

NORTH CAROLINA 50' SERIES PLAN 149.2115-R

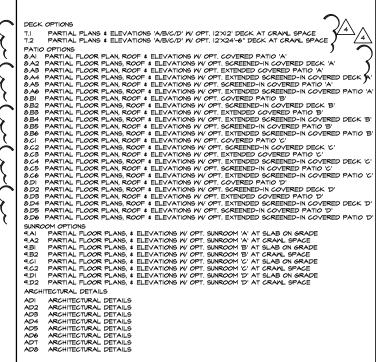
ARCH. SYMBOLS

ABBREVIATIONS

SHEET INDEX



SQUARE FOOTAGE



CODE INFORMATION



NORTH CAROLINA 50' SERIES

KB HOME

NORTH CAROLINA DIVISION 1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560 m TEL: (919) 768-7969 m

2018 NORTH **CAROLINA STATE** BUILDING **CODES**

ABV.	ABOVE	G.F.I.	GROUND-FAULT R.C	ROUGH OPENING	1				PLAN 149.2115-R					$\overline{}$			
A/C	AIR CONDITIONING	•	CIRCUIT		1		<u>OWNER:</u>	FIRST FLOOR AREA	FLAN 1972HD-R	2121	SQ. FT.	APPLI	CABLE C	ODES:) 🛆	CODE	E ABBREVIATIONS	s
ADJ.	ADJUSTABLE		INTERRUPTER				KB HOME	FIRST FLOOR AREA		2106	5Q. FT.	2018 NO	RTH CAROLII	A STATE 2	N.CR	NORTH CAROLINA RESID	DENTIAL CODE
ALT.	ALTERNATE	G .I.	GALVANIZED IRON S.C.	SMOKE DETECTOR		BUILDING SECTION	NORTH CAROLINA DIVISION 4518 S. MIAMI BLVD., SUITE 180	TOTAL ADEA		2124		BUILDING	CODE: RESI	DENTIAL /	N.CB.	NORTH CAROLINA BUILD	
AMP.	AMPERAGE	GL.	GLASS		A ←	SECTION INDICATOR	DURHAM, NC 27703	TOTAL AREA		2106			CLUDING REF		N.CM.	NORTH CAROLINA MECH	HANICAL CODE
BD.	BOARD	GYP. BD.	GIFSUM BOARD	SINGLE HUNG			TEL. (919) 768-7988 FAX. (919) 472-0582	GARAGE AREA		423	SQ. FT.	CODES A	AND STANDAR	79	N.CP.	NORTH CAROLINA PLUM	
4	CENTER LINE	H.C.	HOLLON CORE	. SHEET	\ #.# ₹	SHEET NUMBER	1 AX. (-11-1) + 12-0362	PORCH AREA(S)	ELEVATION 'A'		l				N.CF.	NORTH CAROLINA FUEL	
CAB.	CABINET	HDR.	TILADER GUT						ELEVATION 'A'	80 70	5Q. FT. 5Q. FT.				N.CE.	NORTH CAROLINA ELEC	
CLG.	CEILING	HGT. / HT	. HEIGHI		1	DETAIL REFERENCE	STRUCTURAL ENGINEER :		ELEVATION 'C'	74	50. FT.					NORTH CAROLINA ENER	
	CLEAR	H.H.	HEADER HEIGHT SHA	. SHONER . SIMILAR			.IDS ENGINEERING		ELEVATION 'D'	74	5Q. FT.				N.E.C. I.C.B.O.	NATIONAL ELECTRICAL INTERNATIONAL CONFER	
CLR.	CONCRETE	HS	HORIZONTAL SIM		│	DETAIL NUMBER	543 PYLON DRIVE	PATIO AREA(S)							1.0.5.0.	OF BUILDING OFFICIALS	
CONC.	CARPET		SLIDER SL.	SLIDING	1 1	SHEET NUMBER	RALEIGH NC, 27606 TEL. (845) 803-3687		COVERED	100	SQ. FT.	PROJE	ECT DESC	RIPTION:	A.S.T.M.		R
	CERAMIC TILE	I.L.O.	IN LIEU OF SL.		ADI	SHEET NOTIBER			EXTENDED COVERED	200	SQ. FT.			Y DETACHED		TESTING MATERIALS	
C.T.		INSUL.	INSULATION STI					l	GOVERED SCREENED-IN	100	50. FT.			4 ELEVATIONS	N.F.P.A.	NATIONAL FIRE PROTECT ASSOCIATION	CTION
D.	DRYER	INT.	INTERIOR S.V			KEYNOTE REFERENCE	TRUSS DESIGN) \(\(\lambda\)	EXTENDED COVERED	, ,,,,					A.N.S.I.	AMERICAN NATIONAL ST	TANDARDS
DBL.	DOUBLE	LAM.	LAMINATED TEN					/6\	SCREENED-IN	200	SQ. FT.					INSTITUTE	
D.G.	DUAL GLAZED	LAV.	LAVATORY THE				BUILDERS FIRST SOURCE	DECK AREA(S)	\		l	<u>OCCUF</u>	PANCY:		I.E.C.C.	INTERNATIONAL ENERGY CONSERVATION CODE	7
DIA.	DIAMETER	LUM.	LUMINOUS T.O			REFERENCE NUMBER			(DECK EXTENDED DECK	144 288	SQ. FT. SQ. FT.	R3			1.0.0.	INTERNATIONAL CODE O	COUNCII
DIM.	DIMENSION	M.C.	MEDICINE CABINET T.O						SCREENED-IN DECK	144	5Q. FT.				U.L.	UNDERWRITERS LABORA	
DISP.	DISPOSAL	MFR.	MANUFACTURER T.O						EXTENDED	240	50. FT.	<u>CONST</u>	<u>TRUCTION</u>	<u>TYPE:</u>	·		
D.L.	DIVIDED LIGHT	MIN.	MINIMUM TYF			OFFSET REFERENCE		SUNROOM AREA(S)	SCREENED-IN DECK	240	5Q. F1.	V - B					
DP.	DEEP	MTD.	MOUNTED U.N.	O. UNLESS NOTED OTHERWISE	#"←	DIFFERENTIAL IN FLOOR LEVEL.		SUNROUM AREA(S)	SUNROOM	144	SQ. FT.						
DR.	DOOR	MTL.	METAL VP			OR FINISH SURFACE		3-CAR GARAGE	301110011	630	50. FT.			D EL II C	TO > T T	T C C C	
D.S.	DOWNSPOUT	N.I.C.	NOT IN CONTRACT V.P	MASHER				S-CAR GARAGE		650	50.11.			REVIS	ION L	IST	
DTL.	DETAIL	N.T.S.	NOT TO SCALE	MITH	1	REVISION REFERENCE											
D.M.	DISHWASHER	0/	OVER	MOOD				\perp				DELTA	DATE S	HEETS REVISED			LOG NUMBER
EA.	EACH	0.0.	OR OLIVILIA		/#\←	REVISION NUMBER		<u> </u>			<u> </u>						
ELEV.	ELEVATION	OPT.	OF HONAL	MATER HEATER		REFER TO TITLE SHEET						7 1	12/23/19 1.	, 1.3, 4.2, 4.3			NC1905TNCP
EQ.	EQUAL	0.S.A.	OUISIDE AIR	WROUGHT IRON	1							8 (01/17/20 3	AI-4, 3.B2-5, 3.C2-5, 3.D2	E 9 A DI 6 4 A 1	DI-2	NC20008NCP
EXH.	EXHAUST	配	PROPERIT LINE	WEATHER PROOF							⊢				J, U.A-DI-O, -I.A-I	D1-2	
EXT.	EXTERIOR	P.B.	FUSH BUTTON	ZZAMERTINOSI	1							9 0	<i>05/18/20</i> T	5, 5.1, 5.2			NC20024NCP
FAU	FORCED AIR UNIT	PH.	PHONE									10 0	08/20/20 I.	, 1.2, 1.3, 4.1, 5.2			CORP20003CORP
F.C.	FIBER CEMENT	PLT.	PLATE		1 00	ALE MOTE							0/06/20 T				NG2003TNCP
F.G./FX.	FIXED GLASS	PLYMD.	PLYWOOD		I SC	ALE NOTE					—						
F.G.	FUEL GAS	PR.	PAIR									12	05/19/21 T	5, 1.1, 1.2			NC2IO32NCP
FIN.	FINISH	P.T.D.F.	PRESSURE TREATED									14 (<i>08/</i> 15/22 T	5, 1.3, 5.2			NC22049NCP
FLR.	FLOOR		DOUGLAS FIR									15 (02/16/23 T	5. I.I. I.2. 3.A3. 3.A4. 3.A6.	3BI 3B4 3B5 3	BT 3GL 3G4 3G5 3GT	NC23023NCP
FLR. LIN		R.	RISER								—						
FLUOR.	FLUORESCENT	RAD.	RADIUS										3	DI, 3.D4, 3.D5, 3.D7, 7.I, 7.	2, 8.AI, 8.A3, 8.BI,	3.B3, 8.C1, 8.C3, 8.D1, 8.D	23
FR. DR.	FRENCH DOOR	R.A.G.	RETURN AIR GRILL		I ////////////////////////////////////	OX IS I" SQ. THEN SCALE IS 1/4" = 1'-0"						16 0	09/19/23 T	5., 3.AI-I, 3.B2-I, 3.C2-I, 3.1	D2-1, 4.2-1 (NEW SI	HEETS)	NC23058NCP
F.M.C.	FLOOR MATERIAL CHANGE	REF.	REFRIGERATOR		IF Bo	OX IS 1/2" SQ. THEN SCALE IS 1/8" = 1'-0"						17	IO/3I/23 T	5, I.I-I.3, 3.A2, 3.B3, 3.C3, 3.D	8, 5.I, 5.2,		NC23075NCP
			RE-SAWN														
FTG.	FOOTING	RE/S											А	A2. 8.A4-8.A6. 8.B2. 8.B4-8	B6. 8.C2. 8.C4-8.C6	8.D2. 8.D4-8.D6	
GA.	FOOTING GAUGE 5P. GARBAGE DISPOSAL	REV.	REVERSE ROOM								F		8	A2, 8.A4-8.A6, 8.B2, 8.B4-8	.B6, 8.C2, 8.C4-8.C6	o, 8.D2, 8.D4-8.D6	

UTILITY PLANS

CONSULTANTS

5.1 FIRST FLOOR UTILITY PLANS
5.2 FIRST FLOOR UTILITY PLAN OPTIONS
5.3 FIRST FLOOR UTILITY PLAN OPTIONS

PROJECT No.: 1350999:57 DIVISION MGR.: REVISIONS: 12/23/19

HOME OFFICE CORP20003CORP/- 08/20/20 CTD II

DIMENSION REVISION NC221032NCP · 05/19/21 · KBA DIVISION REVISION
NC2106INCP - 11/19/21 - KBA

DIVISION REVISION
NC22049NCP · 08/15/22 · KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

149.2115-R

SHEET:

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 LAMS, STATUTES, THE MOST RECENT BUILDING CODES, ORDINANCES, RULES, REGULATIONS, AND LAMFUL ORDINES OF ALL PUBLIC AUTHORITIES HAVING JURISDICTION OVER OWNER, CONTRACTOR, THE PROJECT, THE PROJECT STE, THE WORK, OR THE PROSECUTION OF THE WORK.
- THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT AND ALI OTHER APPLICABLE CODE REQUIREMENTS RELATING TO SAFETY.
- THE FAIR HOUSING AMENDMENTS ACT, THE AMERICANS WITH DISABILITIES 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 OWNERS REPRESENTATIVE ANY ERRORS, INCONSISTENCIES, OR OMISSIONS IN THE CONSTRUCTION DOCUMENTS OR INCONSISTENCIES WITH APPLICABLE CODE REQUIREMENTS OR SERVED BY THE CONTRACTOR.
- IF CONTRACTOR PERFORMS WORK WHICH HE KNOWS OR SHOULD KNOW IS IF CONTRACTOR PENFORMS WORK WHICH HE KNOWS ON SHOULD KNOW IS CONTRARY TO APPLICABLE CODE REQUIREMENTS, WITHOUT THE AGREEMEN OF OWNER, CONTRACTOR SHALL BE RESPONSIBLE FOR SUCH WORK AND SHALL BEAR THE RESULTANT LOSSES, INCLUDING, WITHOUT LIMITATION, THE COSTS OF CORRECTING DEFECTIVE WORK.
- CONTRACTOR SHALL PROVIDE CERTIFICATES OF INSURANCE ACCEPTABLE TO OWNER PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR SHALL TAKE FIELD MEASUREMENTS, VERIFY FIELD CONDITIONS, AND CAREFULLY COMPARE WITH THE CONSTRUCTION DOCUMENTS SUCH FIELD MEASUREMENTS, CONDITIONS, AND OTHER INFORMATION KNOWN TO CONTRACTOR BEFORE COMMENCING THE WORK. ERRORS, INCONSISTENCIES, OR OMISSIONS DISCOVERED AT ANY TIME SHALL BE PROMPTLY REPORTED IN WRITING TO THE OWNER.
- CONTRACTOR SHALL PROMPTLY NOTIFY OWNER'S REPRESENTATIVE THE WORK THAT THE CONSTRUCTION DOCUMENTS ARE NOT IN COM-PLIANCE WITH APPLICABLE CODE REQUIREMENTS.
- BY SUBMITTAL OF BID. CONTRACTOR WARRANTS TO OWNER THAT ALL MATERIALS AND EQUIPMENT TO BE FURNISHED ARE NEW UNLESS NOTED OTHERWISE AND ALL WORK WILL BE OF GOOD QUALITY AND FREE FROM FAULTS AND DEFECTS.
- SUB-CONTRACTORS SHALL INSURE THAT ALL MORK IS DONE IN A PROFESSIONAL WORKMANLIKE MANNER BY SKILLED MECHANICS AND SHALL REPLACE ANY MATERIALS OR ITEMS DAMAGED BY SUB-CONTRACTOR'S PERFORMANCE. SUB-CONTRACTOR'S AND SUPPLIERS ARE HEREBY NOTIFIED THAT THEY ARE TO CONTRACTORS AND SUPPLIERS ARE HEREBY NOTIFIED THAT THEY ARE TO CONTRER AND COOPERATE FULLY WITH EACH OTHER DURING THE COURSE OF CONSTRUCTION TO DETERMINE THE EXACT EXTENT AND OVERLAR OF EACH OTHERS WORK AND TO SUCCESSFULLY COMPLETE THE EXECUTION OF THE WORK. ALL SUB-CONTRACTOR WORKMANSHIP SHALL BE OF GUALLTY TO PASS INSPECTIONS BY LOCAL AUTHORITIES, LENDING INSTITUTIONS, ARCHITECT OR BUILDER. ANY ONE OR ALL OF THE ABOVE MENTIONED INSPECTORS MAY INSPECT NORKMANSHIP AT ANY TIME, AND CORRECTIONS NEEDED TO ENHANCE THE GUALITY OF BUILDING WILL BE DONE IMMEDIATELY. EACH SUBCONTRACTOR, UNLESS SPECIFICALLY EXEMPTED BY THE TERMS OF HIS/HERS SUB-CONTRACT AGREEMENT, SHALL BE RESPONSIBLE FOR CLEANING UP AND REMOVING FROM THE JOB SITE ALL TRASH AND DEBRIS NOT LIETT BY OTHER SUB-CONTRACTORS. BUILDER WILL DETERMINE HOW SOON AFTER SUB-CONTRACTORS. SUB-CONTRACTORS SHALL INSURE THAT ALL WORK IS DONE IN A
- APPROVAL BY THE BUILDING INSPECTOR DOES NOT MEAN APPROVAL OR ALLOWABLE FAILURE TO COMPLY WITH THE PLANS AND SPECIFICATIONS.

 ANY DESIGN WHICH FAILS TO BE CLEAR OR IS AMBIGUOUS MUST BE
 REFERRED TO THE ARCHITECT OR ENGINEER FOR INTERPRETATION
- ALL EQUIPMENT AND MATERIALS FURNISHED AND INSTALLED UNDER THESE PLANS SHALL BE GUARANTEED BY THE CONTRACTOR FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE OF THE WORK BY OWNER UNLESS STIPULATED OTHERWISE.
- ALL TRADE NAMES AND BRAND NAMES CONTAINED HEREIN ESTABLISH QUALITY STANDARDS. SUBSTITUTIONS ARE PERMITTED, WITH PRIOR APPROVAL BY THE OWNERS 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.
- CONSTRUCTION DOCUMENTS IDENTIFIED AS "BID SET" ON ANY OR ALL SHEETS MAY BE SUBJECT TO REVIEW. THIS REVIEW MAY RESULT IN CHANGES WHICH MAY BE MADE TO THE PLANS PRIOR TO THE ISSUANCE OF THE FINAL CONSTRUCTION SET WHICH WILL CONTAIN NO "BID SET" DESIGNATIONS, CONSTRUCTION DOCUMENTS IDENTIFIED AS "BID SET" ARE NOT TO BE CONSTRUCTION SET WHICH THE COMPLETED OR FINAL DRAWINGS AND THEY SHOULD NOT IN ANY WAY BE USED AS SUCH.
- ALL STANDARD NOTES CONTAINED HEREIN ARE TYPICAL UNLESS NOTED OTHERWISE.
- 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 TO BE USED ON OTHER WORK

SITE WORK

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

SITE WORK (continued)

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

CONCRETE

- REFER TO STRUCTURAL ENGINEERING CALCULATIONS AND SOILS REPORT FOR THE PERFORMANCE REQUIREMENTS FOR CONCRETE FOUNDATIONS.
- CONCRETE SHALL BE PROPORTIONED TO PROVIDE AN AVERAGE COMPRESSIVE STRENGTH AS PRESCRIBED IN THE N.C.-R, AS WELL AS SATISFY THE DURABILITY CRITERIA OF THE N.C.-R
- MIXING OF CONCRETE SHALL BE PERFORMED IN ACCORDANCE
- THE DEPOSITING OF CONCRETE SHALL COMPLY WITH THE PROVISIONS ACI 318. SECTION 5.10.
- THE CURING OF CONCRETE SHALL BE IN ACCORDANCE WITH ACI 318, SECTION 5.11.
- ALL FORM WORK SHALL BE DESIGNED, CONSTRUCTED, UTILIZED, AND REMOVED.
- CONDUIT, PIPES AND SLEEVES OF ANY MATERIAL NOT HARMFUL TO CONCRETE AND WITHIN THE LIMITATIONS OF ACI 318, SECTION 6.3, ARE PERMITTED TO BE EMPEDDED IN CONCRETE WITH APPROVAL OF THE REGISTERED DESIGN PROFESSIONAL.
- CONSTRUCTION JOINTS INCLUDING THEIR LOCATION SHALL COMPLY WITH THE PROVISIONS OF ACI 318, SECTION 6.4.
- ALL STEEL REINFORCING OF CONCRETE SHALL BE DONE IN ACCORDANCE WITH THE N.C.-R
- TOP OF CONCRETE SLABS TO BE A MINIMUM 4" W/ MASONRY VENEER 6" ELSEWHERE (8" H.J.D.) ABOVE FINISH GRADE.
- FOUNDATION WIDTHS, DEPTHS, AND REINFORCING, AS SHOWN ON PLANS, ARE SUPERCEDED BY ANY LOCAL CODES OR ORDINANCES WHICH REQUIRE INCREASES OF THE SAME.
- ALL REINFORCEMENT, CONDUIT, OUTLET BOXES, ANCHORS, HANGERS ALL ALIMPOPACEMENT, CONDUIT, DUTLET BOXES, ANCHORS, HANGERS, SLEEVES, BOLTS OR OTHER EMBEDDED MATERIALS AND ITHEM MUST BE SECURED AND APPROPRIATELY FASTENED IN THEIR PROPER LOCATIONS PRIOR TO THE PLACEMENT OF CONCRETE. SUB-CONTRACTOR SHALL VERIFY INSTALLATION OF HOLD-DOWNS, ANCHOR BOLTS, PA STRAPS, AND OTHER ANCHORAGE MATERIAL AND ITEMS PRIOR TO PLACEMENT OF CONCRETE.
- POST-TENSION SLABS, IF APPLICABLE:
- 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.

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
- STONE VENEER UNITS NOT EXCEEDING 5 INCHES IN THICKNESS SHALL BE ANCHORED DIRECTLY TO MASONRY, CONCRETE OR TO STUD DE ANOMORED DIRECTLY TO MASONRY, CONCRETE OR TO ST CONSTRUCTION BY ONE OF THE APPROVED METHODS LISTED IN THE N.C.-R
- MORTAR FOR USE IN MASONRY CONSTRUCTION SHALL COMPLY WITH ASTM C 270. THE TYPE OF MORTAR SHALL BE IN ACCORDANCE WITH THE N.C.-R AND SHALL MEET THE PROPORTION SPECIFICATIONS
- GROUT SHALL CONSIST OF FIBER CEMENT MATERIAL AND AGGREGATE IN ACCORDANCE WITH ASTM C 476 AND THE PROPORTION SPECIFICATIONS
- AGGREGATES FOR MORTAR AND GROUT SHALL BE NATURAL SAND AND ROCK CONFORMING TO A.S.T.M. C-144-04 (MASONRY MORTAR, MORTAR) AND
- 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
- 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 SHALNOT BE GREATER THAN THE LENGTH OF THE THREADS ON THE BOLTS.
- FASTENERS FOR PRESERVATIVE-TREATED AND FIRE-RETARDANT-TREATED MOOD SHALL BE OF HOT-DIPPED ZINC COATED GALVANIZED STEEL. STAINLESS STEEL, SILCON BRONZE OR COPPER VERIEY ACCEPTABLE FASTENERS FER CHEMICALS USED IN PRESSURE PRESERVITIVELY TREATED MOOD W N.C.-R. FASTENINGS FOR WOOD FOUNDATIONS SHALL BE AS REGUIRED IN AF4PA TECHNICAL REPORT NO. 7.

WOOD & FRAMING

- 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.
- ALL LUMBER SHALL MEET THE STANDARDS OF QUALITY AS STATED IN THE N.C.-R
- LUMBER AND PLYWOOD REQUIRED TO BE PRESSURE PRESERVATIVELY TREATED IN ACCORDANCE WITH THE N.C.-R. AND SHALL BEAR THE QUALITY MARK OF AN APPROVED INSPECTION AGENCY THAT MAINTAINS CONTINUING SUPTERVISION, 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 MOOD PROGRAM
- ALL LUMBER SIZES NOTED AND SPECIFIED ON PLANS ARE NOMINAL SIZES UNLESS SPECIFICALLY INDICATED AS NET SIZE.

GLUE LAMINATED LUMBER

- REFER TO THE STRUCTURAL ENGINEER'S CURRENT NOTES, CALCULATIONS, AND SPECIFICATIONS.
- 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 DIRABLE 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 IB INCHES, OR MOOD GIRDERS WHEN CLOSER THAN 12 INCHES TO THE EXPOSED PROLIND IN CRANL SPACES OR INEXCAVATED AREAS LOCATED MITHIN THE PERIPHERY OF THE BUILDING FOUNDATION.
- ALL EXTERIOR SILLS &PLATES THAT REST ON CONCRETE OR MASONRY 5 EXTERIOR FOUNDATION WALLS.
- SILLS AND SLEEPERS ON A CONCRETE OR MASONRY, UNLESS THE SLAB THAT IS IN DIRECT CONTACT WITH THE GROUND IS SEPARATED FROM THE GROUND BY AN APPROVED IMPERVIOUS MOISTURE BARRIER.
- THE ENDS OF WOOD GIRDERS ENTERING EXTERIOR MASONRY OR CONCRETE MALLS HAVING CLEARANCES OF LESS THAN 0.5 INCH ON TOPS, SIDES AND ENDS.
- MOOD SIDING AND SHEATHING ON THE EXTERIOR OF A BUILDING HAVING A CLEARANCE OF LESS THAN 6 INCHES FROM THE GROUND.
- WOOD STRUCTURAL MEMBERS SUPPORTING MOISTURE-PERMEABLE FLOORS OR ROOFS THAT ARE EXPOSED TO THE MEATHER, SUCH AS CONCRETE OR MASONRY SLABS, UNLESS SEPARATED FROM SUCH FLOORS OR ROOFS BY ANIMPERVIOUS MOISTURE BARRIER.
- WOOD FURRING STRIPS OR OTHER WOOD FRAMING MEMBERS ATTACHED 2. DIRECTLY TO THE INTERIOR OF EXTERIOR MASONRY WALLS OR CONCRETE WALLS BELOW GRADE EXCEPT WHERE AN APPROVED VAPOR RETARDER IS APPLIED BETWEEN THE WALL AND THE FURRING 5. STRIPS OR FRAMING MEMBERS.
- ALL PORTIONS OF A PORCH, SCREEN PORCH OR DECK FROM THE BOTTOM OF THE HEADER DOWN, INCLIDING 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
- UNDER-FLOOR AREAS SHALL BE VENTILATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE N.C.-R

MOOD & FRAMING (continued)

- WOOD STRUCTURAL PANELS SHALL CONFORM TO THE REQUIREMENTS AS SET FORTH IN THE N.C.-R
- ROOF SHEATHING PANELS SHALL BE LAID WITH FACE GRAIN OR STRENGTH AXIS PERPENDICULAR TO SUPPORTS AND WITH PANEL CONTINUOUS OVER TWO OR MORE SPANS.
- ROOF SHEATHING SHALL BE IN ACCORDANCE WITH THE N.C.-R
- FLOOR SHEATHING PANELS SHALL BE LAID WITH FACE GRAIN OR STRENGTH AXIS PERPENDICULAR TO SUPPORTS AND WITH PANEL CONTINUOUS OVER TWO OR MORE SPANS.
- STRUCTURAL FLOOR SHEATHING SHALL COMPLY WITH THE PROVISIONS OF THE N.C.-R
- REFER TO THE STRUCTURAL ENGINEER'S CURRENT SPECIFICATIONS, CALCULATIONS, AND PLANS FOR REQUIRED STRENGTH, GRADE, AND THICKNESS FOR PLYMODOF FLOOR SHEATHING PANELS AND FOR DIAPHRAGM NAILING AND ADHESIVE REQUIREMENTS.
- 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 MINIMUM OF 11/2 INCH THICKNESS.
- WHERE APPLICABLE, REFER TO THE SHEAR WALL SCHEDULE FOR REQUIRED STRENGTH, GRADE, AND THICKNESS OF PLYMOOD SHEAR PANELS AND FOR REQUIRED SHEAR WALL NAILING SCHEDULE.
- IN ONE- AND TWO-FAMILY DWELLING CONSTRUCTION USING HARD BOARD OR ALUMINUM AS A SOFFIT MATERIAL, THE SOFFIT MATERIAL SHALL BE SECURELY ATTACHED TO FRAMING MEMBERS AND USE AN UNDERLAYMENT MATERIAL OF EITHER FIRE RETARDANT TREATED WOOD, 23/92 INCH MOOD SHEATHING OR 5/6 INCH GYPSUM BOARD. VENTING REQUIREMENTS APPLY TO BOTH SOFFIT AND UNDERLAYMENT AND SHALL BE PER SECTION ROOF OF THE NORTH CAROLINA RESIDENTIAL CODE. WHERE THE PROPERTY LINE IS OF BEET OR MORE FROM THE SULDING FACE, THE PROVISIONS OF THIS CODE SECTION DO NOT APPLY.

FLOOR FRAMING

- ALL FLOOR JOISTS SHALL BE DESIGNED I-JOIST WOOD FLOOR TRUSSES. REFER TO MANUFACTURER FOR ALL LAYOUTS AND CALCULATIONS.
- REFER TO THE STRUCTURAL ENGINEER'S CURRENT PLANS & CALCULATIONS POR SIZE, SPACING, AND ANCHORAGE OF ALL FLOOR JOISTS, SIZE, LOCATION, AND ANCHORAGE OF ALL FLOOR BEAMS AND HEADERS, AND ALL RELATED FRAMING ISSUES.

ROOF FRAMING

- ROOF FRAMING SHALL BE BY PRE-MANUFACTURED ROOF TRUSSES SPACED AT 24 INCHES ON CENTER UNLESS NOTED OTHERWISE.
- WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE N.C.-R
- THE MANUFACTURER SHALL SUPPLY TO THE ARCHITECT AND BUILDER CALCULATIONS AND SHOP DRAWINGS FOR APPROVAL OF DESIGN LOADS, CONFIGURATION (2 OR 3 POINT BEARING), VOLUME CEILING OPTIONS, AND SHEAR TRANSFER, PRIOR TO FABRICATION.
- THE BRACING OF WOOD TRUSSES SHALL COMPLY TO THEIR APPROPRIATE ENGINEERED DESIGN. PER THE N.C.-R
- TRUSS MEMBERS SHALL NOT BE CUT, NOTCHED, DRILLED, SPLICED OR OTHERWISE ALTERED IN ANY WAY WITHOUT THE APPROVAL OF A RESISTERED 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 PREMITTED WITHOUT WRITTEN VERIFICATION THAT THE TRUSS IS CAPABLE OF SUPPORTING SUCH ADDITIONAL LOADING.
- ALL CALCULATIONS AND SHOP DRAWINGS SHALL BE SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHEREIN THE PROJECT IS TO BE BUILT.
- MANUFACTURER IS TO SECURE BUILDING DEPARTMENT APPROVAL OF CALCULATIONS AND SHOP DRAWINGS PRIOR TO FABRICATION.

MALL FRAMING

- THE SIZE, HEIGHT, AND SPACING OF STUDS SHALL BE IN ACCORDANCE WITH THE N.C.-R
- STUDS SHALL BE PLACED WITH THEIR WIDE DIMENSION PERPENDICULAR TO THE WALL.
- NOT LESS THAN THREE STUDS SHALL BE INSTALLED AT EACH CORNER OF AN EXTERIOR WALL.
- WOOD STUD WALLS SHALL BE CAPPED WITH A DOUBLE TOP PLATE INSTALLED TO PROVIDE OVERLAPPING AT CORNERS AND INTERSECTIC WITH BEARING PARTITIONS, END JOINTS IN TOP PLATES SHALL BE OFFSET AT LEAST 24 INCHES, JOINTS NEED NOT OCCUR OVER STUDS. PLATES SHALL BE KOT LESS THAN 2-INCHES NOTMALL THICKNESS AND VE A WIDTH AT LEAST EQUAL TO THE WIDTH OF THE STUDS. SEE
- WHERE JOISTS, TRUSSES OR RAFTERS ARE SPACED MORE THAN 16 INCHES ON CENTER AND THE BEARING STUDS BELOW ARE SPACED 24 INCHES ON CENTER, SUCH NEMBERS SHALL BEAR WITHIN 5 INCHES OF THE STUDS BENEATH, SEE EXCEPTIONS.
- 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.
- INTERIOR NONREARING WALLS SHALL BE PERMITTED TO BE CONSTRUCTED INITERIOR NONBEARING WALLS SHALL BE PERMITTED TO BE CONSTRUCT 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 IG INCHES ON CENTER, INTERIOR NONBEARING WALLS SHALL BE CAPPED WITH AT LEAST A SINGLE TOP PLATE INTERIOR NONREARIN SHALL BE EIREBLOCKED IN ACCORDANCE WITH THE N.C.-R

WOOD & FRAMING (continued)

- DRILLING AND NOTHCING OF STUDS SHALL BE IN ACCORDANCE WITH THE
- NOTHCING, ANY STID IN AN EXTERIOR WALL OR BEARING PARTITION MAY BE CUT OR NOTCHED TO A DEPTH NOT EXCEEDING 25 PERCENT OF ITS WIDTH, STUDS IN NONBEARING PARTITIONS MAY BE NOTCHED TO A DEPTH NOT TO EXCEED 40 PERCENT OF A SINGLE STUD WIDTH, NOTCHING OF BEARING STUDS SHALL BE ON ONE EDGE ONLY 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 WIDTH, THE EDGE OF THE HOLE IS NO MORE THAN 5/8" INCH TO THE EDGE OF THE STUD, AND THE HOLE SHALL NOT BE CLOSER THAN 6 INCHES FROM AN ADJACENT HOLE OR NOTCH, HOLES NOT EXCEEDING 3/4 INCH DIAMETER CAN BE AS CLOSE AS I I/2 INCHES ON CENTER SPACING, STUDD LOCATED IN EXTERIOR MALLS 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 PERCENT OF THE NIDTH OF THE STUD IN EXTERIOR AND INTERIOR MALLS AND BEARING PARTITIONS, PROVIDED THAT ONE OF THE FOLLOWING CONDITIONS ARE MET:

 (a) THE WALL SECTION IS REINFORCED WITH 1/2-INCH EXTERIOR GRADE PLYWOOD OR EQUIVALENT REINFORCEPHENT ON THE NOTCHED SIDE OF THE WALL PLYWOOD, IF USED, SHALL REACH FROM THE FLOOR TO CEILING AND AT LEAST ONE STUD PIRTHER ON EACH SIDE OF THE SECTION THAT HAS BEEN NOTCHED OR CUT.

 (b) THE EXTERIOR WALLS OF A KITCHEN MAY BE REINFORCED BY PILACING 1/2-INCH PLYWOOD OR EQUIVALENT REINFORCEMENT ON THE NOTCHED SIDE OF THE MALL, PLYWOOD, IF USED, SHALL REACH FROM THE FLOOR TO COUNTER-TOP HEIGHT AND AT LEAST ONE STUD PIRTHER ON EACH SIDE OF THE SECTION THAT HAS BEEN NOTCHED OR CUT.
- WHEN PIPING OR DUCTWORK IS PLACED IN OR PARTIALY IN AN EXTERIOR OR INTERIOR LOAD-BEARING WALL, NECESSITATION CUTTING, DRILLING OR NOTCHING OF THE TOP PLATE B MORE THAN 50 PERCENT OF ITS WIDTH A GALVANIZED METAL TIE OF NOT LESS THAN 0.054 INCH THICK AND 1/2" INCHES WIDE SHALL BE FASTENED ACROSS AND TO THE PLATE AT EACH SIDE OF THE OPENING WITH NOT LESS THAN EIGHT IOU NAILS HAVING A MINIMUM LENGTH OF 1 1/2 INCHES (36 MM) AT EACH SIDE OR EQUIVALENT. THE METAL TIE MUST EXTEND A MINIMUM OF 6 INCHES PAST THE OPENING
- HEADERS SHALL MEET THE REQUIREMENTS OF THE N.C.-R.
- PROVIDE LATERAL BRACING PER THE N.C.-R
- FOUNDATION CRIPPLE WALLS SHALL MEET THE REQUIREMENTS OF THE
- 14. WOOD STUD WALLS SHALL BE BRACED AS REQUIRED BY THE N.C.-R
- UNLESS COVERED BY INTERIOR OR EXTERIOR WALL COVERINGS OR VILLED COVERED BY INTERIOR OR EXTERIOR WALL COVERINGS OR SHEATHING MEETING THE MINIMUM REQUIREMENTS OF THIS CODE, ALL STUD PARTITIONS OR WALLS MITH STUDS HAVING A HEIGHT-TO-LEAST THICKNESS RATIO EXCEEDING SO SHALL HAVE BRIDGING NOT LESS THAN 2 INCHES IN THICKNESS AND OF THE SAME MIDTH AS THE STUDS FITTED SNUSLY AND NAILED THERETO TO PROVIDE ADEQUATE LATERAL SUPPORT.

FIRE BLOCKS AND DRAFT STOPS

- 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 REVITED IN WOOD-FRAME CONSTRUCTION IN THE LOCATIONS SPECIFIED IN THE N.C.-R
- FIRE BLOCKING SHALL CONSIST OF 2 INCHES NOMINAL LUMBER, OR TWO THICKNESSES OF I-INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS, OR ONE THICKNESS OF 23/92-INCH WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 23/92-INCH WOOD STRUCTURAL PANELS OR ONE THICKNESS OF 3/4-INCH PARTICLEDARD WITH JOINTS BACKED BY 3/4-INCH PARTICLEDARD WITH JOINTS BACKED BY 3/4-INCH PARTICLEDOARD WITH JOINTS BACKED BY 3/4-INCH CEMENT-BASED WILL PARTICLEDOARD, I/2-INCH GYPSOM BOARD, OR I/4-INCH CEMENT-BASED WILL PARTICLEDARD.
- BATTS OR BLANKETS OF MINERAL WOOL OR GLASS FIBER OR OTHER APPROVED MATTERIALS INSTALLED IN SUCH A MANNER AS TO BE SECURELY PETAINED IN PLACE SHALL BE PERMITTED AS AN ACCEPTABLE FIRE BLOCK.
- BATTS OR BLANKETS OF MINERAL OR GLASS FIBER OR OTHER APPROVED NON-RIGID MATERIALS SHALL BE FERMITTED FOR COMPLIANCE WITH THE 10 FOOT HORIZONTAL FIREBLOCKING IN WALLS CONSTRUCTED USING PARALLEL ROMS OF STUDS OR STAGGERED STUDS. LOOSE FILL INSULATION MATERIAL SHALL NOT BE USED AS A FIREBLOCK WILLESS SPECIFICALLY TESTED IN THE FORM AND MANNER INTENDED FOR USE TO DEMONSTRATE IT'S ABILLITY 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 [JOOD 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.

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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NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION 1800 PERIMETER PARK DRIVE

SUITE 140 MORRISVILLE, NC 27560 m TEL: (919) 768-7969 m

2018 NORTH CAROLINA STATE BUILDING **CODES**

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ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57 DIVISION MGR.: DS

REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD ... ADD NOTE TO 'TS'
NC20037NCP - 10/06/20 - KBA

DIMENSION REVISION NC221032NCP - 05/19/21 - KBA /12

DIVISION REVISION NC22049NCP - 08/15/22 - KBA DIVISION REVISION NC23023NCP - 02/16/23 - KBA

> OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD /17\

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SHEET: GN1 SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

DIVISION REVISION NC21061NCP - 11/19/21 - KBA PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

THERMAL & MOISTURE PROTECTION

- PROVIDE ALL FLASHING, COUNTER-FLASHING, BITUTHENE, MEMBRANE WATERPROOFING, SHEET METAL, CAULKING, SEALANTS, ELASTOMERIC WALKING SUFFACES, AND RAIN GUITTERS 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.
- PROVIDE A MINIMUM 2 INCH DROP FROM FINISHED INTERIOR FLOOR ELEVATION TO THE HIGHEST FLOOR ELEVATION OF ANY ADJOINING DECK OR BALCONY.
- ELASTOMERIC OR MEMBRANE DECK COATINGS SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS AT DECKS AND BALCONIES. COLOR, FINSH, 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 AND DAMPPROOFED IN ACCORDANCE WITH THE N.C.-R.
- PARAPET MALLS SHALL BE PROPERLY COPED WITH NONCOMBUSTIBLE, MEATHERPROOF MATERIALS OF A MIDTH NO LESS THAN THE THICKNESS OF THE PARAPET MALL. PARAPET COPING SHALL EXTEND 2" MINIMUM DOWN THE FACES OF THE PARAPET.

FLASHING

- ASTM C 1167.

 AS ALLED AT ALL OF THE LOCATIONS STATED IN N.C.-R.
- AT ALL WINDOW AND DOOR OPENINGS USE FORTIFIBER WATER-RESISTIVE BARRIERS, I.C.C. ESR-1027, INSTALLED PER MANUFACTURER'S SPECIFICATIONS, OR APPROVED EQUAL.
- ALL BEAMS, OUTLOOKERS, CORBELS, ETC. PROJECTED THROUGH EXTERIOR WALLS OR PENETRATING EXTERIOR FINISHES SHALL BE FLASHED WITH A MINIMUM O.019-INCH (NO. 26 SHEET METAL GAGE) CORROSION-RESISTANT METAL AND CAULKED.
- ALL SHEET METAL WORK SHALL BE PERFORMED IN ACCORDANCE ALL SHELL FIGHT ADAYS SHALL BE TENTINED IN PROCESSIONAL WITH THE RECOMMENDATIONS AND STANDARDS OF THE SHEET METAL AND AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION (SMACNA). THE ARCHITECTURAL SHEET METAL MANUAL, AND SEALANT, WATERPROOFING AND RESTORATION INSTITUTE'S (SWR.I.) GUIDE - "SEALANTS." THE PROFESSIONAL'S GUIDE".
- SHEET METAL SHALL BE STEEL SHEET, HOT-DIPPED, TIGHT COATED AND GALVANIZED, CONFORMING TO A S.T.M. A525 AND SHALL BE A NUMBER 24 SHEET METAL GAGE UNLESS OTHERNISE NOTED IN THESE NOTES, PLANS, OR MANUFACTURER'S SPECIFICATIONS.
- SHEET ALUMINUM SHALL CONFORM WITH FEDERAL SPECIFICATIONS QQ-A-359 AND A.S.T.M. B209 ALLOY 3003.
- FABRICATE SHEET METAL WITH FLAT LOCK SEAMS AND SOLDER WITH TYPE AND FLUX RECOMMENDED BY MANUFACTURER. SEAL ALUMINUM SEAMS WITH EPOXY METAL SEAM CEMENT. WHERE REQUIRED FOR STRENGTH, RIVET SEAMS AND JOINTS.
- SHOP FABRICATE TO THE GREATEST EXTENT POSSIBLE IN ACCORDANCE WITH APPLICABLE STANDARDS TO PROVIDE A PERMANENTLY WATER-PROOF, MEATHER RESISTANT INSTALLATION.
- ASPHALT SHINGLES SHALL HAVE SELF-SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 225 OR D 3462.
- BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION-RESISTANT METAL OF MINIMM MOMINAL, O/014-INCH THICKNESS OR MINERAL SURFACE ROLL ROOFING MEIGHING A MINIMM OF 77 FOUNDS PER IOO SQUARE FEET. CAP FLASHING SHALL BE CORROSION-RESISTANT METAL OF MINIMM NOMINAL O/014-INCH THICKNESS
- VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING SHINGLES, VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED AS STATED PER THE N.C.-R
- A CRICKET OR SADDLE SHALL BE INSTALLED ON THE RIDGE SIDE OF ANY CHIMNEY OR PENETRATION MORE THAN 30 INCHES MIDE AS MEASURED PERPENDICULAR TO THE SLOPE. CRICKET OR SADDLE COVERINGS SHALL BE SHEET METAL OR OF THE SAME MATERIAL AS THE ROOF COVERING. PROVIDE TLASHING AT THE INTERSECTION OF CRICKET OR SADDLE AND
- FLASHING AGAINST A VERTICAL SIDEMALL SHALL BE BY THE STEP-FLASHING METHOD PER NC-R.
- FLASHING AGAINST A VERTICAL FRONT WALL, AS WELL AS SOIL STACK VENT PIPE AND CHIMNEY FLASHING, SHALL BE APPLIED ACCORDING TO ASPHALT SHINGLE MANUFACTURER'S PRINTED INSTRUCTIONS
- AT THE JUNCTURE OF ROOF VERTICAL SURFACES, FLASHING AND COUNTERFLASHING SHALL BE PROVIDED IN ACCORDANCE WITH THE N.C.-R. AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND NHERE OF METAL, SHALL NOT BE LESS THAN O.O.I. INCH (NO. 26 GALVANIZED
- 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 COMPATIBLE WITH EACH OTHER AND WITH THE BUILDING OR STRUCTURE TO WHICH THE MATERIALS ARE APPLIED.
- ROOF COVERING MATERIALS SHALL CONFORM TO THE APPLICABLE STANDARDS LISTED IN THE N.C.-R IN THE ABSENCE OF APPLICABLE STANDARDS OR WHERE MATERIALS ARE OF QUESTIONABLE SUITABILITY, TESTING BY AN APPROVED TESTING AGENCY SHALL BE REQUIRED BY THE BUILDING OFFICIAL TO DETERMINE THE CHARACTER. QUALITY, AND LIMITATIONS OF APPLICATION OF THE MATERIALS.

THERMAL & MOISTURE PROTECTION (continued)

- ROOF COVERING MATERIALS SHALL BE DELIVERED IN PACKAGES BEARING THE MANUFACTURER'S IDENTIFYING MARKS AND APPROVED TESTING AGENCY LABELS WHEN REQUIRED. BULK SHIPMENTS OF MATERIALS SHALL BE ACCOMPANIED BY THE SAME INFORMATION ISSUED IN THE FORM OF A CERTIFICATE OR ON A BILL OF LADING BY THE MANUFACTURER
- COMPOSITION ROOFING SHINGLES SHALL BE OF ASPHALT OR APPROVED RELATED MATERIALS AND MEET THE REQUIREMED OF THE N.C.-R
- UNDERLAYMENT FOR ASPHALT SHINGLES SHALL CONFORM TO ASTM D 226 TYPE I, ASTM D 4691, TYPE I, OR ASTM D 6757. SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET SHALL COMPLY WITH ASTM D 1970
- ASPHALT SHINGLES SHALL COMPLY WITH ASTM D 225 OR ASTM D 3462.
- FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED STEEL, STAINLESS SITEL, ALUMINUM, OR COPPER ROOFING NAILS, MINIMUM (2 GAGE SHANK WITH A MINIMUM 3/6) INCH DIAMETER HEAD, ASTM F 1667, OF A LENSTH TO PENETRATE THROUGH THE ROOFING MATERIALS AND A MINIMUM OF 3/4 INCH INTO THE ROOF SHEATHING. PHERE THE ROOF SHEATHING. PHERE THE ROOF SHEATHING. PHERE THE ROOF SHEATHING. PROTECTION OF SHALL PENETRATE THROUGH THE SHEATHING. FASTENERS SHALL COMPLY WITH ASTM F 1667.
- ASPHALT SHINGLES SHALL HAVE THE MINIMUM NUMBER OF FASTENERS REQUIRED BY THE MANUFACTURER. FOR NORMAL APPLICATION, ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF INTH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE PER N.C.-R.
- UNDERLAYMENT FOR ASPHALT SHINGLES SHALL BE APPLIED IN ACCORDANCE WITH THE N.C.-R
- THE INSTALLATION OF CLAY AND CONCRETE TILE SHALL COMPLY WITH THE PROVISIONS OF N.C.-R CLAY ROOF TILE SHALL COMLY WITH ASTM C 1167.
- SLOPES OF 2 1/2 UNITS VERTICAL IN I2 UNITS HORIZONTAL (2-1/2.12)
 OR GREATER. FOR ROOF SLOPES FROM 2 1/2 UNITS VERTICAL
 IN 12 UNITS HORIZONTAL (2-1/2.12) TO FOUR UNITS VERTICAL
 IN 12 UNITS HORIZONTAL (4-1/2), DOUBLE UNDERLAYMENT APPLICATION IS REQUIRED IN ACCORDANCE WITH THE N.C.-R.
- UNDERLAYMENT FOR CLAY AND CONCRETE TILE SHALL CONFORM WITH ASTM D 226, TYPE II; ASTM D 2626 TYPE I; OR ASTM D 6380 CLASS M MINERAL SURFACED ROLL ROOFING.
- 15. CONCRETE ROOF TILE SHALL COMPLY WITH ASTM C 1492.
- NAILS SHALL BE CORROSION-RESISTANT AND NOT LESS THAN II GAGE, NAILS SHALL BE CONNOSION-RESISTANT AND NOT LESS THAN IT GASE, 516-INCH HEAD, AND OF SUFFICIENT LENGTH TO FENETRATE THE DECK A MINIMUM OF 34-INCH OR THROUGH THE THICKNESS OF THE DECK, HICHIEVER IS LESS. ATTACHING WIRE FOR CLAY OR CONCRETE TILE SHALL NOT BE SMALLER THAN O.083-INCH. PERIMETER FASTENING AREAS INCLUDE THREE TILE COURSES BUT NOT LESS THAN 36 INCHES FROM EITHER SIDE OF HIPS OR RIDGES AND EDGES OF EAVES AND GABLE RAKES.
- CLAY AND CONCRETE ROOF TILES SHALL BE FASTENED IN ACCORDANCE WITH THE N.C.-R
- TILE SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS, BASED ON CLIMATIC CONDITIONS, ROOF SLOPE, UNDERLAYMENT SYSTEM, AND TYPE OF TILE BEINS INSTALLED PER THE N.C.-R.
- THE INSTALLTION OF BUILT-UP ROOFS SHALL COMPLY WITH THE N.C.-R
- 20. BUILT-UP ROOFS SHALL HAVE A DESIGN SLOPE OF A MINIMUM OF ONE-FOUTH UNIT VERTICAL IN 12 UNITS HORIZONTAL (2-PERCENT SLOPE)
 FOR DRAINAGE, EXCEPT FOR COAL-TAR BUILT-UP ROOFS THAT SHALL
 HAVE A DESIGN SLOPE OF A MINIMUM ONE-EIGHTH UNIT VERTICAL IN
 12 UNITS HORIZONTAL (1-PERCENT SLOPE).
- 21. BUILT-UP ROOF COVERING MATERIALS SHALL COMPLY WITH THE STANDARDS PER THE N.C.-R

- 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 BIC DESIGNED AND CONSTRUCTED IN A MANNER THAT PREVENTS THE ACCUMILATION OF WATER WITHIN THE WALL ASSEMBLY BY PROVIDING A WATER-RESISTANT BARRIER BEHIND THE EXTERIOR VENEER 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.
- 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, MITH THE UPPER LAYER LAPPED OVER THE LOWER LAYER NOT LESS THAN 2 INCHES, MHERE JOINTS OCCUR, FELT SHALL BE LAPPED NOT LESS THAN 6 INCHES, THE FELT OR OTHER APPROVED MATERIAL SHALLS END TERMINATED AT PENETRATIONS AND BUILDING APPENDAGES IN A MANNER TO MEET THE REQUIREMENTS OF THE EXTERIOR WALLE NOVELOPE.
- FIBER CEMENT 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 AREA WHERE THE SUITMATE WIND SPEED SPECIFIED DOES NOT EXCEED 100 MILES PER HOUR AND THE BUILDING HEIGHT IS LESS THAN 40 FEET IN EXPOSURE C, IMPERE CONSTRUCTION IS LOCATED IN AREAS WHERE THE ULTIMATE WIND SPEED EXCEEDS 190 MILES PER HOUR OR BUILDING HEIGHTS ARE IN EXCESS OF 40 FT, DATA INDICATING COMPLIANCE MUST BE SUBMITTED. FIBER CEMENT SIDING SHALL BE SECURED TO BUILDING HOT PROVIDE MEATHER PROTECTION FOR THE EXTERIOR WALLS OF THE BUILDING.
- THE N.C.-R FIBER CEMENT SIDING SHALL BE APPLIED TO CONFORM WITH THE WEATHER-RESISTIVE BARRIER REQUIREMENTS FIBER CEMENT SIDING AND ACCESSORIES SHALL BE INSTALLED IN ACCORDANCE WITH APPROVED
- FIBER CEMENT SIDING FASTENERS AND ACCESSORIES SHALL MEET THE REQUIREMENTS OF THE N.C.-B
- EXTERIOR WALLS OF WOOD CONSTRUCTION SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE N.C.-R

THERMAL & MOISTURE PROTECTION (continued)

- HARDBOARD SIDING SHALL CONFORM TO THE REQUIREMENTS OF AHA A1956 AND, MHERE USED STRUCTURALLY, SHALL BE SO IDENTIFIED BY THE LABEL OF AN APPROVED AGENCY.
- WOOD VENEERS ON EXTERIOR WALLS OF BUILDINGS OF TYPES I, II, III, AND IV CONSTRUCTION SHALL BE NOT LESS THAN I-INCH NOMINAL THICKNESS, 0.438-INCH EXTERIOR HARDBOARD SIDING OR 0.375-INCH EXTERIOR-TYPE WOOD STRUCTURAL PANELS OR PARTICLE-BOARD AND SHALL CONFORM TO THE REQUIREMENTS OF THE N.C.-R
- FIBER-CEMENT LAP SIDING HAVING A MAXIMUM WIDTH OF 12 INCHES SHALL COMPLY WITH THE REQUIREMENTS OF ASTM CIID6, TYPE A, MINIMUM GRADE III. LAP SIDING SHALL BE LAPPED A MINIMUM OF III/4 INCHES (32 MM) AND LAP SIDING NOT HAVING TONGUE-AND-EROOVE 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 INC-R. LAP SIDING COURSES MAY BE INSTALLED WITH THE FASTENER HEADS EXPOSED OR CONCEALED, ACCORDING TO NC-R OR APPROVED MANUFACTURERS' INSTALLATION INSTRUCTIONS.

INSULATION

- INSULATING MATERIALS, INCLUDING FACINGS, SUCH AS VAPOR RETARDERS OR VAPER-PERNEABLE MEMBRANES, INSTALLED WITHIN FLOOR-CEILING ASSEMBLIES, ROPE-CEILING ASSEMBLIES, ROPE-CEILING ASSEMBLIES, ROPE-SHALL HAVE A FLAME-SPREAD INDEX NOT TO EXCEED 28 WITH AN ACCOMPANYING SMOKE-DEVELOPED INDEX NOT TO EXCEED 450 WHEN TESTED IN 15 SMOKE-DEVELOPED INDEX NOT TO EXCEED 450 WHEN TESTED IN 15 SMOKE-INDEX NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE
- DUCT INSULATION MATERIALS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS OF THE N.C.-R
- INSULATION AND COVERING ON PIPE AND TUBING SHALL HAVE A FLAME-SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 450. SEE EXCEPTIONS.
- ALL EXPOSED INSULATION MATERIALS INSTALLED ON ATTIC FLOORS SHALL HAVE A CRITICAL RADIANT FLUX OF NOT LESS THAN 0.12 WATT PER SQUARE 17. CENTIMETER PER N.C.-R TESTS FOR CRITIAL RADIANT FLUX SHALL BE MADE IN ACCORDANCE WITH ASTM E 970.
- THE USE OF ABOVE DECK THERMAL INSULATION SHALL BE PERMITTED 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 CELLOSE LOGAND 1404. EACH PACKAGE 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 ASSEMBLIES, WALLS, CRAVIL SPACES OR ATTICS SHALL BE EITHER OF THE BLOWN-IN CELLULOSE TYPE OR FIBERGLASS BATTS OR BLANKET TYPE PER BUILDER'S SPECIFICATIONS.
- THE ENERGY EFFICIENCY REQUIREMENTS INCLUDING I.E.C.C. BUT NOT LIMITED TO INSULATION "R" VALUES, PERCENTAGE OF GLAZING "U" VALUES, ETC. SHALL BE DETERMINED BY THE ADOPTED STATE AND LOCAL ENERGY CODE EQUIREMENTS, REFER TO MECHANICAL PLANS FOR SPECIFICATIONS.
- THE BUILDING THERMAL ENVELOPE SHALL BE DURABLY SEALED WITH AN AIR BARRIER SYSTEM TO LIMIT INFILTRATION. THE SEALING METHODS BETWEEN DISSIMILAR MATERIALS SHALL ALLOW FOR DIFFERENTIAL EXPANSION AND CONTRACTION. FOR ALL HOMES, INHERE PRESENT, THE FOLLOWING SHALL BE CAULKED, GAKETED, WEATHERSTRIPPED OR OTHERWISE SEALED WITH AN AIR BARRIER MATERIAL OR SOLID MATERIAL CONSISTENT WITH APPENDIX E-23 AND E-24 OF THE IX-R.

