
♦ ★ \$	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48" FROM GAS OULET ITCHING FOR 24" MIN. SEPERATION OMS W CLG. FAN OF ELECTRICAL BOXES AS SHOWN BELOW AN LIGHT T↑ TT↑ FAN A DIELLING	■ <u>/ 5</u> NC20017NCP- 03/03/20 KBA ∧ HOME OFFICE OPTION
↔ ★ SM RO OP	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48° FROM GOULET ITCHING FOR ONS W CLG. FAN TONS V CLG. F	■ <u>/ 5</u> NC20017NCP- 03/03/20 KBA ∧ HOME OFFICE OPTION
♦ X SWROP IGHT / F ½ HO	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48' FROM GAULET ITCHING FOR ONG W CLG. FAN TONS AN LIGHT TONS AN LIGHT TONS AN LIGHT TONS AN LIGHT TONS AN LIGHT TONS AN LIGHT TONS AN LIGHT TONS AN LIGHT TONS AN LIGHT TONS AN LIGHT	■ <u>/ 5</u> NC20017NCP- 03/03/20 KBA ∧ HOME OFFICE OPTION
◆ ★ SWROP LIGHT / F ½ HO	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48' FROM GOULET ITCHING FOR OMS W CLG. FAN TONS W CLG. FAN T	■ <u>/ 5</u> NC20017NCP- 03/03/20 KBA ∧ HOME OFFICE OPTION
SW RCOP LIGHT / F ½ HO SECC	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48' FROM GOULET ITCHING FOR OMS W/ CLG. FAN THOMS W/ CLG. FAN TONS W/ CLG. FAN	■ <u>/ 5</u> NC20017NCP- 03/03/20 KBA ∧ HOME OFFICE OPTION
◆ SW RCOP LIGHT / F ½ HO SECC	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48' FROM GOULET ITCHING FOR OMS W/ CLG. FAN THOMS W/ CLG. FAN TONS W/ CLG. FAN	<ul> <li>S NC200ITNCP: 03/03/20 EBA</li> <li>HOME OFFICE OFTION CORP20003CORP - 09/03/20 EB</li> <li>PLAN:</li> </ul>
	ASS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 40° FROM GAS OUTLET ITCHING FOR 24" MIN. SEPERATION OF ELECTRICAL BOXES AN LIGHT TOPS AS SHOWN BELOW AN ASTER 6ARAGE NOTES NATER 6ARAGE NOTES	A C200ITNCP: 03/03/20 EBA     A CORP20003CORP - 09/03/20 EB     CORP20003CORP - 09/03/20 EB     A
RO OP LIGHT / F ½ HO SECCO SHOO ENSIS REST PLAC	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48' FROM GAS OUTLET ITCHING FOR OMB W CLG. FAN TOOMS TOOMS OF ELECTRICAL BOXES AS SHOWN BELOW AND FAN TOOMS W CLG. FAN TOOMS OF ELECTRICAL BOXES HOW BELOW TOOMS OF ELECTRICAL BOXES HANCAL, ELECTRICAL AND PLUMBING SYSTEMS ARE IN FOR INTENT ONLY. THESE SYSTEMS SHALL BE	PLAN: 240.3174-R
	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48' FROM GAS OUTLET ITCHING FOR OWS W CLG. FAN THONS AN LIGHT THONS AN LIGHT THONS AN LIGHT THONS AN LIGHT THONS MASTER CARAGE NOTES HANICAL ELECTRICAL AND PLUMBING SYSTEMS ARE NN FOR INTENT ONLY. THESE SYSTEMS SHALL BE ONSIDLE FOR PROFER INSTALLATION AND DEMENT. ALL HEIGHTS SHOWN ARE TO CENTERLINE INTERED.	<ul> <li>2 1 NC20017NCP- 03/03/20 EBA</li> <li>A HOME OFFICE OPTION</li> <li>CORP20009CORP - 09/03/20 EB</li> <li>PLAN:</li> <li>240.3174-R</li> </ul>
↔ SWOP LIGHT / F ½ HO SECO SECO SECO SECO SECO SECO SECO SEC	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48' FROM GAS OUTLET ITCHING FOR OMB W CLG. FAN TOOMS W CLG. F	PLAN: 240.3174-R 5.3
	AS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 40° FROM GAS OUTLET ITCHING FOR OMS WY CLG. FAN OF ELECTRICAL BOXES AN TODS A	PLAN: 240.3174-R SHEET: 5.3
Swoop Free Coolse Free Coolse Free Coolse Free Coolse Free Coolse Free Free Free Free Free Free Free Fr	AS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48' FROM GAS OUTLET ITCHING FOR 24" MIN. SEPERATION OF ELECTRICAL BOXES AN OF ELECTRICAL BOXES AS SHOWN BELOW MASTER 6ARAGE NOTES HANICAL, ELECTRICAL AND PLUMBING SYSTEMS ARE IN FOR INTENT ONLY. THESE SYSTEMS SHALL BE MANICAL, ELECTRICAL AND PLUMBING SYSTEMS ARE IN FOR INTENT ONLY. THESE SYSTEMS SHALL BE COMMUNICAL BELCONTRACTOR SHALL BE COMMUNICAL BELCONTRACTOR SHALL BE COMMUNICAL BELCONTRACTOR SHALL BE SHOWN ARE TO CENTER LINE SYSTEMS. CONTRACTOR SHALL BE COMMUNICAL FLOOD SHOWN ARE TO CENTERLINE SYSTEMS. VIDE SWITCH, LIGHT, 120V (AFCI & TR) DUPLEX EFTACLE & FUEL GAS STUB OR 220V RECEPTACLE ETTACLE AL HEIGHTS FINDING TO CELLING TO FOR TAU PERC COMMUNITY SPECIFICATIONS. KED DETECTORS IN ROOMS WITH VOLUME CELLING TO LOCATED AT HIGHEST POINT OF CELLING TO THA REBAR FOR UFER GROUND AND	PLAN: 240.3174-R 5.3
	AS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 40° FROM GAS OUTLET ITCHING FOR OMS WY CLG. FAN OF ELECTRICAL BOXES AN TODS A	PLAN: 240.3174-R SHEET: 5.3 SPEC. LEVEL 1
SK ROP     SKOP     SKOP	AS LEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48' FROM GAS OUTLET ITCHING FOR 24" MIN. SEPERATION OF ELECTRICAL BOXES AN LIGHT TOPS AS SHOWN BELOW MASTER 24" MIN. SEPERATION OF ELECTRICAL BOXES AN LIGHT FAN AS FOR DESTINATION SARAGE NOTES HANICAL, ELECTRICAL AND PLANDING SYSTEMS ARE NOTES HANICAL, ELECTRICAL AND PLANDING SYSTEMS ARE NOTES HANICAL, ELECTRICAL AND PLANDING SYSTEMS ARE NOTES SHALL BE NORED BY OTHERS. THE CONTRACTOR SHALL BE NONBLE FOR PROFER INSTALLATION AND EMERTED BY OTHERS. THE CONTRACTOR SHALL BE PONSIBLE FOR PROFER INSTALLATION AND EMERT ALL HEIGHT SHOWN ARE TO CENTELINE INTERE. VIDE SWITCH, LIGHT, IZOV (AFCI & TR) PUPLEX EFTACLE, & FILE GAS STOR DO R2 20V, RECEPTACLE TIC FOR FAJL. PER COMMUNITY SPECIFICATIONS, KE DETECTORS IN ROOMS WITH VOLUME CELING ICOATED AT INSTALLS	PLAN: 240.3174-R SHEET: 5.3



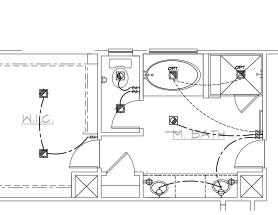
DELUXE M. BATH

AT M. BATH









SUPER M. BATH

AT M. BATH

SECOND FLOOR UTILITY PLAN OPTIONS SCALE I/4"=I'-0" (22"X34") - I/8"=I'-0" (II"XI7")

- 20

AT BATH 2

AT BATH 2

-13

AT BATH 2

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VANITY W/ DUAL SINKS

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SHOWER

I.L.O. TUB

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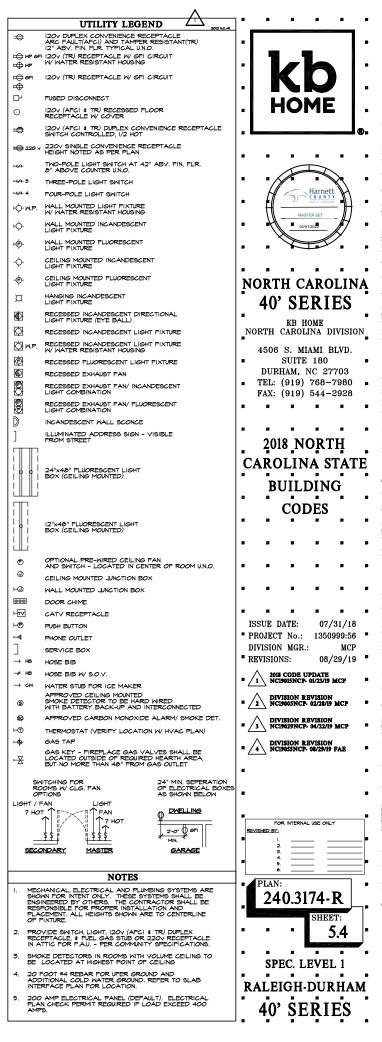
SHOWER W/ SEAT

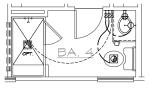
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I.L.O. TUB

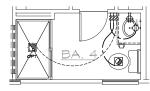
€O7

BASIC PLAN

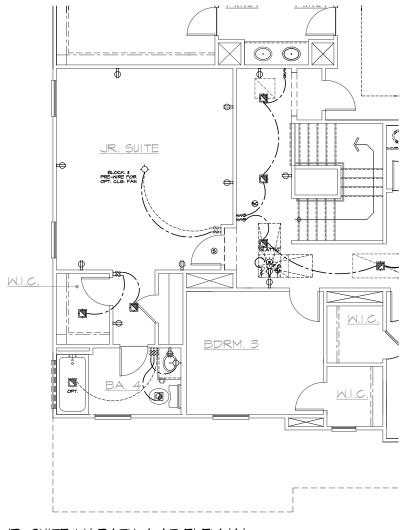




#### SHOWER 11 O TIB 34"x48" SHOWER W/ SEAT 1.L.O. TUB AT BATH 4

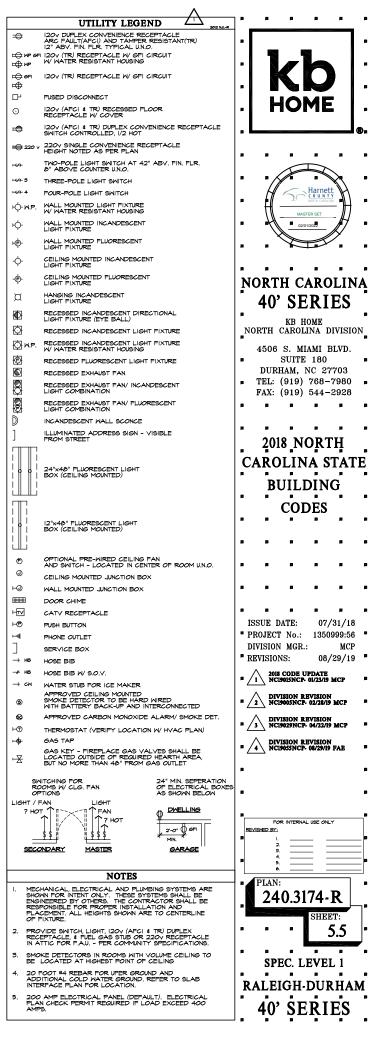


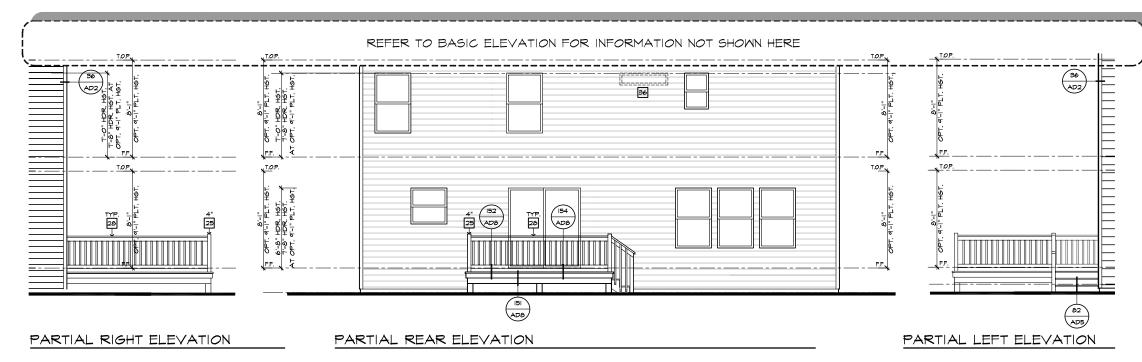
34"x60" SHOWER I.L.O. TUB

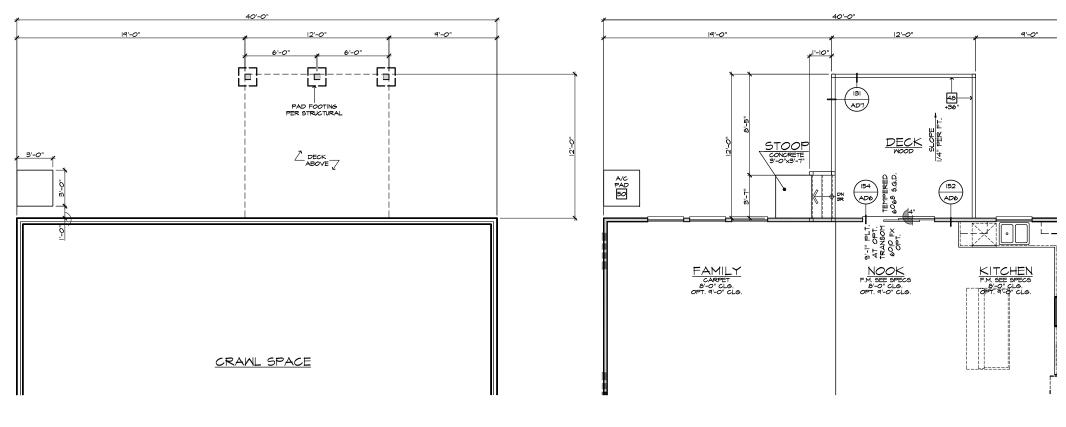


AT LOFT / BORM, 2

JR. SUITE W/ BATH 4 AT ELEV 'A'





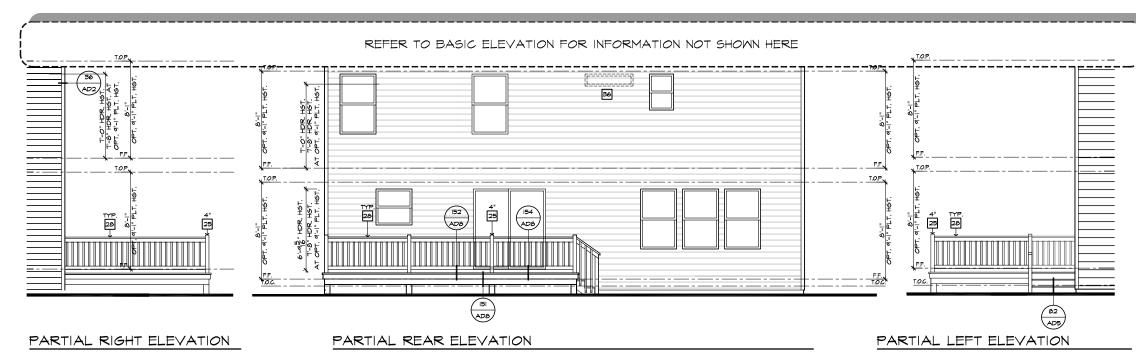


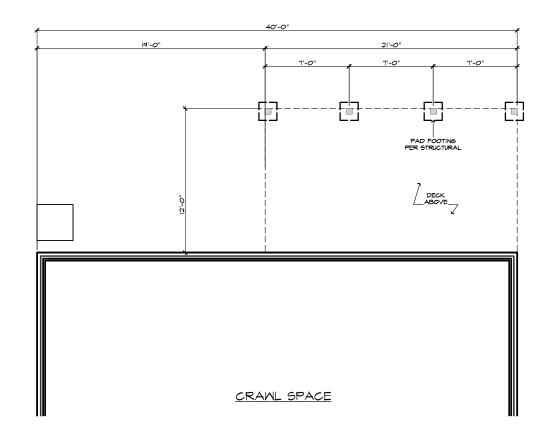
PARTIAL CRAWL SPACE PLAN

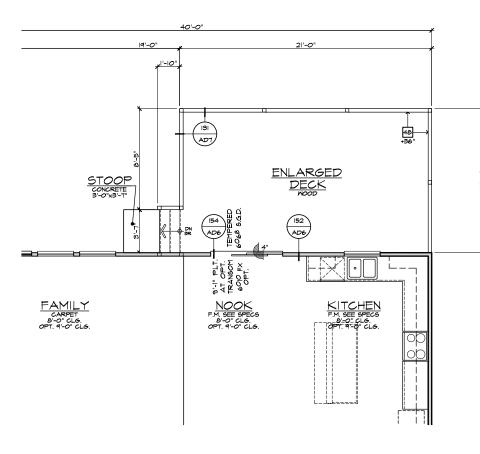
PARTIAL FIRST FLOOR PLAN

121X121 DECK 1A/B/C/D1 AT CRAML SPACE scale 1/4\*=1-0\* (22\*X34\*) - 1/8\*=1-0\* (11\*X1\*)

<u>#</u>	ELEVATION NOTES	
1.	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. 6.	G.I. DRIP SCREED 24"x24" CHIMNEY	
л.	DECORATIVE VENT	HOME
8. 9	DECORATIVE CORBEL DECORATIVE SHUTTERS	
ч. 10.	PEDIMENT. SEE ELEVATION FOR TYPE	
÷	RECESSED ELEMENT	
2. 3.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE TRIM - SEE ELEVATION FOR SIZE	
4.	SYNTHETIC MATERIAL	
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.	
16. 17	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE SHAKE SIDING	Harnett
	STONE VENEER PER SPECS	
19.	BRICK/MASONRY VENEER PER SPECS	AASTER SET
	BUILT UP BRICK COLUMN	
	SOLDIER COURSE ROWLOCK COURSE	
23.	FRIEZE BOARD	
	SIDING W/ 4" CORNER TRIM PER SPECS P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE	
26.	PRE-FAB DECORATIVE TRIM	NORTH CAROLINA
	LIGHT WEIGHT PRECAST STONE TRIM RAILINGS (+36" U.N.O.)	
	KAILINGS (+36" U.N.O.) VINYL WRAP	40' SERIES
30.	DECORATIVE WINDOWDOOR 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.	4518 S. MIAMI BLVD.
34.	SECTIONAL GARAGE DOOR PER SPECS	SUITE 180
	ALUMINUM WRAP OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703
	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7988
	KEYSTONE SOLDIER CROWN	FAX: (919) 472-0582
	JACK SOLDIER COURSE	
	WATER TABLE ATRIUM DOOR	
	PILASTER - SEE ELEVATION FOR TYPE	2018_NORTH
#	PARTIAL PLAN NOTES	
<u>NO1</u> 27.	E. NOT ALL KEY NOTES APPLY. WATER HEATER LOCATION - FOR GAS - LOCATE ON ID" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN, REFER TO DETAILS) WATER HEATER BUYDEN TO OUTSIDE AIR WATER HEATER BUYDEN TO OUTSIDE AIR	CAROLINA STATE
	PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO DETAILS) WATER REFER TO DETAILS)	
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	BUILDING
39. 41.	VALVE HALL BELOW LINE OF FLOOR ABOVE LINE OF FLOOR ABOVE	CODES
400	MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) A/C PAD LOCATION	
51. 52.	LOW WALL - REFER TO PLAN FOR HEIGHT 2x6 STUD WALL	
54. 55.	DBL. 2x4 WALL PER PLAN INTERIOR SHELF - REFER TO PLAN FOR HEIGHT	
57. 58. 60.	FLAT SOFFIT ARCHED SOFFIT OPT. DOOR/ WINDOW	
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) PYPON OR EQ. SURROUNDING STRUCTURAL POST. BRICK / STONE VENEER - REFER TO ELEVATIONS	
62. 63.	SECTIONAL GARAGE DOOR PER SPECS	
66.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR	
	APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL	
68. 70.	TRAVEL PATH). P.T. POST W VINYL WRAP. EGRESS MINDOM	ISSUE DATE: 07/31/18
75.	MINDOW LEDGE HEIGHT & MIDTH OF OPENING TO EXTEND 4"	PROJECT No.: 1350999:56
76. 77.	BEYOND HINDOWS) ON ALL SIDES UNO. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB, SLOPE 1/4" PER FT. MIN. SEE PLAN FOR	DIVISION MGR.: MCP
	SIZE.	REVISIONS: 08/29/19
		2018 CODE UPDATE NC19015NCP- 01/23/19 MCP
[#]	FOUNDATION PLAN NOTES	
	E: NOT ALL KEY NOTES APPLY.	<sup>B</sup> <u>2</u> NC19005NCP- 02/28/19 MCP <sup>1</sup>
١.	CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.	DIVISION REVISION
2.	CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1-0" MIN. TOWARD DOOR OPENING.	
з.	FOUNDATION PER STRUCTURAL.	DIVISION REVISION NCI9055NCP- 08/29/19 FAE
4. 5.	STAIR LANDING: 36"x36" MIN. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY	
	FROM GARAGE DOOR OPENING.	S NC20017NCP- 03/03/20 KBA
6.	PROVIDE UNDER FLOOR VENTILATION	
7. 8.	4" TOE KICK FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH	- '
	WITH MIN. 12" EMBEDMENT INTO CONCRETE.	• •
٩.	REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.	
10.	VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL	a
п.	4" MIN. 7 3/4" MAX. TO HARD SURFACE.	
12. 13.	A/C PAD. VERIFY LOCATION. CRAWL SPACE ACCESS	- '
15. 14.	36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.	PLAN:
<b>N</b>	F. RC 2019-10-7	240.3174-R
	CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION	
R40 THE	99. CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER	SHEET:
NC-	R SECTION R409.2.	_ · · · /.l
NOT		
REF	E: Er to basic <u>elevations</u> for information not WN HERE	SPEC. LEVEL 1
	E. Er to basic <mark>Eloor Plan</mark> for information not Win HERE	
SHC	WN HERE	RALEIGH DURHAM
		40' SERIES







