

Approved 11/14/2019BSutton



# NORTH CAROLINA **40' SERIES** PLAN 140.1445

LOT 13 MASON POINTE -ELEVATION C

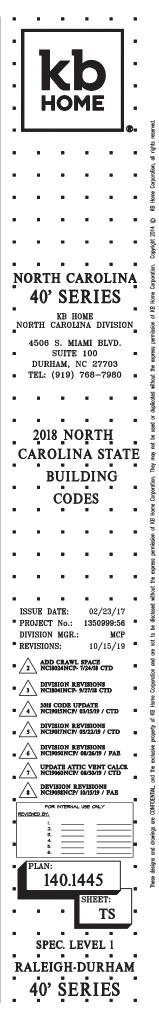


# ABBREVIATIONS

	AE	BRE	EVIATION	IS		ARCH	I. SYMBOLS	CONSULTANTS	SQL	JARE FOC	<b>)TAG</b>	GE CODE INFORMATIC			INFORMATION	
ABV. A/C ADJ.	ABOVE AIR CONDITIONING ADJUSTABLE	6.F.I. 6.I.	GROUND-FAULT R.C. CIRCUIT S. INTERRUPTER S. GALVANIZED IRON S.C.	ГР 5H 5. 50	OUGH OPENING HELF AND POLE OLID CORE		BUILDING SECTION	OWNER : KB HOME NORTH CAROLINA DIVISION 4506 S. MIAMI BLVD, SUITE 160		SQUARE FOOTAG PLAN 140.1445	E		2018 NO	CABLE CODES: RTH CAROLINA STATE CODE: RESIDENTIAL	CODE ABBREVIATIO	SIDENTIAL CODE
ALT AMP. BD.	ALTERNATE AMPERAGE BOARD	GL. GYP. BD. H.C.	GLASS SI . GYPSUM BOARD SE HOLLOW CORE S.H	, эм с. 56	MOKE DETECTOR ECTION INGLE HUNG	A ,		4506 S. MIAMI BLVD., SUITE I&O DURHAM, NC 27103 TEL. (919) 768-7880 FAX. (919) 544-2928	FLOOR AREA		1445		CODE, INC	LUDING REFERENCED	N.CB. NORTH CAROLINA BUI N.CM. NORTH CAROLINA BUI N.CP. NORTH CAROLINA PLI N.CF. NORTH CAROLINA FUE	CHANICAL CODE
⊈ CAB. CLG.	CENTER LINE CABINET CEILING	ноя. ноя. нот. / нт н.н.	HEADER SH	тна. сн	HEET HEATHING HOWER	·*·*	DETAIL REFERENCE		TOTAL ARE GARAGE AREA	A	1445 420	SQ. FT. 50. FT.		<u>/4</u>	N.CE. NORTH CAROLINA FUE N.CE.C. NORTH CAROLINA ELE N.CE.C. NORTH CAROLINA ENE N.E.C. NATIONAL ELECTRICA	ECTRICAL ERGY CODE
CLR. CONC. CPT.	CLEAR CONCRETE CARPET	HS 11.0.	HORIZONTAL SIN SLIDER SL	. 5L	IMILAR LIDING LIDING GLASS		DETAIL NUMBER		PORCH AREA(S)	ELEVATION 'A'	43	SQ. FT.	PROJE	CT DESCRIPTION:	I.C.B.O. INTERNATIONAL CONF OF BUILDING OFFICIA A.S.T.M. AMERICAN SOCIETY F TESTING MATERIALS	LS
C.T. D. DBL.	CERAMIC TILE DRYER DOUBLE	INSUL. INT. LAM.	INSULATION ST. INTERIOR S.V. LAMINATED TE	/. эн	TANDARD HEET VINYL EMPERED <i>G</i> LASS	$\bigcirc$	KEYNOTE REFERENCE			ELEVATION 'B' ELEVATION 'C' ELEVATION 'D'	43 49 49	50. FT. 50. FT. 50. FT.	I STORY S RESIDENT TYPES	SINGLE FAMILY DETACHED TAL PLAN W/ 4 ELEVATION	N.F.P.A. NATIONAL FIRE PROT ASSOCIATION A.N.S.I. AMERICAN NATIONAL INSTITUTE	
D.G. DIA. DIM.	DUAL GLAZED DIAMETER DIMENGION	LAV. LUM. M.C.	LAVATORY TH LUMINOUS T.C MEDICINE CABINET T.C	р.с. то р.р. то	HICK OP OF CURB OP OF PLATE	##	- REFERENCE NUMBER		PATIO AREA(S)	COVERED	100	50. FT.	OCCUF R3	ANCT:	I.E.C.C. INTERNATIONAL ENER CONSERVATION CODE I.C.C. INTERNATIONAL CODE	COUNCIL
DISP. D.L. DP.	DISPOSAL DIVIDED LIGHT DEEP	MFR. MIN. MTD.	MANUFACTURER T.C MINIMUM TY MOUNTED U.N	Ρ. ΤΥ .Ο. UNI	OP OF SLAB YPICAL NLESS NOTED THERMISE	#"←	OFFSET REFERENCE - DIFFERENTIAL IN FLOOR LEVEL.		DECK AREA(S)	EXT. COVD. DECK	210	50. FT. 50. FT.	<u>со№</u> т ∨-в	RUCTION TYPE:	U.L. UNDERWRITERS LABO	RATORIES, INC.
DR. D.S. DTL.	DOOR DOWNSPOUT DETAIL	MTL. N.I.C. N.T.S.	METAL NOT IN CONTRACT V.I NOT TO SCALE W.	P. ∨A WA	APOR PROOF ASHER	G	OR FINISH SURFACE			EXT. DECK	288	50. FT.		REV	VISION LIST	
D.M. EA. ELEV.	DISHWASHER EACH ELEVATION	0/ 0.C. 0PT.	ON CENTER ME OPTIONAL ME	р. Ис РИ. ИШ	INDOW		REVISION NUMBER REFER TO TITLE SHEET						DELTA	DATE SHEETS REVISED	A3, 3.A4, 3.B4, 3.B5, 3.C4, 3.C5, 3.D4, 3.D5, 4.3,	LOG NUMBER
EQ. EXH. EXT.	EQUAL EXHAUST EXTERIOR	0.5.A. 記 P.B.	OUTSIDE AIR WI PROPERTY LINE W.I PUSH BUTTON W.F		ATER HEATER IROUGHT IRON EATHER PROOF								3 (	7.1, 7.2, 8.A5, 8.A6, 8 29/27/18 1.2, 5.2	.B5, 8.B6, 8.B5, 8.C5, 8.C6, 8.D5, 8.D6	NCI804INCP
FAU F.G./F. F.G.	FORCED AIR UNIT . FIXED GLASS FUEL GAS	PH. PLT. PLYWD.	PHONE PLATE PLYWOOD		·	SCA	LE NOTE	-					4 0	03/15/19 T.S., GNI. GN2, GN3, 8.BI - 8.B6, 8.CI -	3.Al, 3.B2, 3.C2, 3.D2, 5.I, 8.Al - 8.A6 8.C6, 8.Dl - 8.D6	NCI90I5NCP
FIN. FLR. FLR. L	FINISH FLOOR NE FLOOR LINE	PR. P.T.D.F.	PAIR PRESSURE TREATED		-	50/1		-					6 0	08/26/19 TS, I.I, I.3, 2.I, 3.A3,	3.BI, 3.B4, 3.CI, 3.C4, 3.DI, 3.D4, 5.I 3.BI, 3.B4, 3.CI, 3.C4, 3.DI, 3.D4, 5.I	NCI90ITNCP NCI9050NCP
FLUOR FR. DI F.M.C.	FLUORESCENT FRENCH DOOR FLOOR MATERIAL	R. RAD. R.A.G.	DOUGLAS FIR RISER RADIUS RETURN AIR GRILL			IF BOX	( 15 1" 5Q. THEN SCALE 15 1/4" = 1'-0"							08/30/19 3.AI, 3.B2, 3.C2, 3.D 10/15/19 3.AI - 3.A4, 3.B2 -	2, 8.Al - 8.D6 3.B5, 3.Cl - 3.C5, 3.Dl - 3.D5, 8.Al - 8.D6	NCI9060NCP NCI9060NCP
FTG. GA.	CHANGE FOOTING GAUGE	ref. Ref. Re/s Rev.	Reficierator Refrigerator Re-Sawn Reverse			IF BOX	: IS I/2" SQ. THEN SCALE IS I/8" = I'-0"									
GAR.	ISP. GARBAGE DISPOSAL	RM.	ROOM													

I ROOF W/ REAR PARTIAL RIGHT ELEVATIONS VIERED PATIO I ROOF W/ REAR PARTIAL RIGHT ELEVATIONS TENDED COVERED PATIO I ROOF W/ REAR PARTIAL, SIDE ELEVATIONS VIERED SCREENED PATIO I ROOF W/ REAR, PARTIAL RIGHT ELEVATIONS I ROOF W/ REAR, PARTIAL RIGHT ELEVATIONS TENDED COVERED SCREENED PATIO VIIONS 4 SLAB INTERFACE PLAN 'A' AT SCREENED-IN VIONS 4 SLAB INTERFACE PLAN 'A' AT SCREENED-IN
(1009 & 51ad Interface flan a at screened-in
I ROOF W/ REAR, PARTIAL RIGHT ELEVATIONS VERED PATIO I ROOF W/ REAR, PARTIAL RIGHT ELEVATIONS TENDED COVERED PATIO I ROOF W/ REAR, PARTIAL SIDE ELEVATIONS VICED SCREENED PATIO I ROOF W/ REAR, PARTIAL SIDE ELEVATIONS TENDED COVERED SCREENED PATIO TENDED COVERED SCREENED PATIO
TIONS & SLAB INTERFACE PLAN 'B' AT SCREENED-IN
I ROOF W REAR, PARTIAL RIGHT ELEVATIONS VERED PATIO I ROOF W REAR, PARTIAL RIGHT ELEVATIONS IENDED COVERED PATIO I ROOF W REAR, PARTIAL SIDE ELEVATIONS VERED SCREENED PATIO I ROOF W REAR, PARTIAL RIGHT ELEVATIONS I ROOF W REAR, PARTIAL RIGHT ELEVATIONS ITIONS & SLAB INTERFACE PLAN 'C' AT SCREENED-IN VITIONS & SLAB INTERFACE PLAN 'C' AT SCREENED-IN
8 ROOF W/ REAR, PARTIAL RIGHT ELEVATIONS VIERED PATIO 8 ROOF W/ REAR, PARTIAL RIGHT ELEVATIONS TENDED COVERED PATIO 8 ROOF W/ REAR, PARTIAL SIDE ELEVATIONS 9 ROOF W/ REAR, PARTIAL SIDE ELEVATIONS 18 ROOF W/ REAR, PARTIAL SIDE ELEVATIONS 18 ROOF W/ REAR, PARTIAL SIDE ELEVATIONS 11 CONS 4 SLAB INTERFACE PLAN 'D' AT SCREENED-IN NTIONS 4 SLAB INTERFACE PLAN 'D' AT SCREENED-IN NTIONS 4 SLAB INTERFACE PLAN 'D' AT SCREENED-IN

# CODE INFORMATION



# 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 LANS, STATUTES, THE MOST RECENT BUILDING CODES, ORDINANCES, RULES, REGULATIONS, AND LANFUL ORDERS OF ALL PUBLIC AUTORITIES HAVING JURISDICTION OVER CONT RACTOR, ANY SUBCONTRACTOR, THE PROJECT THE PROJECT 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 OMISSIONS IN THE CONSTRUCTION DOCU-MENTS OR INCONSISTENCIES WITH APPLICABLE CODE REQUIREMENTS OBSERVED BY THE CONTRACTOR,
- IF CONTRACTOR PERFORMS WORK WHICH HE KNOWS OR SHOULD KNOW IS IF CONTRACTOR PERFORMS WORK WHICH HE KNOWS OK SHOULD KNOW IS CONTRARY TO APPLICABLE CODE REQUIREMENTS, WITHOUT THE ASREEM OF ONNER, CONTRACTOR SHALL BE RESPONSIBLE FOR SUCH WORK AND SHALL BEAR THE RESULTANT LOSSES, INCLUDING, WITHOUT LIMITATION, TH COSTS OF CORRECTING DEFECTIVE WORK.
- 5, CONTRACTOR SHALL PROVIDE CERTIFICATES OF INSURANCE ACCEPTABLE TO OWNER PRIOR TO COMMENCEMENT OF WORK,
- CONTRACTOR SHALL TAKE FIELD MEASUREMENTS, VERIFY FIELD CONDITIONS, AND CAREFULLY COMPARE WITH THE CONSTRUCTION DOCUMENTS SUCH FIELD MEASUREMENTS, CONDITIONS, AND OTHER INFORMATION KNOWN TO CONTRACTOR BEFORE COMMENCING THE WORK ERRORS, INCONSISTENCIES, OR OMISSIONS DISCOVERED AT ANY TIME SHALL BE PROMPTLY REPORTED IN WRITING TO THE OWNER.
- 7. CONTRACTOR SHALL PROMPTLY NOTIFY OWNER'S REPRESENTATIVE IF CONTRACTOR SPACE PROVING THE DURING THE PERFORMANCE OF THE WORK THAT THE CONSTRUCTION DOCUMENTS ARE NOT IN COM-PLIANCE WITH APPLICABLE CODE REQUIREMENTS,
- 8. BY SUBMITTAL OF BID. CONTRACTOR WARRANTS TO OWNER THAT ALL MATERIALS AND EQUIPMENT TO BE FURNISHED ARE NEW UNLESS NOTED OTHERWISE AND ALL WORK WILL BE OF GOOD QUALITY AND FREE FROM FAULTS AND DEFECTS,
- SUB-CONTRACTORS SHALL INSURE THAT ALL MORK IS DONE IN A PROFESSIONAL MORKMANLIKE MANNER BY SKILLED MECHANICS AND SHALL REPLACE ANY MATERIALS OR ITEMS DAMAGED BY SUB-CONTRACTORS PERFORMANCE, SUB-CONTRACTORS AND SUPPLIERS ARE HEREVENTIFIED THAT THEY ARE TO CONFRANT ON SUPPLIERS FULLY WITH EACH OTHER DURING THE CORSE OF CONTRUCTION TO DETERMINE THE EXACT EXTENT AND OVERLAP OF EACH OTHER'S MORK 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 ADORY MENTIONED INSPECTORS MAY INSPECT MORKMANSHIP AT ANY TIME, AND CORRECTIONS NEEDED TO ENHANCE THE QUALITY OF BUILDING WILL BE ORDER IMMEDIATELY. EACH SUB-CONTRACTOR, WALESS SPECIFICALLY EXEMPTED BY THE TERMS OF HISHERS SUB-CONTRACTORS, BUILDER MULL DE TERPONSIEL FOR CLEANING UP AND REMOVING FROM THE JOB SITE ALL TRASH AND DEBRIS NOT LEFT BY OTHER SUB-CONTRACTORS, BUILDER MILL DETEMINE HOW SOON AFTERS SUB-CONTRACTORS, BUILDER MILL DETEMINE HOW SOON AFTERS SUB-CONTRACTORS, BUILDER MILL DETEMINE HOW SOON AFTERS SUB-CONTRACTORS, BUILDER MILL DETEMINE 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 0. ALLOWABLE FAILURE TO COMPLY WITH THE PLANS AND SPECIFICATIONS, ANY DESIGN WHICH FAILS TO BE CLEAR OR IS AMBIGUOUS MUST BE REFERRED TO THE ARCHITECT OR ENGINEER FOR INTERPRETATION OR CLARIFICATION,
- ALL EQUIPMENT AND MATERIALS FURNISHED AND INSTALLED UNDER THESE PLANS SHALL BE GUARANTEED BY THE CONTRACTOR FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE OF THE WORK BY OWNER UNLESS STIPULATED OTHERWISE. П,
- 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 ISSUANCI OF THE FINAL CONSTRUCTION SET WHICH WILL CONTAIN NO "BID SET" DESIGNATIONS, CONSTRUCTION DOCUMENTS IDENTIFIED AS "BID SET" ARE NOT TO BE CONSTRUCT AS BUILD FILE COMPLETED OR FINAL 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
- 18, THE CONSTRUCTION DOCUMENTS AND ALL COPIES THEREOF FURNISHED TO CONTRACTOR ARE THE PROPERTY OF THE ARCHITECT AND ARE NOT TO BE USED ON OTHER WORK,

# SITE WORK

- CONTRACTOR SHALL INVESTIGATE SITE DURING CLEARING AND EARTHWORK OPERATIONS FOR FILLED EXCAVATIONS OR BURIED STRUCTURES SUCH AS CESSPOOLS, CISTERNS, FOUNDATIONS, ETC., AND BURIED ARTIFACTS SUCH AS INDIAN OR DINOSAUR BONES, II ANY SUCH ITEMS ARE FOUND THE ARCHITECT, CIVIL ENGINEER, AND SOILS ENGINEER SHALL BE NOTIFIED IMMEDIATELY
- 2, CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO FULLY PROTECT ADJACENT PROPERTIES
- REFER TO THE SOILS REPORT AS PREPARED BY THE GEOTECHNICAL З, FNGINEER
- 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,
- FOOTINGS SHALL REST ON FIRM NATURAL SOIL OR APPROVED MPACTED 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, 14
- THE REQUIREMENTS IN THESE NOTES ARE THE MINIMUM THAT SHALL BE
- THE 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.
- CONCRETE SHALL BE PROPORTIONED TO PROVIDE AN AVERAGE 2. COMPRESSIVE STRENGTH AS PRESCRIBED IN THE N.C.-R. AS WELL AS SATISFY THE DURABILITY CRITERIA OF THE N.C.-R
- MIXING OF CONCRETE SHALL BE PERFORMED IN ACCORDANCE WITH ACI 318. SECTION 5.8
- THE DEPOSITING OF CONCRETE SHALL COMPLY WITH THE PROVISIONS ACI 318. SECTION 5.10.
- THE CURING OF CONCRETE SHALL BE IN ACCORDANCE WITH 5. ACI 318. SECTION 5.11
- ALL FORM WORK SHALL BE DESIGNED, CONSTRUCTED, UTILIZED, AND
- CONDUIT, PIPES AND SLEEVES OF ANY MATERIAL NOT HARMFUL TO CONCRETE AND WITHIN THE LIMITATIONS OF ACI 318, SECTION 6.3, ARE PERMITED 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.U.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, CONDUIT, DUILE I SOUCES, ANCHORS, HANGERS, SLEEVES, BOLTS OR OTHER EMEEDDED MATERIALS AND ITHEM MUST BE SECURED AND APPROPRIATELY FASTENED IN THEIR PROPER LOCATIONS PRIOR TO THE FLACEMENT OF CONCRETE, SUB-CONTRACTOR SHALL VERIEY INSTALLATION OF HOLD-DOWNS, ANCHOR BOLTS, PA STRAPS, AND OTHER ANCHORAGE MATERIAL AND ITEMS PRIOR TO PLACEMENT OF CONCRETE,
- POST-TENSION SLABS, IF APPLICABLE: 13,
- POINT AND LINE LOADS FROM STRUCTURE ABOVE TO BE PROVIDED TO POST-TENSION ENGINEER PRIOR TO POST-TENSION DESIGN,
- ANCHOR BOLTS AND OTHER HARDWARE TO BE SHOWN ON POST-TENSION PLANS TO AVOID MIS-LOCATION OF HARDWARE AND POSSIBLE FIELD FIXES WHICH MAY CUT TENDONS, В,

# MASONRY

- ALL MASONRY DESIGN SHALL FOLLOW THE REQUIREMENTS OF THE CURRENT ADOPTED CODES,
- ANCHORED MASONRY VENEER SHALL COMPLY WITH THE PROVISIONS OF N.C.-R, AND SECTIONS 6,1 AND 6,2 OF ACI 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 NC.-R AND SHALL MEET THE FROPERTICI 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 NUTS, 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 STEL, SILCON READLE OR COPPER, VERIFY ACCEPTABLE FASTENERS FER CHEMICALS USED IN PRESSURE PRESERVITIVELY TREATED MOOD WI NC.-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 MOOD 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 RSO2.1. 2
- ALL LUMBER SHALL MEET THE STANDARDS OF QUALITY AS STATED IN THE N.C.-R З,
- LIMBER AND PLYMOOD REQUIRED TO BE PRESERVATIVELY TREATED IN ACCORDANCE WITH THE N.C.R. AND SHALL BEAR THE QUALITY MARK OF AN APPROVED INSPECTION AGENCY THAT MAINTAINS CONTINUING SUPERVISION, TESTING AND INSPECTION OVER THE QUALITY OF THE PRODUCT AND THAT HAS BEEN APPROVED BY AN ACCREDITATION BODY THAT COMPLIES WITH THE REQUIREMENTS OF THE AMERICAN LUMBER STANDARD COMMITTEE TREATED WOOD PROGRAM.
- 5. ALL LUMBER SIZES NOTED AND SPECIFIED ON PLANS ARE NOMINAL SIZES UNLESS SPECIFICALLY INDICATED AS NET SIZE.

### GLUE LAMINATED LUMBER

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- 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, PRODUCT, PRESERVATIVE AND END USE, PRESERVATIVES SHALL BE LISTED IN SECTION 4 OF AWPA UI
- WOOD JOISTS OR THE BOTTOM OF WOOD FLOOR WHEN CLOSER THAN 18 Inches, or wood girders when closer than 12 inches to the exposed ground in cram. Spaces or inexcavated arras located inthin 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 SEPARATI FROM THE GROUND BY AN APPROVED IMPERVIOUS MOISTURE BARRIER. 3. RATED
- THE ENDS OF WOOD GIRDERS ENTERING EXTERIOR MASONRY OR CONCRETE WALLS HAVING CLEARANCES OF LESS THAN 0.5 INCH ON TOPS, SIDES AND ENDS,
- WOOD SIDING AND SHEATHING ON THE EXTERIOR OF A BUILDING HAVING A CLEARANCE OF LESS THAN 6 INCHES FROM THE GROUND,
- WOOD STRUKTURAL MEMBERS SUPPORTING MOISTURE-PERMEABLE FLOORS OR ROOPS THAT ARE EXPOSED TO THE NEATHER, SUCH AS CONCRETE OR MASONRY SLABS, UNLESS SEPARATED FROM SUCH FLOORS OR ROOPS BY ANIMPERVIOUS MOISTURE BARRIER,
- 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 3, 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)

# SHEATHING

FLOOR FRAMING

ROOF FRAMING

WALL FRAMING

EXCEPTIONS

2,

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

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 INDERLAYMENT 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 REGG OF THE NORTH CAROLINA RESIDENTIAL CODE, MHERE THE PROPERTY 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 THE STRUCTURAL ENGINEER'S CURRENT PLANS & CALCULATIONS

REFER TO MANUFACTURER FOR ALL LAYOUTS AND CALCULATIONS

FOR SIZE, SPACING, AND ANCHORAGE OF ALL FLOOR JOISTS; SIZE, LOCATION, AND ANCHORAGE OF ALL FLOOR BEAMS AND HEADERS;

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

THE MANUFACTURER SHALL SUPPLY TO THE ARCHITECT AND BUILDER CALCULATIONS AND SHOP DRAVINGS FOR APPROVAL OF DESIGN LOADS, CONFIGURATION (2 OR 3 POINT BEARING), 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. HYAC EQUIPMENT, WATER HEATER) THAT EXCEEDS THE DESIGN LOAD FOR THE TRUSSES SHALL NOT BE PERMITTED WITHOUT METTEN VERIFICATION THAT THE TRUSS IS CAPABLE OF SUPPORTING SUCH ADDITIONAL LOADING.

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

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

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

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

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

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,

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

WHERE JOISTS, TRUSSES OR RAFTERS ARE SPACED MORE THAN 16 INCHES ON CENTER AND THE BEARING STUDS BELION 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 NONBEAKING WALLS SHALL BE PERMITED TO BE CONSTRUCTE WITH 2-INCH-BY-3-INCH STUDS SPACED 24 INCHES ON CENTER OR, WHEN NOT A PART OF A BRACED WALL LINE, 2-INCH-BY-4-INCH FLAT STUDS SPACED 16 INCHES ON CENTER, INTERIOR NONBEARING WALLS SHALL BE CAPPED WITH AT LEAST A SINGLE TOP PLATE, INTERIOR NONBEARING WA

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

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

AND ALL RELATED FRAMING ISSUES.

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 1 1/2 INCH THICKNESS.

FLOOR SHEATHING PANELS SHALL BE LAID WITH FACE GRAIN OR STRENGTH AXIS PERPENDICULAR TO SUPPORTS AND WITH PANEL CONTINUOUS OVER TWO OR MORE SPANS, STRUCTURAL FLOOR SHEATHING SHALL COMPLY WITH THE PROVISIONS OF THE N.C.-R

# WOOD & FRAMING

# (continued)

8. DRILLING AND NOTHING 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 FERCEN OF ITS WIDTH, STUDS IN NONBEARING PARTITIONS MAY BE NOTCHED TO A DEPTH NOT TO EXCEED 40 PERCENT OF A SINGLE STUD WIDTH. NOTCHING OF BEARING STUDS SHALL BE ON ONE EDGE NOLY AND NOT TO EXCEED ONE-FOURTH THE HEIGHT OF THE STUD. NOTCHING SHALL NOT OCCUR IN THE BOTTOM OR TOP 6 INCHES OF BEARING STUDS.
- DRILLING, ANY STUD MAY BE BORED OR DRILLED, PROVIDED THAT THE DIAMETER OF THE RESULTING HOLE IS NO MORE THAN 60 PERCENT OF THE STUD MIDTH, THE EDGE OF THE HOLE IS NO MORE THAN 5/8' INCH TO THE EDGE OF THE STUD, AND THE HOLE SHALL NOT BE CLOBER THAN & INCHES FROM NA DJACENT HOLE OR NOTCH, HOLES NOT EXCEEDING 34 INCH DIAMETER CAN BE AS CLOBE AS I 1/2 INCHES ON CENTER SPACING, STUDS LOCATED IN EXTERIOR WALLS OR BEARING PARTITIONS DRILLED OVER 40 PERCENT AND UP TO 60 PERCENT SHALL ALSO BE DOUBLED WITH NO MORE THAN TWO SUCCESSIVE DOUBLED STUDS BORED.
- CUTTING AND NOTCHING OF STUDS SHALL BE PERMITTED TO BE INCREASED TO 65 FERCENT OF THE WIDTH OF THE STUD IN EXTERIOR AND INTERIOR WALLS AND BEARING PARTITIONS, PROVIDED THAT ONE OF THE FOLLOWING CONDITIONS ARE MET. THAT ONE OF THE FOLLOWING CONDITIONS ARE VET. NOTCHED OR CUT
- WHEN PIPING OR DUCTWORK IS PLACED IN OR PARTIALY IN AN EXTERIOR When there or load-defanition wall, decensitiation outfing, drilling or interior load-defanition wall, decensitiation outfing, drilling or notching of the top plate B more than 50 percent of its width a Galvanized metal, the of Not less than 0.054 inch thick and 1 1/2" inches wide shall be fastened Across and to the plate at each INCRES THE OPAILE OF LIFELY ACCOUNT AND THE FLATE AT EACH SIDE OF THE OPAILS WITH NOT LESS THAN EIGHT ION AND ALLS HAVING A MINIMUM LENGTH OF 1/2 INCHES (38 MM) AT EACH SIDE OR EQUIVALENT, THE METAL THE MUST ALTENDA A MINIMUM OF G INCHES PAST THE OPAING
- IO. HEADERS SHALL MEET THE REQUIREMENTS OF THE N.C.-R
  - PROVIDE LATERAL BRACING PER THE N.C.-R
- FOUNDATION CRIPPLE WALLS SHALL MEET THE REQUIREMENTS OF THE N.C.-R CODE
- 14. WOOD STUD WALLS SHALL BE BRACED AS REQUIRED BY THE N.C.-R
- 15, UNLESS COVERED BY INTERIOR OR EXTERIOR WALL COVERINGS OF SUBATHING MEETING THE MINIMUM REQUIREMENTS OF THIS CODE, ALL STUD PARTITIONS OR VALLS WITH STUDS HAVING A HEIGHT-TO-LEAST THICKNESS RATIO EXCEEDING SO SHALL HAVE BRIDGING NOT LESS THAN 2 INCHES IN THICKNESS AND OF THE SAME WIDTH AS THE STUDS FITTED SHULL Y AND VALLED THERETO TO PROVIDE ADEQUATE LATERAL SUPPORT

### FIRE BLOCKS AND DRAFT STOPS

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FIRE BLOCKING SHALL BE PROVIDED TO CUT OFF ALL CONCEALED DRAFT OPENINGS (BOTH VERTICAL AND HORIZONTAL) AND TO FORM AN EFFECTIVE BARRIER BETWEEN STORIES, AND BETWEEN A TOP STORY AND A ROOF SPACE, FIREBLOCKING SHALL BE 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 THICK BEDGLING SHALL COMMINAL LUMBER WITH BROKEN LAMBER OR, AR ONE THICKNESSES OF I-INCH NOOM STRUCTURAL PANELS WITH JOINTS BACKED BY 23/52-INCH NOOD STRUCTURAL PANELS OR ONE THICKNES OF 3/4-INCH PARTICLEBOARD WITH JOINTS BACKED BY 3/4-INCH PARTICLEBOARD, I/2-INCH OFTSOM BOARD, OR I/4-INCH CHENT-BASED

BATTS OR BLANKETS OF MINERAL WOOL OR GLASS FIBER OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO 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 IO 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.