 I. BLOCKING AND SEALING FLOOR/CEILING SYSTEMS AND INDER KINES MALLOR CORNEL OF EXTENDING PROPERTY. KNEE WALLS OPEN TO UNCONDITIONED OR EXTERIOR SPACE. 2. CAPPING AND SEALING SHAFTS OR CHASES, INCLUDING FLUE 31. 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 INSULATION SHALL BE ENCLOSED AT THE FOLLOWING LOCATIONS WHEN NSTALLED ON EXTERIOR WALLS PRIOR TO BEING COVERED BY SUBSEC CONSTRUCTION, CONSISTENT WITH APPENDIX E-2.3 AND E-2.4 OF NC-R:
- I. TUBS
 2. SHOWERS
 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 MINDOWS AND FOR ANY DIVIDED LITE PATTERNS, COLORS SHALL BE APPROVED BY THE BUILDER AND ARCHITECT.
- OPENINGS FROM A PRIVATE GARAGE DIRECTLY INTO A ROOM USED FOR SLEEPING PURPOSES SHALL NOT BE PERMITTED. OTHER OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL EQUIPPED WITH SOLID WOOD DOORS NOT LESS THAN 13/6 INCHES IN THICKNESS, SOLID OF HONEYCOMS CORE STELL DOORS NOT LESS
- NO DOUBLE FRENCH DOORS SHALL BE USED UNLESS THERE IS A SUFFICIENT OVERHANG OR COVERED PATIO COVERING THESE DOORS. NO DOUBLE MOOD FRENCH DOORS SHALL BE USED IN ANY CASE.
- PROVIDE SECURITY HARDWARE FOR ALL DOORS AND WINDOWS MANCE 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 PRECAUTION TO PREVENT THE DOOR FROM CLOSING WHEN SOMETHING IS BLOCKING THE PATH OF THE DOOR. SEE MANUFACTURER'S
- ALL MANUFACTURED WINDOWS AND SLIDING GLASS DOORS SHAL MEET THE AIR INFILTRATION STANDARDS OF THE CURRENT AMERICAN
 FIBER CEMENT SIDING SHALL BE APPLIED OVER SHEATHING OR MATERIALS LISTED INATIONAL STANDARDS INSTITUTE A.S.T.M. E283-73 WITH A PRESSURE DIFFERENTIAL OF 1.57 POUNDS PER SQUARE FOOT AND SHALL BE CERTIFIED AND LABELED
 - BASEMENTS, HABITABLE ATTICS AND EVERY SLEEPING ROOM SHALL HAVE AT LEAST ONE OPENABLE EMERGENCY ESCAPE AND RESCUE OPENING
 - WHERE EMERGENCY ESCAPE AND RESCUE OPENINGS ARE PROVIDED THEY SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44 INCHES ABOVE
 - EMERGENCY ESCAPE AND RESCUE OPENINGS WITH A FINISHED SILL HEIGHT BELOW THE ADJACENT GROUND ELEVATION SHALL BE PROVIDED WITH A MINDOM WELL

DOORS & WINDOWS (continued)

- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF NOT LESS THAN 5 SQUARE FEET IN THE CASE OF ROUND FLOOR LEVEL 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 T CLEAR OPENING HEIGHT OF 24 INCHES.
- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING WIDTH OF 20 INCHES.
- EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL BE OPERATIONAL FROM THE INSIDE OF THE ROOM MITHOUT THE USE OF KEYS, TOOLS OR SPECIAL KNOWLEDGE.
- THE MINIMUM HORIZONTAL AREA OF THE WINDOW WELL SHALL BE 9 SQUARE FEET, MITH A MINIMUM HORIZONTAL PROJECTION AND WIDTH OF 36 INCHES. THE AREA OF THE MINDOW WELL SHALL ALLOW ENERGENCY ESCAPE AND RESCUE OPENING TO BE FULLY OPENED PER THE N.C.-R. THE LADDER OR STEPS REQUIRED SHALL BE PERMITTED TO ENCROACH A MAXIMUM OF 6" INTO THE REQUIRED DIMENSIONS OF THE MINDOW WELL.
- MINDOW WELLS MITH A VERTICAL DEPTH GREATER THAN 44 INCHES SHALL BE EQUIPPED WITH A PERMANENTLY AFFIXED LADDER OR STEPS USABLE WITH THE MINDOW IN THE FULLY OPEN POSITION.
- BARS, GRILLES, COVERS, SCREENS OR SIMILAR DEVICES ARE PERMITTED TO BARS, GRILLES, COVERS, SCREENS OR SIMILAR DEVICES ARE PERMITTED TO BE PLACED OVER EMERGENCY ESCAPE AND RESCUE OPENINGS, BULKHEAD ENCLOSURES, OR NINDOM WELLS THAT SERVE SUCH OPENINGS, PROVIDED THE MINIMAN NET CLEAR OPENING SIZE COMPLIES WITH THE NC.-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 DOOR SHALL BE READILY OPENABLE FROM THE SIDE FROM WHICH ESPE 19 TO BE MADE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

GLAZING & SAFETY GLAZING

- HABITABLE ROOMS SHALL HAVE AN AGGREGATE GLAZING AREA OF NOT LESS THAN 8 PERCENT OF THE FLOOR AREA OF SUCH ROOMS, NATURAL VENTILATION SHALL BE THROUGH WINDOWS, SKYLIGHTS, DOORS, LOUVERS OR OTHER APPROVED OPENINGS TO THE OUTDOOR AIR. SUCH OPENINGS SHALL BE PROVIDED WITH READY ACCESS OR SHALL OTHERWISE BE READILY CONTROLLABLE BY THE BUILDING OCCUPANTS. THE OPENABLE AREA TO THE OUTDOORS SHALL BE NOT LESS THAN 4 PERCENT OF THE FLOOR AREA BEING VENTILATED
- BATHROOMS, WATER CLOSET COMPARTMENTS AND OTHER SIMILAR MINDONS OF NOT LESS THAN 3 SQUARE FEET, ONE-HALF OF WHICH MUST BE OPENABLE.
- EXCEPT AS INDICATED, EACH PANE OF GLAZING INSTALLED IN HAZARDOUS LOCATIONS SHALL BE PROVIDED WITH MANUFACTURER'S DESIGNATION SPECIFYING MHO APPLIED THE DESIGNATION, DESIGNATING THE TYPE OF GLASS AND THE SAFETY GLAZING STANDARD WITH MHICH IT COMPLIES, WHICH IS VISIBLE IN THE FINAL INSTALLATION. THE DESIGNATION SHALL BE ACID ETCHED, SANDBLASTED, CERAMIC-FIRED, LASER ETCHED, EMBOSSED, OR BE OF A TYPE WHICH ONCE APPLIED CANNOT BE REMOVED WITHOUT SEING DESIGNATION. BEING DESTROYED.
- INDIVIDUAL GLAZED AREAS, INCLUDING GLASS MIRRORS IN HAZARDOUS LOCATIONS SHALL PASS THE TEST REQUIREMENTS OF CPSC 16 CFR, PART 1201. GLAZING SHALL COMPLY WITH CPSC 16.
- THE FOLLOWING SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSES OF GLAZING:
- GLAZING IN ALL FIXED AND OPERABLE PANELS OF SWINGING,
- SUDING AND BIFOLD DOORS
 SLIDING AND BIFOLD DOORS
 SLAING IN AN INDIVIDUAL PIXED 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 FLOOR OR NALKING
- GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL THAT MEETS ALL OF THE FOLLOWING CONDITIONS:
- 3.1 EXPOSED AREA OF AN INDIVIDUAL PANE LARGER THAN 9 SQUARE
- 3.2 BOTTOM EDGE LESS THAN 18 INCHES ABOVE THE FLOOR.
- 3.3 TOP EDGE MORE THAN 36 INCHES ABOVE THE FLOOR 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 VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE.
- GLAZING IN WALLS AND FENCES ENCLOSING INDOOR AND OUTDOOR SWIMMING POOLS, HOT TUBS AND SPAS WHERE THE BOTTOM EDGE O THE GLAZING IS LESS THAN 60 INCHES ABOVE A WALKING SURFACE AND WITHIN 60 INCHES HORIZONTALLY OF THE WATER'S EDGE. THIS LL APPLY TO SINGLE GLAZING AND ALL PANES IN MULTIPLE
- GLAZING ADJACENT TO STAIRWAYS, LANDINGS AND RAMPS WITHIN 36 INCHES HORIZONTALLY OF A WALKING SURFACE WHEN THE EXPOSED SURFACE OF THE GLAZING IS LESS THAN 36 INCHES ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE.
- GLAZING ADJACENT TO THE LANDING AT THE BOTTOM OF STAIRWAYS WHERE THE GLAZING IS LESS THAN 36 INCHES ABOVE THE LANDING AND WITHIN A 60-INCH HORIZONTAL ARC LESS THAN 160 DEGREES FROM THE BOTTOM TREAD NOSING.
- HINGED SHOWER DOORS SHALL OPEN OUTWARD.
- GLAZING SHALL BE IN ACCORDANCE WITH ENERGY COMPLIANCE CALCULATIONS BASED ON A LOCALLY ADOPTED ENERGY CODE THE MODEL ENERGY CODE OR THE INTERNATIONAL ENERGY CONSERVATION CODE.
- LOCATED MORE THAN 12 INCHES (1629 MM) ABOVE THE FINISHED GRADE OR SURFACE BELOW, THE LOWEST PART OF THE CLEAR OPENING OF THE WINDOW SHALL BE A MINIMUM OF 24 INCHES (610 MM) ABOVE THE FINISHED FLOOR OF THE ROOM IN WHICH THE WINDOW IS LOCATED, OPERABLE SECTIONS OF WINDOWS SHALL NOT PERMIT OPENING PASSAGE OF A 4 INCH (IO2 MM) DIAMETER SPHERE WHERE SUCH OPENINGS ARE LOCATED WITHIN 24 INCHES (610 MM) OF THE FINISHED FLOOR

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

FINISHES

- GYPSUM WALLBOARD SHALL BE INSTALLED IN CONFORMANCE WITH THE CURRENT EDITION OF THE NORTH CAROLINA RESIDENTIAL CODE AND ALL STATE AND LOCAL BUILDING CODES. THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.
- MATERIALS. ALL GYPSIM BOARD MATERIALS AND ACCESSORIES SHALL CONFORM TO A STM C 22, C 475, C 314, C 1002, C 1047, C 1176, C 1177, C
- GYPSUM BOARD MATERIALS SHALL CONFORM TO THE APPROPRIATE STANDARDS LISTED IN THE N.C.-R WHERE REQUIRED FOR FIRE PROTECTION, CONFORM TO THE N.C.-R
- INTERIOR GYPSUM BOARD SHALL NOT BE INSTALLED WHERE IT IS DIRECTLY EXPOSED TO THE WEATHER OR TO WATER.
- ALL EDGES AND ENDS OF GYPSUM BOARD SHALL OCCUR ON THE FRAMING MEMBERS, EXCEPT THOSE EDGES AND ENDS THAT ARE PERPENDICULAR TO THE FRAMING MEMBERS. EDGES AND ENDS OF GYPSUM BOARD SHALL BE IN MODERATE CONTACT EXCEPT IN CONCEALED SPACES WHERE FIRE-RESISTACE-RATED CONSTRUCTION, SHEAR RESISTANCE, OR PIRAMENDA ACTION IS NOT REQUIRED, CEALED SPACES WHERE FIRE-RESISTACE-RATED CONSTRUCTION.
- FASTENERS AT THE TOP AND BOTTOM PLATES OF VERTICAL ASSEMBLIES, FASIENCES AT THE TOP AND BOTTOM FLATES OF VERTICAL ASSEMBLIES, OR THE EDGES AND ENDS OF HORIZONTAL ASSEMBLIES PERFENDICULAR TO SUPPORTS, AND AT THE MALL LINE MAY BE OMITTED EXCEPT ON SHEAR-RESISTING ELEMENTS OR FIRE- RESISTIVE ASSEMBLIES, FASTENERS SHALL BE APPLIED IN SUCH A MANNER AS NOT TO FRACTURE THE FACE PAPER WITH THE FASTENER HEAD.
- GYPSUM BOARD USED AS THE BASE OR BACKER FOR ADHESIVE APPLICATION OF CERAMIC TILE OR OTHER REQUIRED NON-ABSORBENT FINISH MATERIAL SHALL CONFORM TO ASTM C 1946, C 1175 OR C1275, USE OF WATER-RESISTANT GYPSUM 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, GUT OR EXPOSED EDGES, INCLUDING THOSE AT WALL INTERSECTIONS, SHALL BE SEALED AS RECOMMENDED BY THE MANUFACTURER.
- MATER RESISTANT GYPSUM BACKING BOARD SHALL NOT BE USED WHERE THERE WILL BE DIRECT EXPOSURE TO WATER, OR IN AREAS SUBJECT TO CONTINUOUS HIGH HUMDITY.
- WHEN APPLYING A WATER-BASED TEXTURE MATERIAL. THE MINIMUM SYPSIM 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 GYPSIM CEILING BOARD SHALL BE USED.

- ALL LATH AND LATH ATTACHMENTS SHALL BE OF CORROSION-RESISTANT MATERIAL.
- BACKING OR A LATH SHALL PROVIDE SUFFICIENT RIGIDITY TO PERMIT PLASTER APPLICATION.
- WHERE LATH ON VERTICAL SURFACES EXTENDS BETWEEN RAFTERS OR OTHER SIMILAR PROJECTING MEMBERS, SOLID BACKING SHALL BE INSTALLED TO PROVIDE SUPPORT FOR LATH AND ATTACHMENTS.
- GYPSUM LATH OR GYPSUM BOARD SHALL NOT BE USED, EXCEPT THAT ON HORIZONTAL SUPPORTS OF CEILINGS OR ROOF SOFFITS IT MAY BE USED AS BACKING FOR METAL LATH OR WIRE FABRIC LATH AND CEMENT PLASTER. UNLESS SPECIFIED OTHERWISE, ALL WALL COVERINGS SHALL BE SECURELY
- UNLESS SPECIFIED OF HERWISE, ALL WALL COVENINGS SHALL BE SECURELY FASTENED PER THE N.C.-R. OR NITH OTHER APPROVED ALIMINM, STAINLESS STEEL, ZINC-COATED OR OTHER APPROVED CORROSION-RESISTIVE FASTENERS, WHERE THE BASIC MIND SPEED IS 110 MILES PER HOUR OR HIGHER, THE ATTACHMENT OF WALL COVERINGS SHALL BE DESIGNED TO RESIST THE COMPONENT AND CLADDING LOADS SPECIFIED AND ADJUSTED FOR HEIGHT AND EXPOSURE. A MINIMUM O.OI9-INCH (NO. 26 GALVANIZED SHEET GAGE),
- A MINIMUM O.014-INCH (NO. 26 SALVANIZED SHEET GASE), CORROSION-RESISTANT WEEP SCREED OR PLASTIC WEEP SCREED, WITH A MINIMUM VERTICAL ATTACHMENT FLANGE OF 31/2 INCHES SHALL BE PROVIDED AT OR BELOW THE FOUNDATION PLATE LINE ON EXTERIOR STUD WALLS IN ACCORDANCE WITH ASTM C 926. THE WEEP SCREED SHALL BE PLACED A MINIMUM OF 4 INCHES ABOVE THE EARTH OR 2 INCHES ABOVE PAVED ARRENT OR PARIL 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 FLANG OF THE WEEP SCREED.

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 MASONEY, CONCRETE, PRESSURE-PRESERVATIVE TREATED WOOD OR DECAY-RESISTANT WOOD OR GYPSUM BACKING. IF THE PLASTER SURFACE IS COMPLETELY COVERED BY VENEER OR OTHER FACING MATERIAL OR IS COMPLETELY CONCEALED, PLASTER APPLICATION NEED BE ONLY TWO COATS, PROVIDED THE TOTAL THICKNESS IS AS SET FORTH PER THE N.C.-R.

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

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

- ONLY APPROVED PLASTICITY AGENTS AND APPROVE AMOUNTS THEREOF MAY BE ADDED TO PORTLAND CEMENT. WHEN PLASTIC CEMENT IS USED, NO ADDITIONAL INFO OR PLASTICIZERS SHALL BE ADDED. HYDRATED LIME OR THE EQUIVALENT AMOUNT OF LIME FUTTY USED AS A PLASTICIZER WAY BE ADDED TO CEMENT PLASTER. OR CEMENT AND LIME PLASTER IN AN AMOUNT NOT TO EXCEED THAT
- GYPSUM PLASTER SHALL NOT BE USED ON EXTERIOR SURFACES
- PLASTER COATS SHALL BE PROTECTED FROM FREEZING FOR A PERIOD OF NOT LESS THAN 24 HOURS AFTER SET HAS OCCURRED PLASTER SHALL BE APPLIED WHEN THE AMBIENT TEMPERATURE IS HIGHER THAN 40 DEGREES F (4 DEGREES C), UNLESS PROVISIONS ARE MADE TO KEEP CEMENT PLASTER WORK ABOVE 40 DEGREES (4 DEGREES C), PRIOR TO & DURING APPLICATION AND 48 HOURS
- 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



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2018 NORTH **CAROLINA STATE** BUILDING **CODES**

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MECHANICAL & PLUMBING

- ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN CONFORMANCE NITH 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 SYSTEMS MUST BE DESIGNED AND DUCT WORK SIZED TO ACCOMMODATE FUTURE AIR CONDITIONING NEEDS.
- WHERE THE PRIMARY HEATING SYSTEM IS A FORCED-AIR FURNACE, AT LEAST ONE THERMOSTAT PER DWELLING UNIT SHALL BE CAPABLE OF CONTROLLING THE HEATING AND COOLING SYSTEM ON A DAILY SCHEDULE TO MAINTAIN DIFFERENT TEMPERATURE SET POINTS AT DIFFERENT TIMES OF THE DAY, THIS THERMOSTAT SHALL INCLUDE THE CAPABILITY TO SET BACK OR TEMPORABLY OPERATE THE SYSTEM TO MAINTAIN ZONE TEMPERATURES DOWN TO 55 DEG. F (13 C) OR UP TO 85 DEG. F (29 C).
- 5. ALL DUCTNORK SHALL CONFORM TO THE REQUIREMENTS OF THE N.C.-R
- COMBUSTION AIR SHALL BE PROVIDED FOR FORCED AIR UNITS IN ACCORDANCE WITH N.C.-R
- CONTRACTOR TO PROVIDE BOOT IN DUCTWORK WHEN OPTIONAL "HONEYWELL" OR "CARRIER" ELECTRONIC AIR CLEANER IS PROVIDED.
- 8. DUCTS IN THE GARAGE AND DUCTS PENETRATING THE WALLS OR CEILINGS SEPARATING THE DIRELLING 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
- 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.
- IO. 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 UNITED BASE, 2-INCH (5) MIN THICK FOLIATED CONCRETE OR STACKED MASONRY UNITS HELD IN PLACE BY MORTAR OR OTHER APPROVED METHOD. THE WATER HEATER SHALL BE SUPPORTED NOT LESS THAN 2
- 12. DRAINAGE. BELOW-GRADE INSTALLATIONS SHALL BE PROVIDED WITH A NATURAL DRAIN OR AN AUTOMATIC LIFT OR SUMP PUMP. FOR PIT REQUIREMENTS REFER TO NC.-M

VENTING

- IN LIEU OF REQUIRED EXTERIOR OPENINGS FOR NATURAL VENTILATION IN BATHROOMS CONTAINING A BATHTUB, SHOVER OR COMBINATION THEREOF, A MECHANICAL VENTILATION SYSTEM MAY BE PROVIDED. THE MINIMM VENTILATION RATES SHALL BE 50 CPM FOR INTERMITTENT VENTILATION OR 20 CPM FOR CONTINUOUS VENTILATION. VENTILATION AIR FROM THE SPACE SHALL BE EXHAUSTED DIRECTLY TO THE OUTSIDE PER N.C.-R.
- 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 DEE EQUIPPED WITH A BACK-DRAFT DAMMER
 AND SHALL BE INDEPENDENT OF ALL OTHER EXHAUST SYSTEMS. DUCTS
 SERVING RANGE HOODS SHALL NOT TENHANTE IN AN ATTIC OR CRANL
 SPACE OR AREAS INSIDE THE BUILDING, DUCTS SERVING RANGE HOODS
 SHALL BE CONSTRUCTED OF GALVANIZED STEEL, STAINLESS STEEL OR
- MHERE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND WHERE MECHANICAL OR NATURAL VENTILATION IS OTHERWISE PROVIDED, LISTED AND LABELED DUCTLESS RANGE HOODS SHALL NOT BE REQUIRED TO DISCHARGE TO THE OUTDOORS PER N.C.-M
- DUCTS FOR DOMESTIC KITCHEN COOKING APPLIANCES EQUIPPED MITH DOWN DRAFT EXHAUST SYSTEMS SHALL BE PERMITTED TO BE CONSTRUCTED OF SCHEDULE 40 PVC PIPE PROVIDED THAT THINSTALLATION COMPLIES WITH ALL OF THE FOLLOWING PER N.C.
- THE DUCT SHALL BE INSTALLED UNDER A CONCRETE SLAB POURED ON GRADE.
- THE UNDERFLOOR TRENCH IN WHICH THE DUCT IS INSTALLED SHALL BE COMPLETELY BACKFILLED WITH SAND OR GRAVEL.
- THE PVC DUCT SHALL EXTEND NOT GREATER THAN I INCH ABOVE THE INDOOR CONCRETE FLOOR SURFACE.
- THE PVC DUCT SHALL EXTEND NOT GREATER THAN I INCH ABOVE GRADE OUTSIDE THE BUILDING.
- THE PVC DUCTS SHALL BE SOLVENT CEMENTED.
- EXHAUST HOOD SYSTEMS CAPABLE OF EXHAUSTING IN EXCESS OF 400 CFM SHALL BE PROVIDED WITH MAKEUP AIR AT A RATE APPROXIMATELY EQUAL TO THE EXHAUST AIR RATE THAT IS IN EXCESS OF 400 CUBIC FEET PER 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 MANUFACTURER'S INSTALLATION INSTRUCTIONS, SHALL BE VENTED TO THE OUTSIDE AIR BY A TYPE B' VENT AND COMPLY WITH THE REQUIREMENTS OF THE NC.-M

PLUMBING

- A POTABLE WATER SUPPLY SYSTEM SHALL BE DESIGNED, INSTALLED AND MAIN AINED IN SUCH A MANNER SO AS 10 HEYEN!

 CONTAINATION FROM NONPOTABLE LIQUIDS, SOLIDS OR GASES BEING INTRODUCED INTO THE POTABLE MAITER 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 All2.18.1.

MECHANICAL & PLUMBING (continued)

- ALL DEVICES, APPURTENANCES, APPLIANCES AND APPARATUS INTENDED TO SERVE SOME SPECIAL FUNCTION, SUCH AS STERLIZATION, DISTILLATION, PROCESSINS, COOLINS, OR STORAGE OF ICE OR FOODS, AND THAT CONNECT TO THE WATER SUPPLY SYSTEM, SHALL BE PROVIDED WITH PROTECTION AGAINST BACKET, DIVIN AND CONTAMINATION OF THE WATER SUPPLY SYSTEM, WATER PUMPS, FILTERS, SOFTENERS, TANKS AND ALL OTHER APPLIANCES AND DEVICES THAT HANDLE OR TREAT POTABLE WATER SHALL BE PROTECTED AGAINST CONTAMINATION.
- WATER SERVICE PIPING SHALL BE PROTECTED IN ACCORDANCE WITH N.C.-P SECTIONS AND EXCEPTIONS)
- FIXTURE FITTINGS, FAUCETS AND DIVERTERS SHALL BE CONNECTED TO THE WATER DISTRIBUTION SYSTEM SO THAT HOT WATER CORRESPONDS TO THE 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 AIL:16.11 M ADDITION TO THE REQUIREMENTS IN N.C.-P
- THE INSTALLATION OF A WATER SERVICE OR WATER DISTRIBUTION PIPE THE INSTALLATION OF A WATER SERVICE OR WATER DISTRIBUTION PIPE SHALL BE PROHIBITED IN SOIL AND SEROUND WATER THAT IS CONTAMINATED. SROUND WATER CONDITIONS SHALL BE REQUIRED TO ACCERTAIN THE ACCEPTABILITY OF THE WATER SERVICE OR WATER DISTRIBUTION PIPINS MATERIAL FOR THE SPECIFIC INSTALLATION. WHERE DETRIMENTAL CONDITIONS EXIST, APPROVED ALTERNATIVE MATERIALS OR ROJING SHALL BE REQUIRED.
- MATER DISTRIBUTION PIPE SHALL CONFORM TO NSF 61 AND SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN N.C.-PILMBING. ALL MATER DISTRIBUTION PIPE AND TUBING SHALL HAVE A MINIMUM PRESSURE RATING OF IOO PSI AT 180 DEGREES F.
- PIPE PASSING THROUGH CONCRETE OR CINDER WALLS AND FLOORS OR OTHER CORROSIVE MATERIAL SHALL BE PROTECTED AGAINST EXTERNAL CORROSION BY A PROTECTIVE SHEATHING OR WRAPPING OR OTHER MEANS THAT MILL MITHSTAND 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
- PIPING SHALL BE INSTALLED SO AS TO PREVENT DETRIMENTAL STRAINS AND STRESSES IN THE PIPE. PROVISIONS SHALL BE MADE TO PROTECT PIPING FROM DAMAGE RESULTING FROM EXPANSION, CONTRACTION AND STRICTURAL SETTLEMENT. PIPING SHALL BE INSTALLED TO AVOID STRICTURAL STRESSES OR STRAINS WITHIN BUILDING COMPONENTS.
- MATER PIPES INSTALLED IN A MALL EXPOSED TO THE EXTERIOR SHALL BE LOCATED ON THE HEATED SIDE OF THE MALL INSULATION, IN OTHER CASES, MATER, SOIL, AND PASTE PIPES SHALL NOT DE INSTALLED OUTSIDE OF A BUILDING, IN INCONDITIONED ATTICS, INCONDITIONED UTILLITY ROOMS OR IN ANY OTHER PLACE SUBJECTED TO FREEZING TEMPERATURES UNLESS ADEQUATE PROVISION IS MADE TO PROTECT SUCH PIPES FROM FREEZING BY A MINIMAM OF R-65 INSULATION DETERMINED AT 15 DEG. F IN ACCORDANCE WITH ASTM CITT OR HEAT OR BOTH OR BOTH.
 EXTERIOR WATER SUPPLY SYSTEM PIPING SHALL BE INSTALLED NOT
 LESS THAN 6 INCHES BELOW THE FROST LINE AND NOT LESS
 THAN 12 INCHES BELOW GRADE.
- BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN N.C-R.
- BUILDING SEMER PIPE FITTINGS SHALL BE APPROVED FOR INSTALLATION MITH THE PIPING MATERIAL INSTALLED AND SHALL CONFORM TO THE RESPECTIVE PIPE STANDARDS OR ONE OF THE STANDARDS LISTED IN N.C.-P.
- WHERE WASTE LINE DROPS OCCUR IN A LOCATION WHERE THE SOUND OF A FLUSHED TOILET MAY BE UNDESIRABLE, SUCH AS IN WALLS OR PARTITIONS ADJACENT TO EATING ROOMS, USE CAST IRON PIPING OR SIMILAR APPROVED HARD OR DENSE PIPING TO MITIGATE SOUND.
- CLEANOUTS ON BUILDING SEMERS SHALL BE LOCATED AS SET FORTH IN
- 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 MITH CONTROL VALVES OF THE PRESURE-BALANCE, THERMOSTATIC-MIXING OR COMBINATION PRESURE-BALANCE/THERMOSTATIC-MIXING VALVE TYPES WITH A HIGH LIMIT STOP IN ACCORDANCE WITH ASSET IGIG! AND SHALL BE INSTALLED AND ADJISTED PER MANUFACTURE'S INSTRUCTIONS.
- GAS AND ELECTRIC WATER HEATERS HAVING AN IGNITION SOURCE SHALL ELEVATED SUCH THAT THE SOURCE OF IGNITION IS NOT LESS THAN 10 INC ABOVE THE GARAGE FLOOR. REFER TO N.C.-R FOR EXCEPTION.
- MATER HEATERS, (USING SOLID, LIQUID OR GAS FUEL) WITH THE EXCEPTION OF THOSE HAVING DIRECT VENT SYSTEMS, SHALL NOT BE INSTALLED IN BATHROOMS AND BEDROOMS OR IN A CLOSET WITH ACCESS ONLY THROUGH AS BEDROOM OR BATHROOM, HOWEVER, WATER HEATERS OF THE AUTOMATIC STORAGE TYPE MAY BE INSTALLED AS REPLACEMENT IN A BATHROOM, WHEN APPROVED BY THE PLUMBING OFFICIAL, PROVIDED THEY ARE VENTED AND SUPPLIED WITH ADEQUATE COMBUSTION AIR.
- IN SEISMIC DESIGN CATEGORIES DO, DI AND D2 AND TOWNHOUSES IN SEISMIC DESIGN CATEGORY C, WATER HEATERS SHALL BE ANCHORED OR STRAPPED IN THE UPPER ONE-THIND OF THE APPLIANCE TO RESIST A HORIZONTAL FORCE EQUAL TO ONE-THIND OF THE OPERATING PICKIGHT OF THE WATER HEATER, ACTING IN ANY HORIZONTAL DIRECTION, OR IN ACCORDANCE WITH THE APPLIANCE MANUFACTURER'S RECOMMENDATIONS.
- 22. APPLIANCES LOCATED IN A GARAGE OR CARPORT SHALL BE PRO-TECTED FROM IMPACT BY A MOVING VEHICLE.
- 23. WHERE WATER HEATERS OR HOT WATER STORAGE TANKS ARE INSTALLED IN.
 REMOTE LOCATIONS SUCH AS SUSPENDED CEILING, ATTICS, ABOVE OCCUPIED
 SPACES, OR INVENTILATED CRAVIL 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 MINIMM THICKNESS OF 24 GAGE, OR OTHER PANS APPROVED FOR SUCH USE.
- WHERE CLOTHES WASHING MACHINES ARE LOCATED ON WOOD FRAMED FLOORS WHERE LEAKAGE WOULD CAUSE DAMAGE. A GALVANIZE STEEL PAN HAVING A MINIMUM THICKNESS OF 24 GAGE, OR OTHER PANS APPROVED FOR SUCH USE SHALL BE PROVIDED

MECHANICAL & PLUMBING (continued)

- APPLIANCES AND EQUIPMENT USED FOR HEATING WATER OR STORING HOT WATER SHALL BE PROTECTED BY A SEPARATE PRESSURE-RELIEF VALVE AND A SEPARATE TEMPERATURE-RELIEF VALVE OR A COMBINATION PRESSURE-AND-TEMPERATURE RELIEF VALVE, RELIEF VALVES 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 DISHMASHER SHALL BE PROTECTED AGAINST BACKFLON BY AN AIR GAP COMPLYING WITH ASME AII2.1.3 OR AII2.1.2 THAT IS INSTALLED INTEGRALLY WITHIN THE MACHINE OR A BACKFLOW PREVENTER IN ACCORDANCE WITH THE NC-R.
- SINK AND DISHWASHER. THE COMBINED DISCHARGE FROM A DISHWASHER AND A ONE- OR TWO-COMPARTMENT SINK, WITH OR WITHOUT A FOOD-WASTE DISPOSER, SHALL BE SERVED BY A TRAP OF NOT LESS THAN I/2 INCHES (36 MM) IN OUTSIDE DIAMETER. THE DISHWASHER DISCHARGE PIPE OR TUBING SHALL RISE TO THE WIDERSIDE OF THE COUNTER AND SHALL BE SECURELY FASTENED TO THE WIDERSIDE OF THE COUNTER AND SHALL BE SECURELY CONNECTING TO THE WIDERSIDE OF THE SINK RIM OR COUNTER BEFORE CONNECTING TO THE HEAD OF THE FOOD-WASTE DISPOSER OR TO A WYE FITTING IN THE SINK TAILPIECE.

- 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 U. 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 BE GROUNDED IN A MANNER COMPLYING WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
- ALL WIRING SHALL BE SO INSTALLED THAT, WHEN COMPLETED, THE SYSTEM WILL BE FREE FROM SHORT CIRCUITS AND FROM GROUNDS OTHER THAN AS REQUIRED OR PERMITTED IN N.E.C. ARTICLE 250.
- ELECTRIC EQUIPMENT SHALL BE INSTALLED IN A NEAT AND WORK-
- ALL 125-VOLT, SINGLE-PHASE, 15- AND 20-AMPERE RECEPTACLES INSTALLED IN THE LOCATION'S SPECIFIED BELOW SHALL HAVE ROUND-INTERRUPTER PROTECTION FOR PERSONNEL. THE GROUND-FAULT CIRCUIT-INTERRUPTER SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION.
 - A. BATHROOMS.
- B. GARAGES AND ALSO ACCESSORY BUILDINGS THAT HAVE A FLOOR LOCATED AT OR BELON GRADE LEVEL NOT INTENDED AS HABITABLE ROOMS AND LIMITED TO STORAGE AREAS, WORK AREAS, AND AREAS OF SIMILAR USE.
- CRAWL SPACES. WHERE THE CRAWL SPACE IS AT OR BELOW GRADE LEVEL.
- UNFINISHED PORTIONS OR AREAS OF THE BASEMENT NOT INTENDED AS HABITABLE ROOMS.
- KITCHENS. WHERE THE RECEPTACLES ARE INSTALLED TO SERVE
- 6. SINKS, WHERE RECEPTACLES ARE INSTALLED WITHIN 6 FT FROM THE TOP INSIDE EDGE OF THE BOWL OF THE SINK.
- BOAT HOUSES.
- BATHTUBS OR SHOWER STALLS WHERE RECEPTACLES ARE INSTALLED WITHIN 6' OF THE OUTSIDE EDGE OF THE BATHTUB OR SHOWER STALL.
- DISHWASHER GFCI PROTECTION IS NOT REQUIRED FOR OUTLETS THAT SUPPLY DISHWASHERS INSTALLED IN DWELLING UNIT
- CRAML SPACE LIGHTING OUTLETS, GFCI PROTECTION SHALL BE PROVIDED FOR LIGHTING OUTLETS NOT EXCEEDING 120 VOLTS INSTALLED IN CRAML SPACES.
- APPLIANCE RECEPTACLE OUTLETS INSTALLED IN A DWELLING UNIT FOR SPECIFIC APPLIANCES, SUCH AS LANDRY EQUIPMENT, SHALL BE INSTALLED WITHIN 6 FEET OF THE INTENDED LOCATION OF THE APPLIANCE.
- IN EVERY KITCHEN, FAMILY ROOM, DINING ROOM, LIVING ROOM, PARLOR, LIBRARY DEN, SUNROOM, BEDROOM, RECREATION ROOM, OR SIMILAR ROOM OR AREA OF DIMELLING UNITS, RECEPTACLE OUTLETS SHALL BE INSTALLED SO THAT NO POINT ALONG THE FLOOR LINE IN ANY MALL SPACE IS MORE THAN 6 FEET, MEASURED HORIZONTALLY, FROM AN OUTLET IN THAT SPACE, INCLUDING ANY HORIZONTALLY, FROM AN OUTLET IN THAT SPACE, INCLIDING ANY WALL SPACE 2 FEET OR MORE IN WIDTH (INCLIDING SPACE MEASURED AROUND CORNERS) AND INBROKEN ALONG THE FLOOR FINE BY DOORWAYS AND SIMILAR OPENINGS, FIREPLACES, AND FIXED CABINETS, AND THE WALL SPACE OCCUPIED BY FIXED PANELS IN EXTERIOR WALLS, BIT EXCLIDING SAIDING PANELS IN EXTERIOR WALLS, BIT EXCLIDING PANELS IN EXTERIOR WALLS, BIT EXCLIDING SAIDING PANELS IN EXTERIOR WALLS, THE WALL SPACE AFFORDED BY FIXED ROOM DIVIDERS, SULH AS FREESTANDING BAR-TYPE COUNTERS OR RAILINGS, SHALL BE INCLIDED IN THE 6 FOOT MEASUREMENT.
- IN THE KITCHEN, PANTRY, BREAKFAST ROOM, DINING ROOM, OR SIMILAR AREA OF A DINELLING UNIT, THE TWO OR MORE 20-AMPERE SMALL-APPLIANCE BRANCH CIRCUITS REQUIRED SHALL SERVE A ALL WALL AND FLOOR RECEPTACLE OUTLETS, ALL COUNTERTOP OUTLETS, AND RECEPTACLE OUTLETS FOR REFRIGERATION EQUIPMENT. THE TWO OF MORE SMALL-APPLIANCE BRANCH CIRCUITS SHALL HAVE NO OTHER OUTLETS
- 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 IZ 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 NITH A LONG DIMENSION OF 24 INCHES OR GREATER AND A SHORT DIMENSION OF 12 INCHES OR GREATER.
- (9) AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED AT EACH PENINSULAR COUNTER SPACE WITH A LONG DIMENSION OF 24 INCHES OR GREATER AND A SHORT DIMENSION OF 12 INCHES OR SECRITER. A PENINSULAR COUNTERTOP IS MEASURED FROM CONNECTING PERFENDICULAR WALL.
- CONTERTOP SPACES SEPARATED BY RANSE TOPS, REFRIGER-ATORS, OR SINKS SHALL BE CONSIDERED AS SEPARATE CONTERTOP SPACES IN APPLYING THE REQUIREMENTS OF (I), (2), AND (3) ABOVE. IF A RANSE, COUNTER-CONTED COOKING UNIT, OR SINK IS INSTALLED IN AN ISLAND OR PENINSULAR COUNTERTOP AND THE DEPTH OF THE COUNTER BEHIND THE ITEM IS LESS THEN IS INCHES. IT WILL BE CONSIDERED TO DIVIDE THE COUNTERTOP SPACE INTO TWO SEPARATE COUNTERTOP SPACE SEACH COUNTERTOP SPACE SHALL COMPLY WITH APPLICABLE REQUIREMENTS.
- (5) RECEPTACLE OUTLETS SHALL BE LOCATED NOT MORE THAN 20 INCHES ABOVE THE COUNTERTOP, RECEPTACLE OUTLETS RENDERED NOT READILLY ACCESSIBLE BY APPLIANCE 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 EACH BASIN. THE RECEPTACLE OUTLET SHALL BE LOCATED IN WALL OR PARTITION THAT IS ADJACENT TO THE BASIN OR BASIN COUNTERTOP, OR INSTALLED ON THE SIDE OR FACE OF THE BASIN CABINET NOT MORE
- IN DWELLING UNITS, AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED IN AREAS DESIGNATED FOR THE INSTALLATION OF LAUNDRY EQUIPMENT.
- IN EACH ATTACHED GARAGE AND IN EACH DETACHED GARAGE WITH ELECTRIC POWER, THE BRANCH CIRCUIT SUPPLYING THIS RECEPTACLE(S) SHALL NOT SUPPLY OUTLETS OUTSIDE OF THE GARAGE. AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED IN EACH VEHICLE BAY.
- CABLE- OR RACEWAY-TYPE WIRING METHODS INSTALLED IN A GROOVE. ORBILE OF RECENT HITE WINDS HE HOUSE IN A GROVE, TO BE COVERED BY WALL BOARD, SIDING, PANELING, CARPETING, OR SIMILAR FINISH, SHALL BE PROTECTED BY IN BINCH THICK STEEL PLATE, SLEEVE, OR EQUIYALENT OR BY NOT LESS THAN I-1/4 INCH FREE SPACE FOR THE FULL LENGTH OF THE GROOVE IN WHICH THE CABLE OR RACEWAY
- 15. RECEPTACLES IN DAMP OR WET LOCATIONS.
 - A RECEPTACLE INSTALLED OUTDOORS IN A LOCATION PROTECTED FROM MEATHER OR IN OTHER DAMP LOCATIONS SHALL HAVE AN ENCLOSURE FOR THE RECEPTACLE THAT IS NEATHERPROOF WHEN THE RECEPTACLE IS COVERED. (ATTACHMENT PLUS CAP NOT INSERTED AND RECEPTACLE COVERS (LOSED.)
 - ALL IS- AND 20- AMPERE, I.25- AND 250-VOLT RECEPTACLES INSTALLED IN A WET LOCATION SHALL HAVE AN ENCLOSURE THAT IS MEATHER PROOF MHETHER OR NOT THE ATTACHMENT PLUS CAP IS INSERTED. AN OUTLET BOX HOOD INSTALLED FOR THIS PURPOSE SHALL BE LISTED AND SHALL BE IDENTIFIED AS "EXTRA DUTY". ALL IS- AND 20- AMPERE, I.25- AND 20-VOLT NONLOCKING RECEPTACLES SHALL BE LISTED WEATHER RESISTANT TYPE.
- I6. LIGHTING EQUIPMENT. NOT LESS THAN 75 PERCENT OF THE PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL CONTAIN ONLY HIGH-EFFICACY LAMPS
- LIGHT FIXTURES WITHIN CLOTHES CLOSETS SHALL BE INSTALLED IN ACCORDANCE WITH N.E.C.
- ALL 120-VOLT, SINGLE PHASE, 15- AND 20-AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES INSTALLED IN DWELLING INIT FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNGOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER(S), COMBINATION-TYPE, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT. THE ARC-FAULT CIRCUIT INTERRUPTER SHALL BE INSTALLED IN A READILY ACCESSIBLE
- BUILDINGS SHALL BE PROVIDED WITH APPROVED ADDRESS IDENTIFICATION. THE ADDRESS IDENTIFICATION SHALL BE LEGIBLE AND PLACED IN A POSITION THAT IS VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY.
- TAMPER-RESISTANT RECEPTACLES IN DWELLING UNITS IN ALL AREAS.
 ALL NON-LOCKING TYPE I25-VOLT I5-AND 20-AMPERE RECEPTACLES.
 SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES. EXCEPTIONS LISTED BELON.
 - RECEPTACLES LOCATED MORE THAN $5_2^{\rm L}$ ABOVE THE FLOOR. 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.
 - 4. NON-GROUNDING RECEPTACLES USED FOR REPLACEMENTS
- DIMMER-CONTROLLED RECEPTACLES. A RECEPTACLE SUPPLYING LIGHTING LOADS SHALL NOT BE CONNECTED TO A DIMMER UNLESS THE PLUS-RECEPTACLE COMBINATION IS A NONSTANDARD CONFIGURATION TYPE THAT IS SPECIFICALLY LISTED AND IDENTIFIED FOR EACH SUCH

SMOKE DETECTORS

- SMOKE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH THE APPROVED MANUFACTURER'S INSTRUCTIONS AND NC-R R314
- 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 MARNING EQUIPMENT PROVISIONS OF NEPA 12.

HOUSEHOLD FIRE ALARM SYSTEMS INSTALLED IN ACCORDANCE WITH NFPA AND AUDIE NOTIFICATION DEVICE INSTALLED AS REQUIRED BY THE NG-R R914.9 FOR SMOKE ALARMS, SHALL BE PERMITTED. THE HOUSEHOLD FIRE ALARM SYSTEM SHALL PROVIDE THE SAME LEVEL OF SMOKE DETECTION. AND ALARM AS REQUIRED BY THE NG-R FOR SMOKE ALARMS IN THE EVENT THE FIRE ALARM PANEL IS REMOVED OR THE SYSTEM IS NOT CONNECTED TO A CENTRAL STATION

REQUIRED SMOKE DETECTORS SHALL BE LOCATED IN ACCORDANCE

ELECTRICAL (continued)

CARBON MONOXIDE ALARMS

- CARBON MONOXIDE ALARMS IN DMELLING UNITS SHALL BE INSTALLED OUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE INMEDIATE 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 2034 AND SHALL BE INSTALLED IN ACCORDANCE WITH THE NC-R R315 AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- COMBINATION CARBON MONOXIDE AND SMOKE ALARMS SHALL BE PERMITTED TO BE USED IN LIEU OF INDIVIDUAL CARBON MONOXIDE OR SMOKE ALARMS.

DRYER VENT

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



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NORTH CAROLINA 50' SERIES KB HOME

NORTH CAROLINA DIVISION

m TEL: (919) 768-7969 m

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

2018 NORTH CAROLINA STATE BUILDING **CODES**

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12/23/19

ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57 DIVISION MGR.: DS

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HOME OFFICE CORP20003CORP/- 08/20/20 CTD ... ADD NOTE TO 'TS'
NC20037NCP - 10/06/20 - KBA

REVISIONS:

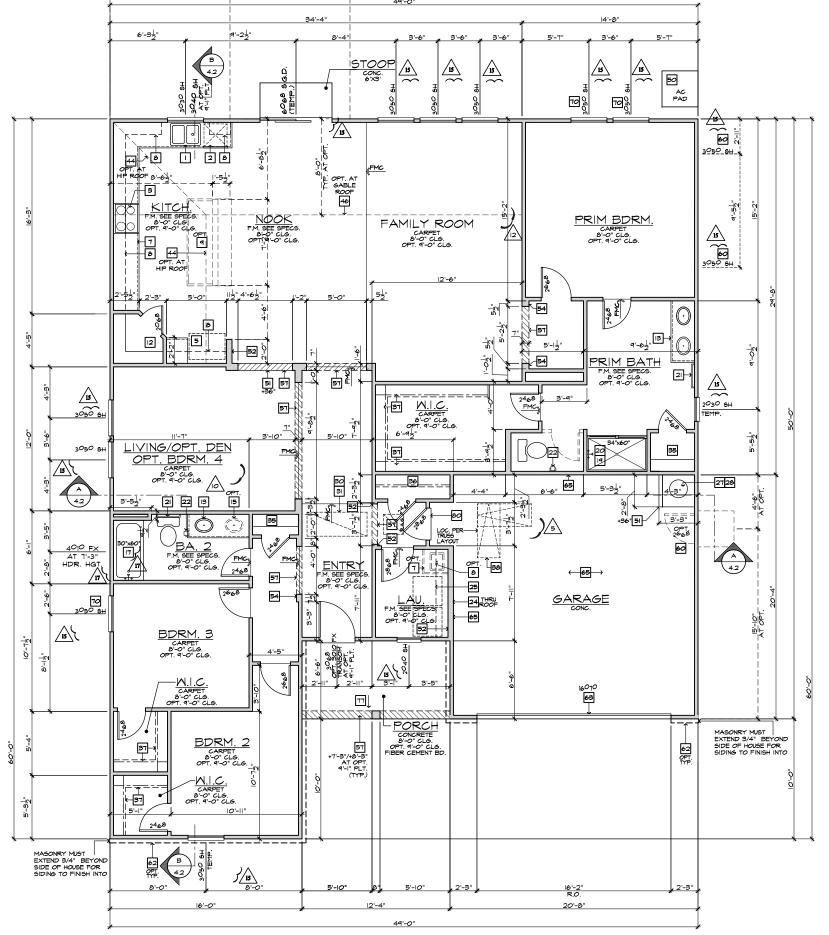
DIMENSION REVISION NC221032NCP - 05/19/21 - KBA \bigwedge_{12} DIVISION REVISION NC21061NCP · 11/19/21 · KBA

DIVISION REVISION
NC22049NCP · 08/15/22 · KBA DIVISION REVISION
NC23023NCP · 02/16/23 · KBA

PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

149.2115-R GN3



OPT. IO'x20' PATIO SLAB OPT. IO'xIO' PATIO SLAB

FLOOR PLAN NOTES NOTE: NOT ALL KEY NOTES APPLY.

HOME

NORTH CAROLINA 50' SERIES

кв номе NORTH CAROLINA DIVISION

TEL: (919) 768-7969

2018 NORTH

CAROLINA STATE

BUILDING

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HOME OFFICE CORP20003CORP/- 08/20/20 CTD ...

DIMENSION REVISION NC221032NCP - 05/19/21 - KBA

DIVISION REVISION NC2106INCP - 11/19/21 - KBA

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

12/23/19

26. OPT. LAUNDRY SINK - REFER TO INTERIOR ELEV'S 1800 PERIMETER PARK DRIVE 27. WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN \$ DRAIN. (REFER TO 15/AD4) SUITE 140 MORRISVILLE, NC 27560

28. R.A.G. LOCATION (SEE HVAC PLAN) 29. TEMP. & PRESGURE RELIEF VALVE ON EXTERIOR MIN. OF 6' ABOVE GRADE.
30. F.A.J. LOCATION (REFER TO DETAIL 88/AD5)

DISHWASHER - PROVIDE AIR GAP - VERIFY SPACING & DIMENSIONS PER MANUFACTURERS' SPECS

SLIDE-IN RANGE/OVEN COMBINATION W/ BUILT-IN VENTED HOOD W/LIGHT & FAN, OR MICRO/HOOD COMBO - SEE SPECS 36" COOKTOP W BUILT-IN VENTED HOOD W LIGHT & FAN VERIFY WITH MANUFRS' SPECS

YENTI WITH FUNDING STELLS

91" CLEAR REFRIGERATOR SPACE W OPTIONAL CABINETS
ABOVE - OPT. PLUMBING FOR ICEMAKER (RECESSED IN WALL)
COMBINATION DOUBLE OVEN OR OVEN MICROMAVE OVEN OR
OVEN VERIFY DIMENSIONS WITH MANUFACTURERS' SPECS

BASE CABINETS - REFER TO INTERIOR ELEVATIONS UPPER CABINETS - REFER TO INTERIOR ELEVATIONS ISLAND CABINET - REFER TO INTERIOR ELEVATIONS

IO. MIN. 12" BAR TOP/ BREAKFAST BAR

II. DESK AREA - REFER TO INTERIOR ELEVATIONS
12. BUILT-IN PANTRY (15" DEEP OR U.N.O.)

13. SINK CABINET(S) - REFER TO INTERIOR ELEVATIONS

14. SINK CABINET W EXTENDED VANITY & KNEE SPACE BELOW REFER TO INTERIOR ELEVATIONS 15. OPT. SINK - REFER TO INTERIOR ELEVATIONS.16. KNEE SPACE - REFER TO INTERIOR ELEVATIONS

PRE-FAB, TUB/SHOWER COMBO W/ FIBERGLASS WAINSO 72" - VERIFY DIMENSIONS W/ MANUF'S SPECS 18. OVAL TUB - VERIFY DIMENSIONS WITH MANUFR'S SPECS.

20. SHATTERPROOF (TEMPERED) GLASS SHOWER ENCLOSURE.

22. TOILET PAPER HOLDER - PROVIDE 2x SOLID BLK'G IN WALL

29. NESENYED
24. MASHER & DRYER: - PROVIDE WATER & WASTE FOR WASHER - RECESS MASHER CONTROL VALVES IN WALL - VENT DRYER TO OUTSIDE AIR. - ACCOMMODITA APPLIANCES TO BE LOCATED WASHER AT LEFT AND DRYER AT RIGHT.
2ND FLR. WASHER TO HAVE PAIN AND DRAIN; GMITTY PAN)

21. TOWEL BAR - PROVIDE 2x SOLID BLK'G IN WALL

PRE-FAB, SHOWER PAN W/ 30" MIN, CLR, INSIDE & WAINSCOT TO 72" - VERIFY DIMENSIONS W/ MANUF'S SPECS

32. LISTED FACTORY-BUILT GAS FIRED DEC. APPLIANCE (REF. 80/AD4) - INSTALL PER MFR. SPECS

33. HEARTH TO BE INSTALLED PER FACTORY-BUILT FIREPLACE LISTING

34. GAS APPLIANCE 'B' VENT FROM BELOW 35. LINEN PER SPECS (15" DEEP OR U.N.O.)

36. COAT CLOSET W SHELF & POLE (REFER TO DETAILTS/AD4) 37. WARDROBE W SHELF & POLE (REFER TO DETAILT3/AD4)

38. 22"X30" MIN. ATTIC ACCESS 25"x54" PULL DOWN LADDER R.O. ATTIC ACCESS TO BE PROTECTED

39. LINE OF WALL BELOW

23. RESERVED

25. I2" SHELF PER SPECS

40. DUCT CHASE/VOID SPACE - 1/2" GYP. BD. AT CLG. FIRE BLKG

41. LINE OF FLOOR ABOVE

42. LINE OF FLOOR BELOW 43. LINE OF OPTIONAL TRAY CEILING (REFER TO DETAIL 92/AD5)

44. LINE OF HIP AT OPTIONAL VOLUME CEILING

45. LINE OF RIDGE AT OPTIONAL VOLUME CEILING

46. CEILING BREAK

47. STAIR TREADS & RISERS: - MIN. IO" TREAD & MAX. 7 3/4" RISER - (REFER TO DETAIL 81-82/AD5) 48. MIN. 36" HIGH GUARDWALL (REFER TO DET. 83/AD5 & 85/AD5

49. 34" TO 36" HIGH HANDRAIL (REFER TO DETAIL 83/AD5

50. A/C PAD LOCATION 50AA/C LINESET LOCATION 51. LOW WALL - REFER TO PLAN FOR HEIGHT

52. 2x6 STUD WALL 53. 2x6 BALLOON FRAMED WALL PER STRUCTURAL

54. DBL. 2x4 WALL PER PLAN
55. INTERIOR SHELF-SEE PLAN FOR HT.

56. MEDIA NICHE 57. FLAT SOFFIT - SEE ELEV. FOR HGT.

58. ARCHED SOFFIT - SEE ELEV. FOR HGT.

59. WINDOW SEAT

60. OPT. DOOR/ WINDOW 61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.

62. BRICK / STONE VENEER - REFER TO ELEVATIONS VENEER TO COMPLY WITH THE N.C.-R.

63. SECTIONAL GARAGE DOOR PER SPECS 64. MIN. 1/2" GYP. BD. ON CEILINGS & WALLS @ USEABLE SPACE UNDER STAIR.

GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAT I/2" GYP. BD. @ GARAG SIDE WALLS & 5/8" TYPE 'X' CEILING UNDER LIVING AREA.

66. OPT. MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL 86/AD5) 67. 5/8" TYPE-X GYP. IN GARAGE BETWEEN CEILING & FLOOR AB

69. CONCRETE STOOP: SIZE PER PLAN SLOPE I/4" PER FT. MIN.

70. EGRESS MINDOW

TI. PROVIDE ADDITIONAL RISER(S) AT OPTIONAL PLATE HT.

73. PLUMBING DROP FROM ABOVE 74. ADJUST OPENING AT OPTION TO FIT THE DOOR SIZE SHOWN

75. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(5) ON ALL SIDES U.N.O.

76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

11. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE. 76. I/2" PRELIM. GYB. BD. BEHIND TUB/SHOWER (TO MEET STC)

79. SLOPING LOW WALL 38" ABOVE ADJACENT TREADS

20. OPENING BETWEEN GARAGE AND HOUSE SHALL BE EQUIPPED WITH SOLID WOOD DOORS NOT LESS THAN 1 \$1 THICK, OR SHALL BE 20 MINUTE FIRE RATED, DOORS TO BE WEATHERSTRIPPED, SELF CLOSING AND SELF LATCHING.

149.2115-R HEET: 1.1

SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

FIRST FLOOR PLAN 'A'

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

INTERIOR KEY

SOUARE FOOTAGE

PLAN 149.2115-R

ELEVATION 'B'

ELEVATION 'C'

ELEVATION 'D'

EXTENDED COVERED COVERED

EXTENDED DECK

PLATE NOTES

8'-I" PLATE NOTES

9'-I" PLATE NOTES

GENERAL PLAN NOTES

ALL CEILING HEIGHTS PER SECTION AND ELEVATION PLATE HEIGHTS, U.N.O.

ALL INTERIOR DOORS TO BE HOLLOW CORE I 3/8" THICK, U.N.O. (REFER TO PLAN FOR SIZE).

ALL HOUSE TO GARAGE DOORS TO BE 20-MINUTE FIRE-RATED (REFER TO PLAN FOR SIZE).

ALL ENTRY DOORS AND EXTERIOR FRENCH DOORS TO BE SOLID CORE I 3/4" THICK (REFER TO PLAN FOR SIZE).

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

FIRST FLOOR WITH \$-1" PLATE HEIGHT:
14" DEEP T.J.I. FLOOR JOISTS WITH 3/4" T&G DECKING.
14 TREADS AT 10" EACH
15 RISERS AT 1-71/6" EACH

FIRST FLOOR WITH 9.1" PLATE HEIGHT:

15 TREADS AT 10" EACH 16 RISERS AT 7-3/4" EACH

ALL GARAGE SERVICE DOORS TO BE HOLLOW CORE EXTERIOR GRADE (REFER TO PLAN FOR SIZE).

MINDOM HEADER HEIGHT 1st FL.;
MINDOM HEADER HEIGHT 2nd FL;
MINDOM HEADER HEIGHT 2nd FL;
AOID MINDOM OVER TUB HDR, HGT.
ENTRY DOOR HEIGHT:
MITERIOR SOFFIT HEIGHT:
MITERIOR SOFFIT HEIGHT:
MITERIOR DOOR HEIGHT:
MITERIOR DOOR HEIGHT:
MITERIOR DOOR HEIGHT:

TRAY CELLING:
MITERIOR DOOR HEIGHT:

6-8" UND.

MINDOM HEADER HEIGHT:
2nd FLOOR MINDOM HDR. HEIGHT:
2nd FLOOR MINDOM HDR. HEIGHT:
3LIDING 6L ASS DOOR HEIGHT:
4-2 UN.O.
4-2 UN.O.
6-2 UN.O.
6-3 UN.O.
6-3 UN.O.

COVERED

2106 SQ. FT

SQ. FT SQ. FT

SQ. FT

5Q. F1

SQ. FT

5Q. F1

100

200

6-8" (N.O. 6-8" (TEMP.) 5'-0" U.N.O. 1" RISE INTO TRUSS U.N.O. 6'-8" U.N.O.

)/6

FIRST FLOOR ARE

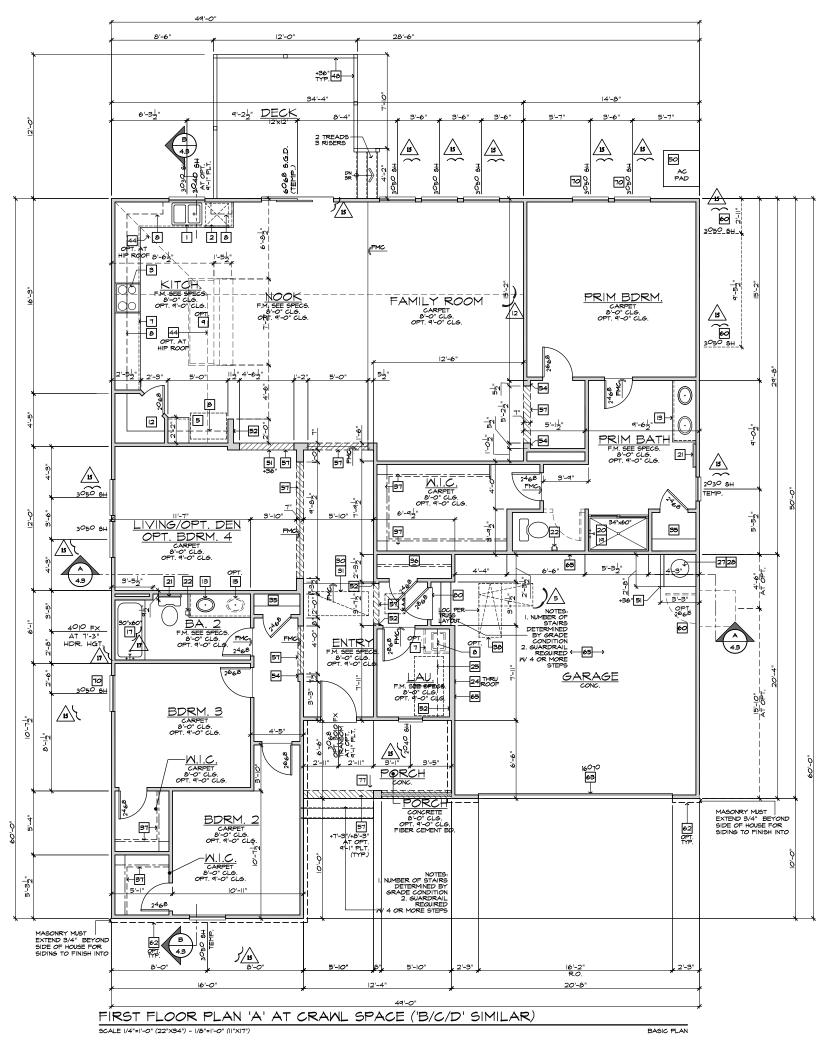
TOTAL AREA

GARAGE AREA

PORCH AREA(S)

PATIO AREA(S)

DECK AREA(S)





NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969

2018 NORTH

CAROLINA STATE

BUILDING

CODES

PROJECT No.: 1350999:57

HOME OFFICE CORP20003CORP/- 08/20/20 CTD ...