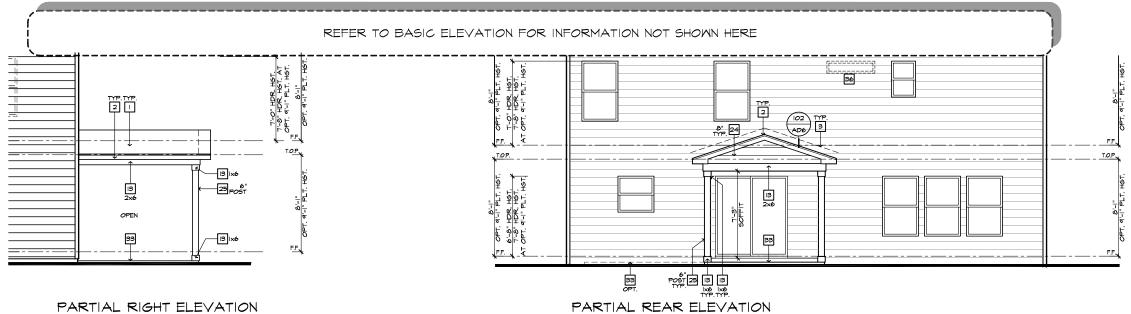
### PARTIAL CRAWL SPACE PLAN

PARTIAL FIRST FLOOR PLAN

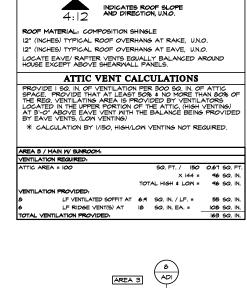
ENLARGED DECK 'A/B/C/D' AT CRAWL SPACE

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

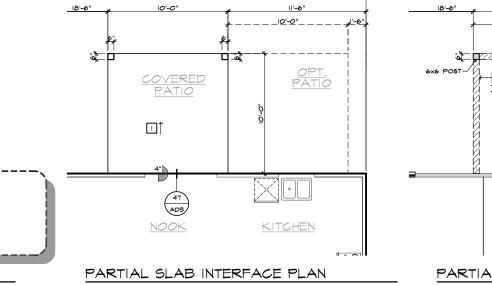
	#		
	100		
	2.		
	З.		
	10.		
	4.		
	15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
	16		• • <b>/ •</b> • <b>\</b> •
			Harnett
			NORTH CAROLINA
	19.	BRICK/MASONRY VENEER PER SPECS	MASTER SET
	20.	BUILT UP BRICK COLUMN	
	21.	SOLDIER COURSE	
	1		
			NORTH CAPOLINA
	1		a a
			40' SERIES
23. EUNEY DOOR       32. EUNEY DOOR         33. CONCERT STOOP PORCH - SEE SLAB INTERFACE PLAN.         34. CONCERT STOOP PORCH - SEE SLAB INTERFACE PLAN.         35. CONCERT STOOP PORCH - SEE SLAB INTERFACE PLAN.         36. CONCERT STOOP PORCH - SEE SLAB INTERFACE PLAN.         36. CONCERT STADIES SEAM METAL ROOT         36. CONCERT STADIES SEAM METAL ROOT         36. ALMINIM KAPA         36. CONCERT STADIES SEAM METAL ROOT         36. ALMINIM KAPA         36. CONCERT STADIES SEAM METAL ROOT         37. MAIL DOOR         38. KEYSTONE         39. ILLIES OF ALLEY MOTES         37. MAIL LIES STADIES SEAM METAL ROOT SEAM         38. KEYSTONE         39. ILLIES OF ALLEY MOTES SEAM METAL ROOT SEAM         39. ILLIES OF ALLEY METAL ROOT TO CONSTRUCT SEAM         39. ILLIES OF ALLEY METAL ROOT HOR TYPE         30. CONCERT SEAM ALL REFER TO PLAN FOR HEIGHT         30. ALMINE SHULF DE YALL TO COLON THE SEAM SEAM SEAM ALL REFER TO PLAN FOR HEIGHT         30. ALMINE SHULF DE YALL REFER TO PLAN FOR HEIGHT         30. ALMINE SHULF DE YALL REFER TO PLAN FOR HEIGHT         30. ALMINE SHULF DE YALL ROOT HEIGHT SHULF ROOT HEIGHT         30. ALMINE SHULF REFER TO PLAN FOR HEIGHT         30. ALMINE SHULF REFER TO PLAN FOR HEIGHT         30. ALMINE SHULF REFER TO PLAN FOR HEIGHT         30. ALMINE SHUL	50.	ELEVATION FOR SIZE.	
B. COURSET: STOOP VPCK-I - SEE SLAB INTERFACE FLAN. B. SECTIONAL SARAGE DOCKNERE PERSON B. SECTIONAL SARAGE DOCKNERE B. ALLYINGM VRAF B. COPTIONAL STANDISS SEAM METAL ROOT B. COPTIONAL STANDISS SEAM METAL ROOT B. COPTIONAL STANDISS SEAM METAL ROOT B. KEYSTORE B. SECTIONE B. COPTIONAL STANDISS SEAM METAL ROOT B. KEYSTORE B. SECTIONE B. COPTIONAL STANDISS SEAM METAL ROOT B. KEYSTORE B. SECTIONE B. COPTIONAL STANDISS SEAM METAL ROOT B. COPTIONAL STANDISS SEAM METAL ROOT B. SECTIONE B. COPTIONAL STANDISS SEAM METAL ROOT B. COPTIONAL STANDISS SEAM METAL ROOT B. COPTIONAL STANDISS SEAM METAL ROOT B. COPTIONAL SECTION FOR TYPE B. COPTIONAL SECTION FOR TYPE B. COPTIONAL SECTION FOR TYPE B. COPTIONAL SECTION FOR TYPE B. COPTIONAL SECTION FOR TYPE SEAM B. COPTIONAL SECTION FOR TYPE SEAM FOR HEIGHT B. COPTIONAL SECTION FOR TYPE SEAM FOR STRUCTURAL SUCH C. COPTERE TRUE SEAM SEAM FOR THE FOR THE SEAM FOR B. CONCERNE THE SEAM FOR STRUCTURAL SUCH B. CONCERNE SEAM SEAM FOR THE STRUCTURAL SUCH B. SEAM SEAM FOR THE STRUCTURAL SUCH SEAM SEAM FOR B. STANDARD FOR THE STRUCTURAL SUCH SEAM SEAM FOR B. STANDARD FOR THE STRUCTURAL SUCH SEAM FOR B. STANDARD FOR THE STRUCTURAL SUCH SEAM SEAM FOR B. STRUCTURAL B. SCHEMERT FOR STRUCTURAL SUCH SEAM SEAM FOR B. STRUCTURAL B. SCHEMERT STANDARD SEAM FOR THE STRUCTURAL SUCH SEAM SEAM B. STRUCTURAL B. SCHEMERT STANDARD SEAM FOR THE STRUCTURAL SUCH SEAM SEAM B. STRUCTURAL B. SCHEMERT SCHEMERT FOR THE STRUCTURAL SUCH SEAM SEAM FOR B. STRUCTURAL B. SCHEMERT STANDARD SEAM FOR STRUCTURAL SUCH SEAM SEAM B. SCHEMERT STANDARD SEAM FOR THE STRUCTURAL SUCH SEAM S			NORTH CAROLINA DIVISION
94. SECTIONAL SARABE DOOR PER SPECS         35. ALLINIM WARE         96. OPTIONAL DOORNINGON - RETER TO PLAN OPTIONS         97. OPTIONAL DOORNINGON - RETER TO PLAN OPTIONS         98. SOLDIER COVIN         99. SOLDIER COVIN         99. SOLDIER COVIN         99. PLASTER - SEE ELEVATION FOR TYPE         11. MATER HEATER LOCATION - TOR GAGS - LOCATE ON 19 HIGH         12. MATER HEATER LOCATION - TOR GAGS - LOCATE ON 19 HIGH         13. WARE HEATER OF DETAILS CONTING - TOR GAGS - LOCATE ON 19 HIGH         14. HIGH DOOR         15. SOLDIER CONTER - SEE ELEVATION FOR TYPE         16. MATER HEATER OF DETAILS HEATER         17. MATER HEATER OF DETAIL ON OTHER AT         18. WARE HEATER OF DETAIL ON OTHER AT         19. WARE HEATER OF TO PLAN FOR HEIGHT         10. MATER HEATER OF TO PLAN FOR HEIGHT         11. HIGH OF THOSE AND         12. SO STOLL WELLER         13. WARE HEATER OF TO PLAN FOR HEIGHT         14. TO EXAMPTER OF TO PLAN FOR HEIGHT         16. SECONDA HEATER OF TO PLAN FOR HEIGHT         16. SECONDA HEATER OF TO PLAN FOR HEIGHT         17. DOOR THANGONG ON ALL STOLE ON THE OFTER OFTER         18. WINGON LEDGER - HEIGHT & NOTHOR DELEVATION         19. PROMOKED AT ELECTR AND THE SOLDIAL STELE         19. PLANETER SALABLE STRUCTURAL- SLOPE HANG         19. WARE			
B. ALVINIM REAP B. ALVINIM REAP B. ALVINIM REAP B. ACCORDING SEAM HETAL ROOF B. OPTIONAL STADIUS SEAM HETAL ROOF B. ACTION FOR THE LOATION FOR THE LEVATION F			
Be OPTIONAL DECOMPAGE AND PARENT ROOT     Section PARENT ROOT     Section ROOT     Se	1		
Solutions       Construct         Solutions <th>36.</th> <th>OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS</th> <th></th>	36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	
94. SOLDER CAONN         40. JACK SOLDER CORRE         41. WATER TABLE         24. ATEM POOR         43. PILLASTER - SEE LEVATION FOR TYPE         21. DATE NOAL, KEY MOTE APPLY.         22. DATE NOAL, KEY MOTE APPLY.         22. DATE NOAL, KEY MOTE APPLY.         22. DATE NOAL, KEY MOTE APPLY.         23. DATE NOAL, KEY MOTE APPLY.         24. DATE NOAL, KEY MOTE APPLY.         25. DATE NOAL, KEY MOTE APPLY.         25. DATE NOAL, KEY MOTE NOAL (KEYER TO DETAIL SHEETS)         26. DATE NOAL, KEYER TO PLAN FOR HEIGHT         27. MALE STATE CONCENTRAL         28. MOTE NOAL, KEYER TO PLAN FOR HEIGHT         29. DATE CONCENTRAL         20. DATE NOAL, KEYER TO PLAN FOR HEIGHT         20. DATE NOAL, KEYER TO PLAN FOR HEIGHT         20. DATE NOAL APPLY.         20. CONCERT PART APPLY.         20. CONCERT PART APPLY.         20. CONCERT PART APPLY.			
<ul> <li>do. Jock SOLDIER COURSE</li> <li>4. NATE NALE ADE (2000)</li> <li>4. NATE NALE SET ELEVATION FOR TYPE</li> <li>2. PREVATE: SET ELEVATION FOR TYPE</li> <li>2. PREVATE: SET ELEVATION FOR TYPE</li> <li>2. OTHER ADDRESS AND LOCATION FOR TYPE</li> <li>3. DATE: NEATER SET ELEVATION FOR TYPE (2010)</li> <li>4. THE CARE DEVALUATION FOR THE ENTER THE CARE DEVALUATION OF SUPERING STRUCTURAL SLOPE (2010)</li> <li>4. THE CARE DEVALUATION FOR THE STRUCTURAL SLOPE (2010)</li> <li>4. THE CARE DEVALUATION FOR THE THE THE THE THE THE THE THE THE THE</li></ul>			FAX: (919) 472-0582
<ul> <li>44. ATTER TABLE</li> <li>42. ATELINDOR</li> <li>43. ATELINDOR</li> <li>44. PILASTER - SEE LEVATION FOR TYPE</li> <li>45. MARKEN LANDRA APPLY.</li> <li>46. THE OF ALL PERFORMED APPLY.</li> <li>47. THE TABLE SECTION FOR THE COLOR TO AFFECT AND AND THE COLOR AND AND AND AND AND AND AND AND AND AND</li></ul>			
42. ATELIAN DOOR       2018 NORTH         43. PILLASTE, NOT ALL PLAN NOTES       Same         MOTEL, NOT ALL REPLOY       Same         MOTEL, NOT ALL REPLOY       Same         20.10 ATELIANT, CONTERATIVE       Same         21.10 CONTERATIVE       Same         22.11 CONTERATIVE       Same         23.11 CONTERATIVE       Same         24.11 CONTERATIVE       Same         25.12 CONTERT CONTERCISCONTO       Same         26.12 CONTERT CONTERCISCONTO       Same         27.11 CONTERT CONTERCISCONTO       Same         28.11 CONTERT CONTERCISCONTO       Same         29.11 CONTERT CONTERTIONED FORMULAR CONTERTIONED CONTERTIONS       Same         20.12 CONTERT CONTERTIONED FORMULAR CONTERTIONS       Same         20.13 STORED CONTERTIONED FORMULAR CONTERTIONS       Same         20.14 CONTERTION FORMULAR CONTERTIONS       Same         20.15 STORED CONTERTIONS       Same         20.16 CONTERTION FORMULAR CONTERTIONS       Same         20.17 CONTERTION FORMULAR CONTERTIONS       Same         20.18 CONCRETT ELLOATED OF CONTERTIONS       Same         20.19 CONCRETT ELLOATED CONTERTIONS       Same         20.11 COLONG FORMULAR CONTERTIONS       Same         20.11 COLONG FORMULAR CONTERTIONS       Sam			
Image: Partial Plan Notes       Partial Plan Notes         Mode: Not All Part Notes APPL- Sector Part Notes APPL- Part Not All Part Notes APPL- Part Notes APPL Part Notes APPL Part Notes APPL Part Notes APPL Part Notes APPL Part Notes APPL Part Notes APPL Part Notes APPL Part Notes APPL Part Notes APPL Part Notes APPL Part Notes APPL Part Notes APPL			
Image: Normal Line Marked Structure Line Structur	43.	PILASTER - SEE ELEVATION FOR TYPE	2018 NORTH
as			
as	NOT	E. NOT ALL KEY NOTES APPLY.	CAROLINA STATE
as	21.	PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN &	
as	28.	WATER HEATER 'B' VENT TO OUTSIDE AIR	BUILDING
BS: COV PROTOCHYPENT NO PLAN FOR HEIGHT         B: LOW AND FELF - REFER TO PLAN FOR HEIGHT         B: DOW AND FELF - REFER TO PLAN FOR HEIGHT         B: NTERIOR SHLLT:         B: MICH OR SHLT:	29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	
BS: COV PROTOCHYPENT NO PLAN FOR HEIGHT         B: LOW AND FELF - REFER TO PLAN FOR HEIGHT         B: DOW AND FELF - REFER TO PLAN FOR HEIGHT         B: NTERIOR SHLLT:         B: MICH OR SHLT:	99. 41.	LINE OF FLOOR ABOVE	CODES
BD: DAY STUD_ALLICER TO FLAN FOR HEIGHT         DED: ZAY ANALL PER PLAN         BD: INTERICE VARALL PER PLAN         BD: INTERICE VARALL PER PLAN         BD: INTERICE VARALL PER PLAN         BD: INTERICE VELT         PROTON CR ED: SURGEDATION OF DECEMATIVE COLUMN (SIZE, SEE ELEV)         IPPERIA VARAL PER PLAN         BD: PROTON CR ED: SURGEDATION OF DECEMATIVE COLUMN (SIZE, SEE ELEV)         IPPERIA VARAL ENDED DECORFER SUBJECT ALL POST.         BD: PROTON CR ED: SURGEDATION CONCENTER ENTERS OF PROTATIONS         BD: PROTON CONCERTE FILLED PIPE BOLLARD BS' HIGH WITH MR, 12' BEREDONEN TO CONCENTER ENTERS OF EXTEND 6'         BD: STICE COLUMN SEED TO OF THE VEHICLE'S NORMAL RAVEL PATH.         BD: BORD MINDOWS) ON ALL SIDES UNO.         BD: STICE COLUMN SEED ELEVATION FOR TYPE TO CONCENTE SAME SLOPE I/4' PER FT. MIN. SEE PLAN FOR STREE MOT ALL KEY MOTES APPLY.         I: CONCERTE PATIOPORCH SLAB PER STRUCTURAL- SLOPE I/4' FER TO MARD DOCOR OFENING.         BD: DIARDING BS'SSG' MIN.         C. CONCERTE PATIOPORCH SLAB PER STRUCTURAL- SLOPE I/4' TER TO MARD DOCOR OFENING.         B: FOUNDATION PER STRUCTURAL.         S: SIDARTER CONCERTE FLUED PIPE SCONCENTER CONCENT PARAMENT INTO CONCENTS.         B: CONCERTE PARIOPORCH SLAB PER STRUCTURAL.         S: CONCERTE PARIOPORCH SLAB PER STRUCTURAL.         S: CONCERTE PARIOPORCH SLAB PER STRUCTURAL.         S: CONCERTE PARIOPORCH SLAB PER STRUCTURAL. </th <th>42.</th> <th>MINE OF FLOOR BELOW MINE 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)</th> <th></th>	42.	MINE OF FLOOR BELOW MINE 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)	
SH. DEL. 224 MALL PER PLAN         SH. INTERCONC PHELF - RETERT TO PLAN FOR HEIGHT         SH. ACCHED SOFFIT         SC. OPT. DOORY NINDOW         PERCHANERACINEED PLOCEMATIVE COLUMN (SIZE, SEE ELEV.)         PERCHANERACINEED PLOCEMATIVE COLLARD 38' HIGH MITH         MIN, 12' EMERDIVENT INTO CONCRETE.         OPERCENT WINDOWS ON ALL SIDES UNCOME         OPERCENT WINDOWS ON ALL SIDES UNCOME         OPERCENT WINDOWS ON ALL SIDES UNCOME         OPERCENT SLAB. SLOPE 1/4' PER FT. MIN. SEE PLAN FOR         MITEL NOT ALL KEY MOTE APPLY.         I. CONCRETE PATIOPROFIL         I. CONCRETE PATIOPROFIL SLAB PER STRUCTURAL- SLOPE         MITEL NOT ALL KEY MOTE APPLY.         I. CONCRETE PATIOPROFIL         I. CONCRETE PATIOPROFIL SLAB PER STRUCTURAL- SLOPE 1/0' PER         I. CONCRETE PATIOPROFIL SLAB PER STRUCTURAL- SLOPE 1/0' PER         I. CONCRETE PATIOPROFIL SCALENAL         I. CONCRETE PATIOPROFILING	50.	LON HALL - REFER TO FLAN FOR HEIGHT	
57. FLAT SOPERTIT         66. ACCOUNT OF THE ANALYSE	52. 54.	DBL. 2x4 WALL PER PLAN	
60. OPT. DOOR, MINDOW         61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)         62. SECTIONAL GARAGE DOOR OPER SPECS         63. SECTIONAL GARAGE DOOR OPER SPECS         64. ST PLAN. CONCRETE FILLED PIPE BOLLARD 36" HIGH MITH         MIN, 12" EMEDIMENT INTO CONCRETE CHIESES NORMAL         RAYLE, PATHJ.         65. SECTION CATELE COLOR POR SPECS         75. DEPRESEMENT INTO CONCRETE CHIESES NORMAL         RAYLE, PATHJ.         66. ST. POST WUNTL MRAP.         76. STREES NINDOW         77. DEPRESEMENT OF CONTENT CONCRES SO FOR         76. STREES NINDOW         77. STREES NINDOW         76. STREES NINDOW         77. STREES NINDOW         77. STREES NINDOW         77. STREES NINDOW         77. STREES NINDOW         78. FOUNDATION PLAN NOTES         79. CONCRETE SLAB, SLOPE 1/4" PER FT. MIN. SEE PLAN FOR         79. CONCRETE PRIVENCES LAB PER STRUCTURAL- SLOPE         79. CONCRETE PRIVENCES SUMMER         79. CONCRETE PRIVENCES NEW         79. CONCRETE PRIVENCES NEW         79. CONCRETE PRIVENCES MIN.         79. CONCRETE PRIVENCES NEW         79. CONCRETE PRIVENCES MIN.         79. CONCRETE PRIVENCES         79. CONCRETE PRIVENCE         79. CONCRETE PRESEMENT NO CONCRETENC. <th>55. 57</th> <th></th> <th> </th>	55. 57		
<ul> <li>INTEL-MANPACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) PHE-MANPACTURED DECORATIVE COLURAL POST. SECOND LARA DE DOCTORIAL DE LEURING TO EXTEND 6' TO DESRESS WINDOW TO DES</li></ul>		ARCHED SOFFIT	
62. BRICK / STONE VENERS - REFER TO ELEVATIONS         63. SECTIONAL GARAGE DOOR FEETOS         64. BRICK / STONAL GARAGE DOOR FEETOS         7. MIN D2: EMERDMENT INTO CONCRETE         NOT RECORRED AT ELECTRIC UNTER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL THE INNORMAL EDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6' BETORD WINDOWS         7. MINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6' BETORD WINDOWS         7. MINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6' BETORD WINDOWS         8. MINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6' BETORD WINDOWS         9. STORCHTE SLAB, SLOPE I/4' PER FT. MIN. SEE PLAN FOR         9. STORCHTE SLAB, SLOPE I/4' PER FT. MIN. SEE PLAN FOR         9. CONCRETE PAILOPORCH SLAB PER STRUCTURAL- SLOPE I/4' PER FT. MIN.         10. CONCRETE FAILOPORCH SLAB PER STRUCTURAL- SLOPE I/4' PER FT. MIN.         2. CONCRETE PAILOPORCH SLAB PER STRUCTURAL- SLOPE I/4' PER FT. MIN.         3. STRUCTURAL.         3. STRUCTURAL.         3. STRUCTURAL         3. STRUCTURAL.         3. STRUCTURAL         3. STRUCTURAL.         3. STRUCTURAL         3. STRUCTURAL.         3. STRUCTURAL         3. STRUCTURAL.         3. STRUCTURAL.         3. REFER TO CONCORDING.         3. STRUCTURAL         3. STRUCTURAL.         3. STRUCTURAL.      <		PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
66. 3° DIAM. CONCRETE FILLED PIPE BOLLARD 36° HIGH WITH MN 12° EMBEDNEAR INTO CONCRETE.       SUBJECT NO.         MOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR TRAVEL PATH).       SUBJECT NO.         75. PINDOM LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6'.       PROJECT NO.: 1350999:56         76. BETCOMINEDANS). ON LAURDES UNCOR TYPE TO CONCRETE SLAB. SLOPE 1/4° PER FT. MIN. SEE PLAN FOR       DIVISION MGR.: MCP REUSIONS: 08/29/19         10. CONCRETE PATHONES APPLY.       SUBJECT NO.: 1350999:56         11. CONCRETE PATHONES APPLY.       SUBJECT NO.: 1350999:56         12. CONCRETE PATHONEORCH SLAB PER STRUCTURAL- SLOPE 1/4° FER FT. MIN.       SUBJECT NO.: 1350999:56         12. CONCRETE PATHONEORCH SLAB PER STRUCTURAL- SLOPE 1/4° FER FT. MIN.       SUBJECT NO.: 1350991:50         12. CONCRETE PATHONEORCH SLAB PER STRUCTURAL- SLOPE 1/4° FER FT. MIN.       DIVISION REVISION NCISSIONCE 6023019 MCP         2. CONCRETE PATHONEOR SLOPE IVA: PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.       DIVISION REVISION NCISSIONCE 6023019 KEB         3. DIAMETER CONCRETE FILLED PIPE BOLLARD 56° HIGH WITH MIN. 12° EMEDNEMIN INTO CONCRETE.       DIVISION REVISION NCISSION REVISION STRUCTURAL         13. CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION RGGA       SUBAC LEVART FOR INFORMATION NOT SHOWN HERE <th>62.</th> <th>BRICK / STONE VENEER - REFER TO ELEVATIONS</th> <th></th>	62.	BRICK / STONE VENEER - REFER TO ELEVATIONS	
MOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR THE UNDERS OF THE VEHICLES NORMAL 60. PT. ROST W. VINTL WRAP. 10. EXERCISE MINDOW 13. NINDOM LEDGE. HEIGHT & HUDTH OF OPENING TO EXTEND 6' BETCOUNT MINDOWS ON ALL SIDES UND. 16. STITE-BULT COLMAN - SEE ELEVATION FOR TYPE 17. STITE-BULT COLMAN - SEE ELEVATION - STITE-BULT COLMAN - SLOPE 1/4" PER FT. MIN. AWAY 17. STAR LANDING: STAGE MIN. 18. CONCRETE FOR MASONGY VENEER. 19. STAR LANDING: STAGE MIN. 19. CONCRETE COLMAR - SLOPE 1/4" PER FT. MIN. AWAY 17. STAR LANDING: STAGE WITH ATTON 19. STAR LANDING: STAGE FOR ALL FINISH SURFACE 19. STAR LANDING: STAGE FOR ALL FINISH SURFACE 19. AND FOR SURFACE ACCESS 19. STAR SPACE VAPOR RETARDER (BARRIER) IS TO BE PER 19. STAR STAR SPACE VAPOR RETARDER (BARRIER) IS TO BE PER 19. STAR TO BASIC ELEVATIONS FOR INFORMATION NOT 19. STARL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER 19. STREET 17. ST	66.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH	
APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL BETWIND TATUME TATUM 00. ETT POST WOML NRAP. 15. WINDOW LEDGE, HEIGHT & WIDTH OF OPENING TO EXTEND 6' 16. STITE-DUIT COLUMP. SEE ELEVATION FOR TYPE 17. CONCRETE SLAB, SLOPE I/4' PER FT. MIN. SEE PLAN FOR 17. CONCRETE SLAB, SLOPE I/4' PER FT. MIN. SEE PLAN FOR 17. CONCRETE SLAB, SLOPE I/4' PER FT. MIN. SEE PLAN FOR 17. CONCRETE SLAB, SLOPE I/4' PER FT. MIN. SEE PLAN FOR 17. CONCRETE SARAGE SLAB PER STRUCTURAL- SLOPE 16. CONCRETE GARAGE SLAB PER STRUCTURAL- 5. CONCRETE DRIVENER, 5. CONCRETE DRIVENER, 5. CONCRETE DRIVENER, 5. CONCRETE DRIVENER, 5. CONCRETE FLORE FLOOR VENTILATION 1. 4' MIN, 12' EMEDIMENT INTO CONCRETE. 1. 30' MIDE WALKWAY- SLOPE 1/4' PER FT. MIN. NETE 1. 4' MIN, 13' EMEDEMENT INTO CONCRETE. 1. 30' MIDE WALKWAY- SLOPE 1/4' PER FT. MIN. NETE 1. CONCRETE SARCHERY STRUCTURALE. 1. ACTEL 1.	1	NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR	
10. EXERCISE MINDOW         10. EXERCISE MINDOW         11. EVENDOW         12. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE         11. STARL ALL SIDES UND.         12. STEE-BUILT COLUMN - SEE ELEVATION FOR TYPE         13. STEE-BUILT COLUMN - SEE ELEVATION FOR TYPE         14. FOUNDATION PLAN NOTES         15. CONCRETE PATIO/FORCH SLAB PER STRUCTURAL- SLOPE         14. STAIR LANDING: SEVSE* MIN.         2. CONCRETE BARAGE SLAB PER STRUCTURAL- SLOPE 1/8° PER.         1. FOUNDATION PER STRUCTURAL.         3. STAIR LANDING: SEVSE* MIN.         3. CONCRETE FLOR VENTLATION         14. * TOR KICK FOR MASONRY VENEER.         3. * DIAMETRE CONCRETE FILLED PIPE BOLLARD 36° HIGH WITH MIN. 12° EMBEDMENT INTO CONCRETE.         9. * DIAMETRE CONCRETE FILLED PIPE BOLLARD 36° HIGH WITH MIN. 13° AND AND SURFACE.         12. AC FAD. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL.         13. GRAVEL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER MIN.         MOTEL NO. REVISION FOR INFORMATION NOT SHOWN HERE         NOTEL       NOTEL NOT REVISION FOR INFORMATION NOT SHOWN HERE		APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).	
T5. NINDOW LEDGE. HEIGHT & MIDTH OF OPENING TO EXTEND 6"         BEYCOND WINDOWS ON ALL SIDES UND.         T5. STRE-BUILT COLUMN - SEE ELEVATION FOR TYPE         T1. STRE SLAB. SLOPE I/4' FER FT. MIN. SEE PLAN FOR         STE.         MOTEN CRETE SLAB. SLOPE I/4' FER FT. MIN. SEE PLAN FOR         IMPORT ALL KEY NOTES APPLY.         CONCETTE PATION FORCH SLAB PER STRUCTURAL- SLOPE         V/4' FER FT. MIN. TOMARD DOOR OPENINS.         STOURDATION PER STRUCTURAL- SLOPE         V/4' FER FT. MIN. TOMARD DOOR OPENINS.         CONCRETE PATION FORCH SLAB PER STRUCTURAL- SLOPE         V/4' FER FT. MIN. TOMARD DOOR OPENINS.         STAIL LANDING, SCROR OPENINS.         CONCRETE DATION PER STRUCTURAL.         STAIL LANDING, SCROR OPENINS.         PROVIDE UNDER FLOOR VENTILATION         T. 4' TOE KICK FOR MASONRY VENEER.         B' DIAMETER CONCRETE FILLED PIPE BOLLARD BG' HIGH         MITH MIL 12' EMEEMENT INTO CONCRETE.         I. AY MIN 12' EMEEMENT INTO CONCRETE.         I. YERIPY LOCATION OF PIER FOOTINGS PER         STRUCTURAL.         I. YERIPY LOCATION OF PIER FOOTINGS PER         STRUCTURAL.         I. AY MIN 12' EMEEMENT INTO CONCRETE.         I. ORANL SPACE LACESSI         I. 35' WIDE MALKINAT'- SLOPE I/4' PER FT. MIN.         NOTEL <td< th=""><th>68.</th><th>P.T. POST W VINYL WRAP. EGRESS WINDOW</th><th>ISSUE DATE: 07/31/18</th></td<>	68.	P.T. POST W VINYL WRAP. EGRESS WINDOW	ISSUE DATE: 07/31/18
TT. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR       REVISIONS: 08/29/19         IT. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR       REVISIONS: 08/29/19         IT. CONCRETE FATIO/FORCH SLAB PER STRUCTURAL- SLOPE       It. SCHORERTE GARAGE SLAB PER STRUCTURAL- SLOPE         1/4" FER FT. MIN.       CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE         1/4" TOE KICK TE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER.       It. SCHORERTE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER.         1/2" MIN. TOWARD DOOR OPENING.       DIVISION REVISION         1/2" TOE KICK FOR MASORY OPENING.       DIVISION REVISION         2/3" DIVISION REVISION       DIVISION REVISION         3/4" TOE KICK FOR MASORY VENEER.       DIVISION REVISION         3/4" TOE KICK FOR MASONRY VENEER.       DIVISION REVISION         3/4" TOE KICK FOR MASONRY VENEER.       DIVISION REVISION         3/4" TOE KICK FOR MASONRY VENEER.       DIVISION REVISION         3/5" DIAMETER COLVERTE FILLED PIPE BOLLARD 36" HIGH MITH MIN. 12" EMBEDMENT INTO CONCRETE.       It. A'' MIN. T JA'' MAX. TO HARD SURFACE.         1/4" ACK FLOR CREATE FILLED PIPE BOLLARD BER STRUCTURAL.       SCHORE MASON CREATE FILLED PIPE BOLLARD 36" HIGH MITH MIN. 12" EMBEDMENT INTO CONCRETE.         1/4" TOE KICK FOR MASONRY VENEER.       SCHORE MASON CREATE FILLONG FOR INFORMATION NOT SCHORE FILLONG FOR INFORMATION N		WINDOW LEDGE HEIGHT & WIDTH OF OPENING TO EXTEND 6"	PROJECT No.: 1350999:56
SIZE       REVISIONS:       08/29/19		SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	DIVISION MGR.: MCP
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Image: Indian and the approximation indian and the approximation indiana.     2000000000000000000000000000000000000	<b>⊡</b>	FOUNDATION DI AN NOTES	
I. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE         I. M. TEWARD DOCUMENT         2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE         10" MIN. TOWARD DOC OFENING.         5. FOUNDATION PER STRUCTURAL.         4. STAIR LANDING: 36'36' MIN.         5. CONCRETE PRIVARAY SLOPE I/4" PER FT. MIN. AWAY         FROM GARAGE DOCO 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.         9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE         12. A/C PAD. VERIFY LOCATION.         13. CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION         RCCRANL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER         NOTE:         NOTE:         NOTE:         NOTE:         14" MIN. T 3/4" MAX. TO HARD SURFACE.         12. A/C PAD. VERIFY LOCATION.         13. GRANL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER         NOTE:         NCTE:         REFER TO BASIC ELEVATIONS FOR INFORMATION NOT         SHEET:         7.2         SPEC. LEVEL 1         REFER TO BASIC ELEVATIONS FOR INFORMATION NOT         SHEET:         SHOWN HERE <th>1 🗀</th> <th></th> <th>2 NC19005NCP- 02/28/19 MCP</th>	1 🗀		2 NC19005NCP- 02/28/19 MCP
1/4" PER FT. MIN.         2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER.         1-0" MIN. TOWARD DOOR OPENING.         3. FOUNDATION PER STRUCTURAL.         4. STAIR LANDING, 36'X36' MIN.         5. CONCRETE PRIVENAY SLOPE 1/4" PER FT. MIN. AWAY         FROM GARAGE DOOR OPENING.         6. PROVIDE UNDER FLOOR VENTILATION         7. 4" TOE KICK FOR MASONRY VENEER.         8. 8" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH         MITH MIN. 12" EMBEDMENT INTO CONCRETE.         9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE         10. VERIFY LOCATION OF PIER FOOTINGS PER         STRUCTURAL         11. 4" "IN. T 3/4" MAX. TO HARD SURFACE.         12. AC PAD. VERIFY LOCATION.         13. GRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION         REFER TO BASIC ELOYAPOR RETARDER (BARRIER) IS TO BE PER         NOTE:         NOTE:         NOTE:         12. AC PAD. VERIFY LOCATION.         13. GRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION         REFER TO BASIC ELEVATIONS FOR INFORMATION NOT         NOTE:		CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE	
II-0' MIN. TOWARD DOOR OPENING.         9. FOUNDATION PER STRUCTURAL.         4. STAIR LANDING: 36'X36' MIN.         5. CONCRETE PRIVENAY SLOPE 1/4' PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.         6. PROVIDE INDER FLOOR VENTILATION         7. 4' TOE KICK FOR MASONRY VENEER.         8. 3'' DIAMETER CONCRETE FILLED PIPE BOLLARD 36'' HIGH WITH MIN. 12'' EMBEDMENT INTO CONCRETE.         9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.         10. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL         11. 4'' MIN. T 3/4'' MAX. TO HARD SURFACE.         12. A/C PAD. VERIFY LOCATION.         13. CRANL SPACE ACCESS         14. 36'' WIDE WALKWAY- SLOPE I/4'' PER FT. MIN.         NOTE: REGRAVE SPACE VAPOR RETARDER (BARRIER) IS TO BE PER MC-R SECTION RADIA.         NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE         NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE         NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE	1_	I/4" PER FT. MIN.	<sup>■</sup> <u>/ 3</u> NC19029NCP- 04/22/19 MCP <sup>■</sup>
POUNDATION PER STRUCTURAL.     STAIL CANDING. SK 36° MIN.     CONCRETE DRIVENALY SLOPE 1/4° PER FT. MIN. AWAY     FROM GARAGE DOOR OPENING.     CONCRETE DRIVENALY SLOPE 1/4° PER FT. MIN. AWAY     FROM GARAGE DOOR OPENING.     PROVIDE UNDER FLOOR VENTILATION     4' TOE KICK FOR MASONRY VENEER.     3' DIAMETER CONCRETE FILLED PIPE BOLLARD 36° HIGH     WITH MIN. 12° EMBEDMENT INTO CONCRETE.     REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE     ELEVATIONS.     IO. VERIFY LOCATION OF PIER FOOTINGS PER     STRUCTURAL     II. 4' MIN. T 34' MAX. TO HARD SURFACE.     AC AD. VERIFY LOCATION OF PIER FOOTINGS PER     STRUCTURAL     II. 4' MIN. T 34' MAX. TO HARD SURFACE.     AC AD. VERIFY LOCATION     STRUCTURAL     III. 4' MIN. T 34' MAX. TO HARD SURFACE.     AC AD. VERIFY LOCATION     STRUCTURAL     III. 4' MIN. T 34' MAX. TO HARD SURFACE.     AC AD. VERIFY LOCATION     STRUCTURAL     III. 4' MIN. T 34' MAX. TO HARD SURFACE.     AC AD. VERIFY LOCATION     STRUCTURAL     III. CANL SPACE ACCESS     A. 36' WIDE WALKMAY- SLOPE 1/4'' PER FT. MIN.     STRUCTURAL     METE     THE CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION     RAOG.     THE CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION     RAOG.     THE CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION     RAOG.     THE CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION     RAOG.     THE CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION     RAOG.     THE ROBAGE SPACE WAPOR RETARDER (BARRIER) IS TO BE PER     NOTE:     REFER TO BASIC ELEVATIONS FOR INFORMATION NOT     SHOWN HERE     STRUCTURAL     SPEC. LEVEL 1     RALEIGH-DURHAM		I'-O" MIN. TOWARD DOOR OPENING.	
<ul> <li>CONCRETE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.</li> <li>PROVIDE UNDER FLOOR VENTLATION</li> <li>4" TOE KICK FOR MASONRY VENEER.</li> <li>B" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.</li> <li>REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.</li> <li>VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL</li> <li>4" MIN. T 3/4" MAX. TO HARD SURFACE.</li> <li>AC PD. VERIFY LOCATION.</li> <li>CARAL SPACE ACCESS</li> <li>Servide WALKMAY'S SLOPE 1/4" PER FT. MIN.</li> </ul> MOTE: RECARL SPACE IS TO BE CONDITIONED PER NC-R SECTION R409. MOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SPEC. LEVEL 1 REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SOUNH HERE	1		
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.         9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.         10. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL         11. 4" MIN. T 3/4" MAX. TO HARD SURFACE.         12. A/C PAD. VERIFY LOCATION.         13. CRARL SPACE CEES         14. 36" WIDE WALKMAY- SLOPE 1/4" PER FT. MIN.         NOTE: THE CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION RHOR. THE CRANL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION RHOR2.         NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE         NOTE: SHOWN HERE	1		
1. 4" TOE KICK FOR MASONRY VENEER.         3. "DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12 EMBEDMENT INTO CONCRETE.         1. REFER TO CIVIL DRAVINGS FOR ALL FINISH SURFACE ELEVATIONS.         10. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTRAL         11. 4" MIN. T 3/4" MAX. TO HARD SURFACE.         12. A/C PAD. VERIFY LOCATION.         13. GRAAL SPACE COCESS         14. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.         RETER TO BASIC ELEVATIONED PER NC-R SECTION RHOR.         NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE         NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE         NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE	<sup>.</sup> .	FROM GARAGE DOOR OPENING.	S NC20017NCP- 03/03/20 KBA
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9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE LEVATIONS.         10. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL.         11. 4' MIN. T 3/4' MAX. TO HARD SURFACE.         12. A/C PAD. VERIFY LOCATION.         13. CRANL SPACE ACCESS         14. 36' WIDE WALKWAY- SLOPE 1/4'' PER FT. MIN.         RECARL SPACE ACCESS         14. 36' WIDE WALKWAY- SLOPE 1/4'' PER FT. MIN.         RECARL SPACE IS TO BE CONDITIONED PER NC-R SECTION R409.         RECARL SPACE IS TO BE CONDITIONED PER NC-R SECTION R409.         RETER TO BASIC EVAPOR RETARDER (BARRIER) IS TO BE PER         NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE         NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE         NOTE: REFER TO BASIC ELEVEL 1 RALEIGH-DURHAM		3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH	
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NOTE:       NOTE: <td< td=""><td>11. 12.</td><td>A/C PAD. VERIFY LOCATION.</td><td>• •</td></td<>	11. 12.	A/C PAD. VERIFY LOCATION.	• •
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THE CRAAL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER       7.2         NC-R SECTION R4012.       7.2         NOTE:       SPEC. LEVEL 1         NOTE:       SPEC. LEVEL 1         NOTE:       REFER TO BASIC ELEVATIONS FOR INFORMATION NOT         NOTE:       SPEC. LEVEL 1         NOTE:       RALEIGH-DURHAM	11. 12. 13. 14.	A/C PAD, VERIFY LOCATION. CRANL SPACE ACCESS 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN.	
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MOTE.         SFEC. LEVEL I           NOTE.         REFER TO BASIC FLOOR FLAN FOR INFORMATION NOT           SHOWN HERE         RALEIGH-DURHAM	.  2.  3.  4.  14.  14.  14.  14.  14.  14.  14.	A/C PAD. VERIFY LOCATION. CRANL SPACE ACCESS 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN. EL CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION M. CRANL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER R SECTION R4092.	240.3174-R
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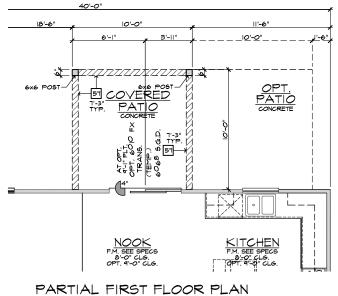




**ROOF PLAN NOTES** 



40'-0"

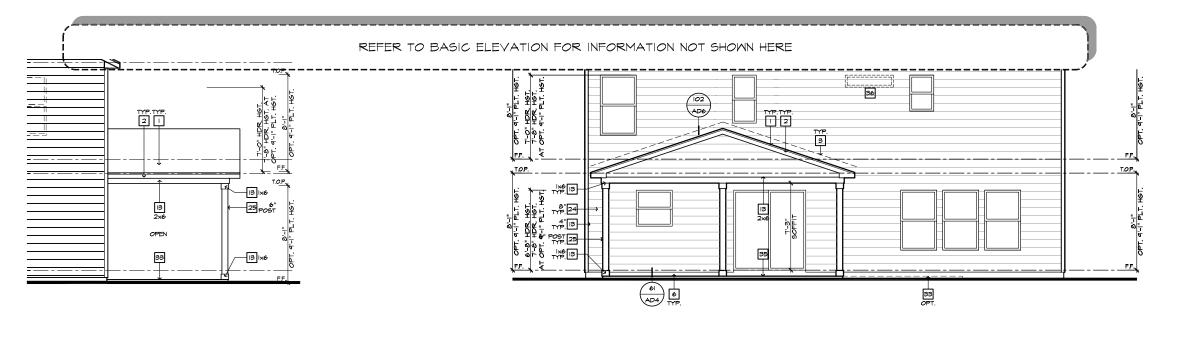


#### **4**<u>4</u> ADI \*\_\_\_\_\_ \_\_\_\_ AREA | <u></u> REFER TO BASIC ROOF FOR INFORMATION NOT SHOWN HERE 1'-0" 6:12