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

### HANDRAIL AND GUARDRAIL

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

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

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**RALEIGH-DURHAM** 

40' SERIES

GN1

# THERMAL & MOISTURE

# PROTECTION

- PROVIDE ALL FLASHING, COUNTER-FLASHING, BITUTHENE, MEMBRANE WATERPROOFING, SHEET METAL, CAULKING, SEALANTS, ELASTOMERIC MALKING SURFACES, AND RAIN GUTHERS AND/OR DIVERTERS WHERE REQUIRED, TO MAKE WORK COMPLETELY WATERPROOF.
- "CORROSION RESISTANCE" SHALL MEAN THE ABILITY OF A MATERIAL TO WITHSTAND DETERIORATION OF IT'S SURFACE OR IT'S PROPERTIES WHEN EXPOSED TO IT'S ENVIRONMENT,
- BALCONIES, LANDINGS, EXTERIOR STAIRWAYS, OCCUPIED ROOFS AND SIMILAR SURFACES EXPOSED TO THE NEATHER AND SEALED UNDER-NEATH SHALL BE WATERPROOFED AND SLOPED A MINIMUM OF 1/4 WIT VERTICAL IN 12 WITS 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 MANUFACTRER'S 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 A DAMPPROOFED IN ACCORDANCE WITH THE N.C.-R
- PARAPET WALLS SHALL BE PROPERLY COPED WITH NONCOMBUSTIBLE, MEATHERROOF MATERIALS OF A WIDTH NO LESS THAN THE THICKNESS OF THE PARAPET WALL, PARAPET COPING SHALL EXTEND 2" MINIMM DOWN THE FACES OF THE PARAPET,

### FLASHING

- APPROVED CORROSION-RESISTANT FLASHING SHALL BE APPLIED APPROVED CORROSION-RESISTANT FLASHING SHALL BE APPLIED SHINGLE-FASHION IN A MANRER TO PREVENT ENTRY OF WATER INTO THE WALL 12. CAVITY OR PENETRATION OF WATER TO THE BUILDING STRUCTURAL FRAMING COMPONENTS, SELF-ADMERED MEMBRANES USED AS FLASHING IN COMPONENTS, SELF-ADMERED MEMBRANES USED AS FLASHING IN EXTENDOR WALLS SHALL COMPLY INITIA AMA 711, THE FLASHING SHALL EXTENDOR WALLS SHALL COMPLY INITIA AMA 711, THE FLASHING SHALL EXTENDOR WALLS SHALL COMPLY INITIA AMA 711, THE FLASHING SHALL EXTENDOR WALLS SHALL COMPLY INITIA AMA 711, THE FLASHING SHALL EXTENDOR WALLS SHALL COMPLY INITIA AMA 711, THE FLASHING SHALL EXTENDOR WALLS SHALL COMPLY INITIA AMA 711, THE FLASHING SHALL EXTENDOR WALLS SHALL COMPLY INITIA AMA 711, THE FLASHING SHALL EXTENDOR WALLS SHALL COMPLY INITIA AMA 711, THE FLASHING SHALL EXTENDOR WALLS SHALL DE UNTER FLASHING SHALL BUILS INITIA WALLS SHALL DE WALL SCHETA CONTER FLASHING, APPROVED CORROBION-RESISTANT FLASHINGS SHALL BE IN 12 WITS HORIZONTAL (2-1/2.12) TO FOR WITS VERTICAL IN 12 WITS HORIZONTAL (2-1/2.12) TO FOR WITS VERTICAL IN 12 WITS HORIZONTAL (2-1/2.12) TO FOR WITS VERTICAL IN 12 WITS HORIZONTAL (2-1/2.12) TO FOR WITS VERTICAL IN 12 WITS HORIZONTAL (2-1/2.12) TO FOR WITS VERTICAL NSTALLED AT ALL OF THE LOCATIONS STATED IN N.C.-R
- 2. AT ALL WINDOW AND DOOR OPENINGS USE FORTIFIBER WATER-RESISTIVE BARRIERS, I.C.C. ESR-1027, INSTALLED PER MANUFACTURER'S SPECIFICATIONS, OR APPROVED EQUAL,
- ALL BEAMS, OUTLOOKERS, CORBELS, ETC. PROJECTED THROUGH EXTERIOR WALLS OR PENETRATING EXTERIOR FINISHES SHALL BE FLASHED WITH A MINIMUM 0,019-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 (SMAC.N.A). THE ARCHITECTURAL SHEET METAL MANUAL, AND SEALANT, NATERPROOFING AND RESTORATION INSTITUTE'S (S.W.R.I.) GUIDE -"SEALANT'S: THE PROFESSIONAL'S GUIDE",
- SHEET METAL SHALL BE STEEL SHEET, HOT-DIPPED, TIGHT COATED 5. AND GALVANIZED, CONFORMING TO A.S.T.M. A525 AND SHALL BE A NUMBER 24 SHEET METAL GAGE UNLESS OTHERVISE 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, 6.
- FABRICATE SHEET METAL WITH FLAT LOCK SEAMS AND SOLDER WITH TYPE AND FLUX RECOMMENDED BY MANUFACTURER, SEAL ALLMINUM SEAMS WITH EPOXY METAL SEAM CEMENT, WHERE REQUIRED FOR STRENGTH, RIVET SEAMS AND JOINTS,
- SHOP FABRICATE TO THE GREATEST EXTENT POSSIBLE IN ACCORDANCE MITH 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 BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURET'S INSTALLATION INSTRUCTIONS, BASE FLASHING SHALL BE OF EITHER CORROSION-RESISTANT METAL OF MINIMUM MOMINAL 0,019-INCH THICKNESS OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF TT POUNDS PER IOD SQUARE FEET, CAP FLASHING SHALL BE CORROSION-RESISTANT METAL OF MINIMUM NOMINAL 0,019-INCH THICKNESS
- VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS BEFORE APPLYING SHINGLES, VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED AS STATED PER THE N.C.-R
- A CRICKET OR SADDLE SHALL BE INSTALLED ON THE RIDGE SIDE OF ANY 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.
- 14 FLASHING AGAINST A VERTICAL FRONT WALL, AS WELL AS SOIL STACK SHALL BE APPLIED ACCORD AND CHIMNEY ELASHING TO THE ASPHALT SHINGLE MANUFACTURER'S PRINTED INSTRUC
- 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 WHERE 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 FOLYMER MODIFIED BITMEN 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 MITH A MINIMUM 3/8 INCH DIAMETER HEAD, ASTM F 1667, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIALS AND A MINIMUM OF 3/4 INCH INTO THE ROOF SHEATHING, WHERE THE ROOF SHEATHING IS LESS THAN 5/4 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 MITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE PER N.C.R.
- IO. UNDERLAYMENT FOR ASPHALT SHINGLES SHALL BE APPLIED IN ACCOR-DANCE WITH THE N.C.-R
- П. THE INSTALLATION OF CLAY AND CONCRETE TILE SHALL COMPLY WITH THE PROVISIONS OF N.C.-R CLAY ROOF TILE SHALL COMLY WITH ASTM C 1167.

SLOPES OF 2 1/2 UNITS VERTICAL IN LIZ WITS 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 UNDERLATHENT APPLICATION IS REQUIRED IN ACCORDANCE WITH THE N.C.-R

- UNDERLAYMENT FOR CLAY AND CONCRETE TILE SHALL CONFORM WITH ASTM D 226, TYPE II, ASTM D 2626 TYPE I; OR ASTM D 6380 CLASS M MINERAL SURFACED ROLL ROOFING,
- 15. CONCRETE ROOF TILE SHALL COMPLY WITH ASTM C 1492.
- NAILS SHALL BE CORROSION-RESISTANT AND NOT LESS THAN II GAGE. 16. NAILS SHALL BE CORROSING SUFFICIENT LENGTH TO PENETRATE THE DECK SI/6-INCH HEAD, AND OF SUFFICIENT LENGTH TO PENETRATE THE DECK A MINNUM 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 CURSES BUT NOT LESS THAN 36 INCHES FROM EITHER SIDE OF HIPS OR RIDGES AND EDGES OF EAVES AND GABLE RAKES,
- 17, CLAY AND CONCRETE ROOF TILES SHALL BE FASTENED IN ACCORDANCE WITH THE N.C.-R
- TILE SHALL BE APPLIED ACCORDING TO THE MANUFACTURERS INSTALLATION INSTRUCTIONS, BASED ON CLIMATIC CONDITIONS, ROOF SLOPE, UNDERLATMENT SYSTEM, AND TYPE OF TILE BEING INSTALLED PER THE N.C.-R 18.
- THE INSTALLTION OF BUILT-UP ROOFS SHALL COMPLY WITH THE N.C.-R
- 20, BUILT-UP ROOFS SHALL HAVE A DESIGN SLOPE OF A MINIMUM OF ONE-FOUTH UNIT VERTICAL IN 12 UNITS HORIZONTAL (2-PERCENT SLOPE) FOR DRAINAGE, EXCEPT FOR COAL-TAR BUILT-UP ROOPS THAT SHALL HAVE A DESIGN SLOPE OF A MINIMUM ONE-EIGHTH UNIT VERTICAL IN 12 UNITS HORIZONTAL (1-PERCENT SLOPE),
- 21, BUILT-UP ROOF COVERING MATERIALS SHALL COMPLY WITH THE STANDARDS PER THE N.C.-R

### EXTERIOR WALL COVERINGS

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

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

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

- VINTL SIDING CONFORMING TO THE REQUIREMENTS OF THE N.C.-R AND COMPLYING WITH ASTM D 3674 SHALL BE FERMITTED ON EXTERIOR WALLS OF BUILDINGS OF TYPE V CONSTRUCTION LOCATED IN AREAS WHERE THE ULTIMATE WIND SPEED SPECIFIED DOES NOT EXCEED 100 MILES PER HOUR AND THE BUILDING HEIGHT IS LESS THAN 40 FEET IN EXPOSURE C. WHERE CONSTRUCTION IS LOCATED IN AREAS WHERE THE ULTIMATE WIND SPEED EXCEEDS 130 MILES PER HOUR OR BUILDING HEIGHTS ARE IN EXCESS OF 40 EXCEEDS ISO INDICATING COMPLIANCE MUST BE SUBMITTED, VITY, SIDING FT, DATA INDICATING COMPLIANCE MUST BE SUBMITTED, VITY, SIDING SHALL BE SECURED TO BUILDING TO PROVIDE MEATHER PROTECTION FOR THE EXTERIOR MALLS 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.-E
- 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 A135,6 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, 0.435-INCH EXTERIOR HARDBOARD SIDIO OR 0.735-INCH EXTERIOR-TYPE WOOD STRUCTURAL PANELS OR FARTICLE-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 CI186, 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 INSTALLATON INSTRUCTIONS,

- INSULATING MATERIALS, INCLUDING FACINGS, SUCH AS VAPOR RETARDERS OR VAPER-PER-VEABLE MEMBRANES/INSTALLED WITHIN FLOOR-CELLING ASSEMBLIES, ROOF-CELLING ASSEMBLIES, INALL-ASSEMBLIES, CRANL SPACES AND ATTICS SHALL HAVE A FLAME-SPREAD INDEX NOT TO EXCEED 25 WITH AN ACCOMPANYING SMOKE-DEVELOPED INDEX NOT TO EXCEED 450 WHEN TESTED IN ACCOMPAN-INSULATING MATERIALS, INCLUDING FACINGS, SUCH AS VAPOR INDEX NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE WITH ASTM F 84 OR UL 723
- DUCT INSULATION MATERIALS SHALL CONFORM TO THE FOLLOWING 2. REQUIREMENTS OF THE N.C.-R
- INSULATION AND COVERING ON PIPE AND TUBING SHALL HAVE A FLANE-SFREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 450, SEE EXCEPTIONS, 3
- ALL EXPOSED INSULATION MATERIALS INSTALLED ON ATTIC FLOORS SHALL HAVE A CRITICAL RADIANT FLUX OF NOT LESS THAN 0.12 WATT PER SQUARE 17, CENTIMETER PER N.C.-R TESTS FOR CRITIAL RADIANT FLUX SHALL BE MADE IN ACCORDANCE WITH ASTM E 970.
- THE USE OF ABOVE DECK THERMAL INSULATION SHALL BE PERMITTED 5. PROVIDED SUCH INSULATION IS COVERED WITH AN APPROVED ROOF COVERING AND PASSES FM 4450 OR UL 1256 PER N.C.-R.
- CELLULOSE LOOSE-FILL INSULATION SHALL COMPLY WITH CPSC 16 6. CELLUSE LOSSIFILE INSULATION PACLE CONTENT WITH CHARTER CFR, PARTS 1209 AND 1404, EACH PACKASE OF SUCH INSULATING MATERIAL SHALL BE CLEARLY LABELED IN ACCORDANCE WITH CPSC 16 CFR, PARTS 1209 AND 1404,
- INSULATION IN FLOOR-CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLES, MALLS, CRAWL SPACES OR ATTOS SHALL BE EITHER OF THE BLOWN-IN CELLULOSE TYPE OR FIBERCIASS BATTS OR BLANKET TYPE PER BUILDER'S SPECIFICATIONS.
- THE ENERGY EFFICIENCY REQUIREMENTS INCLUDING I.E.C.C. BUT NOT 8. LIMITED TO INSULATION "R" VALUES, PERCENTAGE OF GLAZING "U" VALUES, ETC. SHALL BE DETERVINED BY THE ADOPTED STATE AND LOCAL ENERGY CODE EQUIRENTS, REFER TO MECHANICAL PLANS FOR SPECIFICATIONS,

THE BUILDING THERMAL ENVELOPE SHALL BE DURABLY SEALED WITH AN AIR BARRIER SYSTEM TO LIMIT INFILTRATION, THE SEALING METHODS BETWEEN DISSIMILAR MATERIALS SHALL ALLOWED FOR DIFFERENTIAL EXPANSION AND CONTRACTION, FOR ALL HOMES, WHERE PRESENT, THE FOLLOWING SHALL BE CAULKED, GASLEL HOMES, WHERE PRESENT, THE FOLLOWING SEALED WITH AN AIR BARRIER MATERIAL OR SOLID MATERIAL CONSISTENT AND BARRIER MATERIAL OR SOLID MATERIAL CONSISTENT WITH APPENDIX E-23 AND E-24 OF THE KC-R. I. BLOCKING AND SEALING FLOORCCELING SYSTEMS AND UNDER KNEE WALLS OPEN TO UNCONDITIONED OR EXTERIOR SPACE.
2. CAPPING AND SEALING SHAFTS OR CHASES, INCLUDING FLUE

3. CAPPING AND SEALING SOFFIT OR DROPPED CEILING AREAS.

FRAMED CAVITY WALLS, THE EXTERIOR THERMAL ENVELOPE WALL INSULATION SHALL BE INSTALLED IN SUBSTANTIAL CONTACT AND CONTINUOUS ALIGNMENT MITH THE BUILDING ENVELOPE AIR BARRIER, INSULATION SHALL BE SUBSTANTIALLY FREE FROM INSTALLATION GAPS, VOIDS, OR COMPRESSION, FOR FRAMED WALLS, THE CAVITY INSULATION SHALL BE ENCLOSED ON ALL SIDES WITH A RIGID MATERIAL OR AN AIR BARRIER MATERIAL, WALL INSULATION SHALL BE ENCLOSED AT THE FOLLOWING LOCATIONS WHEN INSTALLE ON EVTERD WALLS EVICE TO BEING CONFERED BY SIDES WHEN 10. NGTALLED ON EXTERIOR WALLS PRIOR TO BEING COVERED BY SUBSEQUENT CONSTRUCTION, CONSISTENT WITH APPENDIX E-2.3 AND E-2.4 OF NC-R

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

# DOORS & WINDOWS

- SEE FLOOR PLANS AND ELEVATIONS FOR SIZES AND TYPES OF DOORS AND WINDOWS AND FOR ANY DIVIDED LITE PATTERNS, COLORS SHALL BE APPROVED BY THE BUILDER AND ARCHITECT,
- OPENINGS FROM A PRIVATE GARAGE DIRECTLY INTO A ROOM USED FOR SILEEPING PURPOSES SHALL NOT BE PERMITTED. OTHER OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL EXIIPPED MITH SOLID MOOD DOORS NOT LESS THAN I 3/8 INCHES IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN I 3/8 INCHES THICK, OR 20-MINITE FIRE-RATED DOORS,
- 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 IANCE WITH ALL STATE AND LOCAL CODE REQUIREMENTS,
- ALL AUTOMATIC GARAGE DOOR OPENERS REQUIRE THE INCLUSION OF A PHOTOELECTRIC SENSOR, EDGE SENSOR OR SOME OTHER SIMILAR DEVICE FOR REMOTE OPERATION AND AS A SAFETY PRE-CAUTION TO REEVENT THE DOOR FROM CLOSING HHEN SOMETHING IS BLOCKING THE PATH OF THE DOOR, SEE MANJFACTURER'S NETAL TOOL INSTRUCTION INSTALLTION INSTRUCTIONS
- ALL MANUFACTURED WINDOWS AND SLIDING GLASS DOORS SHAL MEET THE AIR INFILTRATION STANDARDS OF THE CURRENT AMERICAN NATIONAL STANDARDS INSTITUTE A.S.T.M, E283-73 WITH A PRESSURE DIFFERENTIAL OF 1,57 POUNDS PER SQUARE FOOT AND SHALL BE CERTIFIED AND LABELED
- BASEMENTS, HABITABLE ATTICS AND EVERY SLEEPING ROOM SHALI HAVE AT LEAST ONE OPENABLE EMERGENCY ESCAPE AND RESCUE OPENING
- WHERE EMERGENCY ESCAPE AND RESCUE OPENINGS ARE PROVIDED 8, HEY SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44 INCHES ABOVE THE FLOOR
- EMERGENCY ESCAPE AND RESCUE OPENINGS WITH A FINISHED SILL HEIGHT BELOW THE ADJACENT GROUND ELEVATION SHALL BE PROVIDED WITH A ٩. WINDOW WELL

# DOORS & WINDOWS (continued)

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMU NET CLEAR OPENING OF NOT LESS THAN 5 SQUARE FEET IN THE CASE OF GROUND FLOOR LEYEL WINDOW AND NOT LESS THAN 5.7 SQUARE FEET IN THE CASE OF AN UPPER STORY WINDOW.
- L EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMUM  $\ensuremath{\mathsf{\Gamma}}$  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 NITHOUT 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 MIDTH OF 36 INCHES. THE AREA OF THE WINDOW WELL SHALL ALLOW BHERGENCY ESCAPE AND RESCUE OPENING TO BE FULLY OPENED PER THE N.C.-R THE LADDER OR STEPS REGUIRED SHALL BE PERMITTED TO ENCROACH A MAXIMUM OF 6" INTO THE REGUIRED DIMENSIONS OF THE MINDOW WELL.
- MINDOW WELLS WITH A VERTICAL DEPTH GREATER THAN 44 INCHES SHALL BE EQUIPPED WITH A PERMANENTLY AFFIXED LADDER OR STEPS USABLE WITH THE WINDOW IN THE FULLY OPEN POSITION,
- BARS GRILLES COVERS SCREENS OR SIMILAR DEVICES ARE PERMITTED TO BARS, OKILLES, COVERS, SCREENS OR SIMILAR DEVICES ARE PERMITTED T BE PLACED OVER ENERGENCY ESCARE AND RESCUE OPENINGS, BULKHEAD ENCLOSURES, OR WINDOW WELLS THAT SERVE SUCH OPENINGS, PROVIDED THE MINIMUM NET CLEAR OPENING SIZE COMPLIES WITH THE N.C.-R AND SUCH DEVICES SHALL BE RELEASABLE OR REMOVABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL KNOWLEDGE OR FORCE GREATER THAN THAT WHICH IS REQUIRED FOR NORMAL OPERATION OF THE ESCAPE AND RESCUE OPENING
- ALL INTERIOR EGRESS DOORS AND A MINIMUM OF ONE EXTERIOR EGRESS THE INTERIOR BURLEY DOUTE AND A MINIMUM OF ONE EXTERIOR EGRESS DOOR SHALL BE READULY OFENABLE FROM THE SIDE FROM WHICH EGRES IS TO BE MADE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

### GLAZING & SAFETY GLAZING

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- 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, LOWERS 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 NUNDOKS OF NOT LESS THAN 3 SQUARE FEET, ONE-HALF OF WHICH MUST BE OPENABLE,
- EXCEPT AS INDICATED, EACH PANE OF GLAZING INSTALLED IN HAZARDOUS EXCEPT AS INDICATED, EACH PANE OF GLAZING INSTALLED IN HAZARDOUS LOCATIONS SHALL BE PROVIDED MITH MANUFACTURER'S DESIGNATION SPECIFYING WHO APPLIED THE DESIGNATION, DESIGNATION THE TYPE OF GLASS AND THE SAFETY GLAZING STANDARD MITH WHICH IT COMPLIES, WHICH IS VISIBLE IN THE FINAL INSTALLATION, THE DESIGNATION SHALL BE ACID ETCHED, SANDBLASTED, CERMIC-FIRED, LASER ETCHED, EMBOSED, OR BE OF A TYPE WHICH ONCE APPLIED CANNOT BE REMOVED WITHOUT BEING DESTROYED.

INDIVIDUAL GLAZED AREAS, INCLUDING GLASS MIRRORS IN HAZARDOUS

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

SUDING IN ALL TIALD AND OPERADLE PARLES OF SMIRAING, SUDING AND BIFOLD DOORS GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL IN THE SAME PLANE AS A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN 24-INCHES OF THE DOOR IN A CLOSED POSITION AND WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FLOARD OR WALKING

3,I EXPOSED AREA OF AN INDIVIDUAL PANE LARGER THAN 9 SQUARE

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

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

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

GLAZING IN WALLS AND FENCES ENCLOSING INDOOR AND OUTDOOR SWIMMING POOLS, HOT TUBS AND SPAS WHERE 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 SHALL APPLY TO SINGLE GLAZING AND ALL PANES IN MULTIPLE of AZING

GLAZING ADJACENT TO STAIRWAYS, LANDINGS AND RAMPS WITHIN 36 INCHES HORIZONTALLY OF A MALKING SURFACE WHEN THE EXPOSED SURFACE OF THE GLAZING IS LESS THAN 36 INCHES ABOVE THE PLANE

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.

VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE

OF THE ADJACENT WALKING SURFACE.

HINGED SHOWER DOORS SHALL OPEN OUTWARD,

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

SECTIONS OF WINDOWS SHALL NOT PERMIT OPENINGS THAT ALLOW

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

LOCATED MORE THAN 72 INCHES (1829 MM) ABOVE THE FINISHED GRADE OR SURFACE BELOW, THE LOWEST PART OF THE CLEAR OPENING OF THE

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

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

GLAZING IN ALL FIXED AND OPERABLE PANELS OF SWINGING,

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

3,2 BOTTOM EDGE LESS THAN IS INCHES ABOVE THE FLOOR,

3,3 TOP EDGE MORE THAN 36 INCHES ABOVE THE FLOOR

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

# FINISHES

### GYPSUM BOARD

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

MATERIALS, ALL GYPSUM BOARD MATERIALS AND ACCESSORIES SHALL CONFORM TO ASTM C 22, C 475, C 514, C 1002, C 1047, C 117, C 1276, C 1276, C 136, O C 1656 AND SHALL DE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THE NC.-R ADHESIVES FOR THE INSTALLATION OF GYPSUM BOARD SHALL CONFORM TO ASTM C 557.

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

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

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

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

GYPSUM BOARD USED AS THE BASE OR BACKER FOR ADHESIVE SITES AND ADDRESS AND ADDRESS TO A ROTATION OF CERAMIC TILE OR OTHER REQUIRED NON-ABSORBENT FINISH MATERIAL SHALL CONFORM TO ASTM C 1396, C 1175 OR C1276, USE OF MATER-RESISTANT GYPENM BACKING BOARD SHALL BE PERMITTED ON CEILINGS WHERE FRAMING SPACING DOES NOT EXCEED 12 INCHES ON CENTER FOR 1/2-INCH-THICK OR 16 INCHES FOR 5/8-INCH-THICK GYPSUM BOARD WATER-RESISTANT GYPSUM BOARD SHALL NOT BE INSTALLED OVER A VAPOR RETARDER IN A SHOWER OR TUB COMPARTMENT, OUT OR EXPOSED EDGES, INCLUDING THOSE AT WALL INTERSECTIONS, SHALL BE SEALED AS RECOMMENDED BY THE MANUFACTURER,

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

WHEN APPLYING A WATER-BASED TEXTURE MATERIAL. THE MINIMUM GYPSUM BOARD THICKNESS SHALL BE INCREASED FROM 3/6 INCH TO 1/2 INCH FOR 16-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 CELLING 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 SHECIFIED OTHERWISE, ALL WALL COVERINGS SHALL BE SECORELT FASTENED FER THE N.C. ROR WITH ATTER APPROVED ALUMINM, STAINLESS STEEL, ZINC-COATED OR OTHER APPROVED CORROSION-RESISTIVE FASTENERS, HHERE THE BASIC NIND SPEED IS 10 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 MEEP 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 PLACED A REAS AND SHALL BE OF A TYPE THAT MILL ALLOW TRAPPED WATER TO DRAIN TO THE EXTERIOR OF THE BUILDING, THE WEATHER-RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE, THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE MEEP SCREED, A MINIMUM 0,019-INCH (NO, 26 GALVANIZED SHEET GAGE),

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

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

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

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

GYPSUM PLASTER SHALL NOT BE USED ON EXTERIOR SURFACES

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

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

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



SPEC. LEVEL 1

**RALEIGH-DURHAM** 

40' SERIES

# MECHANICAL & PLUMBING

### H.V.A.C

- ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN CONFORMANCE WITH THE NORTH CAROLINA RESIDENTIAL AND MECHANICAL CODE, INSTALLATIONS OF MECHANICAL APPLIANCES, EQUIPMENT AND SYSTEMS NOT ADDRESSED BY THIS CODE SHALL COMPLY MITH THE APPLICABLE PROVISIONS OF THE NORTH CAROLINA RESIDENTIAL AND FUEL GAS CODE,
- CONTRACTOR SHALL DESIGN ENTIRE H,V,A,C, SYSTEM AND SUBMIT DRAWINGS FOR OWNER/BUILDER'S APPROVAL PRIOR TO ORDERIN MATERIALS OR EQUIPMENT,
- WHERE AIR CONDITIONING IS AN OPTIONAL FEATURE, HEATING SYSTEME 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 (WIT SHALL BE CAPABLE OF CONTROLLING THE HEATING AND COOLING SYSTEM ON A DAILY SCHEDULE TO MAINTAIN DIFFERENT TEMPERATURE SET POINTS AT DIFFERENT TIMES OF THE DAY, THIS THERMOSTAT SHALL INCLUDE THE CAPABILITY TO SET BACK OR TEMPORARILY OPERATE THE SYSTEM TO MAINTAIN ZONE TEMPERATURES DOWN TO 55 DEG, F (13 C) OR UP TO 85 DEG, F (29 C),
- 5. ALL DUCTWORK SHALL CONFORM TO THE REQUIREMENTS OF THE
- COMBUSTION AIR SHALL BE PROVIDED FOR FORCED AIR UNITS IN ACCORDANCE WITH N.C.-R
- CONTRACTOR TO PROVIDE BOOT IN DUCTWORK WHEN OPTIONAL 7. "HONEYWELL" OR "CARRIER" ELECTRONIC AIR CLEANER IS PROVIDED.
- 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 11 STATE STALE SUFFICIES, IN A GRANE STALE, A MINIMUM OF 2-INCH THICK SOLID BASE, 2-INCH (BI MM) HICK FORMED CONCRETE, OR STACKED MASONRY WITS HELD IN PLACE BY MORTAR OR OTHER APPROVED METHOD. THE WATER HALTER SHALL BE SUPPORTED NOT LESS THAN 2 INCHES ABOVE GRADE.
- 12. DRAINAGE, BELOW-GRADE INSTALLATIONS SHALL BE PROVIDED WITH A NATURAL DRAIN OR AN AUTOMATIC LIFT OR SUMP PUMP, FOR PIT REQUIREMENTS REFER TO N.C.-M