DIMENSION REVISION NC221032NCP - 05/19/21 - KBA

DIVISION REVISION NC2106INCP - 11/19/21 - KBA

DIVISION REVISION NC22049NCP - 08/15/22 - KBA

DIVISION REVISION NC23023NCP - 02/16/23 - KBA

PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

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

09/10/18

12/23/19

ISSUE DATE:

REVISIONS:

DIVISION MGR.:

28. R.A.G. LOCATION (SEE HVAC PLAN) 29. TEMP. & PRESGURE RELIEF VALVE ON EXTERIOR MIN. OF 6' ABOVE GRADE.
30. F.A.J. LOCATION (REFER TO DETAIL 88/AD5)

FLOOR PLAN NOTES

DISHWASHER - PROVIDE AIR GAP - VERIFY SPACING & DIMENSIONS PER MANUFACTURERS' SPECS

SLIDE-IN RANGE/OVEN COMBINATION W BUILT-IN VENTED HOOD W/LIGHT & FAN. OR MICRO/HOOD COMBO - SEE SPECS 36" COOKTOP W BUILT-IN VENTED HOOD W LIGHT & FAN VERIFY WITH MANUFRS' SPECS

YENTI WITH FUNDING STELLS

91" CLEAR REFRIGERATOR SPACE W OPTIONAL CABINETS
ABOVE - OPT. PLUMBING FOR ICEMAKER (RECESSED IN WALL)
COMBINATION DOUBLE OVEN OR OVEN MICROMAVE OVEN OR
OVEN VERIFY DIMENSIONS WITH MANUFACTURERS' SPECS

BASE CABINETS - REFER TO INTERIOR ELEVATIONS 6. UPPER CABINETS - REFER TO INTERIOR ELEVATIONS

ISLAND CABINET - REFER TO INTERIOR ELEVATIONS

II. DESK AREA - REFER TO INTERIOR ELEVATIONS
12. BUILT-IN PANTRY (15" DEEP OR U.N.O.)

13. SINK CABINET(S) - REFER TO INTERIOR ELEVATIONS

21. TOWEL BAR - PROVIDE 2x SOLID BLK'G IN WALL

26. OPT. LAUNDRY SINK - REFER TO INTERIOR ELEV'S

14. SINK CABINET W EXTENDED VANITY & KNEE SPACE BELOW REFER TO INTERIOR ELEVATIONS 15. OPT. SINK - REFER TO INTERIOR ELEVATIONS.16. KNEE SPACE - REFER TO INTERIOR ELEVATIONS

PRE-FAB, TUB/SHOWER COMBO W/ FIBERGLASS WAINSO 72" - VERIFY DIMENSIONS W/ MANUF'S SPECS 18. OVAL TUB - VERIFY DIMENSIONS WITH MANUFR'S SPECS. PRE-FAB, SHOWER PAN W/ 30" MIN, CLR, INSIDE & WAINSCOT TO 72" - VERIFY DIMENSIONS W/ MANUF'S SPECS 20. SHATTERPROOF (TEMPERED) GLASS SHOWER ENCLOSURE.

22. TOILET PAPER HOLDER - PROVIDE 2x SOLID BLK'G IN WALL

29. NESENYED
24. MASHER & DRYER: - PROVIDE WATER & WASTE FOR WASHER - RECESS MASHER CONTROL VALVES IN WALL - VENT DRYER TO OUTSIDE AIR. - ACCOMMODITA APPLIANCES TO BE LOCATED WASHER AT LEFT AND DRYER AT RIGHT.
2ND FLR. WASHER TO HAVE PAIN AND DRAIN; GMITTY PAN)

27. WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN \$ DRAIN. (REFER TO 15/AD4)

IO. MIN. 12" BAR TOP/ BREAKFAST BAR

NOTE: NOT ALL KEY NOTES APPLY

32. LISTED FACTORY-BUILT GAS FIRED DEC. APPLIANCE (REF. 80/AD4) - INSTALL PER MFR. SPECS

33. HEARTH TO BE INSTALLED PER FACTORY-BUILT FIREPLACE LISTING

34. GAS APPLIANCE 'B' VENT FROM BELOW

35. LINEN PER SPECS (15" DEEP OR U.N.O.)

36. COAT CLOSET W SHELF & POLE (REFER TO DETAILTS/AD4) 37. WARDROBE W SHELF & POLE (REFER TO DETAILT3/AD4)

38. 22"X30" MIN. ATTIC ACCESS 25"x54" PULL DOWN LADDER R.O. ATTIC ACCESS TO BE PROTECTED

39. LINE OF WALL BELOW

23. RESERVED

25. I2" SHELF PER SPECS

40. DUCT CHASE/VOID SPACE - 1/2" GYP. BD. AT CLG. FIRE BLKG 41. LINE OF FLOOR ABOVE

43. LINE OF OPTIONAL TRAY CEILING (REFER TO DETAIL 92/AD5)

44. LINE OF HIP AT OPTIONAL VOLUME CEILING

45. LINE OF RIDGE AT OPTIONAL VOLUME CEILING

46. CEILING BREAK

47. STAIR TREADS & RISERS: - MIN. IO" TREAD & MAX. 7 3/4" RISER - (REFER TO DETAIL 81-82/AD5)

48. MIN. 36" HIGH GUARDWALL (REFER TO DET. 83/AD5 \$ 85/AD5

49. 34" TO 36" HIGH HANDRAIL (REFER TO DETAIL 83/AD5

50. A/C PAD LOCATION 50AA/C LINESET LOCATION 51. LOW WALL - REFER TO PLAN FOR HEIGHT

52. 2x6 STUD WALL 53. 2x6 BALLOON FRAMED WALL PER STRUCTURAL

54. DBL. 2x4 WALL PER PLAN
55. INTERIOR SHELF-SEE PLAN FOR HT.

56. MEDIA NICHE 57. FLAT SOFFIT - SEE ELEV. FOR HGT.

58. ARCHED SOFFIT - SEE ELEV. FOR HGT.

59. WINDOW SEAT

60. OPT. DOOR/ WINDOW

61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.

62. BRICK / STONE VENEER - REFER TO ELEVATIONS VENEER TO COMPLY WITH THE N.C.-R.

63. SECTIONAL GARAGE DOOR PER SPECS

64. MIN. 1/2" GYP. BD. ON CEILINGS & WALLS @ USEABLE SPACE UNDER STAIR. GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAT I/2" GYP. BD. @ GARAG SIDE WALLS & 5/8" TYPE 'X' CEILING UNDER LIVING AREA.

66. OPT. MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL 86/AD5) 67. 5/8" TYPE-X GYP. IN GARAGE BETWEEN CEILING & FLOOR AB

69. CONCRETE STOOP: SIZE PER PLAN SLOPE I/4" PER FT. MIN.

70. EGRESS MINDOW

71. PROVIDE ADDITIONAL RISER(S) AT OPTIONAL PLATE HT.

73. PLUMBING DROP FROM ABOVE

14. ADJUST OPENING AT OPTION TO FIT THE DOOR SIZE SHOWN 75. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(5) ON ALL SIDES U.N.O.

76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

77. CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE. 78. I/2" PRELIM. GYB. BD. BEHIND TUB/SHOWER (TO MEET STC)

79. SLOPING LOW WALL 38" ABOVE ADJACENT TREADS 80. OPENINGS BETWEEN GARAGE AND HOUSE SHALL BE EQUIPPED WITH SOLID WOOD DOORS NOT LESS THAN 1 \$ THICK, OR SHALL BE 20 MINUTE FIRE RATED, DOORS TO BE WEATHERSTRIPPED, SELF CLOSING AND SELF LATCHING. 149.2115-R HEET: 1.2

RALEIGH-DURHAM 50' SERIES

INTERIOR KEY

	PLATE NOT	ES 2018 N.CR
	8'-I" PLATE NO	OTES
:	MINDOW HEADER HEIGHT: 2nd FLOOR MINDOW HOR. HEIGHT: ENTRY DOOR HEIGHT: SLIDING SLASS DOOR HEIGHT: INTERIOR SOFFIT HEIGHT: INTERIOR DOOR HEIGHT: 9'- " PLATE NO	6-8" UNO. 1"-0" UNO. 6-8" UNO. 6-8" (TEMP.) 1"-4" UNO. 1" RIJE" INTO TRUSS U.N.O. 0-8" UNO.
	MINDOM HEADER HEIGHT IS FL. MINDOM HEADER HEIGHT 2nd FL. 4010 MINDOM OVER TUB HDR. HGT ENTRY DOOR HEIGHT: SLIDING GLASS DOOR HEIGHT: INTERIOR SOFFIT HEIGHT: TRAY CEILING: INTERIOR DOOR HEIGHT:	6'-0" UNO. 3'-0" UNO. 5'-4" UNO. 6'-8" UNO. 6'-8" (EMP) 5'-0" UNO. 1" RISE INTO TRUSS UNO. 6'-8" UNO.

GENERAL PLAN NOTES

ALL CEILING HEIGHTS PER SECTION AND ELEVATION PLATE HEIGHTS, U.N.O.

ALL INTERIOR DOORS TO BE HOLLOW CORE I 3/8" THICK, U.N.O. (REFER TO PLAN FOR SIZE).

ALL GARAGE SERVICE DOORS TO BE HOLLOW CORE EXTERIOR GRADE (REFER TO PLAN FOR SIZE). ALL HOUSE TO GARAGE DOORS TO BE 20-MINUTE FIRE-RATED (REFER TO PLAN FOR SIZE).

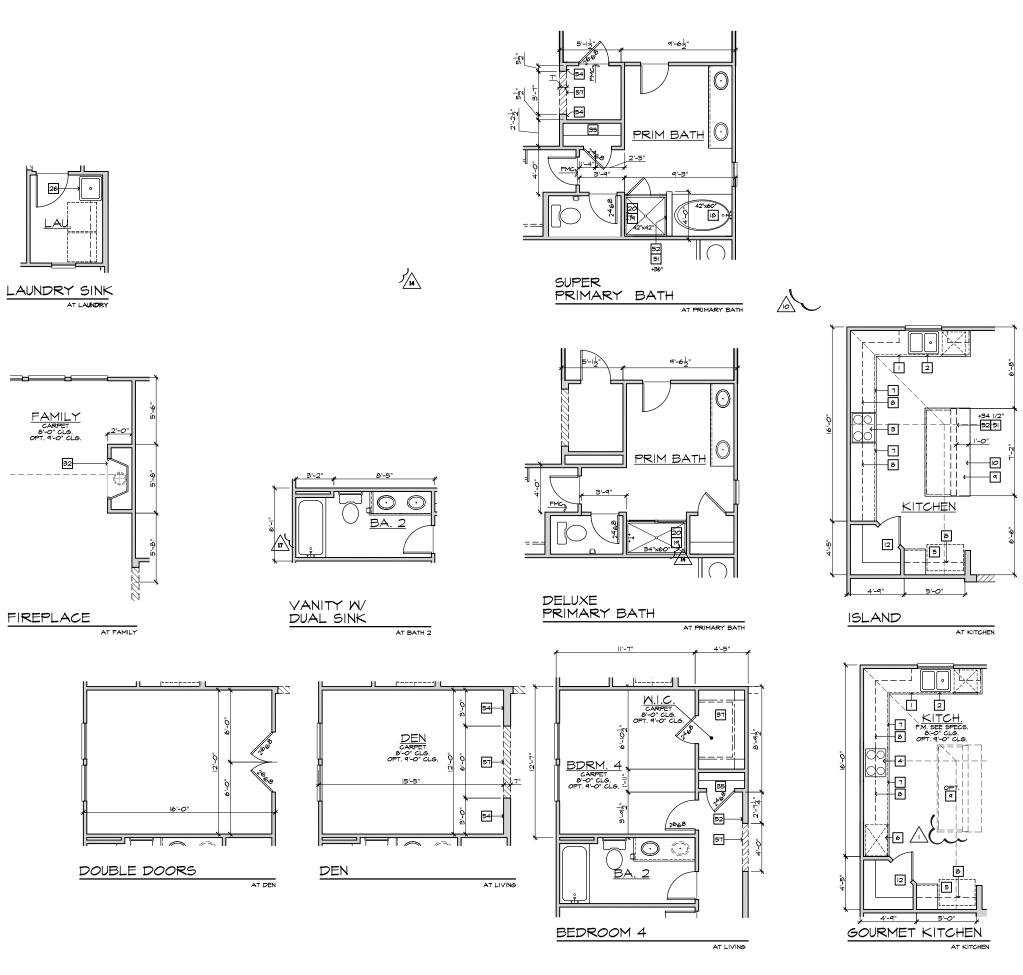
ALL ENTRY DOORS AND EXTERIOR FRENCH DOORS TO BE SOLID CORE | 3/4" THICK (REFER TO PLAN FOR SIZE). ALL FLOOR MATERIAL CHANGES TO OCCUR AT CENTER OF DOOR JAMBS, U.N.O.

STAIR DATA NOTES

FIRST FLOOR WITH \$-1" PLATE HEIGHT:
14" DEEP T.J.I. FLOOR JOISTS WITH 3/4" T&G DECKING.
14 TREADS AT 10" EACH
15 RISERS AT 1-71/6" EACH

FIRST FLOOR WITH 9.1" PLATE HEIGHT: 15 TREADS AT 10" EACH 16 RISERS AT 7-3/4" EACH

SPEC. LEVEL 1



FLOOR PLAN OPTIONS SCALE: I/4"=I'-0" (22"x34") - I/8"=I'-0" (II"x17",

FLOOR PLAN NOTES

NOTE: NOT ALL KEY NOTES APPLY. SINK - GARBAGE DISPOSAL OPTIONAL - VERIFY DIMENSIONS WITH MANUFACTURERS' SPECS

DISHWASHER - PROVIDE AIR GAP - VERIFY SPACING & DIMENSIONS PER MANUFACTURERS' SPECS

SLIDE-IN RANGE/OVEN COMBINATION W/ BUILT-IN VENTED HOOD W/LIGHT & FAN. OR MICRO/HOOD COMBO - SEE SPECS

36" COOKTOP W BUILT-IN VENTED HOOD W LIGHT & FAN VERIFY WITH MANUFRS' SPECS

5, 34" CLEAR REFRIGERATOR SPACE W OPTIONAL CABINETS ABOVE - OPT. PLIMBING FOR ICEMAKER (RECESSED IN WALL) COMBINATION DOUBLE OVEN OR OVEN MICROMAVE OVEN OR OVEN VERIFY DIMENSIONS MITH MANUFACTURERS' SPECS

BASE CABINETS - REFER TO INTERIOR ELEVATIONS

6. UPPER CABINETS - REFER TO INTERIOR ELEVATIONS

ISLAND CABINET - REFER TO INTERIOR ELEVATIONS

IO. MIN. 12" BAR TOP/ BREAKFAST BAR

II. DESK AREA - REFER TO INTERIOR ELEVATIONS
12. BUILT-IN PANTRY (15" DEEP OR U.N.O.)

13. SINK CABINET(S) - REFER TO INTERIOR ELEVATIONS

14. SINK CABINET W EXTENDED VANITY & KNEE SPACE BELOW REFER TO INTERIOR ELEVATIONS

15. OPT. SINK - REFER TO INTERIOR ELEVATIONS.16. KNEE SPACE - REFER TO INTERIOR ELEVATIONS

PRE-FAB. TUB/SHOWER COMBO W/ FIBERGLASS WAINSCOT2" - VERIFY DIMENSIONS W/ MANUF'S SPECS

18. OVAL TUB - VERIFY DIMENSIONS WITH MANUFR'S SPECS. 19. PRE-FAB, SHOWER PAN W 30" MIN, CLR. INSIDE & WAINSCOT TO 72" - VERIFY DIMENSIONS W/ MANUF'S SPECS

20. SHATTERPROOF (TEMPERED) GLASS SHOWER ENCLOSURE.

21. TOWEL BAR - PROVIDE 2x SOLID BLK'G IN WALL 22. TOILET PAPER HOLDER - PROVIDE 2x SOLID BLK'G IN WALL

23. RESERVED

29. NESENYED
24. MASHER & DRYER: - PROVIDE WATER & WASTE FOR WASHER - RECESS MASHER CONTROL VALVES IN WALL - VENT DRYER TO OUTSIDE AIR. - ACCOMMODITA APPLIANCES TO BE LOCATED WASHER AT LEFT AND DRYER AT RIGHT.
2ND FLR. WASHER TO HAVE PAIN AND DRAIN; GMITTY PAN)

25. I2" SHELF PER SPECS

26. OPT. LAUNDRY SINK - REFER TO INTERIOR ELEV'S 27. WATER HEATER LOCATION: - FOR GAS - LOCATE ON 18" HIGH-PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO 15/AD4)

28. R.A.G. LOCATION (SEE HVAC PLAN)

29. TEMP. & PRESGURE RELIEF VALVE ON EXTERIOR MIN. OF 6' ABOVE GRADE.
30. F.A.J. LOCATION (REFER TO DETAIL 88/AD5)

32. LISTED FACTORY-BUILT GAS FIRED DEC. APPLIANCE (REF. 80/AD4) - INSTALL PER MFR. SPECS 33. HEARTH TO BE INSTALLED PER FACTORY-BUILT FIREPLACE LISTING

34. GAS APPLIANCE 'B' VENT FROM BELOW

35. LINEN PER SPECS (15" DEEP OR U.N.O.)

36. COAT CLOSET W SHELF & POLE (REFER TO DETAILTS/AD4)

37. WARDROBE W SHELF & POLE (REFER TO DETAIL13/AD4)

39, 22"X30" MIN. ATTIC ACCESS 25"x54" PULL DOWN LADDER R.O. ATTIC ACCESS TO BE PROTECTED

39. LINE OF WALL BELOW

40. DUCT CHASE/VOID SPACE - 1/2" GYP. BD. AT CLG. FIRE BLKG 41. LINE OF FLOOR ABOVE

43. LINE OF OPTIONAL TRAY CEILING (REFER TO DETAIL 92/AD5)

44. LINE OF HIP AT OPTIONAL VOLUME CEILING 45. LINE OF RIDGE AT OPTIONAL VOLUME CEILING

46. CEILING BREAK

47. STAIR TREADS & RISERS: - MIN. IO" TREAD & MAX. 7 3/4" RISER - (REFER TO DETAIL 81-82/AD5)

48. MIN. 36" HIGH GUARDWALL (REFER TO DET. 83/AD5 & 85/AD5

49. 34" TO 36" HIGH HANDRAIL (REFER TO DETAIL 83/AD5)

50. A/C PAD LOCATION
50AA/C LINESET LOCATION
51. LOM MALL - REFER TO PLAN FOR HEIGHT
52. 2x6 STID MALL
53. 2x6 BALLOON FRAMED WALL PER STRUCTURAL

54. DBL. 2x4 WALL PER PLAN
55. INTERIOR SHELF-SEE PLAN FOR HT.

56. MEDIA NICHE 57. FLAT SOFFIT - SEE ELEV. FOR HGT.

58. ARCHED SOFFIT - SEE ELEV. FOR HGT. 59. WINDOW SEAT

60. OPT. DOOR/ WINDOW

61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.

62. BRICK / STONE VENEER - REFER TO ELEVATIONS VENEER TO COMPLY WITH THE N.C.-R.

63. SECTIONAL GARAGE DOOR PER SPECS

64. MIN. I/2" GYP. BD. ON CEILINGS & WALLS @ USEABLE SPACE UNDER STAIR.

65. GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAT I/2" GYP, BD. @ GARAGI SIDE WALLS & 5/6" TYPE "X" CEILING UNDER LIVING AREA.

66. OPT. MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL 86/AD5) 67. 5/8" TYPE-X GYP. IN GARAGE BETWEEN CEILING & FLOOR AB 68. P.T. POST W WRAP

69. CONCRETE STOOP: SIZE PER PLAN SLOPE I/4" PER FT. MIN.

70. EGRESS MINDOW

71. PROVIDE ADDITIONAL RISER(S) AT OPTIONAL PLATE HT.

73. PLUMBING DROP FROM ABOVE

74. ADJUST OPENING AT OPTION TO FIT THE DOOR SIZE SHOWN 75. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.

76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 77. CONCRETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR SIZE.

78. I/2" PRELIM. GYB. BD. BEHIND TUB/SHOWER (TO MEET STC)

79. SLOPING LOW WALL 38" ABOVE ADJACENT TREADS

20. OPENING BETWEEN GARAGE AND HOUSE SHALL BE EQUIPPED WITH SOLID WOOD DOORS NOT LESS THAN 1 \$1 THICK, OR SHALL BE 20 MINUTE FIRE RATED, DOORS TO BE WEATHERSTRIPPED, SELF CLOSING AND SELF LATCHING.

HOME

NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION 1800 PERIMETER PARK DRIVE

SUITE 140 MORRISVILLE, NC 27560 TEL: (919) 768-7969 **•**

2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57 DIVISION MGR.:

REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD ...

ADD NOTE TO TS'
NC20037NCP · 10/06/20 · KBA DIMENSION REVISION NC221032NCP - 05/19/21 - KBA

DIVISION REVISION NC2106INCP - 11/19/21 - KBA

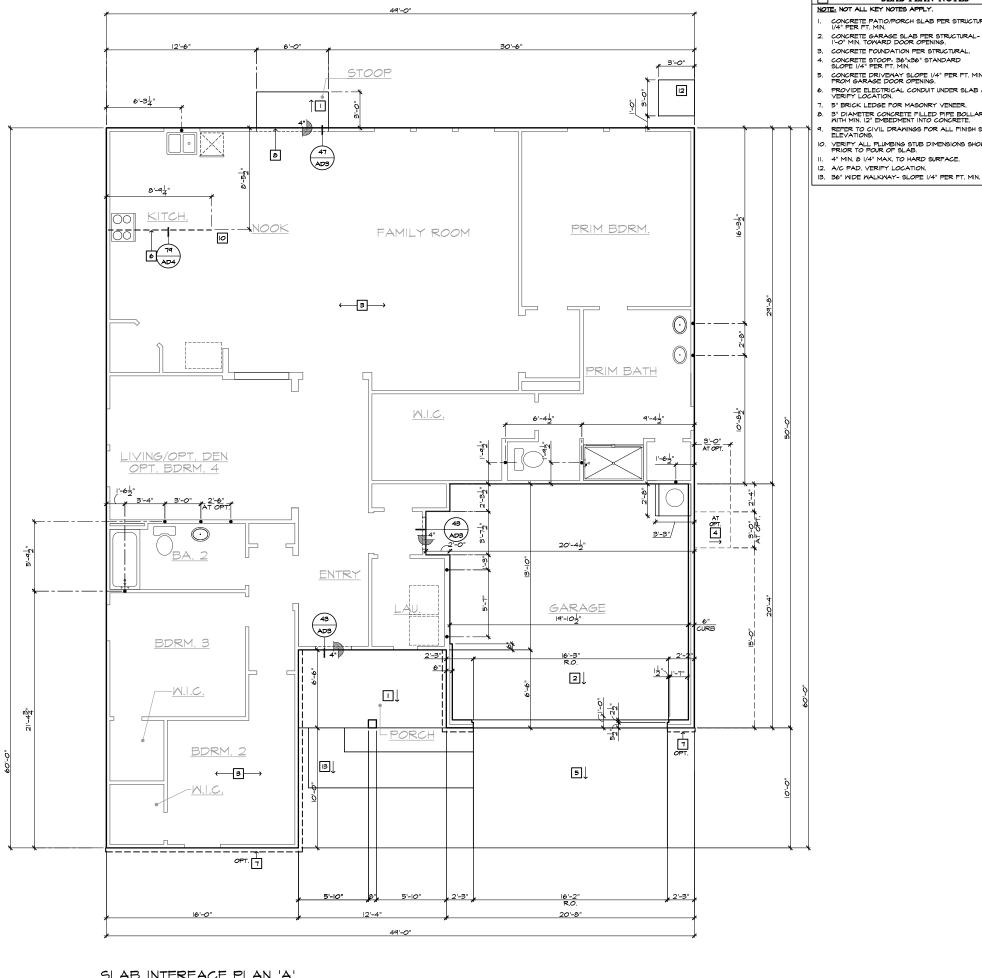
DIVISION REVISION NC22049NCP - 08/15/22 - KBA DIVISION REVISION NC23023NCP - 02/16/23 - KBA

PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

149.2115-R

1.3



SLAB PLAN NOTES

NOTE: NOT ALL KEY NOTES APPLY.

CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.

2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1-0" MIN. TOMARD DOOR OPENING.
3. CONCRETE FOUNDATION PER STRUCTURAL.

. CONCRETE STOOP: 36"x36" STANDARD SLOPE 1/4" PER FT. MIN.

5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.

6. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.

7. 5" BRICK LEDGE FOR MASONRY VENEER.
8. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN, 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.

VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.

HOME

NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560 m TEL: (919) 768-7969 m

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ISSUE DATE: 09/10/18 ■ PROJECT No.: 1350999:57 ■ DIVISION MGR.:

REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD m

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

DIMENSION REVISION NC221032NCP · 05/19/21 · KBA

DIVISION REVISION NC22049NCP - 08/15/22 - KBA

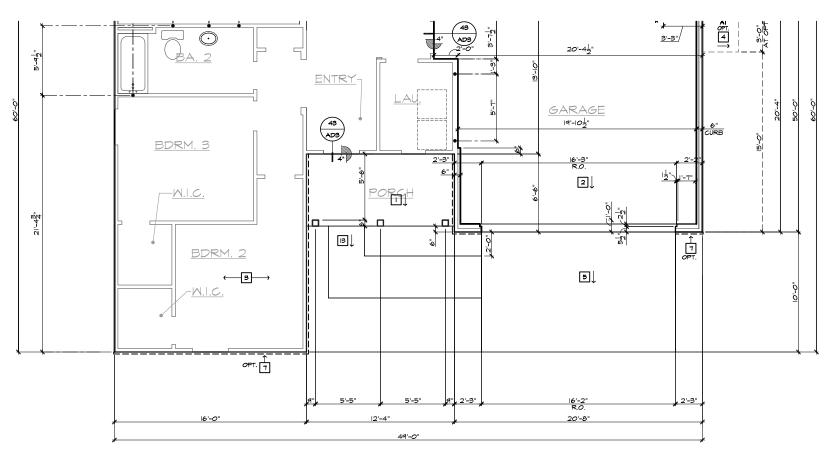
DIVISION REVISION NC23023NCP · 02/16/23 · KBA

PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

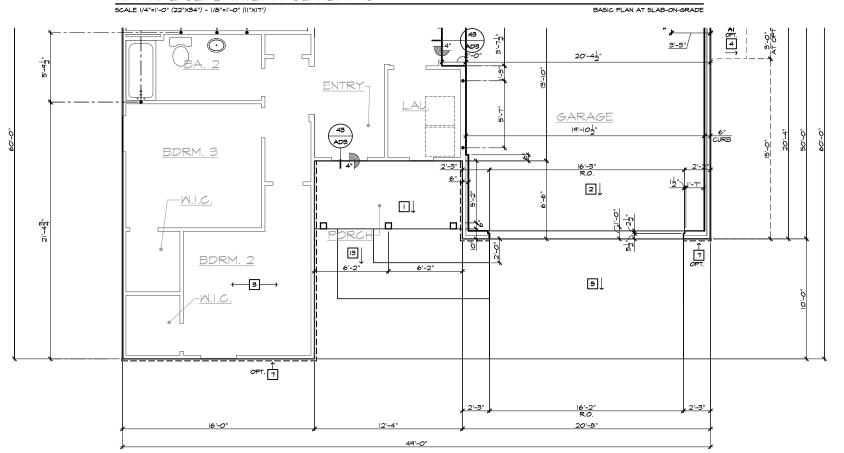
OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

149.2115-R

2.1



PARTIAL SLAB INTERFACE PLAN 'C'



PARTIAL SLAB INTERFACE PLAN 'B'

SCALE |/4"=1'-0" (22"X34") - |/8"=1'-0" (||"X|7")

SLAB PLAN
NOTE: NOT ALL KEY NOTES APPLY.

CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.

2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1-0" MIN. TOMARD DOOR OPENING.
3. CONCRETE FOUNDATION PER STRUCTURAL.

SLAB PLAN NOTES

CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.

CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.

PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.

7. 5" BRICK LEDGE FOR MASONRY VENEER.
8. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.

REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.

IO. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.

| 11. 4" MIN. 8 | /4" MAX. TO HARD SURFACE. | 12. A/C PAD. VERIFY LOCATION. | 13. 36" WIDE WALKWAY- SLOPE | /4" PER FT. MIN.

HOME

NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560 m TEL: (919) 768-7969 m

2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: ■ PROJECT No.: 1350999:57 ■ DIVISION MGR.:

REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD I

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NC20037NCP · 10/06/20 · KBA DIMENSION REVISION NC221032NCP - 05/19/21 - KBA

DIVISION REVISION NC22049NCP - 08/15/22 - KBA

DIVISION REVISION
NC23023NCP · 02/16/23 · KBA

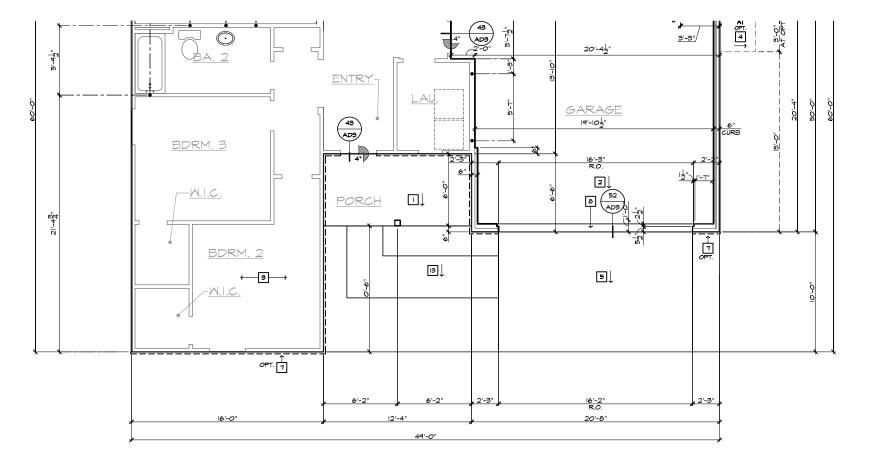
PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

149.2115-R SHEET:

> 2.2 SPEC. LEVEL 1

RALEIGH-DURHAM 50' SERIES



PARTIAL SLAB INTERFACE PLAN 'D'

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

BASIC PLAN AT SLAB-ON-GRADE

SLAB PLAN NOTES

NOTE: NOT ALL KEY NOTES APPLY.

- CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
- 2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1-0" MIN. TOWARD DOOR OPENING.
 3. CONCRETE FOUNDATION PER STRUCTURAL.
- 4. CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.
- 5. CONCRETE DRIVENAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
- 6. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.
- 7. 5" BRICK LEDGE FOR MASONRY VENEER.
 8. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
- REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
- ELEVATIONS.

 IO. VERIFY ALL PLIMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.

 II. 4" MIN. 8 I/4" MAX. TO HARD SURFACE.

 II. 4"C PAD, VERIFY LOCATION.

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



NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560 m TEL: (919) 768-7969 m

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HOME OFFICE CORP20003CORP/- 08/20/20 CTD m

12/23/19

REVISIONS:

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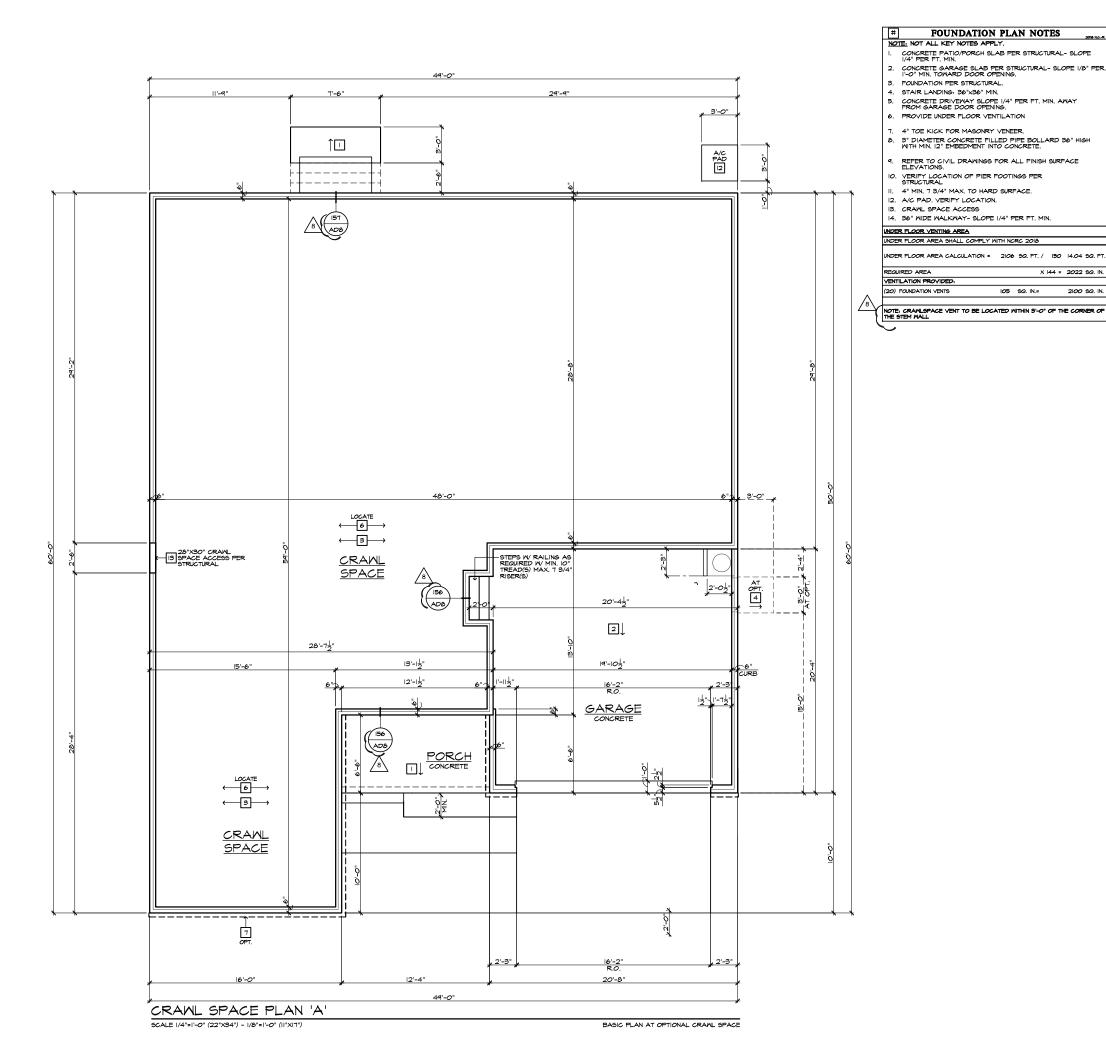
DIVISION REVISION NC22049NCP - 08/15/22 - EBA DIVISION REVISION NC23023NCP · 02/16/23 · KBA

PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD



2.3



kb HOME

NORTH CAROLINA 50' SERIES

X 144 = 2022 5Q. IN.

105 SQ. IN.=

KB HOME NORTH CAROLINA DIVISION 1800 PERIMETER PARK DRIVE SUITE 140

MORRISVILLE, NC 27560 ■ TEL: (919) 768-7969 ■

2018 NORTH CAROLINA STATE BUILDING CODES

■ PROJECT No.: 1350999:57 ■ DIVISION MGR.: REVISIONS: 12/23/19

HOME OFFICE CORP20003CORP/- 00/20/20 CTD B ADD NOTE TO TS'
NC20037NCP · 10/06/20 · KBA

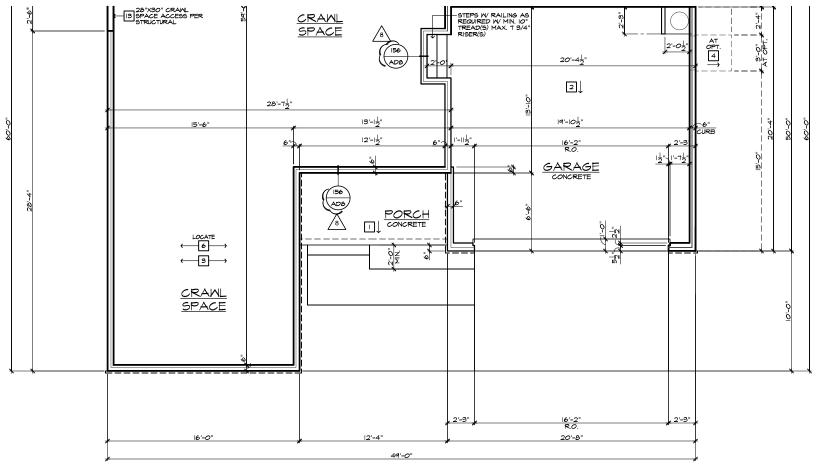
DIVISION REVISION NC22049NCP - 08/15/22 - EBA DIVISION REVISION
NC23023NCP · 02/16/23 · KBA

PERFORMANCE ATTIC NC23051NCP · 09/19/23 · KBA

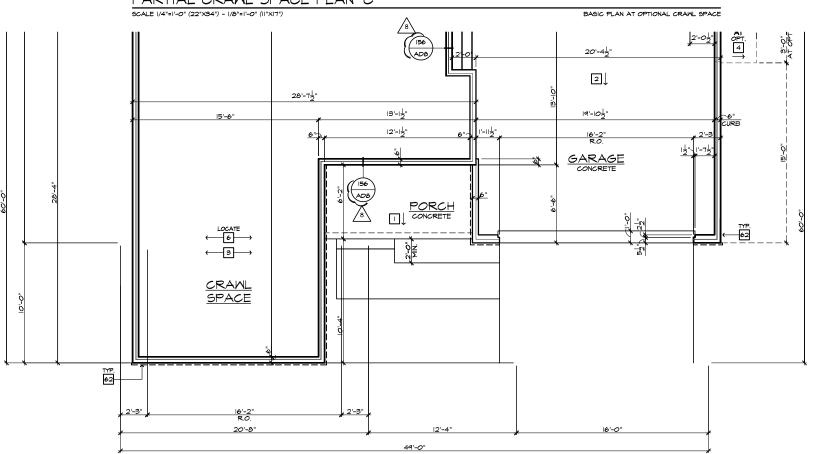
OPTION REDUCTIONS NC23975NCP - 10/31/23 - CTD

PLAN: 149.2115-R

2.4



PARTIAL CRAWL SPACE PLAN 'C'



PARTIAL CRAWL SPACE PLAN 'B'

SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")

FOUNDATION PLAN NOTES

- CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.
- CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOMARD DOOR OPENING.
- FOUNDATION PER STRUCTURAL.
- STAIR LANDING: 36"x36" MIN.
- CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
- PROVIDE UNDER FLOOR VENTILATION
- 4" TOE KICK FOR MASONRY VENEER.
- 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
- REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
- VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL
- 4" MIN. 7 3/4" MAX. TO HARD SURFACE.
- 12. A/C PAD. VERIFY LOCATION.
- 13. CRAWL SPACE ACCESS
 14. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.



NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

m TEL: (919) 768-7969 m

2018 NORTH CAROLINA STATE BUILDING CODES

■ PROJECT No.: 1350999:57 ■

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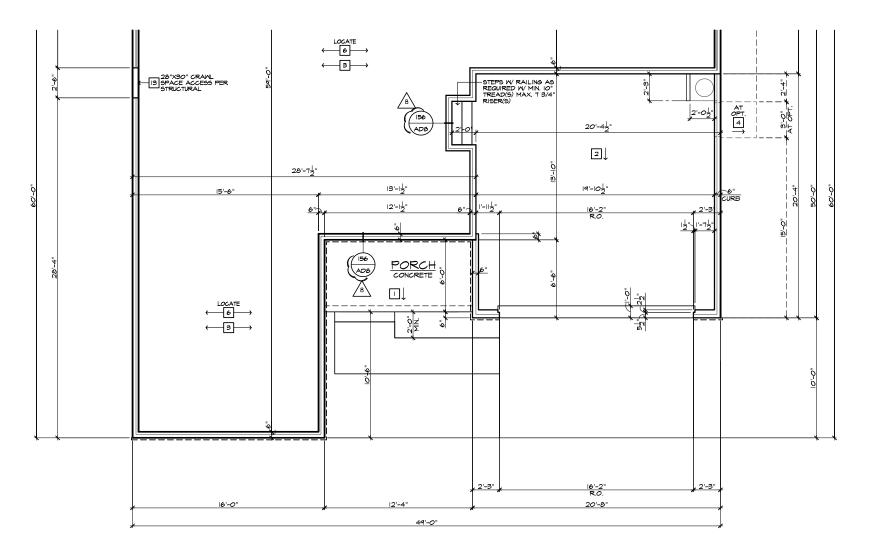
PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

149.2115-R

2.5

SPEC. LEVEL 1 RALEIGH-DURHAM



PARTIAL CRAWL SPACE PLAN 'D'

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

BASIC PLAN AT OPTIONAL CRAWL SPACE

FOUNDATION PLAN NOTES

CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.

CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOMARD DOOR OPENING.

3. FOUNDATION PER STRUCTURAL.

4. STAIR LANDING: 36"x36" MIN. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.

6. PROVIDE UNDER FLOOR VENTILATION

4" TOE KICK FOR MASONRY VENEER.
 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.

REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.

IO. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL

4" MIN. 7 3/4" MAX. TO HARD SURFACE.

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



NORTH CAROLINA 50' SERIES

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1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

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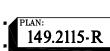
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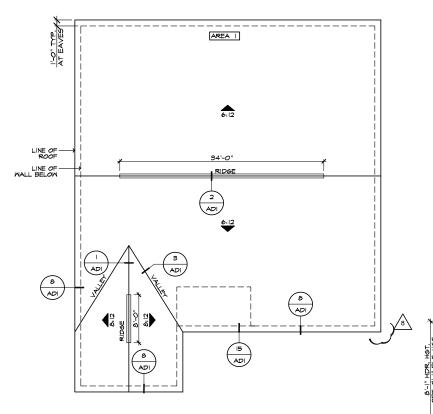
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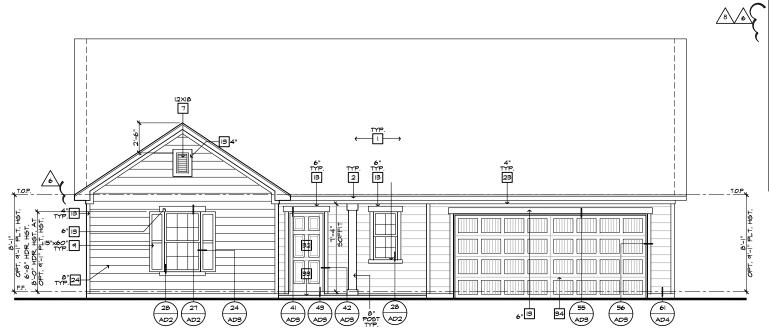


 $\longleftarrow \stackrel{\mathsf{TYP.}}{ }$ 22 AD2 TYP. 24 8" TYP. T TYP 3 -[3]4"_{P.} 36 AD2 33 32 AD2 45 47 46 AD3 AD3 61 5 AD4 TYP.

ROOF PLAN 'A'

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

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



FRONT ELEVATION 'A'

ELEVATION NOTES

NOTE: NOT ALL KEY NOTES APPLY.

I. ROOF MATERIAL - REFER TO ROOF NOTES

2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

3. G.I. FLASHING

4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED

6. 24"x24" CHIMNEY 7. DECORATIVE VENT 8. DECORATIVE CORBEL. 14/ADI

9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE

II. RECESSED ELEMENT 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE

13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)

15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.

16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

IT. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS

18. STONE VENEER PER SPECS

19. BRICK/MASONRY VENEER PER SPECS

21. SOLDIER COURSE 22. ROWLOCK COURSE

23. FRIEZE BOARD
24. FIBER-CEMENT SIDING PER SPECS

25. P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE

26. PRE-FAB DECORATIVE TRIM

27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.)

29. FIBER-CEMENT SMOOTH BOARD SEE SPECS

30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.

31. BRACKET OR KICKER - FYPHON OR EQ.

32. ENTRY DOOR

33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS

35. ALUMINUM WRAP

36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF

38. KEYSTONE 39. SOLDIER CROWN

40. JACK SOLDIER COURSE

4I. WATER TABLE

42. ATRIUM DOOR

43. PILASTER - SEE ELEVATION FOR TYPE



ROOF MATERIAL: COMPOSITION SHINGLE

12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O. 12" (INCHES) TYPICAL ROOF OVERHANG AT EAVE. U.N.O.

LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

ATTIC VENT CALCULATIONS

PROVIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 9:-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOU VENTING) (2018 NC.-R 806.2)

** CALCULATION BY I/15O, HIGH/LOW VENTING NOT REQUIRED.

APPROXIMATE RIDBE VENT LOCATIONS SHOW.

ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

X 144 = 1253 SQ. IN TOTAL HIGH & LOW = 1253 SQ. IN × 50% = 626 SQ. IN

18 SQ. IN. / LF. = 756 SQ. IN 50 SQ. IN. EA. = 0 SQ. IN 756 SQ. IN

LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = ROOF VENT(S) AT 50 SQ. IN. EA. = TOTAL VENTILATION PROVIDED:

NOTES: ALL VENT OPENINGS SHALL BE COVERED WITH 1/4" CORROSION RESISTANT METAL MESH.

FRAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.

LOCATE HIGH VENTING MINIMUM 3'-O" VERTICAL DISTANCE ABOVE

HOME

NORTH CAROLINA 50' SERIES

кв номе NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

2018 NORTH **CAROLINA STATE** BUILDING

CODES

ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57 DIVISION MGR.:

REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD

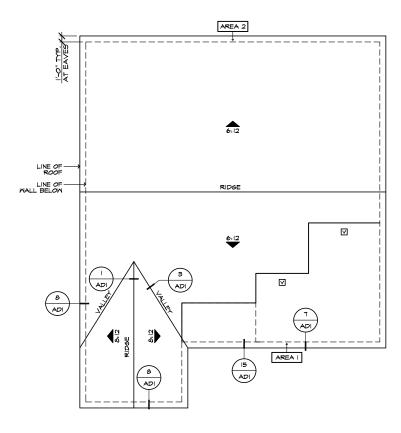
ADD NOTE TO TS' NC20037NCP · 10/06/20 · KBA

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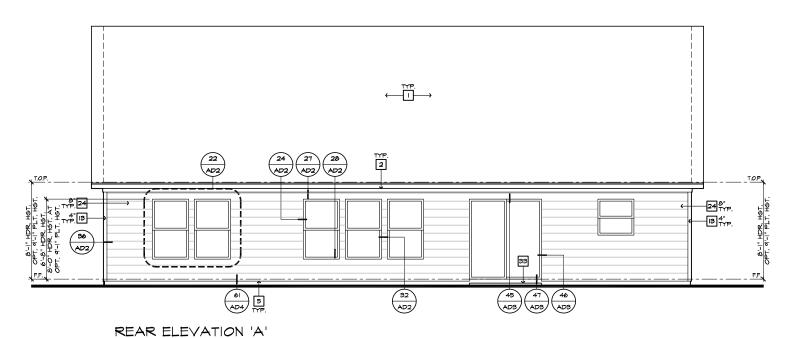
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NC23075NCP - 10/31/23 - CTD

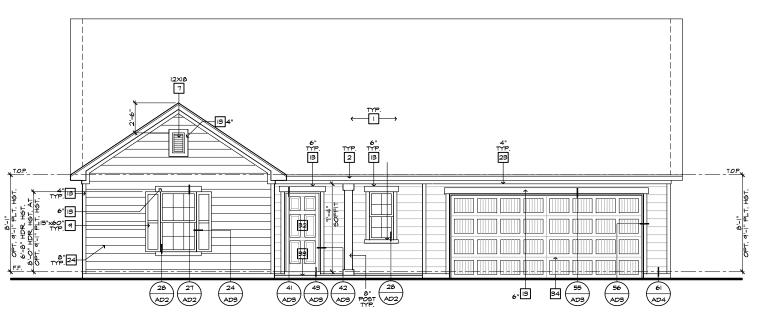
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ROOF PLAN 'A'

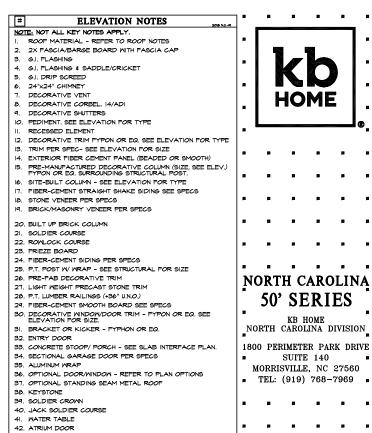
SCALE |/8"=|'-0" (22"X34") - |/|6"=|'-0" (||"X|7")





FRONT ELEVATION 'A'

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





ROOF MATERIAL: COMPOSITION SHINGLE

43. PILASTER - SEE ELEVATION FOR TYPE

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

ATTIC VENT CALCULATIONS ATTIC VENT CALCULATIONS

PROVIDE I SQ. IN. OF EXPILIATION PER SOO SQ. IN. OF ATTIC

SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF

THE RED. VENTILATING AREA IS PROVIDED BY VENTILATORS

LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)

AT 3'-O' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED

BY EAVE VENTS, (LOW VENTING) (2018 NC.-R 806.2)

* CALCULATION BY (JISO, HIGH/LOW VENTING NOT REQUIRED,

APPROXIMATE RIDGE VENT LOCATIONS SHOPN).

ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

ATTIC AF	EA = 416		5Q. FT. / 300	1.39 50	. FT
			× 144 =	200 50	. IN.
		TOT	AL HIGH & LOW =	200 50	. IN.
			× 50% =	100 50	. IN
VENTILAT	TION PROVIDED:				
<u>HIGH</u>					
2	ROOF VENT(S) AT	50	SQ. IN. EA. =	100 50	. IN
SUB-TOTA	AL HIGH VENTILATION:			100 50	. IN
LOW					
15	LF VENTILATED SOFFIT AT	6.9	5Q. IN. / LF. =	104 50	. IN
TOTAL V	ENTILATION PROVIDED:			204 50	. IN

ALL VENT OPENINGS SHALL BE COVERED WITH 1/4" CORROSION RESISTANT METAL MESH.

FRAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.

PROVIDE APPROVED INSULATION DAMS (BAFFLES) WHERE VENT BLOCKS ARE USED BETWEEN ROOF FRAMING MEMBERS TO PREVENT VENT HOLES FROM BEING BLOCKED BY INSULATION LOCATE HIGH VENTING MINIMUM 3'-O" VERTICAL DISTANCE ABOVE





50' SERIES

KB HOME

SUITE 140

2018 NORTH **CAROLINA STATE**

BUILDING

CODES

SHEET FOR WILLOW LANDING 09/10/18 ISSUE DATE: ■ PROJECT No.: 1350999:57 ■

12/23/19

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DIVISION MGR.: REVISIONS:

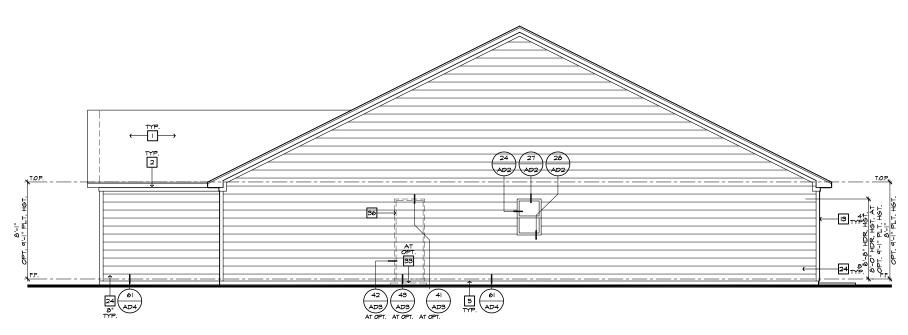
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OPTION REDUCTIONS
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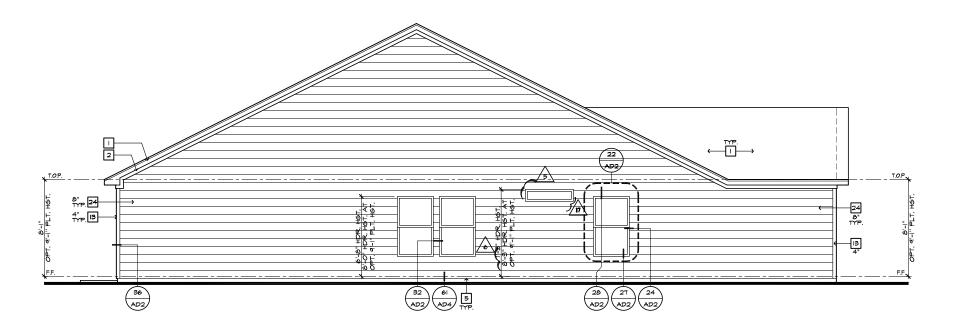
149.2115-R

3.A1-1



RIGHT ELEVATION 'A'

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



ELEVATION NOTES

NOTE: NOT ALL KEY NOTES APPLY.

I. ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

3. G.I. FLASHING

4. G.I. FLASHING & SADDLE/CRICKET
5. G.I. DRIP SCREED

6. 24"x24" CHIMNEY
7. DECORATIVE VENT

8. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS

IO. PEDIMENT. SEE ELEVATION FOR TYPE

II. RECESSED ELEMENT

12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)

 PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS

STONE VENEER PER SPECS
 BRICK/MASONRY VENEER PER SPECS

20. BUILT UP BRICK COLUMN

21. SOLDIER COURSE 22. ROWLOCK COURSE

23. FRIEZE BOARD
24. FIBER-CEMENT SIDING PER SPECS

25. P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM

27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.)

29. FIBER-CEMENT SMOOTH BOARD SEE SPECS

30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.