#### PARTIAL ROOF PLAN

IO'XIO' COVERED PATIO AT SLAB ON GRADE

# ELEVATION NOTES	
NOTE: NOT ALL KEY NOTES APPLY. I. ROOF MATERIAL - REFER TO ROOF NOTES	8 8
2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP 3. G.I. FLASHING	
4. G.I. FLASHING & SADDLE/CRICKET	: <b>KD</b>   :
5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY	
7. DECORATIVE VENT 8. DECORATIVE CORBEL	I HOME I
9. DECORATIVE SHUTTERS	
IO. PEDIMENT. SEE ELEVATION FOR TYPE II. RECESSED ELEMENT	│。┖────┛®╻
12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	
I3. TRIM - SEE ELEVATION FOR SIZE 14. SYNTHETIC MATERIAL	
15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.	
16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 17. SHAKE SIDING	Harnett
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. SIDING W 4" CORNER TRIM 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. RAILINGS (+36" U.N.O.) 29. VINYL WRAP	40' SERIES
30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	KB HOME
31. BRACKET OR KICKER - FYPHON OR EQ.	NORTH CAROLINA DIVISION
32. ENTRY DOOR 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4518 S. MIAMI BLVD.
34. SECTIONAL GARAGE DOOR PER SPECS	<ul> <li>SUITE 180</li> </ul>
35. ALUMINUM WRAP 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703
37. OPTIONAL STANDING SEAM METAL ROOF 38. KEYSTONE	■ TEL: (919) 768-7988 ■ FAX: (919) 472-0582
39. SOLDIER CROWN	
40. JACK SOLDIER COURSE 41. WATER TABLE	
42. ATRIUM DOOR	
43. PILASTER - SEE ELEVATION FOR TYPE	2018 NORTH
	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	
28. WATER HEATER 'B' VENT TO OUTSIDE AIR 29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	BUILDING
99. LINE OF WALL BELOW 41. LINE OF FLOOR ABOVE 42. LINE OF FLOOR BELOW	CODES
48. MIN, 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) 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 51. FLAT SOLET	
50. ARCHED SOFFIT 60. OPT. DOOR/ WINDOW	
61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.	
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	
66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDNENT INTO CONCRETE. NOT REQUIRED AT ELECTRIC MATER HEATERS OR FOR	
APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH). 68. P.T. POST W VINYL WRAP.	ISSUE DATE: 07/31/18
TO EGRESS WINDOW	PROJECT No.: 1350999:56
15. WINDON LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES U.N.O. 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 17. CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR	DIVISION MGR.: MCP
SIZE.	REVISIONS: 08/29/19
	A 2018 CODE UPDATE CI9015NCP- 01/23/19 MCP
#         SLAB PLAN NOTES	DIVISION REVISION
**         SLAB PLAN NOTES           NOTE:         NOT ALL KEY NOTES APPLY.	<sup>2</sup> 2 NC19005NCP- 02/28/19 MCP
I. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE	DIVISION REVISION 3 DIVISION REVISION NC19029NCP- 04/22/19 MCP
<ul> <li>I/4" PER FT. MIN.</li> <li>2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/6" PER.</li> </ul>	
I'-O" MIN. TOWARD DOOR OPENING. 3. CONCRETE FOUNDATION PER STRUCTURAL.	DIVISION REVISION NCI9055NCP- 08/29/19 FAE
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.	■ <u>5</u> NC20017NCP- 03/03/20 KBA ■
6. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.	B B
7. 5" BRICK LEDGE FOR MASONRY VENEER.	
<ol> <li>3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MN. 12" EMBEDMENT INTO CONCRETE.</li> </ol>	# #
9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.	   B   B
10. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.	
<ul><li>II. 4" MIN. 8 I/4" MAX. TO HARD SURFACE.</li><li>I2. A/C PAD. VERIFY LOCATION.</li></ul>	в в
13. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.	PLAN:
	240.3174-R
NOTE. REFER TO BASIC ELOOR PLAN FOR INFORMATION NOT	SHEET:
NOTE:	
REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE	SPEC. LEVEL 1
REFER TO BASIC ELOOK PLAN FOR INFORMATION NOT SHOWN HERE	RALEIGH-DURHAM
REFER TO BASIC <u>SLAB PLAN</u> FOR INFORMATION NOT SHOWN HERE	40' SERIES



PARTIAL REAR ELEVATION

#### PARTIALRIGHT ELEVATION

#### **ROOF PLAN NOTES** 4:12 INDICATES ROOF SLOPE AND DIRECTION, U.N.O. ROOF MATERIAL: COMPOSITION SHINGLE 12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O. 12" (INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O. LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS. ATTIC VENT CALCULATIONS PROVIDE I 50. IN. OF VENTILATION PER 300 50. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & 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°-0° ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) 20'-0 \* CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED. \_\_\_!0'-0"\_\_ AREA 3 / MAIN W/ SUNRO VENTILATION REQUIRED: 16 AREA = 200 50. FT. / 150 1.33 50. X 144 = 192 50. IN TOTAL HIGH & LOW = 192 50. IN <u>\$</u>\_\_ **Ц** EXTENDED <u>OPT.</u> <u>PATIO</u> <u>OPT.</u> <u>PATIO</u> concrete INTILATION PROVIDED: IO LF VENTILATED SOFFIT AT 6.9 SQ. IN, / LF. = 69 SQ. II 7 LF RIDGE VENT(S) AT 18 SQ. IN. EA. = 126 SQ. II TOTAL VENTILATION PROVIDED: 145 SQ. II 145 SQ. II COVERED PATIO ⊡î ADI AREA 3 47 AD3 <u>r</u> FAMILY CARPET B'-O" CLG. OPT. 9'-O" CLG. FAMILY <u>NOOK</u> <u>KITCHEN</u> \_\_\_\_ AREA | OC LINE OF WALL BELOW REFER TO BASIC ROOF FOR OC LINE OF INFORMATION NOT SHOWN HERE 1'-0' 6:12 PARTIAL ROOF PLAN PARTIAL SLAB INTERFACE PLAN

#### PARTIAL FIRST FLOOR PLAN

0'-0"

20'-0"

EXTENDED

COVERED PATIO CONCRETE

SLOPE

(TEMP.) 6068 5.G.D.

-57+7'-3" SEE ELEV. (TYP.)

000 6010 FX 172NS. 41 001. 9'-1" PLT.

4"

NOOK F.M. SEE SPECS 8'-0" CLG. OPT. 9'-0" CLG.

10'-0

6x6 -POST (TYP.)

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+7'-3" SEE 57-

57+7'-3" SEE ELEV. (TYP.)

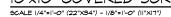
<u>`</u>¥`

KITCHEN F.M. SEE SPECS 8-0" CLG. 1977. 9-2" CLG.

20'XIO' EXTENDED COVERED PATIO AT SLAB ON GRADE SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17",

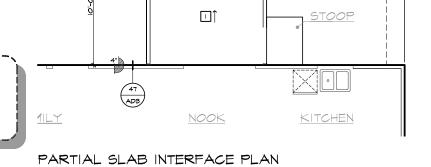
ELEVATION NOTES           NOTE: NOT ALL KEY NOTES APPLY.	
I. ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP	
3. G.I. FLASHING 4. G.I. FLASHING & SADDLE/CRICKET	
5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY	
<ol> <li>DECORATIVE VENT</li> <li>DECORATIVE CORBEL</li> </ol>	. HOME
9. DECORATIVE SHUTTERS 10. PEDIMENT, SEE ELEVATION FOR TYPE	
II. RECESSED ELEMENT 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	a
13. TRIM - SEE ELEVATION FOR SIZE	
<ol> <li>SYNTHETIC MATERIAL</li> <li>PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.</li> </ol>	
I6. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE I7. SHAKE SIDING	Harnett
18. STONE VENEER PER SPECS 19. BRICK/MASONRY VENEER PER SPECS	
20. BUILT UP BRICK COLUMN	MASTER SET
21. SOLDIER COURSE 22. ROWLOCK COURSE	
23. FRIEZE BOARD	
24. SIDING W 4" CORNER TRIM PER SPECS 25. P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE	
26. PRE-FAB DECORATIVE TRIM 27. LIGHT WEIGHT PRECAST STONE TRIM	NORTH CAROLINA
28. RAILINGS (+36" U.N.O.) 29. VINYL WRAP	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	4518 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) 768-7988 FAX: (919) 472-0582
38. KEYSTONE 39. SOLDIER CROWN	
40. JACK SOLDIER COURSE 41. WATER TABLE	
42. ATRIUM DOOR 43. PILASTER - SEE ELEVATION FOR TYPE	2018 NORTH
PARTIAL PLAN NOTES         200 NG.4           MOTE: NOT ALL KEY NOTES APPLY.         200 NG.4	_
21. WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN 4	CAROLINA STATE
21. WITCH HEATER INCATION - FOR GAS - LOCATE ON IB" HIGH PATHY REFER INTERING LOCATION - PROVIDE PAN & PATHY REFER DEPATTO OUTSIDE AIR 28. WATER HEATER B' VENT TO OUTSIDE AIR 29. MATER HEATER B' VENT TO OUTSIDE AIR 29. MATER HEATER B' VENT TO OUTSIDE AIR	BUILDING
94. LINE OF MALL BELOW 41. LINE OF FLOOR ABOVE 42. LINE OF FLOOR BELOW	CODES
42. LINE OF FLOOR BELOW 48. MIN: 36' HIGH GUARDRAIL (REFER TO DETAIL SHEETS) 50. LOW WALL - REFER TO PLAN FOR HEIGHT	
52. 2×6 STUD WALL 54. DBL, 2×4 WALL PER PLAN	
55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT 51. 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	B B B B   
62. BRICK / STONE VENEER - REFER TO ELEVATIONS 63. SECTIONAL GARAGE DOOR PER SPECS 66. B" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT 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 VINTL WRAP. 70. EGRESS WINDOW	ISSUE DATE: 07/31/18
75 WINDOW LEDGE HEIGHT & WIDTH OF OPENING TO EXTEND 6"	PROJECT No.: 1350999:56 DIVISION MGR.: MCP
BEYOND WINDOW(S) ON ALL SIDES U.N.O. 76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 77. CONCRETE SLAB, SLOPE I/4" PER FT, MIN. SEE PLAN FOR SIZE	DIVISION MGR.: MCP REVISIONS: 08/29/19
	A 2018 CODE UPDATE NCI9015NCP. 01/23/19 MCP
slab plan notes	
NOTE: NOT ALL KEY NOTES APPLY.	* <u>2</u> NCI9005NCP- 02/28/19 MCP
I. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.	B J DIVISION REVISION NCI9029NCP- 04/22/19 MCP
<ol> <li>CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/6" PER. I'-0" MIN. TOWARD DOOR OPENING.</li> <li>CONCRETE FOUNDATION PER STRUCTURAL.</li> </ol>	DIVISION REVISION     A     DIVISION REVISION     NCI9055NCP- 08/29/19 FAE
<ol> <li>CONCRETE FOUNDATION PER STRUCTURAL.</li> <li>CONCRETE STOOP: 36"x36" STANDARD SLOPE 1/4" PER FT. MIN.</li> </ol>	DIVISION REVISION
5. CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.	<sup>#</sup> <u>5</u> NC20017NCP- 03/03/20 KBA
<ol> <li>PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.</li> </ol>	•
<ol> <li>5" BRICK LEDGE FOR MASONRY VENEER.</li> <li>3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH UNL 10" EMERGMENT INTO CONCRETE</li> </ol>	   # 1
WITH MIN. 12" EMBEDMENT INTO CONCRETE. 9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.	
IC. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.	•
<ol> <li>4" MIN. 6 I/4" MAX. TO HARD SURFACE.</li> <li>A/C PAD. VERIFY LOCATION.</li> </ol>	<b>.</b> .
13. 36" MIDE WALKWAY- SLOPE I/4" PER FT. MIN.	PLAN:
	240.3174-R
NOTE:	SHEET:
REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE	8.2
NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE	SPEC. LEVEL 1
NOTE: REFER TO BASIC ELOOR PLAN FOR INFORMATION NOT SHOWN HERE	RALEIGH DURHAM
<u>NOTE:</u> REFER TO BASIC <u>SLAB PLAN</u> FOR INFORMATION NOT SHOWN HERE	40' SERIES

AREA |



PARTIAL ROOF PLAN





40'-0'

0'-0"

REENED

PATIO

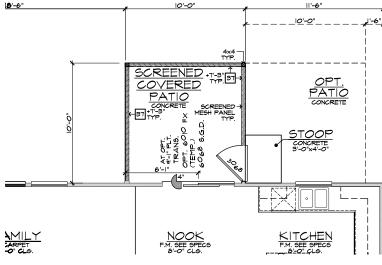
VERED

11'-6"

\_\_\_!0'-0"\_\_\_\_

PATIO

.1'-6"



40'-0

PARTIAL FIRST FLOOR PLAN

### **ROOF PLAN NOTES** INDICATES ROOF SLOPE AND DIRECTION, U.N.O. 4:12

5Q. FT. / 150 0.67 SQ. FT.

X 144 = 46 SQ. IN. TOTAL HIGH \$ LOW = 46 SQ. IN.

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 52, IN OF VENTILATION PER 300 52, IN OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REG. VENTILATION SAFEA 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)

\* CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED.

AREA 3 / MAIN W SUNROOM: VENTILATION REQUIRED: ATTIC AREA = 100

INTILATION PROVIDED:

 8
 LF VENTILATED SOFFIT AT
 6.9
 SQ. IN. / LF. =
 55
 SQ. IN.

 6
 LF RIDGE VENT(S) AT
 18
 SQ. IN. EA. =
 IO8
 SQ. IN.

 TOTAL VENTILATION PROVIDED;
 I63
 SQ. IN.
 EA. =
 IO8
 SQ. IN.

AREA 3

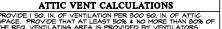
REFER TO BASIC ROOF FOR INFORMATION NOT SHOWN HERE

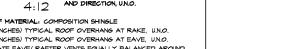
6:12

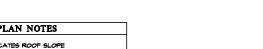
6

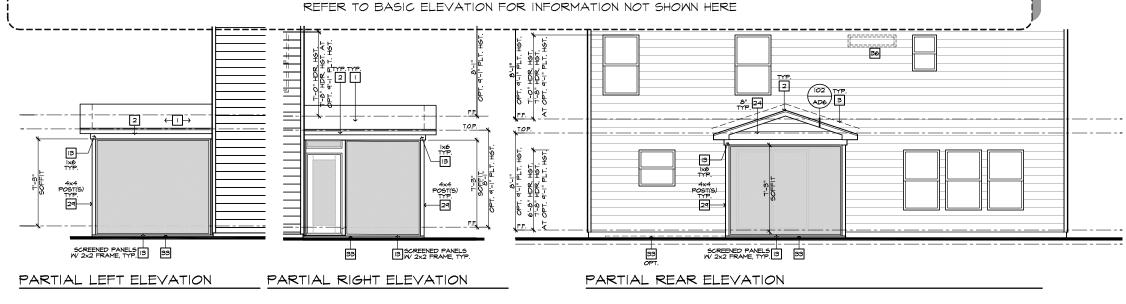
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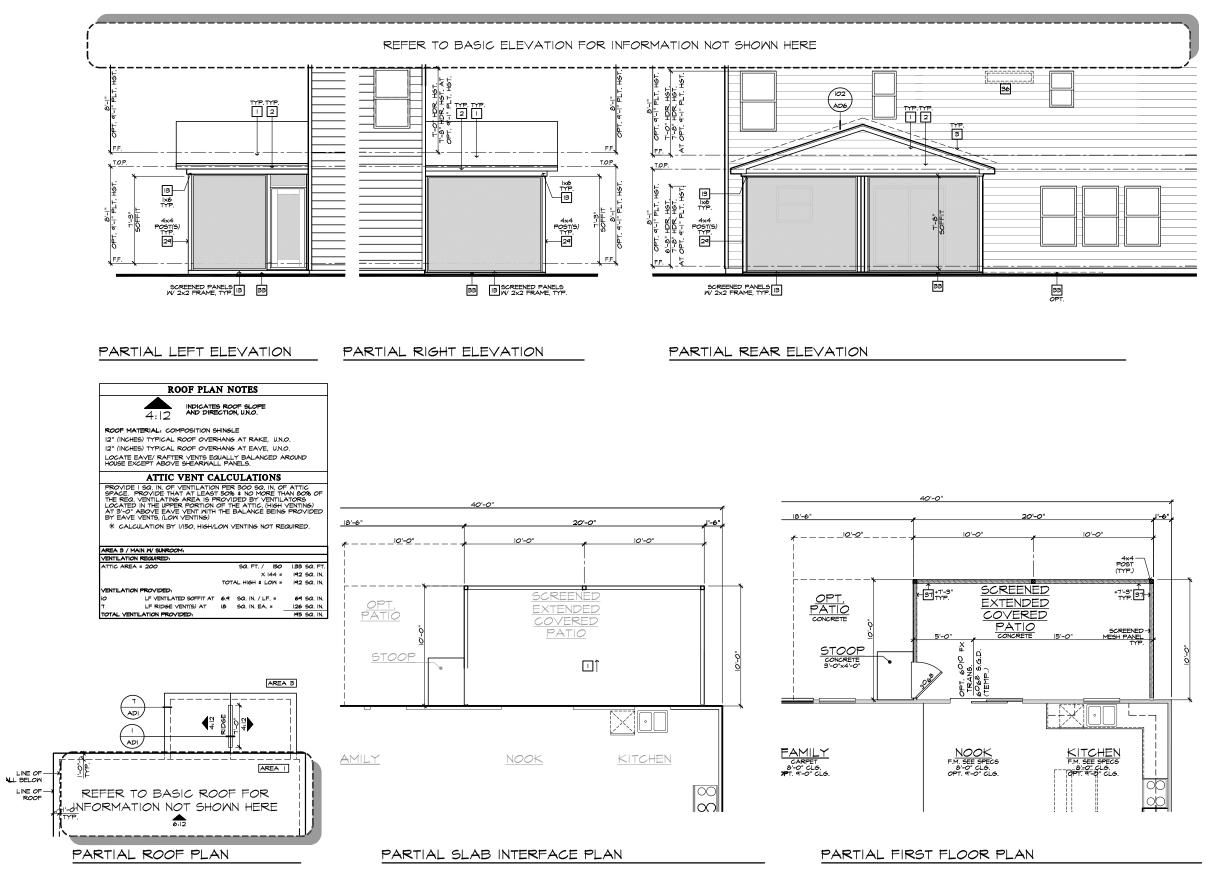






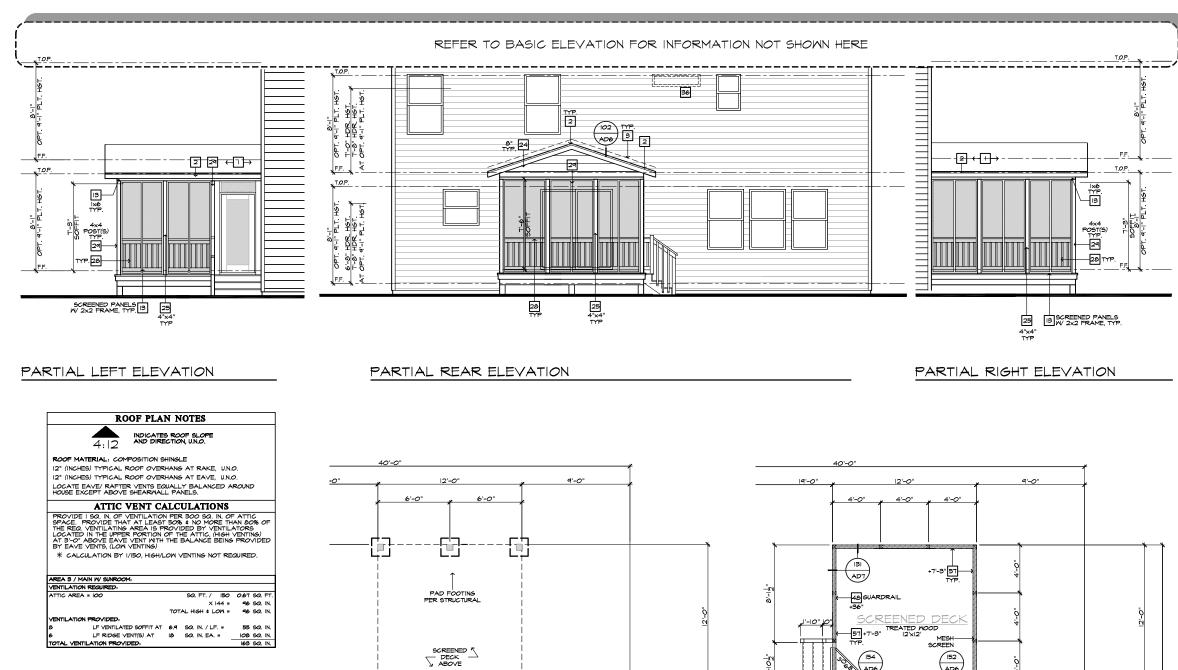


#         ELEVATION NOTES           YOTE: NOT ALL KEY NOTES APPLY.	2019 N.CR
. ROOF MATERIAL - REFER TO ROOF NOTES	• I • I
2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP 9. G.I. FLASHING	
. G.I. FLASHING & SADDLE/CRICKET	
. G.I. DRIP SCREED 2. 24"x24" CHIMNEY	
DECORATIVE VENT	HOME
DECORATIVE CORBEL	
D. PEDIMENT. SEE ELEVATION FOR TYPE	
<ol> <li>DECORATIVE TRIM FYPON OR EQ. SEE ELEVAT</li> <li>TRIM - SEE ELEVATION FOR SIZE</li> </ol>	
4. SYNTHETIC MATERIAL	
<ol> <li>PRE-MANUFACTURED DECORATIVE COLUMN (SIZ FYPON OR EQ. SURROUNDING STRUCTURAL POS</li> </ol>	
5. SITE-BUILT COLUMN - SEE ELEVATION FOR TYP 7. SHAKE SIDING	E Harnett
3. STONE VENEER PER SPECS	
1. BRICK/MASONRY VENEER PER SPECS	MASTER SET
O. BUILT UP BRICK COLUMN	
1. SOLDIER COURSE 2. ROMLOCK COURSE	
3. FRIEZE BOARD	
4. SIDING W/ 4" CORNER TRIM PER SPECS 5. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZ	
6. PRE-FAB DECORATIVE TRIM	NORTH CAROLINA
7. LIGHT WEIGHT PRECAST STONE TRIM	
18. RAILINGS (+36" U.N.O.) 19. VINYL WRAP	40' SERIES
O. DECORATIVE WINDOW/DOOR TRIM - FYPON OR ELEVATION FOR SIZE.	EQ. SEE KB HOME
I. BRACKET OR KICKER - FYPHON OR EQ.	NORTH CAROLINA DIVISION
12. ENTRY DOOR 13. CONCRETE STOOP/ PORCH - SEE SLAB INTERF.	ACE PLAN. 4518 S. MIAMI BLVD.
3. CONCRETE STOOP/ PORCH - SEE SLAB INTERF, 4. SECTIONAL GARAGE DOOR PER SPECS	$\blacksquare \qquad
5. ALUMINUM WRAP	DURHAM, NC 27703
6. OPTIONAL DOOR/WINDOW - REFER TO PLAN OF 17. OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7988
8. KEYSTONE	FAX: (919) 472-0582
19. SOLDIER GROWN 10. JACK SOLDIER COURSE	
I. WATER TABLE	
2. ATRIUM DOOR 3. PILASTER - SEE ELEVATION FOR TYPE	
PARTIAL PLAN NOTES	
DTE: NOT ALL KEY NOTES APPLY.	CADOLINIA STATE
<ol> <li>MATER HEATER IOCATION - FOR GAS - LOCA DIATER HEATER IOCATION - FOR GAS - LOCA DIATER HEATER OF UNITED ON LOCATION - PROV 9. WATER HEATER B' VENT 70 OUTSIDE AIR 9. MAIN LINE SHUT-OFF VALVE AND TEMP. # PRES 9. MAIN LINE SHUT-OFF VALVE AND TEMP. # PRES</li> </ol>	
8. MATER HEATER 'B' VENT TO OUTSIDE AIR 19. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRES	SURE RELIEF BUILDING
1. LINE OF FLOOR ABOVE 12. LINE OF FLOOR BELOW 8. MIN, 36" HIGH GUARDRAIL (REFER TO DETAIL S 0. A/C BAD LOCATION	HEETS) CODES
I. LOW WALL - REFER TO PLAN FOR HEIGHT	
12. 2x6 STUD WALL 14. DBL. 2x4 WALL PER PLAN 5. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT	
5. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT 17. FLAT SOFFIT 8. ARCHED SOFFIT	
O OPT DOOR/WINDOW	
<ol> <li>PRE-MANUFACTURED DECORATIVE COLUMN (SIZ FYPON OR EQ. SURROUNDING STRUCTURAL POS</li> <li>BRICK / STONE VENEER - REFER TO ELEVATIO</li> </ol>	T. NG
<ol> <li>SECTIONAL GARAGE DOOR PER SPECS</li> <li>3" DIAM. CONCRETE FILLED PIPE BOLLARD 36 MIN. 12" EMBEDMENT INTO CONCRETE.</li> </ol>	
(NOT REQUIRED AT ELECTRIC WATER HEATERS APPLIANCES LOCATED OUT OF THE VEHICLE'S	ORFOR
TRAVEL PATH). 8. P.T. POST W/ VINYL WRAP.	ISSUE DATE: 07/31/18
0. EGRESS WINDOW 5. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING '	· ·
BEYOND WINDOW(S) ON ALL SIDES U.N.O. 6. SITE-BUILT COLUMN - SEE ELEVATION FOR TYP 7. CONCRETE SLAB, SLOPE I/4" PER FT. MIN. SEI	DIVISION MGR.: MCP
<ol> <li>CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEI SIZE.</li> </ol>	REVISIONS: 08/29/19
	# 1 NC19015NCP- 01/23/19 MCP
SLAB PLAN NOTES	DIVISION REVISION 2019 NG-R 2 DIVISION REVISION NCI9005NCP- 02/22/19 MCP
OTE: NOT ALL KEY NOTES APPLY.	
CONCRETE PATIO/PORCH SLAB PER STRUCTUR/ I/4" PER FT. MIN.	" <u>3</u> NCI9029NCF- 04/22/19 MCP
: CONCRETE GARAGE SLAB PER STRUCTURAL- S I'-O" MIN. TOWARD DOOR OPENING.	DIVISION REVISION
. CONCRETE FOUNDATION PER STRUCTURAL.	* 4 NC19055NCP- 08/29/19 FAE
. CONCRETE STOOP: 36"x36" STANDARD SLOPE 1/4" PER FT. MIN.	
. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. FROM GARAGE DOOR OPENING.	AWAY
<ul> <li>PROVIDE ELECTRICAL CONDUIT UNDER SLAB A VERIFY LOCATION.</li> </ul>	T ISLAND.
. 5" BRICK LEDGE FOR MASONRY VENEER.	
<ul> <li>3" DIAMETER CONCRETE FILLED PIPE BOLLARI WITH MIN. 12" EMBEDMENT INTO CONCRETE.</li> </ul>	-
. REFER TO CIVIL DRAWINGS FOR ALL FINISH SU ELEVATIONS.	RFACE
<ol> <li>VERIFY ALL PLUMBING STUB DIMENSIONS SHOW PRIOR TO POUR OF SLAB.</li> </ol>	
. 4" MIN. 8 1/4" MAX. TO HARD SURFACE.	
2. A/C PAD. VERIFY LOCATION. 3. 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN.	
	PLAN:
	240.3174-R
<u>OTE:</u> EFER TO BASIC <u>FLOOR PLAN</u> FOR INFORMATION 1 HONN HERE	SHEET:
OTE: EFFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION N HOMN HERE	<sup>∞⊤</sup> SPEC. LEVEL 1
OTE: CEFER TO BASIC <u>FLOOR FLAN</u> FOR INFORMATION 1 HOMN HERE	
OTE: EFER TO BASIC <u>SLAB PLAN</u> FOR INFORMATION NO HOWN HERE	