### VENTING

- IN LIEU OF REQUIRED EXTERIOR OPENINGS FOR NATURAL VENTILATION IN LIEU OF REGURED EXTENSOR OFENNES FOR NATURAL VENTLATION IN BATHROOMS CONTAINING A BATHUR, SHORER OR COMBINATION THEREOF, A MECHANICAL VENTLATION SYSTEM MAY BE PROVIDED, THE MINIMW VENTLATION RATES SHALL BE SO COM FOR INTERNITTENT VENTLATION OR 20 CFM FOR CONTINUOUS VENTLATION, VENTLATION AIR FROM THE SPACE SHALL BE EXHAUSTED DIRECTLY TO THE OUTSIDE PER NO.-R
- 2, EXHAUST DUCTS SHALL TERMINATE OUTSIDE THE BUILDING AND SHALL BE EQUIPPED WITH BACKDRAFT DAMPERS,
- RANGE HOODS SHALL DISCHARGE TO THE OUTDOORS THROUGH A DUCT, THE DUCT SERVING THE HOOD SHALL HAVE A SMOOTH INTERIOR SURFACE, SHALL BE AIR TIGHT, SHALL BE EQUIPPED WITH A BACK-DRAFT DAMPER AND SHALL BE INDEPENDENT OF ALL OTHER EXHAUST SYSTEMS, DUCTS SERVING RANGE HOODS SHALL NOT TERMINATE IN AN ATTIC OR CRAML SPACE OR AREAS INSIDE THE BUILDING, DUCTS SERVING RANGE HOODS SHALL BE CONSTRUCTED OF GALVANIZED STEEL, STAINLESS STEEL OR
- WHERE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND WHERE WECHANICAL OR NATURAL VENTILATION IS OTHERNISE 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 NITH DOWN DRAFT EXHAUST SYSTEMS SHALL BE PERMITTED TO BE CONSTRUCTED OF SCHEDULE 40 PVC PIPE PROVIDED THAT TH INSTALLATION COMPLIES WITH ALL OF THE FOLLOWING PER N.C.-M
- THE DUCT SHALL BE INSTALLED UNDER A CONCRETE SLAB POURED ON GRADE, Α,
- THE UNDERFLOOR TRENCH IN WHICH THE DUCT IS INSTALLED SHALL BE COMPLETELY BACKFILLED WITH SAND OR GRAVEL, В,
- THE PVC DUCT SHALL EXTEND NOT GREATER THAN I INCH ABOVE THE INDOOR CONCRETE FLOOR SURFACE, с,
- D, THE PVC DUCT SHALL EXTEND NOT GREATER THAN I INCH ABOVE GRADE OUTSIDE THE BUILDING.
- E, THE PVC DUCTS SHALL BE SOLVENT CEMENTED,
- EXHAUST HOOD SYSTEMS CAPABLE OF EXHAUSTING IN EXCESS OF 400 CPM SHALL BE PROVIDED WITH MAKEUP AIR AT A RATE APPROXIMATELY EQUAL TO THE EXHAUST AIR RATE THAT IS IN EXCESS OF 400 CUBIC FEET PER MINUTE, SUCH MAKEUP AIR SYSTEMS SHALL BE EQUIPPED WITH A 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 NTED TO

### PLUMBING

- I. A POTABLE WATER SUPPLY SYSTEM SHALL BE DESIGNED, INSTALLED AND MAINTAINED IN SUCH A MANNER SO AS TO PREVEN AND THOMSIAND IN SUCH A MANNER SU AS 10 TREVENI CONTAMINATION FROM NONPOTABLE LIQUIDS, SOLIDS OR GASES BEING INTRODUCED INTO THE POTABLE WATER 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)

### PLUMBING (continue

- ALL DEVICES, APPURTENANCES, APPLIANCES AND APPARATUS INTENDED TO SERVE SOME SPECIAL FUNCTION, SUCH AS STERILIZATION, DISTIL-LATION, PROCESSING, COOLING, OR STORAGE OF ICE OR FOODDS, AND THAT CONNECT TO THE WATER SUPPLY SYSTEM, SHALL BE PROVIDED NITH 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, FAUCETS AND DIVERTERS SHALL BE CONNECTED TO THE MATER DISTRIBUTION SYSTEM SO THAT HOT WATER CORRESPONDS TO THE LEFT SIDE OF THE FITTINGS.
- DIVERTERS FOR SINK FAUCETS WITH A SECONDARY OUTLET CONSISTING OF A FLEXIBLE HOSE AND SPRAY ASSEMBLY SHALL CONFORM TO ASTM AI2.16.11 N ADDITION TO THE REQUIREMENTS IN N.C.-P
- THE INSTALL ATION OF A WATER SERVICE OR WATER DISTRIBUTION PIPE THE INSTALLATION OF A WATER SERVICE OR WATER DISTRIBUTION PIPE SHALL BE PROHIBITED IN SOIL AND GROUND WATER THAT IS CONTAMINATED, GROUND MATER CONDITIONS SHALL BE REQUIRED TO ACERTAIN THE ACCEPTABILITY OF THE WATER SERVICE OR WATER DISTRIBUTION PIPING MATERIAL FOR THE SPECIFIC INSTALLATION, WHERE DETRIMENTAL CONDITIONS EXIST, APPROVED ALTERNATIVE MATERIALS OR ROUTING SHALL BE REQUIRED,
- 8. WATER DISTRIBUTION PIPE SHALL CONFORM TO NSF & AND SHALL ACTER DISTRIBUTION FILE STANDARDS LISTED IN NO.-PUMBIN. ALL CONFORM TO ONE OF THE STANDARDS LISTED IN NO.-PUMBINO. ALL WATER DISTRIBUTION FIFE AND TUBING SHALL HAVE A MINIMUM PRESSURE RATING OF IGO PSI AT 160 DESREES F.
- PIPE PASSING THROUGH CONCRETE OR CINDER WALLS AND FLOORS OR 9. FILE PASING INACCHICURALLI CHINDLE MOLTECHIA NU FUCUS CH 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
- PIPES PASSING UNDER OR THROUGH WALLS SHALL BE PROTECTED FROM 10. PHYSICAL DAMAGE PER NC-R.
- PIPING SHALL BE INSTALLED SO AS TO PREVENT DETRIMENTAL STRAINS FIND STRALE BE INSTALLED SO AS INFRAVENT DE INFRANTAS STRAINS AND STRESSES IN THE PIPE, PROVISIONS SHALL BE MADE TO PROTECT PIPING FROM DAMAGE RESULTING FROM EXPANSION, CONTRACTION AND STRUCTURAL STRESSES OR STRAINS WITHIN BUILDING COMPONENTS,
- WATER PIPES INSTALLED IN A WALL EXPOSED TO THE EXTERIOR SHALL BE LOCATED ON THE HEATED SIDE OF THE WALL INSULATION, IN OTHER CASES, WATER, SOLL AND NASTE PIPES SHALL NOT BE INSTALLED OUTSIDE OF A BUILDING, IN WOONDITIONED ATTICS, INCONDITIONED UTILITY ROOMS OR IN ANY OTHER PLACE SUBJECTED TO FREEZING TEMPERATURES UNLESS ADEQUATE PROVISION IS MADE TO PROTECT SUCH PIPES FROM FREEZING BY A MINIMUM OF R-635 INSULATION DETERMINED AT T5 DEG, F IN ACCORDANCE WITH ASTM CITT OR HEAT OR BOTH 12.

OR BOTH. EXTERIOR MATER 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.
- INDIVIDUAL SHOWER AND TUB/SHOWER COMBINATION VALVES SHALL BE EQUIPPED WITH CONTROL VALVES OF THE PRESSURE-BALANCE, THERMOSTATIC-MIXING OR COMBINATION PRESSURE-BALANCE/ THERMOSTATIC-MIXING VALVE TYPES WITH A HIGH LIMIT STOP IN ACCORDANCE WITH ASE ICIDE/ ASME AIIZ.IOE(CAS BIZE)E, AND SHALL E INSTALLED AND ADJISTED PER MANUFACTURE'S INSTRUCTIONS, 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, HOWEVER, 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 LOVER ONE-THIRD OF THE APPLIANCE TO RESIST A HORIZONTAL FORCE EQUAL TO ONE-THIRD OF THE APPLIANCE MEIGHT OF THE WATER HEATER, ACTING IN ANY HORIZONTAL DIRECTION, OR IN ACCORDANCE WITH THE APPLIANCE MANUFACTURER'S RECOMMENDATIONS, 21
- 22, APPLIANCES LOCATED IN A GARAGE OR CARPORT SHALL BE PRO-TECTED FROM IMPACT BY A MOVING VEHICLE,
- 23. WHERE WATER HEATERS OR HOT WATER STORAGE TANKS ARE INSTALLED IN: MHERE MAILER HEATERS OR HOT WATER STORAGE TANDES ARE INSTALLED IN: REMOTE LOCATIONS SUCH AS SUSPENDED CEILING, ATTICS, ABOVE OCCUPIED SPACES, OR UNVENTILATED CRANL SPACES, A LOCATION WHERE WATER LEAKAGE FROM THE TANK WILL CAUSE DAMAGE TO PRIMARY STRUCTURAL MEMBERS, THE TANK OR WATER HEATER SHALL BE INSTALLED IN A GALVANIZED STEEL PAN HAVING A MINIMUM THICKNESS OF 24 GAGE, OR OTHER PANS APPROVED FOR SUCH USE.
- WHERE CLOTHES WASHING MACHINES ARE LOCATED ON WOOD FRAMED 24. FLOORS WHERE LEAKAGE WOULD CAUSE DAMAGE, A GALVANIZED STEEL PAN HAVING A MINIMUM THICKNESS OF 24 GAGE, OR OTHER PANS APPROVED FOR SUCH USE SHALL BE PROVIDED

# MECHANICAL & PLUMBING (continued)

- APPLIANCES AND EQUIPMENT USED FOR HEATING WATER OR STORING HOT WATER SHALL BE PROTECTED BY A SEPARATE PRESSURE-RELIEF VALVE AND A SEPARATE TEMPERATURE- RELIEF VALVE. RC A COMBINATION PRESSURE-AND-TEMPERATURE RELIEF VALVE. RELIEF VALVE SHALL HAVE A MINIMUM RATED CAPACITY FOR THE EQUIPMENT SERVED AND SHALL CONFORM TO ANSI 221.22. THE RELIEF VALVE SHALL NOT BE USED AS A MEANS OF CONTROLLING THERMAL EXPANSION.
- THE WATER SUPPLY TO A DISHWASHER SHALL BE PROTECTED AGAINST BACKFLON BY AN AIR GAP COMPLYING WITH ASME AII2.1,5 OR AII2.1,2 THAT IS INSTALLED INTEGRALLY WITHIN THE MACHINE OR A BACKFLOW PREVENTER IN ACCORDANCE WITH THE NC-R. 26,
- SINK AND DISHWASHER, THE COMBINED DISCHARGE FROM A DISHWASHER AND A ONE- OR THO-COMPARTMENT SINK, MITH OR WITHOUT A FOOD-HASTE DISPOSER, SHALL BE SERVED BY A TRAP OF NOT LESS THAN II/2 INCHES (58 MM) IN OUTSIDE DIAMETER, THE DISHWASHER DISCHARGE PIPE OR TUBING SHALL RISE TO THE UNDERSIDE OF THE COUNTER AND SHALL BE SECURELY FASTENED TO THE WIDERSIDE OF THE COUNTER AND SHALL BE BECURELY FASTENED TO THE WIDERSIDE OF THE FOOD-MASTE DISPOSER OR TO A WYE EITING. IN THE GINK TAIL PECE A WYE FITTING IN THE GINK TAIL PIECE

### FIREPLACES

- FACTORY-BUILT FIREPLACES SHALL BE LISTED AND LABELED AND SHALL BE INSTALLED IN ACCORDANCE WITH THE CONDITIONS OF THE LISTING, FACTORY-BUILT FIREPLACES SHALL BE TESTED IN ACCORDANCE WITH UL 127,
- 2. FIREPLACES ARE TO BE PROVIDED WITH AN EXTERIOR AIR SUPPLY

# ELECTRICAL

- ALL MATERIALS AND APPLIANCES, INSTALLATION AND CONSTRUCTION METHODS SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE OR CURRENT SAE REQUIREMENTS.
- ALL ELECTRICAL SYSTEMS, CIRCUITS, FIXTURES AND EQUIPMENT SHALL 2. BE GROUNDED IN A MANNER COMPLYING WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
- ALL WIRING SHALL BE SO INSTALLED THAT, WHEN COMPLETED, THE 3. 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 LIMITED TO STORAGE AREAS, WORK AREAS, AND AREAS OF SIMILAR USE.
- C. OUTDOORS.
- CRAML SPACES, WHERE THE CRAML SPACE IS AT OR BELOW GRADE LEVEL, D.
- UNFINISHED PORTIONS OR AREAS OF THE BASEMENT NOT INTENDED AS HABITABLE ROOMS, E,
- KITCHENS, WHERE THE RECEPTACLES ARE INSTALLED TO SERVE E. E COUNTERTOP SURFACES.
- G, SINKS, WHERE RECEPTACLES ARE INSTALLED WITHIN 6 FT FROM THE TOP INSIDE EDGE OF THE BOWL OF THE SINK,
- BOAT HOUSES,
- BATHTUBS OR SHOWER STALLS WHERE RECEPTACLES ARE INSTALLED MITHIN  $6^{\prime}$  OF THE OUTSIDE EDGE OF THE BATHTUB OR SHOWER STALL,
- J, LAUNDRY AREAS
- DISHWASHER GFCI PROTECTION IS NOT REQUIRED FOR OUTLETS THAT SUPPLY DISHWASHERS INSTALLED IN DWELLING UNIT LOCATIONS
- CRAWL SPACE LIGHTING OUTLETS, GFCI PROTECTION SHALL BE PROVIDED FOR LIGHTING OUTLETS NOT EXCEEDING 120 VOLTS INSTALLED IN CRAWL SPACES,
- APPLIANCE RECEPTACLE OUTLETS INSTALLED IN A DWELLING UNIT FOR SPECIFIC APPLIANCES, SUCH AS LANDRY EQUIPMENT, SHALL BE INSTALLED WITHIN 6 FEET OF THE INTENDED LOCATION OF THE APPLIANCE,
- IN EVERY KITCHEN, FAMILY ROOM, DINING ROOM, LIVING ROOM, PARLOR, LIBRARY, DEN, SUNROOM, BEDROOM, RECREATION ROOM, OR SIMILAR ROOM OR AREA OF DHELING WINTS, RECEPTACLE OUTLETS SHALL BE INSTALLED SO THAT NO POINT ALONG THE FLOOR LINE IN ANY WALL SPACE IS MORE THAN 6 FEET, MEASURED HORIZONTALLY, FROM AN OUTLET IN THAT SPACE, INCLUDING ANY WALL SPACE 2 FEET OR MORE IN WIDTH (INCLUDING SPACE WALL SPACE 2 FEET OR MORE IN WIDTH (INCLUDING SPACE MEASURED AROUND CONRERS) AND UNBROKEN ALONG THE FLOOR LINE BY DOORNAYS AND SIMILAR OPENINGS, FIREPLACES, AND FIXED CABINETS, AND THE MALL SPACE OCCUPIED BY FIXED IN PANELS IN EXTERIOR WALLS, BUT EXCLUDING SLIDING PANELS IN EXTERIOR WALLS, THE WALL SPACE AFFORDED BY FIXED ROOM DIVIDERS, SUCH AS FREESTANDING BAR-TYPE CONTRESS OR RALINGS, SUCH AS FREESTANDING DAR-TYPE CONTRESS OR RALINGS, SUCH AS FREESTANDING THE 6 FOOT MEASUREMENT.
- IN THE KITCHEN, PANTRY, BREAKFAST ROOM, DINING ROOM, OR SIMILAR AREA OF A DWELLING UNIT, THE TWO OR MORE 20-AMPERE SMALL-APPLIANCE BRANCH CIRCUITS REQUIRED SHALL SERVE ALL WALL AND FLOOR RECEPTACLE OUTLETS, ALL CONTRETOP OUTLETS, AND RECEPTACLE OUTLETS FOR REFRIGERATION EQUIPMENT. THE TWO OF MORE SMALL-APPLIANCE BRANCH CIRCUITS SHALL HAVE NO OTHER OUTLETS
- 10, IN KITCHENS, PANTRIES, BREAKFAST ROOMS, DINING ROOMS AND SIMILAR AREAS OF DWELLING UNITS, RECEPTACLE OUTLETS FOR COUNTER SPACES SHALL BE INSTALLED IN ACCORDANCE WITH THE
- (I) A RECEPTACLE OUTLET SHALL BE INSTALLED AT EACH WALL COUNTER SPACE 12 INCHES OR WIDER, RECEPTACLE OUTLETS SHALL BE INSTALLED SO THAT NO POINT ALONG THE WALL LINE IS MORE THAN 24 INCHES MEASURED HORIZONTALLY FROM A RECEPTACLE OUTLET IN THAT SPACE.

# ELECTRICAL (continued)

- (2) AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED AT EACH ISLAND COUNTER SPACE WITH A LONG DIMENSION OF 24 INCHES OR GREATER AND A SHORT DIMENSION OF 12 INCHES OR GREATER.
- (3) AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED AT EACH PENNSULAR COUNTER SPACE WITH A LONG DIMENSION OF 24 INCHES OR GREATER AND A SHORT DIMENSION OF IL INCHES OR GREATER, A PENNSULAR COUNTERTOP IS MEASURED FROM CONNECTING PERPENDICULAR VALL.
- 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-MONITED COOKING UNIT, OR SINK IS INSTALLED IN AN ISLAND OR PENNSULAR CONTERTOP AND THE DEPTH OF THE CONTER BEHIND THE ITEM IS LESS THEN IS INCHES, IT WILL BE CONSIDERED TO DIVIDE THE CONTERTOP SPACE INTO NO SEPARATE CONTERTOP SPACES, EACH CONTERTOP SPACE SHALL COMPLY WITH APPLICABLE REQUIREMENTS, (4)
- (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 BAGIN CONTERTOP, OR INSTALLED ON THE SIDE OR FACE OF THE BASIN CABINET NOT MORE THAN 12" BELOW THE COUNTERTOP
- 12. IN DWELLING UNITS, AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED IN AREAS DESIGNATED FOR THE INSTALLATION OF LAUNDRY EQUIPMENT.
- 13. IN EACH ATTACHED GARAGE AND IN EACH DETACHED GARAGE WITH ELECTRIC POWER, THE BRANCH CIRCUIT SUPPLYING THIS ELECTING FOR THE AND A CONTRACT OF A CONTRACT OF THE CONTRACT OF THE CARAGE, AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED IN EACH VEHICLE BAY.
- 14. CABLE- OR RACEWAY-TYPE WIRING METHODS INSTALLED IN A GROOVE. TO BE COVERED BY MALLBOARD, SIDING, PANELING, CARPENTING, OR SIMILAR FINISH, SHALL BE PROTECTED BY I/M INCH THICK STEEL PLATE, SLEEVE, OR EQUIVALENT OR BY NOT LESS THAN I-1/4 INCH FREE SPACE FOR THE FULL LENGTH OF THE GROOVE IN WHICH THE CABLE OR RACEWAY S INSTALLED.
- 15. RECEPTACLES IN DAMP OR WET LOCATIONS.

ACCORDANCE WITH N.E.C.

OCATION

UNIQUE 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 MEATHER OR IN OTHER DAMP LOCATIONS SHALL HAVE AN ENCLOSURE FOR THE RECEPTACLE THAT IS MEATHERPROOF WHEN THE RECEPTACLE IS COVERED, (ATTACHMENT PLUS CAP NOT INSERTED AND RECEPTACLE COVERS (LOSED) Α.
- ALL 15- AND 20- AMPERE, I25- AND 250-VOLT RECEPTACLES INSTALLED IN A WET LOCATION SHALL HAVE AN ENCLOSURE THAT IS WEATHER PROOF WHETHER OR NOT THE ATTACHMENT PLUG CAP IS INSERTED, AN OUTLET BOX HOOD INSTALLED FOR THIS PURPOSE SHALL BE LISTED AND SHALL BE IDENTIFIED AS "EXTRA DUT", ALL 15- AND 20- AMPERE, I25- AND 250-VOLT NONLOCKING RECEPTACLES SHALL BE LISTED WEATHER RESISTANT TYPE,
- I.GHTING EQUIPMENT, NOT LESS THAN 15 PERCENT OF THE PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL CONTAIN ONLY HIGH-EFFICACY LAMPS.
   I.GHT FIXTURES WITHIN CLOTHES CLOSETS SHALL BE INSTALLED IN

ALL 120-VOLT, SINGLE PHASE, I5- AND 20-AMPERE BRANCH CIRCUITS SUPPLYING CUTLETS OR DEVICES INSTALLED IN DWELLING UNIT FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, DRALFORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLMAYS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRIPTER(S), COMBINATION-TYPE, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT, THE ARC-FAULT CIRCUIT INTERRIPTER SHALL BE INSTALLED IN A READILY ACCESSIBLE

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

, RECEPTACLES LOCATED MORE THAN  $5^{1}_{2}$  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 TH PLUGRECEPTACLE COMBINATION IS A NONSTANDARD CONFIGURATION TYPE THAT IS SPECIFICALLY LISTED AND IDENTIFIED FOR EACH SUCH

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

HOUSEHOLD FIRE WARNING EQUIPMENT PROVISIONS OF NFPA 12,

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

HOUSEHOLD FIRE ALARM SYSTEMS INSTALLED IN ACCORDANCE WITH NEPA

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

TOUSIFUL THE ALARM STSTEMS INSTALLED IN ADDITIONATION OF SMOKE DETECTOR AND AUDIBLE NOTIFICATION DEVICE INSTALLED AS REQUIRED BY THE NC-R R314,5 FOR SMOKE ALARMS, SHALL BE PERMITTED, THE HOUSEHOLD FIRE ALARM SYSTEM SHALL PROVIDE THE SAME LEVEL OF SMOKE DETECTION

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

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

FR IN FSS THE

THIS CODE AND THE

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 BELONI.

ELECTRICAL (continued)

### CARBON MONOXIDE ALARMS

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

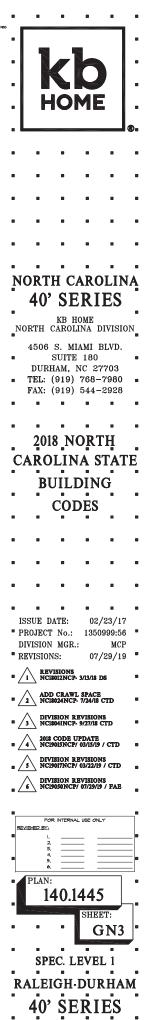
SINGLE STATION CARBON MONOXIDE ALARMS SHALL BE LISTED AS COMPLYING MITH UL 2024 AND SHALL BE INSTALLED IN ACCORDANCE WITH THE NC-R R3I5 AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS,

COMBINATION CARBON MONOXIDE AND SMOKE ALARMS SHALL BE FERMITTED TO BE USED IN LIEU OF INDIVIDUAL CARBON MONOXIDE OR SMOKE ALARMS,

DRYER VENT

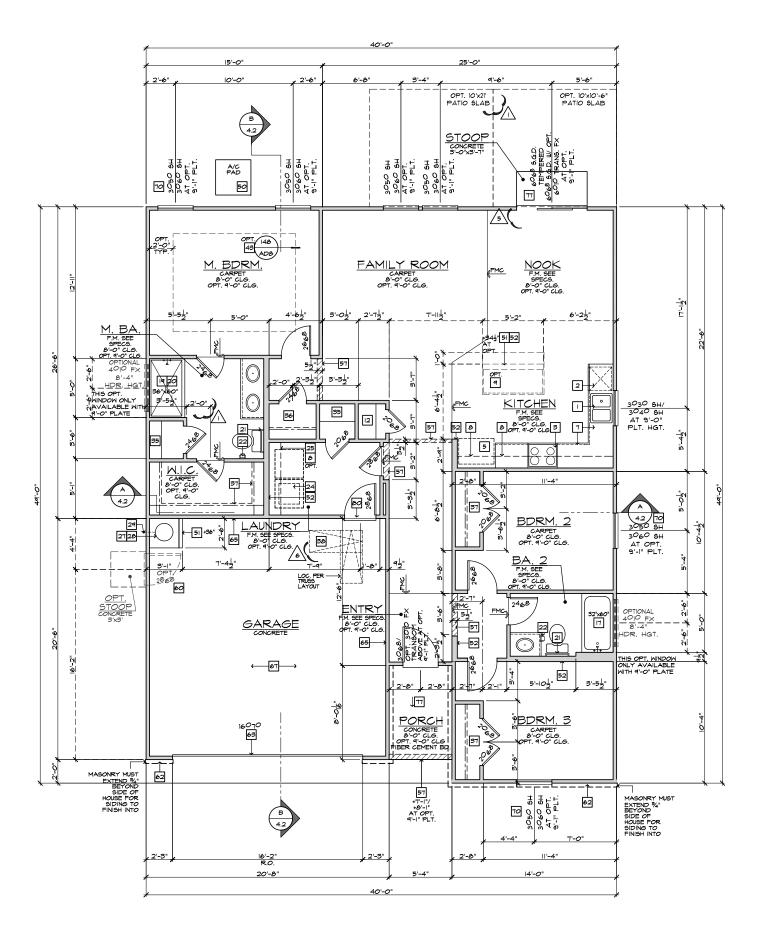
2.