31. BRACKET OR KICKER - FYPHON OR EQ. 32. ENTRY DOOR

33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS

35. ALUMINUM WRAP

36. OPTIONAL DOOR/MINDOM - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF

38. KEYSTONE 39. SOLDIER CROWN

40. JACK SOLDIER COURSE 41. WATER TABLE

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

2018 NORTH CAROLINA STATE

HOME

NORTH CAROLINA

50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE

SUITE 140

MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

BUILDING CODES

ISSUE DATE: ■ PROJECT No.: 1350999:57 ■

DIVISION MGR.: 12/23/19 REVISIONS:

HOME OFFICE CORP20003CORP/- 08/20/20 CTD m

DIVISION REVISION NC22049NCP - 08/15/22 - EBA

DIVISION REVISION NC23023NCP · 02/16/23 · KBA PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

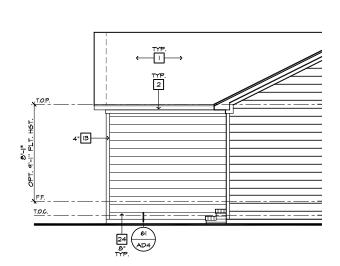
OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

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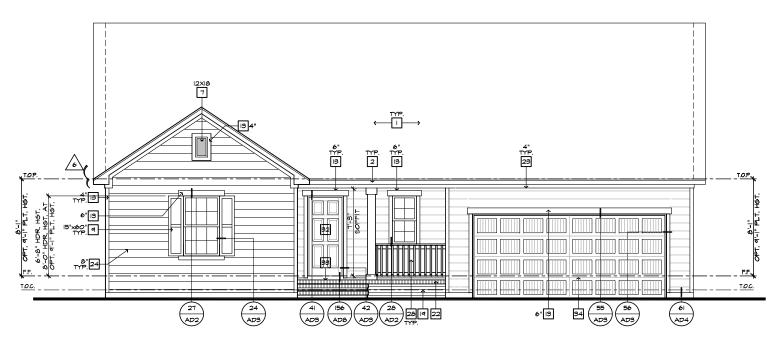
3.A2

SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

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

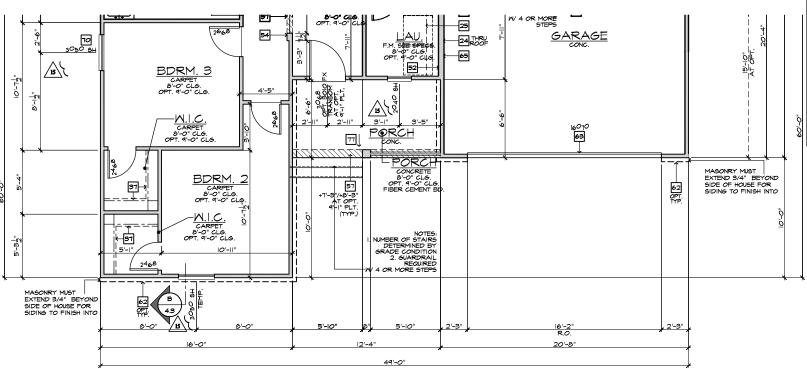


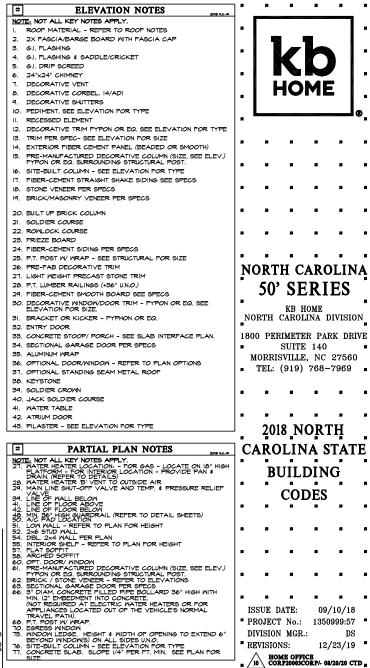
PARTIAL LEFT ELEVATION 'A' AT CRAWL SPACE SCALE 1/4"=1"-O" (22"X84") - 1/8"=1"-O" (11"X1T")

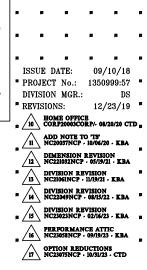


FRONT ELEVATION 'A' AT CRAWL SPACE

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







PLAN: 149.2115-R SHEET: 3.A3

NOTE:
REFER TO BASIC ELEVATIONS FOR INFORMATION NOT
SHOWN HERE

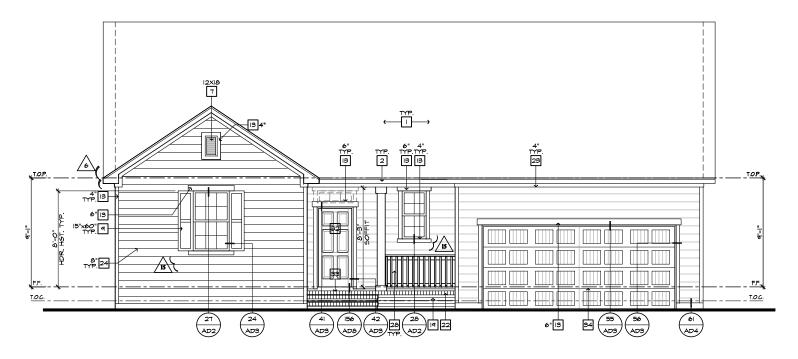
RALEIGH-DURHAM

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

SPEC. LEVEL 1

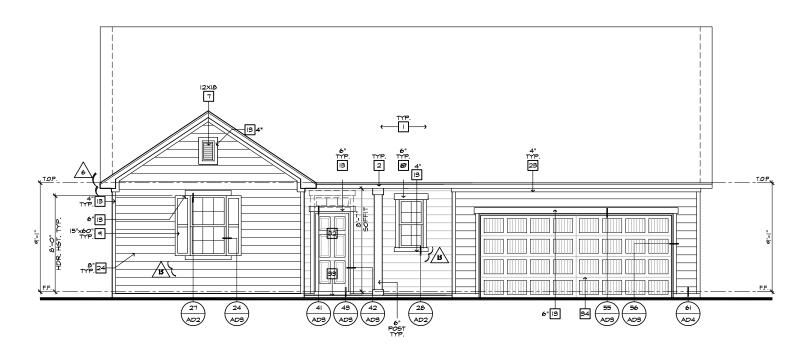
RALEIGH-DURHAM

50' SERIES



FRONT ELEVATION 'A' W/ CRAWL SPACE AT OPTIONAL 9'-I" PLT. HGT.

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



FRONT ELEVATION 'A' AT OPTIONAL 9'-1" PLT. HGT.

SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")

ELEVATION NOTES

- NOTE: NOT ALL KEY NOTES APPLY.

 I. ROOF MATERIAL REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
- 3. G.I. FLASHING
- 4. G.I. FLASHING & SADDLE/CRICKET
 5. G.I. DRIP SCREED
- 6. 24"x24" CHIMNEY 7. DECORATIVE VENT
- 8. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS
- IO. PEDIMENT. SEE ELEVATION FOR TYPE II. RECESSED ELEMENT
- 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
- 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)
- PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
- 16. SITE-BUILT COLUMN SEE ELEVATION FOR TYPE
- IT. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS 18. STONE VENEER PER SPECS
- 19. BRICK/MASONRY VENEER PER SPECS
- 20. BUILT UP BRICK COLUMN
- 21. SOLDIER COURSE 22. ROWLOCK COURSE
- 23. FRIEZE BOARD
 24. FIBER-CEMENT SIDING PER SPECS
- 25. P.T. POST W WRAP SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM
- 27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.)
- 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS
- 30. DECORATIVE WINDOW/DOOR TRIM FYPON OR EQ. SEE ELEVATION FOR SIZE.
- 31. BRACKET OR KICKER FYPHON OR EQ. 32. ENTRY DOOR
- 33. CONCRETE STOOP/ PORCH SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS
- 35. ALUMINUM WRAP
- 36. OPTIONAL DOOR/WINDOW REFER TO PLAN OPTIONS
- 37. OPTIONAL STANDING SEAM METAL ROOF
- 38. KEYSTONE 39. SOLDIER CROWN
- 40. JACK SOLDIER COURSE
- 4I. WATER TABLE
- 43. PILASTER SEE ELEVATION FOR TYPE



NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

2018 NORTH CAROLINA STATE BUILDING CODES

09/10/18 ISSUE DATE: ■ PROJECT No.: 1350999:57 ■ DIVISION MGR.:

REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD m

DIVISION REVISION NC22049NCP - 08/15/22 - KBA DIVISION REVISION NC23023NCP - 02/16/23 - KBA

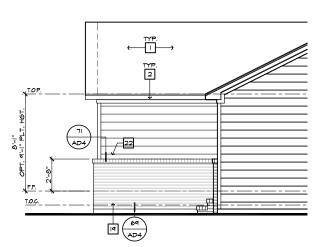
PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

OPTION REDUCTIONS
NC23075NCP - 10/31/23 - CTD

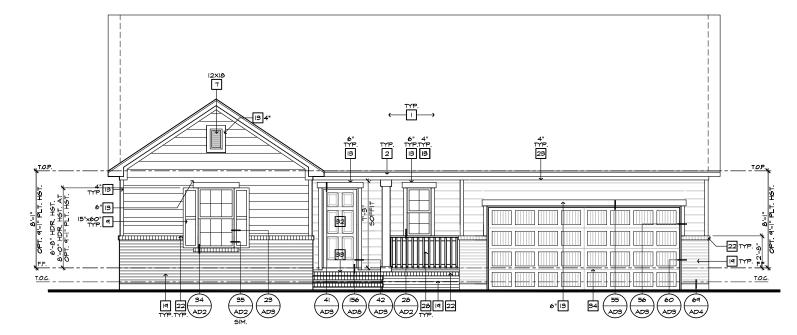
149.2115-R 3.A4

SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

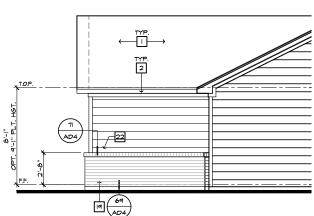


PARTIAL RIGHT ELEVATION 'A' W/ BRICK AT CRAWL SPACE SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

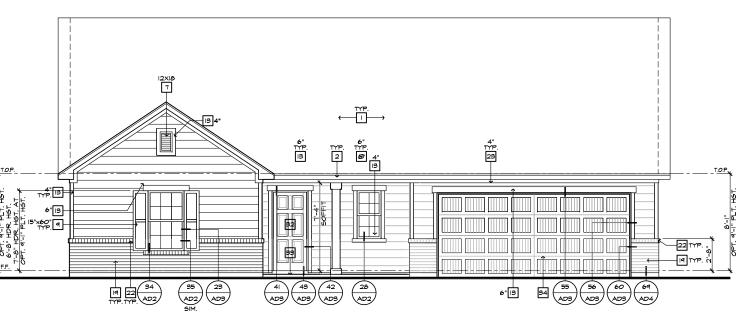


FRONT ELEVATION 'A' W/ BRICK AT CRAWL SPACE

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



PARTIAL RIGHT ELEVATION 'A' W/ BRICK OPTION SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")



FRONT ELEVATION 'A' W/ BRICK OPTION

ELEVATION NOTES

NOTE: NOT ALL KEY NOTES APPLY. ROOF MATERIAL - REFER TO ROOF NOTES

2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

3. G.I. FLASHING

4. G.I. FLASHING & SADDLE/CRICKET

5. G.I. DRIP SCREED

6. 24"x24" CHIMNEY 7. DECORATIVE VENT

DECORATIVE CORBEL. 14/ADI

9. DECORATIVE SHUTTERS

IO. PEDIMENT. SEE ELEVATION FOR TYPE RECESSED ELEMENT

12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE

 TRIM PER SPEC- SEE ELEVATION FOR SIZE
 EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH, PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.

16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS

18. STONE VENEER PER SPECS

19. BRICK/MASONRY VENEER PER SPECS

20. BUILT UP BRICK COLUMN 21. SOLDIER COURSE

22. ROWLOCK COURSE

23. FRIEZE BOARD
24. FIBER-CEMENT SIDING PER SPECS

25. P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM

27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.)

29. FIBER-CEMENT SMOOTH BOARD SEE SPECS 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.

31. BRACKET OR KICKER - FYPHON OR EQ. 32. ENTRY DOOR

33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.

34. SECTIONAL GARAGE DOOR PER SPECS

36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF

38. KEYSTONE 39. SOLDIER CROWN

40. JACK SOLDIER COURSE

4I. MATER TABLE 42. ATRIUM DOOR

43. PILASTER - SEE ELEVATION FOR TYPE

HOME

NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969

2018 NORTH **CAROLINA STATE** BUILDING **CODES**

ISSUE DATE: PROJECT No.: 1350999:57

12/23/19 REVISIONS: HOME OFFICE CORP20003CORP/- 00/20/20 CTD

DIVISION MGR.:

DIVISION REVISION NC22049NCP - 08/15/22 - KBA

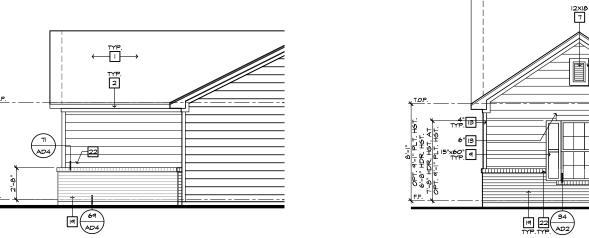
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NC20037NCP · 10/06/20 · KBA

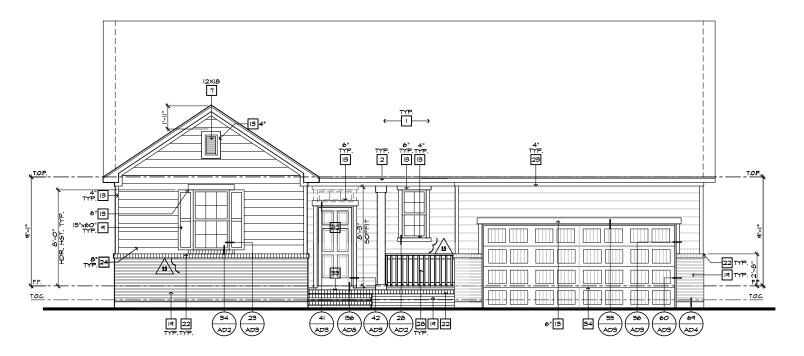
DIVISION REVISION
NC23023NCP · 02/16/23 · KBA

PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA OPTION REDUCTIONS NC23075NCP · 10/31/23 · CTD

149.2115-R

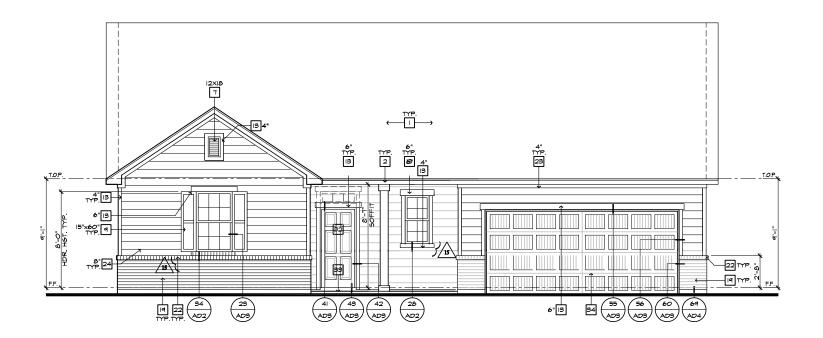
3.A5





FRONT ELEVATION 'A' W/ BRICK AT CRAWL SPACE AT OPTIONAL 9'-I" PLT. HGT.

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



FRONT ELEVATION 'A' W/ BRICK AT OPTIONAL 9'-I" PLT. HGT.

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

ELEVATION NOTES

- NOTE: NOT ALL KEY NOTES APPLY.

 I. ROOF MATERIAL REFER TO ROOF NOTES
- 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
- 3. G.I. FLASHING
- 4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED
- 6. 24"x24" CHIMNEY 7. DECORATIVE VENT
- 8. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS
- IO. PEDIMENT. SEE ELEVATION FOR TYPE
- II. RECESSED ELEMENT
- 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
- 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)
- PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
- 16. SITE-BUILT COLUMN SEE ELEVATION FOR TYPE
- IT. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS
- 18. STONE VENEER PER SPECS
- 19. BRICK/MASONRY VENEER PER SPECS
- 20. BUILT UP BRICK COLUMN
- 21. SOLDIER COURSE
- 22. ROWLOCK COURSE
- 23. FRIEZE BOARD
 24. FIBER-CEMENT SIDING PER SPECS
- 25. P.T. POST W WRAP SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM
- 27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.)
- 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS
- 30. DECORATIVE WINDOW/DOOR TRIM FYPON OR EQ. SEE ELEVATION FOR SIZE.
- 31. BRACKET OR KICKER FYPHON OR EQ. 32. ENTRY DOOR
- 33. CONCRETE STOOP/ PORCH SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS
- 35. ALUMINUM WRAP 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
- 37. OPTIONAL STANDING SEAM METAL ROOF
- 38. KEYSTONE 39. SOLDIER CROWN
- 40. JACK SOLDIER COURSE 4I. WATER TABLE
- 42. ATRIUM DOOR
- 43. PILASTER SEE ELEVATION FOR TYPE



NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

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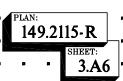
2018 NORTH **CAROLINA STATE** BUILDING CODES

ISSUE DATE: 09/10/18 ■ PROJECT No.: 1350999:57 ■ DIVISION MGR.:

REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD m

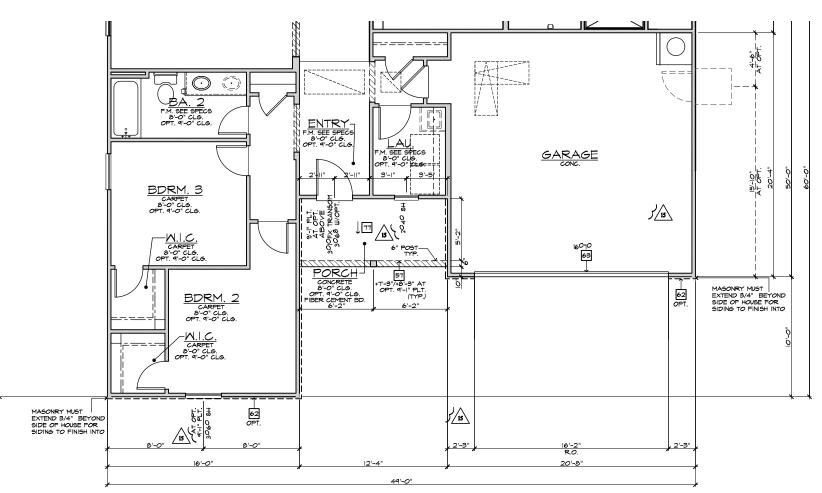
DIVISION REVISION NC22049NCP - 08/15/22 - KBA DIVISION REVISION NC23023NCP - 02/16/23 - KBA

OPTION REDUCTIONS
NC23075NCP - 10/31/23 - CTD



SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

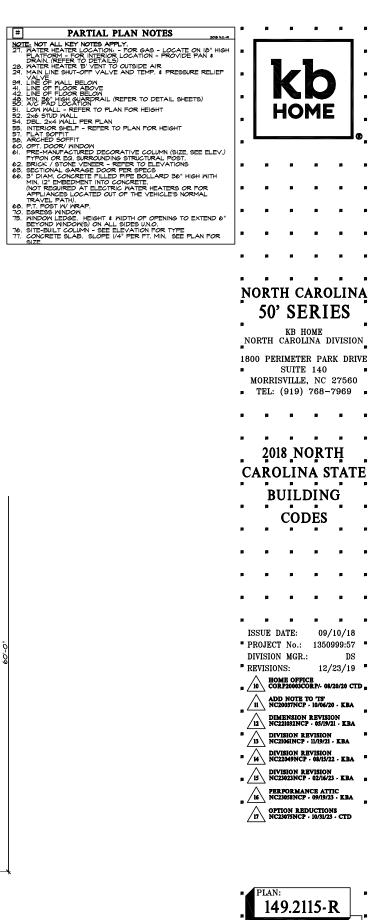
NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE



PARTIAL FIRST FLOOR PLAN 'B'

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

BASIC PLAN

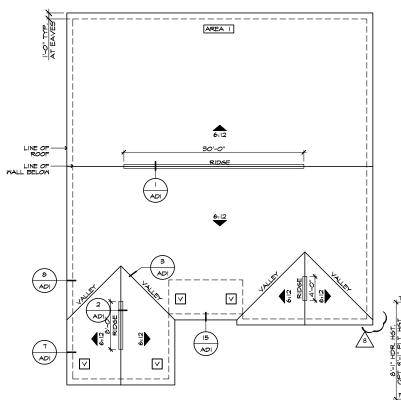


149.2115-R
SHEET:
3.B1

spec. level 1

RALEIGH-DURHAM

50' SERIES



 $\longleftarrow \stackrel{\text{TYP.}}{ }$ 24 AD2 AD2 AD2 AD2 22 AD2 TYP. 24 5" TYP. 9-1" HDR. HGT.

9-1" HDR. HGT.

9-1" HDR. HGT.

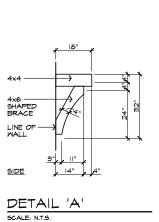
9-1" HDR. HGT.

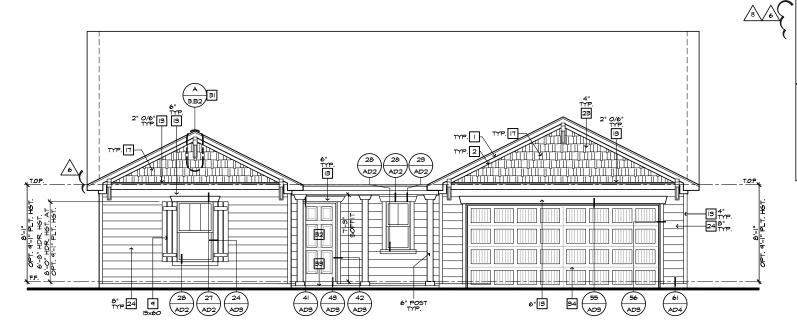
9-1" PLT. HGT.

9-1" PLT. HGT. -[13] 4" TYP. 36 AD2 33 45 47 46 AD3 AD3 32 AD2 61 5 AD4 TYP

ROOF PLAN 'B'

SCALE I/8"=1'-0" (22"X34") - I/I6"=1'-0" (II"XI7")





FRONT ELEVATION 'B' SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")

REAR ELEVATION 'B'

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

ELEVATION NOTES

NOTE: NOT ALL KEY NOTES APPLY.

I. ROOF MATERIAL - REFER TO ROOF NOTES

2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

3. G.I. FLASHING

4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED

6. 24"x24" CHIMNEY 7. DECORATIVE VENT

8. DECORATIVE CORBEL. 14/ADI

9. DECORATIVE SHUTTERS

IO. PEDIMENT. SEE ELEVATION FOR TYPE I. RECESSED ELEMENT

12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE

13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)

15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.

16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

IT. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS

18. STONE VENEER PER SPECS

19. BRICK/MASONRY VENEER PER SPECS

21. SOLDIER COURSE

22. ROWLOCK COURSE

23. FRIEZE BOARD
24. FIBER-CEMENT SIDING PER SPECS

25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE

26. PRE-FAB DECORATIVE TRIM

27. LIGHT WEIGHT PRECAST STONE TRIM

28. P.T. LUMBER RAILINGS (+36" U.N.O.)

29. FIBER-CEMENT SMOOTH BOARD SEE SPECS

30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.

31. BRACKET OR KICKER - FYPHON OR EQ. 32. ENTRY DOOR

33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS

35. ALUMINUM WRAP

36. OPTIONAL DOOR/MINDOW - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF

38. KEYSTONE 39. SOLDIER CROWN

40. JACK SOLDIER COURSE

4I. WATER TABLE

42. ATRIUM DOOR

43. PILASTER - SEE ELEVATION FOR TYPE



ROOF MATERIAL: COMPOSITION SHINGLE

12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O. 12" (INCHES) TYPICAL ROOF OVERHANG AT EAVE. U.N.O.

LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

ATTIC VENT CALCULATIONS

PROVIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 9:-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOU VENTING) (2018 NC.-R 806.2)

** CALCULATION BY I/15O, HIGH/LOW VENTING NOT REQUIRED.

APPROXIMATE RIDBE VENT LOCATIONS SHOW.

ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

X |44 = | 1248 5Q. | N.

TOTAL HIGH & LOW = | 1248 5Q. | N.

× 50% = | 624 5Q. | N.

18 SQ. IN. / LF. = 756 SQ. IN 50 SQ. IN. EA. = 0 SQ. IN 756 SQ. IN LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 483 SQ. IN. ROOF VENT(S) AT 50 SQ. IN. EA. = 200 SQ. IN.

TOTAL VENTILATION PROVIDED: NOTES:

ALL VENT OPENINGS SHALL BE COVERED WITH 1/4" CORROSION RESISTANT METAL MESH.

FRAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.

LOCATE HIGH VENTING MINIMUM 3'-O" VERTICAL DISTANCE ABOVE

HOME

NORTH CAROLINA 50' SERIES

кв номе NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

2018 NORTH **CAROLINA STATE** BUILDING

CODES

ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57

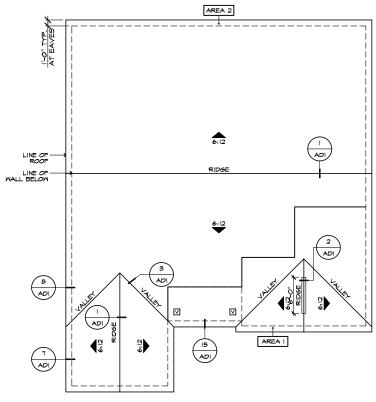
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DIVISION REVISION NC23023NCP - 02/16/23 - KBA

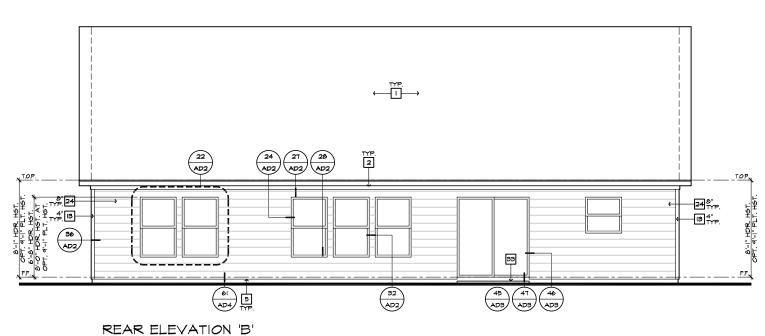
OPTION REDUCTIONS
NC23075NCP - 10/31/23 - CTD

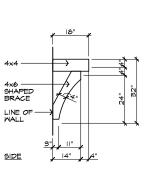
149.2115-R

3.B2

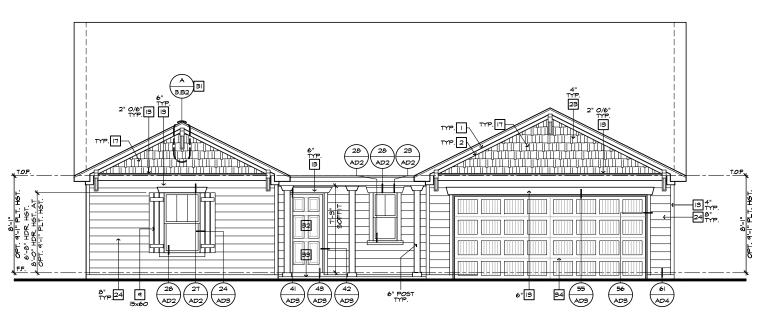


ROOF PLAN 'B' SCALE I/8"=1'-0" (22"X34") - I/I6"=1'-0" (II"XI7")





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



FRONT ELEVATION 'B'

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

SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")





40. JACK SOLDIER COURSE 4I. WATER TABLE 42. ATRIUM DOOR

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

43. PILASTER - SEE ELEVATION FOR TYPE

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

ATTIC VENT CALCULATIONS ATTIC VENT CALCULATIONS

PROVIDE I SQ. IN, O' EVENTILATION PER 300 9Q. IN, OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 20% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3'-0' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NG.-R 306.2)

* CALCULATION BY VISO, HIGHLOW VENTING NOT REQUIRED.

APPROXIMATE RIDGE VENT LOCATIONS SHOWN.

ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

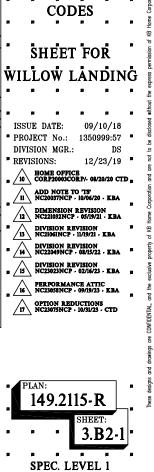
	TION REGUIRED:			
ATTIC AF	REA = 406		50. FT. / 300	2 1.35 SQ. F
			X 144	= 195 SQ. I
		TOT	AL HIGH & LOW	= 195 SQ. I
			× 50%	= 47 50.1
VENTILA"	TION PROVIDED:			
<u>HIGH</u>				
6	LF RIDGE VENT(S) AT	18	5Q. IN. / LF. =	108 SQ. 1
SUB-TOTA	AL HIGH VENTILATION:			108 SQ. 1
LOW				
2	ROOF VENT(S) AT	50	5Q. IN. EA. =	100 50.1
TOTAL V	ENTILATION PROVIDED:			208 50.1

ALL VENT OPENINGS SHALL BE COVERED WITH 1/4" CORROSION RESISTANT METAL MESH.

FRAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.

PROVIDE APPROVED INSULATION DAMS (BAFFLES) WHERE VENT BLOCKS ARE USED BETWEEN ROOF FRAMING MEMBERS TO PREVENT VENT HOLES FROM BEING BLOCKED BY INSULATION. LOCATE HIGH VENTING MINIMUM 3'-O" VERTICAL DISTANCE ABOVE

NOTE:
PERFORMANCE CONDITIONED ATTIC. NO VENTILATION
REQUIRED. SEE ALSO ENERGY CALCULATIONS.



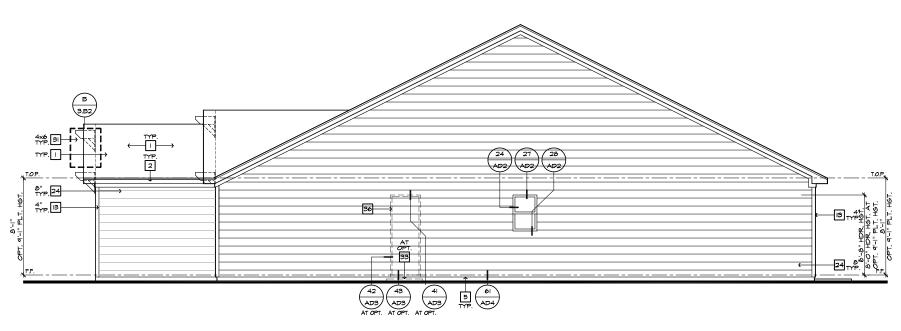
RALEIGH-DURHAM

50' SERIES

SUITE 140

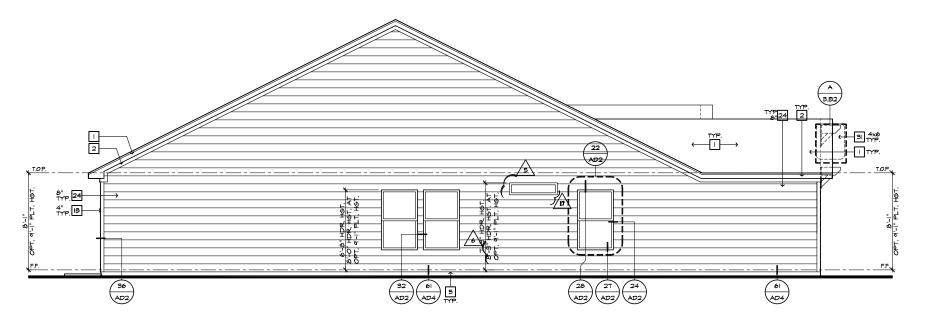
2018 NORTH **CAROLINA STATE**

BUILDING



RIGHT ELEVATION 'B'

SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")



LEFT ELEVATION 'B'

SCALE |/4"=1'-0" (22"X34") - |/8"=1'-0" (||"X|7")

ELEVATION NOTES

NOTE: NOT ALL KEY NOTES APPLY.

I. ROOF MATERIAL - REFER TO ROOF NOTES

2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

3. G.I. FLASHING

4. G.I. FLASHING & SADDLE/CRICKET
5. G.I. DRIP SCREED

6. 24"x24" CHIMNEY 7. DECORATIVE VENT

8. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS

IO. PEDIMENT. SEE ELEVATION FOR TYPE

II. RECESSED ELEMENT

12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE

13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)

PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.

16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS

STONE VENEER PER SPECS
 BRICK/MASONRY VENEER PER SPECS

20. BUILT UP BRICK COLUMN

21. SOLDIER COURSE 22. ROWLOCK COURSE

23. FRIEZE BOARD
24. FIBER-CEMENT SIDING PER SPECS

25. P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM

27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.)

29. FIBER-CEMENT SMOOTH BOARD SEE SPECS

30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.

31. BRACKET OR KICKER - FYPHON OR EQ. 32. ENTRY DOOR

33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS

35. ALUMINUM WRAP

36. OPTIONAL DOOR/MINDOM - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF

38. KEYSTONE 39. SOLDIER CROWN

40. JACK SOLDIER COURSE 41. WATER TABLE

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

HOME

NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969

2018 NORTH CAROLINA STATE BUILDING CODES

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HOME OFFICE CORP20003CORP/- 08/20/20 CTD m

REVISIONS:

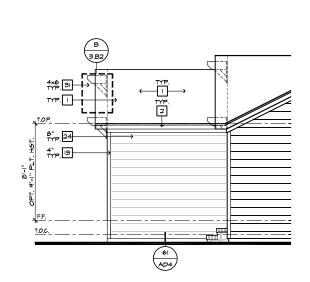
12/23/19

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NC23023NCP · 02/16/23 · KBA

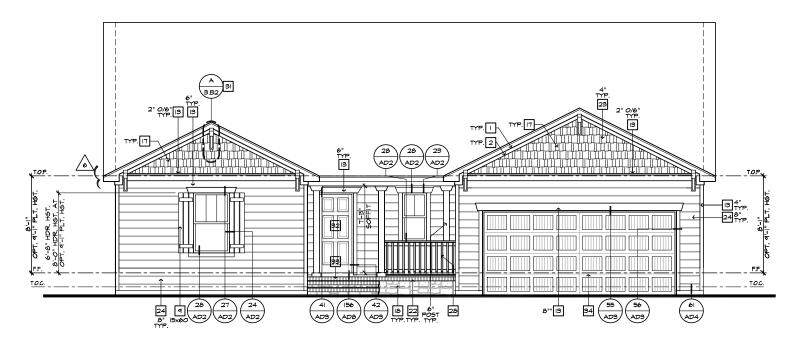
OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

PLAN: 149.2115-R

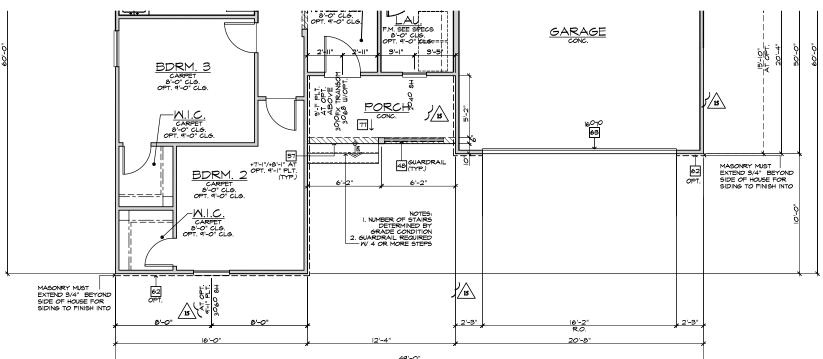
3.**B**3



PARTIAL LEFT ELEVATION 'B' AT CRAWL SPACE



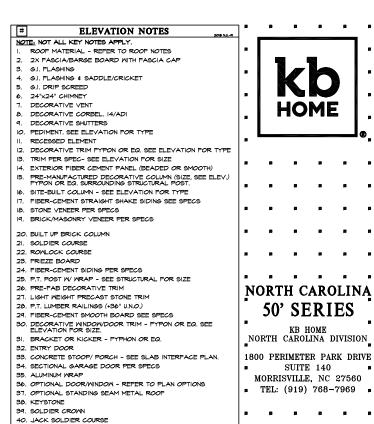
FRONT ELEVATION 'B' AT CRAWL SPACE

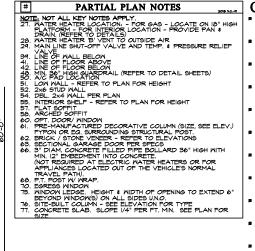


PARTIAL FIRST FLOOR PLAN 'B' AT CRAWL SPACE

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

BASIC PLAN





4I. WATER TABLE 42. ATRIUM DOOR

43. PILASTER - SEE ELEVATION FOR TYPE



2018 NORTH **CAROLINA STATE** BUILDING

CODES

кв номе

SUITE 140

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

DIVISION REVISION NC2106INCP - 11/19/21 - KBA DIVISION REVISION NC22049NCP - 08/15/22 - EBA

DIVISION REVISION NC23023NCP · 02/16/23 · KBA PERFORMANCE ATTIC NC23058NCP • 09/19/23 • KBA

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149.2115-R

3.**B**4

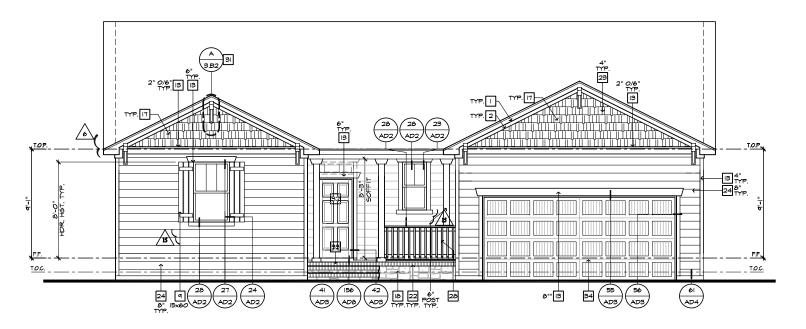
SHEET:

SPEC. LEVEL 1

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

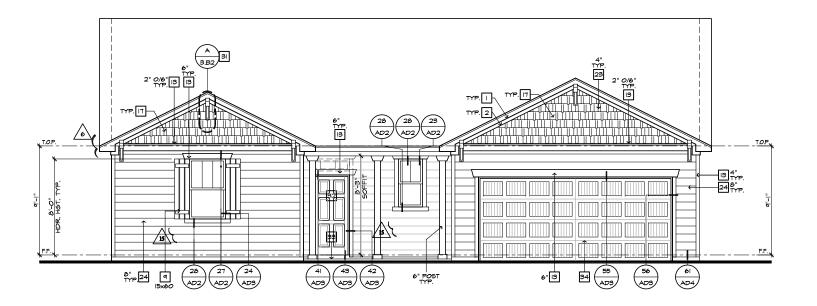
<u>NOTE:</u> REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

RALEIGH-DURHAM 50' SERIES



FRONT ELEVATION 'B' W/ CRAWL SPACE AT OPTIONAL 9'-I" PLT. HGT.

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



FRONT ELEVATION 'B' AT OPTIONAL 9'-I" PLT. HGT.

SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")

ELEVATION NOTES

NOTE: NOT ALL KEY NOTES APPLY.

I. ROOF MATERIAL - REFER TO ROOF NOTES

2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

3. G.I. FLASHING

4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED

6. 24"x24" CHIMNEY 7. DECORATIVE VENT

8. DECORATIVE CORBEL. 14/ADI

9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE

II. RECESSED ELEMENT

12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE

13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)

PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.

16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

IT. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS 18. STONE VENEER PER SPECS

19. BRICK/MASONRY VENEER PER SPECS

21. SOLDIER COURSE 22. ROWLOCK COURSE

23. FRIEZE BOARD
24. FIBER-CEMENT SIDING PER SPECS

25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE

26. PRE-FAB DECORATIVE TRIM

27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.)

29. FIBER-CEMENT SMOOTH BOARD SEE SPECS

30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.

31. BRACKET OR KICKER - FYPHON OR EQ. 32. ENTRY DOOR

33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS

35. ALUMINUM WRAP

36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF

38. KEYSTONE 39. SOLDIER CROWN

40. JACK SOLDIER COURSE

4I. WATER TABLE

42. ATRIUM DOOR

43. PILASTER - SEE ELEVATION FOR TYPE

HOME

NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140

MORRISVILLE, NC 27560 TEL: (919) 768-7969 m

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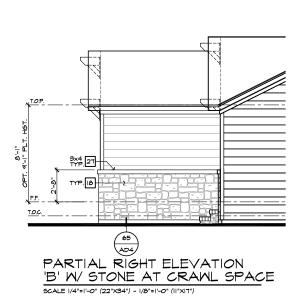
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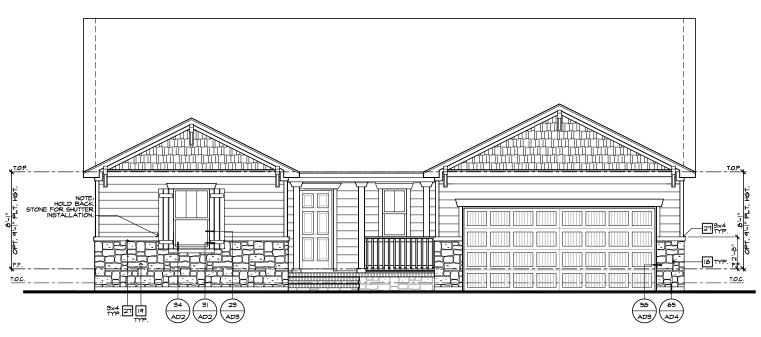
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3.**B**5

SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

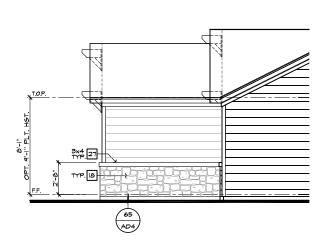
NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE



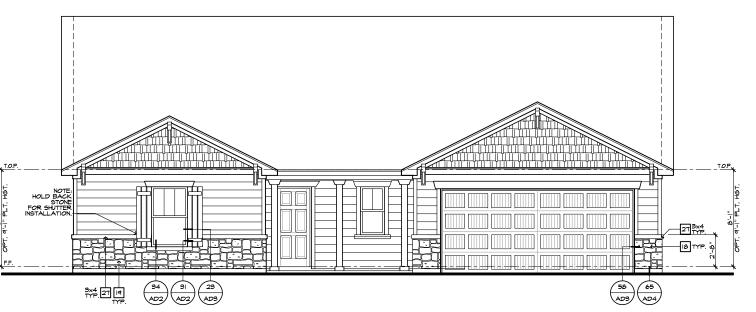


FRONT ELEVATION 'B' W/ STONE AT CRAWL SPACE

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



PARTIAL RIGHT ELEVATION 'B' W/ STONE OPTION SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")



ELEVATION NOTES

NOTE: NOT ALL KEY NOTES APPLY.

I. ROOF MATERIAL - REFER TO ROOF NOTES

2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

3. G.I. FLASHING

4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED

6. 24"x24" CHIMNEY 7. DECORATIVE VENT

8. DECORATIVE CORBEL. 14/ADI

9. DECORATIVE SHUTTERS

IO. PEDIMENT. SEE ELEVATION FOR TYPE II. RECESSED ELEMENT

12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE

13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)

15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.

16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE IT. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS

18. STONE VENEER PER SPECS 19. BRICK/MASONRY VENEER PER SPECS

21. SOLDIER COURSE

22. ROWLOCK COURSE

23. FRIEZE BOARD
24. FIBER-CEMENT SIDING PER SPECS

25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE

26. PRE-FAB DECORATIVE TRIM

27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.)

29. FIBER-CEMENT SMOOTH BOARD SEE SPECS

30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.

31. BRACKET OR KICKER - FYPHON OR EQ. 32. ENTRY DOOR

33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.

34. SECTIONAL GARAGE DOOR PER SPECS 35. ALUMINUM WRAP

36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF

38. KEYSTONE 39. SOLDIER CROWN

40. JACK SOLDIER COURSE

4I. WATER TABLE 42. ATRIUM DOOR

43. PILASTER - SEE ELEVATION FOR TYPE

NORTH CAROLINA 50' SERIES KB HOME NORTH CAROLINA DIVISION 1800 PERIMETER PARK DRIVE

HOME

SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

2018 NORTH **CAROLINA STATE** BUILDING CODES

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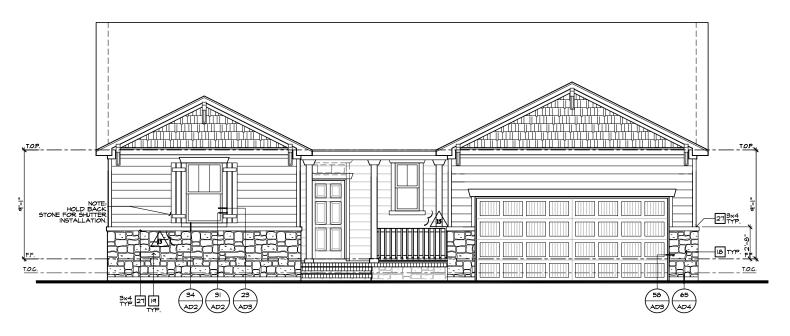
DIVISION REVISION NC23023NCP - 02/16/23 - KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

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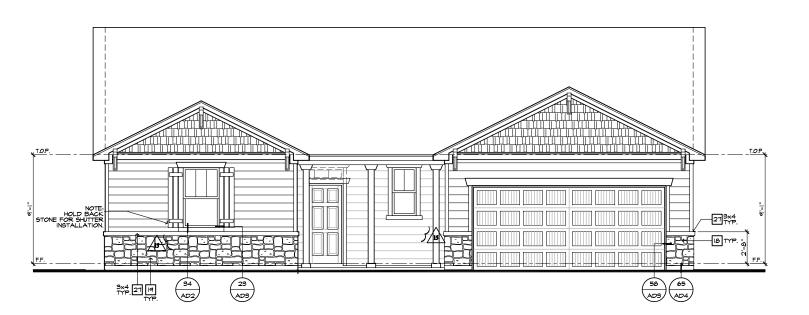
3.**B**6





FRONT ELEVATION 'B' W/ STONE AT CRAWL SPACE AT OPTIONAL 9'-I" PLT. HGT.

SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")



FRONT ELEVATION 'B' W/ STONE AT OPTIONAL 9'-I" PLT. HGT.

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

ELEVATION NOTES

NOTE: NOT ALL KEY NOTES APPLY.

I. ROOF MATERIAL - REFER TO ROOF NOTES

2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

3. G.I. FLASHING

4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED

6. 24"x24" CHIMNEY 7. DECORATIVE VENT

8. DECORATIVE CORBEL. 14/ADI

9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE

II. RECESSED ELEMENT 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE

13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)

PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.

16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

IT. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS

18. STONE VENEER PER SPECS

19. BRICK/MASONRY VENEER PER SPECS

20. BUILT UP BRICK COLUMN

21. SOLDIER COURSE 22. ROWLOCK COURSE

23. FRIEZE BOARD
24. FIBER-CEMENT SIDING PER SPECS

25. P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM

27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.)

29. FIBER-CEMENT SMOOTH BOARD SEE SPECS

30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.

31. BRACKET OR KICKER - FYPHON OR EQ. 32. ENTRY DOOR

33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS

35. ALUMINUM WRAP 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS

37. OPTIONAL STANDING SEAM METAL ROOF

38. KEYSTONE 39. SOLDIER CROWN

40. JACK SOLDIER COURSE 4I. WATER TABLE

42. ATRIUM DOOR

43. PILASTER - SEE ELEVATION FOR TYPE

HOME

NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

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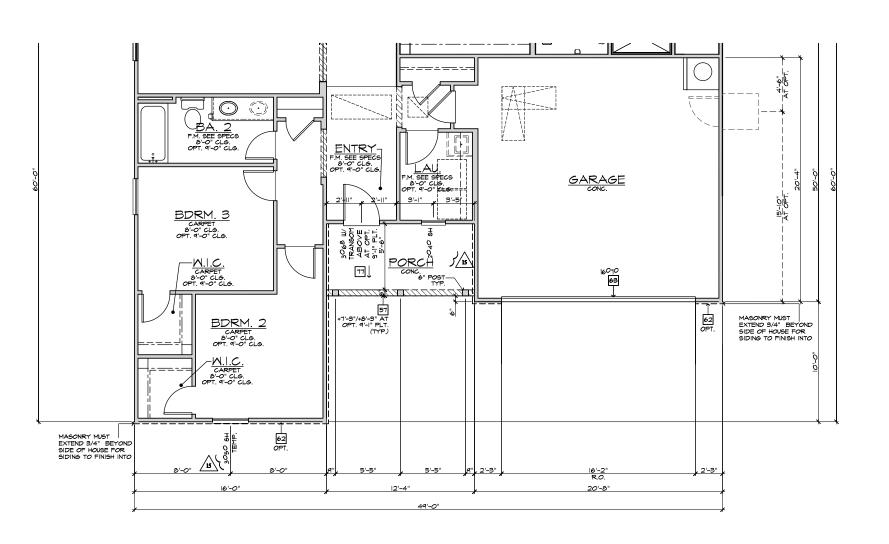
DIVISION REVISION NC23023NCP - 02/16/23 - KBA

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NC23075NCP - 10/31/23 - CTD

149.2115-R 3.**B**7

SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE



PARTIAL FIRST FLOOR PLAN 'C'

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

PARTIAL PLAN NOTES

NOTE: NOT ALL KEY NOTES APPLY

27 MARTHE HEATER LOCATION: - FOR GAS - LOCATE ON 19" HIGH PLATFORM - FOR INTERIOR LOCATION: - PROVIDE PAN & DRAIN, (REFER TO DETAILS)

28. MATER HEATER DO DETAILS)

29. MAIN LINE SHIT-OF VALVE AND TEMP. & PRESSURE RELIEF

39. LINE OF PLAN ABOVE

41. LINE OF PLAN BOVE

42. LINE OF FLOOR BELOW

43. LINE OF FLOOR BELOW

43. LINE OF PLAN FOR HEIGHT

52. 246 STID WALL

54. DBL. 244 WALL PER PLAN

55. INTERIOR SHELF R. REFER TO PLAN FOR HEIGHT

57. FLAT SOFFIT

60. ORDINAL SELECTION

60. PRE-MAUFACTRED DECORATIVE COLUMN (SIZE, SEE ELEV.)

FPE-MAUFACTRED DECORATIVE COLUMN (SIZE, SEE ELEV.)

61. SECTIONAL GARAGE DOOR PER SPECS

63. SECTIONAL GARAGE DOOR PER SPECS

64. ST DIAM CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN 12" EMBEDDMENT INTO CONCRETE.

(NOT REGUIRED AT ELECTRIC MATER HEATERS OR FOR AFPLIANCES SCOATED OUT OF THE VEHICLES NORMAL

65. P.T. POST NY WRAP.

10. ESPECS MINDOW

15. MINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYON MINDOW 15. HIGH TO SEE ELEVATION FOR TYPE

16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

17. SOURCETE SLAB. SLOPE I/4" PER FT. MIN. SEE PLAN FOR THE SIZE.

PARTIAL PLAN NOTES

HOME

NORTH CAROLINA 50' SERIES

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1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560 m TEL: (919) 768-7969 m

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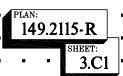
ADD NOTE TO 'TS' NC20037NCP - 10/06/20 - KBA DIMENSION REVISION NC221032NCP - 05/19/21 - KBA

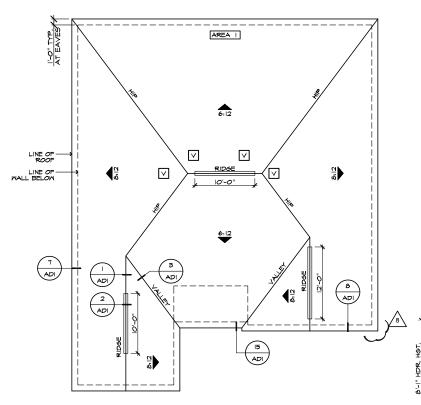
DIVISION REVISION NC22049NCP - 08/15/22 - EBA

DIVISION REVISION
NC23023NCP · 02/16/23 · KBA

PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

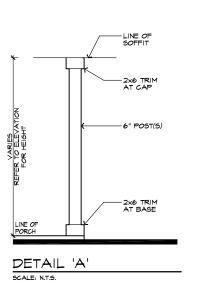


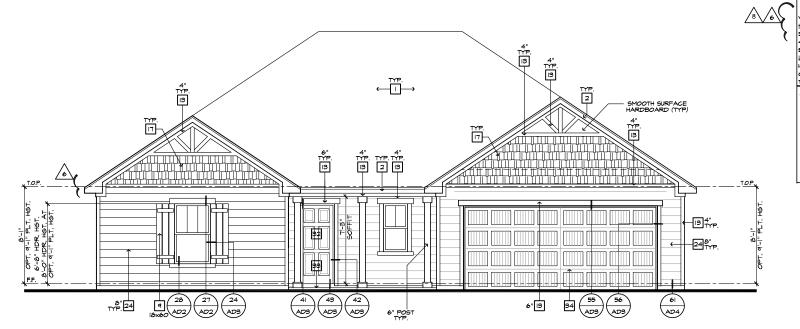


22 AD2 24 AD2 27 AD2 AD2 AD2 TYP. 24 5" TYP. ¥ -,4"[13]--[13] 4" TYP. 9'-1" HDR. H OPT. 9'-1" PLT. | 6'-8" HDR. HGT 8'-0" HDR. HGT. OPT. 9'-1" PLT. H 36 AD2 33 32 AD2 45 AD3 AD3 AD3 AD3 6l 5 AD4 TYP.

ROOF PLAN 'C'

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





ELEVATION NOTES

NOTE: NOT ALL KEY NOTES APPLY.

I. ROOF MATERIAL - REFER TO ROOF NOTES

2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

3. G.I. FLASHING

4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED

6. 24"x24" CHIMNEY 7. DECORATIVE VENT

8. DECORATIVE CORBEL. 14/ADI

9. DECORATIVE SHUTTERS II. RECESSED ELEMENT

IO. PEDIMENT. SEE ELEVATION FOR TYPE

12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE

13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)

15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.

16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

IT. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS

18. STONE VENEER PER SPECS

19. BRICK/MASONRY VENEER PER SPECS

20. BUILT UP BRICK COLUMN

21. SOLDIER COURSE

22. ROWLOCK COURSE

23. FRIEZE BOARD
24. FIBER-CEMENT SIDING PER SPECS

25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE

26. PRE-FAB DECORATIVE TRIM

27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.)

29. FIBER-CEMENT SMOOTH BOARD SEE SPECS

30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.

31. BRACKET OR KICKER - FYPHON OR EQ. 32. ENTRY DOOR

33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.

34. SECTIONAL GARAGE DOOR PER SPECS

35. ALUMINUM WRAP

36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF

38. KEYSTONE 39. SOLDIER CROWN

40. JACK SOLDIER COURSE

4I. WATER TABLE

42. ATRIUM DOOR

43. PILASTER - SEE ELEVATION FOR TYPE



ROOF MATERIAL: COMPOSITION SHINGLE

12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O. 12" (INCHES) TYPICAL ROOF OVERHANG AT EAVE. U.N.O.

LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

ATTIC VENT CALCULATIONS PROVIDE I 5Q. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 9:-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOU VENTING) (2018 NC.-R 806.2)

** CALCULATION BY I/15O, HIGH/LOW VENTING NOT REQUIRED.

APPROXIMATE RIDBE VENT LOCATIONS SHOW.

ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

5Q. FT. / 300 8.68 5Q. F X 144 = 1250 SQ. IN TOTAL HIGH & LOW = 1250 SQ. IN × 50% = 625 SQ. IN

18 SQ. IN. / LF. = 540 SQ. IN. 50 SQ. IN. EA. = 200 SQ. IN. 740 SQ. IN. LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = ROOF VENT(S) AT 50 SQ. IN. EA. =

TOTAL VENTILATION PROVIDED: NOTES:

ALL VENT OPENINGS SHALL BE COVERED WITH 1/4" CORROSION RESISTANT METAL MESH.

FRAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.

LOCATE HIGH VENTING MINIMUM 3'-O" VERTICAL DISTANCE ABOVE

HOME

NORTH CAROLINA 50' SERIES

кв номе NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

2018 NORTH **CAROLINA STATE** BUILDING

CODES

ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57 DIVISION MGR.:

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

DIVISION REVISION NC22049NCP - 08/15/22 - KBA

DIVISION REVISION NC23023NCP - 02/16/23 - KBA

OPTION REDUCTIONS
NC23075NCP - 10/31/23 - CTD

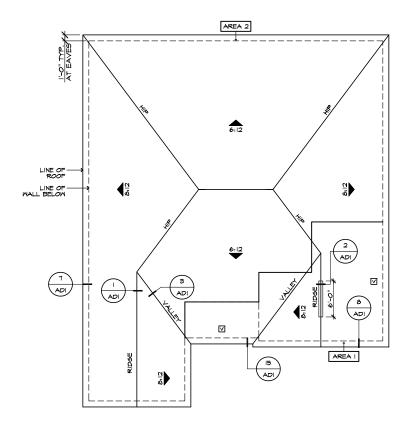
149.2115-R 3.C2

SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

FRONT ELEVATION 'C' SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")

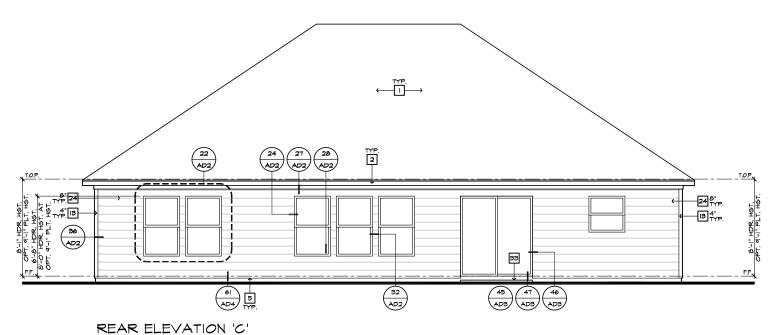
REAR ELEVATION 'C'

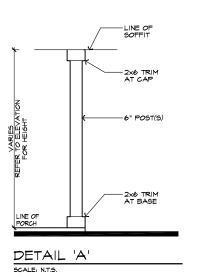
SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")

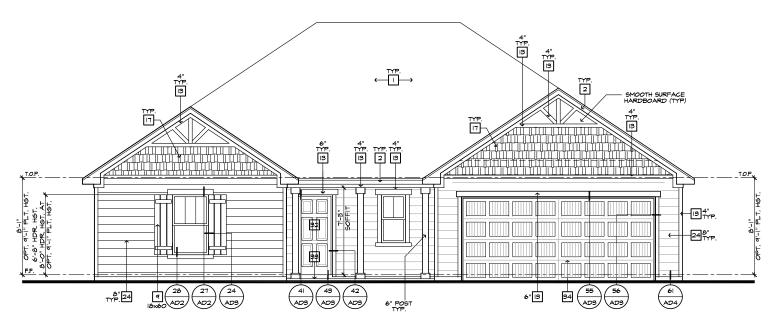


ROOF PLAN 'C'

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







FRONT ELEVATION 'C' SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")

SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")

ELEVATION NOTES NOTE: NOT ALL KEY NOTES APPLY.