20'XIO' EXTENDED COVERED SCREENED PATIO AT SLAB ON GRADE

# ELEVATION NOTES	· · · · · ·
<u>OTE:</u> NOT ALL KEY NOTES APPLY. ROOF MATERIAL - REFER TO ROOF NOTES	8
2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP	
3. G.I. FLASHING 4. G.I. FLASHING & SADDLE/CRICKET	
6. GI. DRIP SCREED	
24"x24" CHIMNEY	
. DECORATIVE VENT D. DECORATIVE CORBEL	I HOME I
DECORATIVE SHUTTERS	
0. PEDIMENT. SEE ELEVATION FOR TYPE I. RECESSED ELEMENT	∣. <b>∟</b> ®.
1. RECESSED ELEMENT 2. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE	
3. TRIM - SEE ELEVATION FOR SIZE	
4. SYNTHETIC MATERIAL 5. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)	
FYPON OR EQ. SURROUNDING STRUCTURAL POST.	
6. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 7. SHAKE SIDING	Harnett
8. STONE VENEER PER SPECS	
9. BRICK/MASONRY VENEER PER SPECS	MASTER SET
20. BUILT UP BRICK COLUMN	
21. SOLDIER COURSE	
22. ROWLOCK COURSE 23. FRIEZE BOARD	
24. SIDING W/ 4" CORNER TRIM PER SPECS	
25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM	
27. LIGHT WEIGHT PRECAST STONE TRIM	NORTH CAROLINA
28. RAILINGS (+36" U.N.O.)	40' SERIES
29. VINYL WRAP 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE	
ELEVATION FOR SIZE.	KB HOME
31. BRACKET OR KICKER - FYPHON OR EQ. 32. ENTRY DOOR	NORTH CAROLINA DIVISION
33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.	4518 S. MIAMI BLVD.
34. SECTIONAL GARAGE DOOR PER SPECS 35. ALUMINUM WRAP	SUITE 180
36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703
37. OPTIONAL STANDING SEAM METAL ROOF	■ TEL: (919) 768-7988 ■ FAX: (919) 472-0582
38. KEYSTONE 39. SOLDIER CROWN	
10. JACK SOLDIER COURSE	
H. WATER TABLE 12. ATRIUM DOOR	
13. PILASTER - SEE ELEVATION FOR TYPE	2018 NOPTH
PARTIAL PLAN NOTES	2018 NORTH
OTE: NOT ALL KEY NOTES APPLY.	CAROLINA STATE
IOTE: NOT ALL KEY NOTES APPLY. 17. WATER HEATER LOCATION: - FOR GAS - LOCATE ON IB" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & PLATER ID VETALLS 20. WATER HEATER B' VENT TO OUTSIDE AIR 20. WATER HEATER B' VENT TO OUTSIDE AIR	
29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	BUILDING
9. LINE OF WALL BELOW 1. LINE OF FLOOR ABOVE	
H. LINE OF FLOOR ABOVE 12. LINE OF FLOOR BELOW 13. MIN 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)	CODES
13. MIN. 36" HIGH QUARDRAIL (REFER TO DETAIL SHEETS) 20. A/C PAD LOCATION 31. LOW WALL - REFER TO PLAN FOR HEIGHT	
52. 2×6 STUD WALL 54. DBL. 2×4 WALL PER PLAN	
55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT 57. FLAT SOFFIT	
8. ARCHED SOFFIT 60. OPT. DOOR/ WINDOW	
<ol> <li>PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.</li> </ol>	
2. BRICK / STONE VENEER - REFER TO ELEVATIONS 3. SECTIONAL GARAGE DOOR PER SPECS	
6. 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).	
1847 HATH. 18. P.T. POST W VINYL WRAP. 10. EGRESS WINDOW	ISSUE DATE: 07/31/18
5 WINDOW LEDGE HEIGHT & WIDTH OF OPENING TO EXTEND 6"	PROJECT No.: 1350999:56
BEYOND WINDOW(S) ON ALL SIDES U.N.O. 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 17. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR	DIVISION MGR.: MCP
SIZE.	REVISIONS: 08/29/19
	2018 CODE UPDATE NCI90ISNCP- 01/23/19 MCP
	I _ NCI90ISNCP- 01/23/19 MCP
# SLAB PLAN NOTES	DIVISION REVISION
KOTE: NOT ALL KEY NOTES APPLY.	
. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.	B 3 DIVISION REVISION NCI9029NCP- 64/22/19 MCP
2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1'-0" MIN. TOWARD DOOR OPENING.	
1'-0" MIN. TOWARD DOOR OPENING. B. CONCRETE FOUNDATION PER STRUCTURAL.	DIVISION REVISION NCI9055NCP- 05/29/19 FAE
4. CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.	DIVISION REVISION
5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY	
FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND.	
VERIFY LOCATION.	<b>B B</b>
. 5" BRICK LEDGE FOR MASONRY VENEER. 3. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH	
<ol> <li>5" BRICK LEDGE FOR MASONRY VENEER.</li> <li>3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.</li> </ol>	•
. 5° BRICK LEDGE FOR MASONRY VENEER. , 3° DIAMETER CONCRETE FILLED PIPE BOLLARD 36° HIGH WITH MIN. 12° EMBEDMENT INTO CONCRETE. , REFER TO CIVIL DRAMINGS FOR ALL FINISH SURFACE ELEVATIONS.	
5" BRICK LEDGE FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAMINGS FOR ALL FINISH SURFACE ELEVATIONS.	
<ul> <li>5" BRICK LEDGE FOR MASONRY VENEER.</li> <li>5" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDWENT INTO CONCRETE.</li> <li>REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.</li> <li>VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO FOUR OF SUAB.</li> <li>4" MIN. 6 I/4" MAX. TO HARD SURFACE.</li> </ul>	• •
<ol> <li>5" BRICK LEDGE FOR MASONRY VENEER.</li> <li>3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDWENT INTO CONCRETE.</li> <li>REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.</li> <li>VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO FOUR OF SLAB.</li> <li>4" MIN. 8 1/4" MAX. TO HARD SURFACE.</li> <li>A/C PAD. VERIFY LOCATION.</li> </ol>	· · ·
<ol> <li>5" BRICK LEDGE FOR MAGONRY VENEER.</li> <li>3" DIAMETER CONCRETE FILLED PIPE DOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.</li> <li>REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.</li> <li>VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.</li> </ol>	PLAN:
<ol> <li>5" BRICK LEDGE FOR MASONRY VENEER.</li> <li>3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEMBENT INTO CONCRETE.</li> <li>REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.</li> <li>VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO FOUR OF SLAB.</li> <li>4" MIN. 8 1/4" MAX. TO HARD SURFACE.</li> <li>A/C PAD. VERIFY LOCATION.</li> </ol>	PLAN: 240.3174-R
<ol> <li>5" BRICK LEDGE FOR MASONRY VENEER.</li> <li>3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEMBENT INTO CONCRETE.</li> <li>REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.</li> <li>VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO FOUR OF SLAB.</li> <li>4" MIN. 8 1/4" MAX. TO HARD SURFACE.</li> <li>A/C PAD. VERIFY LOCATION.</li> </ol>	. 240.3174-R
<ol> <li>5" BRICK LEDGE FOR MASONRY VENEER.</li> <li>3" DIAMETER CONCRETE ILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.</li> <li>REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.</li> <li>VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO FOUR OF SUAB.</li> <li>4" MIN. 8 1/4" MAX. TO HARD SURFACE.</li> <li>A/C PAD. VERIFY LOCATION.</li> <li>36" MIDE WALKWAY'S SLOPE 1/4" PER FT. MIN.</li> </ol>	240.3174-R
<ol> <li>5" BRICK LEDGE FOR MASONRY VENEER.</li> <li>3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEMBENT INTO CONCRETE.</li> <li>REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.</li> <li>VERIFY ALL PLUMBING STUD DIMENSIONS SHOWN HERE PRIOR TO FORD OF SLAB.</li> <li>4" MIN. 8 I/4" MAX. TO HARD SURFACE.</li> <li>A/C PAD. VERIFY LOCATION.</li> <li>36" MIDE WALKWAY' SLOPE I/4" PER FT. MIN.</li> </ol>	. 240.3174-R
<ol> <li>5" BRICK LEDGE FOR MASONRY VENEER.</li> <li>3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEMBENT INTO CONCRETE.</li> <li>REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.</li> <li>VERIFY ALL PLUMBING STUD DIMENSIONS SHOWN HERE FRIOR TO FOUR OF SLAB.</li> <li>4" MIN. 8 I/4" MAX. TO HARD SURFACE.</li> <li>A/C PAD. VERIFY LOCATION.</li> <li>36" MIDE WALKWAY- SLOPE I/4" PER FT. MIN.</li> </ol>	240.3174-R
5" BRICK LEDGE FOR MASONRY VENEER.     3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEMMENT INTO CONCRETE.     12" EMBEMMENT INTO CONCRETE.     14" MIN. 21" EMBEMMENT INTO CONCRETE.     14" MIN. 20" ELEVATIONS FOR ALL FINISH SURFACE ELEVATIONS.     14" MIN. 20" ELEVATIONS STUD DIMENSIONS SHOWN HERE FRIOR TO FOUR OF 3LAB.     4" MIN. 20 I/4" MAX. TO HARD SURFACE.     2. A/C PAD. VERIFY LOCATION.     3. 36" MIDE WALKWAY' SLOPE I/4" PER FT. MIN.      10"ELEVATIONS.     15" ELEVATIONS FOR INFORMATION NOT HERE      10"ELEVATIONS FOR INFORMATION NOT	240.3174-R SHEET: 8.4
5" BRICK LEDGE FOR MASONRY VENEER.     3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEMMENT INTO CONCRETE.     12" EMBEMMENT INTO CONCRETE.     14" MIN. 21" EMBEMMENT INTO CONCRETE.     14" MIN. 20" ELEVATIONS 5TOR ALL FINISH SURFACE ELEVATIONS.     14" MIN. 20" ELEVATIONS 5TOR DIMENSIONS SHOWN HERE FRIOR TO FOUR OF 3LAB.     4" MIN. 20" ALL PLIMBING STUD DIMENSIONS SHOWN HERE FRIOR TO FOUR OF 3LAB.     4" MIN. 20" ALL PLIMBING STUD DIMENSIONS SHOWN HERE BOTTEL ELEVATIONS.     14" MIN. 20" ELEVATION.     15" MIDE WALKWAY- SLOPE 1/4" PER FT. MIN.     15"     15" MIDE WALKWAY- SLOPE 1/4" PER FT. MIN.     15"     15" MIDE WALKWAY- SLOPE 1/4" PER FT. MIN.     15"     15" MIDE WALKWAY- SLOPE 1/4" PER FT. MIN.     15"     15" MIDE WALKWAY- SLOPE 1/4" PER FT. MIN.     15"     15" MIDE WALKWAY- SLOPE 1/4" PER FT. MIN.     15"     15" MIDE WALKWAY- SLOPE 1/4" PER FT. MIN.     15"     15" MIDE WALKWAY- SLOPE 1/4" PER FT. MIN.     15"     15" MIDE WALKWAY- SLOPE 1/4" PER FT. MIN.     15"     15" MIDE WALKWAY- SLOPE 1/4" PER FT. MIN.     15"     15" MIDE WALKWAY- SLOPE 1/4" PER FT. MIN.     15"	240.3174-R
1. 5" BRICK LEDGE FOR MASONRY VENEER. 3. 5" DIAMETER CONCRETE FILLED PIPE BOLLARD 56" HIGH WITH MIN. 12" EMBEMBENT INTO CONCRETE. 1. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. 3. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE FRIOR TO FOUR OF SULAB. 3. 4" MIN. 8 I/4" MAX. TO HARD SURFACE. 2. A/C PAD. VERIFY LOCATION. 3. 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN. 3. 4" 4"#FTER TO BASIC ELEVATIONS FOR INFORMATION NOT 4. 4"#FTER TO BASIC ELEVATION FOR MATION NOT 4. 4"#FTER TO BASIC ELEVATIONS FOR MATION NOT 4. 4"#FTER TO BASIC ELEVATIONS FOR PLAN FOR MATION NOT 4. 4"#FTER TO BASIC ELEVATIONS FOR PLAN FOR MATION NOT 4. 4"#FTER TO B	240.3174-R SHEET: 8.4 SPEC. LEVEL 1
5" BRICK LEDGE FOR MASONRY VENEER.     3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEMMENT INTO CONCRETE.     12" EMBEMMENT INTO CONCRETE.     14" MIN. 21" EMBEMMENT INTO CONCRETE.     14" MIN. 20" ELEVATIONS FOR ALL FINISH SURFACE ELEVATIONS.     14" MIN. 20" ELEVATIONS STUD DIMENSIONS SHOWN HERE FRIOR TO FOUR OF 3LAB.     4" MIN. 20 I/4" MAX. TO HARD SURFACE.     2. A/C PAD. VERIFY LOCATION.     3. 36" MIDE WALKWAY' SLOPE I/4" PER FT. MIN.      10"	240.3174-R SHEET: 8.4



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F.M. SEE SPECS 8'-0" CLG. OPT. 9-0" CLG.

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AD6

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F.M. SEE SPECS 8'-0" CLG. OPT. 9'-0" CLG.

PARTIAL FIRST FLOOR PLAN



CRAWL SPACE

PARTIAL CRAWL SPACE PLAN

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

PARTIAL ROOF PLAN

໌ຣັ ADI

AREA 3

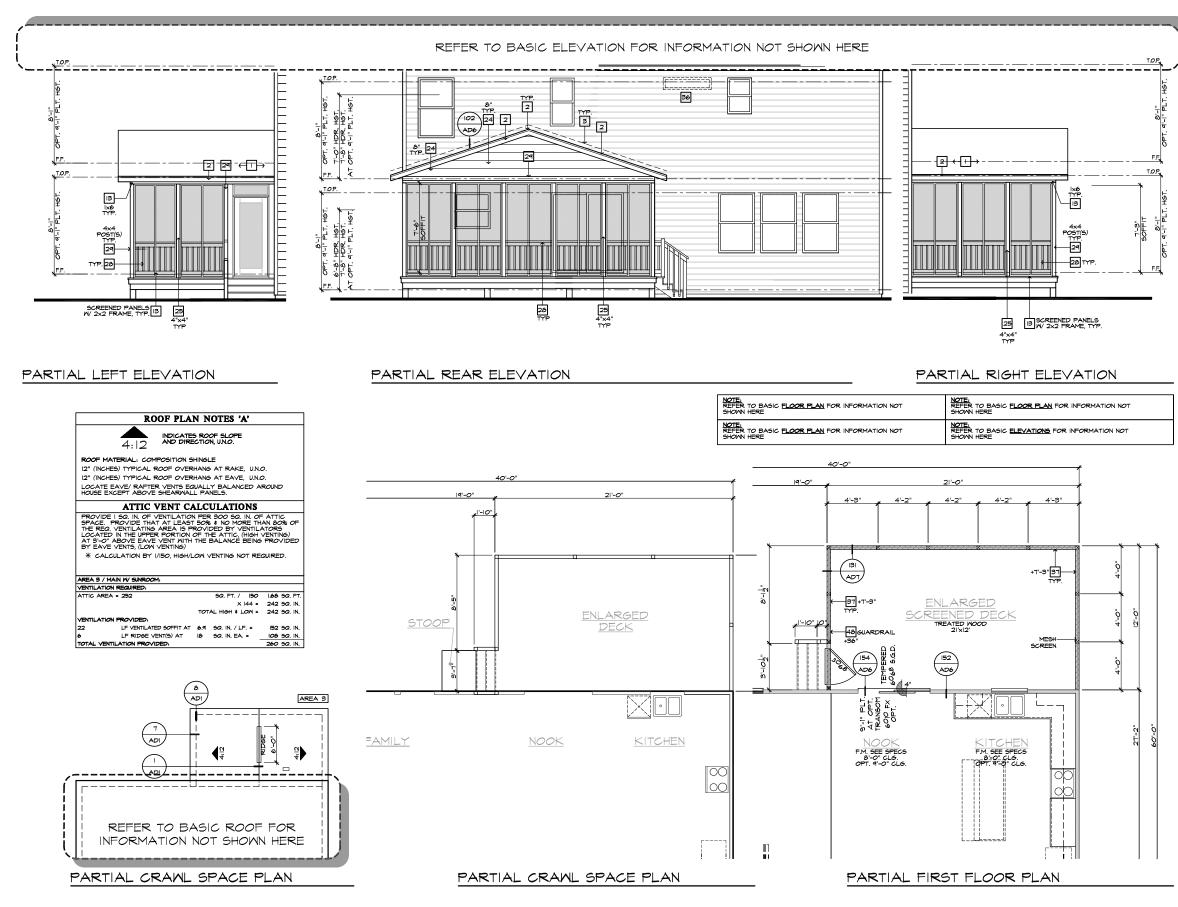
**RB6** 

**4**<sup>4</sup> ⊒

REFER TO BASIC ROOF FOR

INFORMATION NOT SHOWN HERE

#	ELEVATION NOTES	• •		8	•	
	E: NOT ALL KEY NOTES APPLY.					
۱. 2.	ROOF MATERIAL - REFER TO ROOF NOTES 2X FASCIA/BARGE BOARD WITH FASCIA CAP	8				
з.	G.I. FLASHING					
4. 5.	G.I. FLASHING & SADDLE/CRICKET G.I. DRIP SCREED		K	K		
6.	24"x24" CHIMNEY	8				
7. 8.	DECORATIVE VENT DECORATIVE CORBEL		H	0	ME	
9.	DECORATIVE SHUTTERS	2				
10. 11.	PEDIMENT. SEE ELEVATION FOR TYPE RECESSED ELEMENT	,┗━				
	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE					
13. 14.	TRIM - SEE ELEVATION FOR SIZE SYNTHETIC MATERIAL		•	P	•	•
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.		. /	T	E.	<b>\</b>
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	P 1	`/#			×.
	SHAKE SIDING STONE VENEER PER SPECS	- (	4	50	Harnet	
	BRICK/MASONRY VENEER PER SPECS	t	- 1	MAS	TER SET	- H
20.	BUILT UP BRICK COLUMN		H-	02/	D1/2022	H
	SOLDIER COURSE ROWLOCK COURSE		Ľ, K			$\mathcal{P}_{\perp}$
	FRIEZE BOARD	• •	•			
	SIDING W/4" CORNER TRIM PER SPECS P.T. POST W/WRAP - SEE STRUCTURAL FOR SIZE					
	PRE-FAB DECORATIVE TRIM	NOF	TF	I C	ARC	) LIN
		8				
	RAILINGS (+36" U.N.O.) VINYL WRAP	4	U'	SF	ERI	ES
	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.	•		KB H	IOME	
	BRACKET OR KICKER - FYPHON OR EQ.	NORT				IVISIO
	ENTRY DOOR CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN,	- 45	18 9	s. м	IAMI I	BLVD
34.	SECTIONAL GARAGE DOOR PER SPECS	•	S	UITE	180	
	ALUMINUM WRAP OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS				NC 27	
37.	OPTIONAL STANDING SEAM METAL ROOF				768-	
	KEYSTONE SOLDIER CROWN	FA	X: ('	919)	472-	0582
	JACK SOLDIER COURSE				•	
	WATER TABLE ATRIUM DOOR			8		
43.	PILASTER - SEE ELEVATION FOR TYPE	2	015	≀ N	ORI	гн
#	PARTIAL PLAN NOTES					
<u>NO1</u> 27.	EN OT ALL KEY KOTES APPLY. WATER HEATER LOCATION - FOR GAS - LOCATE ON 10° HIGH PLATFORM - FOR INTEROR LOCATION - PROVIDE PAN & DRAIN, (REFER TO DETAILS) WATER HEATER 18 VENT TO UTSIDE AIR WAINLINE SUT-OFF VALVE AND TEMP. & PRESSURE RELIEF	CAF	lO	LIN	IA S	TAT
28	DRAIN. (REFER TO DETAILS) MATER HEATER 'B' VENT TO OUTSIDE AIR		י סדו	ודדו	DIN	ດ່
29.			DU '			u"
59. 41. 42	LINE OF FLOOR ABOVE		(	COI	DES	
48	MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) A/C PAD LOCATION			8	8	•
51. 52. 54	LOW WALL - REFER TO PLAN FOR HEIGHT 2x6 STUD WALL DBL, 2x4 WALL PER PLAN					
55. 57.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT		•	8	p	
58. 60.	FLAT SOFFIT ARCHED SOFFIT OPT. DOOR/ WINDOW					
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROLNDING STRUCTURAL POST. BRICK / STORE VENEER - REFER TO ELEVATIONS SECTIONAL GARAGE DOOR PER SPECS					
62. 63. 66.	BRICK / SIONE VENEER - REFER TO ELEVATIONS SECTIONAL GARAGE DOOR PER SPECS 3" DIAM CONCRETE FILLED RIPE BOLLARD 36" HIGH WITH					
00.	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).				<b>P</b>	<b>.</b>
68. 70.	P.T. POST W VINYL WRAP. EGRESS MINDOM	ISSU: PROJ				/31/18 999:56
15. 76	MINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE			MGR.		MCP
10. TT.	PILFUS INV VINT ARAF. ENERGY INVOLUTE A RUDTH OF OPENING TO EXTEND 6" NETYOND MINDOWISI ON ALL SIDES UNO SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE.	REVIS				/29/19
		$\wedge$	2018 (	CODE U	, JPDATE	,
		■ <u>∕</u> 1∖	NC19	ISNCP	01/23/19	MCP
#	FOUNDATION PLAN NOTES	■ <u>^</u>	DIVIS	ION R	EVISION	MCB
	TE: NOT ALL KEY NOTES APPLY.					
1.	CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.	■ <b>/</b> 3			EVISION 04/22/19	
2.	CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1'-0" MIN. TOWARD DOOR OPENING.		DIVIG	IION P	EVISION	T
З. 4.	FOUNDATION PER STRUCTURAL. STAIR LANDING: 36"x36" MIN.	ª ∠₄∖	NC19	SSNCP	08/29/19	FAE
<del>4</del> . 5.	CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY	• 🏠	DIVIS		EVISION	
6.	FROM GARAGE DOOR OPENING. PROVIDE UNDER FLOOR VENTILATION		110.20	JI NUP	- 93193120	- 284
٦.	4" TOE KICK FOR MASONRY VENEER.	P				
8.	3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.					
		•				
9.	REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.					
10.	VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL	-				
II. 12.	4" MIN. 7 3/4" MAX, TO HARD SURFACE. A/C PAD. VERIFY LOCATION.					
13.	CRAWL SPACE ACCESS					
	36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.		AN:			
	E: R© 2019+6-R CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION		24(	J.31	74-	<b>K</b> [
R40 THE	29. CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER				SHE	ET:
NC-	R SECTION R409.2.					8.5
	TER TO BASIC FLOOR FLAN FOR INFORMATION NOT				'	J.J
SHC	WN HERE			" 	8	P
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SHC	TER TO BASIC FLOOR PLAN FOR INFORMATION NOT WIN HERE E. E. D. BASIC FLEVATIONS FOR INFORMATION NOT	4	0'	ŜF	Ē	ËS