THE DRYER DUCT IS REQUIRED TO IDENTIFY THE LENGTH IN ACCORDANCE WITH SECTION MISO2.4.5



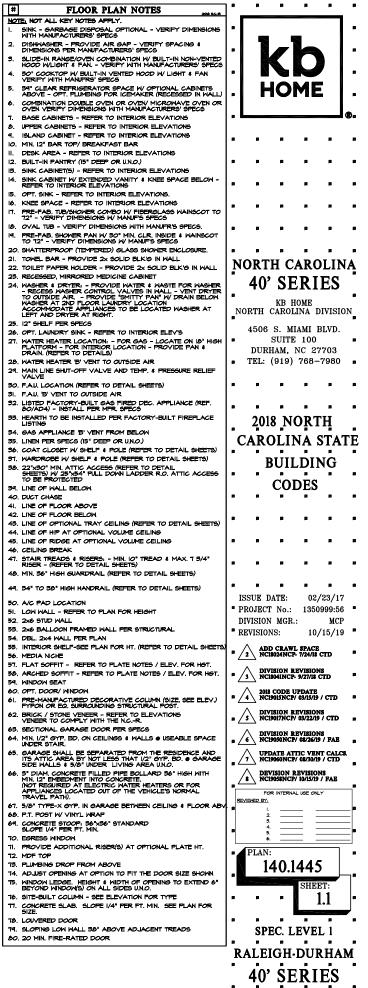
	SQUARE FOOTAG	3E		
	PLAN 140.1445			
FLOOR AREA		1445		
TOTAL AREA	+	1445	SQ. FT.	
GARAGE AREA		420	SQ. FT.	
PORCH AREA(S)				
	ELEVATION 'A'	43	SQ. FT.	
	ELEVATION 'B'	43	SQ. FT.	
	ELEVATION 'C'	49	SQ. FT.	
	ELEVATION 'D'	49	SQ. FT.	
PATIO AREA(S)				
	COVERED	100	SQ. FT.	
	EXT. COVD.	210	SQ. FT.	
DECK AREA(S)				
	DECK	144	SQ. FT.	
	EXT. DECK	288	SQ. FT.	
-	ENERAL PLAN		2018 N.CR	2
U.N.O. (REFER TO F ALL GARAGE SER	ORS TO BE HOLLOW CO PLAN FOR SIZE). VICE DOORS TO BE HO (REFER TO PLAN FOR	DLLOW CORE	СК,	
	RAGE DOORS TO BE 2		E-RATED	
ALL ENTRY DOOR SOLID CORE   3/4	S AND EXTERIOR FREN " THICK (REFER TO PLA	CH DOORS TO AN FOR SIZE).	BE	
ALL FLOOR MATE DOOR JAMBS, U.N.			r <i>o</i> f	
	PLATE NOTE	S	2018 N.CR	
	8'-I" PLATE NO			)/7\
<ul> <li>ENTRY DOOR</li> </ul>	INDOW HDR. HEIGHT: HEIGHT: SS DOOR HEIGHT: FIT HEIGHT: 5;	6'-8" U.N.O T'-0" U.N.O 6'-8" (TEM T'-4" U.N.O T" RECESS 6'-8" U.N.O	P.) ED U.N.O.	
	9'-I" PLATE NO	TES		
<ul> <li>WINDOW HEAD</li> <li>4010 WINDOW</li> <li>ENTRY DOOR</li> </ul>	S DOOR HEIGHT: FIT HEIGHT: ;	8'-0" U.N.C 7'-8" U.N.O 8'-4" U.N.O 6'-8" U.N.O 6'-8" U.N.C 7" RECESS 6'-8" U.N.C	P.)	
INTERIOR DOL		0-0 0.0.0	•	J

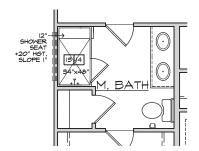
INTERIOR KEY



FLOOR PLAN

SCALE: 1/4"=1'-0" (22"x34") - 1/8"=1'-0" (11"x17")



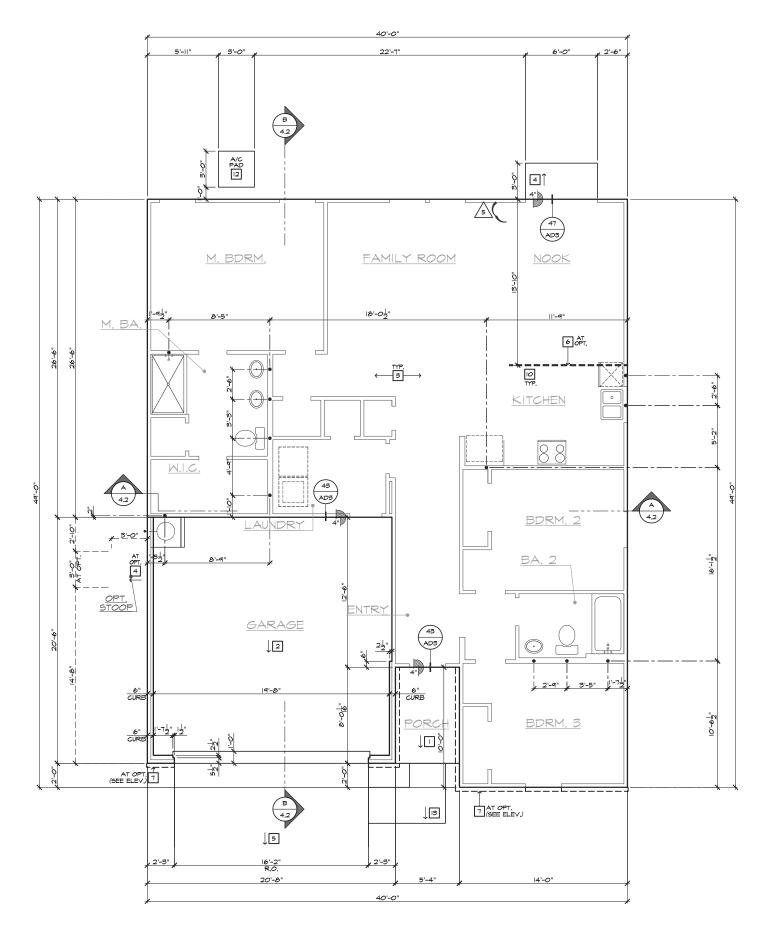


DELUXE M, BATH AT MASTER BATH

 FLOOR PLAN OPTIONS

 SCALE:
 1/4"=1"-0" (22"x34") - 1/8"=1"-0" (11"x17")

#	FLOOR PLAN NOTES	
Ι,	SINK WITH GARBAGE DISPOSAL - VERIFY DIMENSIONS WITH MANUFACTURER SPEC'S,	8
2,	DISHWASHER - PROVIDE SURFACE MOUNT AIR GAP VERIFY DIMENSIONS WITH MANUFACTURER SPEC'S,	
3.		
	SLIDE-IN RANGE/ OVEN COMBINATION W BUILT-IN LIGHT & FAN (VENT TO OUTSIDE AIR) - VERIEV WITH MANUFACTURER SPEC'S,	
4,	36" COOKTOP - W BUILT-IN HOOD WLIGHT & FAN, (VENT TO OUTSIDE AIR) - CABINET MOUNTED MICROWAVE INCLUDED OVEN WITH VENT - VERIFY WITH MANUFACTURER SPEC'S,	
-		I HOME I
5,	39" CLEAR REFRIGERATOR SPACE - PROVIDE PLUMBING FOR ICEMAKER (RECESSED IN WALL),	
6,	DOUBLE OVEN - VERIFY WITH MANUFACTUER SPEC'S,	
٦.	BASE CABINETS - REFER TO INTERIOR ELEVATIONS	
8,	UPPER CABINETS - REFER TO INTERIOR ELEVATIONS	
٩,	PANTRY - SHELVES PER SPEC	
	ISLAND CABINET - REFER TO INTERIOR ELEVATIONS	
н,	TUB/SHOWER COMBINATION WITH 72" FIBERGLASS ENCLOSURE (NON-ABSORBENT) VERIFY DIMENSIONS WITH MER'S SPEC'S,	
12,	OVAL TUB - VERIFY DIMENSIONS WITH MANUFACTURER SPEC'S,	
13,	SHOWER PAN WITH WAINSCOT TO 84" - VERIFY DIMENSIONS WITH MANUFACTURER SPEC'S,	
14,	SHATTERPROOF (TEMPERED) GLASS SHOWER ENCLOSURE	
15, 16,	TOWEL BAR	
10. 17.	NOT USED TOILET PAPER HOLDER	NODTH CADOLIN
18.	EXTEND VANITY - REFER TO INTERIOR ELEVATIONS	NORTH CAROLIN
19,	OPTIONAL SINK	40' SERIES
	PROVIDE WATER AND WASTE FOR WASHER (WASHER	8
	CONTROL VALVES) (RECESSED IN WALL)	KB HOME NORTH CAROLINA DIVISION
21,	DRYER VENT	
22,	NOT USED	4506 S. MIAMI BLVD.
23,	FREE STANDING LAUNDRY SINK - VERIFY DIMENSIONS WITH MFR'S SPEC'S,	<ul> <li>SUITE 180</li> <li>DURHAM, NC 27703</li> </ul>
24,	ELECTRIC WATER HEATER - LOCATE ON 18" HIGH	■ TEL: (919) 768-7980
	FRAMED PLATFORM	FAX: (919) 544-2928
25,	TEMPERATURE AND PRESSURE RELIEF VALVE DRAIN TO EXTERIOR - MIN, 6" ABOVE & MAX, 24" ABOVE GRADE	
26,	NOT USED	
27,	NOT USED	
28,	PRE-MFR, METAL GAS APPLIANCE FIREPLACE INSTALLED PER MANUFACTURERS INSTRUCTIONS	2018 NORTH
		CAROLINA STAT
	NON-COMBUSTIBLE HEARTH MATERIAL	
30,	ROUTE OF FIREPLACE "B" VENT FROM BELOW - PROVIDE O.S.B. SHAFT	BUILDING
31,	+36" GUARD WALL DETAIL 84/AD5 OR 86/AD5	
32,	+34" - +38" HIGH HANDRAIL DETAIL 83/AD5	CODES
33,	COATS WITH SHELF & POLE - DETAIL 73/AD4	
	LINEN - SHELVES PER SPEC	
	WARDROBE WITH SHELF & POLE - DETAIL 73/AD4 U.N.O.	
	MEDIA NICHE - REFER TO INTERIOR ELEVATIONS	
	FLAT SOFFIT - REFER TO PLAN OR ELEVATIONS FOR HEIGHT	
	NOT USED LINE OF CEILING BREAK	
	INTERIOR SHELF - REFER TO PLAN OR INT, ELEVS, FOR HGT,	
	LOW WALL - REFER TO PLAN FOR HEIGHT - DETAIL 12/AD4	
42.	LOCATION OF PLUMBING WASTE DROP FROM ABOVE	ISSUE DATE: 02/23/17
43,	2x6 WALL	PROJECT No.: 1350999:56
44,	2x6 BALLOON FRAMED WALL - REFER TO STRUCTURAL	DIVISION MGR.: MCP REVISIONS: 07/29/19
	DOUBLE 2x4 WALL	
	LINE OF FLOOR ABOVE	EVISIONS NCI8012NCP- 3/13/18 DS
	LINE OF FLOOR BELOW	ADD CRAWL SPACE
	EXTERIOR RAIL	<sup>B</sup> 2 NCI8024NCP- 7/24/18 CTD
		DIVISION REVISIONS
	22"x54" ATTIC ACCESS W/ STAIRS F.A.J. IN ATTIC - PROVIDE MIN, 22"x30" ATTIC ACCESS PANEL	* <u>3</u> NCI804INCP- 9/27/18 CTD
<i></i> ,	PROVIDE FUEL GAS, REFER TO UTILITY PLAN DETAIL 88/AD5	a A 2018 CODE UPDATE NCI90ISNCP/ 03/15/19 / CTD
52.	DUCT CHASE - DETAIL 89 \$ 90/AD5 - REFER TO MECH, PLAN	
	RETURN AIR GRILL (R,A,G,) -	S NC19017NCP/ 03/22/19 / CTD
	REFER TO MECHANICAL PLAN	DIVISION REVISIONS 6 NCI9050NCP/ 07/29/19 / FAE
54,	I/2" GYPSUM BOARD ON CEILING AND WALLS AT USEABLE SPACE UNDER STAIRS	
55,	THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAN ?" GYPSIM BOARD APPLIED TO THE GARAGE SIDE	
56,	SEPARATION BETWEEN SECOND FLOOR AND GARAGE CELLING, PROVIDE (1) LAYER OF ?" TYPE "X" GYPSUM BOARD, WALLS SUPPORTING SECOND FLOOR AND GARAGE CELLING, PROVIDE (1) LAYER OF ?"	
	SECOND FLOOR AND GARAGE CEILING, PROVIDE (I) LAYER OF ?" GYPSUM BOARD	2, 3,
57,	EXTERIOR SHELF - REFER TO ELEV, FOR HEIGHT	<b>4</b> , 5,
54	NOT LISED	6
90,	NOT USED	PLAN:
59,	NOT USED	140.1445
60.	SECTIONAL GARAGE DOOR - VERIFY WINDOW OPTION	SHEET:
	NOT USED	12
	DRAFTSTOP REQUIRED IN FLOOR / CEILING SPACES	1.2
	EXCEEDING 1000 SQUARE FEET, DIVIDED SPACES MUST BE ROUGHLY EQUAL,	
63,	OPENINGS BETWEEN GARAGE AND HOUSE SHALL BE EQUIPPED WITH SOLID WOOD DOORS NOT LESS THAN I 3/8-INCH THICK.	SPEC. LEVEL 1
	WITH SOLID WOOD DOORS NOT LESS THAN I 3/8-INCH THICK, OR SHALL BE 20-MINUTE FIRE RATED, DOORS SHALL BE WEATHERSTRIPPED	
	NOTE:	RALEIGH-DURHAN
	INFORALL PLAN OPTIONS REFER TO BASIC PLAN FOR INFORMATION NOT SHOWN HERE,	40' SERIES



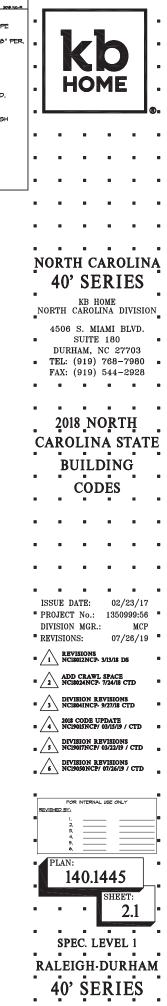
# SLAB INTERFACE PLAN 'A'

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

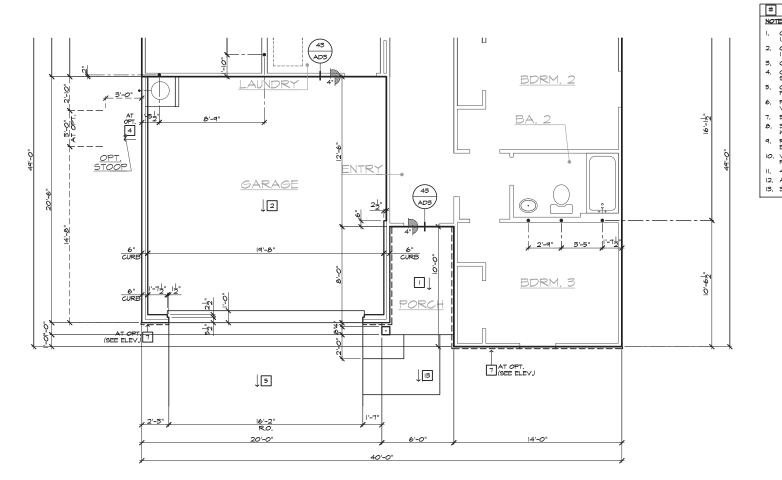
NOT	TE: NOT ALL KEY NOTES APPLY.	_	
١,	CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT, MIN,		
2.	CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE $\rm I/8"$ PER, $\rm I'-0"$ MIN, TOWARD DOOR OPENING,		
З,	CONCRETE FOUNDATION PER STRUCTURAL,		
4.	CONCRETE STOOP, 36"x36" STANDARD SLOPE I/4" PER FT, MIN,	8	
5.	CONCRETE DRIVEWAY SLOPE 1/4" PER FT, MIN, AWAY FROM GARAGE DOOR OPENING,		
6,	PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND, VERIFY LOCATION,	-	
٦.	5" BRICK LEDGE FOR MASONRY VENEER,		
8.	3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN, 12" EMBEDMENT INTO CONCRETE,		
ঀ,	REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS,		
10,	VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB,		
П,	4" MIN, & I/4" MAX, TO HARD SURFACE,		-
12,	A/C PAD, VERIFY LOCATION,		
13,	36" WIDE WALKWAY- SLOPE I/4" PER FT, MIN,		8

SLAB PLAN NOTES

#



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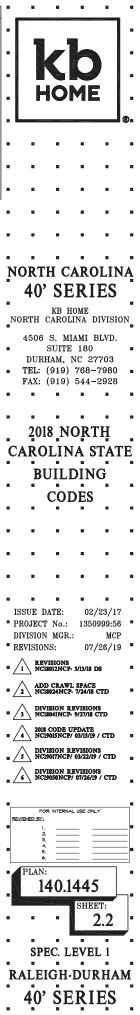


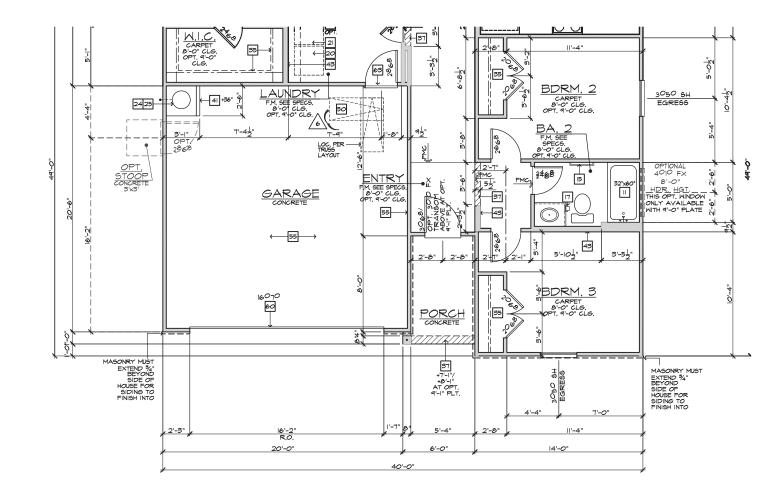
# PARTIAL SLAB INTERFACE PLAN 'C'

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

BASIC PLAN AT SLAB-ON-GRADE

#	SLAB PLAN NOTES	
NO	T <u>E:</u> NOT ALL KEY NOTES APPLY.	_
٦,	CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT, MIN.	
2.	CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE $\rm I/8"$ PER. $\rm I'-0"$ MIN. TOWARD DOOR OPENING,	
З,	CONCRETE FOUNDATION PER STRUCTURAL,	
4.	CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT, MIN,	
5,	CONCRETE DRIVEWAY SLOPE I/4" PER FT, MIN, AWAY FROM GARAGE DOOR OPENING,	
6,	PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND, VERIFY LOCATION,	-
7,	5" BRICK LEDGE FOR MASONRY VENEER,	
8.	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 ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB,	
п,	4" MIN, & I/4" MAX, TO HARD SURFACE,	-
12,	A/C PAD, VERIFY LOCATION,	
13,	36" WIDE WALKWAY- SLOPE I/4" PER FT, MIN,	

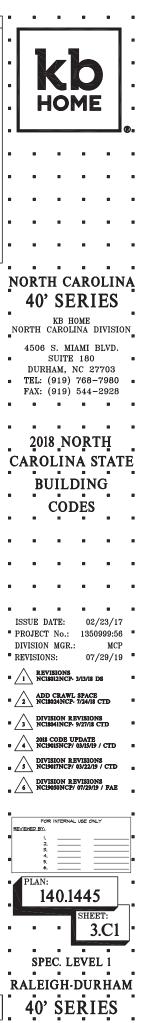


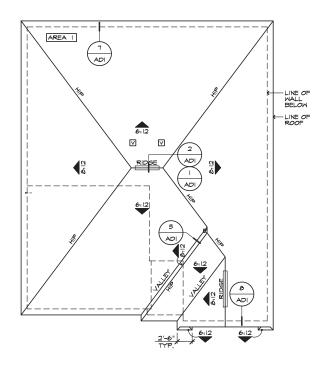


PARTIAL FIRST FLOOR PLAN 'C'

### # PARTIAL PLA NOTE: NOT ALL KEY NOTES APPLY. PARTIAL PLAN NOTES

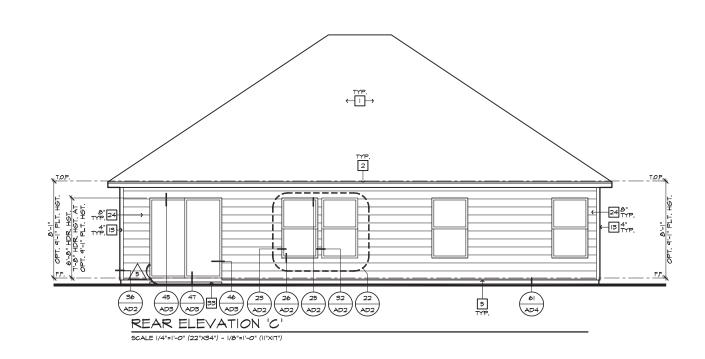
- 31, +36" GUARD WALL DETAIL 84/AD5 OR 86/AD5
- 37, FLAT SOFFIT REFER TO PLAN OR ELEVATIONS FOR HEIGHT 38, NOT USED
- 39, LINE OF CEILING BREAK
- 40. INTERIOR SHELF REFER TO PLAN OR INT. ELEVS. FOR HGT.
- 41, LOW WALL REFER TO PLAN FOR HEIGHT DETAIL 72/AD4 43, 2×6 WALL
- 44, 2x6 BALLOON FRAMED WALL REFER TO STRUCTURAL
- 45, DOUBLE 2×4 WALL
- 46. LINE OF FLOOR ABOVE
- 47, LINE OF FLOOR BELOW 48, EXTERIOR RAIL
- 55. THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAN ?" GYPSUM BOARD APPLIED TO THE GARAGE SIDE
- 56, SEPARATION BETWEEN SECOND FLOOR AND GARAGE CELLING, PROVIDE (1) LAYER OF ?" TYPE "X" GYTSUM BOARD, WALLS SUPPORTING SECOND FLOOR AND GARAGE CELLING, PROVIDE (1) LAYER OF ?" GYTSUM BOARD
- 57. EXTERIOR SHELF REFER TO ELEV, FOR HEIGHT
- 60, SECTIONAL GARAGE DOOR VERIFY WINDOW OPTION

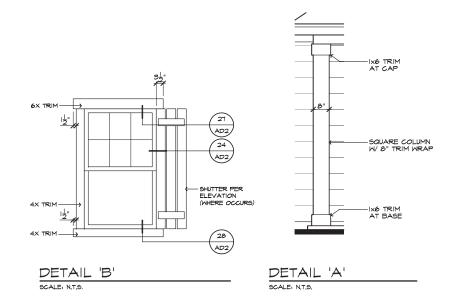




 ROOF
 PLAN
 'C'

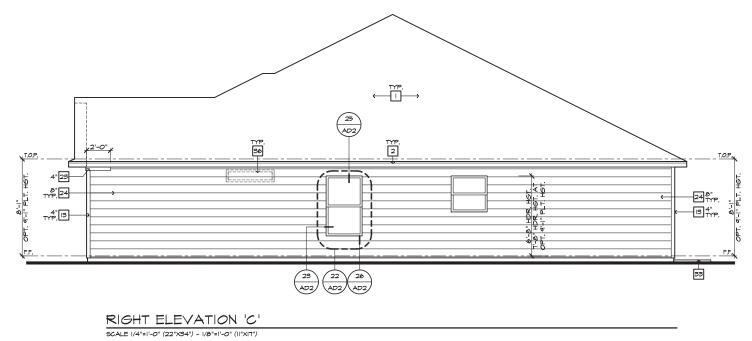
 SCALE
 1/8"=1'-0"
 (22"X34")
 - 1/16"=1'-0"
 (11"X17")