I. ROOF MATERIAL - REFER TO ROOF NOTES

2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

3. G.I. FLASHING

4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED

6. 24"x24" CHIMNEY 7. DECORATIVE VENT

8. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS

IO. PEDIMENT. SEE ELEVATION FOR TYPE

II. RECESSED ELEMENT 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE

13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)

15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.

16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

IT. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS 18. STONE VENEER PER SPECS

19. BRICK/MASONRY VENEER PER SPECS

21. SOLDIER COURSE

22. ROWLOCK COURSE

23. FRIEZE BOARD
24. FIBER-CEMENT SIDING PER SPECS

25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE

26. PRE-FAB DECORATIVE TRIM

27. LIGHT WEIGHT PRECAST STONE TRIM

28. P.T. LUMBER RAILINGS (+36" U.N.O.)

29. FIBER-CEMENT SMOOTH BOARD SEE SPECS 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.

31. BRACKET OR KICKER - FYPHON OR EQ.

32. ENTRY DOOR

33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.

34. SECTIONAL GARAGE DOOR PER SPECS

35. ALUMINUM WRAP

36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS

37. OPTIONAL STANDING SEAM METAL ROOF 38. KEYSTONE 39. SOLDIER CROWN

40. JACK SOLDIER COURSE

4I. WATER TABLE

42. ATRIUM DOOR

43. PILASTER - SEE ELEVATION FOR TYPE



ROOF MATERIAL: COMPOSITION SHINGLE

12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O. 12" (INCHES) TYPICAL ROOF OVERHANG AT EAVE. U.N.O.

LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

ATTIC VENT CALCULATIONS ATTIC VENT CALCULATIONS

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

SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF

THE RED. VENTILATING AREA IS PROVIDED BY VENTILATORS

LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)

AT 9-0* ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED

BY EAVE VENTS, (LOW VENTING) (2018 N.C.-R. 806.2)

* CALCULATION BY (ISO, HIGH/LOW VENTING NOT REQUIRED,

APPROXIMATE RIDGE VENT LOCATIONS 5407M.

ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

X 144 = 197 SQ. IN. TOTAL HIGH & LOW = 197 SQ. IN × 50% = 98 SQ. IN

ROOF VENT(S) AT 50 SQ. IN. EA. =

ALL VENT OPENINGS SHALL BE COVERED WITH 1/4" CORROSION RESISTANT METAL MESH.

FRAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.

PROVIDE APPROVED INSULATION DAMS (BAFFLES) WHERE VENT BLOCKS ARE USED BETWEEN ROOF FRAMING MEMBERS TO PREVENT VENT HOLES FROM BEING BLOCKED BY INSULATION. LOCATE HIGH VENTING MINIMUM 3'-O" VERTICAL DISTANCE ABOVE

NOTE:
PERFORMANCE CONDITIONED ATTIC. NO VENTILATION
REQUIRED. SEE ALSO ENERGY CALCULATIONS.

HOME

NORTH CAROLINA 50' SERIES

кв номе NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

2018 NORTH **CAROLINA STATE** BUILDING CODES

SHEET FOR WILLOW LANDING

ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57 DIVISION MGR.: REVISIONS: 12/23/19

HOME OFFICE CORP20003CORP/- 08/20/20 CTD ... ADD NOTE TO 'TS' NC20037NCP - 10/06/20 - KBA

DIMENSION REVISION NC221032NCP - 05/19/21 - KBA

DIVISION REVISION NC21061NCP - 11/19/21 - KBA

DIVISION REVISION NC22049NCP - 08/15/22 - KBA

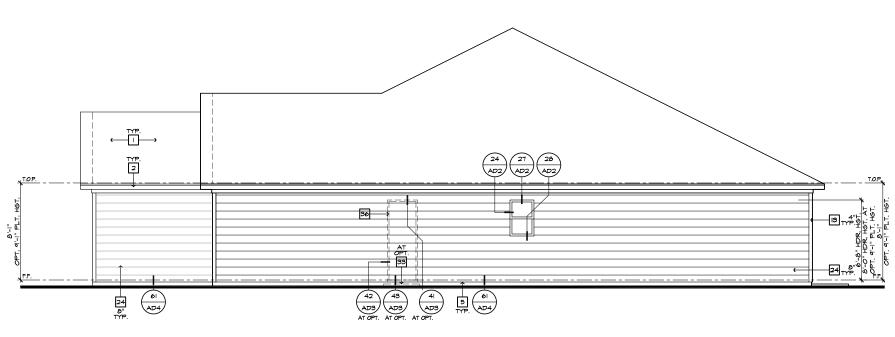
DIVISION REVISION NC23023NCP - 02/16/23 - KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

149.2115-R

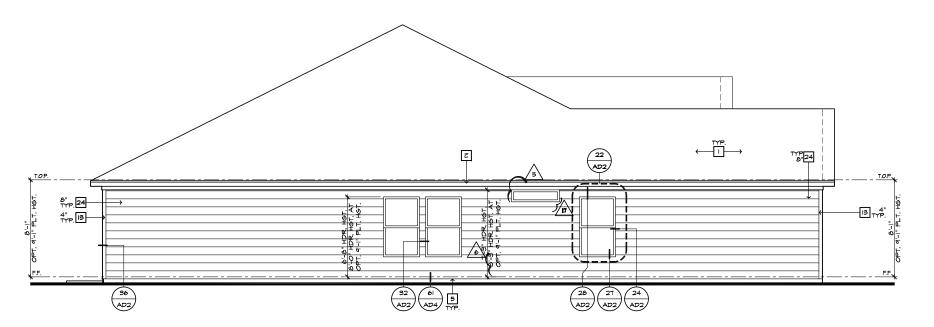
SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

3.C2-1



RIGHT ELEVATION 'C'

SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (II"XI7")



LEFT ELEVATION 'C' SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7") **ELEVATION NOTES**

NOTE: NOT ALL KEY NOTES APPLY.

I. ROOF MATERIAL - REFER TO ROOF NOTES

2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

3. G.I. FLASHING

4. G.I. FLASHING & SADDLE/CRICKET
5. G.I. DRIP SCREED

6. 24"x24" CHIMNEY
7. DECORATIVE VENT

8. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS

IO. PEDIMENT. SEE ELEVATION FOR TYPE II. RECESSED ELEMENT

12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE

13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)

PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.

16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS

STONE VENEER PER SPECS
 BRICK/MASONRY VENEER PER SPECS

20. BUILT UP BRICK COLUMN 21. SOLDIER COURSE

22. ROWLOCK COURSE

23. FRIEZE BOARD
24. FIBER-CEMENT SIDING PER SPECS

25. P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM

27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.)

29. FIBER-CEMENT SMOOTH BOARD SEE SPECS

30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.

31. BRACKET OR KICKER - FYPHON OR EQ. 32. ENTRY DOOR

33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS

35. ALUMINUM WRAP

36. OPTIONAL DOOR/MINDOM - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF

38. KEYSTONE 39. SOLDIER CROWN

40. JACK SOLDIER COURSE 41. WATER TABLE

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

HOME

NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: ■ PROJECT No.: 1350999:57 ■ DIVISION MGR.:

HOME OFFICE CORP20003CORP/- 08/20/20 CTD m

REVISIONS:

12/23/19

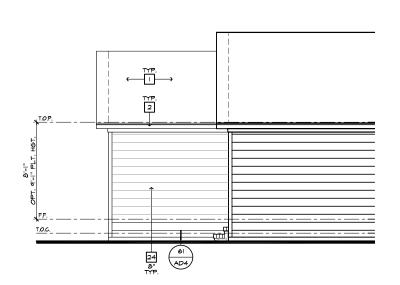
DIVISION REVISION NC22049NCP - 08/15/22 - EBA

DIVISION REVISION NC23023NCP · 02/16/23 · KBA

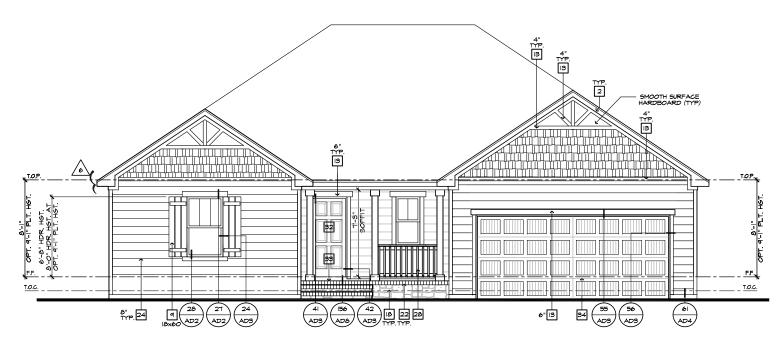
OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

PLAN: 149.2115-R

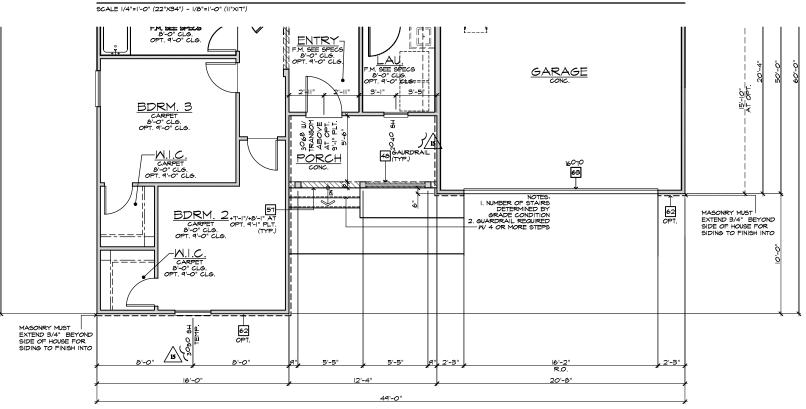
3.C3

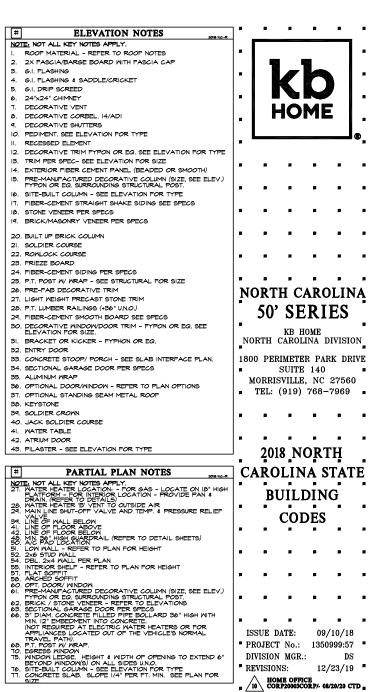


PARTIAL RIGHT ELEVATION 'C' AT CRAWL SPACE SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")



FRONT ELEVATION 'C' AT CRAWL SPACE





NOTE: NOT ALL KEY NOTES APPLY.

4. G.I. FLASHING & SADDLE/CRICKET

3. G.I. FLASHING

5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY

DECORATIVE VENT 8. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS

RECESSED ELEMENT

18. STONE VENEER PER SPECS

23. FRIEZE BOARD
24. FIBER-CEMENT SIDING PER SPECS

28. P.T. LUMBER RAILINGS (+36" U.N.O.)

26. PRE-FAB DECORATIVE TRIM

20. BUILT UP BRICK COLUMN 21. SOLDIER COURSE

22. ROWLOCK COURSE

32. ENTRY DOOR

35. ALUMINUM WRAP

40. JACK SOLDIER COURSE

38. KEYSTONE 39. SOLDIER CROWN

4I. MATER TABLE

42. ATRIUM DOOR



ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57 DIVISION MGR.: REVISIONS: 12/23/19

HOME OFFICE CORP20003CORP/- 08/20/20 CTD

DIMENSION REVISION NC221032NCP - 05/19/21 - KBA DIVISION REVISION NC2106INCP - 11/19/21 - KBA DIVISION REVISION NC22049NCP - 08/15/22 - KBA

DIVISION REVISION NC23023NCP - 02/16/23 - KBA

PERFORMANCE ATTIC NC23058NCP • 09/19/23 • KBA

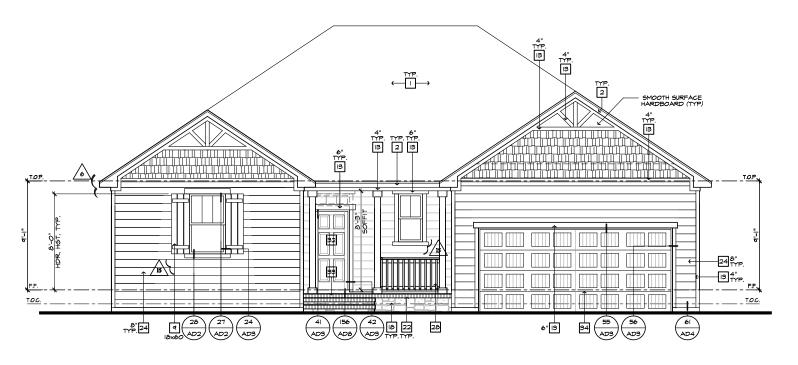
OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

149.2115-R 3.C4

SPEC. LEVEL 1

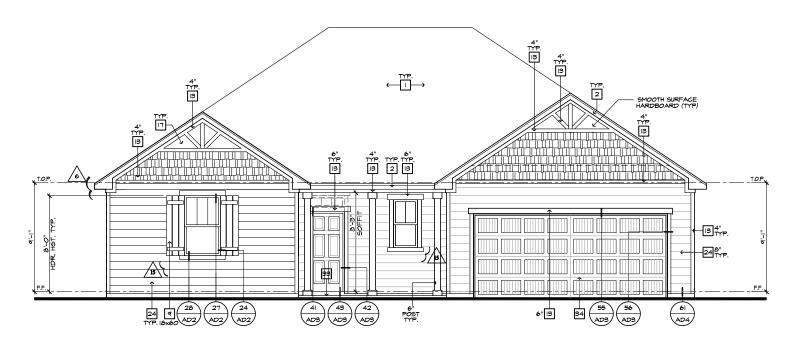
NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

RALEIGH-DURHAM 50' SERIES NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE



FRONT ELEVATION 'C' W/ CRAWL SPACE AT OPTIONAL 9'-I" PLT. HGT.

SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")



FRONT ELEVATION 'C' AT OPTIONAL 9'-I" PLT. HGT.

SCALE I/4"=1'-0" (22"X34") - I/6"=1'-0" (II"XI7")

ELEVATION NOTES

- NOTE: NOT ALL KEY NOTES APPLY.

 I. ROOF MATERIAL REFER TO ROOF NOTES
- 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
- 3. G.I. FLASHING
- 4. G.I. FLASHING & SADDLE/CRICKET
 5. G.I. DRIP SCREED

- 6. 24"x24" CHIMNEY 7. DECORATIVE VENT
- 8. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS
- IO. PEDIMENT. SEE ELEVATION FOR TYPE
- II. RECESSED ELEMENT
- 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
- 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)
- PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
- 16. SITE-BUILT COLUMN SEE ELEVATION FOR TYPE
- 17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS
- STONE VENEER PER SPECS
 BRICK/MASONRY VENEER PER SPECS
- 20. BUILT UP BRICK COLUMN
- 21. SOLDIER COURSE
- 22. ROWLOCK COURSE
- 23. FRIEZE BOARD
 24. FIBER-CEMENT SIDING PER SPECS
- 25. P.T. POST W WRAP SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM
- 27. LIGHT WEIGHT PRECAST STONE TRIM
 28. P.T. LUMBER RAILINGS (+36" U.N.O.)
- 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS
- 30. DECORATIVE WINDOW/DOOR TRIM FYPON OR EQ. SEE ELEVATION FOR SIZE.
- 31. BRACKET OR KICKER FYPHON OR EQ. 32. ENTRY DOOR
- 33. CONCRETE STOOP/ PORCH SEE SLAB INTERFACE PLAN.
- 34. SECTIONAL GARAGE DOOR PER SPECS
- 35. ALUMINUM WRAP
- 36. OPTIONAL DOOR/WINDOW REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF
- 38. KEYSTONE 39. SOLDIER CROWN
- 40. JACK SOLDIER COURSE
- 4I. WATER TABLE
- 42. ATRIUM DOOR
- 43. PILASTER SEE ELEVATION FOR TYPE



NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

2018 NORTH **CAROLINA STATE** BUILDING CODES

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REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD I

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NC22049NCP · 08/15/22 · KBA

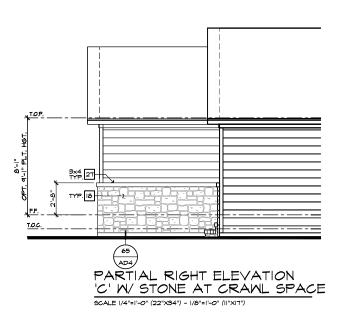
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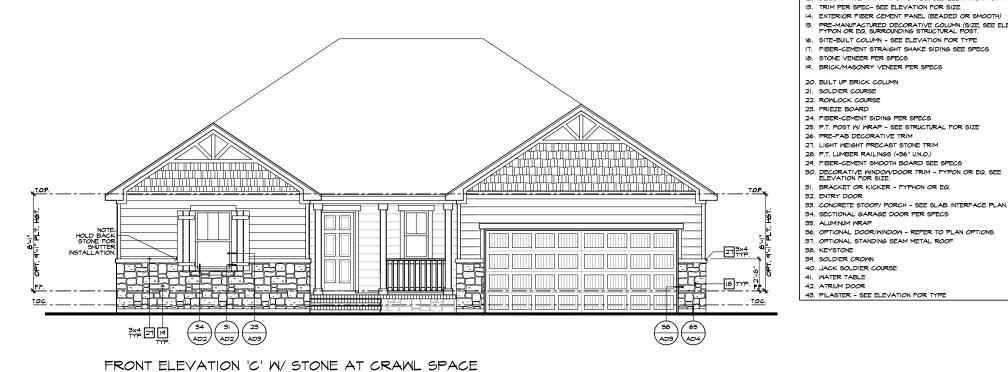
OPTION REDUCTIONS
NC23075NCP - 10/31/23 - CTD

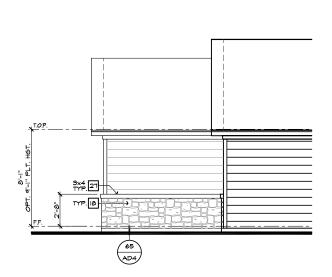
149.2115-R 3.C5

SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

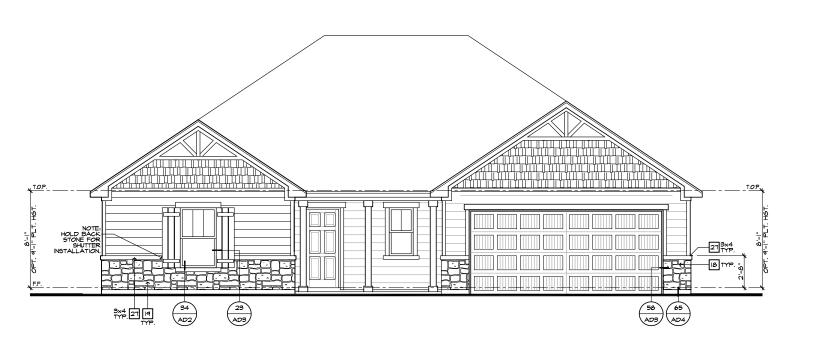
NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE





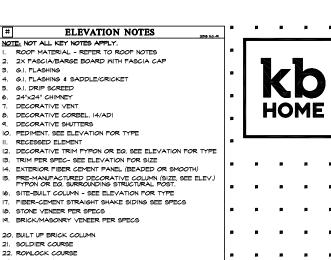


PARTIAL RIGHT ELEVATION C' W/ STONE OPTION SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")



FRONT ELEVATION 'C' W/ STONE OPTION

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



ELEVATION NOTES

NOTE: NOT ALL KEY NOTES APPLY.

4. G.I. FLASHING & SADDLE/CRICKET
5. G.I. DRIP SCREED

B. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE

3. G.I. FLASHING

6. 24"x24" CHIMNEY 7. DECORATIVE VENT

II. RECESSED ELEMENT

ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140

MORRISVILLE, NC 27560

TEL: (919) 768-7969

2018 NORTH **CAROLINA STATE BUILDING** CODES

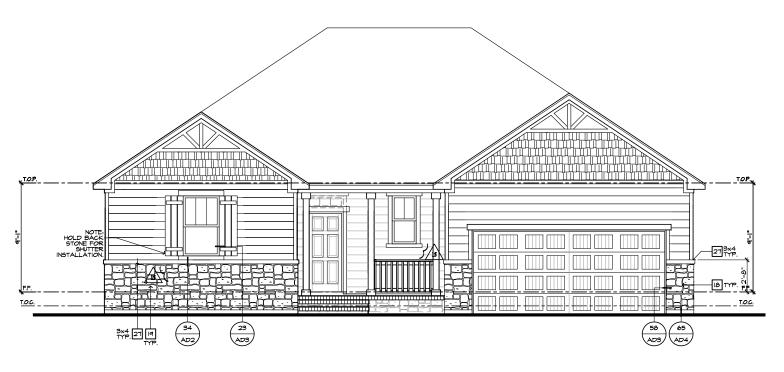
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REVISIONS: 12/23/19 m /10 HOME OFFICE CORP20003CORP/- 08/20/20 CTD m

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

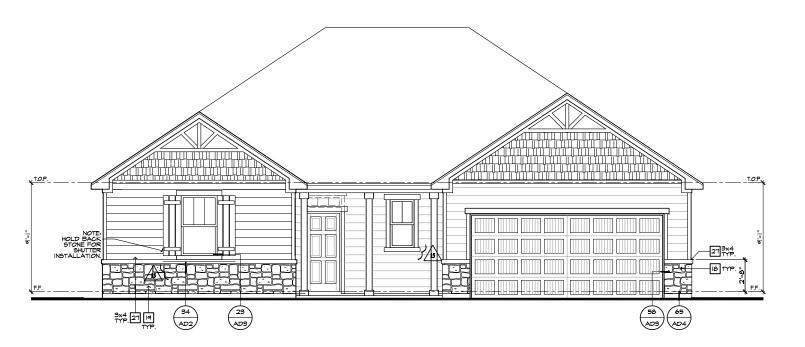
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3.C6



FRONT ELEVATION 'C' W/ STONE AT CRAWL SPACE AT OPTIONAL 9'-I" PLT. HGT.

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



FRONT ELEVATION 'C' W/ STONE AT OPTIONAL 9'-I" PLT. HGT.

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

ELEVATION NOTES

- NOTE: NOT ALL KEY NOTES APPLY.

 I. ROOF MATERIAL REFER TO ROOF NOTES
- 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
- 3. G.I. FLASHING
- 4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED
- 6. 24"x24" CHIMNEY 7. DECORATIVE VENT
- 8. DECORATIVE CORBEL. 14/ADI

II. RECESSED ELEMENT

- 9. DECORATIVE SHUTTERS
- IO. PEDIMENT. SEE ELEVATION FOR TYPE
- 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
- 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)
- PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
- 16. SITE-BUILT COLUMN SEE ELEVATION FOR TYPE
- 17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS 18. STONE VENEER PER SPECS
- 19. BRICK/MASONRY VENEER PER SPECS
- 20. BUILT UP BRICK COLUMN
- 21. SOLDIER COURSE 22. ROWLOCK COURSE
- 23. FRIEZE BOARD
 24. FIBER-CEMENT SIDING PER SPECS
- 25. P.T. POST W WRAP SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM

- 27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.)
- 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS
- 30. DECORATIVE WINDOW/DOOR TRIM FYPON OR EQ. SEE ELEVATION FOR SIZE.
- 31. BRACKET OR KICKER FYPHON OR EQ. 32. ENTRY DOOR
- 33. CONCRETE STOOP/ PORCH SEE SLAB INTERFACE PLAN.
- 34. SECTIONAL GARAGE DOOR PER SPECS 35. ALUMINUM WRAP
- 36. OPTIONAL DOOR/WINDOW REFER TO PLAN OPTIONS
- 37. OPTIONAL STANDING SEAM METAL ROOF
- 38. KEYSTONE 39. SOLDIER CROWN
- 40. JACK SOLDIER COURSE
- 4I. WATER TABLE
- 42. ATRIUM DOOR
- 43. PILASTER SEE ELEVATION FOR TYPE



NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

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REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD

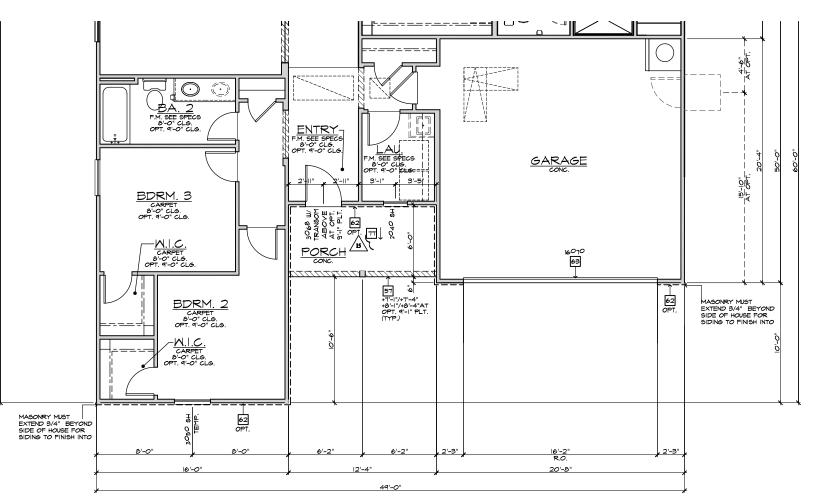
DIVISION REVISION NC23023NCP - 02/16/23 - KBA

OPTION REDUCTIONS
NC23075NCP - 10/31/23 - CTD

149.2115-R 3.C7

SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

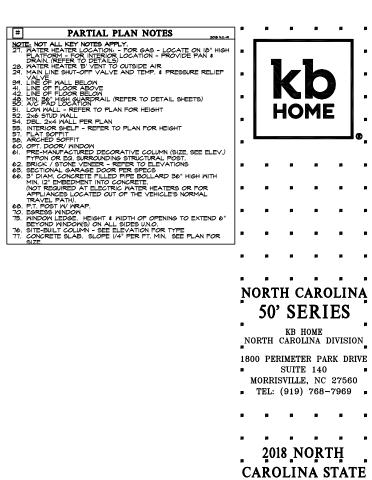
NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

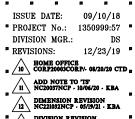


PARTIAL FIRST FLOOR PLAN 'D'

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

BASIC PLAN





BUILDING CODES

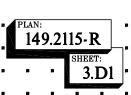
IS NC21061NCP · II/19/21 · KBA

DIVISION REVISION NC22049NCP · 02/15/22 · KBA

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PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA
OPTION REDUCTIONS

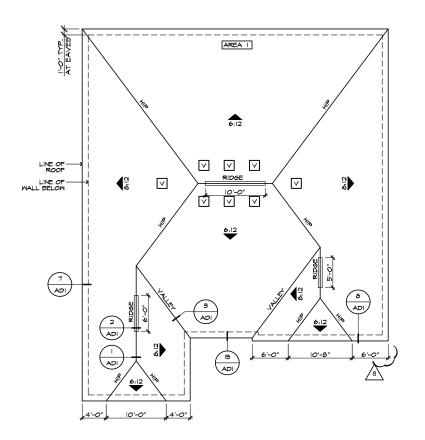
OPTION REDUCTIONS NC23075NCP · 10/31/23 · CTD



spec. level 1

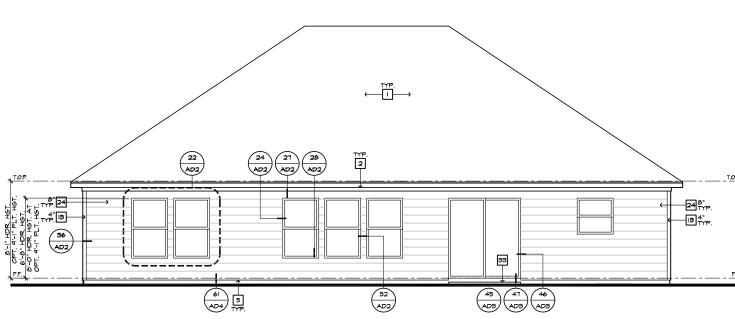
RALEIGH-DURHAM

50' SERIES



ROOF PLAN 'D'

SCALE 1/8"=1'-0" (22"×34") - 1/16"=1'-0" (11"×17")



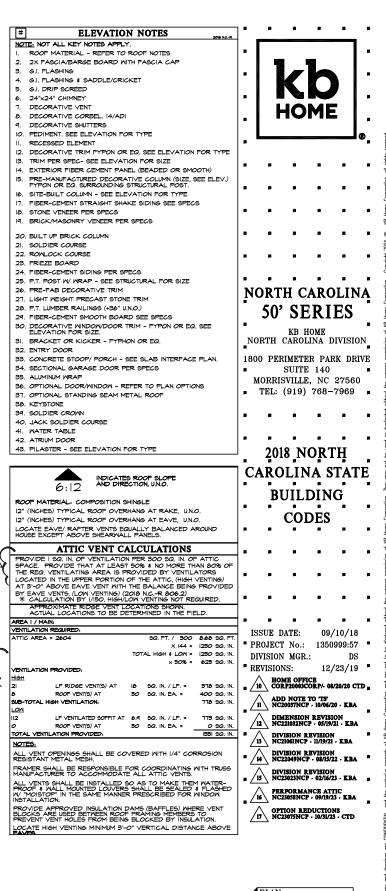
₽ 6×4 TYP B B 3.D2 SIDE <u>FRONT</u> -Ix2 TRIM DETAIL 'B' 4" ₽. 23 īŝ 4°₽. |B] TYP.TYP. 2 [3] VARIES ER TO ELEVAT FOR HEIGHT TYP. 24 8" TYP 32 24 2"0/6 TYP. 33 DETAIL 'A' SCALE: N.T.S. 41 43 42 42 24 77P. 13 17P. 2"0/6" 24 | 17 | 9 | 28 | 27 | AD2 | AD2 55 56 AD3 AD3 6I AD4

FRONT ELEVATION 'D'

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

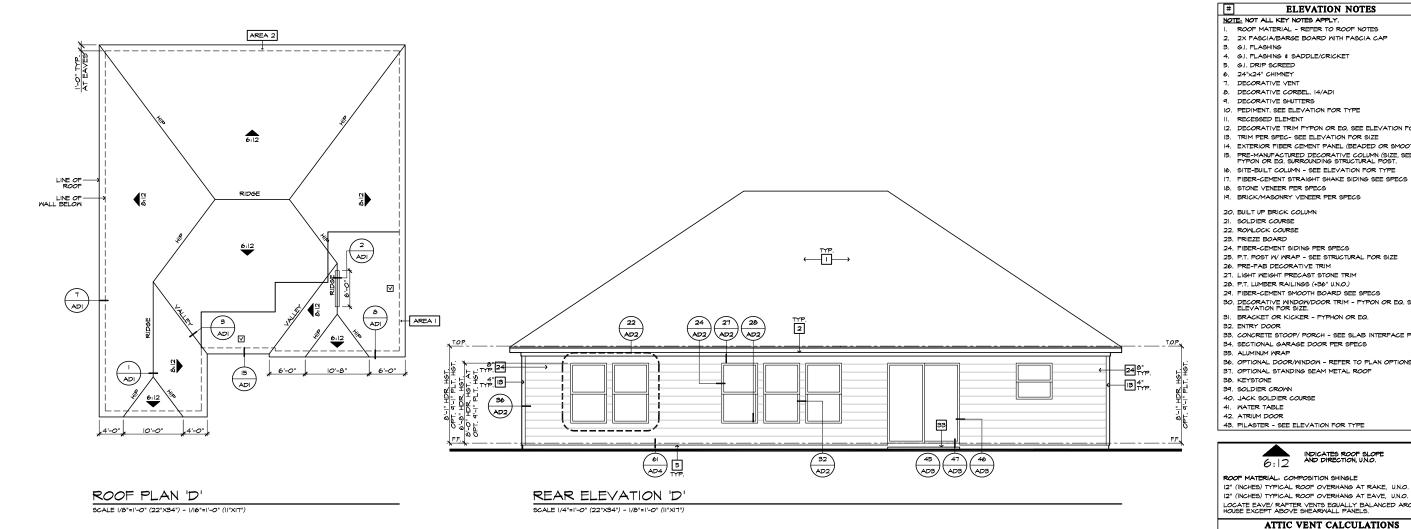
REAR ELEVATION 'D'

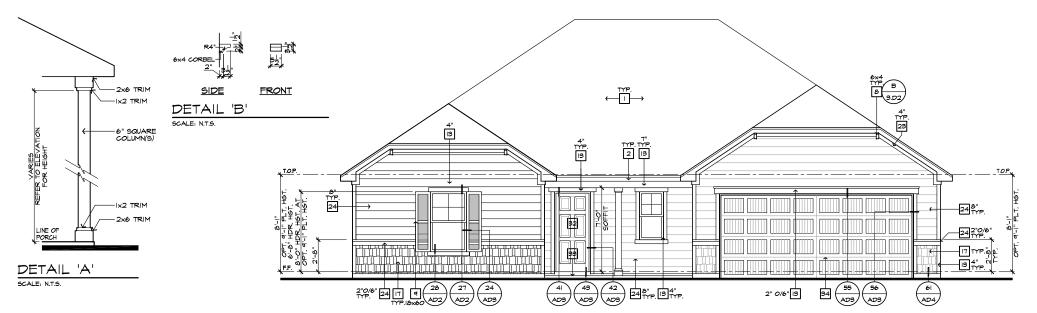
SCALE I/4"=I'-0" (22"X34") - I/8"=I'-0" (II"XIT")



149.2115-R
SHEET:
3.D2
SPEC. LEVEL 1

RALEIGH-DURHAM 50' SERIES





FRONT ELEVATION 'D' SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")

ELEVATION NOTES NOTE: NOT ALL KEY NOTES APPLY.

I. ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP 3. G.I. FLASHING 4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY 7. DECORATIVE VENT 8. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE II. RECESSED ELEMENT 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH) 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE IT. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS 18. STONE VENEER PER SPECS 19. BRICK/MASONRY VENEER PER SPECS 21. SOLDIER COURSE 22. ROWLOCK COURSE 23. FRIEZE BOARD
24. FIBER-CEMENT SIDING PER SPECS 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM 27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.) 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE. 31. BRACKET OR KICKER - FYPHON OR EQ. 32. ENTRY DOOR 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS



40. JACK SOLDIER COURSE 4I. WATER TABLE 42. ATRIUM DOOR

35. ALUMINUM WRAP

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

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

ATTIC VENT CALCULATIONS

PROVIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS
LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)
AT 9'-O' ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED
BY EAVE VENTS, (LOW VENTING) (2018 NC.-R & 606.2)

* CALCULATION BY (JISO, HIGH/LOW VENTING NOT REQUIRED,
APPROXIMATE RIDGE VENT LOCATIONS SHOWN,
ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

X 144 = 197 SQ. IN. TOTAL HIGH \$ LOW = 197 SQ. IN × 50% = 98 SQ. IN ROOF VENT(S) AT 50 SQ. IN. EA. =

ALL VENT OPENINGS SHALL BE COVERED WITH 1/4" CORROSION RESISTANT METAL MESH. FRAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.

PROVIDE APPROVED INSULATION DAMS (BAFFLES) WHERE VENT BLOCKS ARE USED BETWEEN ROOF FRAMING MEMBERS TO PREVENT VENT HOLES FROM BEING BLOCKED BY INSULATION. LOCATE HIGH VENTING MINIMUM 3'-O" VERTICAL DISTANCE ABOVE

NOTE:
PERFORMANCE CONDITIONED ATTIC. NO VENTILATION
REQUIRED. SEE ALSO ENERGY CALCULATIONS.



NORTH CAROLINA 50' SERIES кв номе

NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

2018 NORTH **CAROLINA STATE** BUILDING CODES

SHEET FOR WILLOW LANDING

ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57 DIVISION MGR.: REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD

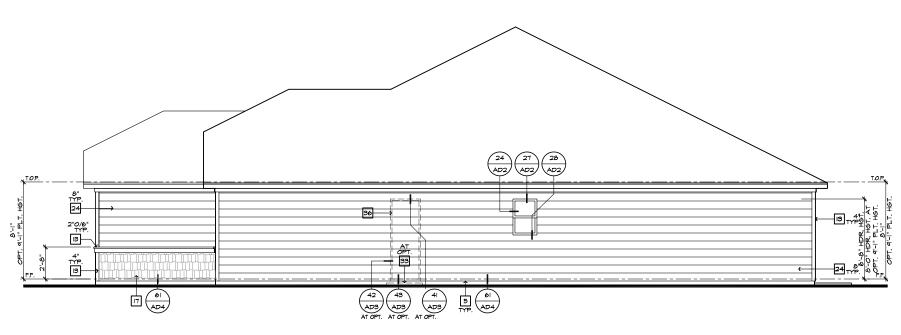
DIVISION REVISION NC2106INCP - 11/19/21 - KBA

DIVISION REVISION NC22049NCP - 08/15/22 - KBA DIVISION REVISION NC23023NCP - 02/16/23 - KBA

PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

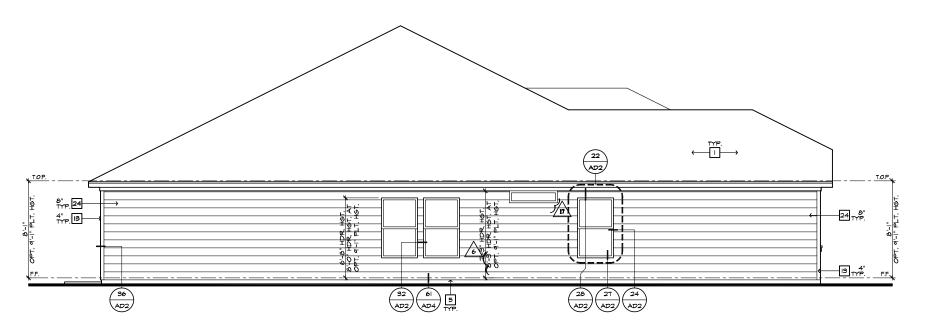
OPTION REDUCTIONS
NC23075NCP - 10/31/23 - CTD

149.2115-R 3.D2-1



RIGHT ELEVATION 'D'

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



LEFT ELEVATION 'D'

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

ELEVATION NOTES

NOTE: NOT ALL KEY NOTES APPLY.

I. ROOF MATERIAL - REFER TO ROOF NOTES

2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

3. G.I. FLASHING

4. G.I. FLASHING & SADDLE/CRICKET
5. G.I. DRIP SCREED

6. 24"x24" CHIMNEY
7. DECORATIVE VENT

8. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS

II. RECESSED ELEMENT

IO. PEDIMENT. SEE ELEVATION FOR TYPE

12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE

13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)

PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.

16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS

STONE VENEER PER SPECS
 BRICK/MASONRY VENEER PER SPECS

20. BUILT UP BRICK COLUMN

21. SOLDIER COURSE 22. ROWLOCK COURSE

23. FRIEZE BOARD
24. FIBER-CEMENT SIDING PER SPECS

25. P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM

27. LIGHT WEIGHT PRECAST STONE TRIM
28. P.T. LUMBER RAILINGS (+36" U.N.O.)

29. FIBER-CEMENT SMOOTH BOARD SEE SPECS

30. DECORATIVE WINDOWDOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.

31. BRACKET OR KICKER - FYPHON OR EQ. 32. ENTRY DOOR

33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS

35. ALUMINUM WRAP

36. OPTIONAL DOOR/MINDOM - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF

38. KEYSTONE 39. SOLDIER CROWN

40. JACK SOLDIER COURSE 41. WATER TABLE

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

HOME

NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140

MORRISVILLE, NC 27560 TEL: (919) 768-7969 m

2018 NORTH CAROLINA STATE BUILDING CODES

ISSUE DATE: ■ PROJECT No.: 1350999:57 ■ DIVISION MGR.:

12/23/19 REVISIONS: HOME OFFICE CORP20003CORP/- 08/20/20 CTD m

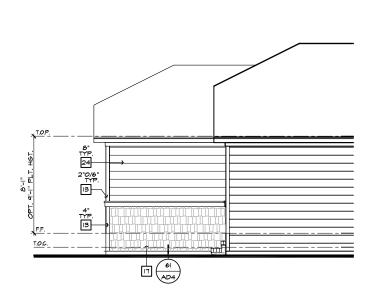
DIMENSION REVISION NC221032NCP - 05/19/21 - KBA

DIVISION REVISION NC22049NCP - 08/15/22 - EBA DIVISION REVISION
NC23023NCP · 02/16/23 · KBA

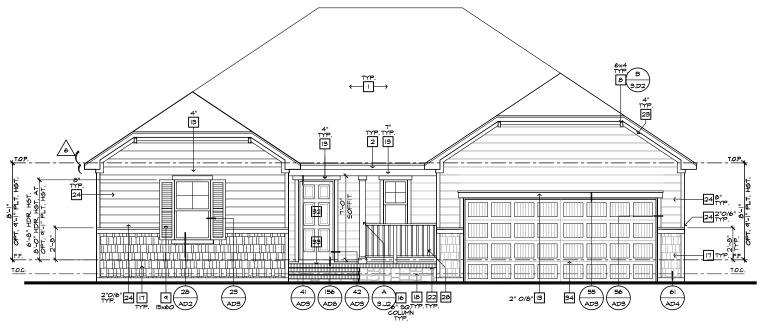
PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

PLAN: 149.2115-R 3.D3

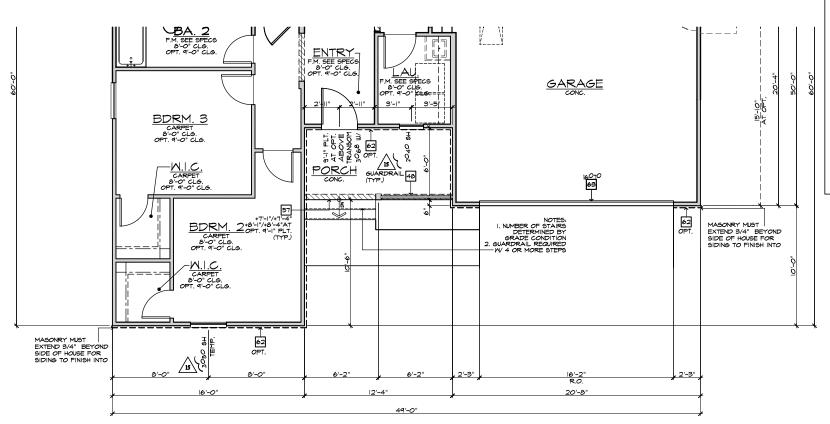


PARTIAL RIGHT ELEVATION 'D' AT CRAWL SPACE SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")

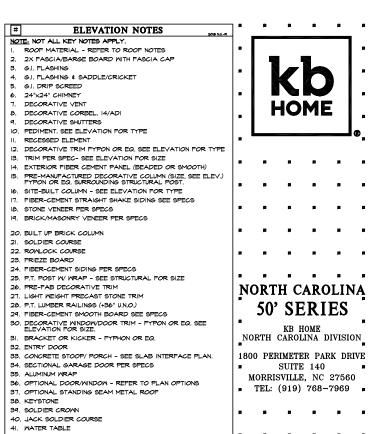


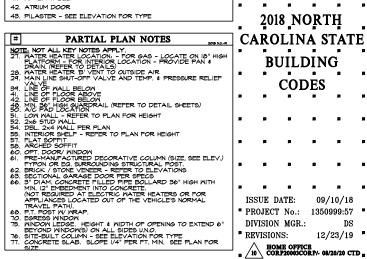
FRONT ELEVATION 'D' AT CRAWL SPACE

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



PARTIAL FIRST FLOOR PLAN 'D' AT CRAWL SPACE





PROJECT No.: 1350999:57 DIVISION MGR.: REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD.

09/10/18

ISSUE DATE:

HOME

KB HOME

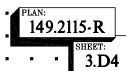
SUITE 140

ADD NOTE TO TS'
NC20037NCP · 10/06/20 · KBA DIMENSION REVISION NC221032NCP - 05/19/21 - KBA DIVISION REVISION NC2106INCP - 11/19/21 - KBA

DIVISION REVISION NC22049NCP - 08/15/22 - EBA

DIVISION REVISION
NC23023NCP · 02/16/23 · KBA PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD



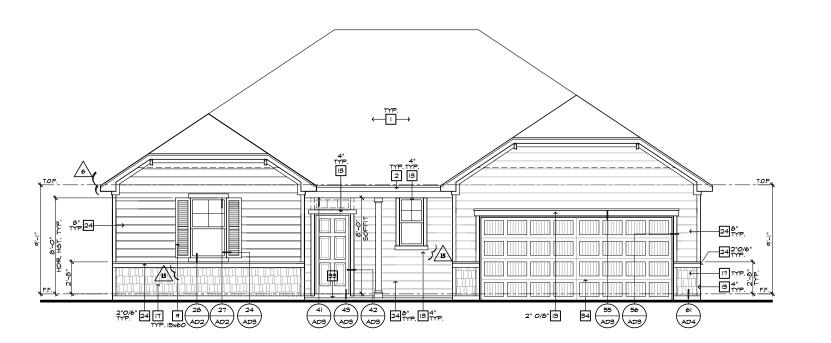
NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

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



FRONT ELEVATION 'D' W/ CRAWL SPACE AT OPTIONAL 9'-I" PLT. HGT.

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



FRONT ELEVATION 'D' AT OPTIONAL 9'-I" PLT. HGT.

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

ELEVATION NOTES

NOTE: NOT ALL KEY NOTES APPLY.

I. ROOF MATERIAL - REFER TO ROOF NOTES

2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

3. G.I. FLASHING

4. G.I. FLASHING & SADDLE/CRICKET
5. G.I. DRIP SCREED

6. 24"x24" CHIMNEY 7. DECORATIVE VENT 8. DECORATIVE CORBEL. 14/ADI

9. DECORATIVE SHUTTERS

IO. PEDIMENT. SEE ELEVATION FOR TYPE II. RECESSED ELEMENT

12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE

13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)

PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.

16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS

STONE VENEER PER SPECS
 BRICK/MASONRY VENEER PER SPECS

20. BUILT UP BRICK COLUMN

21. SOLDIER COURSE 22. ROWLOCK COURSE

23. FRIEZE BOARD
24. FIBER-CEMENT SIDING PER SPECS

25. P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM

27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.)

29. FIBER-CEMENT SMOOTH BOARD SEE SPECS

30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.

31. BRACKET OR KICKER - FYPHON OR EQ. 32. ENTRY DOOR

33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS

35. ALUMINUM WRAP 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS

37. OPTIONAL STANDING SEAM METAL ROOF

38. KEYSTONE 39. SOLDIER CROWN

40. JACK SOLDIER COURSE 4I. WATER TABLE

42. ATRIUM DOOR

43. PILASTER - SEE ELEVATION FOR TYPE

HOME

NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

2018 NORTH **CAROLINA STATE** BUILDING CODES

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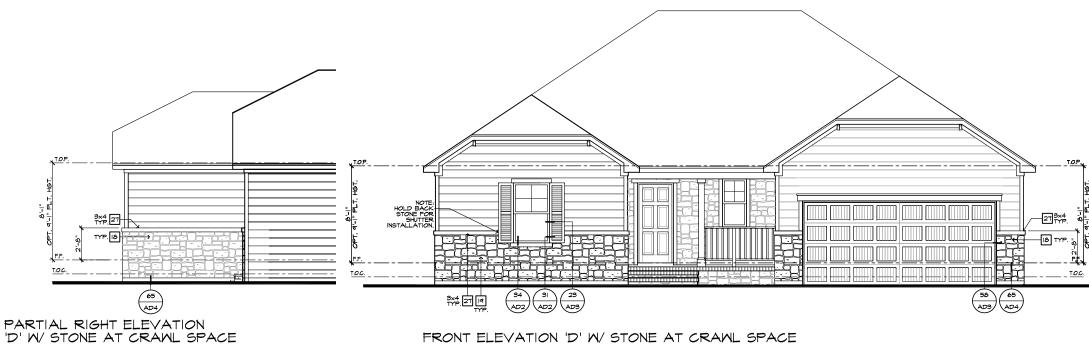
DIVISION REVISION NC23023NCP - 02/16/23 - KBA PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

OPTION REDUCTIONS
NC23075NCP - 10/31/23 - CTD

149.2115-R 3.D5

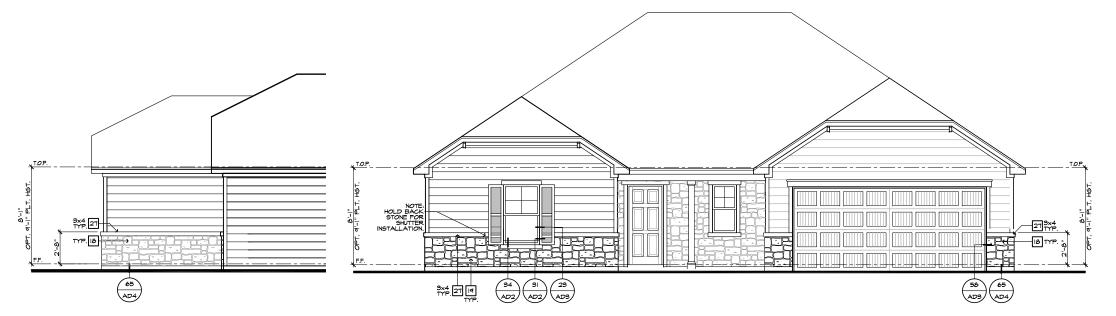
SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE



FRONT ELEVATION 'D' W/ STONE AT CRAWL SPACE

SCALE 1/4"=1'-0" (22"x34") - 1/8"=1'-0" (II"x17") SCALE I/4"=I'-O" (22"X34") - I/8"=I'-O" (II"XI7")



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

FRONT ELEVATION 'D' W/ STONE OPTION

ELEVATION NOTES

NOTE: NOT ALL KEY NOTES APPLY. I. ROOF MATERIAL - REFER TO ROOF NOTES

- 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
- 3. G.I. FLASHING
- 4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED
- 6. 24"x24" CHIMNEY 7. DECORATIVE VENT
- 8. DECORATIVE CORBEL. 14/ADI
- 9. DECORATIVE SHUTTERS
- IO. PEDIMENT. SEE ELEVATION FOR TYPE II. RECESSED ELEMENT
- 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
- 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)
- PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
- 16. SITE-BUILT COLUMN SEE ELEVATION FOR TYPE
- IT. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS
- 18. STONE VENEER PER SPECS
- 19. BRICK/MASONRY VENEER PER SPECS
- 21. SOLDIER COURSE
- 22. ROWLOCK COURSE
- 23. FRIEZE BOARD
 24. FIBER-CEMENT SIDING PER SPECS
- 25. P.T. POST W/ WRAP SEE STRUCTURAL FOR SIZE
- 26. PRE-FAB DECORATIVE TRIM
- 27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.)
- 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS
- 30. DECORATIVE WINDOW/DOOR TRIM FYPON OR EQ. SEE ELEVATION FOR SIZE.
- 31. BRACKET OR KICKER FYPHON OR EQ. 32. ENTRY DOOR
- 33. CONCRETE STOOP/ PORCH SEE SLAB INTERFACE PLAN.
- 34. SECTIONAL GARAGE DOOR PER SPECS
- 35. ALUMINUM WRAP
- 36. OPTIONAL DOOR/WINDOW REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF
- 38. KEYSTONE 39. SOLDIER CROWN
- 40. JACK SOLDIER COURSE
- 4I. WATER TABLE
- 42. ATRIUM DOOR 43. PILASTER - SEE ELEVATION FOR TYPE

2018 NORTH **CAROLINA STATE** BUILDING

CODES

HOME

NORTH CAROLINA

50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE

SUITE 140

MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

ISSUE DATE: ■ PROJECT No.: 1350999:57 ■

DIVISION MGR.: REVISIONS: 12/23/19

HOME OFFICE CORP20003CORP/- 08/20/20 CTD

DIVISION REVISION NC23023NCP - 02/16/23 - KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

149.2115-R 3.D6

SPEC. LEVEL 1 RALEIGH-DURHAM



FRONT ELEVATION 'D' W/ STONE AT CRAWL SPACE AT OPTIONAL 9'-I" PLT. HGT.

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



FRONT ELEVATION 'D' W/ STONE AT OPTIONAL 9'-I" PLT. HGT.

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

ELEVATION NOTES

- NOTE: NOT ALL KEY NOTES APPLY.

 I. ROOF MATERIAL REFER TO ROOF NOTES
- 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
- 3. G.I. FLASHING
- 4. G.I. FLASHING & SADDLE/CRICKET
 5. G.I. DRIP SCREED
- 6. 24"x24" CHIMNEY 7. DECORATIVE VENT
- 8. DECORATIVE CORBEL. 14/ADI
- 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE
- II. RECESSED ELEMENT
- 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
- 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)
- PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
- 16. SITE-BUILT COLUMN SEE ELEVATION FOR TYPE
- 17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS
- STONE VENEER PER SPECS
 BRICK/MASONRY VENEER PER SPECS

- 20. BUILT UP BRICK COLUMN
- 21. SOLDIER COURSE
- 22. ROWLOCK COURSE
- 23. FRIEZE BOARD
 24. FIBER-CEMENT SIDING PER SPECS
- 25. P.T. POST W WRAP SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM
- 27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.)
- 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS
- 30. DECORATIVE WINDOW/DOOR TRIM FYPON OR EQ. SEE ELEVATION FOR SIZE.
- 31. BRACKET OR KICKER FYPHON OR EQ. 32. ENTRY DOOR
- 33. CONCRETE STOOP/ PORCH SEE SLAB INTERFACE PLAN.
- 34. SECTIONAL GARAGE DOOR PER SPECS 35. ALUMINUM WRAP
- 36. OPTIONAL DOOR/WINDOW REFER TO PLAN OPTIONS
- 37. OPTIONAL STANDING SEAM METAL ROOF
- 38. KEYSTONE 39. SOLDIER CROWN
- 40. JACK SOLDIER COURSE
- 4I. WATER TABLE
- 43. PILASTER SEE ELEVATION FOR TYPE



NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

2018 NORTH **CAROLINA STATE** BUILDING CODES

ISSUE DATE: ■ PROJECT No.: 1350999:57 ■ DIVISION MGR.:

REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD m

DIVISION REVISION NC23023NCP - 02/16/23 - KBA

PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

OPTION REDUCTIONS
NC23075NCP - 10/31/23 - CTD

149.2115-R 3.D7

SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE



NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

m TEL: (919) 768-7969 m

2018 NORTH CAROLINA STATE BUILDING CODES

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HOME OFFICE CORP20003CORP/- 08/20/20 CTD m

DIVISION REVISION NC23023NCP - 02/16/23 - KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD



SPEC. LEVEL 1 RALEIGH-DURHAM

4.1



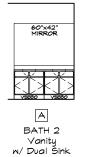


Lower Cabinets

SHELF В В LAUNDRY LAUNDRY



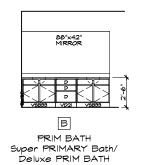
LAUNDRY AND MISCELLANEOUS CABINETS

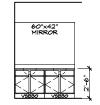


В

LAUNDRY

Upper Cabinets





В

PRIM BATH

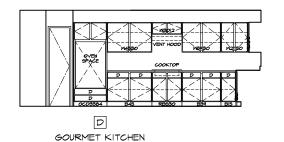
BATH CABINETS

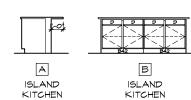
LAUNDRY CABINETS

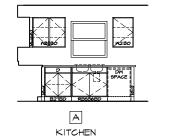


60"x42" MIRROR

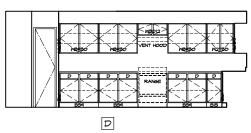
BATH CABINETS

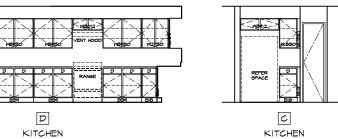






KITCHEN CABINETS





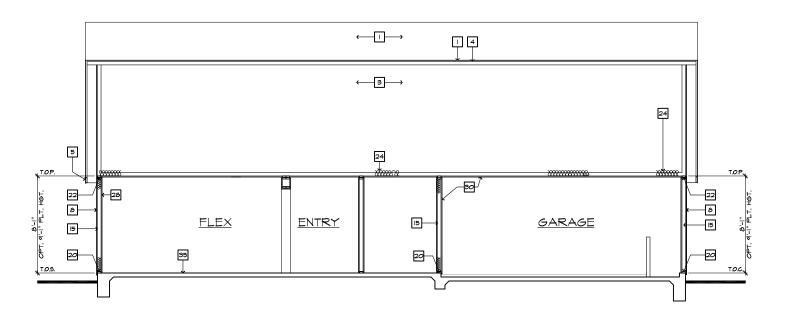
KITCHEN CABINETS

OPTIONAL INTERIOR ELEVATIONS

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

STANDARD INTERIOR ELEVATIONS

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



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



SECTION "B"

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

SECTION NOTES

SECTION I

ROOF MATERIAL - REFER TO ROOF NOTES

2. ROOF PITCH - REFER TO ROOF NOTES 2. PRE-MANUFACTURED WOOD ROOF TRUSS SYSTEM - SEE STRUCTURAL & TRUSS CALCS

4. ROOF SHEATHING PER STRUCTURAL

5. 2x FASCIA/BARGE BOARD

6. CONT. SOFFITED EAVE W/ VENTING

8. EXTERIOR FINISH PER ELEVATIONS

7. FLOOR FRAMING PER STRUCTURAL

IO. FLOOR SHEATHING PER STRUCTURAL

II. HEADER PER STRUCTURAL

12. FLUSH BEAM PER STRUCTURAL

13. DROPPED BEAM PER STRUCTURAL

14. FLAT/ ARCHED SOFFIT PER PLAN

15. 2x4 STUD WALL 16. 2x6 STUD WALL

17. 2x6 BALLOON FRAMED WALL PER STRUCTURAL

18. DBL. 2x4 WALL PER PLAN

I9. 2x CRIPPLES @ 16" O.C. 20. 2x PRESSURE TREATED SILL PLATE

2I. 2x SOLE PLATE

22. DBL. 2x TOP PLATE @ EXTERIOR & BEARING WALLS

23. IX OVER 2X TOP PLATE @ INTERIOR & NON-BEARING WALLS 24. INSULATION MATERIAL PER ENERGY CALCULATIONS

25. MIN. 36" HIGH GUARD - SEE PLAN FOR HEIGHT 26. LOW WALL - SEE PLAN FOR HEIGHT

27. STAIR TREADS AND RISERS PER PLAN: - MIN. IO" TREAD & MAX. 7 3/4" RISER

28. INTERIOR FINISH: - MIN. 1/2" GYP. BD. @ WALLS & SAG RESISTANT OR 5/8" DRYWALL @ CEILING

29. MIN. 1/2" GYP. BD. ON CEILING & WALLS @ USEABLE SPACE UNDER STAIRS.

30. GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAT 1/2" GYP. BD. @ GARAGE SIDE WALLS & 5/6" UNDER LIVING AREA U.N.O. 31. MATERIAL TO UNDERSIDE OF ROOF SHEATHING

32. INTERIOR SHELF - MIN. I/2" GYP. BD. OVER 3/8" PLY WD. 33. CONCRETE PATIO/ PORCH SLAB PER STRUCTURAL SLOPE 1/4" PER FT. MIN.