21'x12' SCREENED-IN DECK 'A/B/C/D' AT CRAWL SPACE

	#	ELEVATION NOTES	] " .		8	•	8
		E: NOT ALL KEY NOTES APPLY.	]. <b>[</b>				
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	1.	DECORATIVE SHUTTERS	<b>–</b>				
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	5.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)			A		
	6.			*/	$\gamma$		7
	7.	SHAKE SIDING		H	56	Harnett	H
				H	~	NORTH CAROLINA	Ή
	ч.	BRICK/MASONRY VENEER PER SPECS		11		-	Ш.
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		DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE			~ _		-
<ul> <li>22. ENTRY DOR</li> <li>23. CONCRETE STOOP FORCH - SEE SLAB INTERACE FLAN.</li> <li>24. SCIONAL DARAGE DOOR FER SPECS</li> <li>25. ALVINAM MAR</li> <li>26. OUTCAL DOGRATINGON - REFER TO PLAN OPTIONS</li> <li>26. SCIONAL DOGRATINGON - REFER TO PLAN OPTIONS</li> <li>27. SCIONER CROWN</li> <li>28. SALVER RELEVATION FOR TYPE</li> <li>28. PLANTER - SEE ELEVATION FOR TYPE</li> <li>29. PLANTER - SEE ELEVATION FOR TYPE</li> <li>20. SCIONE CROWN</li> <li>20. SALVER HATER 'DOGRATING' AND THE ARE SALVER RELEVATIONS'</li> <li>20. SALVER HATER' DOGRATING' AND THE ARE SALVER RELEVATIONS'</li> <li>20. SALVER HATER' DOGRATING FOR THE SALVER RELEVATIONS'</li> <li>20. SALVER HATER' DOGRATING FOR THE TO DETAIL SHEETS'</li> <li>20. SALVEL FER TO PLAN FOR HEIGHT</li> <li>20. SALVEL FER TO SALVER SECTIONS</li> <li>20. SALVER SECTIONS AND SECTIONS TO PLAN FOR HEIGHT</li> <li>20. SALVER SECTIONS AND SECTIONS TO SALVER SECTIONS</li> <li>20. SALVER SECTIONS AND S</li></ul>		ELEVATION FOR SIZE.		יזייקס			תפיה
<ul> <li>B. CONCRETE STOOP PORCH - SEE SLAB INTERACE PLAN.</li> <li>SECTIONAL GRANGE DOOR FIRE SPECS</li> <li>ALMINIM MRAP</li> <li>OPTIONAL DOORNINGON - REFER TO PLAN OPTIONS</li> <li>STOOPLOADSTANDING SCAM METAL ROOF</li> <li>SECTIONAL STANDING SCAM METAL ROOF TO SCATCH SCAMPAGE</li> <li>SALANG SCALL PERCENTION DECORATIVE COLLEMA (SEE SEE LEV.)</li> <li>MATCH LEART ROT PLAN HOR HEIGHT</li> <li>SALANG SCALL FER PLAN HOR HEIGHT SALANG SCALL FER PLAN HOR</li> <li>STORLANG METAL HUDT OF ORTHER TO REACH SCALL SCALL SCALL FOR THE HEIGHT SALANG SCALL FER PLAN HOR</li> <li>STORLANG SCALL FER PLAN HOR HEIGHT SALANG SCALL FER PLAN HOR</li> <li>STORLANG SCALL FER PLAN HOR HEIGHT SALANG SCALL FER PLAN HOR</li> <li>STORLANG SCALL FER PLAN HOR HEIGHT SALANG SCALL FER PLAN HOR</li> <li>STORLANG SCALL FER PLAN HUDT OF ORTHER STANDARY SCALL FER PLAN HUDT AND HEIGHT SALANG SCALL FER PLAN HUDT AND /li></ul>				RTH	CAROL	JINA DIV	1510
<ul> <li>SHOTMAL ARAGE DOOR PER SPECS</li> <li>ALMINUM HARP</li> <li>SALDINAM HARP</li> <li>SALDINAM HARP</li> <li>SALDINAM HARP</li> <li>SOUTIE COARDINGON - GETER TO PLAN OPTIONS</li> <li>SOUTIE COARDING SAM METAL ROOF</li> <li>SOUTIE COARDIN</li> <li>SOUTIE COARDIN</li> <li>SALDINAM HARP</li> <li>SOUTIE COARDIN</li> <li>SALDINAM HARP</li> /ul>			.	4518	8 S. MI	IAMI BI	VD.
B. ALLINAM NRAP S. OPTICAL DECRAINSON - REFER TO PLAN OPTIONS ST. OPTICAL STANDING SEAN METAL ROOT SI. CONTINUE TANDING SEAN METAL ROOT SI. CONTINUE TANDING SEAN METAL ROOT SI. CONTINUE CONSER 4. MATER TABLE 2. ATRUM DOR 3. PLANTIAL LENA NORE AND S. MATER HARDE 2. ATRUM DOR 3. PLANTIAL LENA NORE SAM. S. MATER HARDE 2. MARCH ALL REPLATION FOR TYPE T. MATEL ALL SPECIAL CATION FOR TYPE 3. CONTINUE OF SAM. S. MATER HARDE 3. MARCH ALL SPECIAL CATION FOR TYPE 3. MARCH ALL SPECIAL CATION FOR SAM. COATE ON (B) HIGH S. MARCH ALL SPECIAL CATION FOR THE S. MARCH ALL SPECIAL CATION FOR THE 3. MARCH ALL SPECIAL CATION FOR THE 3. MARCH ALL SPECIAL S. MARCH ALL SPECIAL COATES 4. MARCH ALL SPECIAL 3. MARCH ALL SPECIAL CATION FOR THE 3. MARCH ALL SPECIAL 3. MARCH ALL SPECIAL 4. MARCH ALL SPECIAL 5. MARCH ALL SPECIAL 5. MARCH ALL SPECIAL SPECIAL 5. MARCH ALL SPECIAL SPECIAL SPECIAL 5. MARCH ALL SPECIAL SPECIAL 5. MARCH ALL SPECIAL SPECIAL 5. MARCH ALL SPECIAL SPECIAL SPECIAL 5. MARCH ALL SPECIAL SPECIAL SPECIAL SPECIAL 5. MARCH ALL SPECIAL SPECIAL SPECIAL SPECIAL SPECIAL SPECIAL 5. MARCH ALL SPECIAL SPEC	34.	SECTIONAL GARAGE DOOR PER SPECS					
				DUF	RHAM,	NC 277	03
<ul> <li>B. ENTENDALE</li> <li>S. ENTENDALE</li> <li>S. ENTENDALE</li> <li>S. ENTENDALE</li> <li>S. S. ENTENDALE</li> <li>S. S. ENTENDALE</li> <li>S. S. ENTENDALE</li> <li>S. AND SOLDIER COURSE</li> <li>MARTIE TABLE</li> <li>S. AND SOLDIER COURSE</li> <li>MARTIE TABLE</li> <li>S. AND SOLDIER COURSE</li> <li>MARTIE TABLE</li> <li>S. AND SOLDIER COURSE</li> <li>MARTIE ALL PLAN NOTES</li> <li>S. MARTIE MARTIE LOCATION - RECENT END SOLDIE ON 19 HIGH ENDIN METER TO DITALE JOCATION - RECENT END SOLDIE ON 19 HIGH ENDIN METER TO DITALE JOCATION - RECENT END SOLDIE ON 19 HIGH ENDIN METER TO PLAN FOR HIGHT</li> <li>MARTIE OF THE TO PLAN FOR HIGHT</li> <li>MARTIE OF THE TO PLAN FOR HIGHT</li> <li>MARTIE OF STRUCTURAL PERFER TO DIELY ATOMS</li> <li>S. W.J. B. C. ENTREMONDE DECORATIVE COLLINA (SIZE SEE ELEV.) FORM OF SOLDIES AND FEB STRUCTURAL POST.</li> <li>MARTIE AND THE SOLDARD DECORATIVE SOLDARD DE 'HON'TH MIN LIP EMERSION FOR COURSE THE LIP AND THE DIELY ATOMS</li> <li>S. D'IMA CORRETE FILLION STRUCTURAL POST.</li> <li>MARTIE NATURE SOLDARD DECORATIVE COLLARS DE 'HON'TH MIN LIP EMERSION FOR ANT ME COLLARS DE 'HON'TH MIN LIP EMERSION FOR ALL FOR FLAN</li> <li>MARTIE NATURE SANGE MAN</li> <li>MARTIE NATURE SANGE MAN</li> <li>MARTIE NATURE SANGE MAN STRUCTURAL SLOPE U/O'F FER TO COLCRETE SLAB. SLOPE LA'FER FT. MIN. AWAY</li> <li>MIN COMMENDE AND MING SOLO COLLARS DE 'HON'TH MIN LIP EMERSTEMENT INTO CONCRETE ILLIP OF THE FOLLARD BE'HIGH MINT MIN LIP EMERSTEMENT INTO CONCRETE IN MIN. AWAY</li> <li>MARTIE MANDING BARGE MIN</li> <li>MARTIE MANDING BARGE MAN</li> <li>MARTIE MANDING BARGE MAN</li> <li>MINTEON REVISION COLLARD SUPPACE</li> <li>MINTEON REVISION MARE SUPPAC</li></ul>			a '				
<ul> <li>29. SOLDER CROM</li> <li>20. MAK SOLDER CORRE</li> <li>41. MATE TABLE</li> <li>24. ATRIM DORR</li> <li>35. PILASTER - SEE ELEVATION FOR TYPE</li> <li>36. PILASTER - SEE ELEVATION FOR TYPE</li> <li>37. PLASTER - SEE ELEVATION FOR TYPE</li> <li>38. MAK THE MAKENER OF DIFFUSION CONTENTS</li> <li>39. WAKENER OF DIFFUSION CONTENTS</li> <li>30. WAKENER OF DIFFUSION CONTENTS</li> <li>30. WAKENER OF DIFFUSION CONTENTS</li> <li>31. PARTIAL PELON</li> <li>32. WAKENER OF DIFFUSION CONTENTS</li> <li>32. WAKENER OF DIFFUSION CONTENTS</li> <li>33. WAKENER OF DIFFUSION CONTENTS</li> <li>34. WAKENER OF DIFFUSION CONTENTS</li> <li>34. WAKENER OF DIFFUSION CONTENTS</li> <li>35. WAKENER OF DIFFUSION CONTENTS</li> <li>35. WAKENER OF DIFFUSION CONTENTS</li> <li>35. WAKENER OF DIFFUSION CONTENTS</li> <li>36. WAKENER OF DIFFUSION CONTENTS</li> <li>37. WAKENER OF DIFFUSION CONTENTS</li> <li>36. WAKENER OF DIFFUSION CONTENTS</li> <li>37. WAKENER OF DIFFUSION CONTENTS</li> <li>36. WAKENER OF DIFFUSION CONTENTS</li> <li>37. WAKENER OF DIFFUSION CONTENTS</li> <li>38. WAKENER OF DIFFUSION CONTENTS</li> <li>39. WAKENER OF DIFFUSION CONTENTS</li> <li>39. WAKENER OF DIFFUSION CONTENTS</li> <li>30. WAKENER OF DIFFUSION CONTENTS</li> <li>30. WAKENER OF DIFFUSION CONTENTS</li> <li>31. WAKENER OF DIFFUSION CONTENTS</li> <li>32. WAKENER OF DIFFUSION CONTENTS</li> <li>33. WAKENER OF DIFFUSION CONTENTS</li> <li>34. WAKENER OF DIFFUSION CONTENTS</li> <li>34. WAKENER OF DIFFUSION CONTENTS</li> <li>35. WAKENER OF DIFFUSION CONTENTS</li> <li>35. WAKENER OF DIFFUSION CONTENTS</li> <li>34. WAKENER OF DIFFUSION CONTENTS</li> <li>34. WAKENER OF DIFFUSION CONTENTS</li> <li>34. WAKENER OF MAKENER</li> <li>34. WAKENER OF CONTENTS FEE STANDARCHER</li> <li>35. WAKENER OF CONTENTS FEE STANDARCHER</li> <li>35. WAKENER OF CONTENTS FEE STANDARCHER</li> <li>36. WAKENER OF CONTENTS FEE STANDARCHER</li> <li>37. WAK</li></ul>							
	39.	SOLDIER CROWN		8			8
<ul> <li>42. ATELM DOOR</li> <li>43. PILASTE - SE ELIVATION FOR TYPE</li> <li>44. DECK TOT ALL RET NOTES APPLY.</li> <li>45. AND ALL RET NOTES APPLY.</li> <li>46. DECK DATA ALL RET NOTES APPLY.</li> <li>47. DECK DATA ALL RET NOTES APPLY.</li> <li>48. DECK DATA ALL RET NOTES APPLY.</li> <li>49. AND IN THE SECTION AND THE APPLY.</li> <li>40. DECK DATA ALL PER PLAN.</li> <li>40. DECK DATA ALL PER PLAN.</li> <li>41. DECK THE SECTION AND THE APPLY.</li> <li>41. DECK THE SECTION AND THE APPLY.</li> <li>42. DECK DATA ALL PER PLAN.</li> <li>42. DECK DATA ALL PER PLAN.</li> <li>43. DECK DATA ALL PER PLAN.</li> <li>44. DECK DET DOCUMENTS AND THE APPLY.</li> <li>44. DECK DET DOCUMENTS AND THE APPLY.</li> <li>45. DECK DATA ALL PER PLAN.</li> <li>46. DECK DET DOCUMENTS AND THE SECTION AND THE APPLY.</li> <li>47. DECK DET DOCUMENTS AND THE SECTION AND THE APPLY.</li> <li>47. DECK DET DOCUMENTS AND THE SECTION AND THE APPLY.</li> <li>47. DECK DET DOCUMENTS AND THE SECTION AND THE APPLY.</li> <li>47. DECK DET DOCUMENTS AND THE SECTION AND THE APPLY.</li> <li>47. DECK DET DOCUMENTS AND THE SECTION AND THE APPLY.</li> <li>47. DECK DET DOCUMENTS AND THE SECTION AND THE APPLY.</li> <li>47. DECK DET DOCUMENTS AND THE APPLY.</li> <li>47. DECK DECK DATA BOOK THE APPLY.</li> <li>47. DECK DECK DATA APPLY.</li> <li>48. DECK DECK DECK DATA APPLY.</li> <li>49. DECK DECK DATA APPLY.<!--</td--><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td></li></ul>			1				
<ul> <li>43. PILASTER - SEE ELEVATION FOR TYPE</li> <li> <b>PARTIAL PLAN NOTES STANKING PILATION FOR TYPE PARTIAL PLAN NOTES STANKING PILATION FOR TYPE CAROLINA STAT STANKING PILATION FOR PILA PILATION PILATION FOR PILATION FOR PILATION PILATION FOR PILATION FOR PILATION FOR PILATION FOR PILATION FOR PILATION PILATION FOR PILATION FOR PILATION PILATION FOR PILATION FOR PILATION FOR PILATION FOR PILATION PILATION PILATION PILATION PILATION FOR PILATION FOR PILATION FOR PILATION FOR PILATION PILATION PILATION FOR PILATION FOR PILATION FOR PILATION FOR PILATION FOR PILATION FOR PILATION PILATION PILATION FOR PILATION PI</b></li></ul>							
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29. [Ling of productions approximately and provide and provide approximately appro			•				10
29. [Ling of productions approximately and provide and provide approximately appro	τ <u>ργ</u>	E. NOT ALL KEY NOTES APPLY.	] CA	R	DLIN	IA ST	'AT
29. [Ling of productions approximately and provide and provide approximately appro	<b>~</b> 1.	PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS)					-
29. [Ling of productions approximately and provide and provide approximately appro	28.	WATER HEATER 'B' VENT TO OUTSIDE AIR MAIN I NE GHIT-OFF VALVE AND TEMP . BREGGIRE BE' 'FF	1	B	UILI	DING	ŕ
22       Like of FLOOR BELLON         24       Like of FLOOR BELLON         25       Like of MALL         25       Description         26       Description         27       Description         28       DESCRIPTION         29       DESCRIPTION         29       DESCRIPTION         20       DESCRIPTION         21       DESCRIPTION         22       DESCRIPTION         23       DESCRIPTION         24       DESCRIPTION         25       DESCRIPTION         26       DESCRIPTION         27	≤7. 3a						8
<ul> <li>Mill By By Het Charles Provide the sectors of the sectors of the sectors of the sector sectors of the sector sectors and the sectors of the sector</li></ul>	41 42	INE OF ELOOP RELOW	1		COI	DES	
LOW AND - RETER TO PLAN FOR HEIGHT     SPE. 34 NALL FER TIO PLAN FOR HEIGHT     SPE. 34 NALL FER TIO PLAN FOR HEIGHT     SPE. AN ALL FER TIO PLAN FOR HEIGHT     SPE. AN ALL FER TIO PLAN FOR HEIGHT     SPE. AN ADDRESS OF THE     SPECIAL SACRED SOFFIT     SPECIAL SACRED SOFFIT     SPECIAL SACRED PEOCRATIVE COLUMN (SIZE, SEE ELEV.)     PREFMAN TONE VENEER. REFER TO ELEVATIONS     SPECIAL SACRED PEOCRATIVE COLUMN (SIZE, SEE ELEV.)     PREFMAN TONE VENEER. REFER TO ELEVATIONS     SPECIAL SACRED PEOCRATIVE COLUMN (SIZE, SEE ELEV.)     PREVABURING TO EXTERD PEOCRATIVE COLUMN (SIZE, SEE ELEV.)     PREVABURING TO EXTERD PEOCRATIVE COLUMN (SIZE, SEE ELEV.)     PREVABURING TO EXTERD PEOCRATIVE COLUMN (SIZE, SEE ELEV.)     SPECIAL SACRED PEOR THE PEOCLARD SO HIGH WITH     MIX (SIGNATION PEOR TELEVATION      MIX (SIGNATION PEOR STRUCTURAL- SLOPE 1/8' PER     COUNCETE SARAGE SLAB PER STRUCTURAL- SLOPE 1/8' PER     COUNCETE SARAGE SLAB PER STRUCTURAL- SLOPE 1/8' PER     COUNCETE PATIONOCOCH SLAB PER STRUCTURAL-	18	MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS) A/C PAD LOCATION					P
54. DEL: 2x4 WALL FER FLAN         51. INTERIOR WHEP: - REPERT TO PLAN FOR HEIGHT         51. OCCUPENTIONS         52. OPT. DOX: WINDOW         51. PLEX, CARRY WINDOW         51. PLEX, CARRY WINDOW         52. DECK, STORE VIEED: LECTORATIVE COLLAND 85* HIGH WITH         MIN, I2* EMBEDNET INTO CONCRETE.         MOT REQUEED AT LED FIFE BOLLARD 36* HIGH WITH         MIN, I2* EMBEDNET INTO CONCRETE.         MOT REQUED AT LED SETURION OF OPENING TO EXTEND 6*         16. BETORD MINDOW SONALL SUDED JANO         17. DOTOR UNDOWNS ON ALL SUDED JANO         18. ENDOW MINDOWNS ON ALL SUDED JANO         19. CONCRETE SLAB. SLOPE I/4* PER FT. MIN. SEE PLAN FOR         19. CONCRETE PATIONPORTH SLAB PER STRUCTURAL- SLOPE         14* TERT FT MIN.         2. CONDATION PELAN NOTES         MEDEL FOR TORONON STRUCTURAL.         3. FOUNDATION PELAN NOTES         2. CONDATION PERFECTOR STRUCTURAL- SLOPE         14* TERT FT ANDING SONE MEDITING         2. CONDATION PERFECTOR COMMENT         3. FOUNDATION PELAN NOTES         3. FOUNDATION PELAN STRUCTURAL.         3. CONDELTORON SONE MEDIZIONON COMMING         3. CONDELTORON OFENING.         3. FOUNDATION PELAN NOTES         3. FOUNDATION PERFECONCETT STRUCTURAL.         3. TO NAMEDING SONE MEDIZIONON MEDIZIONON ME	51.	LOW WALL - REFER TO PLAN FOR HEIGHT	1				
27. FLAT SOFFIT         28. ARC HED SCHEMED         28. ARC HED SCHEMED         28. ORD FARMED DECORATIVE COLUMN (SIZE, SEE ELEV.)         29. BRICK / STORE VENEER - REFER TO ELEVATIONS         29. BRICK / STORE VENEER - REFER TO ELEVATIONS         20. BRICK / STORE VENEER - REFER TO ELEVATIONS         29. BRICK / STORE VENEER - REFER TO ELEVATIONS         29. BRICK / STORE VENEER - REFER TO ELEVATIONS         20. BRICK / STORE VENEER - REFER TO ELEVATIONS         20. BRICK / STORE VENEER         20. VIDEOR VENER / SUBJER OF THE STRUCTURAL         20. BRICK / STORE VENER         20. BRICK / STORE VENER         20. POLICE REFER TO CIVIL DRAVINGS FOR ALL FINISH SURFACE         21. ARC PROJECTION OF PIER FORTING SER         21. ARC PROJECTION FOR MERORING FOR ALL F	54.	DBL. 2x4 WALL PER PLAN		8			8
90. OFT. DOOR / MINDON         91. PRE-MANYACTURED DECORATIVE COULAN (SIZE, SEE ELEV)         92. PREVAL OF EQUIVERATIVE COULAN (SIZE, SEE ELEV)         93. PLAN, CONCRETE FILLED PIPE BOLLARD BS' HIGH WITH INI, 12' EMBEDMENT INTO CONCRETE INTO AN ELEVEL BUCKS UNDOR TO EXTEND 6'         95. PRIVATION PLAN NOTES         95. PRIVATE SLABE, SLOPE 1/4' PER FT. MIN. SEE PLAN FOR         95. PRIVATE SARE SLABE PER STRUCTURAL- SLOPE 1/6' PER TO MORES SUBON RUSSIONE 60/20/19 MCP         10. CONCRETE PATIO/PER STRUCTURAL.         10. OT MEN TRUE ALLEN         10. CONCRETE PATIO/PER STRUCTURAL.         10. OT MENTAL PARAMED DOOR OFENING.         10. CONCRETE PLOOR VENING.         10. CONCRETE PLOOR OFENING.         10. CONCRETE PLOOR OFENING.         10. CONCRETE PLOOR VENING.         10. CONCRETE PLOOR VENING.         10. CONCRETE PLOOR OFENING.         10. CONCRETE PLOOR VENER.         10. FORMORY VENER         10. CONCRETE PLOOR VENTING.	57.	FLAT SOFFIT ARCHER SOFFIT	1				
<ul> <li>BY ON GR ED. SURROANDING STRUCTURAL POST.</li> <li>BY OLAY CONCENT FILLED PIPE BOLLARD 36' HIGH WITH MIN. 2'' ENGEDMENT INTO CONCERT.</li> <li>MIN D'A CONCENT FILLED PIPE BOLLARD 36' HIGH WITH MIN. 2'' ENGEDMENT INTO CONCENT.</li> <li>BY DIAM CONCENT FILLED PIPE BOLLARD 36' HIGH WITH MIN. 2'' ENGEDMENT INTO CONCENT.</li> <li>BY DIAM CONCENT FILLED PIPE BOLLARD 36' HIGH WITH MIN. 2'' ENGEDMENT INTO CONCENT.</li> <li>BY DIAM CONCENT FILLED PIPE BOLLARD 36' HIGH WITH MIN. 2'' ENGEDMENT INTO CONCENT FILE I'' CONCENT PATION FOR THE STRUCTURAL- SLOPE 1/8'' FER.</li> <li>CONCENTE PATION FOR STRUCTURAL.</li> <li>STAIR LANDING 36'X36'' MIN.</li> <li>CONCENTE PATION FOR STRUCTURAL.</li> <li>STAIR LANDING 36'X36'' MIN.</li> <li>CONCENTE PATION FOR STRUCTURAL.</li> <li>STAIR LANDING 36'X36'' MIN.</li> <li>CONCENTE PATION FOR STRUCTURAL.</li> <li>STAIR LANDING SG'X36'' MIN.</li> <li>CONCENTE PATION FOR STRUCTURAL.</li> <li>STAIR LANDING SG'X36'' MIN.</li> <li>CONCENTE PATION FOR STRUCTURAL.</li> <li>STRUCTURAL</li> <li>STRUCTURAL</li> <li>MIN T 3/4' MAX. TO HARD SURFACE.</li> <li>AC RAPU LOCATION OF PIER FOOTINGS FER STRUCTURAL</li> <li>STRUCTURAL</li> <li>STRUCTUR</li></ul>	60.	OPT. DOOR/ WINDOW	<b>P</b>		P		P
20 Server and the product of the pr	6I.	FRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.	1				
20 MILLION CONCENTRY INTERCATING THE PATHER OF FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH. 20 PROJECT NO.: 1350999:56 DIVISION MGR.: MCP TO CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR # FOUNDATION PLAN NOTES STREED. TO COLUMN - DE ELEVATION FOR TYPE T. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR # FOUNDATION PLAN NOTES STREED. COLUMN - DE ELEVATION FOR TYPE T. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR MOTEL NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PCOR SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE PATIO/PCOR SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE DATION PER STRUCTURAL- SLOPE 1/4" PER FT. MIN. CONCRETE DATION PER STRUCTURAL- SLOPE 1/8" PER. 1. CONCRETE DATIONARY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. 2. CONCRETE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. 3. CONCRETE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. 4. MIN TWINL INTO CONCRETE. 3. CONCRETE CONCRETE FILLED PIPE BOLLARD B6" HIGH WITH MIN. 12" EMERDMENT INTO CONCRETE. 4. SO'NEE VALKWAY: SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. 4. SO'NEE VALKWAY: SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. 4. SO'NEE VALKWAY: SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. 4. SO'NEE VALKWAY: SLOPE 1/4" PER FT. MIN. MIT MIN. 19'NEE VALKWAY: SLOPE 1/4" PER FT. MIN. MIT MIN. SA'L MAX. TO HARD SURFACE. 4. SO'NEE VALKWAY: SLOPE I/4" PER FT. MIN. MIT MIN. SPACE ACCESS 4. SO'NEE VALKWAY: SLOPE I/4" PER FT. MIN. MIT MIN. SPACE STOP DE CONDITIONED PER NO. RESETTION MIT MIN. RAYLER SPACE IS TO BE CONDITIONED PER NO. RESETTION MIT MIN. RAYLER SPACE VAPOR RETARDER (BARRIER) IS TO BE PER MIT MIN. RAYLER SPACE VAPOR RETARDER (BARRIER) IS TO BE PER MIT MIN. RAYLER SPACE VAPOR RETARDER (BARRIER) IS TO BE PER MIT MIN. RESETTION RESETTION	63.	BRICK / STONE VENEER - REFER TO ELEVATIONS SECTIONAL GARAGE DOOR PER SPECS		8	p		8
(NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF TWE VEHICLES NORMAL 59 FTANES FANJOW         100 FTANES AND MADE SIDES OUT OF OPENING TO EXTEND 6" BEYOND MINDOWS) ON ALL SIDES UNO.         110 EXERCISE MINDOW         111 COLUMN - SEE ELEVATION FOR TYPE SIZE         111 COLUMN - SEE ELEVATION FOR THE STRUCTURAL - SLOPE SIZE         111 COLUMPTIC BATELY.         1111 COLUMPTIC BATELY.	66.	MIN 12" EMBEDMENT INTO CONCRETE	1				
TAYEL PATH.         20: BET: 602 INV VINTL WRAP.         20: BET: 602 IN		(NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL	<b>B</b>			p	P
10. ESEESS MINDOW         10. ESEESS MINDOW         11. EDGE: HEIGHT & MIDTH OF OPENING TO EXTEND 6"         12. ESTEND WINDOWS ON ALL SIDES UND.         12. STEPCAD WINDOWS ON ALL SIDES UND.         12. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE UND.         12. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE UND.         13. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE UND.         14. FOR VIDE UNDER FLOOR CHENNE.         15. CONCRETE DRIVENARL.         16. STAR LANDING: 36'X36' MIN.         25. CONCRETE NOLVENTARL.         26. STAR LANDING: 36'X36' MIN.         3. CONCRETE NOLVENTARL.         3. STAIR HANDING FOR ALL FINISH SURFACE.         3. 'DIVISION REVISION         3. 'STAIR HANDING FOR ALL FINISH SURFACE.         3. 'S CANCERTER LOCATION.         3. CRANL SPACE ACCESS         4. Se' WIDE WALKWAY- SLOPE I/4" PER FT. MIN.         3. CRANL SPACE ACCESS         4. Set WIDE WAL	68	TRAVEL PATH).	159	SUR	DATE	07/3	1/18
BEPCOND WINDOWS) ON ALL SIDES UND. SITE DUIT COLLINA : SEE ELEVATION FOR TYPE T. CONCRETE SLAB. SLOPE 1/4' PER FT. MIN. SEE PLAN FOR DIVISION MGR.: MCP REVISIONS: 08/29/19 MCDMIDDEN PLAN NOTES MCDMIDDEN PROFINE SAPELY. CONCRETE PATIO/FORCH SLAB PER STRUCTURAL- SLOPE 1/4' PER FT. MIN. CONCRETE PATIO/FORCH SLAB PER STRUCTURAL- SLOPE 1/4' PER FT. MIN. CONCRETE PATIO/FORCH SLAB PER STRUCTURAL- SLOPE 1/4' PER FT. MIN. CONCRETE DATUCTURAL. STAIR LANDING. 86'X36' MIN. CONCRETE DATUCTURAL. STAIR LANDING. 86'X36' MIN. CONCRETE DATUCTURAL. STAIR LANDING. 86'X36' MIN. CONCRETE DATUCTURAL. STAIR LANDING. 86'X36' MIN. CONCRETE DRUCHARY SLOPE 1/4' PER FT. MIN. AVAY HERDIG GARAGE DOOR OPENING. PROVIDE UNDER FLOOR VENTLATION A' TO KICK FOR MASONERY VENEER. S' DIAMETER CONCRETE FILLED PIPE BOLLARD 36' HIGH MITH MIN. 12'' EMBEDMENT INTO CONCRETE. CONCRETE ROLOR MERTISON CONCRETE PROVIDE UNDER FLOOR VENTLATION A' MIN. T 3/4' MAX. TO HARD SURFACE. CAR PAGE SPACE ACCESS A' 36' WIDE WALKWAY- SLOPE 1/4'' PER FT. MIN. MCDEL CARANL SPACE ACCESS A' 36' WIDE WALKWAY- SLOPE I/4'' PER FT. MIN. MCDEL CARANL SPACE ACCESS A' 36' WIDE WALKWAY- SLOPE I/4'' PER FT. MIN. MCDEL MCD MARY SLOPE I/4'' PER FT. MIN. MCDEL MCD MARY SLOPE I/4'' PER FT. MIN. MCDEL MCD MARY SLOPE I/4'' PER FT. MIN. MCD MCD MCD MCD PER NC-R SECTION MCD MARY SLOPE I/4'' PER FT. MIN. MCD MCD MCD MCD PER NC-R SECTION MCD MARY SLOPE I/4'' PER FT. MIN. MCD MCD MCD MCD PER NC-R SECTION MCD MCD MCD MCD MCD PER NC-R SECTION MCD MCD MCD MCD MCD MCD MCD MCD MCD MCD	10.	EGRESS WINDOW					
T. CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR         #       FOUNDATION PLAN NOTES         MOTE, NOT ALL KEY NOTES APPLY.       Division Revision         CONCRETE PATIOPRACH SLAB PER STRUCTURAL- SLOPE       Division Revision         I. CONCRETE PATIOPRACH SLAB PER STRUCTURAL- SLOPE       Division Revision         STAIR LANDING: 86'X36' MIN.       CONCRETE PATIOPRACH SLAB PER STRUCTURAL- SLOPE I/6" PER.         I. CONCRETE GARAGE DOOR OPENING.       Division Revision         S. FOUNDATION PER STRUCTURAL.       SLOPE I/6" PER.         S. FOUNDATION PER STRUCTURAL.       SLOPE I/6" PER.         S. FOUNDATE GARAGE DOOR OPENING.       Provide UNDER FLOOR VENTILATION         S. FORDATER CONCRETE FLUED PIPE BOLLARD 36" HIGH       MITH MIN. 12" EMBEDMENT INTO CONCRETE.         S. TIANETER CONCRETE FLUED PIPE BOLLARD 36" HIGH       MITH MIN. 12" EMBEDMENT INTO CONCRETE.         S. CRANL SPACE LOCATION OF PIER FOOTINGS PER STRUCTURAL       MITH MIN. 12" EMBEDMENT INTO CONCRETE.         S. CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION REVISION REVISION REVISION       STRUCTURAL         MICH MIDE WALKWAY SLOPE I/4" PER FT. MIN.       MICH MIN. 12" EMBEDMENT INTO CONCRETE.         S. CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION REVISION R	76	BEYOND WINDOW(S) ON ALL SIDES U.N.O.					
#       FOUNDATION PLAN NOTES         NOTEL NOT ALL KEY NOTES AFFLY.       DOUGHT PATION PCACH SLAB PER STRUCTURAL- SLOPE         1/4" FOR TALL KEY NOTES AFFLY.       DOUGHT PATION PCACH SLAB PER STRUCTURAL- SLOPE         2. CONCRETE GATION FORCH SLAB PER STRUCTURAL- SLOPE       DIVISION REVISION         1/4" FOR TAMAX DOUGH OF PERMICHAL.       DIVISION REVISION         3. FOUNDATION PER STRUCTURAL.       DIVISION REVISION         4. STAIR LANDING. 36'X36" MIN.       DOUGHT PATIENT CONCRETE PLOYED AND REVISION         5. CONCRETE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY       PROVIDE UNDER FLOOR VENTILATION         1. 4" TOO KICK FOR MASONRY VENEER.       DIVISION REVISION         3. PROVIDE UNDER FLOOR VENTILATION       MC20017NCP. 04/2019 RADE         1. 4" MIN. T3" EMBEDMENT INTO CONCRETE.       DIVISION REVISION         3. OKING SOLOR VENTILATION       MC20017NCP. 04/2019 RADE         3. GRANL SPACE ACCESS       DIVISION REVISION         4. Solution Solution of PIER FOOTINGS PER STRUCTURAL       DIVISION REVISION         3. GRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION       PLAN:         240.3174.R       SHEET:         3. CANL SPACE IS TO BE CONDITIONED PER NC-R SECTION       SHEET:         3. GRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION       SHEET:         3. CANL SPACE IS TO BE CONDITIONED PER NC-R SECTION       SHEET:      <	17.	CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR	1 -				
<ul> <li>FOUNDATION PLAN NOTES</li> <li>FOUNDATION PLAN NOTES</li> <li>MOTE NOT ALL KEY NOTES APPLY.</li> <li>CONCRETE PATIO/FORCH SLAB PER STRUCTURAL- SLOPE</li> <li>CONCRETE PATIO/FORCH SLAB PER STRUCTURAL- SLOPE</li> <li>CONCRETE PATIO/FORCH SLAB PER STRUCTURAL- SLOPE</li> <li>TONDATION PER STRUCTURAL.</li> <li>CONCRETE BARAGE SLAB PER STRUCTURAL- SLOPE</li> <li>TONDATION PER STRUCTURAL.</li> <li>STAIR LANDING, 36% MIN.</li> <li>CONCRETE DRIVEHAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OFENING.</li> <li>PROVIDE UNDER FLOOR VENTILATION</li> <li>4" TOE KICK FOR MASONRY VENEER.</li> <li>PROVIDE UNDER FLOOR VENTILATION</li> <li>4" TOE KICK FOR MASONRY VENEER.</li> <li>STAICTURAL</li> <li>REFERT TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.</li> <li>VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL</li> <li>CRAML SPACE IS TO BE CONDITIONED PER NC-R SECTION REGAUST ACCESS</li> <li>Section R40412.</li> </ul>		SIZE.	ал L	VISIC	ma:	00/2	9/19
#       FOUNDATION PLAN NOTES         NOTEL NOT ALL KEY NOTES APPLY.       DIVISION REVISION         CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE       A         1/4' FER FT. MIN.       CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE         1/2' O' MIN. TOWARD DOOR OFENING.       DIVISION REVISION         1       CONCRETE DATION PER STRUCTURAL.         1       FOUNDATION PER STRUCTURAL.         1       STAIR LANDING: 36*36* MIN.         2. CONCRETE DRIVENAL       DIVISION REVISION         3. FOUNDATION PER STRUCTURAL.       DIVISION REVISION         4. STAIR LANDING: 36*36* MIN.       CONCRETE DATION PER STRUCTURAL.         5. CONCRETE DATION PER STRUCTURAL.       DIVISION REVISION         6. ORROY DE UNDER FLOOR VENTILATION       TROW GARAGE DOOR OPENING.         7. 4" TOE KICK FOR MAGONRY VENEER.       DIVISION REVISION         8. "DIAMETER CONCRETE FLILED PIPE BOLLARD 36" HIGH         NITH MIN. 12" EMBEDMENT INTO CONCRETE.         9. "CAME SPACE ACCESS         4. 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN.         NOTE       STRUCTURAL         1. 4" MIN T 3/4' MAX. TO HARD SURFACE.         2. A/C PAD. VERIFY LOCATION.         3. CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION         MCE       STRUCTURAL         1. 4' MIN T 3/4' MAX. TO HARD SURFACE.			• /1	201 NG	IS CODE U	JPDATE • 01/23/19 M	CP
WITEL NOT ALL KEY NOTES APPLY.       Division         . CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE			<u>،</u> ר	_			
<ul> <li>CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.</li> <li>CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/8" PER. I'-0" MIN. TOMARD DOOR OFENING.</li> <li>FOUNDATION PER STRUCTURAL.</li> <li>STAIR LANDING: 36*36" MIN.</li> <li>CONCRETE DIVEMAY SLOPE I/4" PER FT. MIN. AMAY</li> <li>FROM GARAGE DOOR OFENING.</li> <li>PROVIDE UNDER FLOOR VENTILATION</li> <li>4" TOE KICK FOR MASONRY VENEER.</li> <li>B" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH MITH MIN. 12" EMBEDMENT INTO CONCRETE.</li> <li>REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.</li> <li>CAVAL SPACE LOCATION.</li> <li>CRANG SPACE ACCESS</li> <li>Sé WIDE WALKWAY- SLOPE I/4" PER FT. MIN.</li> <li>STRUCTURAL</li> <li>STAB MAX. TO HARD SURFACE.</li> <li>AC PAD. VERIFY LOCATION.</li> <li>CRANG SPACE ACCESS</li> <li>Sé MIDE WALKWAY- SLOPE I/4" PER FT. MIN.</li> <li>STRUCTURAL</li> <li>SCRAMAL SPACE IS TO BE CONDITIONED PER NC-R SECTION RECRAMAL SPACE 15 TO BE CONDITIONED PER NC-R SECTION RECRAMAL SPACE 14 PER T. MIN.</li> </ul>			= /2		VISION R 219005NCP	.EVISION 02/28/19 M	ICP
<ul> <li>1/4" PER FT. MIN.</li> <li>2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/6" PER.</li> <li>1-0" MIN. TOWARD DOOR OPENING.</li> <li>3. FOUNDATION PER STRUCTURAL.</li> <li>4. STAIR LANDING, 36-X80" MIN.</li> <li>5. CONCRETE DRIVEMAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.</li> <li>5. PROVIDE UNDER FLOOR VENTILATION</li> <li>7. 4" TOE KICK FOR MASONRY VENEER.</li> <li>9. 9" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH MITH MIN. 12" EMBEDMENT INTO CONCRETE.</li> <li>9. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL</li> <li>1. 4" MIN. T 3/4" MAX. TO HARD SURFACE.</li> <li>2. A/C PAJ. VERIFY LOCATION.</li> <li>3. CRAML SPACE IS TO BE CONDITIONED PER NC-R SECTION MEDIAMENTAL SPACE IS TO BE CONDITIONED PER NC-R SECTION REC. RECTION REVISION REVEALS</li> <li>3. BOLMENTER STRUCTURAL SPACE (BARRIER) IS TO BE PER STRUCTURAL</li> <li>3. BELET:</li> <li>3. BOLMENTER STRUCTURAL SPACE (BARRIER) IS TO BE PER</li> <li>3. STRUEL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER</li> <li>3. SPEC. LEVEL 1 RALEIGH-DUR HARD</li> </ul>		CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE			VISION -	EVISION	
I'-O' MIN. TOMARD DOOR OPENING. 8. FOUNDATION PER STRUCTURAL. 4. STAIR LANDING: 36'X36' MIN. 5. CRONCRETE DRIVENAY SLOPE I/4' PER FT. MIN. AWAY FROM GRAAGE DOOR OPENING. 6. PROVIDE UNDER FLOOR VENTILATION 1. 4' TOE KICK FOR MASONRY VENEER. 9. 3' DIAMETER CONCRETE FILLED PIPE DOLLARD 36' HIGH MITH MIN. 12' EMBEDMENT INTO CONCRETE. 1. 4' MIN. 1 3/4' MAX. TO HARD SURFACE. 2. AVC PAD. VENIFY LOCATION. 3. CRANE SPACE ACCESS 4. 36' WIDE WALKWAY- SLOPE I/4'' PER FT. MIN. VOTEL 1. 4' MIN. 1 3/4' MAX. TO HARD SURFACE. 2. AVC PAD. VERIFY LOCATION. 3. CRANE SPACE ACCESS 4. 36' WIDE WALKWAY- SLOPE I/4'' PER FT. MIN. VOTEL 1. 4' MIN. 1 S/4' MAX. TO HARD SURFACE. 2. AVC PAD. VERIFY LOCATION. 3. CRANE SPACE ACCESS 4. 36' WIDE WALKWAY- SLOPE I/4'' PER FT. MIN. VOTEL 1. 4' MIN. 1 S/4' MAX. TO HARD SURFACE. 3. CRANE SPACE ACCESS 4. 36' KIDE WALKWAY- SLOPE I/4'' PER FT. MIN. VOTEL 1. 4' MIN. 1 S/4' MAX. TO HARD SURFACE. 3. CRANE SPACE ACCESS 4. 36' KIDE WALKWAY- SLOPE I/4'' PER FT. MIN. STREET: 3. CRANE SPACE I STO BE CONDITIONED PER NC-R SECTION NECONN. 5. FREETION R404.2. SHEET: 8.6 SPEC. LEVEL 1 RALEIGH-DURHAA		I/4" PER FT. MIN.	• /3				ICP
<ul> <li>a. FOUNDATION PER STRUCTURAL.</li> <li>b. STAIR LANDING. 36'X36' MIN.</li> <li>cONCRETE DRIVENARY SLOPE 1/4' PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.</li> <li>c. PROVIDE UNDER FLOOR VENTILATION</li> <li>4' TOE KICK FOR MASONRY VENEER.</li> <li>g) DIAMETER CONCRETE FILLED PIPE BOLLARD 36' HIGH WITH MIN. 12' EMBEDMENT INTO CONCRETE.</li> <li>REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.</li> <li>c. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL</li> <li>a' TO BACE ACCESS</li> <li>36' MIDE WALKWAY' SLOPE 1/4'' PER FT. MIN.</li> </ul>	2.	CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1'-0" MIN. TOWARD DOOR OPENING.			VIEION -	EVISION	
<ul> <li>CONCRETE DRIVEMAY SLOPE 1/4" PER FT. MIN. AMAY FROM GARAGE DOOR OPENING.</li> <li>PROVIDE UNDER FLOOR VENTLATION</li> <li>4" TOE KICK FOR MASONRY VENEER.</li> <li>B" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH MITH MIN. 12" EMBEDMENT INTO CONCRETE.</li> <li>REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.</li> <li>VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL</li> <li>A" MIN. T 3/4" MAX. TO HARD SURFACE.</li> <li>AC FAD. VERIFY LOCATION.</li> <li>CRAML SPACE ACCESS</li> <li>BS" NIDE WALKWAY- SLOPE 1/4" PER FT. MIN.</li> <li>STRUCTURAL STRUCTURAL SPACE IS TO BE CONDITIONED PER NC-R SECTION REC RANL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER SCA. SECTION R4012.</li> </ul>	З.	FOUNDATION PER STRUCTURAL.	= /4		CISCON R	- 08/29/19 F.	AB
FROM GARAGE DOOR OPENING. 6. PROVIDE UNDER FLOOR VENTILATION 7. 4" TOE KICK FOR MASONRY VENEER. 9. 9" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. 4. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. 0. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL 1. 4" MIN. T3/4" MAX. TO HARD SURFACE. 2. AVC PAD. VERIFY LOCATION. 3. CRANL SPACE ACCESS 4. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN. STRUCTURAL 1. 4" STRUCTURAL 1. 4" MIN. T3/4" MAX. TO HARD SURFACE. 2. AVC PAD. VERIFY LOCATION. 3. CRANL SPACE ACCESS 4. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN. STRUCTURAL ME CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION THE CRANL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER VG-R SECTION R404.2. SHEET: 8.66 SPEC. LEVEL 1 RALEIGH-DURHAL	4.					EVISION	
1. 4" TOE KICK FOR MASONRY VENEER. 3. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH MITH MIN. 12" EMBEDWENT INTO CONCRETE. 1. 4" MIN. T3/4" MAX. TO HARD SURFACE. 2. A/C PAD. VERIFY LOCATION. 3. CRANL SPACE ACCESS 4. 36" MIDE WALKMAY- SLOPE 1/4" PER FT. MIN. SUTE. THE CRANL SPACE 15 TO BE CONDITIONED PER NC-R SECTION HE CRANL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER 2. CAS SECTION R404.2. SHEET: 8.66 SPEC. LEVEL 1 RALEIGH-DURHA	э.	FROM GARAGE DOOR OPENING.	• /s	<u>_</u> м	C20017NCP	- 03/03/20 B	BA
<ul> <li>a. BIDAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.</li> <li>REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.</li> <li>VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL</li> <li>AC PAD. VERIFY LOCATION.</li> <li>CRANL SPACE ACCESS</li> <li>36" NIDE WALKWAY- SLOPE 1/4" PER FT. MIN.</li> <li>STRUCTE HE CRANL SPACE 15 TO BE CONDITIONED PER NC-R SECTION REC RAPL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER SCR. SECTION R4042.</li> </ul>	5.	PROVIDE UNDER FLOOR VENTILATION					
MITH MIN. 12" EMPERATE INTO CONCRETE. 1. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. 2. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTRAL 1. 4" MIN. T 3/4" MAX. TO HARD SURFACE. 2. AVC PAD. VERIFY LOCATION. 3. CRANL SPACE ACCESS 4. 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN. STRUCT ME CRANL SPACE COSS 4. 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN. STRUCT ME CRANL SPACE COSS 4. 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN. STRUCT ME CRANL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER C-R SECTION R404.2. SHEET: 8.6 SPEC. LEVEL 1 RALEIGH-DURHAL	7.	4" TOE KICK FOR MASONRY VENEER.					
A. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. O. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL I. 4" MIN. T 3/4" MAX. TO HARD SURFACE. 2. A/C PAD. VERIFY LOCATION. 3. CRAWL SPACE ACCESS 4. 36" NIDE WALKWAY- SLOPE I/4" PER FT. MIN. <u>VOTE:</u> IN COMMON STRUCTURAL SPACE IS TO BE CONDITIONED PER NC-R SECTION RECORD RECORD RECORDITIONED PER NC-R SECTION RECORD RECORD RETARDER (BARRIER) IS TO BE PER C-R SECTION RECORD RETARDER (BARRIER) IS TO BE PER SHEET: 8.6 SPEC. LEVEL 1 RALEIGH-DURHAL	э.	3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH	1				
ELEVATIONS. 0. VERIFY LOCATION OF PIER FOOTINGS PER STRICTURAL 1. 4' MIN. 7 3/4' MAX. TO HARD SURFACE. 2. A/C PAD. VERIFY LOCATION. 3. CRANL SPACE ACCESS 4. 36' MIDE WALKWAY- SLOPE I/4" PER FT. MIN. <b>SCORPACE</b> 4. 36' MIDE WALKWAY- SLOPE I/4" PER FT. MIN. <b>SCORPACE</b> 5. CRANL SPACE ACCESS 4. 36' MIDE WALKWAY- SLOPE I/4" PER FT. MIN. <b>SCORPACE</b> 5. CRANL SPACE ACCESS 5. CRANL			•				
0. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL 1. 4* MIN. T 3/4* MAX. TO HARD SURFACE. 2. AVC PAD. VERIFY LOCATION. 3. CRANE SPACE ACCESS 4. 36* WIDE WALKWAY- SLOPE I/4* PER FT. MIN. SOTEL THE CRANE SPACE ACCESS 4. 36* WIDE WALKWAY- SLOPE I/4* PER FT. MIN. SOTEL THE CRANEL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER SHEET: SHEET: 8.6 SPEC. LEVEL 1 RALEIGH-DURHAL	۹.	REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.	1				
II. 4" MIN T 3/4" MAX. TO HARD SURFACE. 2. A/C PAD. VERIFY LOCATION. 3. CRAIL SPACE ACCESS 4. 36" WIDE WALKWAY- SLOPE I/4" PER FT. MIN. SOUTH: THE CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION THE CRANL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER SHEET: SHEET: 8.6 SPEC. LEVEL 1 RALEIGH-DURHAN	0.	VERIFY LOCATION OF PIER FOOTINGS PER	•				
2. A/C PAD. VERIFY LOCATION. 3. CRANL SPACE ACCESS 4. 36" NIDE WALKWAY- SLOPE I/4" PER FT. MIN. WITE THE CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION RECORD RECTOR RETARDER (BARRIER) IS TO BE PER NG-R SECTION RECTOR RETARDER (BARRIER) IS TO BE PER SHEET: 8.6 SPEC. LEVEL 1 RALEIGH-DURHA	ı.		1				
4. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN. SZIEL THE GRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION HOT HC GRANL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER K-R SECTION R404.2. SHEET: 8.6 SPEC. LEVEL 1 RALEIGH-DURHAI			•				
EVEL: THE CRAVE SPACE IS TO BE CONDITIONED PER NC-R SECTION ACOM THE CRAVE SPACE VAPOR RETARDER (BARRIER) IS TO BE PER INC-R SECTION R409.2. SHEET: 8.6 SPEC. LEVEL 1 RALEIGH-DURHAL			_		•		
SHEET: SHEET:						<b>.</b>	
THE GRANE SPACE IS TO BE CONDITIONED PER NO-R SECTION THE GRAVE SPACE VAPOR RETARDER (BARRIER) IS TO BE PER 8.6 SPEC. LEVEL 1 RALEIGH-DURHA				24	10.31	17 <b>4-F</b>	K
8.6 SPEC. LEVEL 1 RALEIGH-DURHA	R4C	29.	"				
SPEC. LEVEL 1 RALEIGH-DURHA	THE NC-1	CRAML SPACE VAPOR RETARDER (BARRIER) IS TO BE PER R SECTION R409.2.					
RALEIGH-DURHA			ļ	8	•	8	.6
RALEIGH-DURHA					ļ	8	8
RALEIGH-DURHA				SP	EC. L	EVEL	1
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40' SERIES			<b>.</b>		10		
40 SEKIES			RA	LE	IGH-	DUR	HA)
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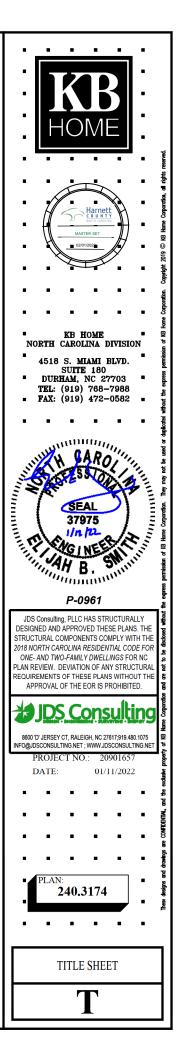
## **STRUCTURAL PLANS FOR:**