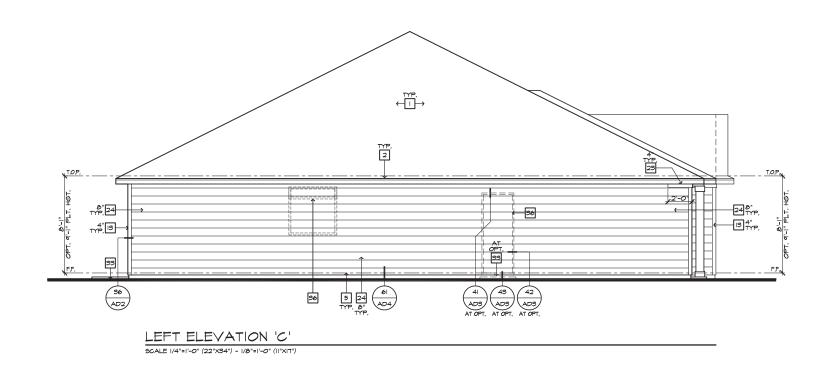




NOT 1. 2. 3.	E NOT ALL KEY NOTES ASSIV	_				
2,	<u>EI</u> NOT ALL KEY NOTES APPLY. ROOF MATERIAL - REFER TO ROOF NOTES	8				
3.	2X FASCIA/BARGE BOARD WITH FASCIA CAP		$\geq$		~	
	G,I, FLASHING	•	$\mathbb{N}_{\mathcal{A}}$	7		
4, 5.	G,I, FLASHING & SADDLE/CRICKET G.I, DRIP SCREED		EK		( )	
	24"x24" CHIMNEY	8				
	DECORATIVE VENT					
	DECORATIVE CORBEL		HC	Jr	МÈ	
	DECORATIVE SHUTTERS					-
	PEDIMENT, SEE ELEVATION FOR TYPE					
II. 12.	RECESSED ELEMENT DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE					
	TRIM - SEE ELEVATION FOR SIZE					
	SYNTHETIC MATERIAL		8			8
15,	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)					
16	FYPON OR EQ, SURROUNDING STRUCTURAL POST, SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	8 8			8	
	SHAKE SIDING					
	STONE VENEER PER SPECS					8
19,	BRICK/MASONRY VENEER PER SPECS					
20	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				-	
	PRE-FAB DECORATIVE TRIM LIGHT WEIGHT PRECAST STONE TRIM	NOR	ΠH	CA	<b>VKO</b>	11JU
	RAILINGS (+36" U.N.O.)					
	VINYL WRAP	41	0' S	)E	КI	C3
	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ, SEE	•	1/1	ייז מ	MP	
31	ELEVATION FOR SIZE, BRACKET OR KICKER - FYPHON OR EQ,	NORTI		B HO ROLI		IVISI
	ENTRY DOOR		. 041	u		
	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN,	450	)6 S.	ML	AMI E	BLVD.
	SECTIONAL GARAGE DOOR PER SPECS				180	
		סנ	RHA	1, N	IC 27	703
	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS OPTIONAL STANDING SEAM METAL ROOF	= TEI	. (91	9)	768-	7980
	KEYSTONE	1	(91) (k			
	SOLDIER CROWN			,		
	JACK SOLDIER COURSE					
41,	WATER TABLE				_	_
	ATRIUM DOOR					
43,	PILASTER - SEE ELEVATION FOR TYPE	2	018	N(	JRT	H
	ROOF PLAN NOTES 'C'				-	-
	INDICATES ROOF SLOPE	CAR	UL	IN	A S	IA
	6:12 AND DIRECTION, U.N.O.	.	: 		8 	~
PO-	F MATERIAL: COMPOSITION SHINGLE	]	BUI	LĽ	ЛŃ	G
	(INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O.				8	
	(INCHES) TYPICAL ROOF OVERHANG AT EAVE, U.N.O.		C	OD	<b>ES</b>	
LOC	ATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND		Ĩ	·		
U	SE EXCEPT ABOVE SHEARWALL PANELS,	I				
-						
•	ATTIC VENT CALCULATIONS					
SPA	VIDE I SQ, IN, OF VENTILATION PER 300 SQ, IN, OF ATTIC CE, PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF			1	•	8
SPA	NIDE I SQ, IN, OF VENTILATION PER 300 SQ, IN, OF ATTIC C.E., PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF REQ, VENTILATING AREA IS PROVIDED BY VENTILATORS			1	•	
SPA THE LOC	VIDE I SQ, IN, OF VENTILATION PER 300 SQ, IN, OF ATTIC CE, PROVIDE THAT AT LEAST 30% & NO MORE THAN 80% REQ, VENTILATING AREA IS PROVIDED BY VENTILATORS ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 3-0° ABOVE BAVE VENT WITH THE BALAVE BEING PROVIDED			1	•	•
SPA THE LOC	VIDE I SQ, IN, OF VENTILATION PER 300 SQ, IN, OF ATTIC CE, PROVIDE THAT AT LEAST 30% & NO MORE THAN 80% REQ, VENTILATING AREA IS PROVIDED BY VENTILATORS ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 3-0° ABOVE BAVE VENT WITH THE BALAVE BEING PROVIDED		•	1	•	8
SPA THE LOC	DVIDE I SQ. IN, OF VENTILATION PER 300 SQ. IN, OF ATTIC C.E., PROVIDE THAT AT LEAST 30% & NO MORE THAN 80% OF REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 5°-0° ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED EAVE VENTS, (LOW VENTING) (2018 N.CR 806.2) CALCULATION BY (1/50, HIGH/LOW VENTING NOT REQUIRED, APPROXIMATE RIDGE VENT LOCATIONS SHOWN.	 	•	1	•	8
SPA THE LOC AT BY *	XUDE I SQ. IN, OF VENTILATION PER 500 SQ. IN, OF ATTIC C.E. PROVIDE THAT AT LEAST 50% IN MORE THAN BOOK OF REQ. VENTILATING AREA IS PROVIDED BY VENTILATIORS ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) S'-O' ABOVE EAVE VENT INITH THE BALANCE BEING PROVIDED EAVE VENTS, (LOAV VENTING) COLO N.C. REGOL CALCULATION BY 1/50, HIGHLON VENTING NOT REGUIRED, APPROXIMATE RIDGE VENT LOCATIONS STORM, ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD,			1 1 1	•	8
SPA THE LOC AT BY *	XIDE I SQ. IN, OF VENTILATION PER 500 SQ. IN, OF ATTIC CE, PROVIDE THAT AT LEAST 50% IN OWNER THAN BOOK OF REO, VENTILATING AREA IS PROVIDED BY VENTILATIORS ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) S'-O' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED EAVE VENTS, (LOW VENTING) COLO NCREO(2) CALCULATION BY 1/50; HIGH/LOW VENTING NOT REQUIRED, APPROXIMATE RIDGE VENT LOCATIONS SHOWN, ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD, ALL/MAIN ILLATION REQUIRED.	B B	1 1 1	, , ,	8 8 8	8 8 8 9 /00//11
SPA THE LOC AT BY *	XVIDE I SQ. IN, OF VENTILATION PER 300 SQ. IN, OF ATTIC         C/E, PROVIDE THAT AT LEAST 50% # NO MORE THAN 80% OF         REQ, VENTILATING AREA IS PROVIDED BY VENTILATORS         ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)         3*0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED         EAVE VENTS, (LOW VENTING) (2006 NCR 806.2)         CALCULATION BY I/JSO, HIGHLOW VENTING IN THE REQUIRED.         ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.         ALIMAN         PILATION REQUIRED.         (LADEA         ILATION REQUIRED.         (LADEA         III 44 50, FT. / 300 = 638 50, FT.	ISSUE				
SPA THE LOC AT BY ARE VEN ATTI	XIDE I SQ. IN, OF VENTLATION PER 300 SQ. IN, OF ATTIC CE, PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF REQ. VENTLATING AREA IS PROVIDED BY VENTLATORS ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) 50° ABOVE EAVE VENT UNIT THE BLANCE BEING PROVIDED EAVE VENTS, (LOW VENTING) (2016 N.CR 806.2) CALCULATION BY IJSO, HIGHLOW VENTING NOT REGUIRED, ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD, ALIMAIN RLATION REQUIRED, C AREA 1914 SQ. FT, /300 = 6.38 SQ. FT, X 144 = 18.7.2 SQ. IN, X 50% = 453.36 SQ. IN,	ISSUE PROJE	ECT N	o.:	1350	999:5
SPA THE LOC AT BY ARE ARE ARE	XIDE 1 SQ, IN, OF VENTILATION PER 500 SQ, IN, OF ATTIC       CCE, PROVIDE THAT AT LEAST 50% IN OWDER THAN B0% OF       REQ, VENTILATING AREA IS PROVIDED BY VENTILATIORS       AITED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)       3'-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED       S-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED       S-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED       S-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED       S-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED       ACULATION BY USO, HIGHLON VENTING NOT REQUIRED,       APPROXIMATE RIDGE VENT LOCATIONS SHOWN,       ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD,       ALL MAIN       ILLATION REQUIRED,       C AREA       Y 194< SQ, FT, /300 =	ISSUE PROJE DIVISI	ECT N	o.:	1350	999:50 MCI
ARE NOT	XVIDE I SQ, IN, OF VENTILATION PER 500 SQ, IN, OF ATTIC           CCE, PROVIDE THAT AT LEAST 50% IS, IN OWDER THAN B0% OF           REQ, VENTILATING AREA IS PROVIDED BY VENTILATIORS           ATD IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)           Stor ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           Stor ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           Stor ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           Stor ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           Stor ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           ALLATION BY UND, HIGHLON VENTING NOT REQUIRED,           APPROXIMATE RIDGE VENT LOCATIONS SHOW,           ALL LOCATIONS TO BE DETERMINED IN THE FIELD,           ALL ANN           C AREA         1914 SQ, FT, /300 = 6.36 SQ, FT,           X 104 = 418,712 SQ, IN,           X 50% = 459,36 SQ, IN,           NILATION PROVIDED,           LIN, FEET OF RIDGE VENT AT (16 SQ, IN/FOOT) =	ISSUE PROJE	ECT N	o.:	1350	999:50 MCI
ARE VENTION	XVIDE I SQ. IN, OF VENTILATION PER 300 SQ. IN, OF ATTIC           CE, PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF           REG, VENTILATING AREA IS PROVIDED BY VENTILATORS           XATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)           30° ABOVE EAVE VENT WITH THE BLANCE BEING PROVIDED           SO' ABOVE EAVE VENT WITH THE BLANCE BEING PROVIDED           CALCULATION DF VIDS, HIGHLOW VENTING)           CAUCU ATONS DF VIDS, HIGHLOW VENTING)           ATTAL LOCATIONS TO BE DETERMINED IN THE FIELD,           ALTUAL LOCATIONS TO BE DETERMINED IN THE FIELD,           ALIAMIN           RILATION REQUIRED,           C AREA           XI44 = 418:72 SQ. IN,           XIATION PROVIDED;           LIN, FEET OF RIDGE VENT AT (18 SQ. IN/FOOT) =           LIN, FEET OF RIDGE VENT AT (18 SQ. IN/FOOT) =           LIN, FEET OF RIDGE VENT AT (18 SQ. IN/FOOT) =           SI-144 ROOF VENTSA AT 144:00 SQ. IN, EA, =	ISSUE PROJE DIVISI REVIS	ECT N ION M IONS: REVISIO	o.: GR.: DNS	1350 07/	999:50 MCI /29/19
SPATELOCAT LOCAT BY ARE VENTION (12)	XVIDE I SQ. IN, OF VENTILATION PER 300 SQ. IN, OF ATTIC           CE         PROVIDE THAT AT LEAST 50% & IN MORE THAN 80% OF           REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS           XATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)           30" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           EAVE VENTS, (LOW VENTING) (2016 N.CR 806.2)           CALCULATION BY I/JSO, HIGHLOW VENTING)           ATTAL DOCATIONS OF THE ATTIC, (HIGH VENTING)           ADATAL DOCATIONS TO BE DETERMINED IN THE FIELD,           ALIVALION REQUIRED.           CAREA           CAREA           XILATION REQUIRED.           CAREA           CAREA           XILATION REQUIRED.           ILLATION REQUIRED.           LILATION REQUIRED.           LILATION PROVIDED.           LIL REET OF RIDGE VENT AT (IB SQ. IN/FOOT) =           ILN, FEET OF RIDGE VENT AT (IB SQ. IN/FOOT) =           ILN, FEET OF RIDGE VENT AT (IB SQ. IN/FOOT) =           SI-144 ROOF VENTISA AT 144.00 SQ. IN, EA, =           286 SQ. IN,           ACAL HIGH VENTILATION.	ISSUE PROJE DIVISI REVIS	ECT N ON M IONS:	o.: GR.: DNS	1350 07/	999:56 MCI /29/19
SPATION AT IN THE STATE	XVIDE I SQ, IN, OF VENTILATION PER 500 SQ, IN, OF ATTIC           CCE, PROVIDE THAT AT LEAST 50% IS, IN OWDER THAN B0% OF           REQ. VENTILATING AREA IS PROVIDED BY VENTILATIORS           ATD IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)           SHO ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           SHO ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           SHO ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           SHO ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           SHO VENTILORATION OF THE ATTIC, (HIGH VENTING)           SHO VENTIL RIDGE VENT ICORATIONS SHOWN, ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD,           ALL MAIN           ILLATION REQUIRED, C AREA           VIDA THE SQL, FT. / 300 =           AREA           VIDA THE SQL VENT ATTICK SHOWN, X STAGE 448, 20, FT.           LILATION REQUIRED, C AREA           VENTLATION PROVIDED,           LIN, FEET OF RIDGE VENT AT (IS SQ, IN, FCOT) =           LIN, FEET OF RIDGE VENT AT (IS SQ, IN, FCOT) =           SH ROOF VENTLATED SOFFIT (5 5Q, IN, FCOT) =           LIN, FEET OF VENTLATED SOFFIT (5 5Q, IN, FCOT) =           LIN, FEET OF VENTLATED SOFFIT (5 5Q, IN, FCOT) =           LIN, FEET OF VENTLATION,           LIN, FEET OF VENTLATED SOFFIT (5 5Q, IN, FCOT) =	ISSUE PROJE DIVISI REVIS	CT N ON M IONS: REVISION NCISO12	O.: GR.: DNS NCP.	1350 07/ 3/13/18 I SPACE	999:56 MCI /29/19 <b>xs</b>
SPA THE COC AT ATHE COC AT BY* ARE VENT AT VENT (10 2) SUB- (12 2) SUB- SUB-	XIDE 1 SQ. IN. OF VENTILATION PER 500 SQ. IN. OF ATTIC           C.E. PROVIDED THAT AT LEAST 50% IS IN OWDER THAN B0% OF           REO. VENTILATION AREA IS PROVIDED BY VENTILATORS           ATD IN THE UPPER PORTION OF THE ATTIC, (IIGH VENTING)           SHOW THAT AT LEAST 50% IS A BOVIDED BY VENTILATORS           ATD IN THE UPPER PORTION OF THE ATTIC, (IIGH VENTING)           SHOW THE AVEX VENT WITH THE BALANCE BEINS PROVIDED           SHOW THE AVEX VENT WITH THE BALANCE BEINS PROVIDED           SHOW THOM THE DEAL ONCE SHOWN           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD,           AL / MAIN           ILLATION REQUIRED.           YEAR           C AREA           YEAR           LIN, FEET OF RIDGE VENT AT (IB SQ. IN/FOOT) =           SIN, FEET OF RIDGE VENT AT (IB SQ. IN/FOOT) =           LIN, FEET OF RIDGE VENT AT (IB SQ. IN/FOOT) =           LIN, FEET OF VENTLATION           LIN, FEET OF VENTLATED SOFFIT (5 50. IN/FOOT) =           SI, HA EQOF VENTLATION:           LIN, FEET OF VENTLATED SOFFIT (5 50. IN/FOOT) =           SI, HA EQOF VENTLATED SOFFIT (5 50. IN/FOOT) =           SI, HA EQOF VENTLATED SOFFIT (5 50. IN, FOOT) =           SI, HA EQOF VENTLATED SOFFIT (5 50. IN, FOOT) =           SI, HA EQOF VENTLATED SOFFIT (5 50. IN, FOOT) =           SI A HOOT VENTLATED SOFFIT (5 50. IN, FOOT) =	ISSUE PROJE DIVISI REVIS	ECT N ION M IONS: REVISIO	O.: GR.: DNS NCP.	1350 07/ 3/13/18 I SPACE	
SPATICATION ATTING (102)	XVIDE I SQ. IN, OF VENTILATION PER 500 SQ. IN, OF ATTIC           CCE, PROVIDED THAT AT LEAST 50% IS IN OWRE THAN 80% OF           REQ, VENTILATING AREA IS PROVIDED BY VENTILATORS           ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)           50° ABOVE EAVE VENT WITH THE BALANCE BEINS PROVIDED           EAVE VENT WITH THE BALANCE BEINS PROVIDED           CALCULATION DF / INS, INIT THE BALANCE BEINS PROVIDED           ACTUAL LOCATIONS OF THE ATTIC, (HIGH VENTING)           CALCULATION DF / INS, INIT THE BALANCE BEINS PROVIDED           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD,           ALIAMIN           RILATION REQUIRED,           CAREA           CAREA           LIN, FEET OF RIDGE VENT AT (IB SQ. IN, FOOT) =           LIN, FEET OF RIDGE VENT AT (IB SQ. IN, FOOT) =           SI-144 ROOF VENTILATION,           LIN, FEET OF VENTILATION,           LIN, FEET OF VENTILATION           LIN, FEET OF VENTILATION,           LIN, FEET OF VENTILATION,           LIN, FEET OF VENTILATION,           SO, IN, 5-144 ROOF VENTILATION,           SI, HIGH VENTILATION,           LIN, FEET OF VENTILATION,           LIN, FEET OF VENTILATED SOFFIT (5 SQ. IN/FOOT) =           SI-144 ROOF VENTILATE SQ. IN (HASQ. IN, EA) =           SI - 44 ROOF VENTILATE SQ. FIT, (144 SQ. IN, EA) =	ISSUE PROJH DIVISI REVIS 2 1	ECT N ION M IONS: REVISIO NCISO24	O.: GR.: DNS NCP.	1350 07/ 3/13/18 E SPACE 7/24/18	999:50 MCI /29/19 xs cttp
ARE NOT	XVIDE I SQ. IN, OF VENTILATION PER 500 SQ. IN, OF ATTIC           CCE, PROVIDED THAT AT LEAST 50% IS IN OWDER THAN B0% OF           RED, VENTILATION AREA IS FROVIDED BY VENTILATIORS           ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)           S'-O' ABOVE EAVE VENT WITH THE BALANCE BEING FROVIDED           CAUGULATION BY INST. INO WENTING VENTILS (USE NOT REQUIRED, CAUGULATIONS FILMS), INGTALON NETTIC, (HIGH VENTING)           S'-O' ABOVE EAVE VENT WITH THE BALANCE BEING FROVIDED           CAUGULATION BY INST. INO YOUR THE ADAMS           ADDIN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)           CAUGULATION BY INST. INO YOUR THE ADAMS           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD,           ALL MAIN           ILLATION REQUIRED,           C AREA           VENTILATION, SOUTH ST. INTERVISED           LIN, FEET OF RIDGE VENT AT (IS SQ. IN, FOOT) =           S-144 ROOF VENTIG) AT 144.00 SQ. IN, EA, =           268 SQ. IN,           5-144 ROOF VENTIG) AT 144.00 SQ. IN, EA, =           5-144 ROOF VENTIATION;           460 SQ. IN,           5-144 ROOF VENTIG) AT 144.00 SQ. IN, EA) =           5-144 ROOF VENTIG) AT 144.50, IN, EA) =           460 SQ. IN,	ISSUE PROJE DIVISI REVIS 1	CT N ON M IONS: REVISION NCISO12	O.: GR.: DNS NCP- AWL NCP- N RE	1350 07/ 3/13/18 I SPACE 7/24/18	999:50 MCI /29/19 xs CTD
SPATEC AT LOCAT BY ARENT ENGLO SUB- TOT NOT	XVIDE 1 SQ, IN, OF VENTILATION PER 500 SQ, IN, OF ATTIC           CCE, PROVIDED THAT AT LEAST 50% IS, IN OWDER THAN 80% OF           REO, VENTILATING AREA IS PROVIDED BY VENTILATORS           ATD IN THE UPPER PORTION OF THE ATTIC, (IIGH VENTING)           SHOW ADDAY EAVE VENT WITH THE BALANCE BEING PROVIDED           SHOW ADDAY EAVE VENT WITH THE BALANCE BEING PROVIDED           SHOW ADDAY EAVE VENT WITH THE BALANCE BEING PROVIDED           SHOW ADDAY EAVE VENT WITH THE BALANCE BEING PROVIDED           SHOW ADDAY EAVE VENT WITH THE BALANCE BEING PROVIDED           CALLULATION BY UISO, HIGHLOW VENTING NOT REQUIRED,           APPROXIMATE RIDGE VENT IOCATIONS SHOWN,           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD,           ALL MAIN           ILLATION REQUIRED,           C AREA           VENTLATION SO TO BE DETERMINED IN THE FIELD,           ALLANG           LIN, FEET OF RIDGE VENT AT (IB SQ, IN,FOOT) =           SHA ROOF VENTIC) AT 144.00 SQ, IN, EA =           SHA ROOF VENTLATED SOFFIT (5 SQ, IN,FOOT) = <tr< td=""><td>ISSUE PROJE DIVISI REVIS 2 2 3 3</td><td>ECT N ON M IONS: REVISIO NCISO12 ADD CE NCISO24 INVISIO NCISO41</td><td>O.: GR.: DNS NCP. AWL NCP. NCP.</td><td>1350 07/ 3/13/18 E SPACE 7/24/18 VISION 9/27/18 (</td><td>999:50 MCI /29/19 xs CTD</td></tr<>	ISSUE PROJE DIVISI REVIS 2 2 3 3	ECT N ON M IONS: REVISIO NCISO12 ADD CE NCISO24 INVISIO NCISO41	O.: GR.: DNS NCP. AWL NCP. NCP.	1350 07/ 3/13/18 E SPACE 7/24/18 VISION 9/27/18 (	999:50 MCI /29/19 xs CTD
SPATECAT SYATE AT STATES	XVIDE I SQ. IN. OF VENTILATION PER 500 SQ. IN. OF ATTIC           CCE.         PROVIDED THAT AT LEAST 50% IS. IN OWCE THAN B0% OF           RED. IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)           SHID IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)           SHOW EAVE VENT WITH THE BALANCE BEING PROVIDED           CALL AND SW. OF COLOR NO. THE ATTIC, (HIGH VENTING)           SHOW EAVE VENT WITH THE BALANCE BEING PROVIDED           CALL AND SW. UPPTR PORTION OF THE ATTIC, (HIGH VENTING)           CALL AND SW. UPTTING OND NO. THE ADAMACE BEING PROVIDED           CALL AND SW. UPTTING OND NO. THE ADAMACE BEING PROVIDED           APPROXIMATE RIDGE VENT LOCATIONS TO MERDING.           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.           ALL MAIN           ILLATION REQUIRED.           C AREA           VENT FORDEVENT AT (IS SQ. IN, FOOT) =           SHAT MED FORDEVENT AT (IS SQ. IN, FOOT) =           SHAT MENTILATION,           LIN FEET OF VENTILATE OFFIT (S SQ. IN, FOOT) =           SHAT MENTILATION,           SHAT MENTILATION,           SHIN VENTILATION,           SHAT MENTILATION,           LIN FEET OF VENTILATION,           LIN FEET OF VENTILATION,           SHIN MENTILATION,           SHAT MENTILATION ROVIDED,           SHA VENTILATION,           VENT T	ISSUE PROJE DIVISI REVIS $\widehat{}$	CT N ON M IONS: REVISIO NCISO24 DIVISIO	O.: GR.: DNS NCP. AWL NCP. DN RE NCP.	1350 07/ 3/13/18 I SPACE 7/24/18 WISION 9/27/18 (	999:56 MCI (29/19 (29/19 (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/19) (29/1
SPA THEOLATY A VENEDO 2000 TO	XVIDE I SQ. IN, OF VENTILATION PER 500 SQ. IN, OF ATTIC           CCE, PROVIDED THAT AT LEAST 50% IS IN OWDER THAN B0% OF           REQ. VENTILATING AREA IS PROVIDED BY VENTILATIORS           ATED IN THE UPPER PORTION OF THE ATTIC, (IIIGH VENTING)           SHO ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           SHO ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           SHO ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           SHO ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           SHO ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           CALCULATION BY UFST HIGHLOW VENTINES/OT REQUIRED.           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.           ALL MAIN           ILLATION REQUIRED.           C AREA           SHAT MENTILATIONS TO BE DETERMINED IN THE FIELD.           ALLATION REQUIRED.           C AREA           YEAT OF RIDGE VENT AT (I&SQ. IN, FOOT) =           SHAT MERTILATION           LIN, FEET OF RIDGE VENT AT (I44 SQ. IN, FOOT) =           SHO YENTILATION           LIN, FEET OF VENTLATION:           LIN FEET OF VENTLATION:           LUN TELLATION	ISSUE PROJE DIVISI REVIS 2 2 3 3 4	CT N ON M IONS: REVISION NCISO12 ADD CE NCISO24 DIVISIC NCISO41 2018 CO NCISO15	O.: GR.: NCP. AWL NCP. NCP.	1350 07/ 3/13/18 I SPACE 7/24/18 VISION 9/27/18 03/15/19	999:56 MCI (29/19 29/19 55 CTD (CTD (CTD)
SPATHOCAT BY* ARENTI ALSO ATTING (2) SUB-CONTRACT SUB-CONTRACT SUB-C	XVIDE I SQ. IN, OF VENTILATION PER 500 SQ. IN, OF ATTIC           CCE, PROVIDED THAT AT LEAST 50% IS IN OWDER THAN B0% OF           REQ. VENTILATING AREA IS PROVIDED BY VENTILATIORS           ATED IN THE UPPER PORTION OF THE ATTIC, (IIIGH VENTING)           SHO ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           SHO ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           SHO ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           SHO ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           SHO ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED           CALCULATION BY UFST HIGHLOW VENTINES/OT REQUIRED.           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.           ALL MAIN           ILLATION REQUIRED.           C AREA           SHAT MENTILATIONS TO BE DETERMINED IN THE FIELD.           ALLATION REQUIRED.           C AREA           YEAT OF RIDGE VENT AT (I&SQ. IN, FOOT) =           SHAT MERTILATION           LIN, FEET OF RIDGE VENT AT (I44 SQ. IN, FOOT) =           SHO YENTILATION           LIN, FEET OF VENTLATION:           LIN FEET OF VENTLATION:           LUN TELLATION	ISSUE PROJE DIVISI REVIS 2 2 3 3	CT N ON M IONS: REVISIO NCISO12 ADD CE NCISO24 DIVISIO NCISO24 2018 CO	O.: GR.: ONS NCP. AWL NCP. ON RE DE UI	1350 07/ 3/13/18 I SPACE 7/24/18 9/27/18 9/27/18 03/15/19 WISION	999:56 MCI /29/19 /55 CTD / CTD / CTD
SPALLOT BY* REPAIR OF STORY ST	XVIDE I SQ, IN, OF VENTILATION PER 500 SQ, IN, OF ATTIC           CCE, PROVIDED THAY AT LEAST 50% IS IN OWCR THAN B00% OF           RED, VENTILATION AREA IS FROVIDED BY VENTILATIORS           ANDED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)           S'-O' ABOVE EAVE VENT INITH THE BALANCE BEING FROVIDED           CALLATION BY INSTITUON OF THE ATTIC, (HIGH VENTING)           S'-O' ABOVE EAVE VENT INITH THE BALANCE BEING FROVIDED           CALLATION BY INSTINON OF THE ATTIC, (HIGH VENTING)           CALLATION BY INSTINON OF THE ALLANCE BEING FROVIDED           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD,           ATTIAL LOCATIONS TO BE DETERMINED IN THE FIELD,           ALLMAIN           ILLATION REQUIRED,           C AREA           VENT GOLD AND, CR. 2000 (C. 2000)           SOM = 459,36 SQ, FT,           X 50% = 459,36 SQ, IN,           SOM = 459,36 SQ, IN,           SOM = 459,36 SQ, IN,           SOM = 460 SQ, IN,           SILIN, FEET OF RIDGE VENT AT (16 SQ, IN, FOOT) =           SOM = 460 SQ, IN,           SOM INTELLON VENTILATION,           LIN, FEET OF VENTLATE OFFIT (5 SQ, IN, FOOT) =           SOM = 460 SQ, IN,           SOM VENTLATION,           LIN FEET OF VENTLATION,           LIN FEET OF VENTLATION,           LIN FEET OF VENTLATION,	ISSUE PROJE DIVISI REVIS 2 2 3 4 4 4 4 5	CT N ON M IONS: REVISIO NCISO12 ADD CE NCISO24 DIVISIO NCISO15 DIVISIO NCISO15	O.: GR.: DNS NCP. AAWL NCP. N RE NCP.	1350 07/ 3/13/18 I SPACE 7/24/18 VISION 9/27/18 ( PDATE 03/15/19 VVISION 03/22/19	999:56 MCI /29/19 /29/19 /29/19 /27 /27 /27 /27 /27 /27 /27 /27 /27 /27
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SPHECT Y* REG(2) BAC(2)	XUDE 1 SQ, IN, OF VENTILATION PER 500 SQ, IN, OF ATTIC           CCE, PROVIDED THAY AT LEAST 50% is NO MORE THAN 80% OF           REO, VENTILATING AREA 15 FROVIDED BY VENTILATIORS           ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)           10° ABOVE EAVE VENT WITH THE BALANCE BEINS PROVIDED           20° ABOVE EAVE VENT WITH THE BALANCE BEINS PROVIDED           20° ABOVE EAVE VENT WITH THE BALANCE BEINS PROVIDED           20° ABOVE EAVE VENT WITH THE BALANCE BEINS PROVIDED           CALCULATION BY INSO, INCOLS NCR 606.21           CALCULATION BY INSO, INCOLS NCR 606.21           CALCULATION BY INSO, INCOLS SHOWN,           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD,           ALI MAIN           CAREA           INLATION REQUIRED,           C AREA           VENT GORD VENTIS, OLD MCR 606.21           LIN, FEET OF RIDGE VENT TO CATIONS SHOWN,           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD,           ALL MAIN           ILLATION REQUIRED,           C AREA           VENT OF RODE VENT AT (16 SQ, IN, FOOT) =           SO S           LIN, FEET OF VENTLATED SOFTI (5 SQ, IN, FOOT) =           SO SQ, IN,           VENT OFENINGS SHALL BE COVERED MITH 1/4" CORROSION STANT METAL MESH,           VENT OFENINGS SHALL BE COVERED MITH 1/4" CORROSION STANT METAL MESH,	ISSUE PROJE DIVISI REVIS 2 2 3 3 3 3 3 3 3 3 3 3	CT N ON M IONS: REVISIO NCISO12 ADD CF NCISO24 DIVISIO NCISO15 DIVISIO DIVISIO	O.: GR.: DNS NCP. AWL NCP. DE UI NCP. DE UI	1350 07/ 3/13/18 I SPACE 7/24/18 WISION 03/15/19 WISION 03/12/19 WISION	9999:56 MCI (29/15 29/15 S CTD (20/15 S CTD (20/15 CTD (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15) (20/15)
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SPHECT Y* REVEAL OF STORY STOR	XUDE 1 SQ, IN, OF VENTILATION PER 500 SQ, IN, OF ATTIC           CCE, PROVIDED THAY AT LEAST 50% is NO MORE THAN 80% OF           REO, VENTILATING AREA 15 FROVIDED BY VENTILATIORS           ATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)           10° ABOVE EAVE VENT WITH THE BALANCE BEINS PROVIDED           20° ABOVE EAVE VENT WITH THE BALANCE BEINS PROVIDED           20° ABOVE EAVE VENT WITH THE BALANCE BEINS PROVIDED           20° ABOVE EAVE VENT WITH THE BALANCE BEINS PROVIDED           CALCULATION BY INSO, INCOLS NCR 606.21           CALCULATION BY INSO, INCOLS NCR 606.21           CALCULATION BY INSO, INCOLS SHOWN,           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD,           ALI MAIN           CAREA           INLATION REQUIRED,           C AREA           VENT GORD VENTIS, OLD MCR 606.21           LIN, FEET OF RIDGE VENT TO CATIONS SHOWN,           ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD,           ALL MAIN           ILLATION REQUIRED,           C AREA           VENT OF RODE VENT AT (16 SQ, IN, FOOT) =           SO S           LIN, FEET OF VENTLATED SOFTI (5 SQ, IN, FOOT) =           SO SQ, IN,           VENT OFENINGS SHALL BE COVERED MITH 1/4" CORROSION STANT METAL MESH,           VENT OFENINGS SHALL BE COVERED MITH 1/4" CORROSION STANT METAL MESH,	ISSUE PROJE DIVISI REVIS 2 2 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 4 3 4 3 4 4 4 4 4 4 4 4 4 4	CCT N ON M IONS: REVISIO NCISOIZ ADD CE NCISOIZ ADD CE NCISOIZ ADD CE NCISOIZ DIVISIC NCISOIZ DIVISIC DIVISIC NCISOIZ DIVISIC NCISOIZ DIVISIC NCISOIZ DIVISIC NCISOIZ DIVISIC NCISOIZ DIVISIC NCISOIZ DIVISIC DIVISIC DIVISIC DIVISIC DIVISIC DIVISIC DIVISIC DIVISIC DIVISIC DIVISIC DIVISIC	O.: GR.: DNS NCP. AAWL NCP. DE UI NCP/ DE UI NCP/ N RE NCP/	1350 07/ 3/13/18 I SPACE 7/24/18 WISION 9/27/18 O PDATE 03/15/19 WISION 03/22/19	999:56 MCI (29/19 05 CTD (STD / CTD (S / CTD (S / CTD) (S / CTD) (S / FAE
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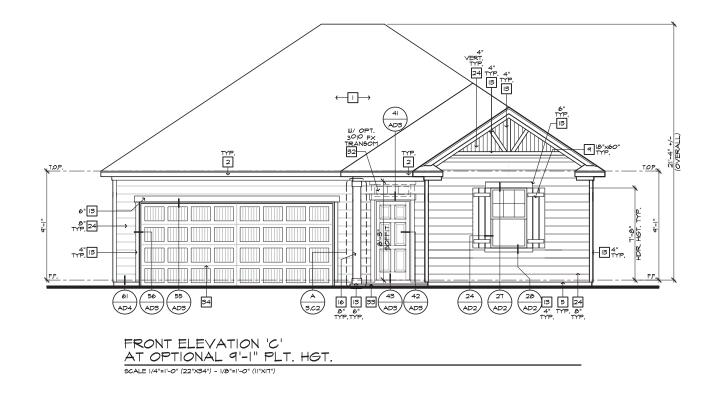


# ELEVATION NOTES	ר 🖷				
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NOTE: NOT ALL KEY NOTES APPLY,					
I, ROOF MATERIAL - REFER TO ROOF NOTES					
2, 2X FASCIA/BARGE BOARD WITH FASCIA CAP				$\sim$	
3, G,I, FLASHING					
4. G,I, FLASHING & SADDLE/CRICKET					
5. G.I. DRIP SCREED					7
6, 24"×24" CHIMNEY				$\geq$	
7, DECORATIVE VENT			40	ME	
8, DECORATIVE CORBEL		N 1	10		
9. DECORATIVE SHUTTERS					
IO, PEDIMENT, SEE ELEVATION FOR TYPE					
II, RECESSED ELEMENT					
12, DECORATIVE TRIM FYPON OR EQ, SEE ELEVATION FOR TYPE					
13, TRIM - SEE ELEVATION FOR SIZE					8
14, SYNTHETIC MATERIAL	1				
15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ, SURROUNDING STRUCTURAL POST,					
16, SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE	1				
IT, SHAKE SIDING					
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		8			8
25, 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	1.5.7	0.00			
27. LIGHT WEIGHT PRECAST STONE TRIM	N	UKI	H C	AKU	DLIN
28. RAILINGS (+36" U.N.O.)	8	4.0			DO
		-40	' SE	€KI	ES
29. VINYL WRAP 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE			~ 1		
ELEVATION FOR SIZE,		ODMIT		HOME	
31, BRACKET OR KICKER - FYPHON OR EQ,		ORTH	CAROI	LINA	DIVISIO
32, ENTRY DOOR	-		~		
33, CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN,		4506	5 S. M		BLAD.
34, SECTIONAL GARAGE DOOR PER SPECS			SUITI	E 180	
35, ALUMINUM WRAP		DUR	HAM,	NC 2	7703
36, OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS		TEL	(919)	768-	-7980
37, OPTIONAL STANDING SEAM METAL ROOF	1		· ·		
38, KEYSTONE		гAX:	(919)	544-	-2928
39, SOLDIER CROWN				8	
40, JACK SOLDIER COURSE	1				
4I, WATER TABLE	_	-	-	-	-
42, ATRIUM DOOR	1				

- 43, PILASTER SEE ELEVATION FOR TYPE

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KOTE, NOT ALL KEY NOTES APPLY. ROOF MATERIAL - REFER TO ROOF NOTES 2 XF RASCIA/BARGE BOARD WITH FASCIA CAP 3. GI, FLASHING & SADDLE/CRICKET 5. GI, DRIP SCREED 5. 24*x24" CHINNEY 7. DECORATIVE VENT 9. DECORATIVE VENT 9. DECORATIVE SELEVATION FOR TYPE 1. RECESSED ELEVATION FOR TYPE 1. RECESSED ELEVATION FOR SIZE 4. SYNTHETIC MATERIAL	#	ELEVATION NOTES	ר [		8	•		
<ul> <li>NOOT MALENDARGE EDARROW THE FASCIAL CAP</li> <li>2X FASCIARDARGE EDARROW THE FASCIAL CAP</li> <li>GU, FLASHING</li> <li>GU, FLASHING I SADDLE/CRICKET</li> <li>GU, DRIP SCREED</li> <li>24'X24' CHINNEY</li> <li>DECORATIVE SENT</li> <li>STORE DELEVENT</li> <li>SOTORE VENERE PER SPECS</li> <li>SOLDIER CONSE</li> <li>SOLDIER CONSE</li> <li>SENT POST W KRAP - SEE STRUCTURAL FOR SIZE</li> <li>SOLDIER CONSE</li> <li>SENT POST W KRAP - SEE STRUCTURAL FOR SIZE</li> <li>SOLDIER CONSE</li> <li>SENT POST W KRAP - SEE STRUCTURAL FOR SIZE</li> <li>SOLDIER CONSE</li> <li>SOLDIER CONSE</li> <li>SETTORE W KRAP - SEE STRUCTURAL FOR SIZE</li> <li>SOLDIER CONSE</li> <li>SETONE W KRAP - SEE STRUCTURAL FOR SIZE</li> <li>SOLDIER CONSE</li> <li>SECTIONAL STANDING STRUCTURAL FOR SIZE</li> <li>SOLDIER CONSE</li> <li>SEAM METAL ROOF</li> <li>SECTIONAL STANDING STRUCTURAL FOR SIZE</li> <li>SOLDIER CONSE</li> <li>SEAM METAL ROOF</li> <li>SEAM METAL ROOF</li> <li>SECTIONAL STANDING SEAM METAL ROOF</li> <li>SOLDIER CONSE</li> <li>SOLDIER CONSE</li> <li>SUTTE 180</li> <li>DURHAM, NC 27703</li> <li>TEL: (919) 768-7980</li> <li>FAX: (919) 544-2328</li> <li>SOLDIER CONSE</li> <li>PLASTER - SEE ELEVATION FOR TYPE</li> </ul>	NOT		1					
<ul> <li>a. G.I, FLASHING</li> <li>b. G.I, PLASHING SADDLE/CRICKET</li> <li>c. G.I, DRIP SCREED</li> <li>c. SALVAT CHIMEY</li> <li>DECORATIVE VENT</li> <li>DECORATIVE ANTON FOR TYPE</li> <li>DECORATIVE SEE ELEVATION FOR TYPE</li> <li>DECORATIVE TRIM PYPON OR EQ. SEE ELEVATION FOR TYPE</li> <li>TRIM - SEE ELEVATION FOR SIZE</li> <li>STREAMANTACTIRED DECORATIVE COLUMN (GIZE, SEE ELEVA) PYPON OR EQ. SURRAUNDING STRUCTURAL POST.</li> <li>SITTE-BUL TO CLUMN - SEE ELEVATION FOR TYPE</li> <li>STOKE VENEER PER SPECS</li> <li>STOKE VENEER PER SPECS</li> <li>BUILT UP DRICK COLUMN</li> <li>SODOLER COURSE</li> <li>REMAKE SIDING</li> <li>STOKE VENEER PER SPECS</li> <li>BUILT UP DRICK COLUMN</li> <li>SODOLER COURSE</li> <li>REMAKE COMPER TRIM PER SPECS</li> <li>STOKE VENEER PER STAIL TURAL FOR SIZE</li> <li>PRE-FAB DECORATIVE TRIM</li> <li>RALINGS (-36' ULA)</li> <li>SODOLER COURSE</li> <li>CONCRETE STOKE TRIM PER SPECS</li> <li>SOLOWERT STOKE TRIM PER SPECS</li> <li>SOLOWERT STOKE TRIM PER SPECS</li> <li>SOLOWERT STOKE VIACI</li> <li>SOLOWERT STOKE TRIM PER SPECS</li> <li>SOLOWERT STOKE TOR SIZE</li> <li>SOLOWERT STOKE STAND SEAM METAL ROOF</li> <li>SOLOWERT STOKE</li> <li>SOLOWERT STOKE SEAM METAL ROOF</li> <li< td=""><td>Ι.</td><td>ROOF MATERIAL - REFER TO ROOF NOTES</td><td>8</td><td></td><td></td><td></td><td></td><td></td></li<></ul>	Ι.	ROOF MATERIAL - REFER TO ROOF NOTES	8					
<ul> <li>G.I., FLASHING &amp; SADDLE/CRICKET</li> <li>G.J. DRIP SCREED</li> <li>24*X24 CHINET</li> <li>DECORATIVE VENT</li> <li>DECORATIVE CORBEL</li> <li>DECORATIVE CORBEL</li> <li>DECORATIVE SHITTERS</li> <li>DECORATIVE SHITTERS</li> <li>DECORATIVE TRIM PTPON OR EQ. SEE ELEVATION FOR TYPE</li> <li>TRIM - SEE ELEVATION FOR SIZE</li> <li>SYNTHETIC MATERIAL</li> <li>SPRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEVA) PTPON OR EQ. SURRAUNDING STRUCTURAL POST.</li> <li>SITTE-BUILT COLUMN - SEE ELEVATION FOR TYPE</li> <li>SHARE SIDING</li> <li>STONE VENEER PER SPECS</li> <li>SOLIDER COURSE</li> <li>SOLIDER COURSE</li> <li>SOLIDER COURSE</li> <li>CONCRETE STOOP / PORCH - SEE STRUCTURAL FOR SIZE</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>SALLINGN KARP</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>SALLINGN KARP</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li> <li>CONCRETE STOOP / PORCH - SEE SLAD INTERFACE PLAN,</li></ul>	2,	2X FASCIA/BARGE BOARD WITH FASCIA CAP		$\sim$				
<ul> <li>4. GI, PLASHING &amp; SADDLE/CRICKET</li> <li>5. GI, DRIP SCREED</li> <li>2.4%24' CHIMEY</li> <li>7. DECORATIVE VENT</li> <li>8. DECORATIVE CORBEL</li> <li>9. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE</li> <li>9. STATE-BULT COLUMN - STEE ELEVATION FOR TYPE</li> <li>9. SHARE SIDING</li> <li>9. STORE VENERA PER SPECS</li> <li>9. DECORATIVE INIM</li> <li>9. SOLIEK COURSE</li> <li>22. ROKING VALUE PER SPECS</li> <li>9. DECORATIVE INIM</li> <li>9. SOLIEK COURSE</li> <li>23. FRIEZE BOARD</li> <li>24. SIDING W 4* CORNER TRIM PER SPECS</li> <li>25. PLT. POST W WRAP - SEE STRUCTURAL FOR SIZE</li> <li>26. PRE-FAS DECORATIVE INIM</li> <li>27. LIGHT WEIGHT PRECAST STONE TRIM</li> <li>28. ALMINM WRAP</li> <li>29. DECORATIVE INIMOW/DOOR TRIM - FYPON OR EQ. SEE</li> <li>21. UNIX LINAS (350' UNO)</li> <li>23. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN,</li> <li>24. SECTIONAL DARAGE DOOR PER SPECS</li> <li>27. OPTIONAL DOOR/INDOW - REFER TO PLAN OPTIONS</li> <li>28. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN,</li> <li>29. SECTIONAL ARAAGE DOOR PER SPECS</li> <li>29. SOLDIER CONSE</li> <li>20. JACK SOLDIER CORSE</li> <li>31. OPTIONAL DOOR/INDOW - REFER TO PLAN OPTIONS</li> <li>32. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN,</li> <li>33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN,</li> <li>34. SECTIONAL ARAAGE DOOR PER SPECS</li> <li>35. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN,</li> <li>35. CONCRETE STOOP PORCH - SEE SLAB INTERFACE PLAN,</li> <li>36. CONCRETE STOOP PORCH - SEE SLAB INTERFACE PLAN,</li> <li>37. OPTIONAL DOOR/INDOW - REFER TO PLAN OPTIONS</li> <li>37. OPTIONAL DOOR/INDOW - REFER TO PLAN OPTIONS</li> <li>38. CONCRETE STONE</li> <li>39. SOLDIER CORSE</li> <li>40. WATER TABLE</li> <li>39. DELIENTION</li> <li>30. JALK SOLDIER CORSE</li> <li>41. RILLASTER - SEE ELEVATION FOR TYPE</li> </ul> 2018 NORTH 2018 NORTH 2	З,	G,I, FLASHING						Ι.
<ul> <li>A: 24*24* CHIMEY</li> <li>DECORATIVE VENT</li> <li>DECORATIVE VENT</li> <li>DECORATIVE SUTTERS</li> <li>DECORATIVE SUTTERS</li> <li>PEDIMENTI SEE ELEVATION FOR TYPE</li> <li>RECESSED ELEMANT ON OR EQ. SEE ELEVATION FOR TYPE</li> <li>RECESSED ELEMATION FOR SIZE</li> <li>STITH- SEE ELEVATION FOR SIZE</li> <li>STITH-FULL CUIMA - SEE ELEVATION FOR TYPE</li> <li>SHALE SIDING</li> <li>STORE VENEER FER SPECS</li> <li>SOLDIER COURSE</li> <li>REILEDARD</li> <li>SOLDIER COURSE</li> <li>RELEVATION FOR SIZE</li> <li>SOLDIER COURSE</li> <li>SOLDIER COURSE</li> <li>SOLDIER COURSE</li> <li>RELEVATION FOR SIZE</li> <li>SOLDIER COURSE</li> <li>SOLD</li></ul>	4.	G,I, FLASHING & SADDLE/CRICKET	-					
<ul> <li>A 24 Contribution</li> <li>DECORATIVE VENT</li> <li>DECORATIVE SUBTI</li> <li>DECORATIVE SUBTI</li> <li>DECORATIVE SUBTIRES</li> <li>DECORATIVE SUBTIRES</li> <li>DECORATIVE TEMENT</li> <li>DECORATIVE TEMENT</li> <li>DECORATIVE TEMENT</li> <li>DECORATIVE TEMENT</li> <li>DECORATIVE TEMENT</li> <li>DECORATIVE TEMENT</li> <li>DECORATIVE TO FOR SIZE</li> <li>SYNTHETIC MATERIAL</li> <li>STRE-UNATIGATIRED DECORATIVE COLUMN (SIZE, SEE ELEV)</li> <li>FIRE-MANFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV)</li> <li>FIRE-MANFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV)</li> <li>STRE-UTL COLUMN SEE ELEVATION FOR TYPE</li> <li>SHAKE SIDING</li> <li>STOLE VENEER PER SPECS</li> <li>BUILT UP BRICK COLUMN</li> <li>SOLDIER COURSE</li> <li>RUNCKMASONRY VENEER FER SPECS</li> <li>BUILT UP BRICK COLUMN</li> <li>SOLDIER COURSE</li> <li>FIRE-FAB DECORATIVE TRIM</li> <li>PERCEMANGONRY VENEER FER SPECS</li> <li>ST. FIREZE BOARD</li> <li>STOLE VENEER PER SPECS</li> <li>SOLDIER COURSE</li> <li>FIREZE BOARD</li> <li>SOLDIER COURSE</li> <li>BRACKT OR KICKER - PYPHON OR EQ. SEE</li> <li>BRACKT OR KICKER - PYPHON OR EQ.</li> <li>SECTIONAL GARAGE DOOR PER SPECS</li> <li>ALMINIM WRAP</li> <li>SOLDIER CROWN</li> <li>ALCK SOLDIER COURSE</li> <li>SOLDIER CROWN</li> <li>ALACK SOLDIER COURSE</li> <li>SOLDIER CROWN</li> <li>ALACKT OR KICKER - SEE ELEVATION FOR TYPE</li> <li>SOLDIER CROWN</li> <li>ALACK SOLDIER COURSE</li> <li>ANTER TABLE</li> <li>ATRIUM DOOR</li> <li>FILASTER - SEE ELEVATION FOR TYPE</li> </ul>	5,	G,I, DRIP SCREED						
<ul> <li>b) DECORATIVE CORBEL</li> <li>c) DECORATIVE SUTTICES</li> <li>c) PEDIMENT SEE ELEVATION FOR TYPE</li> <li>c) RECESSED ELEMENT</li> <li>c) DECORATIVE TRIM PYPON OR EQ, SEE ELEVATION FOR TYPE</li> <li>c) STRIM-SEE ELEVATION FOR SIZE</li> <li>c) STRIM-TETIC MATERIAL</li> <li>c) STREM-MARGATURED DECORATIVE COLUMN (SIZE, SEE ELEV.)</li> <li>c) SITE-DILLT COLUMN - SEE ELEVATION FOR TYPE</li> <li>c) SHAKE SIDING</li> <li>e) SITE-DILLT COLUMN - SEE ELEVATION FOR TYPE</li> <li>c) SHAKE SIDING</li> <li>e) SITE-DILLT COLUMN - SEE ELEVATION FOR TYPE</li> <li>c) SHAKE SIDING</li> <li>e) SITE-DILLT COLUMN - SEE ELEVATION FOR TYPE</li> <li>c) SHAKE SIDING</li> <li>e) SITE-DILLT COLUMN - SEE ELEVATION FOR TYPE</li> <li>c) SOLDIER COURSE</li> <li>c) REICK COLUMN</li> <li>c) SOLDIER COURSE</li> <li>c) PRE-FAB DECORATIVE TRIM PER SPECS</li> <li>c) PRE-FAB DECORATIVE TRIM</li> <li>c) REICK COLUMN</li> <li>c) SOLDIER COURSE</li> <li>c) PRE-FAB DECORATIVE TRIM</li> <li>c) PRE-FAB DECORATIVE TRIM PRESSE</li> <li>c) ALMINAM MRAP</li> <li>c) COURSE</li> <li>c) ALMINAM MRAP</li> <li>c) PRE-FAB DECORESE</li> <li>c) ALMINAM MRAP</li> <li>c) PRE-FAB DECORESE</li> <li>c) ALMINAM MRAP&lt;</li></ul>	6.	24"x24" CHIMNEY				$\sim$		
<ul> <li>I. DECORATIVE SHUTTERS</li> <li>O, PEDIMENT, SEE ELEVATION FOR TYPE</li> <li>I. RECESSED ELEMENT</li> <li>2. DECORATIVE TRIM FYPON OR EQ, SEE ELEVATION FOR TYPE</li> <li>3. TRIM - SEE ELEVATION FOR SIZE</li> <li>4. SYNTHETIC MATERIAL</li> <li>5. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV)</li> <li>FYPON OR EQ, SURRONDING STRUCTURAL POST.</li> <li>6. STORE VENEER PER SPECS</li> <li>2. ROWLOCK COURSE</li> <li>2. ROWLOCK COURSE</li> <li>2. ROWLOCK COURSE</li> <li>2. ROWLOCK COURSE TRIM PER SPECS</li> <li>2. ROWLOCK COURSE</li> <li>2. ROWLOCK COURSE TRIM PER SPECS</li> <li>3. SOLDIER CORATIVE TRIM</li> <li>2. LIGHT RECAST STONE TRIM</li> <li>2. ROWLOCK COURSE TRIM - FYPON OR EQ, SEE ELEVATION FOR SIZE.</li> <li>3. DECORATIVE MINDOW/DOOR TRIM - FYPON OR EQ, SEE ELEVATION FOR SIZE.</li> <li>3. SOLDIER TRICAGE DOOR PER SPECS</li> <li>3. OCTIONAL GARAGE DOOR PER SPECS</li> <li>3. SOLDIER COURSE TRIM - EFFER TO PLAN OPTIONS</li> <li>3. OCTIONAL SARAGE DOOR PER SPECS</li> <li>3. SOLDIER COURSE</li> <li>4. MATER TABLE</li> <li>4. ANTER TABLE</li> <li>4. ANTE</li></ul>	7.	DECORATIVE VENT						
<ul> <li>I. DECORATIVE SHUTTERS</li> <li>O, PEDIMENT, SEE ELEVATION FOR TYPE</li> <li>I. RECESSED ELEMENT</li> <li>2. DECORATIVE TRIM FYPON OR EQ, SEE ELEVATION FOR TYPE</li> <li>3. TRIM - SEE ELEVATION FOR SIZE</li> <li>4. SYNTHETIC MATERIAL</li> <li>5. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV)</li> <li>FYPON OR EQ, SURRONDING STRUCTURAL POST.</li> <li>6. STORE VENEER PER SPECS</li> <li>2. ROWLOCK COURSE</li> <li>2. ROWLOCK COURSE</li> <li>2. ROWLOCK COURSE</li> <li>2. ROWLOCK COURSE TRIM PER SPECS</li> <li>2. ROWLOCK COURSE</li> <li>2. ROWLOCK COURSE TRIM PER SPECS</li> <li>3. SOLDIER CORATIVE TRIM</li> <li>2. LIGHT RECAST STONE TRIM</li> <li>2. ROWLOCK COURSE TRIM - FYPON OR EQ, SEE ELEVATION FOR SIZE.</li> <li>3. DECORATIVE MINDOW/DOOR TRIM - FYPON OR EQ, SEE ELEVATION FOR SIZE.</li> <li>3. SOLDIER TRICAGE DOOR PER SPECS</li> <li>3. OCTIONAL GARAGE DOOR PER SPECS</li> <li>3. SOLDIER COURSE TRIM - EFFER TO PLAN OPTIONS</li> <li>3. OCTIONAL SARAGE DOOR PER SPECS</li> <li>3. SOLDIER COURSE</li> <li>4. MATER TABLE</li> <li>4. ANTER TABLE</li> <li>4. ANTE</li></ul>	8.	DECORATIVE CORBEL			-10			
I. 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) PYPON OR EQ, SURROUNDING STRUCTURAL POST. 6. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 7. SHARE SIDING 8. STONE 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. FRIEZE BOARD 26. ORTICK WARAP - SEE STRUCTURAL FOR SIZE 27. ROWLOCK COURSE 28. FRIEZE BOARD 29. SUDICK COURSE TRIM 29. SOLDIER CORSENT 20. DECORATIVE HINDOWDOOR TRIM - FYPON OR EQ, SEE ELEVATION FOR SIZE. 30. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN, 35. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN, 36. SETTIONAL SANADINOS SEAM METAL ROOF 37. OPTIONAL STANDINOS SEAM METAL ROOF 38. KEYSTONE 39. SOLDIER CROWN 40. JACK SOLDIER COURSE 41. MATER TABLE 42. ATRIUM POOR 43. PILASTER - SEE ELEVATION FOR TYPE 2018 NORTH CAROLINA STATI BUILLDING	٩.	DECORATIVE SHUTTERS						
I. 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) PYPON OR EQ, SURROUNDING STRUCTURAL POST. 6. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 7. SHARE SIDING 8. STONE 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. FRIEZE BOARD 26. ORTICK WARAP - SEE STRUCTURAL FOR SIZE 27. ROWLOCK COURSE 28. FRIEZE BOARD 29. SUDICK COURSE TRIM 29. SOLDIER CORSENT 20. DECORATIVE HINDOWDOOR TRIM - FYPON OR EQ, SEE ELEVATION FOR SIZE. 30. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN, 35. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN, 36. SETTIONAL SANADINOS SEAM METAL ROOF 37. OPTIONAL STANDINOS SEAM METAL ROOF 38. KEYSTONE 39. SOLDIER CROWN 40. JACK SOLDIER COURSE 41. MATER TABLE 42. ATRIUM POOR 43. PILASTER - SEE ELEVATION FOR TYPE 2018 NORTH CAROLINA STATI BUILLDING	10.	PEDIMENT, SEE ELEVATION FOR TYPE						
2. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE 3. TRIM - SEE ELEVATION FOR SIZE 4. SYNTHETIC MATERIAL 5. PRE-MANUFACTURED DECORATIVE COLUMN (GIZE SEE ELEV.) 6. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 7. SHAKE SIDING 8. STORE VENEER PER SPECS 20. BUILT UP BRICK COLUMN 21. SOLDIER COURSE 22. ROWLOCK COURSE 23. ROWLOCK COURSE 23. ROWLOCK COURSE 24. SIDING W 4" CORNER TRIM PER SPECS 25. P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE 26. REF-FAB DECORATIVE TRIM 27. LIGHT KEIGHT PRECAST STONE TRIM 28. RAILINGS (-35° UN.O) 29. OPTICHAL STANDING SEAM METAL ROOF 39. CONCRETE STOOP / PORCH - SEE SLAB INTERFACE PLAN, 24. SOLDIER COURSE 25. ALUMINM WRAP 26. OPTICHAL STANDING SEAM METAL ROOF 26. KEYSTONE 27. ALUMINM WRAP 28. SOLDIER COURSE 24. ATRIUM DOOR 25. ALUMINM WRAP 26. OPTICHAL STANDING SEAM METAL ROOF 26. KEYSTONE 27. ALUMINM WRAP 26. OPTICHAL STANDING SEAM METAL ROOF 26. KEYSTONE 27. ALUMINM WRAP 20. JOLER COURSE 27. ALUMINM DOOR 28. REFER TO BLEVATION FOR TYPE 2018 NORTH 2018 NORTH	П,							l ®.
4. SYNTHETIC MATERIAL 5. PRE-MANUFACTURED DECORATIVE COLUMN (6)ZE, SEE ELEV) FYPON OR EQ. SURVAUDING STRUCTURAL POST. 6. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 7. SHAKE SIDING 8. STONE VENEER PER SPECS 20. BUILT UP DRICK 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 KECAST STONE TRIM 28. RAILINGS (-36° U.N.O.) 24. VINTL WRAP 25. DECORATIVE HINDOWDOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE. 35. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 36. OPTIONAL GARAGE DOOR PER SPECS 37. OPTIONAL GARAGE DOOR PER SPECS 38. ACTIONAL GARAGE DOOR PER SPECS 39. SULTY DOOR 30. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS 35. ALMINUM MRAP 36. OPTIONAL DOOR/MINDOW - REFER TO PLAN OPTIONS 37. OPTIONAL DOOR/MINDOW - REFER TO PLAN OPTIONS 37. OPTIONAL DOOR/MINDOW - REFER TO PLAN OPTIONS 37. ACTIONAL STANDING SEAM METAL ROOF 38. KEYSTONE 34. SOLDIER CORVIN 30. JACK SOLDIER COURSE 41. MATER TABLE 42. ATRIUM POOR 33. PILASTER - SEE ELEVATION FOR TYPE 2018 NORTH CAROLINA STATI BUILDING		DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE						
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<ul> <li>a) STONE VENEER PER SPECS</li> <li>b) STONE VENEER PER SPECS</li> <li>c) BUILT UP BRICK COLUMN</li> <li>c) SOLDIER COURSE</li> <li>c) ROULCK COURSE</li> <li>c) ROULCK COURSE</li> <li>c) ROULCK COURSE</li> <li>c) ROULCK COURSE TRIM PER SPECS</li> <li>c) RECARD TRIM PER SPECS</li> <li>c) PECORATIVE HINDOWDOOR TRIM - FYPON OR EQ, SEE ELEVATION FOR SIZE</li> <li>c) DECORATIVE HINDOWDOOR TRIM - FYPON OR EQ, SEE ELEVATION FOR SIZE</li> <li>c) DECORATIVE HINDOWDOOR TRIM - FYPON OR EQ, SEE ELEVATION FOR SIZE</li> <li>c) DECORATIVE HINDOWDOOR TRIM - FYPON OR EQ, SEE ELEVATION FOR SIZE</li> <li>c) DECORATIVE HINDOWDOOR TRIM - FYPON OR EQ, SEE ELEVATION FOR SIZE</li> <li>c) DECORATIVE HINDOWDOOR TRIM - FYPON OR EQ, SEE ELEVATION FOR SIZE</li> <li>c) DECORATIVE HINDOWDOOR TRIM - FYPON OR EQ, SEE ELEVATION FOR SIZE</li> <li>c) DECORATIVE HINDOWDOOR TRIM - FYPON OR EQ, SEE ELEVATION FOR TRIM - FYPON OR EQ, SEE ELEVATION FOR TRIM - FYPON OR EQ, SEE KB HOME</li> <li>s) SCIDIER CORUM</li> <li>d) SECTIONAL STANDING SEAM METAL ROOF</li> <li>s) SECTIONAL STANDING SEAM METAL ROOF</li> <li>s) ALTER TABLE</li> <li>c) ATRIM POOR</li> <li>c) ALASTER - SEE ELEVATION FOR TYPE</li> </ul>								
<ul> <li>BRICK/MASONRY VENEER PER SPECS</li> <li>BUILT UP BRICK COLUMN</li> <li>SOLDIER COURSE</li> <li>RAULOSK COURSE</li> <li>RAULINGS (*36* UN.O)</li> <li>RAUMINM WRAP</li> <li>CORCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN,</li> <li>SALDER CROWN</li> <li>AUMINM WRAP</li> <li>SOLOIER CROWN</li> <li>ALAK SOLDIER COURSE</li> <li>WATER TABLE</li> <li>ATRIUM DOOR</li> <li>PILASTER - SEE ELEVATION FOR TYPE</li> </ul>								
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<ul> <li>BRACKET OR KICKER - FYPHON OR EQ.</li> <li>BRACKET OR KICKER - FYPHON OR EQ.</li> <li>BRACKET OR KICKER - FYPHON OR EQ.</li> <li>CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.</li> <li>SECONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.</li> <li>SUITE 180</li> <li>DURHAM, NC 27703</li> <li>TEL: (919) 768-7980</li> <li>FAX: (919) 544-2928</li> <li>SACOLDER COUNSE</li> <li>ANALTE TABLE</li> <li>ANTENI POOR</li> <li>ALASTER - SEE ELEVATION FOR TYPE</li> </ul> 2018 NORTH CAROLINA STATI BUILDING		DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ, SEE	•		КВ	HOME		
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<ul> <li>33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN,</li> <li>34. SECTIONAL GARAGE DOOR PER SPECS</li> <li>35. ALWINW MRAP</li> <li>36. OPTIONAL DOOR/MINDOW - REFER TO PLAN OPTIONS</li> <li>37. OPTIONAL STANDING SEAM METAL ROOF</li> <li>38. KEYSTORE</li> <li>39. SOLDIER CROWN</li> <li>40. JACK SOLDIER COURSE</li> <li>41. WATER TABLE</li> <li>42. ATRIUM DOOR</li> <li>43. PILASTER - SEE ELEVATION FOR TYPE</li> <li>2018 NORTH</li> <li>CAROLINA STATI</li> <li>BUILDING</li> </ul>			∎``					<u> </u>
34. SECTIONAL GARAGE DOOR PER SPECS 5. ALUMINM WRAP 56. OPTIONAL DOOR/INDOW - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF 38. KEYSTONE 49. SOLDIER CROWN 40. JACK SOLDIER COURSE 41. WATER TABLE 42. ATRIUM DOOR 43. PILASTER - SEE ELEVATION FOR TYPE 2018 NORTH CAROLINA STATI BUILDING				4506	3 S. M	IIAMJ	BLVD.	
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10. JACK SOLDIER COURSE 14. MATER TABLE 12. ATRIUM DOOR 13. PILASTER - SEE ELEVATION FOR TYPE 2018 NORTH CAROLINA STATI BUILDING					` <b>.</b> .			
41. WATER TABLE 42. ATRIUM DOOR 43. PILASTER - SEE ELEVATION FOR TYPE 2018 NORTH CAROLINA STATI BUILDING								
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02/23/17

ADD CRAWL SPACE NCI8024NCP- 7/24/18 CTD DIVISION REVISIONS
 NCI8041NCP- 9/27/18 CTD

2018 CODE UPDATE
 NCI90ISNCP/ 03/I5/I9 / CTD

E S DIVISION REVISIONS NCI9017NCP/ 03/22/19 / CTD

DIVISION REVISIONS NCI9050NCP/ 07/29/19 / FAE

FOR INTERNAL USE ONLY

140.1445

spec. level 1 raleigh-durham 40' SERIES

SHEET: 3.C5

8 8

REVIEWED BY

PLAN:

8

<sup>\*</sup> PROJECT No.: 1350999:56 <sup>\*</sup>

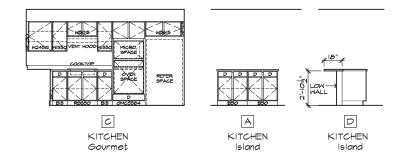
<sup>•</sup> REVISIONS: 07/29/19 <sup>•</sup> B 1 REVISIONS NCIS012NCP- 3/13/18 DS