## 240.3174 - RH GARAGE

PLAN R	ELEASE / REVISIO	NS	
EV. DATE	ARCH PLAN VERSION	REVISION DESCRIPTION	DI
01/03/2019	240.3174 PP2 LH 2018-06-08	2018 NORTH CAROLINA RESIDENTIAL CODE UPDATE, NEW DRAWING TEMPLATE	C
02/14/2019	240.3174 PP2 LH 2018-06-08	UPSIZED BEAM ON REAR TRIPLE WINDOW HEADER FOR C/D ELEVATIONS	C
03/21/2019	240.3174 PP2 LH 2019-02-28	REVISIONS PER DELTA 2; NC19005NCP, REVISED BEAMS ABOVE DEN	C
10/07/2020	240.3174 LH D6 - 2020.09.03	UPDATED REAR COVERED/SCREENED PATIO OPTIONS; RELOCATING REAR POSTS/BEAMS	Α

NOTES	CODE	ENGINEER OF
1.       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.       A.       IF THESE PLANS ARE ISSUED AS A MASTER-PLAN SET, THE SET IS VALID FOR 18 MONTHS FROM THE DATE ON PLACED IN EFFECT BY THE MUNICIPALITY.         B.       IF THESE PLANS ARE NOT ISSUED AS A MASTER-PLAN SET, THE SET IS VALID FOR A CONDITIONAL, ONE-TIME PLANS.       ST	ALL CONSTRUCTION, WORKMANSHIP, AND MATERIAL QUALITY AND SELECTION SHALL BE PER: 2018 NORTH CAROLINA STATE BUILDING CODE: RESIDENTIAL CODE	JDS Consulting, PLLC DESIGN · ENGINEERING · ENE 8600 'D' JERSEY COURT RALEIGH, NC 27617 FIRM LIC. NO: P-0961 PROJECT REFERENCE: 20901



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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.
- 2. 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

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
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.

KING STUD COLUMN

LAMINATED VENEER

MINIMUM NOT TO SCALE

ON CENTER PRESSURE TREATED

REFRIGERATOR

ROUGH OPENING ROOF SUPPORT

SHELF / SHELVES

SQUARE FOOT (FEET)

STUD COLUMN

SINGLE JOIST

STUD POCKET

THICK(NESS)

TRIPLE JOIST

TRIPLE RAFTER

TOP OF CURB / CONCRETE

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

TREAD TEMPERED GLASS

MECHANICAL

MANUFACTURER

ABBREVIATIONS			KS LVL	KING STUD
	ABV	ABOVE	LVL	LAMINATED LUMBER
	AFF	ABOVE FINISHED FLOOR	MAX	MAXIMUM
	ALT	ALTERNATE	MECH	MECHANICA
	BRG	BEARING	MFTR	MANUFACT
	BSMT	BASEMENT	MIN	MINIMUM
	CANT	CANTILEVER	NTS	NOT TO SCA
	CJ	CEILING JOIST	OA	OVERALL
	CLG	CEILING	oc	ON CENTER
	CMU	CONCRETE MASONRY UNIT	PT	PRESSURE
	со	CASED OPENING	R	RISER
	COL	COLUMN	REF RFG	REFRIGERA ROOFING
	CONC		RO	ROUGH OPE
	CONT		RS	ROOF SUPP
	D	CLOTHES DRYER	SC	STUD COLU
	DBL	DOUBLE	SF	SQUARE FO
	DIAM	DIAMETER	SH	SHELF / SHE
	DJ	DOUBLE JOIST	SHTG	
	DN	DOWN	SHW	SHOWER
	DP	DEEP DOUBLE RAFTER	SIM	SIMILAR
	DR DSP	DOUBLE RAFTER DOUBLE STUD POCKET	SJ	SINGLE JOIS
	EA	EACH	SP	STUD POCK
	EE	EACH END		SPECIFIED
	EQ	EQUAL	SQ	SQUARE
	EX	EXTERIOR	т	TREAD
	FAU	FORCED-AIR UNIT	TEMP	TEMPERED
	FDN	FOUNDATION	THK	THICK(NESS
	FF	FINISHED FLOOR	тJ	TRIPLE JOIS
	FLR	FLOOR(ING)	тос	TOP OF CUP
	FP	FIREPLACE	TR	TRIPLE RAF
	FTG	FOOTING	TYP	TYPICAL
	НВ	HOSE BIBB	UNO	UNLESS NO
	HDR	HEADER	W	CLOTHES W
	HGR	HANGER	WH	WATER HEA
	JS	JACK STUD COLUMN	WWF	WELDED WI
			XJ	EXTRA JOIS

#### 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

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

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

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

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

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

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

5. LSL STRUCTURAL MEMBERS TO BE LAMINATED STRAND LUMBER NITH 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, GRADE 60.
- 8 POURED CONCRETE COMPRESSIVE STRENGTH TO BE A MINIMUM 3.000 PSI AT 28 DAYS, MATERIALS USED TO PRODUCE CONCRETE SHALL COMPLY WITH THE APPLICABLE STANDARDS LISTED IN AMERICAN CONCRETE INSTITUTE STANDARD ACI 318 OR ASTM
- 9. CONCRETE SUBJECT TO MODERATE OR SEVERE WEATHERING PROBABILITY PER TABLE R301.2(1) SHALL BE AIR-ENTRAINED WHEN REQUIRED BY TABLE R402.2.
- 10. CONCRETE MASONRY UNITS (CMU) SHALL CONFORM TO AMERICAN CONCRETE INSTITUTE PUBLICATION 530: BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES AND COMPANION COMMENTARIES AND THE MASONRY SOCIETY PUBLICATION TMS 402/602: BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES.
- 11. MORTAR SHALL COMPLY WITH ASTM INTERNATIONAL STANDARD
- 12. INDICATED MODEL NUMBERS FOR ALL METAL HANGERS, STRAPS, FRAMING CONNECTORS, AND HOLD-DOWNS ARE SIMPSON STRONG-TIE BRAND. EQUIVALENT USP BRAND PRODUCTS ARE ACCEPTABLE.
- 13. REFER TO I-JOIST EQUIVALENCE CHART ON I-JOIST DETAIL SHEET FOR SUBSTITUTION OF MANUFACTURER SERIES.

#### FOUNDATION

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

#### FRAMING

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

## LUMBER

- UPLIFT CAPACITY.
- DETAILS.

### SPECIFICATIONS

- MANUFACTURER.
- C.
- D.

- EACH END OF FLITCH BEAM

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

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

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

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

4. 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.

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

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

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

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

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

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

INSTALLATION OF THE SYSTEMS SHALL BE PER

MANUFACTURER'S INSTRUCTIONS.

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

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

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

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

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

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

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

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



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 /	NAILS @ 8" OC (typical)	NAILS @ 8" OC (typical)
BLOCKING	(4) PER 16" SPACE (at braced panels)	(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	(4) TOE NAILS	(4) TOE NAILS
TOP PLATE OR SILL PLATE	(.,	(1)
DOUBLE STUD	NAILS @ 8" OC	NAILS @ 8" OC
DOUBLE TOP PLATES	NAILS @ 12" OC	NAILS @ 12" OC
DOUBLE TOP PLATES LAP	(12) NAILS IN LAPPED	(12) NAILS IN LAPPED
(24" MIN LAP LENGTH)	AREA, EA SIDE OF JOINT	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	NAILS @ 6" OC	NAILS @ 4" OC
PLATE (PARALLEL TO WALL)		
BOTTOM CHORD OF TRUSS TO		
TOP PLATES OR SILL PLATE	(3) TOE NAILS	(3) TOE NAILS
(PERPENDICULAR TO WALL)		

SEE TABLE R602.3(1) FOR ADDITIONAL STRUCTURAL-MEMBER FASTENING REQUIREMENTS.

DETAILS AND NOTES ON DRAWINGS GOVERN.

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

FRAMING MEMBER SIZE	MAX HEIGHT (PLATE TO PLATE) 115 MPH ULTIMATE DESIGN WIND SPEED	
2x4 @ 16" OC	10'-0"	
2x4 @ 12" OC	12'-0"	

2x6 @ 16" OC	15'-0"	
2x6 @ 12" OC	17'-9"	
2x8 @ 16" OC	19'-0"	
2x8 @ 12" OC	22'-0"	
(2) 2x4 @ 16" OC	14'-6"	
(2) 2x4 @ 12" OC	17'-0"	
(2) 2x6 @ 16" OC	21'-6"	
(2) 2x6 @ 12" OC	25'-0"	
(2) 2x8 @ 16" OC	27'-0"	
(2) 2x8 @ 12" OC	31'-0"	

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

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

#### ROOF SYSTEMS

TRUSSED ROOF - STRUCTURAL NOTES

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

STICK-FRAMED ROOF - STRUCTURAL NOTES

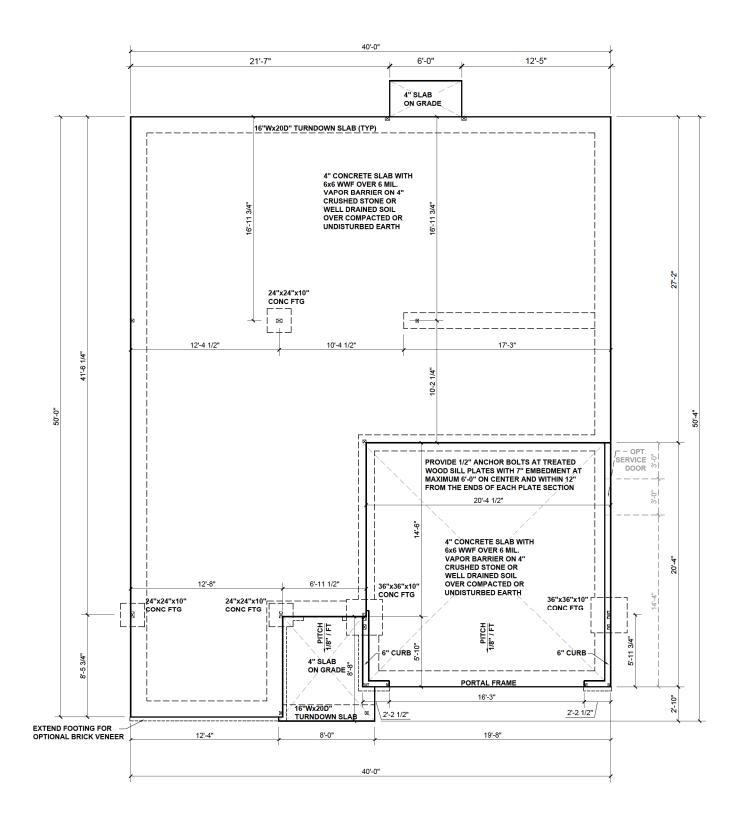
- 1. PROVIDE 2x4 COLLAR TIES AT 48" OC AT UPPER THIRD OF RAFTERS, UNLESS NOTED OTHERWISE.
- 2. FUR RIDGES FOR FULL RAFTER CONTACT.
- 3. PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.
- 4. DENOTES OVER-FRAMED AREA
- 5. MINIMUM 7/16" OSB ROOF SHEATHING
- 6. PROVIDE 2x4 RAFTER TIES AT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

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

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

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





**SLAB FOUNDATION PLAN - 'A'** 

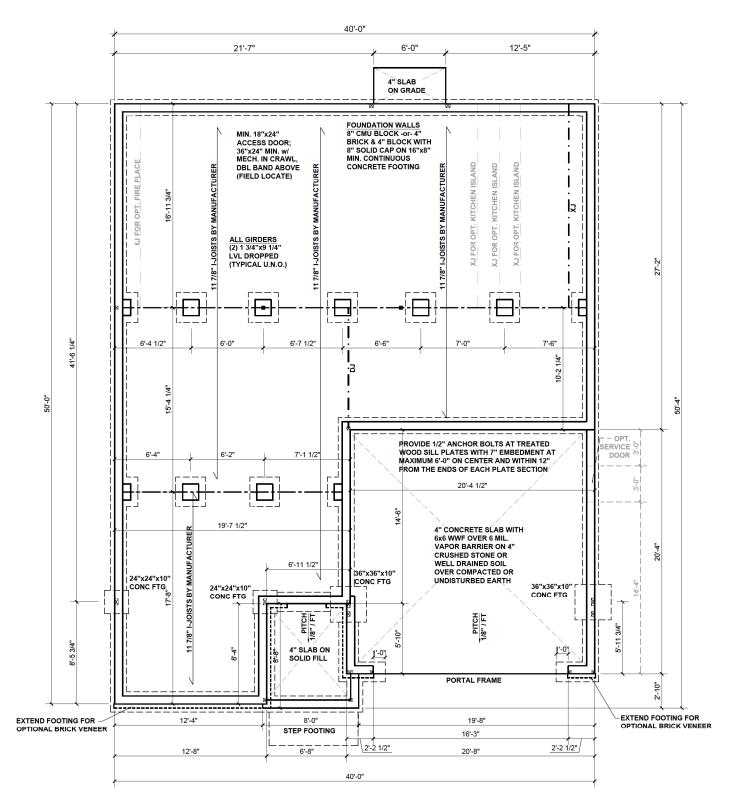
SCALE: 1/8" = 1'-0"

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

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

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





**CRAWLSPACE FOUNDATION PLAN - 'A'** 

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
	POINT LOAD TRANSFER
•	POINT LOAD FROM ABOVE
	BEARING ON BEAM / GIRDER

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

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

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

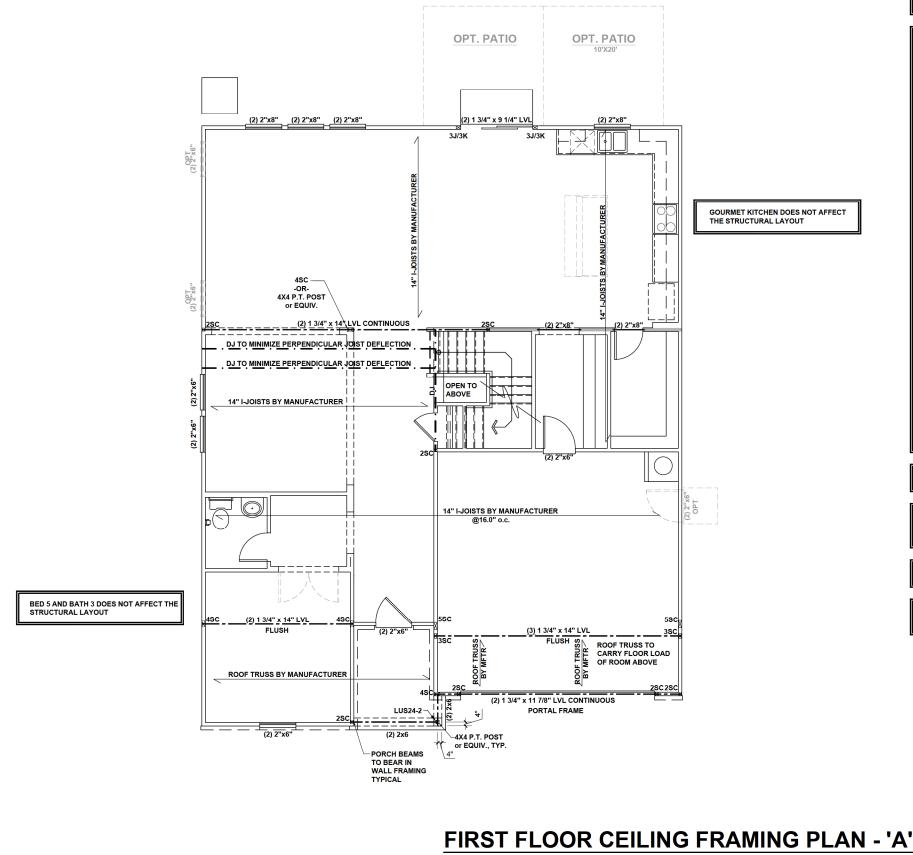
FOUNDATION STRUCTURAL NOTES:

1. CONCRETE BLOCK PIER SIZE SHALL BE:

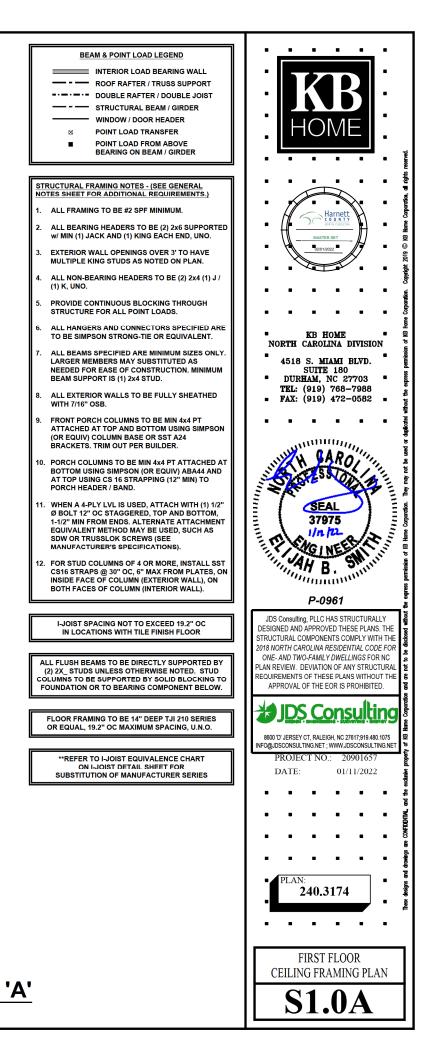
SIZE	HOLLOW MASONRY	SOLID MASONRY
8x16	UP TO 32" HIGH	UP TO 5'-0" HIGH
12x16	UP TO 48" HIGH	UP TO 9'-0" HIGH
16x16	UP TO 64" HIGH	UP TO 12'-0" HIGH
24x24	UP TO 96" HIGH	
WITH 30" x 30" x 10" CONCRETE FOOTING, UNO.		

8"x16" PIERS AT FOUNDATION WALL SUPPORTING DROPPED GIRDER TO HAVE A 30"x10"x8" FOOTING PROJECTION FROM THE MAIN WALL FOOTING.

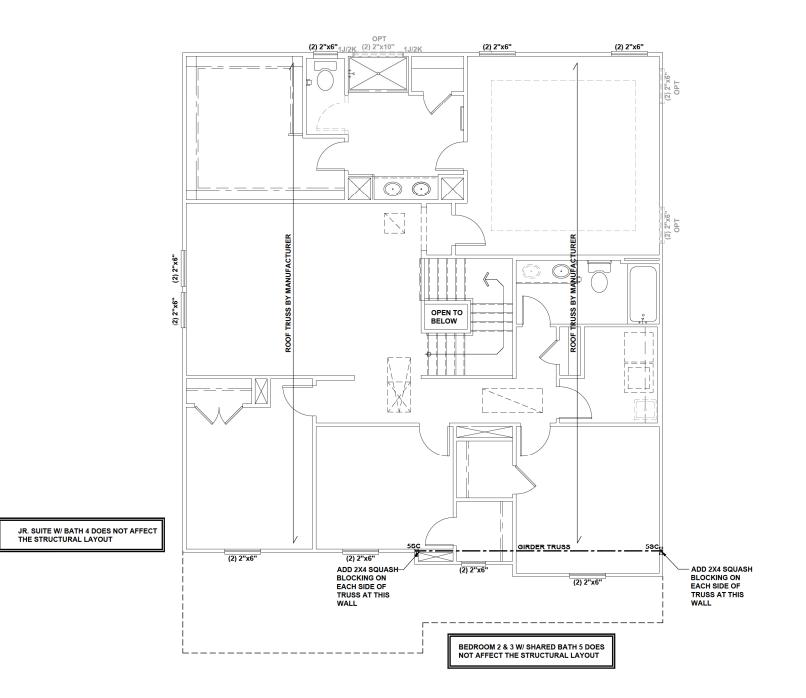




SCALE: 1/8" = 1'-0"

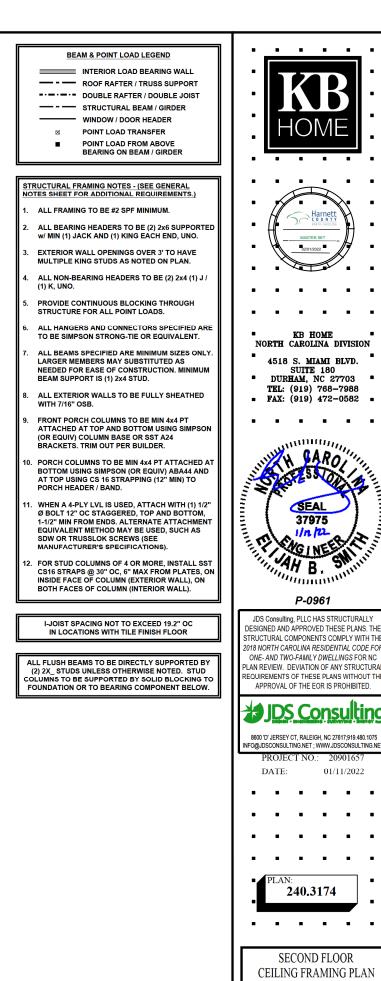






**SECOND FLOOR CEILING FRAMING PLAN - 'A'** 

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



Harne

MASTER SET

KB HOME

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**S2.0A** 

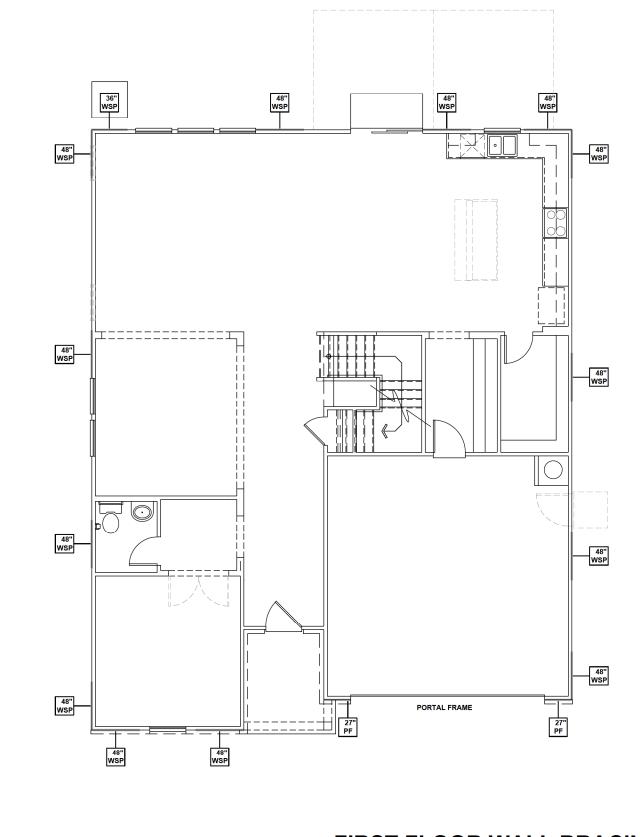
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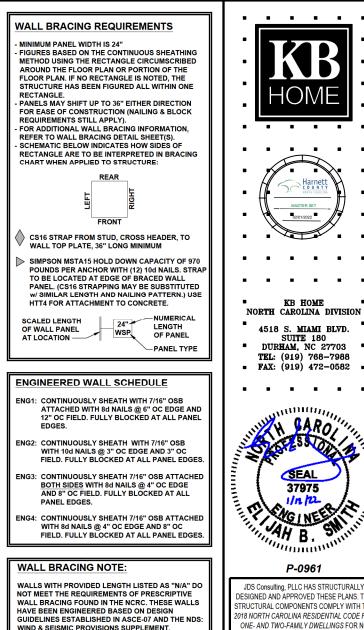
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FIRST FLOOR WALL BRACING PLAN - 'A'

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



WALL BRACING: RECTANGLE 1		
IDED GTH	E REQUIRED LENGTH	SIDE
FT.	NT 13.5 FT.	FRONT
FT.	T 11.0 FT.	LEFT
FT.	R 13.5 FT.	REAR
FT.	IT 11.0 FT.	RIGHT
F	R 13.5 FT.	REAR

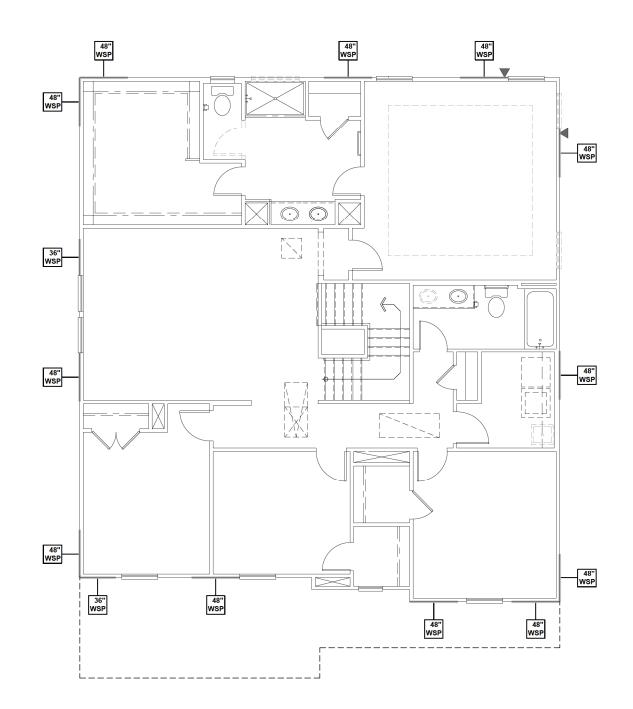
<u>SM</u> JDS Consulting, PLLC HAS STRUCTURALLY DESIGNED AND APPROVED THESE PLANS TH STRUCTURAL COMPONENTS COMPLY WITH THE 2018 NORTH CAROLINA RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS FOR NC PLAN REVIEW. DEVIATION OF ANY STRUCTURA REQUIREMENTS OF THESE PLANS WITHOUT TH APPROVAL OF THE EOR IS PROHIBITED. DS Consultin 8600 'D' JERSEY CT, RALEIGH, NC 27617:919.480.1075 O@JDSCONSULTING.NET ; WWW.JDSCONSULTING.N PROJECT NO.: 209016 DATE: 01/11/2022 . LAN 240.3174

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FIRST FLOOR WALL BRACING PLAN

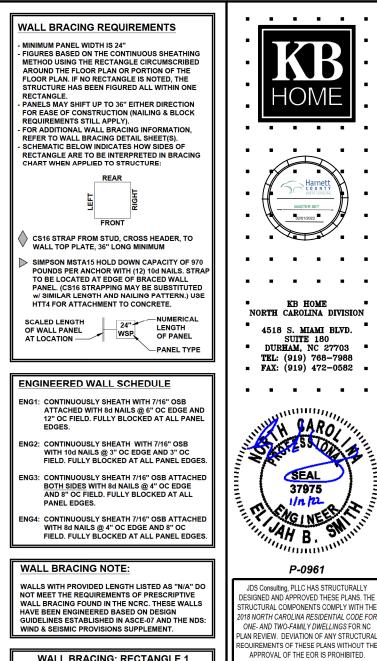
**S4.0A** 

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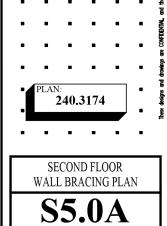
SECOND FLOOR WALL BRACING PLAN - 'A'

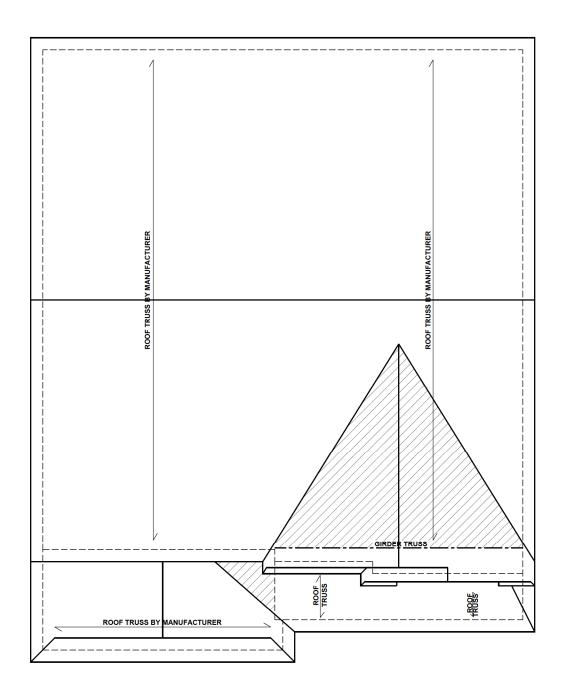
SCALE: 1/8" = 1'-0"



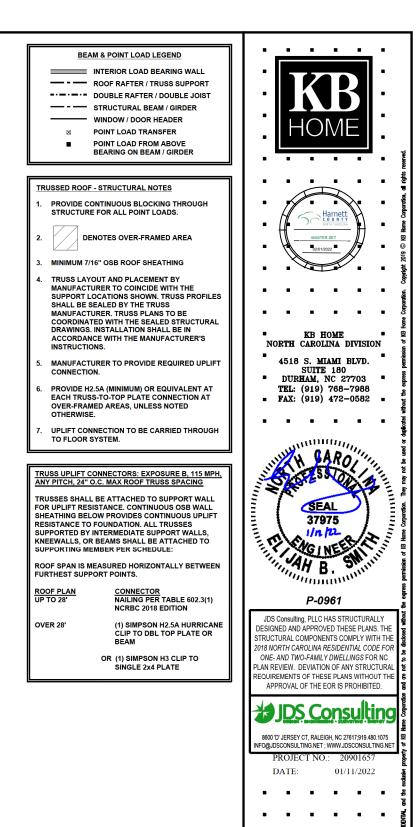
WALL BRACING: RECTANGLE 1		
SIDE	REQUIRED LENGTH	PROVIDED LENGTH
FRONT	9.0 FT.	15.0 FT.
LEFT	9.0 FT.	15.0 FT.
REAR	9.0 FT.	12.0 FT.
RIGHT	9.0 FT.	12.0 FT.

8600 D' JERSEY CT, RALEIGH, NC 27617,919.480.1075 FO@JDSCONSULTING NET; WWW.JDSCONSULTING NET PROJECT NO.: 20901657 DATE: 01/11/2022





ROOF FRAMING PLAN - 'A' SCALE: 1/8" = 1'-0"



ROOF FRAMING PLAN

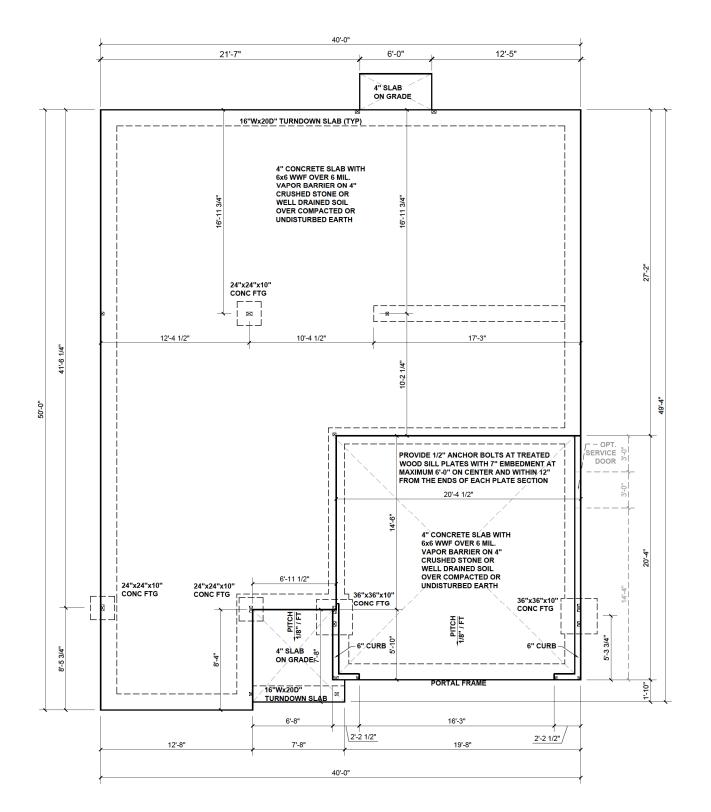
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**SLAB FOUNDATION PLAN - 'B'** 

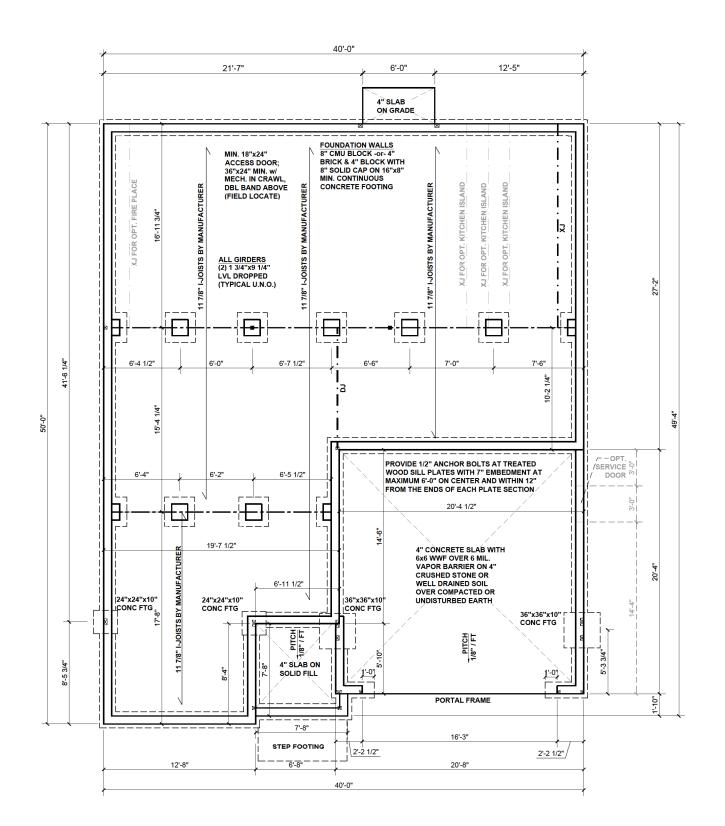
SCALE: 1/8" = 1'-0"

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

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

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





**CRAWLSPACE FOUNDATION PLAN - 'B'** 

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
	POINT LOAD TRANSFER
•	POINT LOAD FROM ABOVE
	BEARING ON BEAM / GIRDER

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

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

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

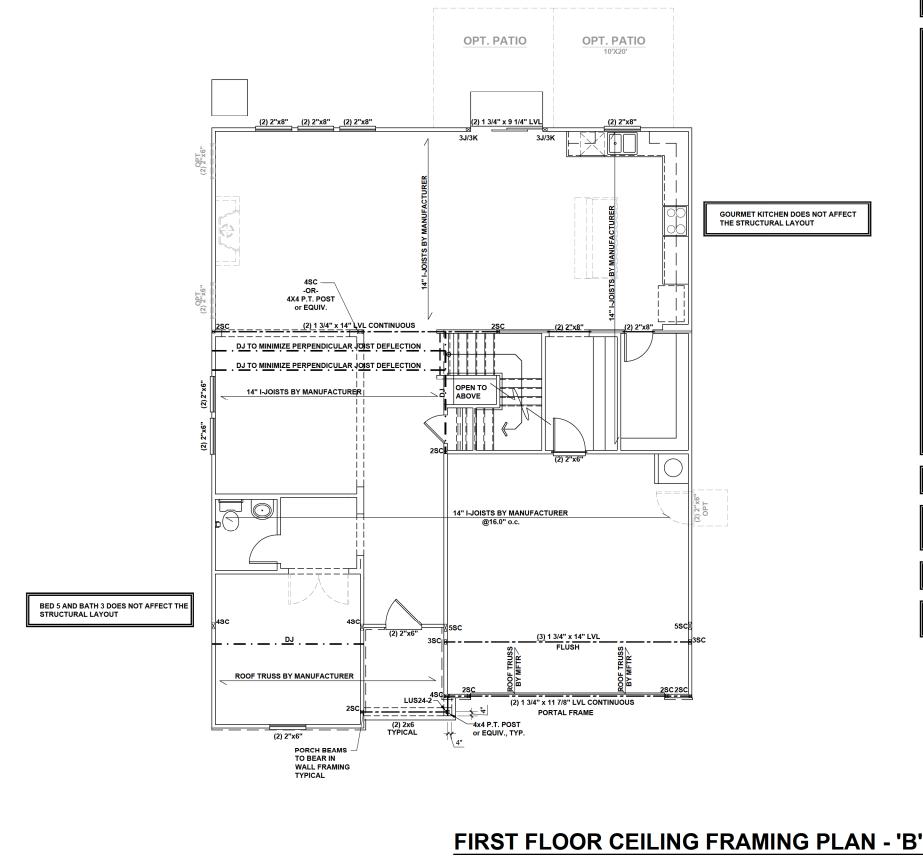
FOUNDATION STRUCTURAL NOTES:

1. CONCRETE BLOCK PIER SIZE SHALL BE:

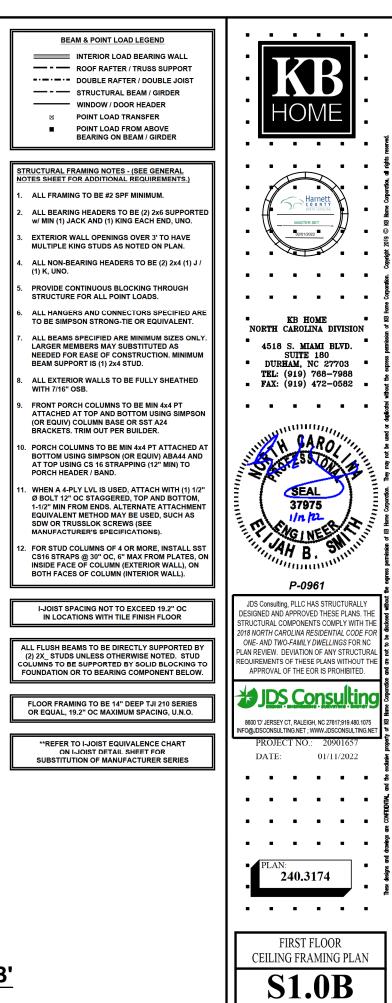
SIZE	HOLLOW MASONRY	SOLID MASONRY	
8x16	UP TO 32" HIGH	UP TO 5'-0" HIGH	
12x16	UP TO 48" HIGH	UP TO 9'-0" HIGH	
16x16	UP TO 64" HIGH	UP TO 12'-0" HIGH	
24x24	UP TO 96" HIGH		
WITH 30" x 30" x 10" CONCRETE FOOTING, UNO.			

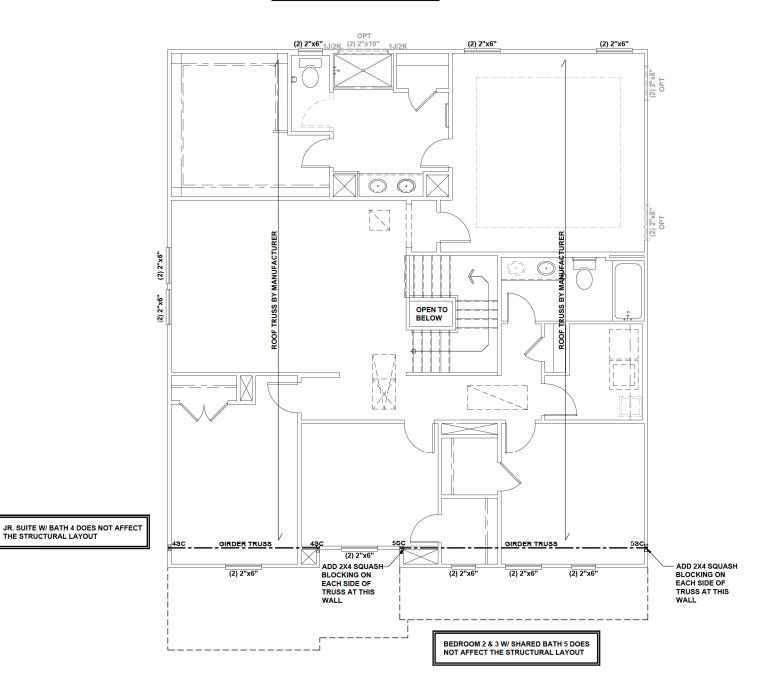
8"x16" PIERS AT FOUNDATION WALL SUPPORTING DROPPED GIRDER TO HAVE A 30"x10"x8" FOOTING PROJECTION FROM THE MAIN WALL FOOTING.





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

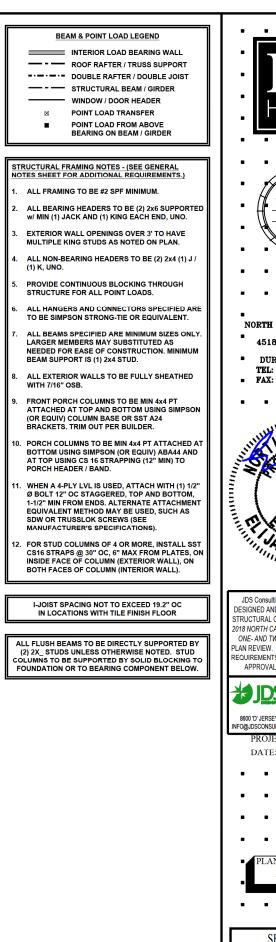




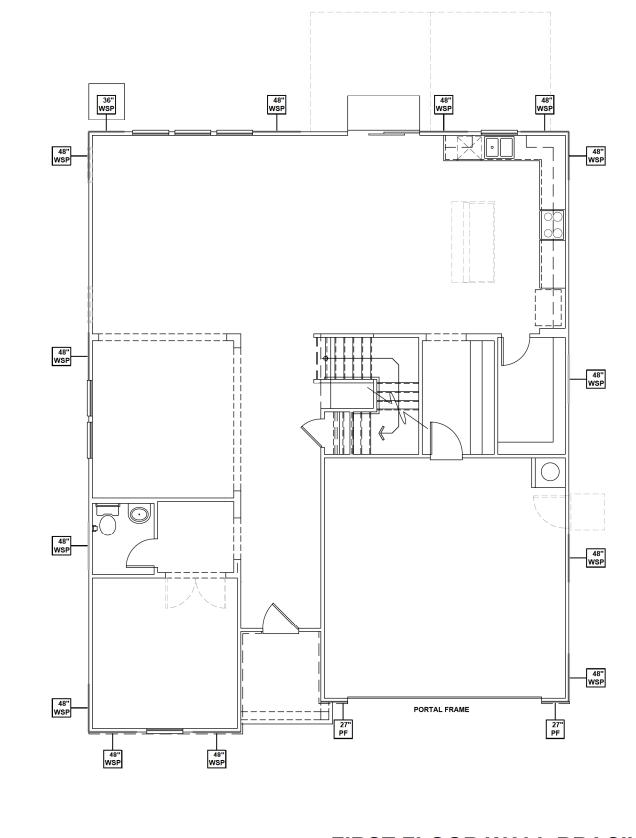
SUPER/DELUXE MASTER BATH DOES NOT AFFECT THE STRUCTURAL LAYOUT

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

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

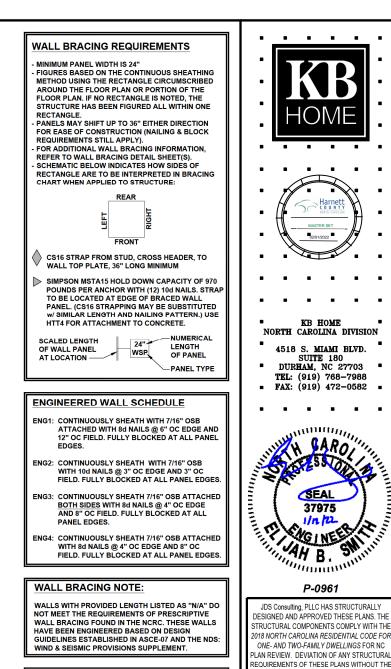






**FIRST FLOOR WALL BRACING PLAN - 'B'** 

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



WALL BRACING: RECTANGLE 1			
REQUIRED LENGTH	PROVIDED LENGTH		
13.5 FT.	17.0 FT.		
11.0 FT.	16.0 FT.		
13.5 FT.	15.0 FT.		
11.0 FT.	16.0 FT.		
	REQUIRED LENGTH 13.5 FT. 11.0 FT. 13.5 FT.		

APPROVAL OF THE EOR IS PROHIBITED.

DATE:

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DS Consultin 8600 'D' JERSEY CT, RALEIGH, NC 27617:919.480.1075 O@JDSCONSULTING.NET ; WWW.JDSCONSULTING.N PROJECT NO.:

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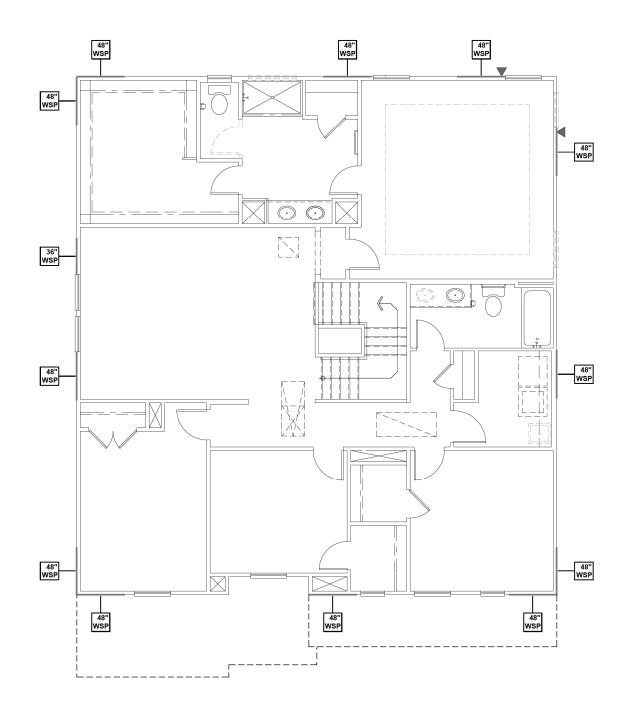
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FIRST FLOOR WALL BRACING PLAN

**S4.0B** 

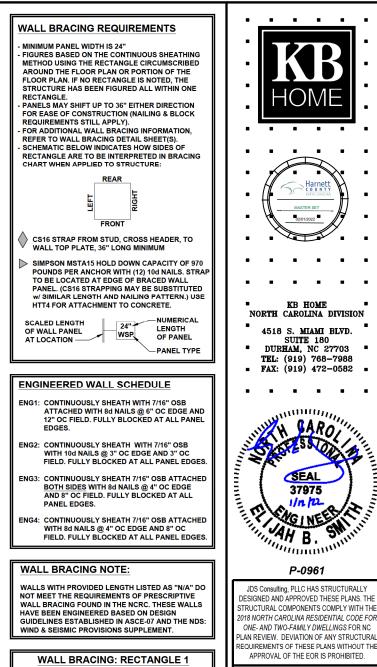
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01/11/2022



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

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



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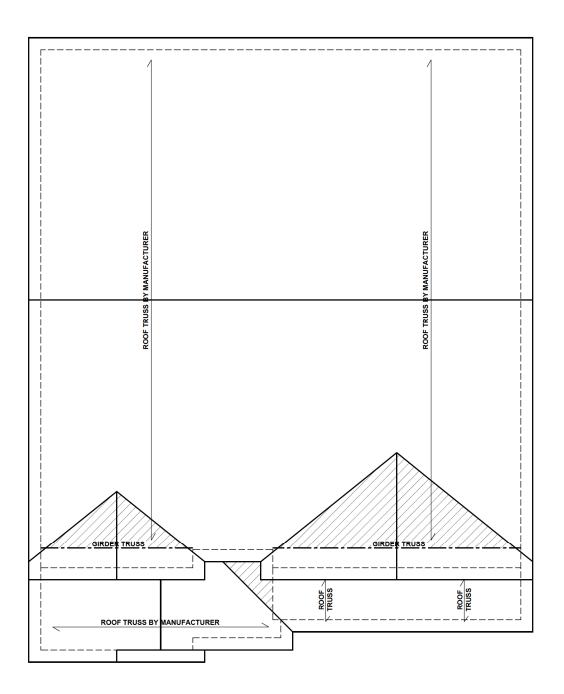
240.3174

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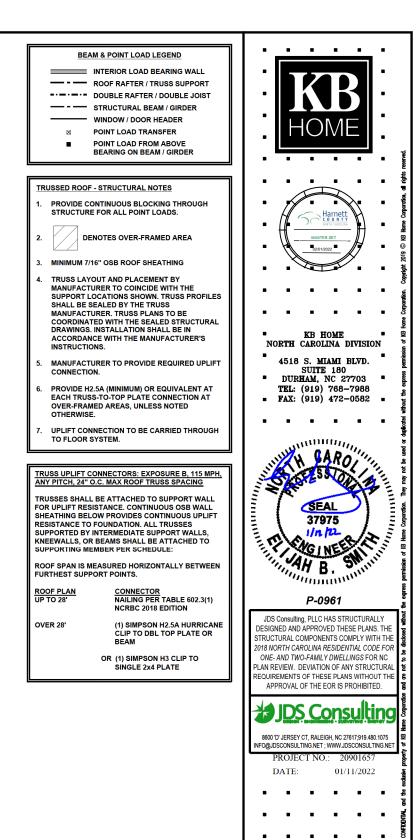
SECOND FLOOR WALL BRACING PLAN

**S5.0B** 

WALL BRACING, RECTANGLE I				
SIDE	REQUIRED LENGTH	PROVIDED LENGTH		
FRONT	9.0 FT.	12.0 FT.		
LEFT	9.0 FT.	15.0 FT.		
REAR	9.0 FT.	12.0 FT.		
RIGHT	9.0 FT.	12.0 FT.		



ROOF FRAMING PLAN - 'B' SCALE: 1/8" = 1'-0"



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240.3174

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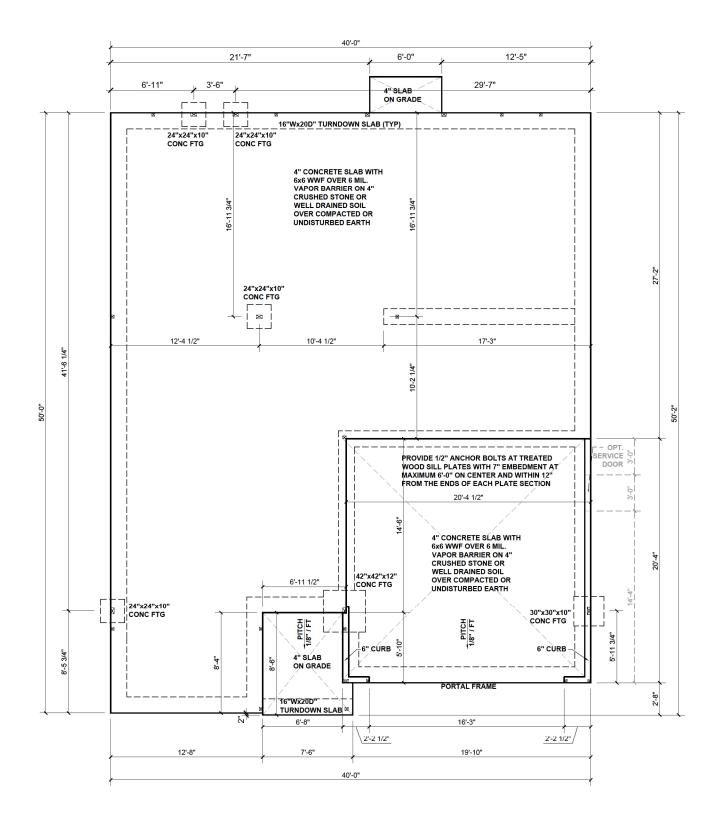
ROOF FRAMING PLAN

**S7.0B** 

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LAN

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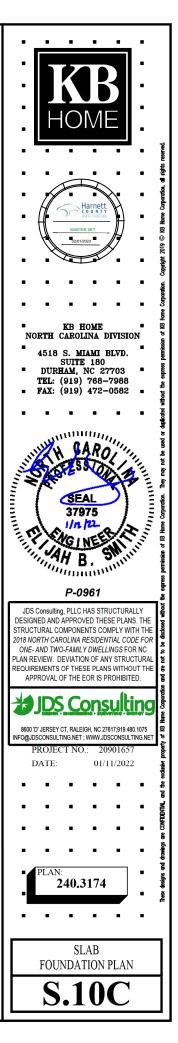
SLAB FOUNDATION PLAN - 'C'

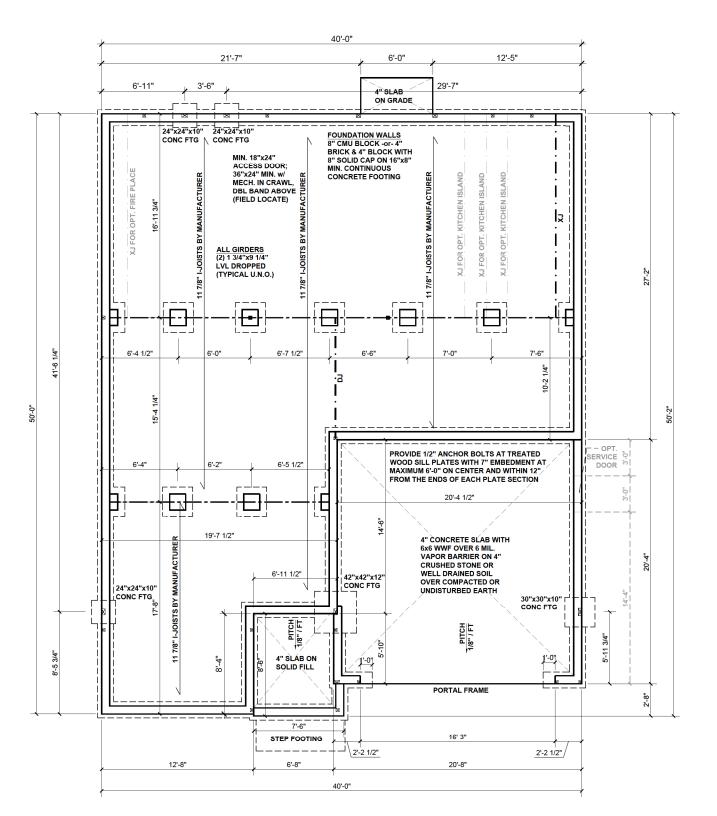
SCALE: 1/8" = 1'-0"

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

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





**CRAWLSPACE 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	

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

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

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

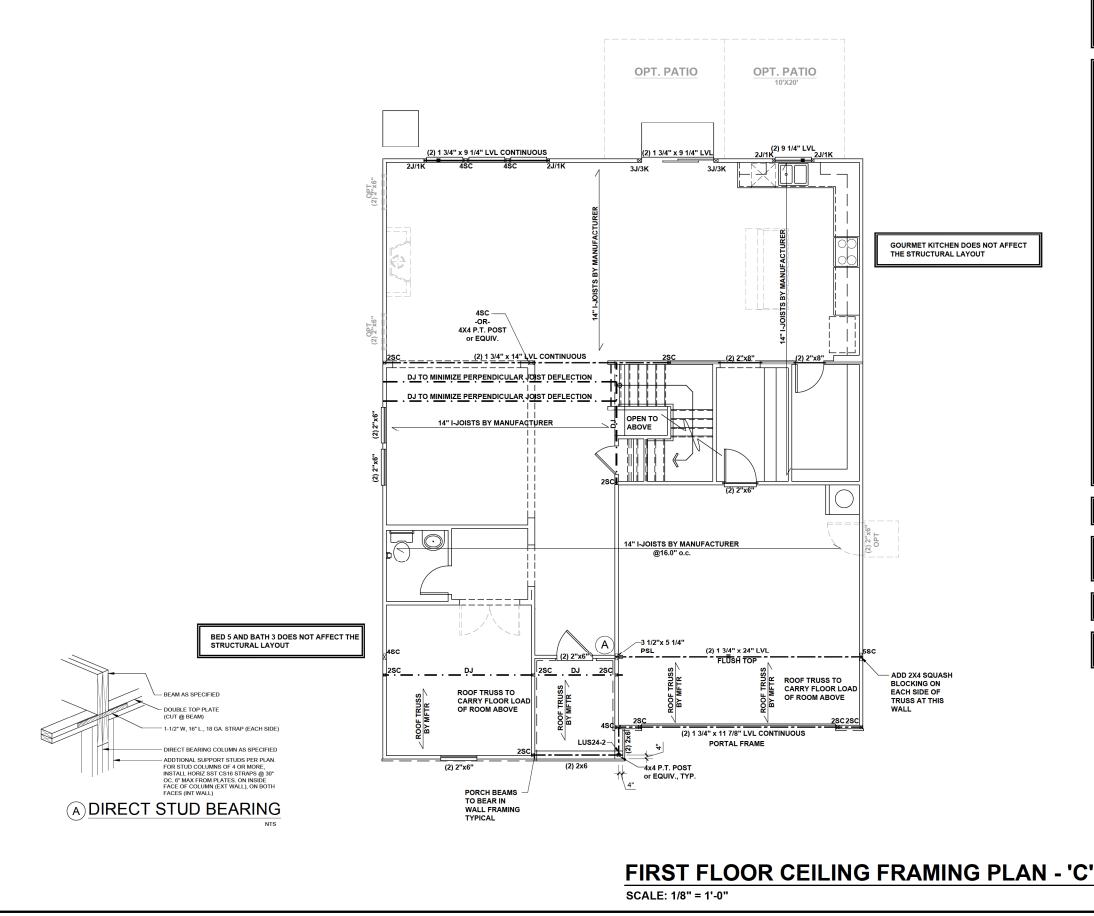
FOUNDATION STRUCTURAL NOTES:

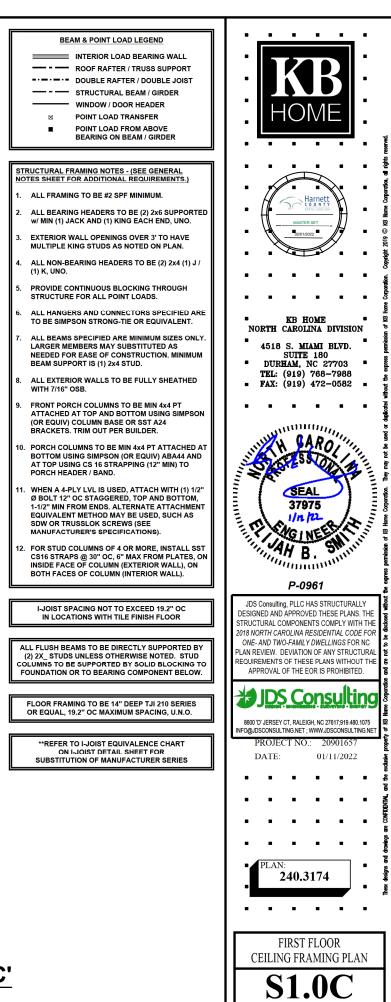
1. CONCRETE BLOCK PIER SIZE SHALL BE:

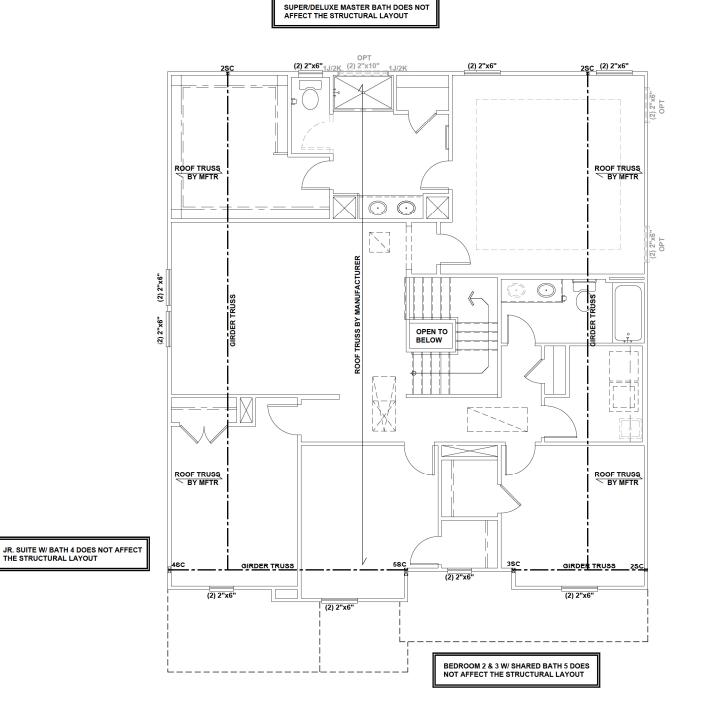
SIZE	HOLLOW MASONRY	SOLID MASONRY	
8x16	UP TO 32" HIGH	UP TO 5'-0" HIGH	
12x16	UP TO 48" HIGH	UP TO 9'-0" HIGH	
16x16	UP TO 64" HIGH	UP TO 12'-0" HIGH	
24x24	UP TO 96" HIGH		
WITH 30" x 30" x 10" CONCRETE FOOTING, UNO.			