MCP

ISSUE DATE:

DIVISION MGR .:

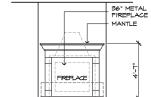
# KITCHEN CABINETS



# LAUNDRY AND MISCELLANEOUS CABINETS

D
LAUNDRY
Opt. Upper & Lower
Cabinets





w/ Fireplace

 STANDARD
 INTERIOR
 ELEVATIONS

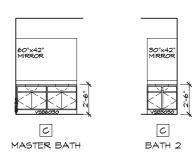
 SCALE:
 1/4"=1'-0"
 (22"X34") - 1/8"=1'-0"
 (11"X17")

# KITCHEN CABINETS

# Porte Porte Image: State of the state

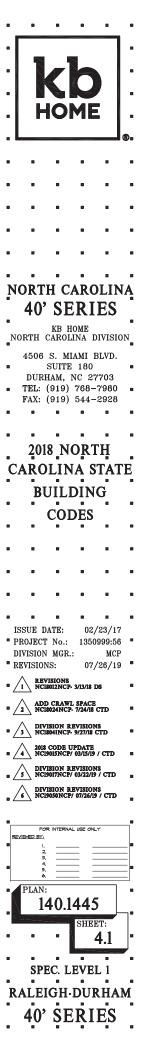
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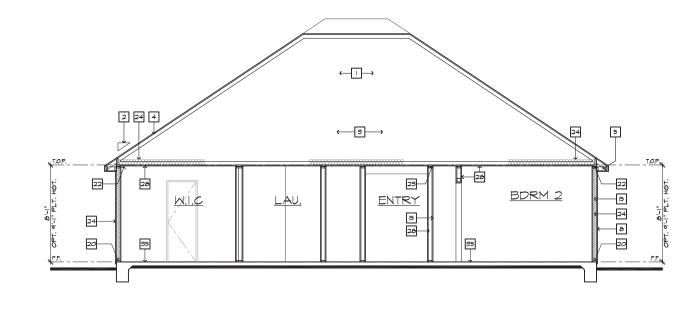
# BATH CABINETS



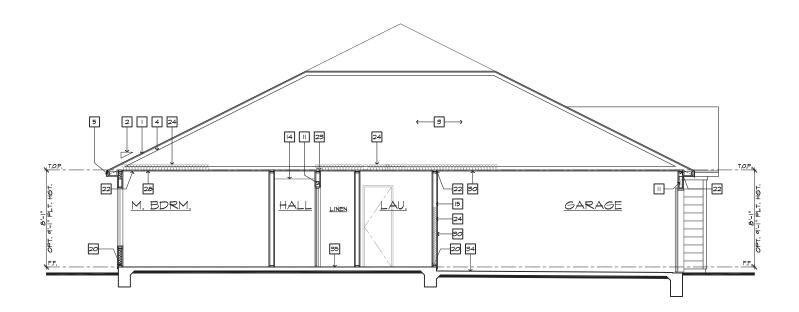
# LAUNDRY AND MISCELLANEOUS CABINETS







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



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02/23/17

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PROJECT No.: 1350999:56

<sup>®</sup> REVISIONS: 07/26/19 <u>I</u>
 <u>REVISIONS</u>
 <u>NCIR012NCP- 3/13/18</u>
 DS

ADD CRAWL SPACE NCI8024NCP- 7/24/18 CTD DIVISION REVISIONS NCI8041NCP- 9/27/18 CTD B 4 2018 CODE UPDATE NCI90I5NCP/ 03/15/19 / CTD DIVISION REVISIONS NCI9017NCP/ 03/22/19 / CTD

DIVISION REVISIONS NCI9050NCP/ 07/26/19 / CTD

FOR INTERNAL USE ONLY

140.1445

spec. level 1 raleigh-durham 40' SERIES

SHEET:

4.2

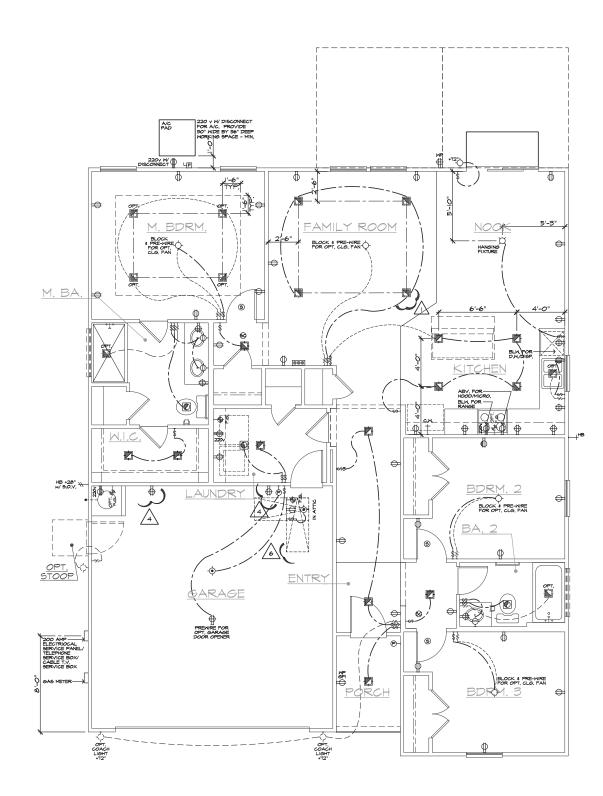
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PLAN:

ISSUE DATE:

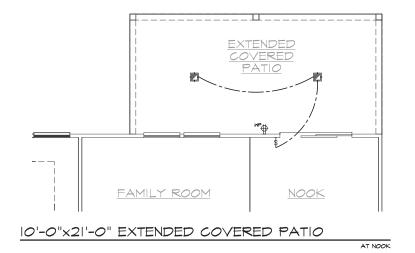
DIVISION MGR .:

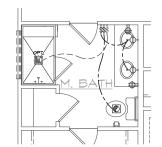
#	SECTION NOTES	]	8		8	8	
6	TE: NOT ALL KEY NOTES APPLY.						
	ROOF MATERIAL - REFER TO ROOF NOTES						
2,	ROOF PITCH - REFER TO ROOF NOTES		$\sim$		$\sim$		
3,	PRE-MANUFACTURED WOOD ROOF TRUSS SYSTEM - SEE STRUCTURAL & TRUSS CALCS						
4,	ROOF SHEATHING PER STRUCTURAL						
5,	2x FASCIA/BARGE BOARD		$\sim$				
Б,	CONT, SOFFITED EAVE W/ VENTING						
t,	G.I., FLASHING - ROOF TO WALL				ME		
З,	EXTERIOR FINISH PER ELEVATIONS						
٩,	FLOOR FRAMING PER STRUCTURAL						
О,	FLOOR SHEATHING PER STRUCTURAL						l
١,	HEADER PER STRUCTURAL						
2,	FLUSH BEAM PER STRUCTURAL						
3,	DROPPED BEAM PER STRUCTURAL				8		
	FLAT/ ARCHED SOFFIT PER PLAN						
5,	2x4 STUD WALL						
6,	2×6 STUD WALL						
17,		1					
18,	DBL, 2x4 WALL PER PLAN				8		
19,	2× CRIPPLES @ 16" O.C.						
20,	2x PRESSURE TREATED SILL PLATE						
	2× SOLE PLATE						
	DBL. 2x TOP PLATE @ EXTERIOR & BEARING WALLS						
	IX OVER 2X TOP PLATE @ INTERIOR \$ NON-BEARING WALLS			•			
	INSULATION MATERIAL PER ENERGY CALCULATIONS		_	_	_	_	
	MIN, 36" HIGH GUARD - SEE PLAN FOR HEIGHT						
	LOW WALL - SEE PLAN FOR HEIGHT	N	ORT	ΉС	ARC	<b>NII</b>	J
	STAIR TREADS AND RISERS PER PLAN: - MIN, IO" TREAD & MAX, 7 3/4" RISER				ERI		Ì
	INTERIOR FINISH: - MIN. 1/2" GYP. BD. © WALLS & SAG RESISTANT OR 5/8" DRYWALL © CEILING		40	91	INC	ES	
	MIN, 1/2" GYP, BD, ON CEILING & WALLS @ USEABLE SPACE UNDER STAIRS,	N	Орти		HOME LINA D	IVISI	^
30,	GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAT 1/2" GYP, BD, @ GARAGE SIDE WALLS & 5/8" UNDER LIVING AREA UN.O.						Ű
31	MATERIAL TO UNDERSIDE OF ROOF SHEATHING		4506		IAMI I	SLVD.	
	INTERIOR SHELF - MIN, 1/2" GYP, BD, OVER 3/8" PLY WD,			SUITH	E 180		
			DUR	HAM,	NC 27	703	
	CONCRETE PATIO/ PORCH SLAB PER STRUCTURAL - SLOPE I/4" PER FT, MIN,		TEL:	(919)	768-	7980	
34,	CONCRETE GARAGE SLAB PER STRUCTURAL - SLOPE 2" MIN,			· /	544-		
35,	CONCRETE FOUNDATION PER STRUCTURAL		raa.	(010)	011	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	
	LINE OF OPTIONAL TRAY CEILING/ STEP CEILING					8	
	LINE OF OPTIONAL VOLUME CEILING						
	PROFILE OF OPTIONAL COVERED PATIO			8			
	EXTERIOR SOFFIT MATERIAL - REFER TO ELEVATIONS,	1			0		
	8" BLOCK WALL		20	18 N	ORT	H	
	5/8" TYPE-X DRYWALL © GARAGE CEILING	C		N	JA S		Г
42,	NHEN THERE IS USABLE SPACE ABOVE AND BELOW THE CONCEALED SPACE OF A FLOOR-CEILING ASSEMBLY IN A SINGLE-FAMILY DWELLING, DRAFT STOPS SHALL BE INSTALLED						
	SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT	1	B	UIL	DIN	G	
	EXCEED 1,000 SQUARE FEET, DRAFTSTOPPING SHALL DIVIDE THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS,		~	-		<b>_</b>	
	THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS,	۱ <sup>¯</sup>	-	CO	DEC.	-	
		1		COI	DES		
				8			
			8			8	
			•	•	8	8	
		•	8	•		•	



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

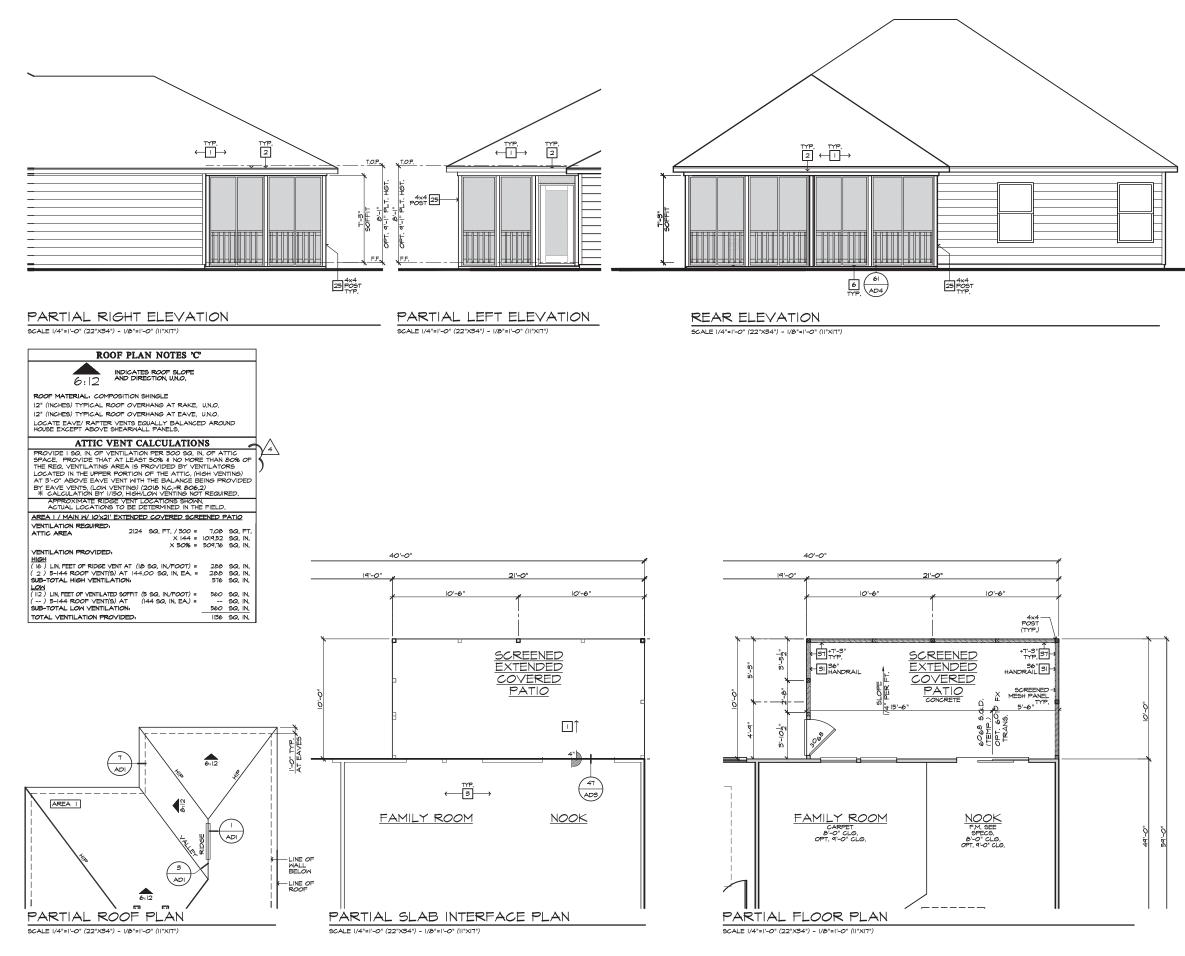
	UTILITY LEGEND 200 NG-RU 2011 NEG	•			•	
÷	120V DUPLEX CONVENIENCE RECEPTACLE ARC FAULT(AFCI) AND TAMPER RESISTANT(TR) 12" ABV, FIN, FLR, TYPICAL U.N.O.					
다는 MP 6F 다는 MP	12 ADV, FIR, FER, THEAL ORD, ORCUIT 120V (TR) RECEPTACLE W/ GFI CIRCUIT W/ WATER RESISTANT HOUSING		7	_1		
teri eri	120V (TR) RECEPTACLE W/ GFI CIRCUIT		X		$\bigcirc$	
⊕ ₽	FUSED DISCONNECT	•				.
0	120V (AFCI & TR) RECESSED FLOOR RECEPTACLE W COVER	•	H	O	ME	
•	120V (AFCI & TR) DUPLEX CONVENIENCE RECEPTACLE					@
<b>1</b> € 220 v	SWITCH CONTROLLED, 1/2 HOT 22OV SINGLE CONVENIENCE RECEPTACLE HEIGHT NOTED AS PER PLAN					
+49-	TWO-POLE LIGHT SWITCH AT 42" ABV, FIN, FLR,	•	•	8	•	
<del>⊦69-</del> 5	6" ABOVE COUNTER U.N.O. THREE-POLE LIGHT SWITCH	•				
⊬ <del>69</del> -4	FOUR-POLE LIGHT SWITCH			8		
н <b>ф- м,</b> ₽.	WALL MOUNTED LIGHT FIXTURE W/ WATER RESISTANT HOUSING	-	-	-	-	-
ф	WALL MOUNTED INCANDESCENT LIGHT FIXTURE	•	8	•		•
+∲-	WALL MOUNTED FLUORESCENT LIGHT FIXTURE	•	•	8		
÷	CEILING MOUNTED INCANDESCENT LIGHT FIXTURE					
-¢-	CEILING MOUNTED FLUORESCENT LIGHT FIXTURE	NO	RTI	H C	ARO	LINA
¤	HANGING INCANDESCENT LIGHT FIXTURE				RI	
Ð	RECESSED INCANDESCENT DIRECTIONAL LIGHT FIXTURE (EYE BALL)	•		квн		
Ø	RECESSED INCANDESCENT LIGHT FIXTURE	NOR	гн с			IVISION
	LIGHTING - TRAVERSE II LED FIXTURE - PER SPECE DECEMBED INCANDESCENT LIGHT EXTIRE	45			AMI E	BLVD.
Юр м.р. Год	RECESSED INCANDESCENT LIGHT FIXTURE	<b>Г</b>		SUITE AM, 1	180 NC 27	703
¢ S	RECESSED FLUORESCENT LIGHT FIXTURE RECESSED EXHAUST FAN	a Ti	EL: (	919)	768-	7980
	RECESSED EXHAUST FAN/ INCANDESCENT LIGHT COMBINATION	F 4	ал: ( в	∎ 918)	544- •	ຂອຂຊ ອ
	RECESSED EXHAUST FAN/ FLUORESCENT LIGHT COMBINATION					
D	INCANDESCENT WALL SCONCE	•	• 2019	= ) N1/	^∎т	י <b>נ</b> ו
]	ILLUMINATED ADDRESS SIGN - VISIBLE FROM STREET				ORT	6
			κU.		A 5	TAT
¦	24"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)		BU	ILI	DIN	G
		•		cor	)ES	
		•	•		8	•
i di	12"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)					
i I i						
®	OPTIONAL PRE-WIRED CEILING FAN AND SWITCH - LOCATED IN CENTER OF ROOM U.N.O.	•			8	•
Ø	CEILING MOUNTED JUNCTION BOX	•	•	8	•	
]) ●●●●	WALL MOUNTED JUNCTION BOX					
ΗM	DOOR CHIME CATV RECEPTACLE		JE DA			23/17
⊢®	PUSH BUTTON		JECT SION	No.: MGR.		999:56 MCP
<b>⊷</b>   	PHONE OUTLET SERVICE BOX		SION			29/19
HB	HOSE BIB	• /ì	REVI NCIS	SIONS 012NCP-	3/13/18 E	S
—# нв —+ см	HOSE BIB W S.O.V. WATER STUB FOR ICE MAKER				SPACE	
9	APPROVED CEILING MOUNTED SMOKE DETECTOR TO BE HARD WIRED WITH BATTERY BACK-UP AND INTERCONNECTED		7		7/24/18	
6	WITH BATTERY BACK-UP AND INTERCONNECTED APPROVED CARBON MONOXIDE ALARM/ SMOKE DET,	• <u>3</u>	NC18	MINCP	EVISION 9/27/18 C	лD
⊢®	THERMOSTAT (VERIFY LOCATION W HVAC PLAN)	• 🛆	2018 ( NC19	CODE U	PDATE 03/15/19	/ CTD
+ <del>•</del>	GAS TAP GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA,	<b>_</b>			EVISION 03/22/19	
١ <del>-X</del>	LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48" FROM GAS OUTLET		DIVI	SION R	EVISION / 07/29/19	8
RC	ITCHING FOR 24" MIN, SEPERATION	" ⁄ " \	ACD	SUNCE	v <i>ri 29</i> /19	, FAB
OF LIGHT / F	TIONS AS SHOWN BELOW	•	FOP	INTERNA	L USE ONL	Y
? HO		REVIEWE				
			2. 5. 4.	_	= =	
SECC	NDARY MASTER GARAGE		5. 6.			
I. MEC	HANICAL, ELECTRICAL AND PLUMBING SYSTEMS ARE	• PI	LAN:			
SHO ENG RESI	AN FOR INTENT ONLY, THESE SYSTEMS SHALL BE INEERED BY OTHERS, THE CONTRACTOR SHALL BE PONSIBLE FOR PROPER INSTALLATION AND		14	10.1	445	
OF F	CEMENT, ALL HEIGHTS SHOWN ARE TO CENTERLINE FIXTURE,				SHEE	
2, PRO REC	VIDE SWITCH, LIGHT, 120V (AFCI & TR) DUPLEX EPTACLE, & FUEL GAS STUB OR 220V RECEPTACLE TTIC FOR F.A.U PER COMMUNITY SPECIFICATIONS,			8		5.1
	KE DETECTORS IN ROOMS WITH VOLUME CEILING TO LOCATED AT HIGHEST POINT OF CEILING	•				
4, 201	FOOT #4 REBAR FOR UFER GROUND AND		sre •	U. L.	EVEI •	2 I 8
INTE	ITIONAL COLD WATER GROUND, REFER TO SLAB REACE PLAN FOR LOCATION,	RAI	LEI	GH∙	DUR	HAM
5, 200 PLA AMP	) AMP ELECTRICAL PANEL (DEFAULT), ELECTRICAL N CHECK PERMIT REQUIRED IF LOAD EXCEED 400 5,	4	0'	ŜF	ŘI	ËS





DELUXE M, BATH

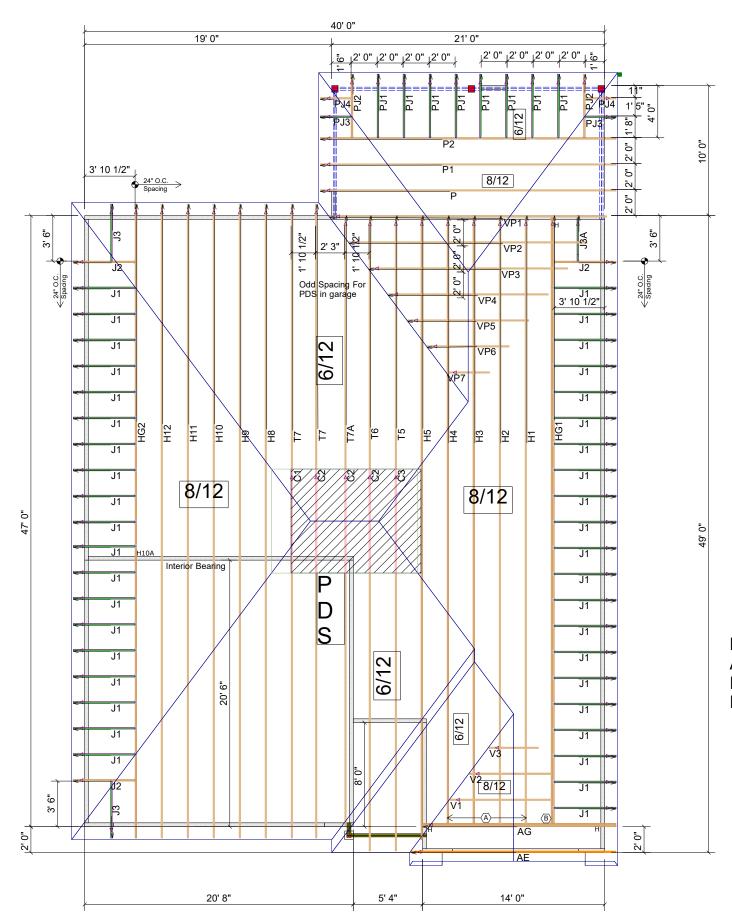
		1 .				8
+	UTILITY LEGEND 2016 NGNY 2011 NEG. 120Y DUPLEX CONVENIENCE RECEPTACLE					
4	ARC FAULT(AFCI) AND TAMPER RESISTANT(TR) 12" ABV, FIN, FLR, TYPICAL U.N.O,	8			_	
나는 MP 6F 나는 MP	I 120V (TR) RECEPTACLE W/ GFI CIRCUIT W/ WATER RESISTANT HOUSING		Ξ.			
⊕ 6FI	120V (TR) RECEPTACLE W/ GFI CIRCUIT				$\bigcirc$	
÷		8			N	′ I
P	FUSED DISCONNECT		ų	O	ME	
$\odot$	120v (AFCI & TR) RECESSED FLOOR RECEPTACLE W/ COVER					
⊕	120Y (AFCI & TR) DUPLEX CONVENIENCE RECEPTACLE SWITCH CONTROLLED, 1/2 HOT	▖▙				
II 220 v	220Y SINGLE CONVENIENCE RECEPTACLE					
-	HEIGHT NOTED AS PER PLAN TWO-POLE LIGHT SWITCH AT 42" ABV, FIN, FLR,			8	8	8
H69-	8" ABOVE COUNTER U.N.O.		_	-	-	_
HA-5	THREE-POLE LIGHT SWITCH	- '		•		•
	FOUR-POLE LIGHT SWITCH WALL MOUNTED LIGHT FIXTURE					
ŀ <b>()- ₩,₽</b> ,	W WATER RESISTANT HOUSING					
ф	WALL MOUNTED INCANDESCENT LIGHT FIXTURE	•	8	•		
н¢-	WALL MOUNTED FLUORESCENT LIGHT FIXTURE			8	8	
ф	CEILING MOUNTED INCANDESCENT	-	-	-	_	-
	LIGHT FIXTURE		8	•		8
-¢-	CEILING MOUNTED FLUORESCENT LIGHT FIXTURE	NOI	RTF	I CA	ARO	LIN
¤	HANGING INCANDESCENT LIGHT FIXTURE				RI	
Ð	RECESSED INCANDESCENT DIRECTIONAL LIGHT FIXTURE (EYE BALL)	. *	·			<b>ل</b> ان
∎⊈ FÖł	LIGHT FIXTURE (EYE BALL) RECESSED INCANDESCENT LIGHT FIXTURE	NODT		KB H	OME INA DI	VICIO
	LIGHTING - TRAVERSE II LED FIXTURE -	8				
	PER SPECS RECESSED INCANDESCENT LIGHT FIXTURE				AMI B	LVD.
ф м,р,	W/ WATER RESISTANT HOUSING	<b>Р</b> р		UITE AM. N	180 4C 27	703
Ð	RECESSED FLUORESCENT LIGHT FIXTURE	1			768-7	
	RECESSED EXHAUST FAN	1			544-2	
Ş	RECESSED EXHAUST FAN/ INCANDESCENT LIGHT COMBINATION	•	8		•	8
	RECESSED EXHAUST FAN/ FLUORESCENT LIGHT COMBINATION		_	_	_	
D	INCANDESCENT WALL SCONCE		-	а ът4	י תר	а ТТ
]	ILLUMINATED ADDRESS SIGN - VISIBLE	. Å	2018	<b>_</b> N(	ORT	ц.
-	FROM STREET		ROI	LIN	A S	ГАТ
!       !					8	
	24"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)		BU	ILE	DIN	Э
!       !			•	COE	NEC.	8
			. `		ES .	
i∥i –						
¦	12"x48" FLVORESCENT LIGHT BOX (CEILING MOUNTED)					8
111						
	OPTIONAL PRE-WIRED CEILING FAN		8			
® Q	AND SWITCH - LOCATED IN CENTER OF ROOM U.N.O.			8		8
нQ	CEILING MOUNTED JUNCTION BOX					
	WALL MOUNTED JUNCTION BOX		8		8	8
HTM	CATV RECEPTACLE		E DA			23/17
н®	PUSH BUTTON	PROJ			13509	
<b>H</b>	PHONE OUTLET	_		MGR.:		MCP
]	SERVICE BOX	REVI:			07/3	29/19
— нв	HOSE BIB	• 🛆	REVIA NCISO		3/13/18 D	5
-# HB			ADD	CRAWI	SPACE	
— см	WATER STUB FOR ICE MAKER APPROVED CEILING MOUNTED	■ <u>/ 2</u> \	NCISO	24NCP	7/24/18 C	TD
9	SMOKE DETECTOR TO BE HARD WIRED WITH BATTERY BACK-UP AND INTERCONNECTED	•	DIVIS	ION RE	VISIONS 9/27/18 C	I TD
⊗	APPROVED CARBON MONOXIDE ALARM/ SMOKE DET,					
⊢© ↓	THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN)	• 🕰	2018 C NC190	ODE U	PDATE 03/15/19 /	CTD
<b>⊢∲</b>	GAS TAP GAS KEY - FIREPI ACE GAS VALVES SHALL BE		DIVIS	ION RE	VISION	
÷₩	GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48" FROM GAS OUTLET				03/22/19	
		. 🛆	DIVIS NCI90	JUN RE	VISION: 07/29/19	/ FAE
RC	ITCHING FOR 24" MIN, SEPERATION DOMS W CLG, FAN OF ELECTRICAL BOXES					
LIGHT / F		a	Earn	NTER	16F C***	,
? HO	A A	REVIEWE		IN LERNAL	. USE ONLY	
			I, 2,		= =	
_	<u> </u>		5, 4, 5,		= =	
SECC	NOTES		5, 6,	_		
I, MEC		• PI	AN:			
SHOL	WN FOR INTENT ONLY, THESE SYSTEMS SHALL BE INEERED BY OTHERS, THE CONTRACTOR SHALL BE		14	0.1	445	
PLA	CEMENT, ALL HEIGHTS SHOWN ARE TO CENTERLINE				SHEE	т.
OF F	TIXTURE,					
2, PRO REC	VIDE SMITCH, LIGHT, I2OV (AFCI & TR) DUPLEX EPTACLE, & FUEL GAS STUB OR 22OV RECEPTACLE TTIC FOR F.A.U PER COMMUNITY SPECIFICATIONS,				<u> </u>	.2
3. SMO	KE DETECTORS IN ROOMS WITH VOLUME CEILING TO				12	
BE	LOCATED AT HIGHEST POINT OF CEILING	:	SPE	C. LI	EVEL	. 1
ADD	FOOT #4 REBAR FOR UFER GROUND AND ITTIONAL COLD WATER GROUND, REFER TO SLAB REACE DIAN FOR LOCATION	ייים דו∧נד	עיק	а Э.Ш. ч	יייזם יייזם	а ЦА
5. 200	RFACE PLAN FOR LOCATION, AMP ELECTRICAL PANEL (DEFAULT), ELECTRICAL					
PLAI AMP	N CHECK PERMIT REQUIRED IF LOAD EXCEED 400	4	0'	ŜF	ŔΠ	FS
			×	2 Li	1711	

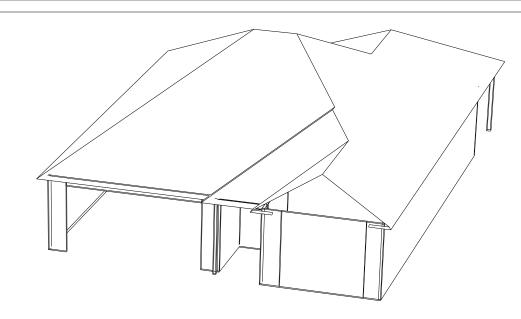


IO'X21' COVERED SCREENED PATIO AT FLOOR PLAN 'C'

# ELEVATION NOTES	
NOTE: NOT ALL KEY NOTES APPLY.	· ·
2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP 3. GJ, FLASHING	
4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED	:  <b>kb</b>  :
6. 24"x24" CHIMNEY 7. DECORATIVE VENT	HOME .
6. DECORATIVE CORBEL 9. DECORATIVE SHUTTERS	
IO, PEDIMENT, SEE ELEVATION FOR TYPE II, RECESSED ELEMENT III, RECESSED ELEMENT	
<ol> <li>DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE</li> <li>TRIM - SEE ELEVATION FOR SIZE</li> <li>SYNTHETIC MATERIAL</li> </ol>	
15, PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST,	
16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 17. SHAKE SIDING	
18, STONE VENEER PER SPECS 19, BRICK/MASONRY VENEER PER SPECS	
20, BUILT UP BRICK COLUMN	
21, SOLDIER COURSE 22, ROALOCK COURSE 23, FRIEZE BOARD	
24, SIDING W/ 4" CORNER TRIM PER SPECS 25, P.T. POST W/ MRAP - 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	4506 S. MIAMI BLVD. SUITE 180
35, ALUMINUM WRAP 36, OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS	DURHAM, NC 27703 TEL: (919) 768-7980
37. OPTIONAL STANDING SEAM METAL ROOF 38. KEYSTONE	FAX: (919) 544-2928
39, SOLDIER CROWN 40, JACK SOLDIER COURSE	
41, MATER TABLE 42, ATRIUM DOOR 43, PILASTER - SEE ELEVATION FOR TYPE	
# PARTIAL PLAN NOTES	2018 NORTH
NOTEL NOT ALL KEY NOTES APPLY. 31, +36" GUARD WALL DETAIL 84/AD5 OR 86/AD5	CAROLINA STATE
37, FLAT SOFFIT - REFER TO PLAN OR ELEVATIONS FOR HEIGHT	BUILDING
38, NOT USED 39, LINE OF CEILING BREAK	CODES
40, INTERIOR SHELF - REFER TO PLAN OR INT, ELEVS, FOR HGT,	
41, LOW WALL - REFER TO PLAN FOR HEIGHT - DETAIL 72/AD4 43, 2x6 WALL	
44, 2x6 BALLOON FRAMED WALL - REFER TO STRUCTURAL	
45. DOUBLE 2x4 WALL 46. LINE OF FLOOR ABOVE	
47, LINE OF FLOOR BELOW 48, EXTERIOR RAIL	
55, THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAN ?" GYPSIM BOARD	ISSUE DATE: 02/23/17
APPLIED TO THE GARAGE SIDE	PROJECT No.: 1350999:56
56. SEPARATION BETWEEN SECOND FLOOR AND GARAGE CEILING: PROVIDE (1) LAYER OF ?" TYPE 'X" GYPSUM BOARD, WALLS SUPPORTING SECOND FLOOR AGRAGE CEILING: PROVIDE (1) LAYER OF ?" GYPSUM BOARD	REVISIONS: 07/29/19
57. EXTERIOR SHELF - REFER TO ELEV, FOR HEIGHT 60. SECTIONAL GARAGE DOOR - VERIFY WINDOW OPTION	EXTRIBUTIONS NCISUI2NCP- 3/13/18 DS
# SLAB PLAN NOTES	ADD CRAWL SPACE
NOTE: NOT ALL KEY NOTES APPLY. I. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4* PER FT. MIN.	DIVISION REVISIONS 3 NCI8041NCP- 9/27/18 CTD
2, CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN, TOWARD DOOR OPENING,	
<ol> <li>CONCRETE FOUNDATION PER STRUCTURAL,</li> <li>CONCRETE STOOP, 36'x36' STANDARD SLOPE 1/4" PER FT, MIN.</li> </ol>	A NCI9015NCP/ 03/15/19 / CTD     DIVISION REVISIONS
5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT, MIN, AWAY FROM GARAGE DOOR OPENING,	B 5 NCI9017NCP/ 03/22/19 / CTD B OIVISION REVISIONS
6. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND, VERIFY LOCATION,	CIPITISION REVISIONS
<ol> <li>5" BRICK LEDGE FOR MASONRY VENEER.</li> <li>8" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN, 12" EMBEDMENT INTO CONCRETE.</li> </ol>	85
9, 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, & I/4" MAX, TO HARD SURFACE,           I2.         A/C PAD, VERIFY LOCATION,           I3.         36" WIDE WALKWAY- SLOPE I/4" PER FT, MIN,	
15. 50 MILE WALNAT - SLOPE 1/4 PER FT, MIN,	□ PLAN: 140.1445
	140.1445
NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE	<b>8.C4</b>
NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE	SPEC. LEVEL 1
NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE	RALEIGH-DURHAM
NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE	40' SERIES





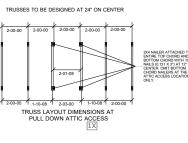


Hatch Legend HVAC

# Notes:

All Jacks Toenailed Typ. HG2 is a 1 ply girder with an interior bearing HG1 is a 2 ply girder-clear span

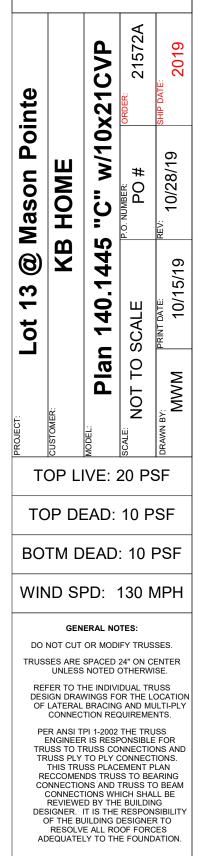
THE PURPOSE OF THIS DETAIL IS TO ILLUSTRATE HOW TO PROPERLY SPACE 24" O.C. ROOF TRUSSES TO ALLOW FOR A 25 1/2" OPENING FOR PULL DOWN ATTIC ACCESS



Truss Connector List						
Manuf Product Qty						
Simpson	HUS26	4				
Simpson	HHUS28-2	1				
Simpson	H10A	1				
Simpson	HTS20	3				
Rev 1- 0	Rev 1- Garage Left					



DEDICATED TO QUALITY AND EXCELLENCE 200 EMMETT ROAD DUNN, NORTH CAROLINA 28334 PHONE: 910-892-8400 FAX: 910-892-8384

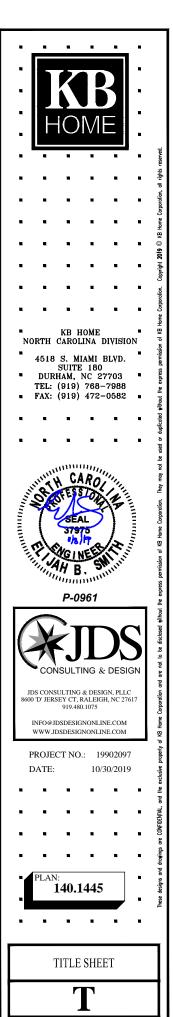


# **STRUCTURAL PLANS FOR:**



PLAN R	ELEASE / REVISIONS				1	
EV DATE	ARCH PLAN VERSION     REVISION DESCRIPTION				DRFT	
10/16/2019	140.1445 RH 2019.07.29	INITIAL SETUP OF LAYOUT			CAR CAR	
10/16/2019	140.1445 RH 2019.07.29		CREATED LOT-SPECIFIC STRUCTURAL LAYOUT FROM MASTER PLAN AND EWP LAYOUT			
10/30/2019	140.1445 LH 2019.07.29	REVERSED LSP FROM RH TO L	.H		CAR	
	NOTES		CODE	ENGINEER OF RECORD		

NOTES	CODE	ENGINEER OF R
<ol> <li>ENGINEER'S SEAL APPLIES TO STRUCTURAL COMPONENTS ONLY. ENGINEER'S SEAL DOES NOT CERTIFY DIMENSIONAL ACCURACY OR ARCHITECTURAL LAYOUT, INCLUDING ROOF GEOMETRY. JDS CONSULTING &amp; DESIGN, PLLC ASSUMES NO LIABILITY FOR CHANGES MADE TO THESE PLANS BY OTHERS, OR FOR CONSTRUCTION METHODS, OR FOR ANY DEVIATION FROM THE PLANS. ENGINEER TO BE NOTIFIED PRIOR TO CONSTRUCTION IF ANY DISCREPANCIES ARE NOTED ON THE PLANS.</li> <li>DIMENSIONS SHALL GOVERN OVER SCALE, AND CODE SHALL GOVERN OVER DIMENSIONS.</li> <li>DIMENSIONS SHALL GOVERN OVER DIMENSIONS.</li> <li>PLANS MUST HAVE SIGNED SEAL TO BE VALID AND ARE LIMITED TO THE FOLLOWING USES:</li> <li>PLANS MUST HAVE SIGNED SEAL TO BE VALID AND ARE LIMITED TO THE FOLLOWING USES:</li> <li>IF THESE PLANS ARE ISSUED AS A MASTER-PLAN SET, THE SET IS VALID FOR 18 MONTHS FROM THE DATE ON THE SEAL, UNLESS ANY CODE-REQUIRED UPDATES ARE PLACED IN EFFECT BY THE MUNICIPALITY.</li> <li>IF THESE PLANS ARE NOT ISSUED AS A MASTER-PLAN SET, THE SET IS VALID FOR A CONDITIONAL, ONE-TIME USE FOR THE LOT OR ADDRESS SPECIFIED ON THE TITLE BLOCK.</li> </ol>	ALL CONSTRUCTION, WORKMANSHIP, AND MATERIAL QUALITY AND SELECTION SHALL BE PER: 2018 NORTH CAROLINA STATE BUILDING CODE: RESIDENTIAL CODE	JDS CONSULTING & DESIGN, PLLO ENGINEERING, BUILDING DESIGN, CONSULTING SERVICES 8600 'D' JERSEY COURT RALEIGH, NC 27617 PROJECT REFERENCE: 19902097



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

### GENERAL

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

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

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

# DESIGN LOADS

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

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

KS

KING STUD COLUMN

ABBREVIATIONS

ADDK	EVIATIONS		KING STOD COLONIN
		LVL	LAMINATED VENEER
ABV	ABOVE		LUMBER
AFF	ABOVE FINISHED FLOOR	MAX	MAXIMUM
ALT	ALTERNATE	MECH	MECHANICAL
BRG	BEARING	MFTR	MANUFACTURER
BSMT	BASEMENT	MIN	MINIMUM
CANT	CANTILEVER	NTS	NOT TO SCALE
CJ	CEILING JOIST		OVERALL
CLG	CEILING		ON CENTER
CMU	CONCRETE MASONRY UNIT	PT	PRESSURE TREATED
со	CASED OPENING	R	RISER
COL	COLUMN	REF	REFRIGERATOR
CONC	CONCRETE	RFG	ROOFING
CONT	CONTINUOUS	RO	ROUGH OPENING
D	CLOTHES DRYER	RS	ROOF SUPPORT
DBL	DOUBLE	SC	STUD COLUMN
DIAM			SQUARE FOOT (FEET)
DJ	DOUBLE JOIST		SHELF / SHELVES
DN	DOWN		SHEATHING
DP	DEEP	SHW	SHOWER
DR		SIM	SIMILAR
DSP	DOUBLE STUD POCKET		SINGLE JOIST
	EACH		STUD POCKET
EE	EACH END		SPECIFIED
EQ	EQUAL	SQ	SQUARE
EX	EXTERIOR	т	TREAD
FAU	FORCED-AIR UNIT	TEMP	TEMPERED GLASS
	FOUNDATION	THK	TEMPERED GLASS THICK(NESS)
FF	FINISHED FLOOR	тJ	TRIPLE JOIST
FLR	FLOOR(ING)	тос	TOP OF CURB / CONCRETE
FP	FIREPLACE	TR	TRIPLE RAFTER
FTG	FOOTING	ТҮР	TYPICAL
нв	HOSE BIBB	UNO	UNLESS NOTED OTHERWIS
HDR	HEADER	w	CLOTHES WASHER
HGR	HANGER	WH	WATER HEATER
JS	JACK STUD COLUMN	WWF	WELDED WIRE FABRIC
		XJ	EXTRA JOIST

# MATERIALS

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

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

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

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

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

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

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

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

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

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

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

### FOUNDATION

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

# FRAMING

- 3.
  - STRUCTURAL COMPONENTS.
  - CONSTRUCTION
  - LUMBER

    - DETAILS.
  - SPECIFICATIONS

  - C.

  - DRAWINGS.

  - EACH END OF FLITCH BEAM

  - SHALL BE MET.

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

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

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

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

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

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

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

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

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

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

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

ENGINEERED WOOD 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. B. TRUSS PROFILES SHALL BE SEALED BY THE TRUSS

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

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

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

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

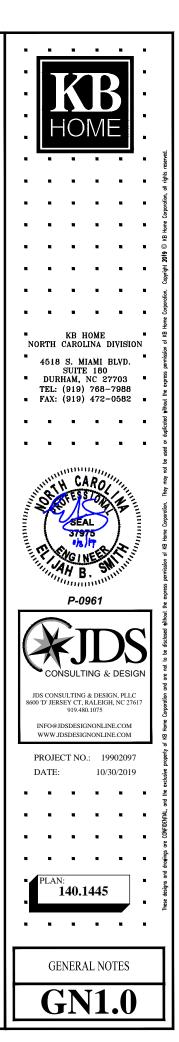
12. STEEL FLITCH BEAMS TO BE BOLTED TOGETHER USING (2) ROWS OF 1/2" DIAMETER BOLTS (ASTM 307) WITH WASHERS PLACED UNDER THE THREADED END OF THE BOLT. BOLTS TO BE SPACED AT 24" OC (MAX) AND STAGGERED TOP AND BOTTOM OF BEAM (2" EDGE DISTANCE, WITH TWO BOLTS TO BE LOCATED AT 6" FROM

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

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

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

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



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

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

DETAILS AND NOTES ON DRAWINGS GOVERN.

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

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

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

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

## ROOF SYSTEMS

TRUSSED ROOF - STRUCTURAL NOTES

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

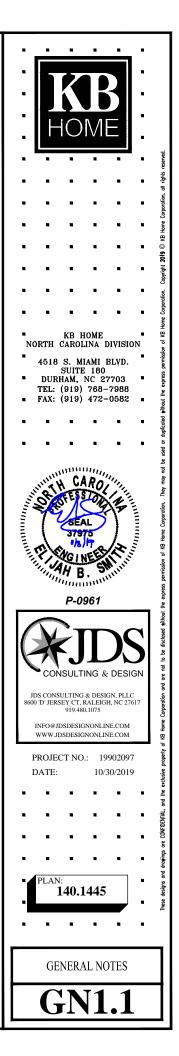
STICK-FRAMED ROOF - STRUCTURAL NOTES

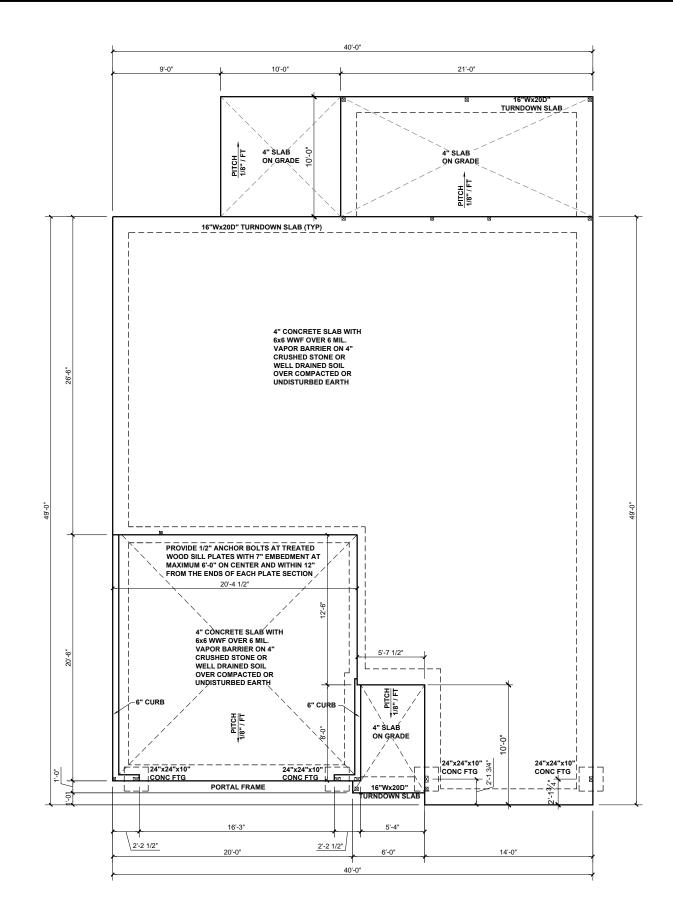
- 1. PROVIDE 2x4 COLLAR TIES AT 48" OC AT UPPER THIRD OF RAFTERS, UNLESS NOTED OTHERWISE.
- 2. FUR RIDGES FOR FULL RAFTER CONTACT.
- 3. PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.
- 4. DENOTES OVER-FRAMED AREA
- 5. MINIMUM 7/16" OSB ROOF SHEATHING
- PROVIDE 2x4 RAFTER TIES AT 16"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

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

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

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





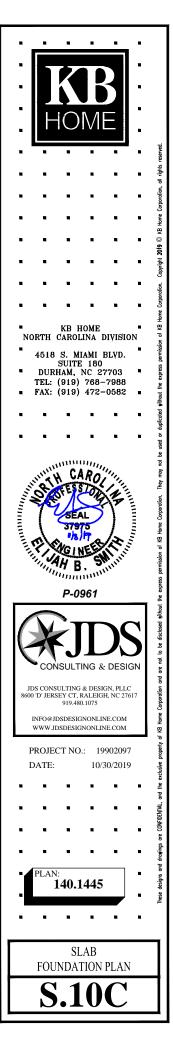
**SLAB FOUNDATION PLAN - 'C'** 

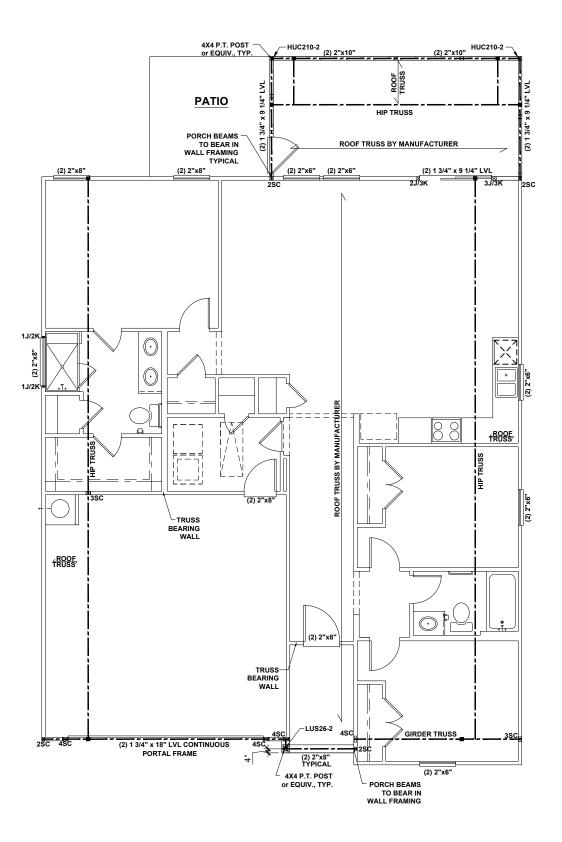
SCALE: 1/8"=1'-0"

### BEAM & POINT LOAD LEGEND

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

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





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

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

### BEAM & POINT LOAD LEGEND

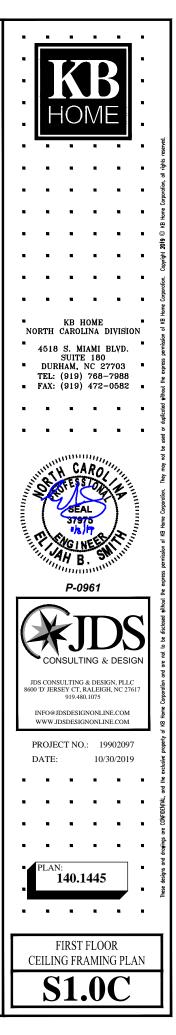


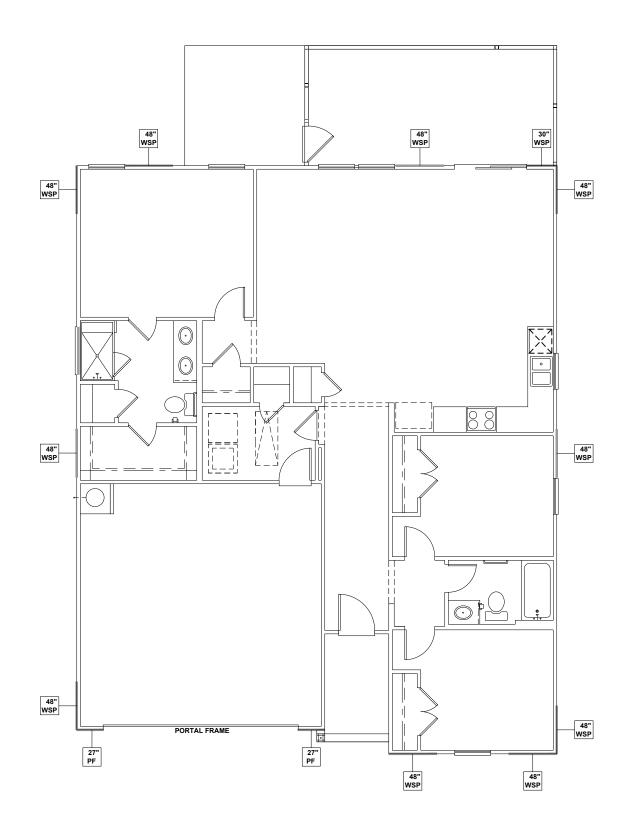
INTERIOR LOAD BEARING WALL ----- ROOF RAFTER / TRUSS SUPPORT DOUBLE RAFTER / DOUBLE JOIST STRUCTURAL BEAM / GIRDER WINDOW / DOOR HEADER POINT LOAD TRANSFER POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

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

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

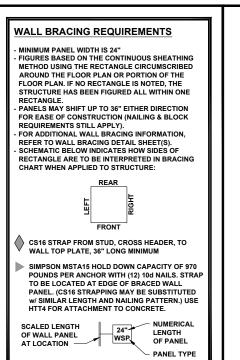
ALL FLUSH BEAMS TO BE DIRECTLY SUPPORTED BY (2) 2X\_STUDS UNLESS OTHERWISE NOTED. STUD COLUMNS TO BE SUPPORTED BY SOLID BLOCKING TO FOUNDATION OR TO BEARING COMPONENT BELOW.





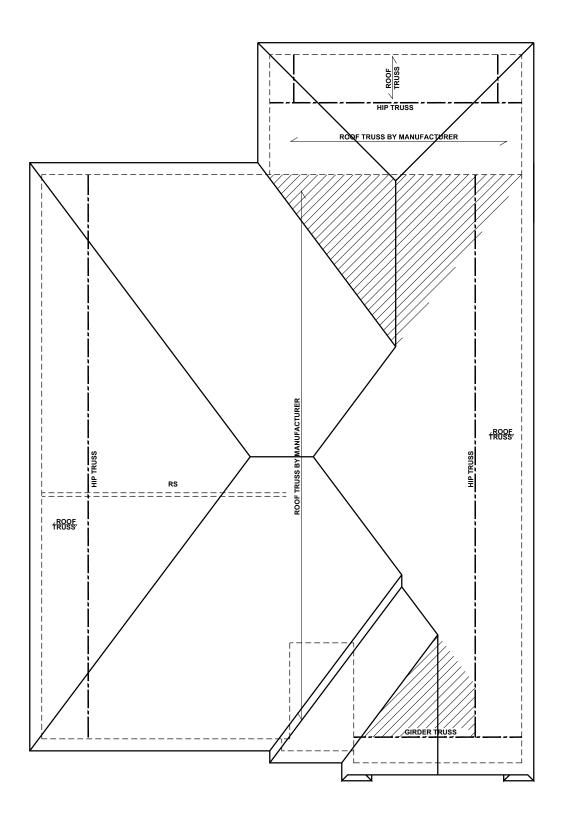
FIRST FLOOR WALL BRACING PLAN - 'C'

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



WALL BRACING: RECTANGLE 1			
SIDE	REQUIRED LENGTH	PROVIDED LENGTH	
FRONT	6.5 FT.	17.0 FT.	
RIGHT	5.5 FT.	12.0 FT.	
REAR	6.5 FT.	10.5 FT.	
LEFT	5.5 FT.	12.0 FT.	





**ROOF FRAMING PLAN - 'C'** 

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

BEAM & POINT LOAD LEGEND         INTERIOR LOAD BEARING WALL         ROOF RAFTER / TRUSS SUPPORT         DUBLE RAFTER / DOUBLE JOIST         STRUCTURAL BEAM / GIRDER         WINDOW / DOOR HEADER         POINT LOAD TRANSFER         POINT LOAD TRANSFER         BEARING ON BEAM / GIRDER	
	l a a a a a sidu
TRUSSED ROOF - STRUCTURAL NOTES 1. PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.	Copyright 2019 © 18 Home Corporation, oil rights reserved
2. DENOTES OVER-FRAMED AREA	C Heme e e e e e e e e e e e e e e e e e e
3. MINIMUM 7/16" OSB ROOF SHEATHING	S 2 2 3 2
INITIAL STATUS     INTERNATION OF OUR 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.	KB HOME KB HOME NORTH CAROLINA DIVISION 4518 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703 TEL: (919) 768-7988 FAX: (919) 472-0582
5. MANUFACTURER TO PROVIDE REQUIRED UPLIFT CONNECTION.	4518 S. MIAMI BLYD. SUITE 180 DURHAM, NC 27703
6. PROVIDE H2.5A (MINIMUM) OR EQUIVALENT AT EACH TRUSS-TO-TOP PLATE CONNECTION AT OVER-FRAMED AREAS, UNLESS NOTED OTHERWISE.	TEL: (919) 768-7988 a FAX: (919) 472-0582 y
7. UPLIFT CONNECTION TO BE CARRIED THROUGH TO FLOOR SYSTEM.	d d a a a a a a a a a a a a a a a a a a
TRUSS UPLIFT CONNECTORS: EXPOSURE B, 115 MPH, ANY PITCH, 24" O.C. MAX ROOF TRUSS SPACING         TRUSSES SHALL BE ATTACHED TO SUPPORT WALL FOR UPLIFT RESISTANCE. CONTINUOUS OSB WALL SHEATHING BELOW PROVIDES CONTINUOUS UPLIFT RESISTANCE TO FOUNDATION. ALL TRUSSES SUPPORTED BY INTERMEDIATE SUPPORT WALLS, KNEEWALLS, OR BEAMS SHALL BE ATTACHED TO SUPPORTING MEMBER PER SCHEDULE:         ROOF SPAN IS MEASURED HORIZONTALLY BETWEEN FURTHEST SUPPORT POINTS.         ROOF PLAN UP TO 28'       CONNECTOR NAILING PER TABLE 602.3(1) NCRBC 2018 EDITION         OVER 28'       (1) SIMPSON H2.5A HURRICANE CLIP TO DBL TOP PLATE OR BEAM         OR (1) SIMPSON H3 CLIP TO SINGLE 2x4 PLATE	Promotion       Bestimination         Bestimination       Bestiminating and a strest and a strest and a strest and a strest
	ROOF FRAMING PLAN
	<b>S7.0C</b>