8"x16" PIERS AT FOUNDATION WALL SUPPORTING DROPPED GIRDER TO HAVE A 30"x10"x8" FOOTING PROJECTION FROM THE MAIN WALL FOOTING.



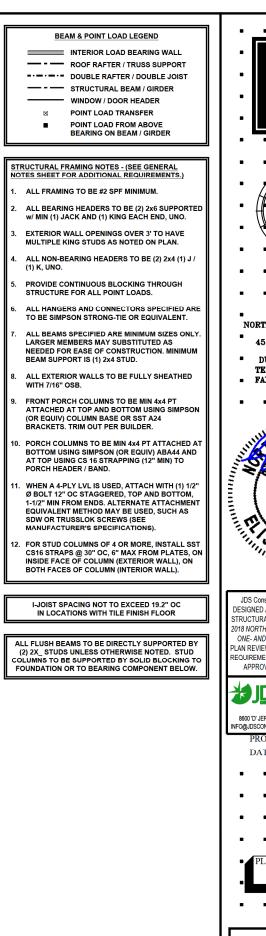




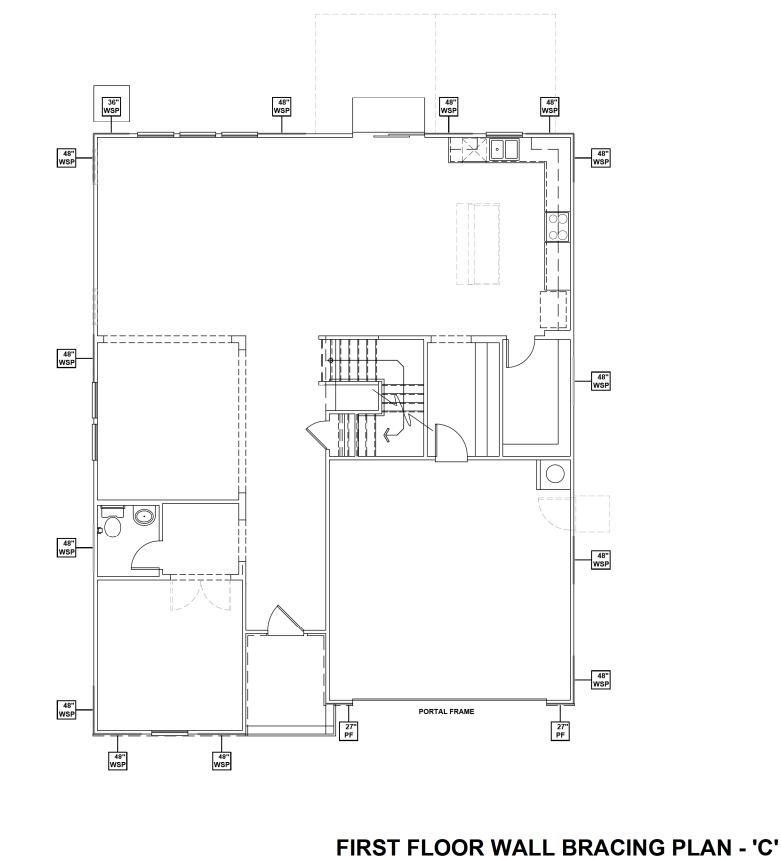


**SECOND FLOOR CEILING FRAMING PLAN - 'C'** 

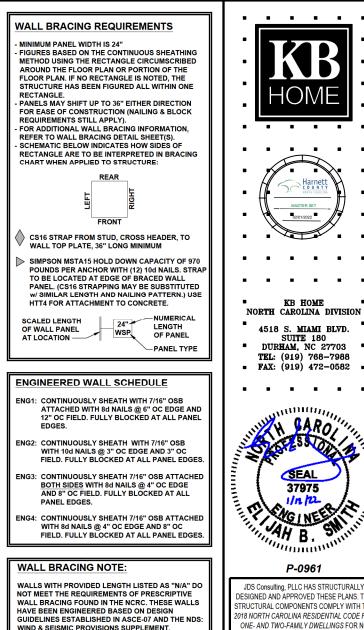
SCALE: 1/8" = 1'-0"







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

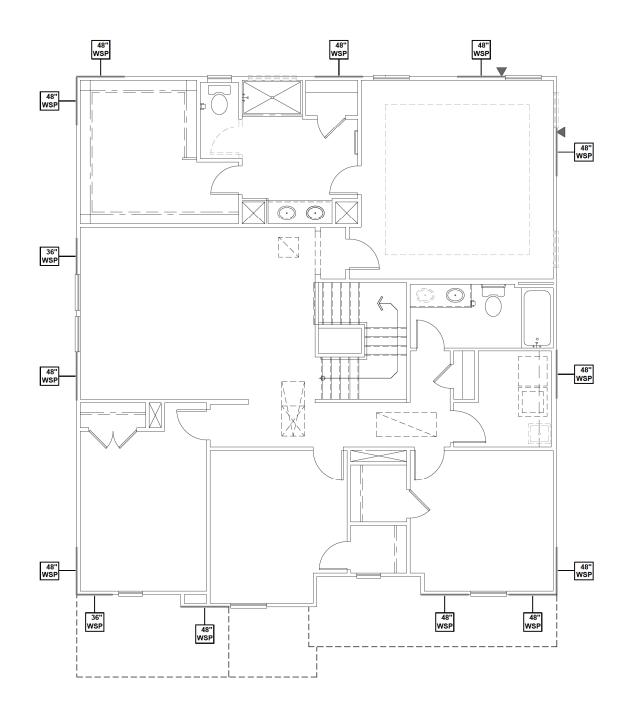


WALL BRACING: RECTANGLE 1			
DED TH			
FT.			
F			

<u>SM</u> JDS Consulting, PLLC HAS STRUCTURALLY DESIGNED AND APPROVED THESE PLANS TH STRUCTURAL COMPONENTS COMPLY WITH THE 2018 NORTH CAROLINA RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS FOR NC PLAN REVIEW DEVIATION OF ANY STRUCTURA REQUIREMENTS OF THESE PLANS WITHOUT TH APPROVAL OF THE EOR IS PROHIBITED. DS Consultin 8600 'D' JERSEY CT, RALEIGH, NC 27617;919.480.1075 O@JDSCONSULTING.NET ; WWW.JDSCONSULTING.N PROJECT NO.: 2090165 DATE: 01/11/2022 . LAN 240.3174 . . . . .

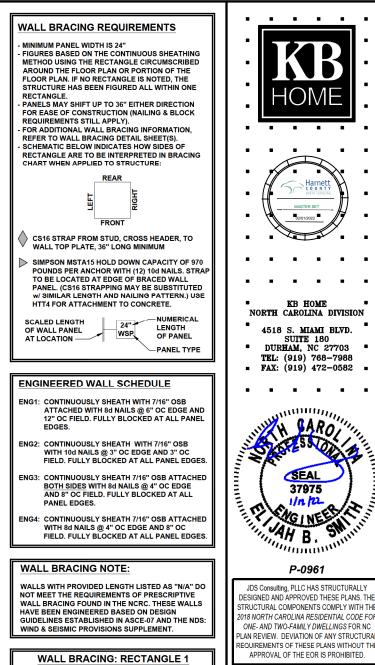
> FIRST FLOOR WALL BRACING PLAN

**S4.0C** 



SECOND FLOOR WALL BRACING PLAN - 'C'

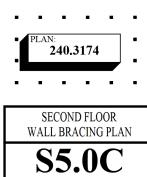
SCALE: 1/8" = 1'-0"



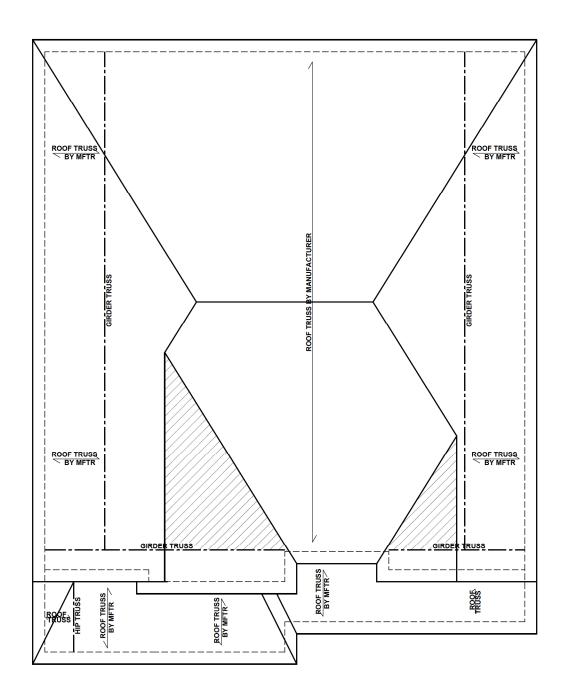
SIDE	REQUIRED LENGTH	PROVIDED LENGTH
FRONT	9.0 FT.	15.0 FT.
LEFT	9.0 FT.	15.0 FT.
REAR	9.0 FT.	12.0 FT.
RIGHT	9.0 FT.	12.0 FT.

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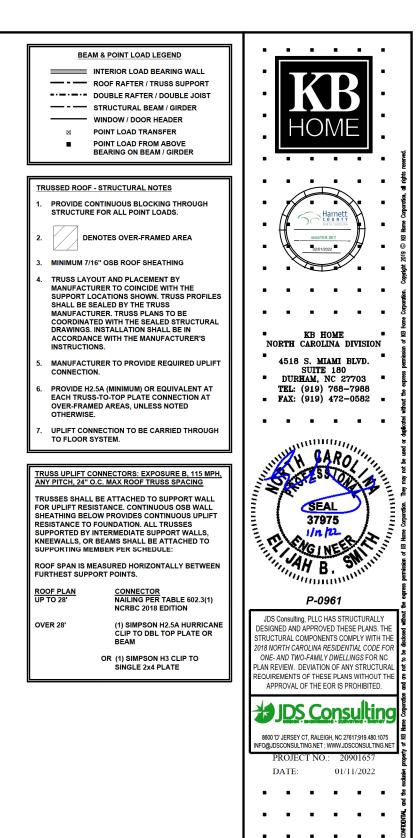
01/11/2022



DATE:



ROOF FRAMING PLAN - 'C' SCALE: 1/8" = 1'-0"

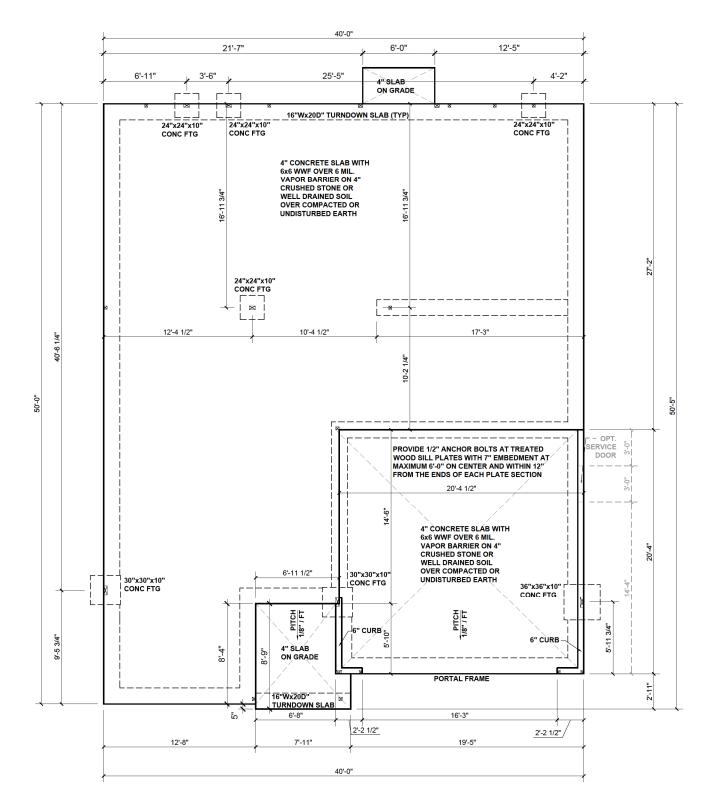


PLAN: 240.3174 ROOF FRAMING PLAN

**S7.0C** 

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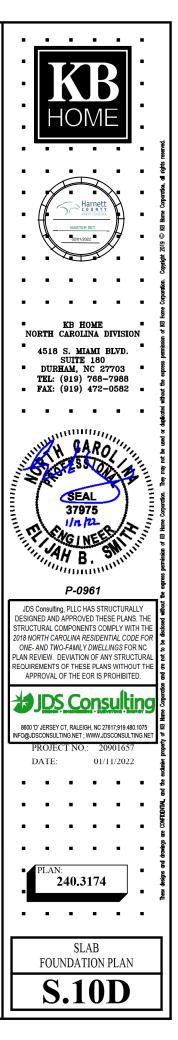
**SLAB FOUNDATION PLAN - 'D'** 

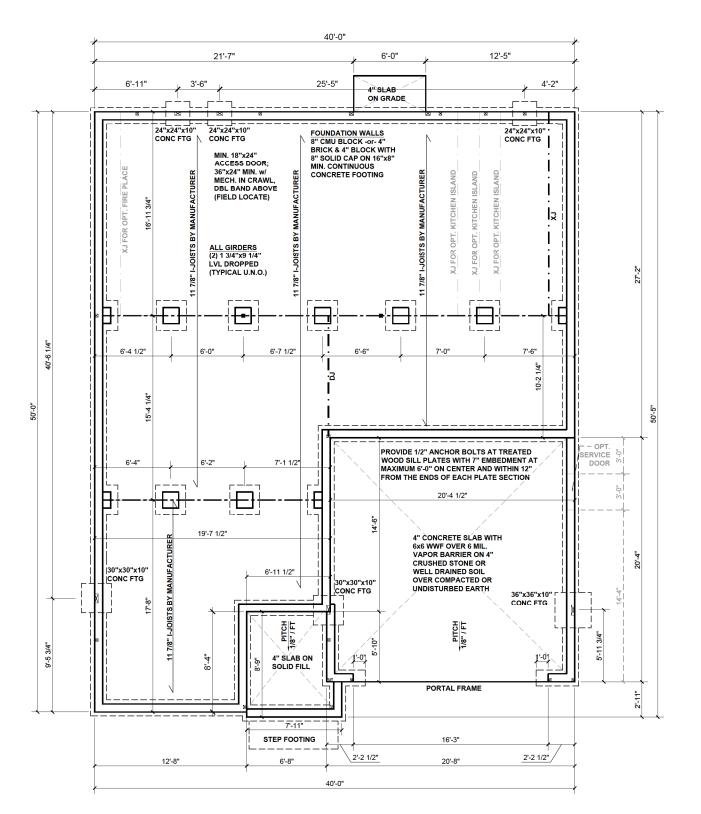
SCALE: 1/8" = 1'-0"

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

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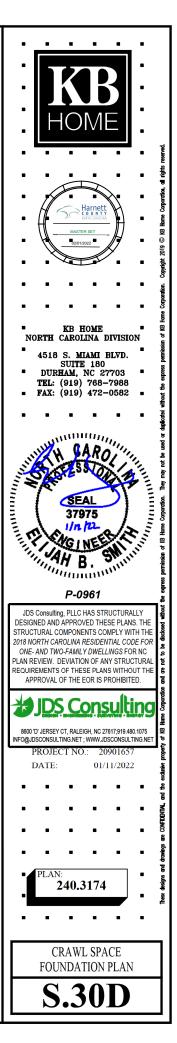
(1) #5 REBAR @ CENTER OFF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)

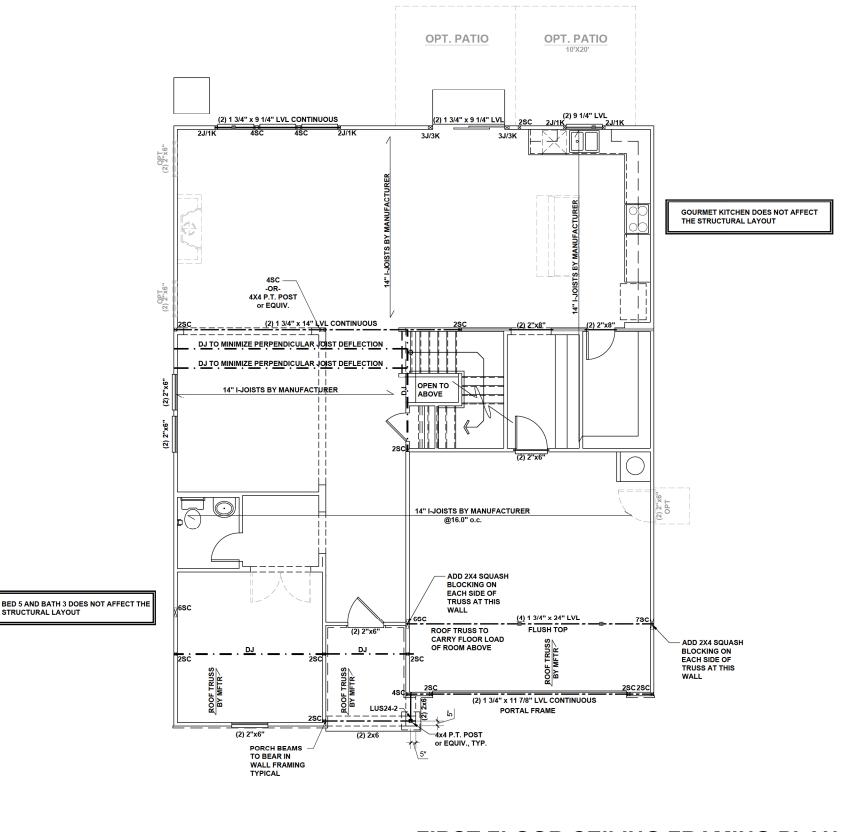
FOUNDATION STRUCTURAL NOTES:

1. CONCRETE BLOCK PIER SIZE SHALL BE:

SIZE	HOLLOW MASONRY	SOLID MASONRY		
8x16	UP TO 32" HIGH	UP TO 5'-0" HIGH		
12x16	UP TO 48" HIGH	UP TO 9'-0" HIGH		
16x16	UP TO 64" HIGH	UP TO 12'-0" HIGH		
24x24	UP TO 96" HIGH			
WITH 30" x 30" x 10" CONCRETE FOOTING, UNO.				

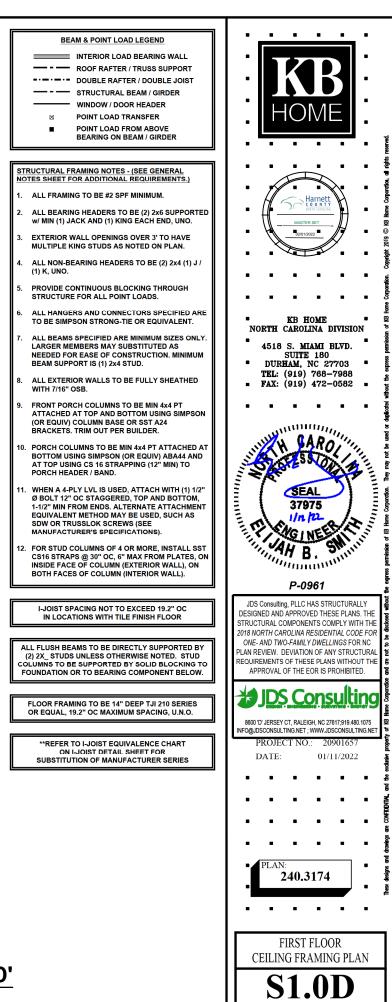
8"x16" PIERS AT FOUNDATION WALL SUPPORTING DROPPED GIRDER TO HAVE A 30"x10"x8" FOOTING PROJECTION FROM THE MAIN WALL FOOTING.

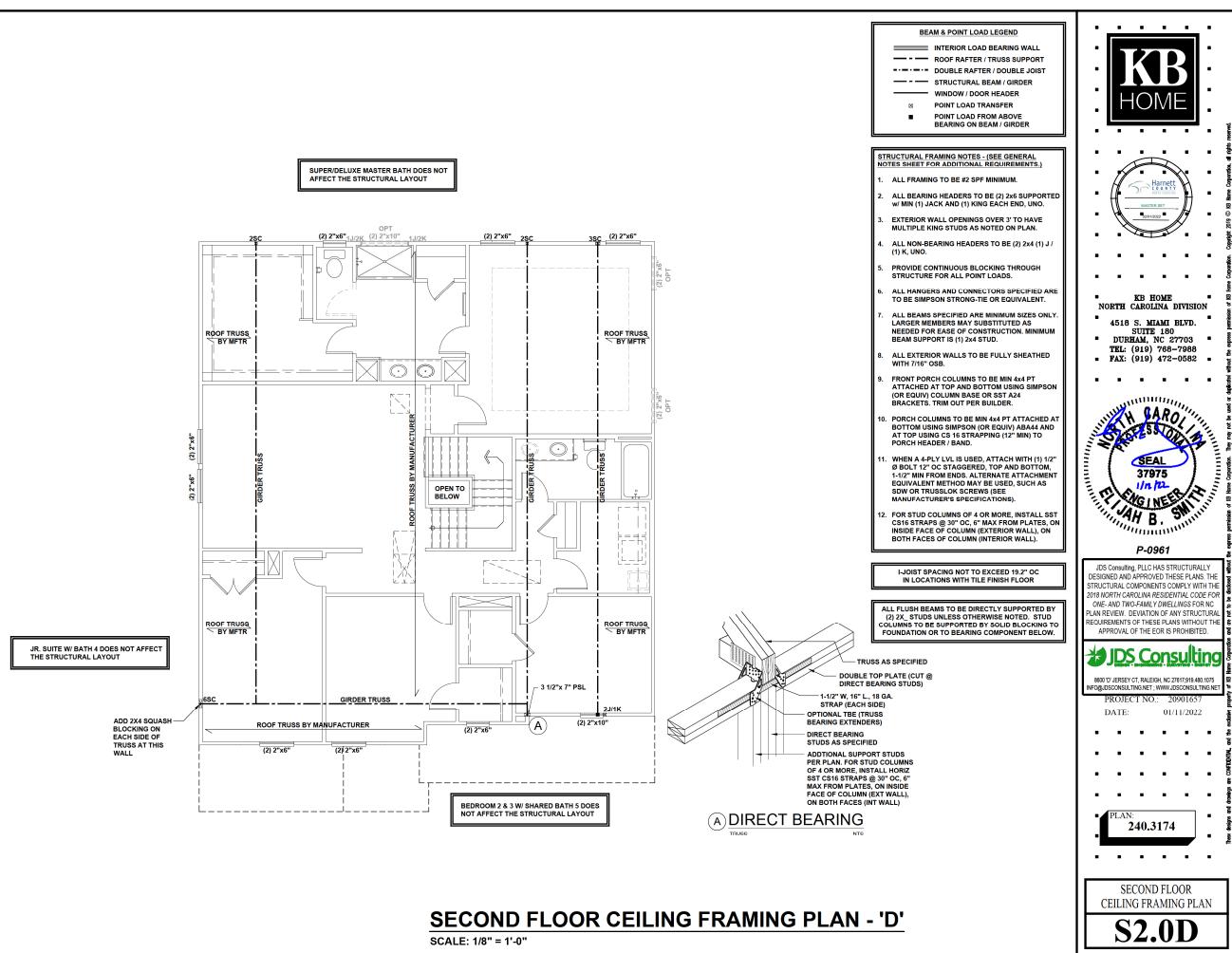


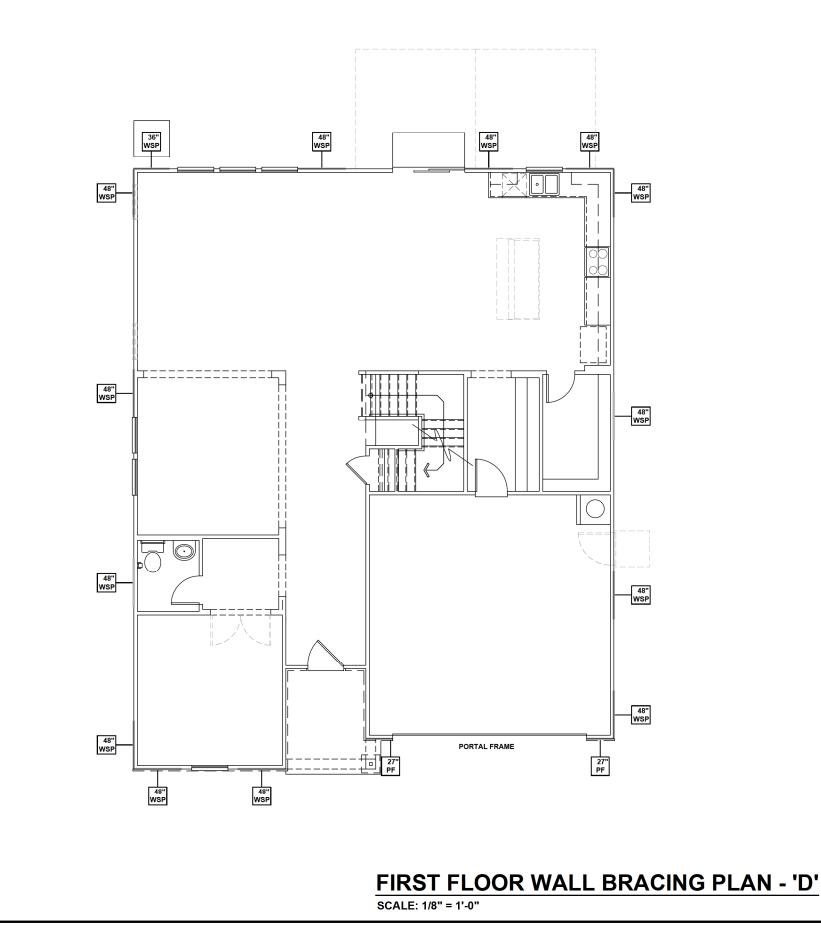


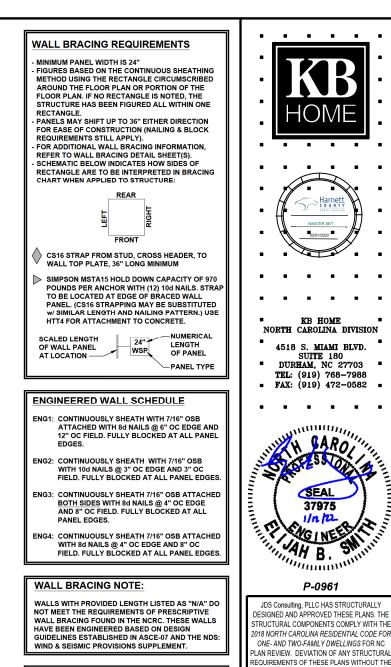
**FIRST FLOOR CEILING FRAMING PLAN - 'D'** 

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









WALL BRACING: RECTANGLE 1				
REQUIRED LENGTH	PROVIDED LENGTH			
13.5 FT.	17.0 FT.			
11.0 FT.	16.0 FT.			
13.5 FT.	15.0 FT.			
11.0 FT.	16.0 FT.			
	REQUIRED LENGTH 13.5 FT. 11.0 FT. 13.5 FT.			

APPROVAL OF THE EOR IS PROHIBITED.

DATE:

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DS Consultin 8600 'D' JERSEY CT, RALEIGH, NC 27617:919.480.1075 O@JDSCONSULTING.NET ; WWW.JDSCONSULTING.N PROJECT NO.:

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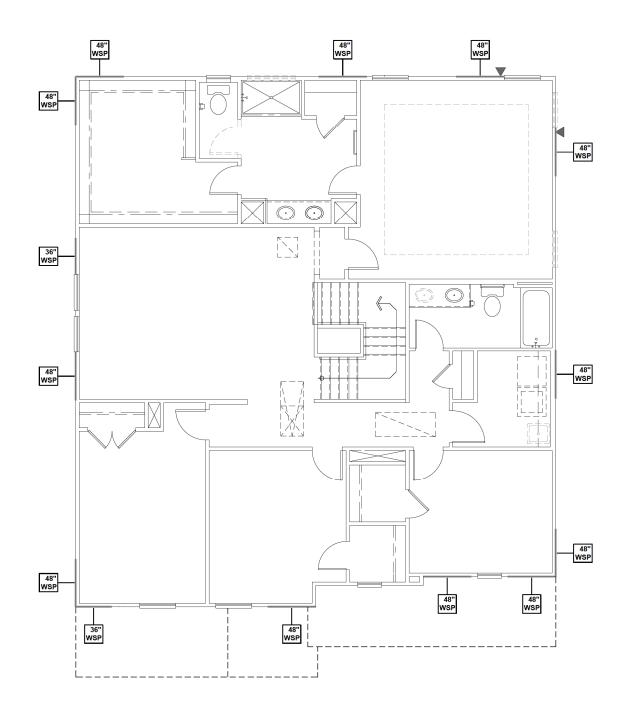
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FIRST FLOOR WALL BRACING PLAN

**S4.0D** 

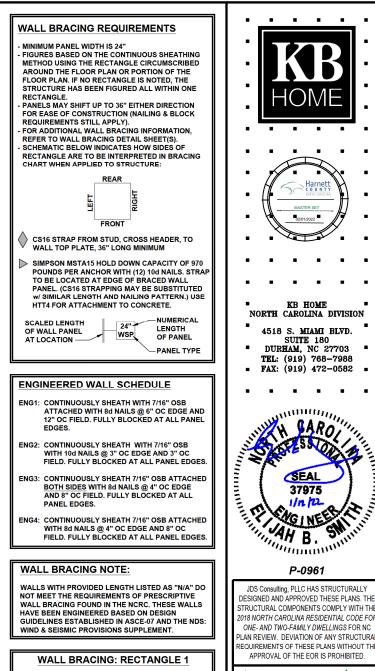
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SECOND FLOOR WALL BRACING PLAN - 'D'

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

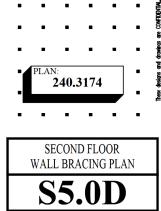


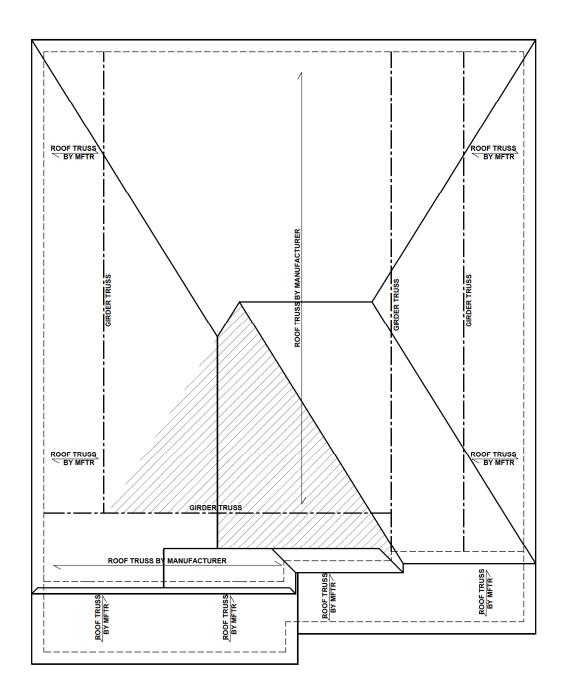
WALL BRACING: RECTANGLE T				
SIDE	REQUIRED LENGTH	PROVIDED LENGTH		
FRONT	9.0 FT.	15.0 FT.		
LEFT	9.0 FT.	15.0 FT.		
REAR	9.0 FT.	12.0 FT.		
RIGHT	9.0 FT.	12.0 FT.		

8600 D' JERSEY CT, RALEIGH, NC 27617,919.480.1075 FO@JDSCONSULTING.NCT ; WWW.JDSCONSULTING.NCT PROJECT NO.: 20901657

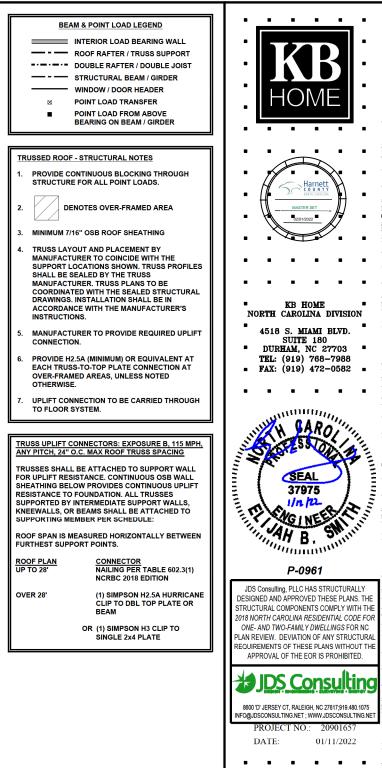
01/11/2022

DATE:





**ROOF FRAMING PLAN - 'D'** SCALE: 1/8" = 1'-0"



LAN 240.3174 . . . . . . **ROOF FRAMING PLAN** 

**S7.0D** 

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