34. CONCRETE GARAGE SLAB PER STRUCTURAL - SLOPE 2" MIN. 35. CONCRETE FOUNDATION PER STRUCTURAL

36. LINE OF OPTIONAL TRAY CEILING/ STEP CEILING

37. LINE OF OPTIONAL VOLUME CEILING
38. PROFILE OF OPTIONAL COVERED PATIO

39. EXTERIOR SOFFIT MATERIAL - REFER TO ELEVATIONS

40. 8" BLOCK WALL

CEILING

2, WHEN THERE IS USABLE SPACE ABOVE AND BELOW THE
CONCEALED SPACE OF A FLOOR-CEILING ASSEMBLY IN A
SINGLE-FAMILY DWIELING, DRAFT STORPS SHALL BE INSTALLET
SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT
EXCEED LOOD SQUARE FEET. DRAFTSTOPPING SHALL DIVIDE
THE CONCEALED SPACE INTO APPROXIMATELY EGGIAL AREAS.

HOME

NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969 **s**

2018 NORTH **CAROLINA STATE** BUILDING CODES

ISSUE DATE: 09/10/18 ■ PROJECT No.: 1350999:57 ■ DIVISION MGR.:

12/23/19 REVISIONS: HOME OFFICE CORP20003CORP/- 08/20/20 CTD m

ADD NOTE TO TS'
NC20037NCP · 10/06/20 · KBA DIMENSION REVISION NC221032NCP · 05/19/21 · KBA

DIVISION REVISION NC22049NCP - 08/15/22 - EBA

DIVISION REVISION
NC23023NCP · 02/16/23 · KBA

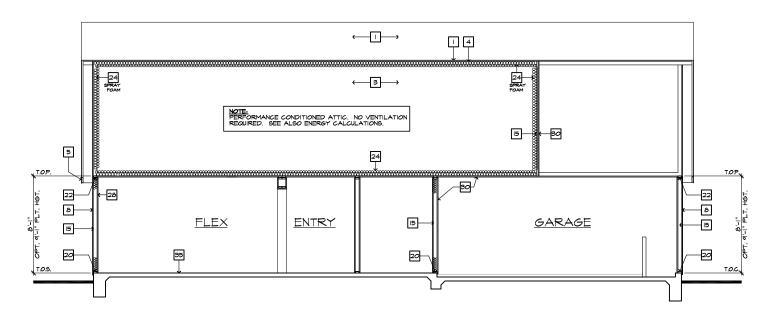
PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

SPEC. LEVEL 1

149.2115-R

RALEIGH-DURHAM



SECTION "A"

SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")



SECTION "B"

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

SECTION NOTES

NOTE: NOT ALL KEY NOTES APPLY.

ROOF MATERIAL - REFER TO ROOF NOTES 2. ROOF PITCH - REFER TO ROOF NOTES

2. PRE-MANUFACTURED WOOD ROOF TRUSS SYSTEM - SEE STRUCTURAL & TRUSS CALCS

4. ROOF SHEATHING PER STRUCTURAL

5. 2x FASCIA/BARGE BOARD

6. CONT. SOFFITED EAVE W VENTING

8. EXTERIOR FINISH PER ELEVATIONS

7. FLOOR FRAMING PER STRUCTURAL

IO. FLOOR SHEATHING PER STRUCTURAL II. HEADER PER STRUCTURAL

12. FLUSH BEAM PER STRUCTURAL

13. DROPPED BEAM PER STRUCTURAL 14. FLAT/ ARCHED SOFFIT PER PLAN

15. 2x4 STUD WALL I6. 2x6 STUD WALL

17. 2x6 BALLOON FRAMED WALL PER STRUCTURAL

18. DBL. 2x4 WALL PER PLAN

19. 2x CRIPPLES @ 16" O.C.20. 2x PRESSURE TREATED SILL PLATE

2I. 2x SOLE PLATE

22. DBL. 2x TOP PLATE @ EXTERIOR & BEARING WALLS 23. IX OVER 2X TOP PLATE @ INTERIOR & NON-BEARING WALLS

24. INSULATION MATERIAL PER ENERGY CALCULATIONS

25. MIN. 36" HIGH GUARD - SEE PLAN FOR HEIGHT 26. LOW WALL - SEE PLAN FOR HEIGHT

27. STAIR TREADS AND RISERS PER PLAN: - MIN. IO" TREAD & MAX. 7 3/4" RISER

28. INTERIOR FINISH: - MIN. 1/2" GYP. BD. @ WALLS & SAG RESISTANT OR 5/8" DRYWALL @ CEILING

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34. CONCRETE GARAGE SLAB PER STRUCTURAL - SLOPE 2" MIN.

35. CONCRETE FOUNDATION PER STRUCTURAL 36. LINE OF OPTIONAL TRAY CEILING/ STEP CEILING

37. LINE OF OPTIONAL VOLUME CEILING
38. PROFILE OF OPTIONAL COVERED PATIO

39. EXTERIOR SOFFIT MATERIAL - REFER TO ELEVATIONS 40. 8" BLOCK WALL

AT SLAB-ON-GRADE

CEILING

2, WHEN THERE IS USABLE SPACE ABOVE AND BELOW THE
CONCEALED SPACE OF A FLOOR-CEILING ASSEMBLY IN A
SINGLE-FAMILY DWELLING, DRAFT STOPS SHALL BE INSTALLED

50 THAT THE AREA OF THE CONCEALED SPACE DOES NOT
EXCEED LOOD SQUARE FEET. DRAFTSTOPPING SHALL DIVIDE
THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS.

HOME

NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969 »

2018 NORTH **CAROLINA STATE** BUILDING CODES

SHEET FOR WILLOW LANDING

ISSUE DATE: 09/10/18 ■ PROJECT No.: 1350999:57 ■ DIVISION MGR.: REVISIONS: 12/23/19

HOME OFFICE CORP20003CORP/- 08/20/20 CTD I ADD NOTE TO TS' NC20037NCP · 10/06/20 · KBA

DIMENSION REVISION NC221032NCP - 05/19/21 - KBA

DIVISION REVISION NC22049NCP - 08/15/22 - EBA DIVISION REVISION NC23023NCP · 02/16/23 · KBA

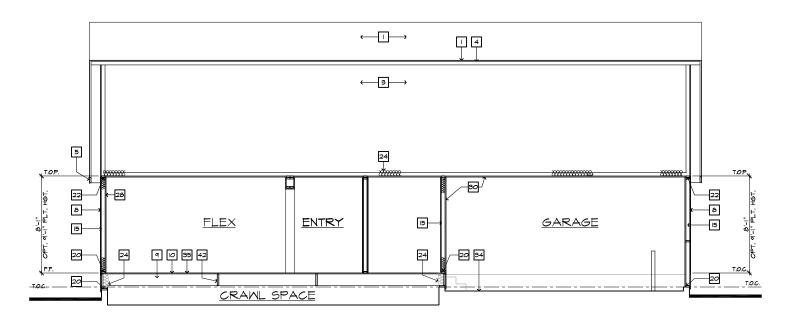
PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

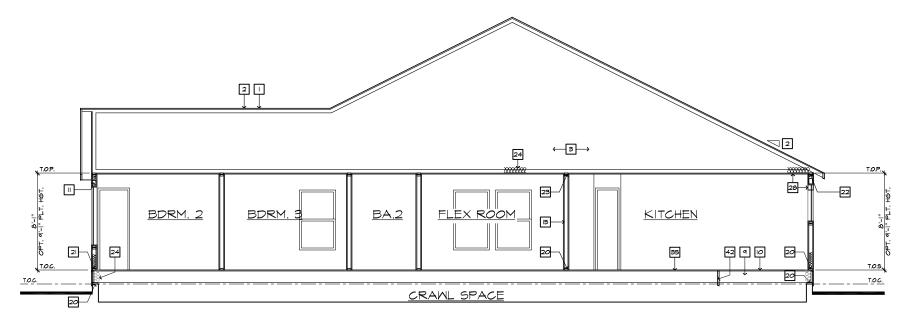
149.2115-R

4.2-1

SPEC. LEVEL 1 RALEIGH-DURHAM

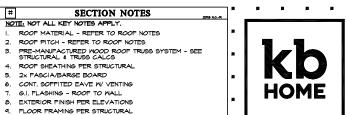


SECTION "A" SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XIT") AT CRAWL SPACE



SECTION "B"

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



NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560 TEL: (919) 768-7969 »

34. CONCRETE GARAGE SLAB PER STRUCTURAL - SLOPE 2" MIN. 35. CONCRETE FOUNDATION PER STRUCTURAL

36. LINE OF OPTIONAL TRAY CEILING/ STEP CEILING

33. CONCRETE PATIO/ PORCH SLAB PER STRUCTURAL SLOPE 1/4" PER FT. MIN.

31. MATERIAL TO UNDERSIDE OF ROOF SHEATHING

37. LINE OF OPTIONAL VOLUME CEILING
38. PROFILE OF OPTIONAL COVERED PATIO

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II. HEADER PER STRUCTURAL 12. FLUSH BEAM PER STRUCTURAL 13. DROPPED BEAM PER STRUCTURAL 14. FLAT/ ARCHED SOFFIT PER PLAN

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2018 NORTH **CAROLINA STATE** BUILDING

CODES

ISSUE DATE: 09/10/18 ■ PROJECT No.: 1350999:57 ■ DIVISION MGR.:

REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD m ADD NOTE TO 'TS'
NC20037NCP · 10/06/20 · KBA

DIMENSION REVISION NC221032NCP · 05/19/21 · KBA

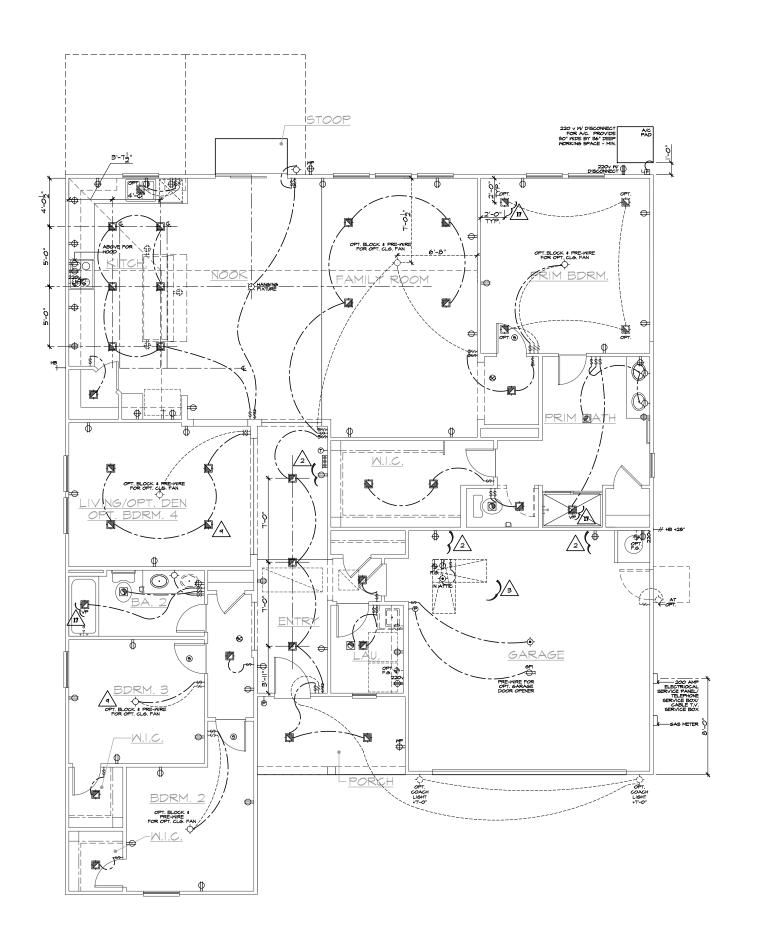
DIVISION REVISION NC22049NCP - 08/15/22 - KBA

DIVISION REVISION NC23023NCP - 02/16/23 - KBA PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

149.2115-R

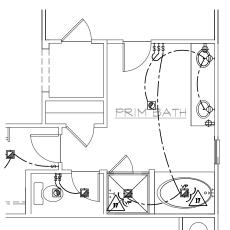
4.3

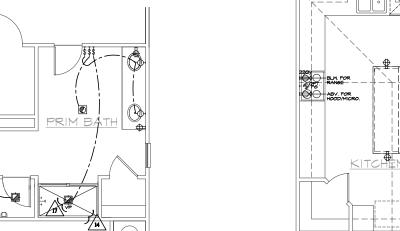


FIRST FLOOR UTLITY PLAN

UTILITY LEGEND 120V DUPLEX CONVENIENCE RECEPTACLE ARC FAULT(AFCI) AND TAMPER RESISTANT(TR) 12" ABV. FIN. FLR. TYPICAL U.N.O. HP 6F1 120V (TR) RECEPTACLE W 6F1 CIRCUIT W WATER RESISTANT HOUSING ₩ 6FI 120v (TR) RECEPTACLE W 6FI CIRCUIT HOME ᆸ FUSED DISCONNECT 120v (AFCI & TR) RECESSED FLOOR RECEPTACLE W/ COVER 0 120v (AFCI & TR) DUPLEX CONVENIENCE RECEPTACLE SMITCH CONTROLLED, 1/2 HOT TWO-POLE LIGHT SWITCH AT 42" ABV. FIN. FLR 8" ABOVE COUNTER U.N.O. THREE-POLE LIGHT SMITCH ₩ 4 FOUR-POLE LIGHT SWITCH WALL MOUNTED LIGHT FIXTURE W/ WATER RESISTANT HOUSING Ю́- W.P. ф WALL MOUNTED INCANDESCENT LIGHT FIXTURE WALL MOUNTED FLUORESCENT LIGHT FIXTURE CEILING MOUNTED INCANDESCENT LIGHT FIXTURE CEILING MOUNTED FLUORESCENT LIGHT FIXTURE NORTH CAROLINA HANGING INCANDESCENT LIGHT FIXTURE Ø 50' SERIES RECESSED INCANDESCENT DIRECTION LIGHT FIXTURE (EYE BALL) KB HOME \bigcirc RECESSED INCANDESCENT LIGHT FIXTURE NORTH CAROLINA DIVISION LIGHTING - TRAVERSE II LED FIXTURE - PER SPECS 1800 PERIMETER PARK DRIVE RECESSED INCANDESCENT LIGHT FIXTURE W/ WATER RESISTANT HOUSING SUITE 140 ₩.P. MORRISVILLE, NC 27560 **(** RECESSED FLUORESCENT LIGHT FIXTURE TEL: (919) 768-7969 RECESSED EXHAUST FAN O RECESSED EXHAUST FAN/ INCANDESCENT LIGHT COMBINATION 0 RECESSED EXHAUST FAN/ FLUORESCENT LIGHT COMBINATION INCANDESCENT WALL SCONCE 2018 NORTH ILLUMINATED ADDRESS SIGN - VISIBLE FROM STREET **CAROLINA STATE** BUILDING 24"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED) CODES 12"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED) € $\vdash \bigcirc$ WALL MOUNTED JUNCTION BOX 000 DOOR CHIME ISSUE DATE: 09/10/18 +CATY RECEPTACLE PROJECT No.: 1350999:57 H® PUSH BUTTON DIVISION MGR.: REVISIONS: 12/23/19 SERVICE BOX HOME OFFICE CORP20003CORP/- 08/20/20 CTD I HOSE BIB W/ S.O.V. ADD NOTE TO TS'
NC20037NCP - 10/06/20 - KBA WATER STUB FOR ICE MAKER DIVISION REVISION NC21061NCP - 11/19/21 - KBA APPROVED CARBON MONOXIDE ALARM/ SMOKE DET. ⊢⊕ THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN) DIVISION REVISION NC22049NCP - 08/15/22 - KBA + GAS TAP DIVISION REVISION
NC23023NCP - 02/16/23 - KBA $\vdash X$ PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA 24" MIN. SEPERATION OF ELECTRICAL BOX AS SHOWN BELOW OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD <u>DWELLING</u> 2'-0" GFI \$ \$ \$ \$ SECONDARY MASTER NOTES MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS ARE SHOWN FOR INTENT ONLY. THESE SYSTEMS SHALL BE ENSINEERED BY OTHERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND PLACEMENT. ALL HEIGHTS SHOWN ARE TO CENTERLINE OF FIXTURE. 149.2115-R SHEET: SMOKE DETECTORS IN ROOMS WITH VOLUME CEILING TO BE LOCATED AT HIGHEST POINT OF CEILING SPEC. LEVEL 1 20 FOOT #4 REBAR FOR UFER GROUND AND ADDITIONAL COLD WATER GROUND, REFER TO SLAB INTERFACE PLAN FOR LOCATION. RALEIGH-DURHAM 200 AMP ELECTRICAL PANEL (DEFAULT). ELECTRICAL PLAN CHECK PERMIT REQUIRED IF LOAD EXCEED 400 AMPS. 50' SERIES

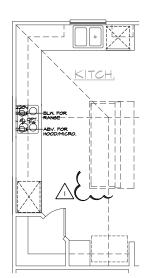
5.1







AT KITCHEN





NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

RECESSED EXHAUST FAN/ INCANDESCENT LIGHT COMBINATION

RECESSED EXHAUST FAN/ FLUORESCENT LIGHT COMBINATION INCANDESCENT WALL SCONCE ILLUMINATED ADDRESS SIGN - VISIBLE FROM STREET

UTILITY LEGEND 120V DUPLEX CONVENIENCE RECEPTACLE ARC FAULT(AFCI) AND TAMPER RESISTANT(TR) 12" ABV. FIN. FLR. TYPICAL U.N.O.

MP 6FI 120V (TR) RECEPTACLE W/ 6FI CIRCUIT
W WATER RESISTANT HOUSING ₩ 6FI 120v (TR) RECEPTACLE W 6FI CIRCUIT

> THREE-POLE LIGHT SWITCH FOUR-POLE LIGHT SWITCH

WALL MOUNTED LIGHT FIXTURE W/ WATER RESISTANT HOUSING

WALL MOUNTED INCANDESCENT LIGHT FIXTURE WALL MOUNTED FLUORESCENT LIGHT FIXTURE CEILING MOUNTED INCANDESCENT LIGHT FIXTURE CEILING MOUNTED FLUORESCENT LIGHT FIXTURE

RECESSED INCANDESCENT DIRECT LIGHT FIXTURE (EYE BALL)

RECESSED INCANDESCENT LIGHT FIXTURE

RECESSED INCANDESCENT LIGHT FIXTURE W MATER RESISTANT HOUSING

RECESSED FLUORESCENT LIGHT FIXTURE

LIGHTING - TRAVERSE II LED FIXTURE - PER SPECS

120v (AFCI & TR) RECESSED FLOOR RECEPTACLE W/ COVER

120v (AFCI & TR) DUPLEX CONVENIENCE RECEPTACLE SMITCH CONTROLLED, 1/2 HOT

TWO-POLE LIGHT SMITCH AT 42" ABV. FIN. FLR θ " ABOVE COUNTER U.N.O.

FUSED DISCONNECT

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12"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)

WALL MOUNTED JUNCTION BOX DOOR CHIME CATY RECEPTACLE

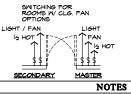
+H® PUSH BUTTON SERVICE BOX

HOSE BIB W/ S.O.V. WATER STUB FOR ICE MAKER

APPROVED CARBON MONOXIDE ALARM/ SMOKE DET.

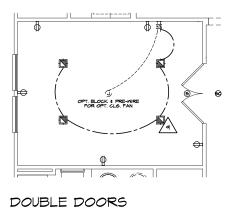
HT THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN) + GAS TAP

24" MIN. SEPERATION OF ELECTRICAL BOX AS SHOWN BELOW



MECHANICAL ELECTRICAL AND PLIMPING SYSTEMS ARE SHOWN FOR INTENT ONLY. THESE SYSTEMS SHALL BE ENSINERED BY OTHERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND PLACEMENT, ALL HEIGHTS SHOWN ARE TO CENTERLINE OF FIXTURE.

200 AMP ELECTRICAL PANEL (DEFAULT). ELECTRICAL PLAN CHECK PERMIT REQUIRED IF LOAD EXCEED 400



AT DEN

FAMILY

FIREPLACE

DEN

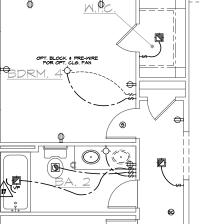
AT LIVING

OPT. BLOCK & PRE-WIRE FOR OPT. CLG. FAN

AT BATH 2

VANITY W/

DUAL SINK



GOURMET KITCHEN

FIRST FLOOR UTILITY PLAN OPTIONS

26

LAUNDRY SINK

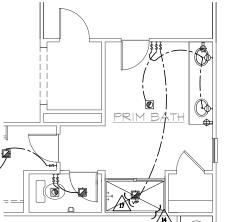
TEL: (919) 768-7969 2018 NORTH **CAROLINA STATE BUILDING** CODES ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57 DIVISION MGR.: REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD I ADD NOTE TO TS'
NC20037NCP - 10/06/20 - KBA DIVISION REVISION NC21061NCP - 11/19/21 - KBA DIVISION REVISION NC22049NCP - 08/15/22 - KBA DIVISION REVISION
NC23023NCP - 02/16/23 - KBA PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

SHEET:

5.2

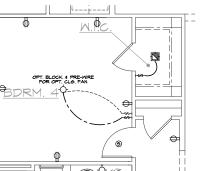






DELUXE PRIMARY BATH

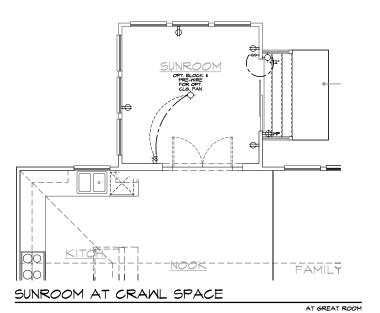
AT PRIMARY BATH

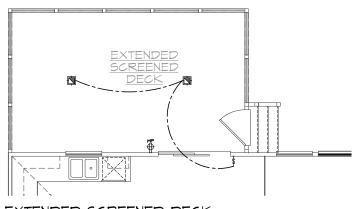


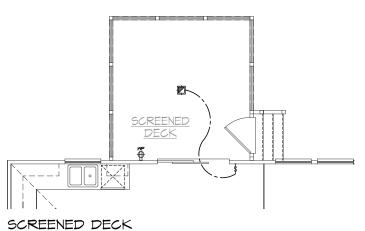
BEDROOM 4

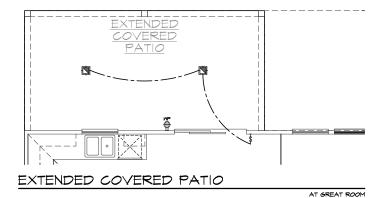
DWELLING

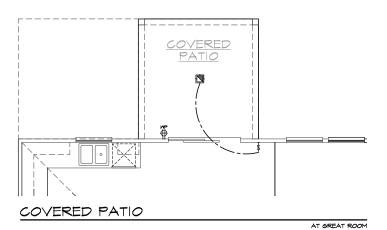
149.2115-R



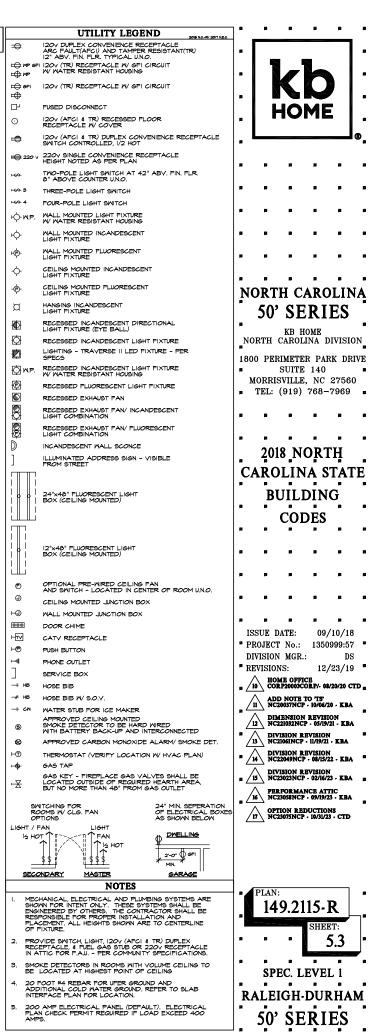


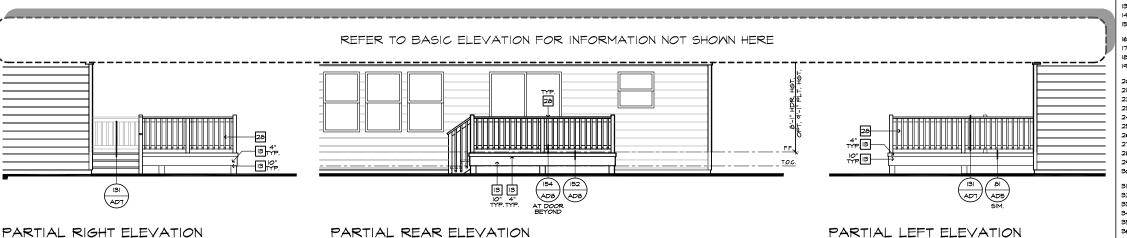


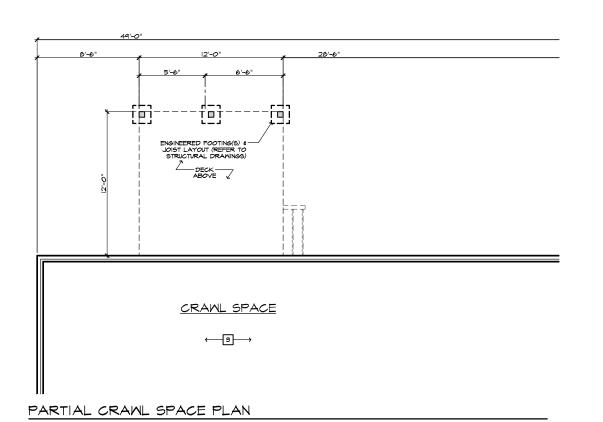


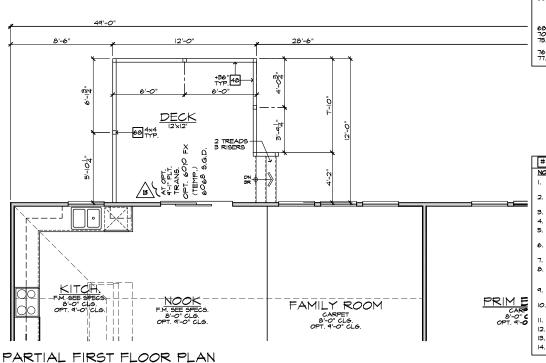


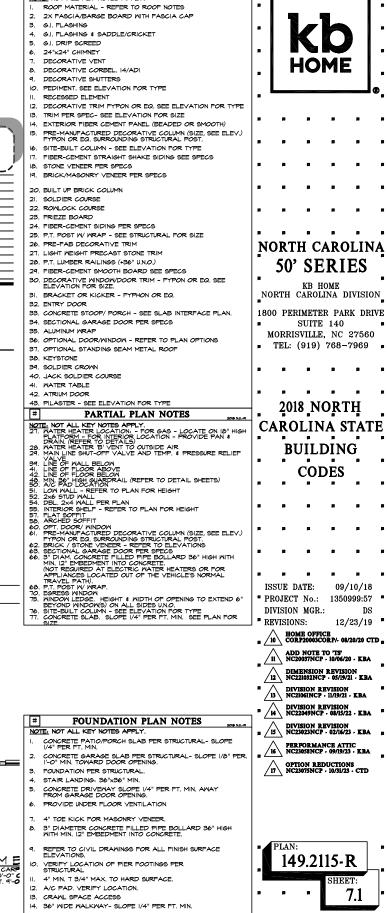
EXTENDED SCREENED DECK AT GREAT ROOM AT GREAT ROOM









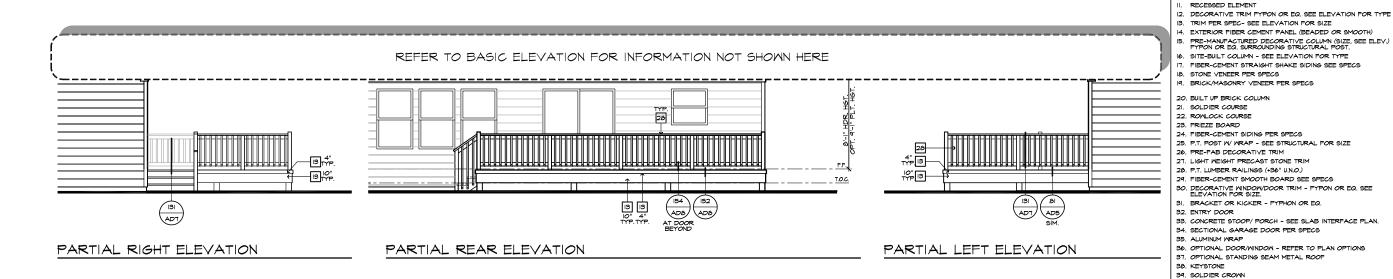


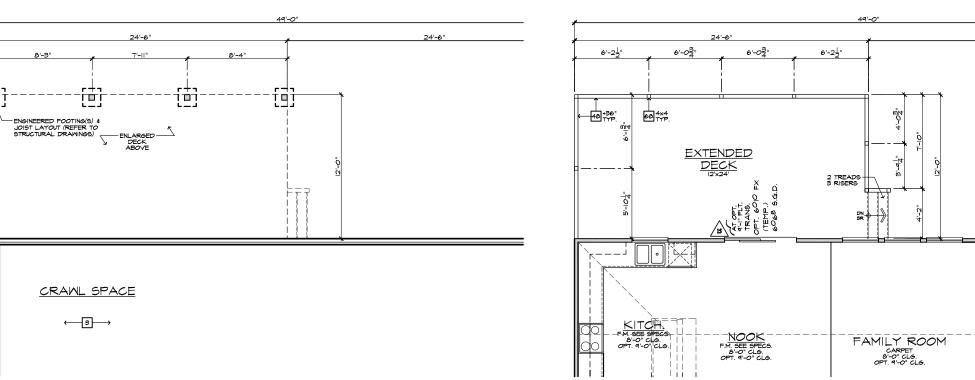
ELEVATION NOTES

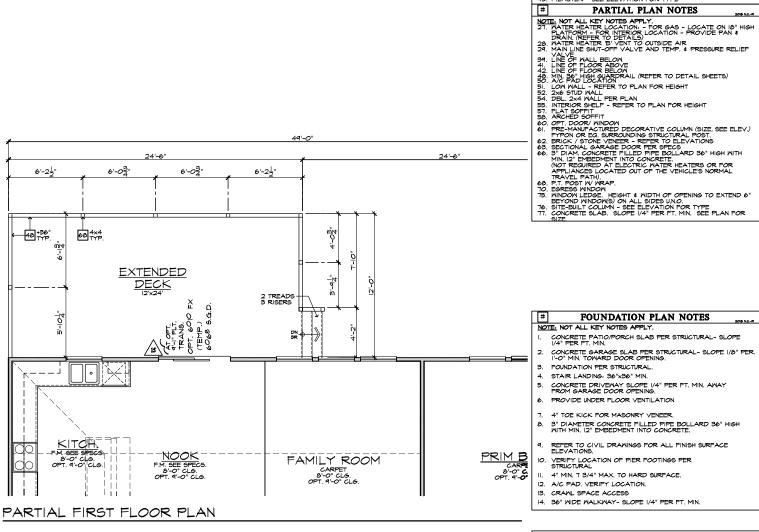
NOTE: NOT ALL KEY NOTES APPLY.

NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE spec. level 1
RALEIGH-DURHAM
50' SERIES







HOME

NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969 ■

2018 NORTH **CAROLINA STATE BUILDING** CODES

ISSUE DATE:

DIVISION MGR.:

REVISIONS:

09/10/18

12/23/19

PROJECT No.: 1350999:57

HOME OFFICE CORP20003CORP/- 08/20/20 CTD m

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

DIVISION REVISION
NC2106INCP · 11/19/21 · KBA

DIVISION REVISION NC23023NCP - 02/16/23 - KBA

PERFORMANCE ATTIC NC23058NCP - 09/19/23 - KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

149.2115-R

SHEET:

7.2

PARTIAL PLAN NOTES

ELEVATION NOTES

ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

NOTE: NOT ALL KEY NOTES APPLY.

4. G.I. FLASHING & SADDLE/CRICKET
5. G.I. DRIP SCREED

6. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE

3. G.I. FLASHING

6. 24"x24" CHIMNEY 7. DECORATIVE VENT

40. JACK SOLDIER COURSE 41. WATER TABLE 42. ATRIUM DOOR

43. PILASTER - SEE ELEVATION FOR TYPE

FOUNDATION P FOUNDATION PLAN NOTES

CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.

CONCRETE GARAGE SLAB PER STRUCTURA FOUNDATION PER STRUCTURAL.

4. STAIR LANDING: 36"x36" MIN.

CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.

6. PROVIDE UNDER FLOOR VENTILATION

4" TOE KICK FOR MASONRY VENEER.
 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.

REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.

IO. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL I. 4" MIN. 7 3/4" MAX. TO HARD SURFACE

12. A/C PAD. VERIFY LOCATION.

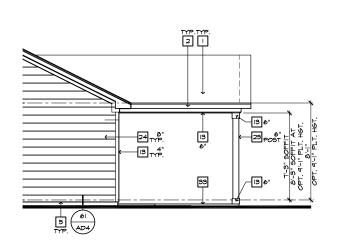
14. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.

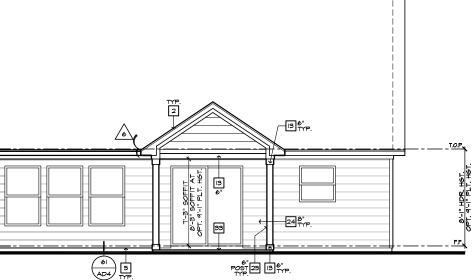
NOTE: REFER TO BASIC **ELEVATIONS** FOR INFORMATION NOT SHOWN HERE

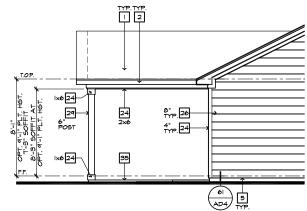
NOTE:
REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

PARTIAL CRAWL SPACE PLAN







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

PARTIAL REAR ELEVATION

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

PARTIAL LEFT ELEVATION

SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XIT")

ROOF PLAN NOTES 'A'

5:12

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

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

ATTIC VENT CALCULATIONS

PROVIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3'-0' ABOVE EAVE VENT AITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 N.C.-R 806.2) * CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED.

APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

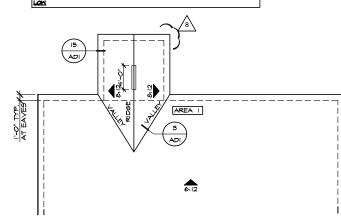
AREA I / MAIN W COVERED PATIO:
VENTILATION REQUIRED:
ATTIC AREA = 27IO X 144 = 1301 5Q. IN.

TOTAL HIGH \$ LOW = 1301 5Q. IN.

X 50% = 650 5Q. IN.

VENTILATION PROVIDED

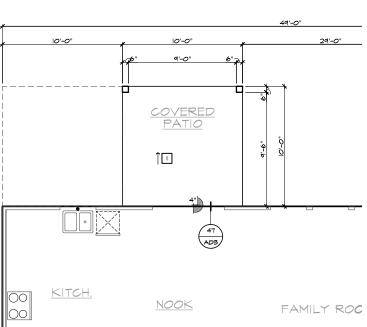
18 SQ. IN. / LF. = 50 SQ. IN. EA. = SUB-TOTAL HIGH VENTILATION:



792 SQ. 11

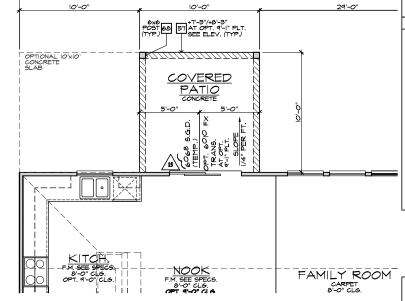
PARTIAL ROOF PLAN

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



PARTIAL SLAB INTERFACE PLAN

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



PARTIAL FIRST FLOOR PLAN

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

ELEVATION NOTES

NOTE: NOT ALL KEY NOTES APPLY.

- ROOF MATERIAL REFER TO ROOF NOTES
- 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
- 3. G.I. FLASHING
- 4. G.I. FLASHING & SADDLE/CRICKET
- 5. G.I. DRIP SCREED
- 6. 24"x24" CHIMNEY 7. DECORATIVE VENT
- 8. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS
- IO. PEDIMENT. SEE ELEVATION FOR TYPE I. RECESSED ELEMENT
- 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
- TRIM PER SPEC- SEE ELEVATION FOR SIZE
 EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)
- 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
- 16. SITE-BUILT COLUMN SEE ELEVATION FOR TYPE
- 17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS
- 18. STONE VENEER PER SPECS 9. BRICK/MASONRY VENEER PER SPECS

- 21. SOLDIER COURSE 22. ROWLOCK COURSE
- 23. FRIEZE BOARD
- 24. FIBER-CEMENT SIDING PER SPECS
- 25. P.T. POST W/ WRAP SEE STRUCTURAL FOR SIZE
- 26. PRE-FAB DECORATIVE TRIM
- 27. LIGHT WEIGHT PRECAST STONE TRIM
- 28. P.T. LUMBER RAILINGS (+36" U.N.O.)
- 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS
- 30. DECORATIVE WINDOW/DOOR TRIM FYPON OR EQ. SEE ELEVATION FOR SIZE.
- 31. BRACKET OR KICKER FYPHON OR EQ.
- 32. ENTRY DOOR
- 33. CONCRETE STOOP/ PORCH SEE SLAB INTERFACE PLAN.
- 34. SECTIONAL GARAGE DOOR PER SPECS 35. ALUMINUM WRAP
- 36. OPTIONAL DOOR/WINDOW REFER TO PLAN OPTIONS
- 37. OPTIONAL STANDING SEAM METAL ROOF
- 38. KEYSTONE 39. SOLDIER CROWN
- 40. JACK SOLDIER COURSE
- 4I. WATER TABLE
- 42. ATRIUM DOOR
- 43. PILASTER SEE ELEVATION FOR TYPE

PARTIAL PLAN NOTES

MOTE, NOT ALL KEY NOTES APPLY

NOTE, NOT ALL KEY NOTES APPLY

PLATTER HEATER LOCATION: - FOR GAS - LOCATE ON 10° HIGH
PLATTORM - FOR INTERIOR LOCATION - PROVIDE PAN 4

DRAIN. (REFER TO DETAILS)

WAS THE HEATER BY VENT TO CUTSIDE AIR

MAIN LINE SHIT-OFF VALVE AND TEMP. 4 PRESSURE RELIEF

94. LINE OF PALL BELOW

41. LINE OF FLOOR ABOVE

42. LINE OF FLOOR ABOVE

50. WAS BOUNDED AND TEMP. 10 DETAIL SHEETS)

50. WAS BOUNDED AND FOR HEIGHT

- 2. LINE OF FLOOR BELOW

 2. LINE OF FLOOR BELOW

 3. MIX 925 (1991) SUASPRAIL (REFER TO DETAIL SHEETS)

 3. MIX 925 (1991) SUASPRAIL (REFER TO DETAIL SHEETS)

 4. DEL 244 MALL REFER TO PLAN FOR HEIGHT

 4. DEL 244 MALL PER PLAN

 5. INTERIOR SHELF REFER TO PLAN FOR HEIGHT

 7. FLAT SOFFIT

 7. FLAT SOFFIT

 7. OFFIT SHEET SHEET TO PLAN FOR HEIGHT

 7. FLAT SOFFIT

 7. OFFIT SHEET SHEET SHEET SHEET SHEET SHEET

 7. OFFIT SHEET SHEET SHEET SHEET SHEET SHEET SHEET

 7. OFFIT SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET

 8. SECTIONAL GARAGE DOOR PER SPECS

 6. 3° DIAM CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH

 MIX. 12" EMBEDIMENT INTO CONCRETE. HEATERS OR FOR

 AFPLIANCES SHOWED OUT OF THE VEHICLE'S NORMAL

 8. PT. TEGST W WARP.

 9. ERRES PINDOW

 9. MINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6"

 8. SHIET-BUILT COLUMN SEE ELEVATION FOR TYPE

 8. SHEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR

 5. SHEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR

 5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR

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 5. STEED SLAB. SLOPE SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR

 5. STEED SLOPE SLOPE SLOPE SLOPE SLOPE SLOPE SLOPE

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SLAB PLAN NOTES

NOTE: NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.

- CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOMARD DOOR OPENING.
- 3. CONCRETE FOUNDATION PER STRUCTURAL CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.
- CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
- PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.
- 5" BRICK LEDGE FOR MASONRY VENEER
- 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
- VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.
- 4" MIN. 8 I/4" MAX. TO HARD SURFACE.
- 12. A/C PAD. VERIFY LOCATION.
- 13. 36" MIDE MALKMAY- SLOPE 1/4" PER FT. MIN.

NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

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

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

149.2115-R SHEET: 8.A1 SPEC. LEVEL 1 RALEIGH-DURHAM

50' SERIES

HOME

NORTH CAROLINA

50' SERIES

кв номе

NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE

SUITE 140

MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

2018 NORTH

CAROLINA STATE

BUILDING

CODES

09/10/18

12/23/19

PROJECT No.: 1350999:57

HOME OFFICE CORP20003CORP/- 08/20/20 CTD.

DIMENSION REVISION NC221032NCP - 05/19/21 - KBA

DIVISION REVISION NC22049NCP - 08/15/22 - KBA

DIVISION REVISION NC23023NCP - 02/16/23 - KBA

PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

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

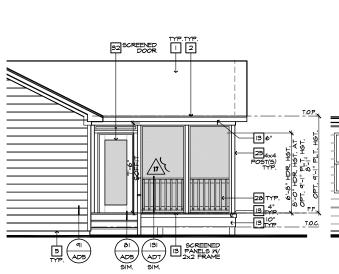
DIVISION REVISION
NC2106INCP - 11/19/21 - KBA

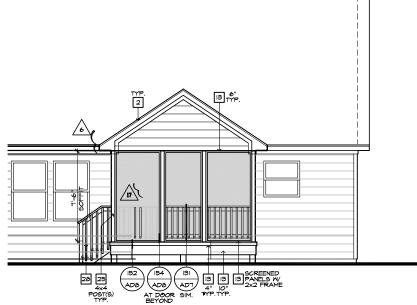
ISSUE DATE:

REVISIONS:

DIVISION MGR.:

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





TYP.TYP. 6" [3 #×4 POST(S) 25 AD7 SCREENED BANELS W 13 13 13 13 2x2 FRAME

PARTIAL REAR ELEVATION

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

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

PARTIAL LEFT ELEVATION

12'-0'

SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")

ROOF PLAN NOTES 'G'

PARTIAL RIGHT ELEVATION

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

INDICATES ROOF SLOPE AND DIRECTION, U.N.O. ROOF MATERIAL: COMPOSITION SHINGLE

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

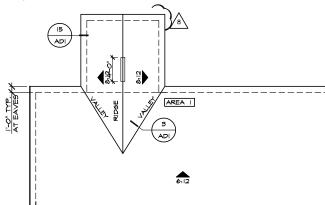
ATTIC VENT CALCULATIONS PROVIDE I SQ. IN. OF VENTILATION PER 300 9G. IN. OF ATTIC
SPACE. PROVIDE THAT AT LEAST 50% 4 NO MORE THAN 80% OF
THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS
LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING)
AT 3"-O" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED
BY EAVE VENTS, (LON VENTING) (2016 N.C.-R. 806.2)

** CALCULATION BY VISO, HIGH/LOW VENTING NOT REQUIRED.

APPROXIMATE RIDGE VENT LOCATIONS SHOWN.
ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

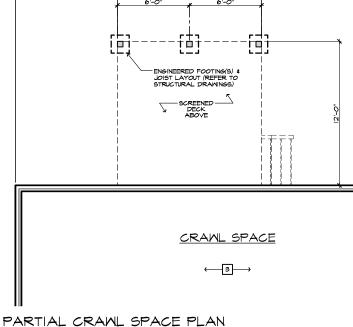
AREA I / MAIN W/ SCREENED-IN DECK VENTILATION REQUIRED ATTIC AREA = 2754

TOTAL HIGH & LOW = 1322 SQ. IN x 50% = 661 SQ. II LF RIDGE VENT(S) AT



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





4'-0" 6'-0" 6'-0" 4'-0" 4'-0" --68 4×4 TYP. +7'-3"/+8'-3" AT -57 OPT. 9'-1" PLT. SEE ELEV. (TYP. 48 +36" TYP SCREENED DECK WOOD DECKING FAMILY ROOM

PARTIAL FIRST FLOOR PLAN

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

SCREENED-IN COVERED DECK AT CRAWL SPACE 'A'

ELEVATION NOTES

NOTE: NOT ALL KEY NOTES APPLY.

ROOF MATERIAL - REFER TO ROOF NOTES

2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

3. G.I. FLASHING

4. G.I. FLASHING & SADDLE/CRICKET

5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY

DECORATIVE VENT

8. DECORATIVE CORBEL. 14/ADI DECORATIVE SHUTTERS

IO. PEDIMENT, SEE ELEVATION FOR TYPE RECESSED ELEMENT

12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE IS. TRIM PER SPEC- SEE ELEVATION FOR SIZE

14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH,

15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.

I6. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPEI7. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS

18. STONE VENEER PER SPECS 19. BRICK/MASONRY VENEER PER SPECS

20. BUILT UP BRICK COLUMN

21. SOLDIER COURSE

22. ROWLOCK COURSE 23. FRIEZE BOARD

24. FIBER-CEMENT SIDING PER SPECS 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE

27. LIGHT WEIGHT PRECAST STONE TRIM

28. P.T. LUMBER RAILINGS (+36" U.N.O.) 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS

30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.

SI. BRACKET OR KICKER - FYPHON OR EQ.

33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS

35. ALUMINUM WRAP

36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS

37. OPTIONAL STANDING SEAM METAL ROOF

38. KEYSTONE 39. SOLDIER CROWN

40. JACK SOLDIER COURSE

42. ATRIUM DOOR

43. PILASTER - SEE ELEVATION FOR TYPE

PARTIAL PLAN NOTES

PARTIAL PLAN NOTES

NOTE: NOT ALL KEY NOTES APPLY.
21. MATER HEATER LOCATION: - FOR GAS - LOCATE ON 16' HIGH PLATFORM - FOR INTERIOR LOCATION: - PROVIDE PAN & DEATH OF THE PROVIDE PAN & DEATH OF THE PROVIDE PAN & DEATH OF THE PROVIDE PAN & DEATH HEATER BY VENT TO CUTSIDE AIR.
29. MAINE HEATER BY VENT TO CUTSIDE AIR.
39. LINE OF MALL BELOW.
41. LINE OF FLOOR ABOVE.
44. LINE OF FLOOR ABOVE.
45. LINE SHITLORY BELOW.
41. LINE OF FLOOR ABOVE.
45. LINE SHITLORY BELOW.
41. LINE OF FLOOR ABOVE.
45. LINE SHITLORY BELOW.
41. LINE OF FLOOR ABOVE.
45. LOW WALL - REFER TO PLAN FOR HEIGHT.
55. AND SHITLORY BELOW.
41. LINE OF PLOOR AND FRAIL (REFER TO DETAIL SHEETS).
50. MACHED SOTFIT.
51. AND SHITLORY SHITLE - REFER TO PLAN FOR HEIGHT.
52. 246 FAID WALL.
53. ARCHED SOTFIT.
64. OPT. DOOR! MINDOW.
61. FRE-MANIFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)
FYPON OR EG. SURROUNDING STRUCTURAL POST.
62. BRICK / STONE VENEER - REFER TO ELEVATIONS.
63. SECTIONAL GARAGE DOOR FRE SPECS.
66. 35 DIAM CONCRETE FILLED PIPE BOLLARD 36' HIGH WITH MIND SHEED PATH.)
66. P.T. POST W WRAP.
70. EGRESS MINDOW.
71. ENDES SHIDDOW.
72. SHEED SHIDOW.
73. BEYOND MINDOW IS BEYOND MARAP.
74. ESPECS MINDOW.
75. SHEED SHIDOW.
76. STEL-BULT COLUMN - SEE ELEVAND FOR THE FILL OF THE TIPE.

FOUNDATION PLAN NOTES.

FOUNDATION PLAN NOTES NOTE: NOT ALL KEY NOTES APPLY.

CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/8" I'-O" MIN. TOMARD DOOR OPENING.

FOUNDATION PER STRUCTURAL. 4. STAIR LANDING: 36"x36" MIN.

CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.

6. PROVIDE UNDER FLOOR VENTILATION . 4" TOE KICK FOR MASONRY VENEER

3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.

REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.

VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL

4" MIN, 7 3/4" MAX, TO HARD SURFACE.

12. A/C PAD. VERIFY LOCATION. 13. CRAWL SPACE ACCESS

14. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN

THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R4091. THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R409.2.

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

NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

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



50' SERIES

KB HOME NORTH CAROLINA DIVISION

TEL: (919) 768-7969 **m**

NORTH CAROLINA

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

2018 NORTH **CAROLINA STATE** BUILDING

CODES

ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57 DIVISION MGR.:

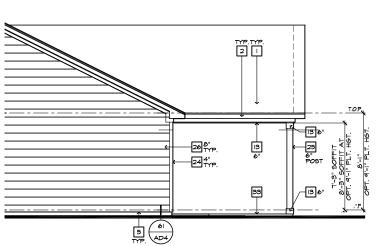
REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD. ADD NOTE TO 'TS' NC20037NCP · 10/06/20 · KBA

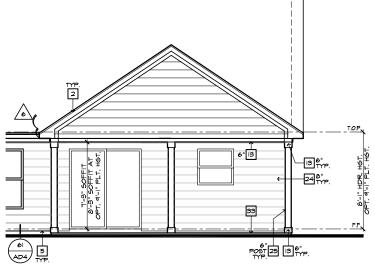
DIMENSION REVISION NC221032NCP - 05/19/21 - KBA DIVISION REVISION NC2106INCP - 11/19/21 - KBA

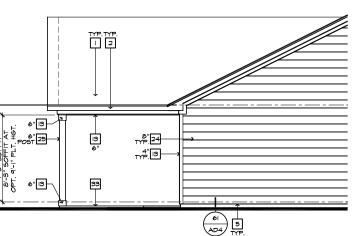
DIVISION REVISION NC22049NCP - 08/15/22 - KBA

PERFORMANCE ATTIC NC23058NCP - 09/19/23 - KBA

149.2115-R 8.A2







10'-0"

X

TEMP:)

OPT. 600 1

TRAN. 600 1

TRAN. 600 1

TRANG. AT OPT.

PARTIAL RIGHT ELEVATION

SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7") SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

PARTIAL REAR ELEVATION

10'-0"

 $\uparrow \Box$

FAMILY ROOM

NOOK

PARTIAL LEFT ELEVATION

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

10'-0"

6x6 POST 68 57 AT OPT. 9'-1" PLT. (TYP) SEE ELEV. (TYP.)

ROOF PLAN NOTES 'G'

6:12 ROOF MATERIAL . COMPOSITION SHINGLE

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

ATTIC VENT CALCULATIONS

PROVIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3'-0' ABOVE EAVE VENT AITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 N.C.-R 806.2) * CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED.

APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

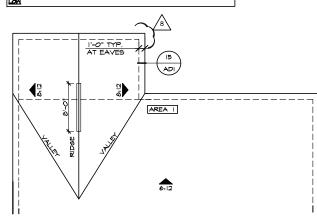
AREA I / MAIN W EXTENDED COVERED PATIO: VENTILATION REQUIRED: ATTIC AREA = 2810 5Q. FT. / 300 4.37 5Q. X 144 = 1349 SQ. IN.

TOTAL HIGH \$ LOW = 1349 SQ. IN.

X 50% = 674 SQ. IN. VENTILATION PROVIDED

SUB-TOTAL HIGH VENTILATION:

828 SQ. 11



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

PARTIAL SLAB INTERFACE PLAN

KITCH.

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

PARTIAL FIRST FLOOR PLAN

EXTENDED COVERED

PATIO

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

ELEVATION NOTES NOTE: NOT ALL KEY NOTES APPLY. ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP 3. G.I. FLASHING 4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY 7. DECORATIVE VENT 6. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE I. RECESSED ELEMENT 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE TRIM PER SPEC- SEE ELEVATION FOR SIZE EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH) PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. 6. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS 18. STONE VENEER PER SPECS 19. BRICK/MASONRY VENEER PER SPECS 21. SOLDIER COURSE 22. ROWLOCK COURSE 23. FRIEZE BOARD 24. FIBER-CEMENT SIDING PER SPECS 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM 27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.) 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE. 31. BRACKET OR KICKER - FYPHON OR EQ. 32. ENTRY DOOR 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS 35. ALUMINUM WRAP 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF 38. KEYSTONE 39. SOLDIER CROWN 40. JACK SOLDIER COURSE 4I. WATER TABLE 42. ATRIUM DOOR 43. PILASTER - SEE ELEVATION FOR TYPE PARTIAL PLAN NOTES MOTE, NOT ALL KEY NOTES APPLY 20. MATER HEATER LOCATION: - FOR GAS - LOCATE ON 10" HIGH PLATFORM - FOR NITERIOR LOCATION - FOR GAS - LOCATE ON 10" HIGH PLATFORM - FOR NITERIOR LOCATION - FOR YOUTE PAN 8 12. MAIN LINE SHUT-OFF VALVE AND TEMP. 8 PRESSURE RELIEF 24. LINE OF PLOOR ABOVE 42. LINE OF FLOOR ABOVE 45. NIN 30" HIGH SUNTRAIL (REFER TO DETAIL SHEETS) 55. LOON MAIL - REFER TO PLAN FOR HEIGHT 2. LINE OF FLOOR BELOW 2. LINE OF FLOOR BELOW 3. MIX 925 (1991) SUASPRAIL (REFER TO DETAIL SHEETS) 3. MIX 925 (1991) SUASPRAIL (REFER TO DETAIL SHEETS) 4. DEL 244 MALL - REFER TO PLAN FOR HEIGHT 4. DEL 244 MALL PER PLAN 5. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT 7. FLAT SOFFIT 7. FLAT SOFFIT 7. OFFIT SHEET SHEET TO PLAN FOR HEIGHT 7. FLAT SOFFIT 7. OFFIT SHEET SHEET SHEET SHEET SHEET SHEET 7. OFFIT SHEET SHEET SHEET SHEET SHEET SHEET SHEET 7. OFFIT SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET 8. SECTIONAL GARAGE DOOR PER SPECS 6. 3° DIAM CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIX. 12" EMBEDIMENT INTO CONCRETE. HEATERS OR FOR AFPLIANCES SHOWED OUT OF THE VEHICLE'S NORMAL 8. PT. TEGST W WARP. 9. ERRES PINDOW 9. MINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" 8. SHIET-BUILT COLUMN - SEE ELEVATION FOR TYPE 8. SHEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. SHEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLAB. SLOPE SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR 5. STEED SLOPE SLOPE SLOPE SLOPE SLOPE SLOPE SLOPE # NOTE: NOT ALL KEY NOTES APPLY OPTIONAL IO'XIO' CONCRETE

DIVISION MGR.: REVISIONS: SLAB PLAN NOTES HOME OFFICE CORP20003CORP/- 08/20/20 CTD. ADD NOTE TO 'TS'
NC20037NCP · 10/06/20 · KBA

CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.

CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" I'-O" MIN. TOWARD DOOR OPENING. CONCRETE FOUNDATION PER STRUCTURAL CONCRETE STOOP: 36"x36" STANDARD SLOPE 1/4" PER FT. MIN.

CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.

5" BRICK I EDGE FOR MASONRY VENEER 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.

O. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.

4" MIN. 8 I/4" MAX. TO HARD SURFACE.

12. A/C PAD. VERIFY LOCATION.

FAMILY ROOM

13. 36" MIDE MALKMAY- SLOPE 1/4" PER FT. MIN.

149.2115-R

NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

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

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

SHEET: 8.A3 SPEC. LEVEL 1

HOME

NORTH CAROLINA

50' SERIES

кв номе

NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE

SUITE 140

MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

2018 NORTH

CAROLINA STATE

BUILDING

CODES

09/10/18

12/23/19

PROJECT No.: 1350999:57

DIMENSION REVISION NC221032NCP - 05/19/21 - KBA

DIVISION REVISION NC23023NCP - 02/16/23 - KBA

DIVISION REVISION
NC2106INCP - 11/19/21 - KBA

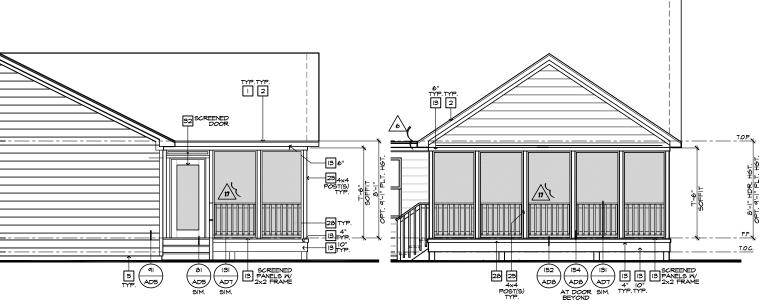
OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

ISSUE DATE:

RALEIGH-DURHAM 50' SERIES

EXTENDED COVERED PATIO 'A'

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



PARTIAL RIGHT ELEVATION

ROOF PLAN NOTES 'G'

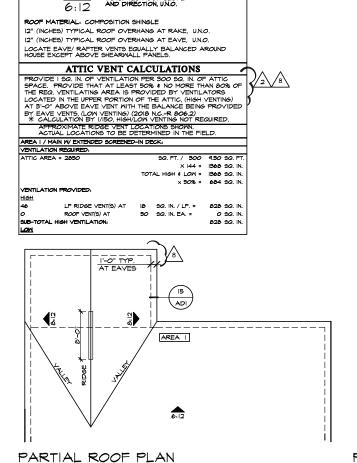
SCALE I/4"=I'-0" (22"X34") - I/8"=I'-0" (II"XI7")

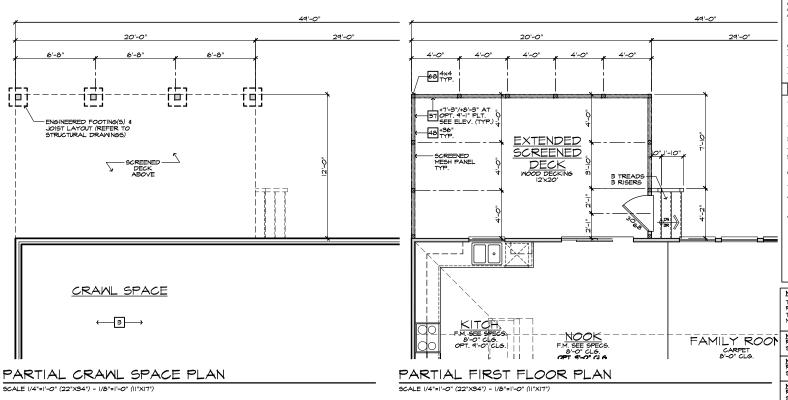
PARTIAL REAR ELEVATION

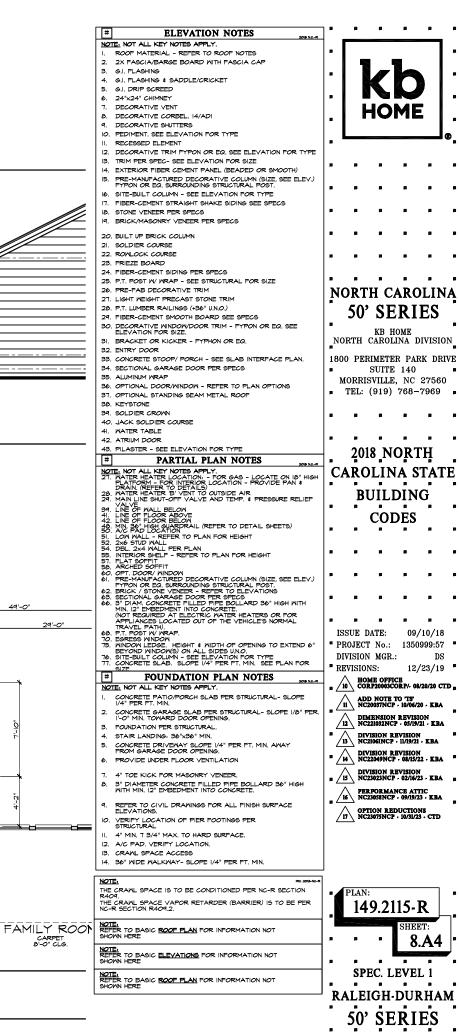
SCALE I/4"=I'-0" (22"X34") - I/8"=I'-0" (II"XI7")

PARTIAL LEFT ELEVATION

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

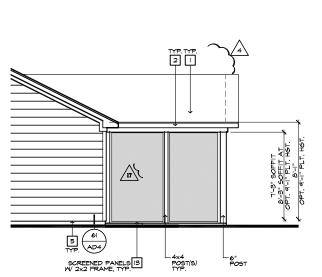






EXTENDED SCREENED-IN COVERED DECK AT CRAWL SPACE 'A'

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

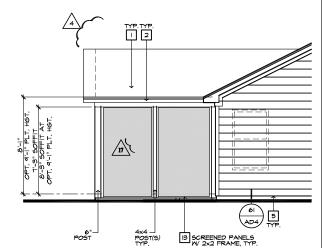


SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

17/2 61 5 AD4 TYP. L6" POST

PARTIAL REAR ELEVATION

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



PARTIAL LEFT ELEVATION

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

ROOF PLAN NOTES 'G' 6:12

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

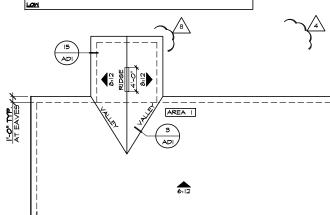
ATTIC VENT CALCULATIONS

PROVIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3'-0' ABOVE EAVE VENT AITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 N.C.-R 806.2) * CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED

APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA I / MAIN W SCREENED-IN DECK:
VENTILATION REQUIRED:
ATTIC AREA = 2754 X |44 = | |322 | 50. | N. | TOTAL HIGH & LOW = | |322 | 50. | N. | X | 50% = | |66| | 50. | N. | VENTILATION PROVIDED

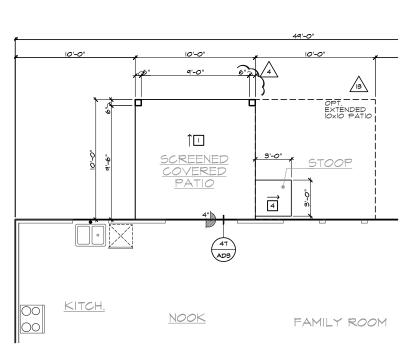
SUB-TOTAL HIGH VENTILATION:



792 SQ. IN

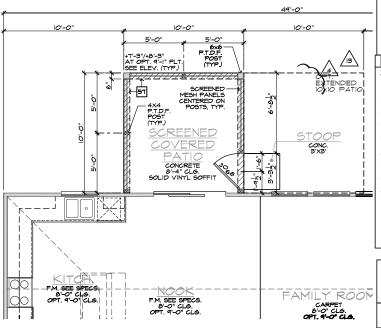
PARTIAL ROOF PLAN

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



PARTIAL SLAB INTERFACE PLAN

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



PARTIAL FIRST FLOOR PLAN

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



NOTE: NOT ALL KEY NOTES APPLY. ROOF MATERIAL - REFER TO ROOF NOTES

2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

3. G.I. FLASHING 4. G.I. FLASHING & SADDLE/CRICKET

5. G.I. DRIP SCREED

6. 24"x24" CHIMNEY 7. DECORATIVE VENT

8. DECORATIVE CORBEL. 14/ADI

9. DECORATIVE SHUTTERS

IO. PEDIMENT. SEE ELEVATION FOR TYPE I. RECESSED ELEMENT

12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE

TRIM PER SPEC- SEE ELEVATION FOR SIZE
 EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)

15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.

16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS

18. STONE VENEER PER SPECS 19. BRICK/MASONRY VENEER PER SPECS

21. SOLDIER COURSE

22. ROWLOCK COURSE 23. FRIEZE BOARD

24. FIBER-CEMENT SIDING PER SPECS

25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE

26. PRE-FAB DECORATIVE TRIM

27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.)

29. FIBER-CEMENT SMOOTH BOARD SEE SPECS

30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.

31. BRACKET OR KICKER - FYPHON OR EQ.

32. ENTRY DOOR

33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 34. SECTIONAL GARAGE DOOR PER SPECS

35. ALUMINUM WRAP

36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF

38. KEYSTONE 39. SOLDIER CROWN

40. JACK SOLDIER COURSE 4I. WATER TABLE

42. ATRIUM DOOR

43. PILASTER - SEE ELEVATION FOR TYPE

PARTIAL PLAN NOTES

NOTE, NOT ALL SEY NOTES PPLY

27. MATER HEATER, LOCATION - FOR GG - LOCATE ON 169 HIGH

PAIN (REFER TO DETAILS)

28. MATER HEATER B: VENT TO OUTSIDE AIR

29. MAIN, RIME SHUT-OFF VALVE AIN TEMP. 8 PRESSURE RELIEF

22. MATER HEATER ® VENT TO OUTSIDE AIR
29. MAIN LINE SHUT-OFF VALVE AND TEMP. 8 PRESSURE RELIEF
VALVE
MALL BELOW
41. LINE OF FLOOR BELOW
42. LINE OF FLOOR BELOW
43. MINE SHUT-OFF VALVE RESULT SHEETS)
50. AVE PAD LIC ASTON
50. AVE PAD LIC ASTON
51. LOW PAD LIC ASTON
52. LOW PAD LIC ASTON
53. LOW PAD LIC ASTON
54. MINE SHEET TO PLAN FOR HEIGHT
55. MINE PALL REFER TO PLAN FOR HEIGHT
57. FLAT SOFFIT
58. ARCHED SOFFIT
60. OPT. DOOR MINDOW
61. PRE-MANIFACT DECORATIVE COLUMN (SIZE, SEE ELEV.)
FOR ON COLOR SHREVIADING STRUCTURAL POST.
62. SECTIONAL GRAVED POST.
63. SECTIONAL GRAVED FOR STRUCTURAL POST.
64. ST DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH MITH
MINE MARCHED SOFT SHEET SPEEG VATIONS
65. STRUCTURAL POST.
66. ST DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH MITH
MINE MARCHED FOR THE VEHICLE'S NORMAL
FRAVEL PATH).
67. TREGURED AT ELECTRIC WATER HEATERS OR FOR
APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL
FRAVEL PATH).
68. TREGURED AT ELECTRIC WATER HEATERS OR FOR
APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL
FRAVEL PATH).
69. TREGURED AT ELECTRIC WATER HEATERS OR FOR
APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL
FRAVEL PATH).
69. TREGURED AT ELECTRIC WATER HEATERS OR FOR
APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL
FRAVEL PATH).
69. TREGURED AT ELECTRIC WATER PER FINE OF EXTEND 6"
61. STE-BULL COLUMN - SEE ELEVATION FOR TYPE
71. CONCRETE SLAB. SLOPE IA'F PER FIT MIN. SEE PLAN FOR
61/27

SLAB PLAN NOTES NOTE: NOT ALL KEY NOTES APPLY.

CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER. 1'-O" MIN. TOMARD DOOR OPENING.

CONCRETE FOUNDATION PER STRUCTURAL

CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.

CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.

5" BRICK LEDGE FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.

REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.

VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.

4" MIN. 8 I/4" MAX. TO HARD SURFACE.

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

NOTE:
THE CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION REGORD.
THE CRANL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION REGORD.

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

NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

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

HOME

NORTH CAROLINA 50' SERIES

кв номе NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

2018 NORTH **CAROLINA STATE BUILDING** CODES

ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57

DIVISION MGR.: REVISIONS: 12/23/19

HOME OFFICE CORP20003CORP/- 08/20/20 CTD. ADD NOTE TO 'TS'
NC20037NCP · 10/06/20 · KBA DIMENSION REVISION NC221032NCP - 05/19/21 - KBA

DIVISION REVISION NC21061NCP - 11/19/21 - KBA DIVISION REVISION NC22049NCP - 08/15/22 - KBA

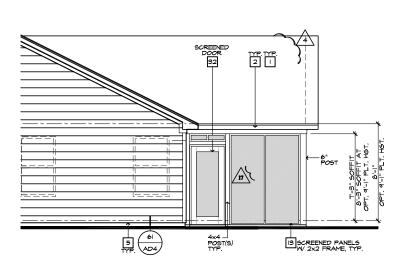
DIVISION REVISION NC23023NCP - 02/16/23 - KBA

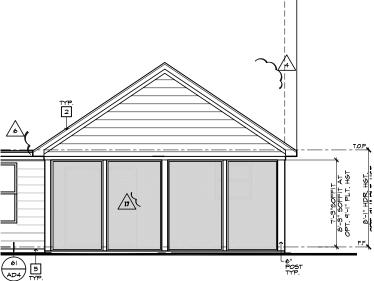
OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

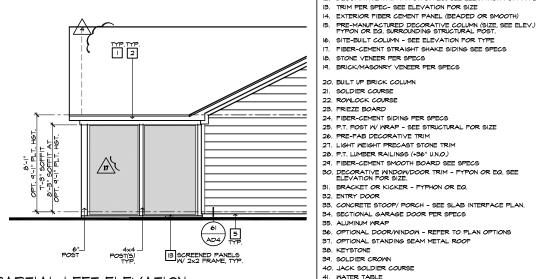
149.2115-R SHEET:

SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

8.A5







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

PARTIAL REAR ELEVATION

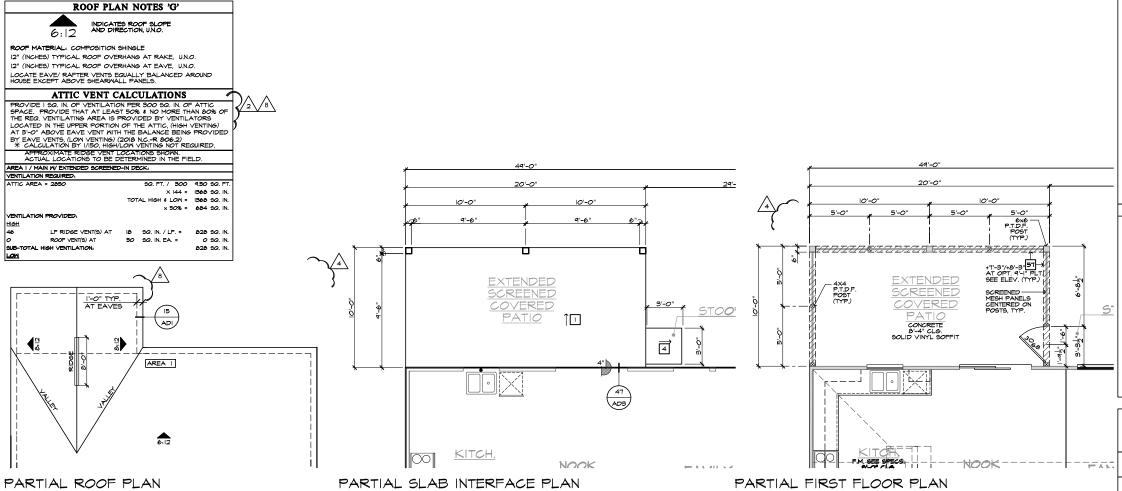
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

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

PARTIAL LEFT ELEVATION

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

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



PARTIAL PLAN NOTES NOTE, NOT ALL SEY NOTES PPLY

27. MATER HEATER, LOCATION - FOR GG - LOCATE ON 169 HIGH

PAIN (REFER TO DETAILS)

28. MATER HEATER B: VENT TO OUTSIDE AIR

29. MAIN, RIME SHUT-OFF VALVE AIN TEMP. 8 PRESSURE RELIEF **BUILDING** 29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF
24. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF
34. LINE OF FLOOR ABOVE
34. LINE OF FLOOR BELOW
35. LINE OF FLOOR BELOW
36. MIN 36" HIGH GWARDRAIL (REFER TO DETAIL SHEETS)
36. AC PAD LOCATION
37. LOW WALL - REFER TO PLAN FOR HEIGHT
37. 24. SHUT-OFF LOOR SHELDED FOR THE SHEETS
37. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
38. ARCHED SOFFIT
39. ARCHED SOFFIT
3 CODES ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57 DIVISION MGR.: REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD. SLAB PLAN NOTES NOTE: NOT ALL KEY NOTES APPLY ADD NOTE TO 'TS'
NC20037NCP - 10/06/20 - KBA CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. DIMENSION REVISION NC221032NCP - 05/19/21 - KBA CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/6" PER I'-O" MIN. TOWARD DOOR OPENING. DIVISION REVISION NC2106INCP - 11/19/21 - KBA 3. CONCRETE FOUNDATION PER STRUCTURAL CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. DIVISION REVISION NC23023NCP - 02/16/23 - KBA PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. PERFORMANCE ATTIC NC23058NCP - 09/19/23 - KBA 5" BRICK LEDGE FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. O. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB. I. 4" MIN. & I/4" MAX. TO HARD SURFACE. 12. A/C PAD. VERIFY LOCATION. 13. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN. NOTE:
THE CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION REGORD.
THE CRANL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION REGORD. 149.2115-R

EXTENDED SCREENED-IN COVERED PATIO 'A'

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

HOME

NORTH CAROLINA 50' SERIES

KB HOME NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

2018 NORTH **CAROLINA STATE**

SHEET:

SPEC. LEVEL 1

RALEIGH-DURHAM

50' SERIES

8.A6

ELEVATION NOTES

12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE

ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

NOTE: NOT ALL KEY NOTES APPLY.

4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY 1. DECORATIVE VENT

B. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE

I. RECESSED ELEMENT

42. ATRIUM DOOR

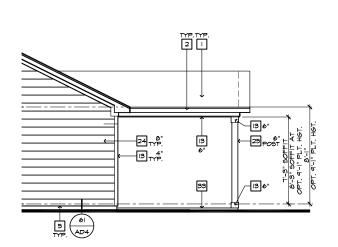
43. PILASTER - SEE ELEVATION FOR TYPE

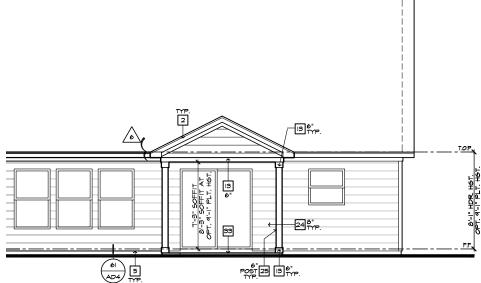
3. G.I. FLASHING

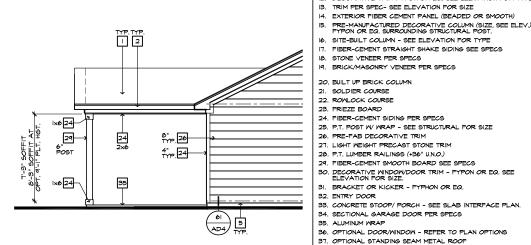
NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

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







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

PARTIAL REAR ELEVATION

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

PARTIAL LEFT ELEVATION

SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XIT")

ROOF PLAN NOTES 'B'

5:12

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

ATTIC VENT CALCULATIONS

PROVIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3'-0' ABOVE EAVE VENT AITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 N.C.-R 806.2) * CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED.

APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

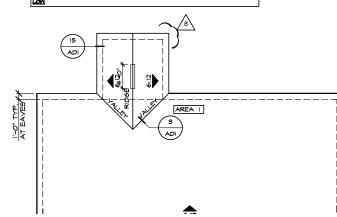
AREA I / MAIN W COVERED PATIO:
VENTILATION REQUIRED:
ATTIC AREA = 27IO

X 144 = 1301 5Q. IN.

TOTAL HIGH \$ LOW = 1301 5Q. IN.

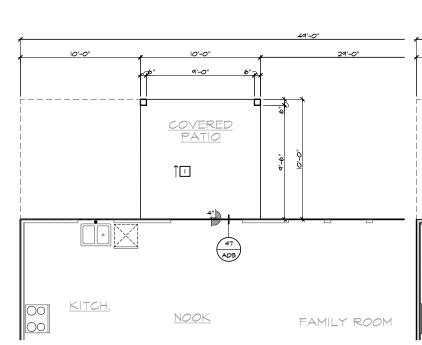
X 50% = 650 5Q. IN.

VENTILATION PROVIDED 18 SQ. IN. / LF. = 50 SQ. IN. EA. = SUB-TOTAL HIGH VENTILATION: 792 SQ. 11



PARTIAL ROOF PLAN

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

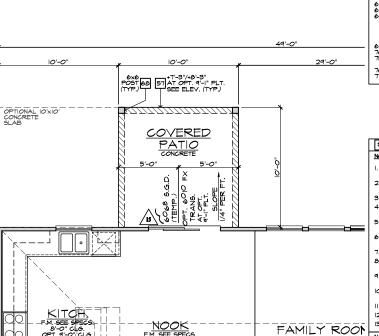


PARTIAL SLAB INTERFACE PLAN

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

PARTIAL FIRST FLOOR PLAN

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



ELEVATION NOTES NOTE: NOT ALL KEY NOTES APPLY. ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

HOME

NORTH CAROLINA 50' SERIES

кв номе NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

2018 NORTH

CAROLINA STATE

BUILDING

CODES

PROJECT No.: 1350999:57

HOME OFFICE CORP20003CORP/- 08/20/20 CTD

DIMENSION REVISION NC221032NCP - 05/19/21 - KBA

DIVISION REVISION NC22049NCP - 08/15/22 - KBA

DIVISION REVISION NC23023NCP - 02/16/23 - KBA

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

DIVISION REVISION
NC2106INCP - 11/19/21 - KBA

PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

149.2115-R

09/10/18

12/23/19

ISSUE DATE:

REVISIONS:

DIVISION MGR.:

PARTIAL PLAN NOTES

NOTE, NOT ALL SEY NOTES PPLY

27. MATER HEATER, LOCATION - FOR GG - LOCATE ON 169 HIGH

PAIN (REFER TO DETAILS)

28. MATER HEATER B: VENT TO OUTSIDE AIR

29. MAIN, RIME SHUT-OFF VALVE AIN TEMP. 8 PRESSURE RELIEF

43. PILASTER - SEE ELEVATION FOR TYPE

38. KEYSTONE 39. SOLDIER CROWN 40. JACK SOLDIER COURSE 4I. WATER TABLE

42. ATRIUM DOOR

3. G.I. FLASHING

5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY 7. DECORATIVE VENT

I. RECESSED ELEMENT

4. G.I. FLASHING & SADDLE/CRICKET

8. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE

12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE

26. MATER HEATER B' VENT TO OUTSIDE AIR
29. MAIN LINE SHUT-OFF VALVE AND TEMP. 8 PRESSURE RELIEF
39. YALE OF HALL BELOW
41. LINE OF FLOOR ABOVE
42. LINE OF FLOOR BELOW
43. MINE SB, "INGE MANDRAIL (REFER TO DETAIL SHEETS)
53. DAY WALL
54. DAY WALL
55. DAY WALL
55. DEL 2X4 WALL PER PLAN
55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
57. FLAT SOFFIT
58. ARCHED SOFFIT
60. OPT. DOOR MINDOW
61. PRE-MANUFACTREED DECORATIVE COLUMN (SIZE, SEE ELEV.)
FYFON OR EQ. SURROLANDING STRUCTURAL POST.
62. BRICK, STOME SHEER - REFER ST ELYATIONS
63. OFT. DOOR MINDOW
61. PRE-MANUFACTREED DECORATIVE COLUMN (SIZE, SEE ELEV.)
FYFON OR EQ. SURROLANDING STRUCTURAL POST.
63. ST. DIAM. CONCRETE FILLED PIPE BOLARD 36" HIGH WITH
MIN 12" EMBEDMENT INTO CONCRETE.
(NOT REGUIRED AT ELECTRIC WATER HEATERS OR FOR
APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL
TRAVEL PATH).
69. PT. FOST IW WRAP.
70. EGRESS MINDOW
71. SILDES UND.
71. SILDES UND. SEE ELECTRIC OR FOR THE
71. SILDED NO LEDGET. HIGHT & WIDTH OF OPENING TO EXTEND 6"
71. SILDED NOR SEE ELECTRIC WATER FT. MIN. SEE PLAN FOR
71. SIZE

SLAB PLAN NOTES

NOTE: NOT ALL KEY NOTES APPLY.

CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.

2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/8" PER I-0" MIN. TOWARD DOOR OPENING.
3. CONCRETE FOUNDATION PER STRUCTURAL.

CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.

CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.

PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. 5" BRICK LEDGE FOR MASONRY VENEER

 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.

IO. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.

II. 4" MIN. 8 I/4" MAX. TO HARD SURFACE.

12. A/C PAD. VERIFY LOCATION. 13. 36" MIDE WALKWAY- SLOPE 1/4" PER FT. MIN.

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

NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

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

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

SHEET:



12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O.

ROOF PLAN NOTES 'B'

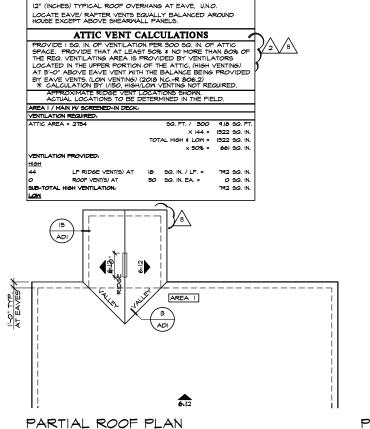
SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

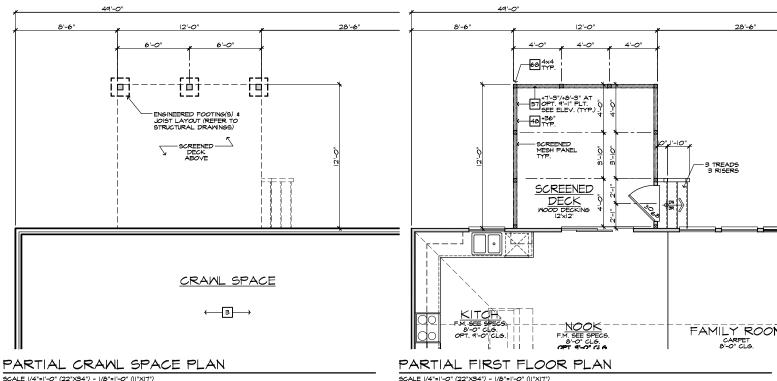
5:12

ROOF MATERIAL: COMPOSITION SHINGLE

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

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







RALEIGH-DURHAM

50' SERIES

ELEVATION NOTES

ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

NOTE: NOT ALL KEY NOTES APPLY.

4. G.I. FLASHING & SADDLE/CRICKET

6. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE I. RECESSED ELEMENT

18. STONE VENEER PER SPECS

21. SOLDIER COURSE 22. ROWLOCK COURSE 23. FRIEZE BOARD

32. ENTRY DOOR

35. ALUMINUM WRAP

38. KEYSTONE 39. SOLDIER CROWN 40. JACK SOLDIER COURSE 4I. WATER TABLE

42. ATRIUM DOOR

9. BRICK/MASONRY VENEER PER SPECS

24. FIBER-CEMENT SIDING PER SPECS

27. LIGHT WEIGHT PRECAST STONE TRIM

31. BRACKET OR KICKER - FYPHON OR EQ.

34. SECTIONAL GARAGE DOOR PER SPECS

37. OPTIONAL STANDING SEAM METAL ROOF

43. PILASTER - SEE ELEVATION FOR TYPE

NOTE: NOT ALL KEY NOTES APPLY.

3. FOUNDATION PER STRUCTURAL.

. STAIR LANDING: 36"x36" MIN.

6. PROVIDE UNDER FLOOR VENTILATION

VERIFY LOCATION OF PIER FOO 4" MIN. 7 3/4" MAX. TO HARD SURFACE.

14. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.

12. A/C PAD. VERIFY LOCATION 13. CRANL SPACE ACCESS

4" TOE KICK FOR MASONRY VENEER.

PARTIAL PLAN NOTES

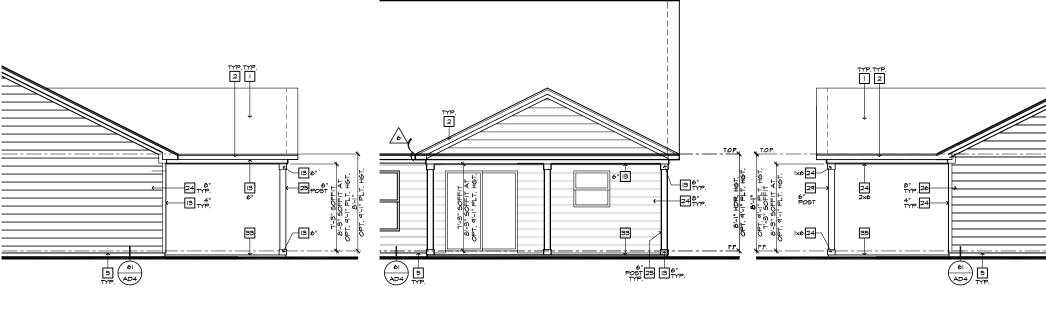
28. P.T. LUMBER RAILINGS (+36" U.N.O.) 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS

26. PRE-FAB DECORATIVE TRIM

3. G.I. FLASHING

5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY 7. DECORATIVE VENT

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



10'-0"

 $\uparrow \Box$

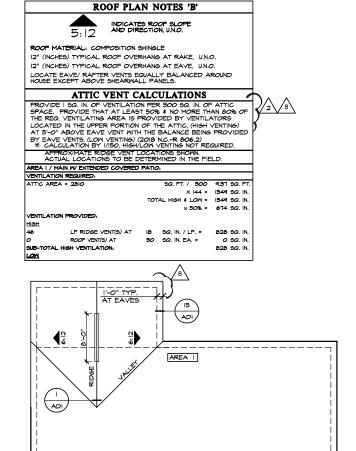
NOOK

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

PARTIAL LEFT ELEVATION

SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")

6x6 POST 68 57 AT OPT. 9'-1" PLT. (TYP) T SEE ELEV. (TYP)

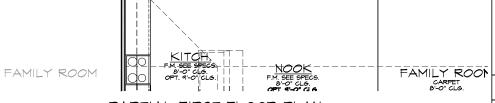


6.12



KITCH.

00



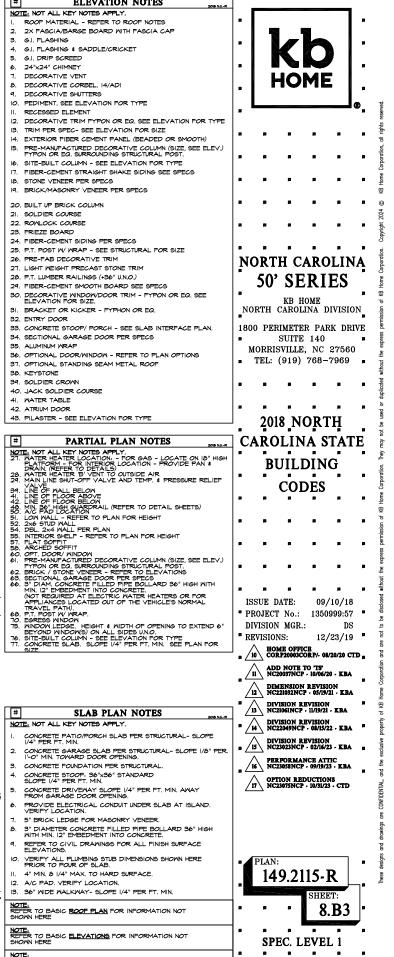
FEMPS OF TRANS

PARTIAL FIRST FLOOR PLAN

EXTENDED COVERED

PATIO

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



RALEIGH-DURHAM

50' SERIES

EXTENDED COVERED PATIO 'B'

PARTIAL ROOF PLAN

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

NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE

ELEVATION NOTES

ROOF MATERIAL - REFER TO ROOF NOTES

NOTE: NOT ALL KEY NOTES APPLY.

4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY

3. G.I. FLASHING

1. DECORATIVE VENT B. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE

I. RECESSED ELEMENT

18. STONE VENEER PER SPECS

21. SOLDIER COURSE 22. ROWLOCK COURSE 23. FRIEZE BOARD

32. ENTRY DOOR

35. ALUMINUM WRAP

38. KEYSTONE 39. SOLDIER CROWN 40. JACK SOLDIER COURSE 4I. WATER TABLE

42. ATRIUM DOOR

OPTIONAL IO'XIO'I CONCRETE

19. BRICK/MASONRY VENEER PER SPECS

24. FIBER-CEMENT SIDING PER SPECS

28. P.T. LUMBER RAILINGS (+36" U.N.O.)

29. FIBER-CEMENT SMOOTH BOARD SEE SPECS

31. BRACKET OR KICKER - FYPHON OR EQ.

34. SECTIONAL GARAGE DOOR PER SPECS

37. OPTIONAL STANDING SEAM METAL ROOF

43. PILASTER - SEE ELEVATION FOR TYPE

PARTIAL PLAN NOTES

SLAB PLAN NOTES

NOTE: NOT ALL KEY NOTES APPLY.

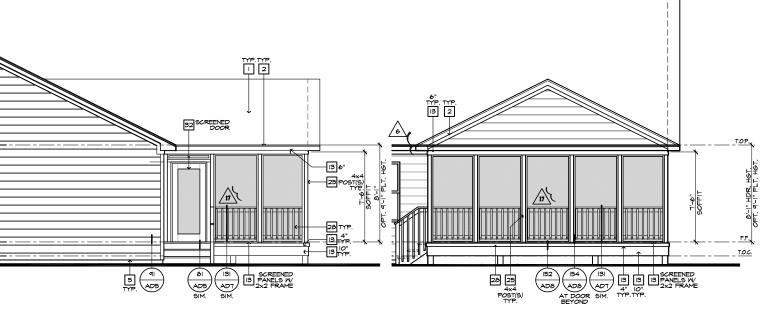
. CONCRETE FOUNDATION PER STRUCTURAL CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.

5" BRICK LEDGE FOR MASONRY VENEER

II. 4" MIN. 8 I/4" MAX. TO HARD SURFACE.

12. A/C PAD. VERIFY LOCATION.

26. PRE-FAB DECORATIVE TRIM



TYP.TYP. 6"[3]-4×4 POST(S) 25 T.O.C. SCREENED | 13 | 13 | 13 | 2x2 FRAME | 4" | 10" AD7 SIM.

PARTIAL RIGHT ELEVATION

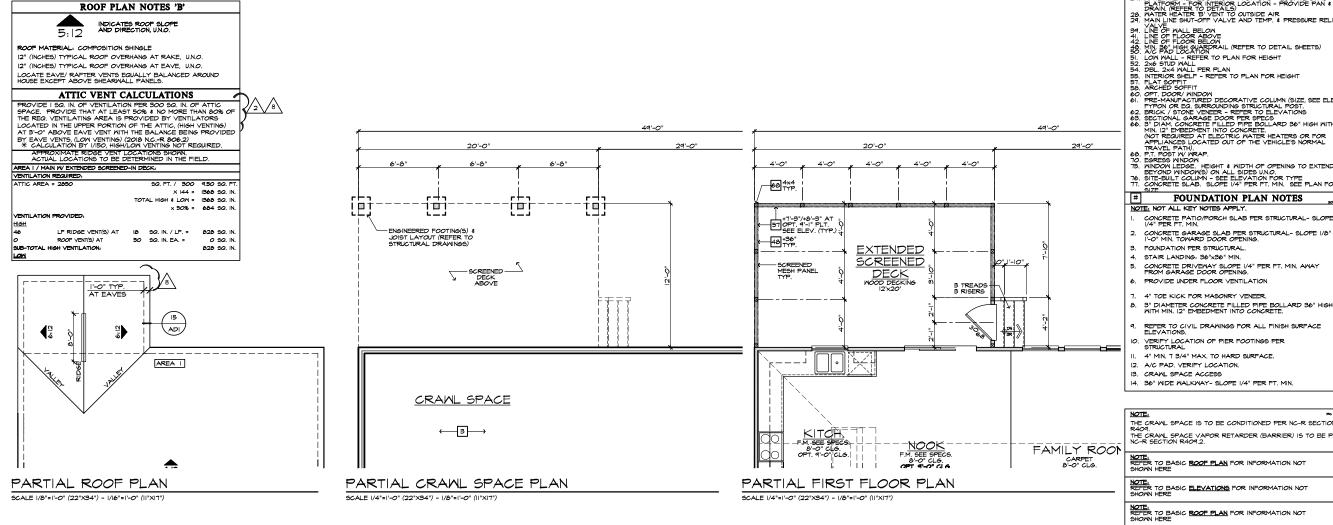
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

PARTIAL REAR ELEVATION

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

PARTIAL LEFT ELEVATION

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



HOME 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE TRIM PER SPEC- SEE ELEVATION FOR SIZE
 EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH) 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. 17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS **NORTH CAROLINA** 50' SERIES 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE. KB HOME NORTH CAROLINA DIVISION 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS TEL: (919) 768-7969 2018 NORTH MOTE, NOT ALL KEY NOTES APPLY

20. MATER HEATER LOCATION: - FOR GAS - LOCATE ON 10" HIGH
PLATFORM - FOR NITERIOR LOCATION - FOR GAS - LOCATE ON 10" HIGH
PLATFORM - FOR NITERIOR LOCATION - FOR YOUTE PAN 8

12. MAIN LINE SHUT-OFF VALVE AND TEMP. 8 PRESSURE RELIEF

24. LINE OF PLOOR ABOVE

42. LINE OF FLOOR ABOVE

45. NIN 30" HIGH SUNTRAIL (REFER TO DETAIL SHEETS)

55. LOON MAIL - REFER TO PLAN FOR HEIGHT **CAROLINA STATE BUILDING** CODES 2. LINE OF FLOOR BELOW

2. LINE OF FLOOR BELOW

3. WIN 36 MICH SUASPRAIL (REFER TO DETAIL SHEETS)

3. WIN 36 MICH SUASPRAIL (REFER TO DETAIL SHEETS)

4. DEL 244 MALL - REFER TO PLAN FOR HEIGHT

4. DEL 244 MALL PER PLAN

5. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT

7. FLAT SOFFIT

6. REPER TO SHEETS OF THE COLUMN (SIZE, SEE ELEV.)

6. PRE-MANUFACTIRED DECORATIVE COLUMN (SIZE, SEE ELEV.)

6. PYPON OR EQ. SURROUNDING STRUCTURAL POST.

7. BRICK / STONE VENEER - REFER TO ELEVATIONS

7. SECTIONAL GARAGE DOOR PER SPECS

6. 3° DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. HEIGHT WATER HEATERS OR FOR AND CONCRETE FILLED OUT OF THE VEHICLE'S NORMAL

7. ALVANDA STANDA STAND ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57 DIVISION MGR.: REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. ADD NOTE TO 'TS'
NC20037NCP · 10/06/20 · KBA CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/6" PER I'-O" MIN. TOWARD DOOR OPENING. DIMENSION REVISION NC221032NCP - 05/19/21 - KBA DIVISION REVISION
NC2106INCP - 11/19/21 - KBA DIVISION REVISION NC22049NCP - 08/15/22 - KBA DIVISION REVISION NC23023NCP - 02/16/23 - KBA PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD NOTE:
THE CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION RAOR.
THE CRANL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION RAOR]. 149.2115-R SHEET: 8.B4

SPEC. LEVEL 1

RALEIGH-DURHAM

50' SERIES

ELEVATION NOTES

ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

6. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE

NOTE: NOT ALL KEY NOTES APPLY.

4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY 7. DECORATIVE VENT

B. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE

18. STONE VENEER PER SPECS 9. BRICK/MASONRY VENEER PER SPECS

24. FIBER-CEMENT SIDING PER SPECS

27. LIGHT WEIGHT PRECAST STONE TRIM

31. BRACKET OR KICKER - FYPHON OR EQ.

34. SECTIONAL GARAGE DOOR PER SPECS

37. OPTIONAL STANDING SEAM METAL ROOF

43. PILASTER - SEE ELEVATION FOR TYPE

PARTIAL PLAN NOTES

FOUNDATION PLAN NOTES

28. P.T. LUMBER RAILINGS (+36" U.N.O.) 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS

26. PRE-FAB DECORATIVE TRIM

21. SOLDIER COURSE 22. ROWLOCK COURSE 23. FRIEZE BOARD

32. ENTRY DOOR

35. ALUMINUM WRAP

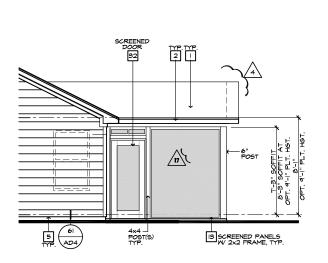
38. KEYSTONE 39. SOLDIER CROWN 40. JACK SOLDIER COURSE 4I. WATER TABLE

42. ATRIUM DOOR

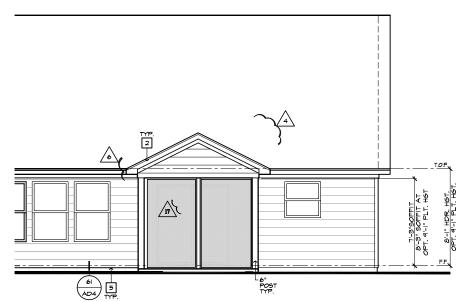
I. RECESSED ELEMENT

3. G.I. FLASHING

EXTENDED SCREENED-IN COVERED DECK AT CRAWL SPACE 'B'

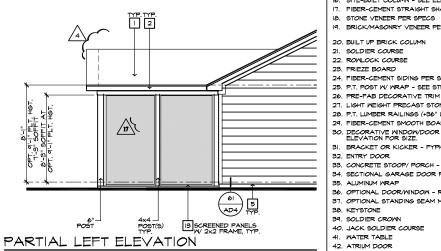


SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



PARTIAL REAR ELEVATION

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



NOTE: NOT ALL KEY NOTES APPLY.

4. G.I. FLASHING & SADDLE/CRICKET

8. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS

3. G.I. FLASHING

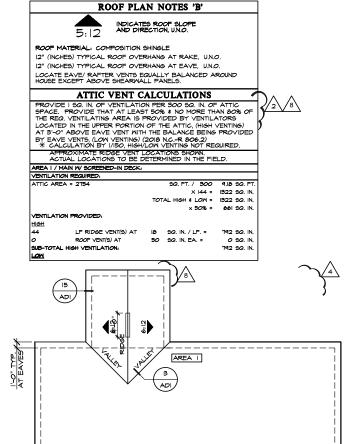
5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY 7. DECORATIVE VENT

I. RECESSED ELEMENT

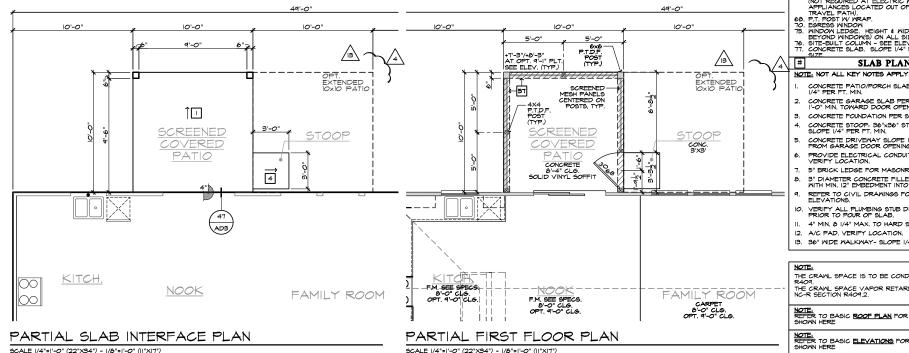
42. ATRIUM DOOR

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

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



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



ELEVATION NOTES ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP HOME IO. PEDIMENT. SEE ELEVATION FOR TYPE 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH) 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE IT. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS 9. BRICK/MASONRY VENEER PER SPECS 24. FIBER-CEMENT SIDING PER SPECS 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE **NORTH CAROLINA** 27. LIGHT WEIGHT PRECAST STONE TRIM 50' SERIES 28. P.T. LUMBER RAILINGS (+36" U.N.O.) 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE. кв номе 31. BRACKET OR KICKER - FYPHON OR EQ. NORTH CAROLINA DIVISION 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 1800 PERIMETER PARK DRIVE 34. SECTIONAL GARAGE DOOR PER SPECS SUITE 140 MORRISVILLE, NC 27560 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS TEL: (919) 768-7969 m 37. OPTIONAL STANDING SEAM METAL ROOF 43. PILASTER - SEE ELEVATION FOR TYPE 2018 NORTH **CAROLINA STATE** PARTIAL PLAN NOTES NOTE, NOT ALL SEY NOTES PPLY

27. MATER HEATER, LOCATION - FOR GG - LOCATE ON 169 HIGH

PAIN (REFER TO DETAILS)

28. MATER HEATER B: VENT TO OUTSIDE AIR

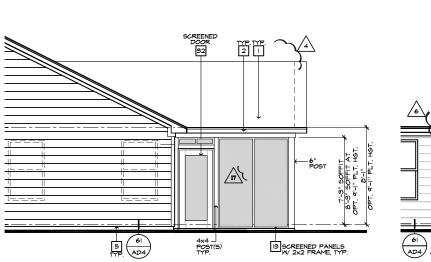
29. MAIN, RIME SHUT-OFF VALVE AIN TEMP. 8 PRESSURE RELIEF **BUILDING** CODES ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57 DIVISION MGR.: REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD. SLAB PLAN NOTES ADD NOTE TO 'TS'
NC20037NCP · 10/06/20 · KBA CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. DIMENSION REVISION NC221032NCP - 05/19/21 - KBA CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1"-0" MIN. TOWARD DOOR OPENING. DIVISION REVISION NC2106INCP - 11/19/21 - KBA CONCRETE FOUNDATION PER STRUCTURAL CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN. DIVISION REVISION NC22049NCP - 08/15/22 - KBA CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. DIVISION REVISION NC23023NCP - 02/16/23 - KBA PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA 5" BRICK LEDGE FOR MASONRY VENEER 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. O. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB. I. 4" MIN. 8 I/4" MAX. TO HARD SURFACE. 13. 36" MIDE WALKWAY- SLOPE 1/4" PER FT. MIN. NOTE:
THE CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION REGORD.
THE CRANL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION REGORD. 149.2115-R SHEET: NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE 8.B5 NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

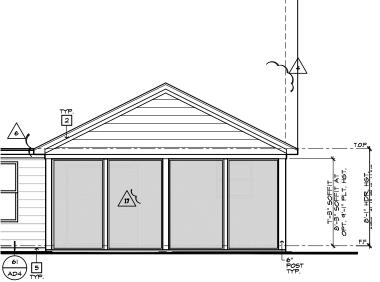
SPEC. LEVEL 1

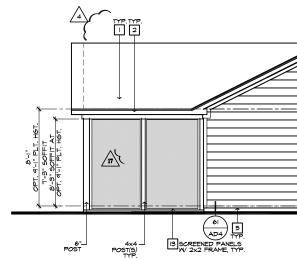
RALEIGH-DURHAM

50' SERIES

SCREENED-IN COVERED PATIO 'B'







SCALE I/4"=I'-O" (22"X34") - I/6"=I'-O" (II"XI7")

PARTIAL REAR ELEVATION

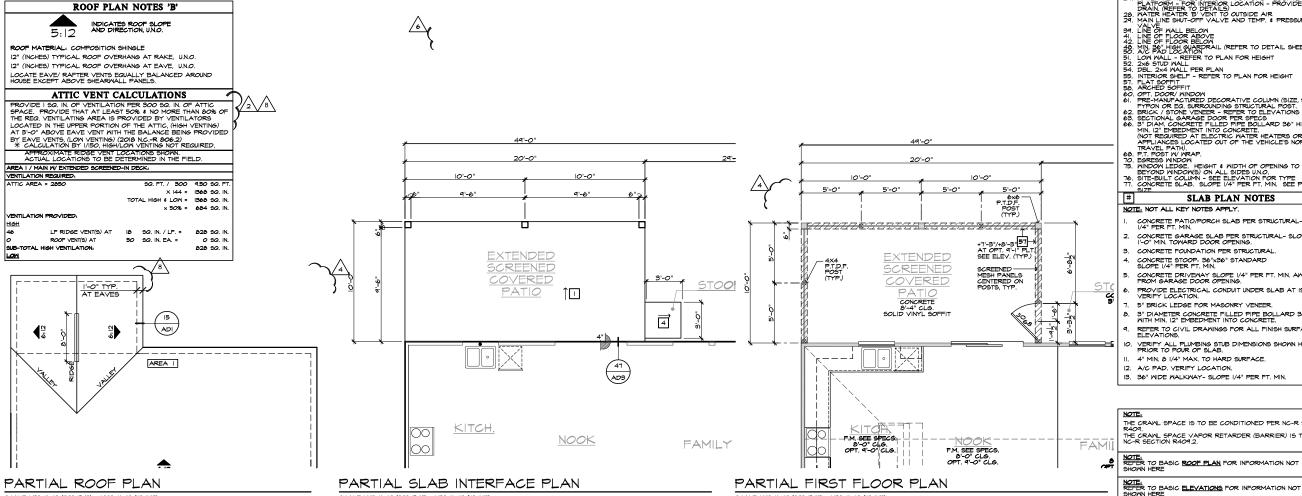
SCALE I/4"=I'-O" (22"X34") - I/8"=I'-O" (II"XI7")

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

PARTIAL LEFT ELEVATION

SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XIT")

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



ELEVATION NOTES NOTE: NOT ALL KEY NOTES APPLY. ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP 3. G.I. FLASHING 4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY 7. DECORATIVE VENT HOME 6. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE I. RECESSED ELEMENT 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH) 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE IT. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS 18. STONE VENEER PER SPECS 9. BRICK/MASONRY VENEER PER SPECS 21. SOLDIER COURSE 22. ROWLOCK COURSE 23. FRIEZE BOARD 24. FIBER-CEMENT SIDING PER SPECS 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM **NORTH CAROLINA** 27. LIGHT WEIGHT PRECAST STONE TRIM 28. P.T. LUMBER RAILINGS (+36" U.N.O.) 50' SERIES 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE. кв номе 31. BRACKET OR KICKER - FYPHON OR EQ. NORTH CAROLINA DIVISION 32. ENTRY DOOR 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 1800 PERIMETER PARK DRIVE 34. SECTIONAL GARAGE DOOR PER SPECS SUITE 140 35. ALUMINUM WRAP MORRISVILLE, NC 27560 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS TEL: (919) 768-7969 37. OPTIONAL STANDING SEAM METAL ROOF 38. KEYSTONE 39. SOLDIER CROWN 40. JACK SOLDIER COURSE 4I. WATER TABLE 42. ATRIUM DOOR 43. PILASTER - SEE ELEVATION FOR TYPE 2018 NORTH PARTIAL PLAN NOTES MOTE, NOT ALL KEY NOTES APPLY.

27. MATER HEATER LOCATION: - FOR GAS - LOCATE ON 10° HIGH PLANT REPORT - FOR MATER HEATER LOCATION: - FOR GAS - LOCATE ON 10° HIGH PLANT (REFER TO DETAILS)

29. MATER HEATER BY VENT TO CUTSIDE AIR 21° MAIN LINE SHUT-OFF VALVE AND TEMP. 8 PRESSURE RELIEF 34. LINE OF PLOOR ABOVE 41° LINE OF FLOOR ABOVE 42. LINE OF FLOOR BELOW 42. LINE OF FLOOR BELOW 45. MIN 30° HIGH GARDRAIL (REFER TO DETAIL SHEETS)

51. LOW MAIL - REFER TO PLAN FOR HEIGHT **CAROLINA STATE BUILDING** CODES 2. LINE OF FLOOR BELOW

2. LINE OF FLOOR BELOW

3. MIX 925 (1991) SUASPRAIL (REFER TO DETAIL SHEETS)

3. MIX 925 (1991) SUASPRAIL (REFER TO DETAIL SHEETS)

4. DEL 244 MALL - REFER TO PLAN FOR HEIGHT

4. DEL 244 MALL PER PLAN

5. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT

7. FLAT SOFFIT

7. FLAT SOFFIT

7. OFFIT SHEET SHEET TO PLAN FOR HEIGHT

7. FLAT SOFFIT

7. OFFIT SHEET SHEET SHEET SHEET SHEET SHEET

7. OFFIT SHEET SHEET SHEET SHEET SHEET SHEET SHEET

7. OFFIT SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET

8. SECTIONAL GARAGE DOOR PER SPECS

6. 3° DIAM CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH

MIX. 12" EMBEDIMENT INTO CONCRETE. HEATERS OR FOR

AFPLIANCES SHOWED OUT OF THE VEHICLE'S NORMAL

8. PT. TEGST W WARP.

9. ERRES PINDOW

9. MINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6"

8. SHIET-BUILT COLUMN - SEE ELEVATION FOR TYPE

8. SHEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR

5. SHEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR

5. STEED SLAB. SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR

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5. STEED SLAB. SLOPE SLOPE 1/4" PER FIT. MIN. SEE PLAN FOR

5. STEED SLOPE SLOPE SLOPE SLOPE SLOPE SLOPE SLOPE ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57 DIVISION MGR.: REVISIONS: 12/23/19 SLAB PLAN NOTES HOME OFFICE CORP20003CORP/- 08/20/20 CTD. NOTE: NOT ALL KEY NOTES APPLY CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. ADD NOTE TO 'TS'
NC20037NCP · 10/06/20 · KBA CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOMARD DOOR OPENING. DIMENSION REVISION NC221032NCP - 05/19/21 - KBA 3. CONCRETE FOUNDATION PER STRUCTURAL DIVISION REVISION
NC2106INCP - 11/19/21 - KBA CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. DIVISION REVISION NC22049NCP - 08/15/22 - KBA 6. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. DIVISION REVISION NC23023NCP - 02/16/23 - KBA 5" BRICK LEDGE FOR MASONRY VENEER. PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB. 4" MIN, 8 1/4" MAX, TO HARD SURFACE. 12. A/C PAD, VERIFY LOCATION. 13. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN. NOTE:

THE CRAML SPACE IS TO BE CONDITIONED PER NC-R SECTION R409. 149.2115-R THE CRAML SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R409.2. SHEET: NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE 8.**B**6

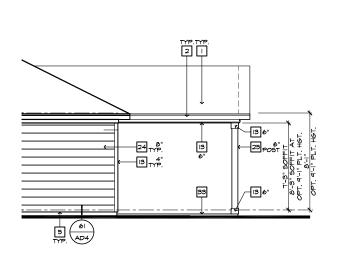
NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE SPEC. LEVEL 1

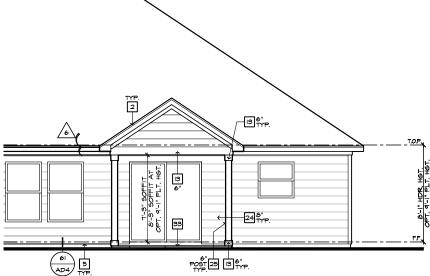
RALEIGH-DURHAM

50' SERIES

EXTENDED SCREENED-IN COVERED PATIO 'B'

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



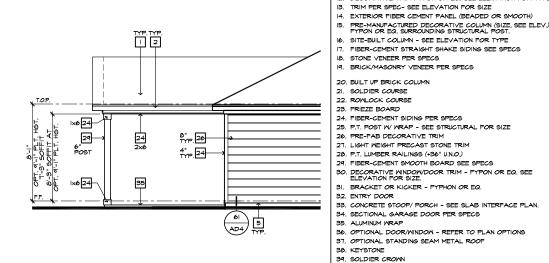


10'-0"

COVERED PATIO

 \uparrow

NOOK



PARTIAL LEFT ELEVATION

SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XIT")

PARTIAL RIGHT ELEVATION

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

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

ROOF PLAN NOTES 'C'

6:12 ROOF MATERIAL . COMPOSITION SHINGLE

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

ATTIC VENT CALCULATIONS

PROVIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3'-0' ABOVE EAVE VENT AITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 N.C.-R 806.2) * CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED.

APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA I / MAIN: VENTILATION REQUIRED: ATTIC AREA = 2704

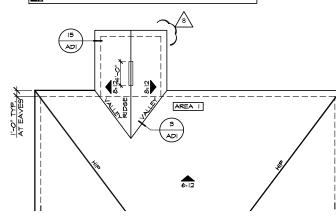
5Q. FT. / 300 4.01 5Q. F X 144 = 1298 50. IN.

TOTAL HIGH \$ LOW = 1298 50. IN.

X 50% = 649 50. IN. VENTILATION PROVIDED

812 SQ. 11

SUB-TOTAL HIGH VENTILATION:



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

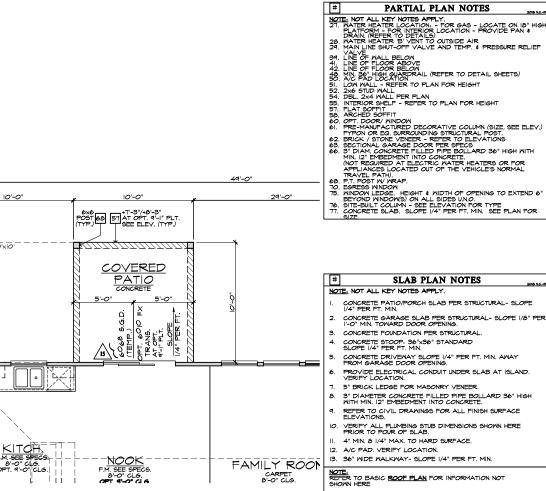
PARTIAL SLAB INTERFACE PLAN

KITCH.

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

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

FAMILY ROOM



OPTIONAL IO'XIO'
CONCRETE

PARTIAL FIRST FLOOR PLAN

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

HOME

NORTH CAROLINA 50' SERIES

кв номе NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

TEL: (919) 768-7969 m

2018 NORTH **CAROLINA STATE BUILDING**

CODES

ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57 DIVISION MGR.: REVISIONS: 12/23/19

HOME OFFICE CORP20003CORP/- 08/20/20 CTD ADD NOTE TO TS NC20037NCP · 10/06/20 · KBA DIMENSION REVISION NC221032NCP - 05/19/21 - KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

149.2115-R

SHEET:

8.C1

DIVISION REVISION
NC2106INCP - 11/19/21 - KBA CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.

DIVISION REVISION NC23023NCP - 02/16/23 - KBA 2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/8" PER I'-0" MIN. TOWARD DOOR OPENING.
3. CONCRETE FOUNDATION PER STRUCTURAL. PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.

CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.

SLAB PLAN NOTES

ELEVATION NOTES

12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE

ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

NOTE: NOT ALL KEY NOTES APPLY.

4. G.I. FLASHING & SADDLE/CRICKET

B. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE

3. G.I. FLASHING

5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY 7. DECORATIVE VENT

I. RECESSED ELEMENT

40. JACK SOLDIER COURSE 4I. WATER TABLE

43. PILASTER - SEE ELEVATION FOR TYPE

PARTIAL PLAN NOTES

42. ATRIUM DOOR

5" BRICK LEDGE FOR MASONRY VENEER

 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.

IO. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.

II. 4" MIN. 8 I/4" MAX. TO HARD SURFACE.

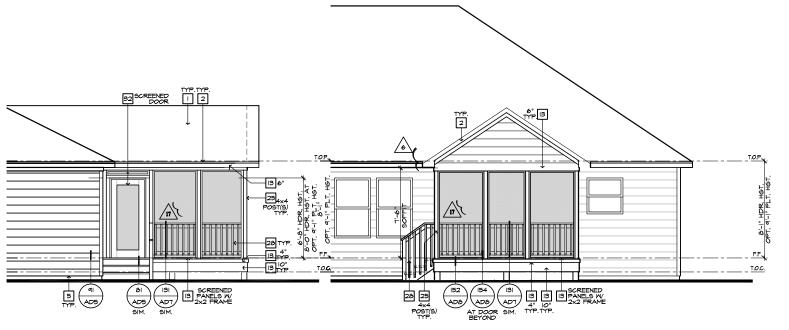
12. A/C PAD. VERIFY LOCATION.

13. 36" MIDE WALKWAY- SLOPE 1/4" PER FT. MIN.

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

NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

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



TYP.TYP. 6" [3] 4×4 POST(S) 25 AD7 SIM. SCREENED PANELS W 13 13 13 2x2 FRAME 38. KEYSTONE 39. SOLDIER CROWN

PARTIAL RIGHT ELEVATION

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

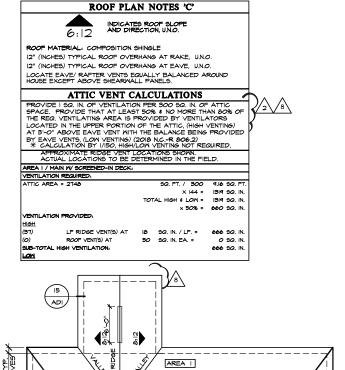
PARTIAL REAR ELEVATION

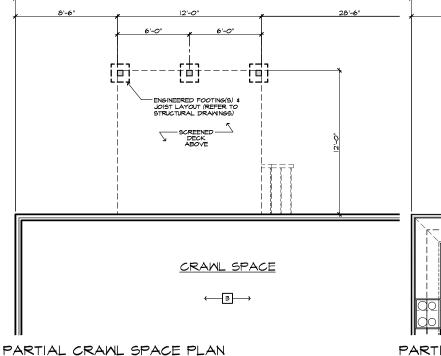
SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

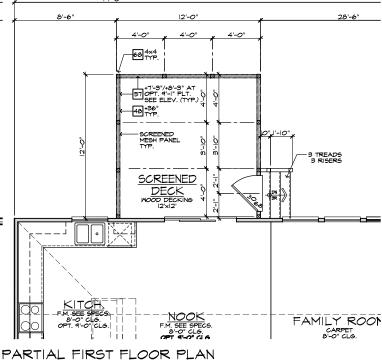
SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

PARTIAL LEFT ELEVATION

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







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





NORTH CAROLINA 50' SERIES

кв номе NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140

MORRISVILLE, NC 27560 TEL: (919) 768-7969

2018 NORTH **CAROLINA STATE** NOTE, NOT ALL SEY NOTES PPLY 27. MATER HEATER, LOCATION - FOR GG - LOCATE ON 169 HIGH PAIN (REFER TO DETAILS) 28. MATER HEATER B: VENT TO OUTSIDE AIR 29. MAIN, RIME SHUT-OFF VALVE AIN TEMP. 8 PRESSURE RELIEF **BUILDING** CODES

29. MATER HEATER ® VENT TO OUTSIDE AIR
29. MAIN LINE SHUTOFF VALVE AND TEMP. 8 PRESSURE RELIEF
VALVE
31. LINE OF FLOOR BELOW
42. LINE OF FLOOR BELOW
43. MINE SHUTOFF VALVE RESPONSE
50. AVC PAD LOCATION TO PLAN FOR HEIGHT
51. LOW MALL - REFER TO PLAN FOR HEIGHT
52. 20. STUD WALL
55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
53. ARCHED SOFFIT
60. OPT. DOORY MINDOW
61. PRE-MANIFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)
FYPON OR EQ. SURROUNDING STRUCTURAL POST.
62. BRICK / STONE VENEER - REFER TO BLEVATIONS
63. SECTIONAL GARAGE PLOOR PER SPECS
64. STONE VENEER - REFER TO BLEVATIONS
65. SECTIONAL GARAGE PLOOR PER SPECS
66. SOLITONAL GARAGE PLOOR PER SPECS
67. MINDOW STRUCTURAL POST.
68. PLOOR PER SPECS
68. SOLITONAL GARAGE DOOR PER SPECS
69. MINDOW STRUCTURAL POST.
69. PLOOR PER SPECS
69. SOLITONAL GARAGE DOOR PER SPECS
69. SOLITONAL GARAGE PLOOR PER SPECS
6

ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57 DIVISION MGR.: REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD.

ADD NOTE TO 'TS'
NC20037NCP · 10/06/20 · KBA DIMENSION REVISION NC221032NCP - 05/19/21 - KBA

DIVISION REVISION NC23023NCP - 02/16/23 - KBA

PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

CONCRETE GARAGE SLAB PER STRUCTURAL - SLOPE 1/8" PER 1'-O" MIN. TOMARD DOOR OPENING. DIVISION REVISION
NC2106INCP - 11/19/21 - KBA 3. FOUNDATION PER STRUCTURAL. 4. STAIR LANDING: 36"x36" MIN.

 CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. 6. PROVIDE UNDER FLOOR VENTILATION

FOUNDATION P

4" TOE KICK FOR MASONRY VENEER 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.

FOUNDATION PLAN NOTES

CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.

ELEVATION NOTES

12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH) 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.

16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS

25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE

33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.

PARTIAL PLAN NOTES

36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS

ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

NOTE: NOT ALL KEY NOTES APPLY.

4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY 7. DECORATIVE VENT

B. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE

18. STONE VENEER PER SPECS 9. BRICK/MASONRY VENEER PER SPECS

24. FIBER-CEMENT SIDING PER SPECS

27. LIGHT WEIGHT PRECAST STONE TRIM

31. BRACKET OR KICKER - FYPHON OR EQ.

34. SECTIONAL GARAGE DOOR PER SPECS

37. OPTIONAL STANDING SEAM METAL ROOF

43. PILASTER - SEE ELEVATION FOR TYPE

28. P.T. LUMBER RAILINGS (+36" U.N.O.) 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.

26. PRE-FAB DECORATIVE TRIM

21. SOLDIER COURSE 22. ROWLOCK COURSE 23. FRIEZE BOARD

32. ENTRY DOOR

35. ALUMINUM WRAP

42. ATRIUM DOOR

40. JACK SOLDIER COURSE 4I. WATER TABLE

I. RECESSED ELEMENT

3. G.I. FLASHING

REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.

O. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL

I. 4" MIN. 7 3/4" MAX. TO HARD SURFACE. 12. A/C PAD. VERIFY LOCATION.

IS. CRAWL SPACE ACCESS

THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R404.
THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R4042.

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

NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

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

149.2115-R SHEET: 8.C2 SPEC. LEVEL 1

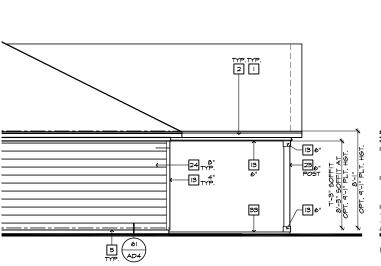
RALEIGH-DURHAM

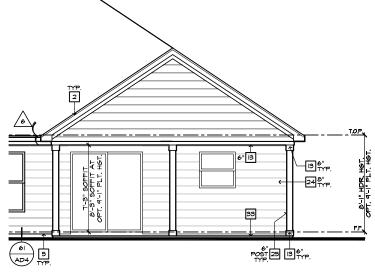
50' SERIES

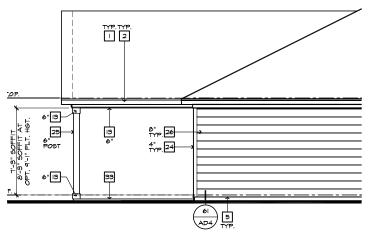
SCREENED-IN COVERED DECK AT CRAWL SPACE 'C'

PARTIAL ROOF PLAN

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







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

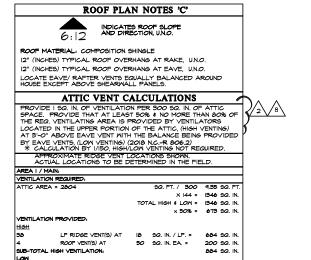
PARTIAL REAR ELEVATION

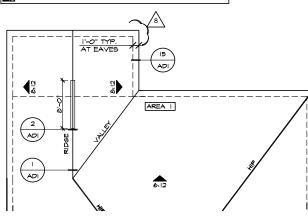
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

PARTIAL LEFT ELEVATION

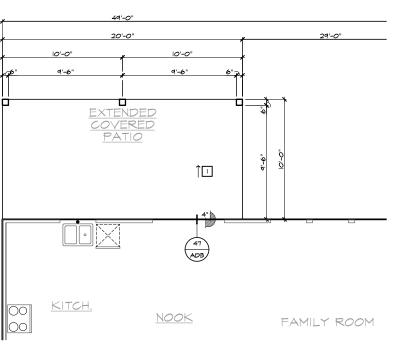
SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")

6x6 POST 68 57 AT OPT. 9'-1" PLT. (TYP) T SEE ELEV. (TYP)









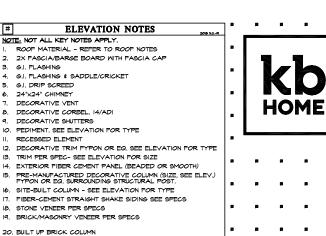
PARTIAL SLAB INTERFACE PLAN SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

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



TEMP.)
OPT. 60:
TRANS.
ATOPT.

EXTENDED COVERED



NORTH CAROLINA 50' SERIES

кв номе NORTH CAROLINA DIVISION

TEL: (919) 768-7969 m

CODES

PROJECT No.: 1350999:57

HOME OFFICE CORP20003CORP/- 08/20/20 CTD

DIMENSION REVISION NC221032NCP - 05/19/21 - KBA

DIVISION REVISION NC23023NCP - 02/16/23 - KBA

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

DIVISION REVISION
NC2106INCP · 11/19/21 · KBA

PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

09/10/18

12/23/19

ISSUE DATE:

DIVISION MGR.:

REVISIONS:

1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560

36. OPTIONAL DOOR/MINDOW - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF

33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.

ELEVATION NOTES

ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)

16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE 17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS

25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE

29. FIBER-CEMENT SMOOTH BOARD SEE SPECS 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.

31. BRACKET OR KICKER - FYPHON OR EQ.

34. SECTIONAL GARAGE DOOR PER SPECS

NOTE: NOT ALL KEY NOTES APPLY.

4. G.I. FLASHING & SADDLE/CRICKET
5. G.I. DRIP SCREED

B. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE

18. STONE VENEER PER SPECS

21. SOLDIER COURSE 22. ROWLOCK COURSE 23. FRIEZE BOARD

19. BRICK/MASONRY VENEER PER SPECS

24. FIBER-CEMENT SIDING PER SPECS

28. P.T. LUMBER RAILINGS (+36" U.N.O.)

26. PRE-FAB DECORATIVE TRIM

3. G.I. FLASHING

6. 24"x24" CHIMNEY 1. DECORATIVE VENT

I. RECESSED ELEMENT

38. KEYSTONE 39. SOLDIER CROWN

40. JACK SOLDIER COURSE 4I. WATER TABLE

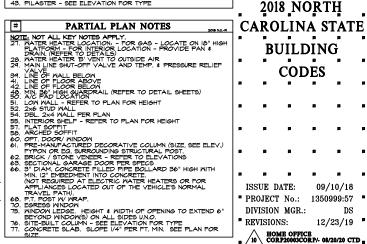
42. ATRIUM DOOR

OPTIONAL IO'XIO'
CONCRETE

32. ENTRY DOOR

35. ALUMINUM WRAP

43. PILASTER - SEE ELEVATION FOR TYPE





CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-O" MIN. TOWARD DOOR OPENING.

. CONCRETE FOUNDATION PER STRUCTURAL CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.

CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.

5" BRICK LEDGE FOR MASONRY VENEER 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.

REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.

IO. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.

II. 4" MIN. 8 I/4" MAX. TO HARD SURFACE. 12. A/C PAD. VERIFY LOCATION.

13. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.

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

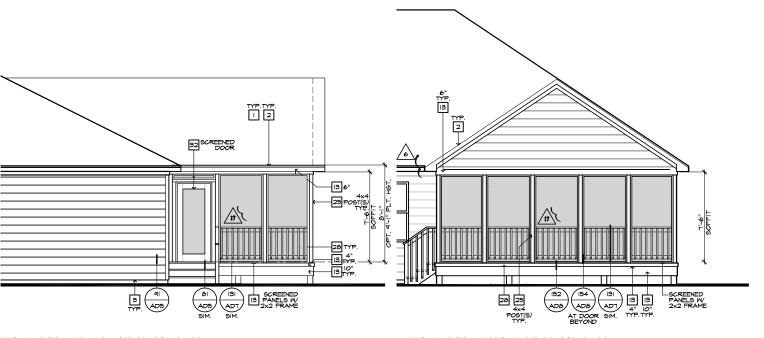
NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

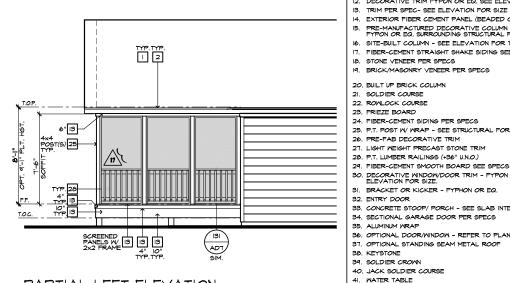
NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE

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

149.2115-R SHEET: 8.C3 SPEC. LEVEL 1

RALEIGH-DURHAM 50' SERIES



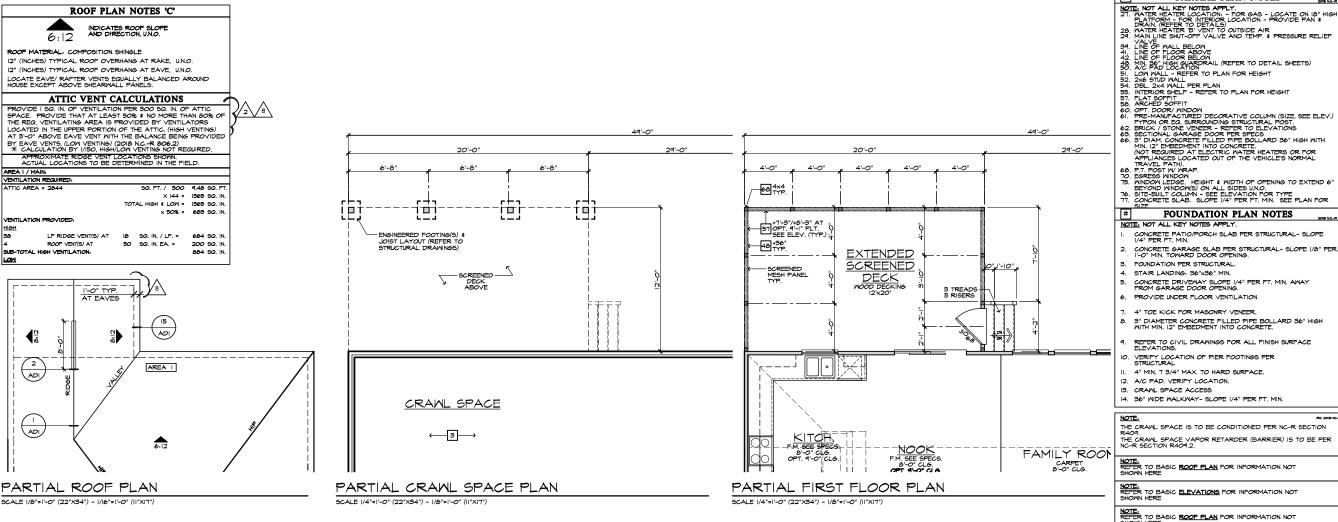


PARTIAL RIGHT ELEVATION PARTIAL REAR ELEVATION

ROOF PLAN NOTES 'C'

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

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



HOME 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH) 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE IT. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE **NORTH CAROLINA** 50' SERIES 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE. KB HOME NORTH CAROLINA DIVISION 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS TEL: (919) 768-7969

ELEVATION NOTES

ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

NOTE: NOT ALL KEY NOTES APPLY.

4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY 7. DECORATIVE VENT

B. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE

I. RECESSED ELEMENT

42. ATRIUM DOOR

43. PILASTER - SEE ELEVATION FOR TYPE

PARTIAL PLAN NOTES

3. G.I. FLASHING

2018 NORTH **CAROLINA STATE BUILDING** CODES

ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57

DIVISION MGR.: REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD

ADD NOTE TO 'TS'
NC20037NCP · 10/06/20 · KBA DIMENSION REVISION NC221032NCP - 05/19/21 - KBA DIVISION REVISION
NC2106INCP - 11/19/21 - KBA

PERFORMANCE ATTIC NC23058NCP - 09/19/23 - KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

4. STAIR LANDING: 36"x36" MIN. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. DIVISION REVISION NC23023NCP - 02/16/23 - KBA

. 4" TOE KICK FOR MASONRY VENEER 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN, 12" EMBEDMENT INTO CONCRETE.

FOUNDATION PLAN NOTES

CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.

REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.

O. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL

I. 4" MIN. 7 3/4" MAX. TO HARD SURFACE. 12. A/C PAD. VERIFY LOCATION.

IS. CRAWL SPACE ACCESS 14. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN

THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R404.
THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R4042.

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

NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

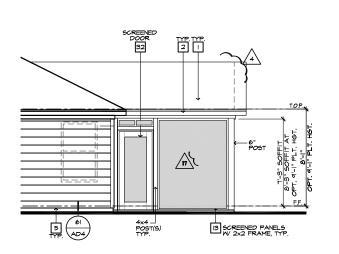
NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE

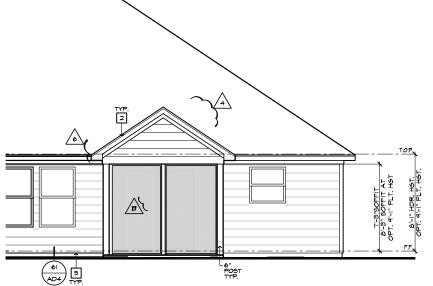
149.2115-R SHEET: 8.C4 SPEC. LEVEL 1

RALEIGH-DURHAM

50' SERIES

EXTENDED SCREENED-IN COVERED DECK AT CRAWL SPACE 'C'





17/2 (6) 5 AD4 TYP SCREENED PANELS W 2x2 FRAME, TYP.

PARTIAL LEFT ELEVATION

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

PARTIAL RIGHT ELEVATION

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



ROOF PLAN NOTES 'C' 6:12

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

ATTIC VENT CALCULATIONS

PROVIDE I SO, IN, OF VENTILATION PER 300 SO, IN, OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3"-O" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 N.C.-R 806.2) * CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED

APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA I / MAIN W SCREENED-IN DECK: VENTILATION REQUIRED: ATTIC AREA = 2748 X 144 = 1319 SQ. IN.

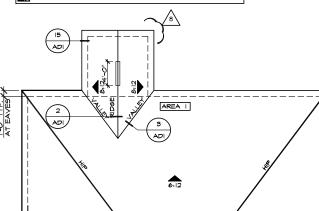
TOTAL HIGH \$ LOW = 1319 SQ. IN.

X 50% = 660 SQ. IN. VENTILATION PROVIDED

SUB-TOTAL HIGH VENTILATION:

18 SQ. IN. / LF. = 50 SQ. IN. EA. =

666 SQ. 11



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

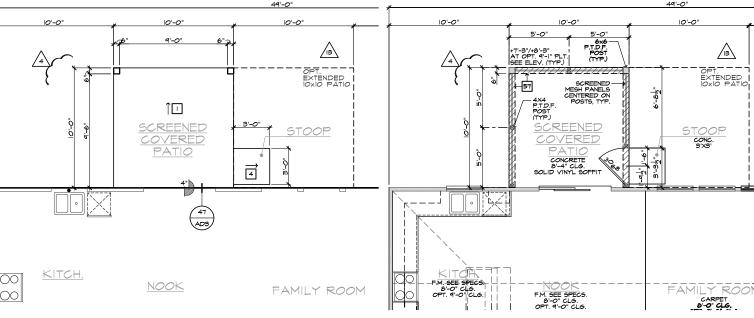
PARTIAL SLAB INTERFACE PLAN

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

PARTIAL REAR ELEVATION

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

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



ELEVATION NOTES NOTE: NOT ALL KEY NOTES APPLY. ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP 3. G.I. FLASHING 4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY 7. DECORATIVE VENT HOME 8. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE I. RECESSED ELEMENT 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH) 15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE IT. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS 18. STONE VENEER PER SPECS 19. BRICK/MASONRY VENEER PER SPECS 21. SOLDIER COURSE 22. ROWLOCK COURSE 23. FRIEZE BOARD 24. FIBER-CEMENT SIDING PER SPECS 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM **NORTH CAROLINA** 27. LIGHT WEIGHT PRECAST STONE TRIM 50' SERIES 28. P.T. LUMBER RAILINGS (+36" U.N.O.) 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE. кв номе 31. BRACKET OR KICKER - FYPHON OR EQ. NORTH CAROLINA DIVISION 32. ENTRY DOOR 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 1800 PERIMETER PARK DRIVE 34. SECTIONAL GARAGE DOOR PER SPECS SUITE 140 35. ALUMINUM WRAP MORRISVILLE, NC 27560 36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS TEL: (919) 768-7969 m 37. OPTIONAL STANDING SEAM METAL ROOF 38. KEYSTONE 39. SOLDIER CROWN 40. JACK SOLDIER COURSE 4I. WATER TABLE 42. ATRIUM DOOR 43. PILASTER - SEE ELEVATION FOR TYPE 2018 NORTH PARTIAL PLAN NOTES MOTE, NOT ALL KEY NOTES APPLY.

27. MATER HEATER LOCATION: - FOR GAS - LOCATE ON 10° HIGH PLANT REPORT - FOR MATER HEATER LOCATION: - FOR GAS - LOCATE ON 10° HIGH PLANT (REFER TO DETAILS)

29. MATER HEATER BY VENT TO CUTSIDE AIR 21° MAIN LINE SHUT-OFF VALVE AND TEMP. 8 PRESSURE RELIEF 34. LINE OF PLOOR ABOVE 41° LINE OF FLOOR ABOVE 42. LINE OF FLOOR BELOW 42. LINE OF FLOOR BELOW 45. MIN 30° HIGH GLATTRAIL (REFER TO DETAIL SHEETS)

51. LOW MAIL - REFER TO PLAN FOR HEIGHT **CAROLINA STATE BUILDING** CODES 2. LINE OF FLOOR BELOW

2. LINE OF FLOOR BELOW

3. MIX 925 (1991) SUASPRAIL (REFER TO DETAIL SHEETS)

3. MIX 925 (1991) SUASPRAIL (REFER TO DETAIL SHEETS)

4. DEL 2x4 WALL - REFER TO PLAN FOR HEIGHT

4. DEL 2x4 WALL PER PLAN

5. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT

7. FLAT SOFFIT

7. FLAT SOFFIT

7. OFFIT SHEET SHEET TO PLAN FOR HEIGHT

7. FLAT SOFFIT

7. OFFIT SHEET SHEET SHEET SHEET SHEET SHEET

7. OFFIT SHEET SHEET SHEET SHEET SHEET SHEET SHEET

7. OFFIT SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET

7. OFTIT SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET

8. SECTIONAL GARAGE DOOR PER SPECS

6. 3° DIAM CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIX. 12" EMBEDIMENT INTO CONCRETE. HEATERS OR FOR AFFILIANCES SHOWN AFTER SHEET ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57 DIVISION MGR.: REVISIONS: 12/23/19 SLAB PLAN NOTES HOME OFFICE CORP20003CORP/- 08/20/20 CTD. NOTE: NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL: I/4" PER FT. MIN. ADD NOTE TO 'TS'
NC20037NCP · 10/06/20 · KBA CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/8" I'-O" MIN. TOMARD DOOR OPENING. DIMENSION REVISION NC221032NCP - 05/19/21 - KBA CONCRETE FOUNDATION PER STRUCTURAL DIVISION REVISION
NC2106INCP · 11/19/21 · KBA CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. DIVISION REVISION NC23023NCP - 02/16/23 - KBA 5" BRICK LEDGE FOR MASONRY VENEER PERFORMANCE ATTIC NC23058NCP · 09/19/23 · KBA 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB. 4" MIN. 8 I/4" MAX. TO HARD SURFACE. 12. A/C PAD, VERIFY LOCATION. 13. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN. NOTE:
THE CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION RAOR.
THE CRANL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION RAOR]. 149.2115-R SHEET:

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

NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

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

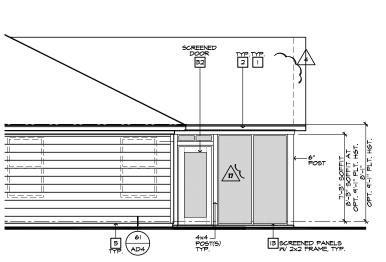
8.C5

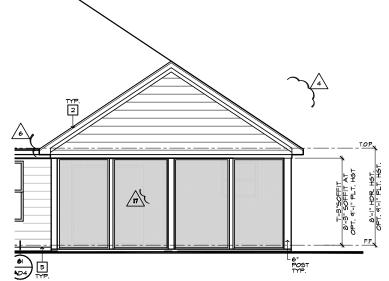
SPEC. LEVEL 1

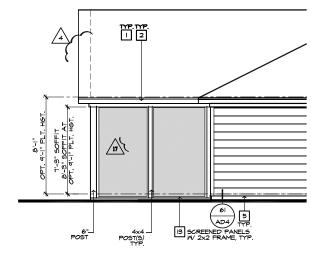
RALEIGH-DURHAM

50' SERIES

SCREENED-IN COVERED PATIO 'C'







ROOF PLAN NOTES 'C'

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

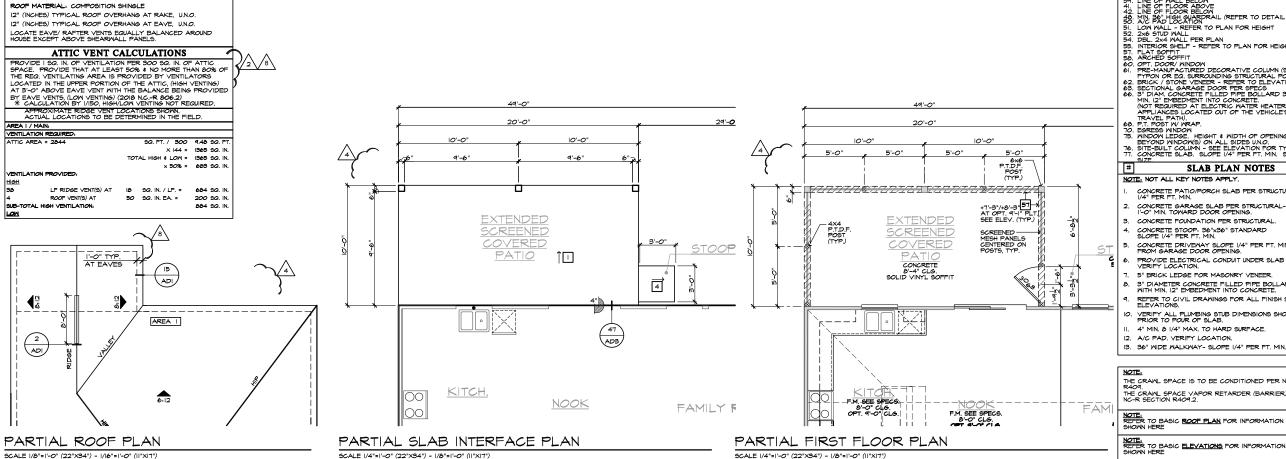
6:12

PARTIAL REAR ELEVATION

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

PARTIAL LEFT ELEVATION

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



HOME 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.

NORTH CAROLINA 50' SERIES

кв номе NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140

MORRISVILLE, NC 27560 TEL: (919) 768-7969 m

2018 NORTH **CAROLINA STATE BUILDING** CODES

PROJECT No.: 1350999:57

HOME OFFICE CORP20003CORP/- 08/20/20 CTD.

DIMENSION REVISION NC221032NCP - 05/19/21 - KBA

DIVISION REVISION NC21061NCP - 11/19/21 - KBA

DIVISION REVISION NC23023NCP - 02/16/23 - KBA

PERFORMANCE ATTIC NC23058NCP - 09/19/23 - KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

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

09/10/18

12/23/19

ISSUE DATE:

REVISIONS:

DIVISION MGR.:

26. MATER HEATER B' VENT TO OUTSIDE AIR
29. MAIN LINE SHUT-OFF VALVE AND TEMP. 8 PRESSURE RELIEF
39. VALVE OF FLOOR BELOW
41. LINE OF FLOOR BELOW
42. LINE OF FLOOR BELOW
43. MINE SHIP OF SHOOR ABOVE
44. LINE OF FLOOR BELOW
45. MINE SHIP OF SHOOR AND THE SHIP OF SHOOR BELOW
46. MINE SHIP OF SHOOR SHIP OF SHIP

ELEVATION NOTES

ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)

16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

IT. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS

NOTE: NOT ALL KEY NOTES APPLY.

4. G.I. FLASHING & SADDLE/CRICKET

B. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE

18. STONE VENEER PER SPECS 19. BRICK/MASONRY VENEER PER SPECS

24. FIBER-CEMENT SIDING PER SPECS 25. P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE

28. P.T. LUMBER RAILINGS (+36" U.N.O.)

29. FIBER-CEMENT SMOOTH BOARD SEE SPECS 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.

33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.

PARTIAL PLAN NOTES NOTE, NOT ALL SEY NOTES PPLY

27. MATER HEATER, LOCATION - FOR GG - LOCATE ON 169 HIGH

PAIN (REFER TO DETAILS)

28. MATER HEATER B: VENT TO OUTSIDE AIR

29. MAIN, RIME SHUT-OFF VALVE AIN TEMP. 8 PRESSURE RELIEF

36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS

31. BRACKET OR KICKER - FYPHON OR EQ.

34. SECTIONAL GARAGE DOOR PER SPECS

37. OPTIONAL STANDING SEAM METAL ROOF

43. PILASTER - SEE ELEVATION FOR TYPE

26. PRE-FAB DECORATIVE TRIM

21. SOLDIER COURSE 22. ROWLOCK COURSE 23. FRIEZE BOARD

32. ENTRY DOOR

38. KEYSTONE 39. SOLDIER CROWN 40. JACK SOLDIER COURSE 4I. WATER TABLE

42. ATRIUM DOOR

35. ALUMINUM WRAP

3. G.I. FLASHING

5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY 1. DECORATIVE VENT

I. RECESSED ELEMENT

SLAB PLAN NOTES

NOTE: NOT ALL KEY NOTES APPLY

CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN.

2. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1-0" MIN. TOWARD DOOR OPENING. 3. CONCRETE FOUNDATION PER STRUCTURAL

CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. . PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.

5" BRICK LEDGE FOR MASONRY VENEER 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.

REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. IO. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.

 4" MIN. 8 I/4" MAX. TO HARD SURFACE. 12. A/C PAD. VERIFY LOCATION.

THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R404.
THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R4042.

NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

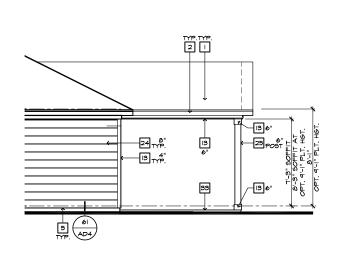
NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE

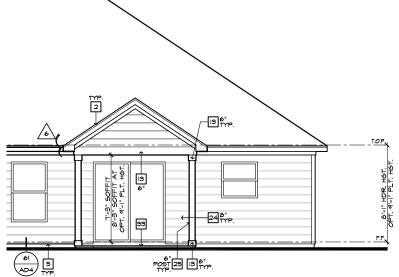
149.2115-R SHEET: 8.C6 SPEC. LEVEL 1

RALEIGH-DURHAM

50' SERIES

EXTENDED SCREENED-IN COVERED PATIO 'C'





10'-0"

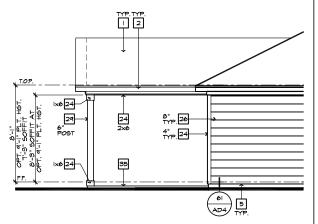
6×6 6051 6

CONCRETE

TA (1EMP.)

(TEMP.)

वि



PARTIAL RIGHT ELEVATION

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

PARTIAL REAR ELEVATION

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

OPTIONAL IO'XIO'

PARTIAL LEFT ELEVATION

SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XIT")

ROOF PLAN NOTES 'D'

6:12

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

ATTIC VENT CALCULATIONS

PROVIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3'-0' ABOVE EAVE VENT AITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 N.C.-R 806.2) * CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED.

APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

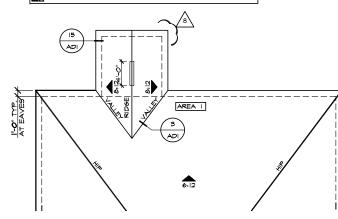
AREA I / MAIN: VENTILATION REQUIRED: ATTIC AREA = 2704

5Q. FT. / 300 4.01 5Q. F X 144 = 1298 SQ. IN.

TOTAL HIGH \$ LOW = 1298 SQ. IN.

X 50% = 649 SQ. IN. VENTILATION PROVIDED

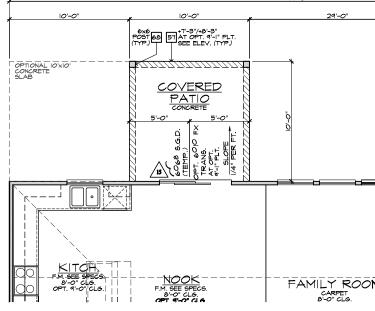
SUB-TOTAL HIGH VENTILATION:



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

PARTIAL SLAB INTERFACE PLAN

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



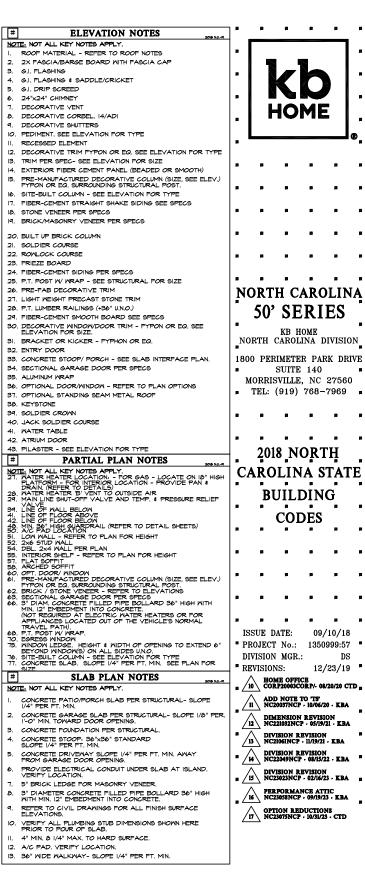
PARTIAL FIRST FLOOR PLAN

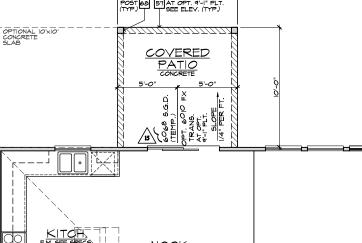
SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

FAMILY ROOM

CARPET 8'-O" CLG.

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





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

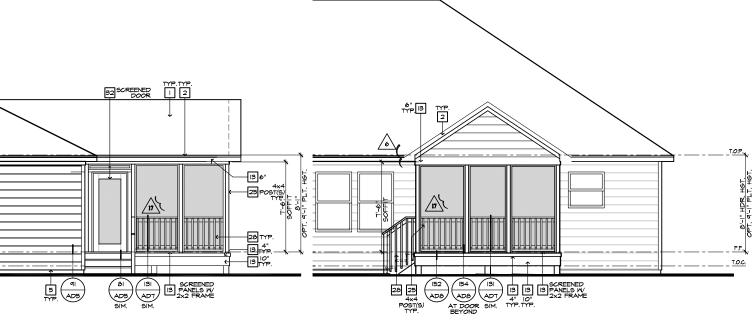
NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE

SHEET: 8.D1 SPEC. LEVEL 1

149.2115-R

RALEIGH-DURHAM 50' SERIES



TYP.TYP. 6"[3 4×4 POST(S) 25 T.O.C. PANELS W 3 3 13 13 2x2 FRAME AD7 SIM. 38. KEYSTONE 39. SOLDIER CROWN

PARTIAL RIGHT ELEVATION

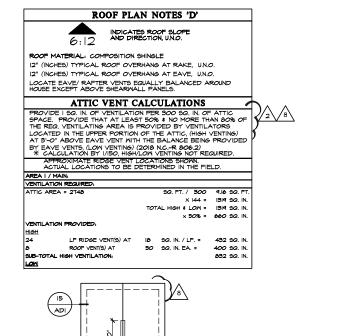
SCALE |/4"=|'-0" (22"X34") - |/8"=|'-0" (||"X|7")

PARTIAL REAR ELEVATION

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

PARTIAL LEFT ELEVATION

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



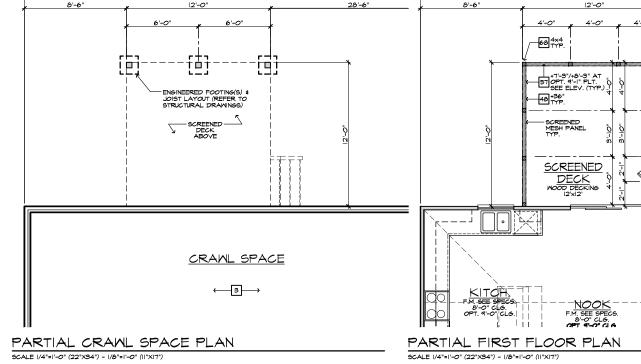
<u>5</u>

PARTIAL ROOF PLAN

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

AREA I

6:12



2. LINE OF FLOOR BELOW

2. LINE OF FLOOR BELOW

3. MIN 362 MIN FOUNDATION PLAN NOTES NOTE: NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE I/4" PER FT. MIN. CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE I/6" PER I'-O" MIN. TOWARD DOOR OPENING. 3. FOUNDATION PER STRUCTURAL. . STAIR LANDING: 36"x36" MIN. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. 6. PROVIDE UNDER FLOOR VENTILATION 4" TOE KICK FOR MASONRY VENEER. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN, 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. VERIFY LOCATION OF PIER FOO 4" MIN. 7 3/4" MAX. TO HARD SURFACE. 12. A/C PAD. VERIFY LOCATION 13. CRANL SPACE ACCESS 14. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.

ELEVATION NOTES

ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE

17. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS

NOTE: NOT ALL KEY NOTES APPLY.

4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY 7. DECORATIVE VENT

B. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE

18. STONE VENEER PER SPECS 9. BRICK/MASONRY VENEER PER SPECS

24. FIBER-CEMENT SIDING PER SPECS

27. LIGHT WEIGHT PRECAST STONE TRIM

31. BRACKET OR KICKER - FYPHON OR EQ.

34. SECTIONAL GARAGE DOOR PER SPECS

37. OPTIONAL STANDING SEAM METAL ROOF

43. PILASTER - SEE ELEVATION FOR TYPE

PARTIAL PLAN NOTES

28. P.T. LUMBER RAILINGS (+36" U.N.O.) 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS

26. PRE-FAB DECORATIVE TRIM

21. SOLDIER COURSE 22. ROWLOCK COURSE 23. FRIEZE BOARD

32. ENTRY DOOR

35. ALUMINUM WRAP

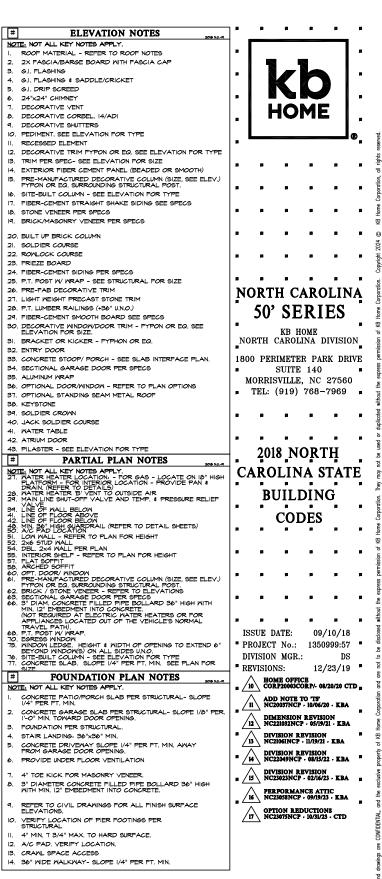
42. ATRIUM DOOR

40. JACK SOLDIER COURSE 4I. WATER TABLE

I. RECESSED ELEMENT

3. G.I. FLASHING

SCREENED-IN COVERED DECK AT CRAWL SPACE 'D'



- 3 TREADS 3 RISERS

FAMILY ROOM

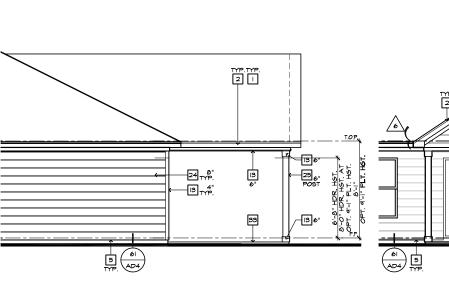
NOTE:
THE CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION RAOR.
THE CRANL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION RAOR].

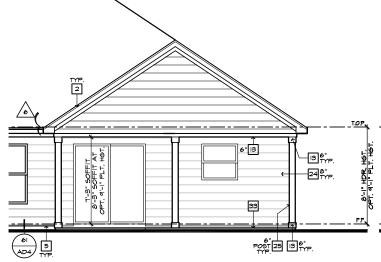
NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE

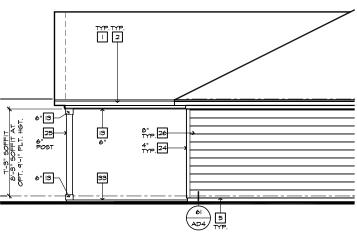
NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

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

149.2115-R SHEET: 8.D2







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

PARTIAL REAR ELEVATION

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

PARTIAL LEFT ELEVATION

SCALE I/4"=1'-0" (22"X34") - I/8"=1'-0" (II"XI7")

ROOF PLAN NOTES 'D'

6:12 ROOF MATERIAL: COMPOSITION SHINGLE

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

ATTIC VENT CALCULATIONS

PROVIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3"-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 N.C.-R 806.2) * CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED

APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. AREA I / MAIN: VENTILATION REQUIRED: ATTIC AREA = 2804 SQ. FT. / 300 4.35 SQ. X 144 = 1346 5Q. IN.

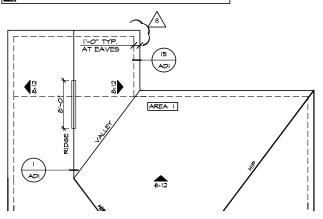
TOTAL HIGH \$ LOW = 1346 5Q. IN.

X 50% = 673 5Q. IN.

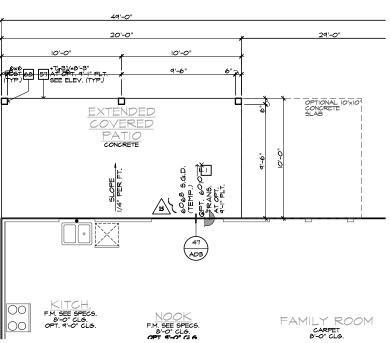
VENTILATION PROVIDED

SUB-TOTAL HIGH VENTILATION:

868 SQ. 11



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



PARTIAL SLAB INTERFACE PLAN

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

PARTIAL FIRST FLOOR PLAN

EXTENDED COVERED

PATIO

SLOPE 1/4" PER I

TEMP OPT. 60 OPT.

FAMILY ROOM

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

6×6 POST 68 57 AT OPT. 9'-|" PLT. (TYP) T SEE ELEV. (TYP.)

ELEVATION NOTES NOTE: NOT ALL KEY NOTES APPLY. ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP 3. G.I. FLASHING 4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY HOME 1. DECORATIVE VENT B. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE I. RECESSED ELEMENT 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH) PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE IT. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS 18. STONE VENEER PER SPECS 19. BRICK/MASONRY VENEER PER SPECS 21. SOLDIER COURSE 22. ROWLOCK COURSE 23. FRIEZE BOARD 24. FIBER-CEMENT SIDING PER SPECS 25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE 26. PRE-FAB DECORATIVE TRIM **NORTH CAROLINA** 28. P.T. LUMBER RAILINGS (+36" U.N.O.) 50' SERIES 29. FIBER-CEMENT SMOOTH BOARD SEE SPECS 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE. кв номе 31. BRACKET OR KICKER - FYPHON OR EQ. NORTH CAROLINA DIVISION 32. ENTRY DOOR 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 1800 PERIMETER PARK DRIVE 34. SECTIONAL GARAGE DOOR PER SPECS SUITE 140 35. ALUMINUM WRAP MORRISVILLE, NC 27560 36. OPTIONAL DOOR/MINDOW - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF TEL: (919) 768-7969 m 38. KEYSTONE 39. SOLDIER CROWN 40. JACK SOLDIER COURSE 4I. WATER TABLE 42. ATRIUM DOOR 43. PILASTER - SEE ELEVATION FOR TYPE 2018 NORTH PARTIAL PLAN NOTES MOTE, NOT ALL KEY NOTES APPLY 20. MATER HEATER LOCATION: - FOR GAS - LOCATE ON 10" HIGH PLATFORM - FOR NITERIOR LOCATION - FOR GAS - LOCATE ON 10" HIGH PLATFORM - FOR NITERIOR LOCATION - FOR YOUTE PAN 8 12. MAIN LINE SHUT-OFF VALVE AND TEMP. 8 PRESSURE RELIEF 24. LINE OF PLOOR ABOVE 42. LINE OF FLOOR ABOVE 45. NIN 30" HIGH SUNTRAIL (REFER TO DETAIL SHEETS) 55. LOON MAIL - REFER TO PLAN FOR HEIGHT **CAROLINA STATE BUILDING** CODES 2. LINE OF FLOOR BELOW AND SOUTH SUMSPIRAL (REFER TO DETAIL SHEETS) I. LON WALL - REFER TO PLAN FOR HEIGHT 2. 2x6 STUD WALL 4. DPL. 2x4 WALL PER PLAN INTERIOR SHELF - REFER TO PLAN FOR HEIGHT FLAT SOFFIT FLAT SOFFIT ARCHED SOFFIT FROM SHELF - REFER TO PLAN FOR HEIGHT FREMANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. 2. BRICK / STONE VENEER - REFER TO ELEVATIONS 3. SECTIONAL GARAGE DOOR PER SPECS 6. 3° DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDDMENT INTO CONCRETE. NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATION OF THE VEHICLE'S NORMAL 8. PT. POST NV WRAP. 9. ERRESS (NINDOW) MINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND MINDOWS) ON ALL SIDES UN.O. 6. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE BEYOND MINDOWS) ON ALL SIDES UN.O. 6. SITE-BUILT COLUMN - SEE PLAN FOR TOUR STANDARD STAND ISSUE DATE: PROJECT No.: 1350999:57 DIVISION MGR.: REVISIONS: SLAB PLAN NOTES HOME OFFICE CORP20003CORP/- 08/20/20 CTD NOTE: NOT ALL KEY NOTES APPLY CONCRETE PATIO/PORCH SLAB PER STRUCTUR I/4" PER FT. MIN. ADD NOTE TO 'TS' NC20037NCP · 10/06/20 · KBA OPTIONAL IO'XIO'I CONCRETE CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" 1'-0" MIN. TOWARD DOOR OPENING. CONCRETE FOUNDATION PER STRUCTURAL DIVISION REVISION NC2106INCP - 11/19/21 - KBA CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. DIVISION REVISION NC23023NCP - 02/16/23 - KBA 5" BRICK LEDGE FOR MASONRY VENEER PERFORMANCE ATTIC NC23058NCP - 09/19/23 - KBA 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB. 4" MIN. 8 1/4" MAX. TO HARD SURFACE. 12. A/C PAD. VERIFY LOCATION. 13. 36" MIDE MALKMAY- SLOPE 1/4" PER FT. MIN.

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

NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

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

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

09/10/18

12/23/19

149.2115-R

SPEC. LEVEL 1

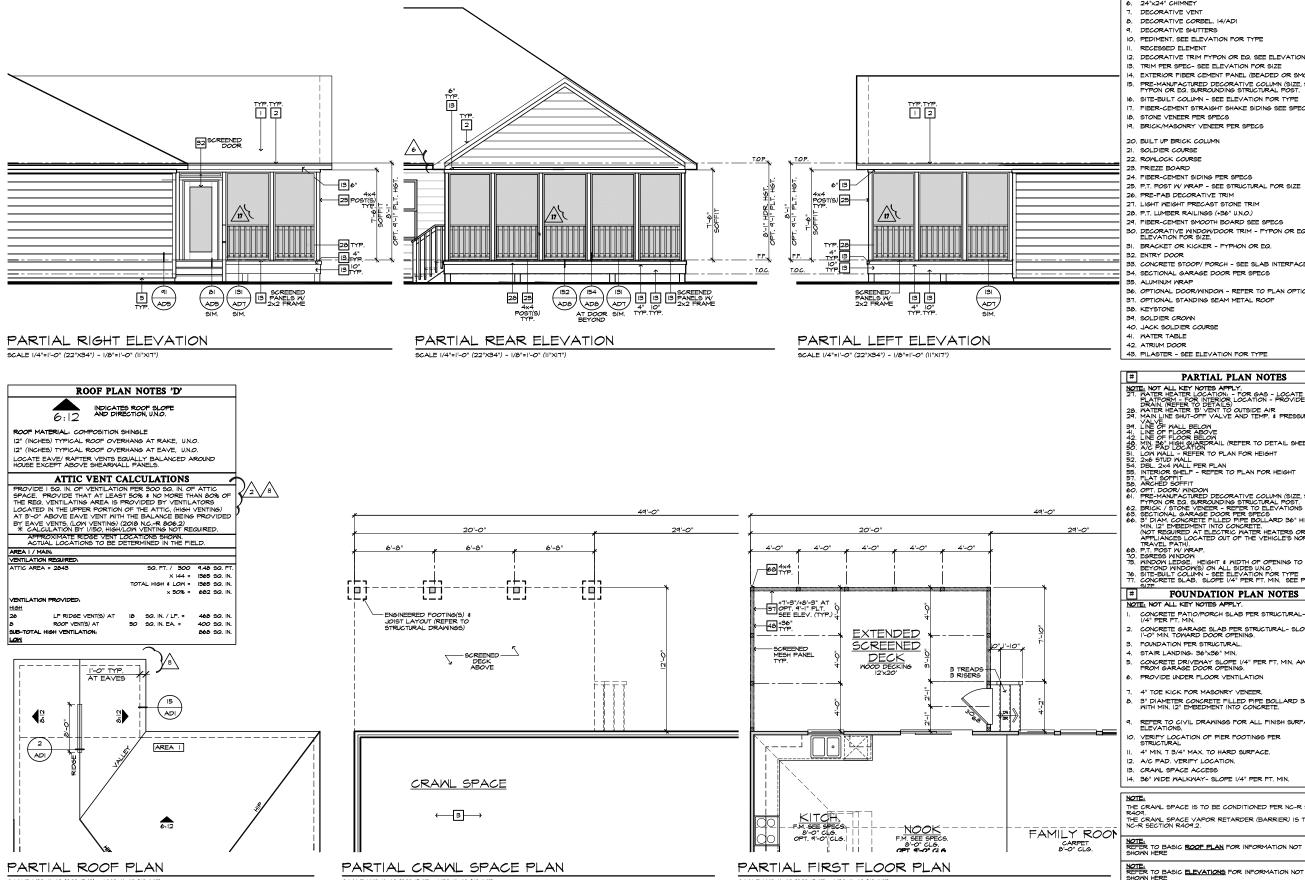
RALEIGH-DURHAM

50' SERIES

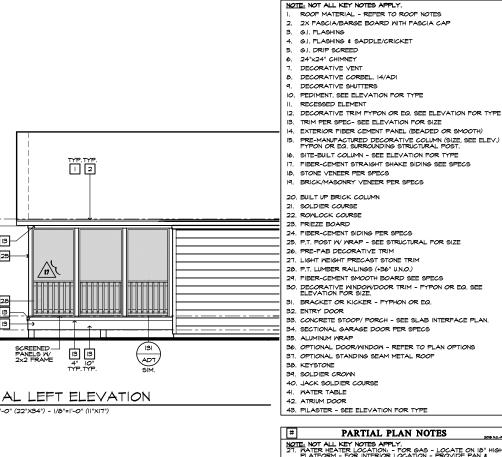
SHEET:

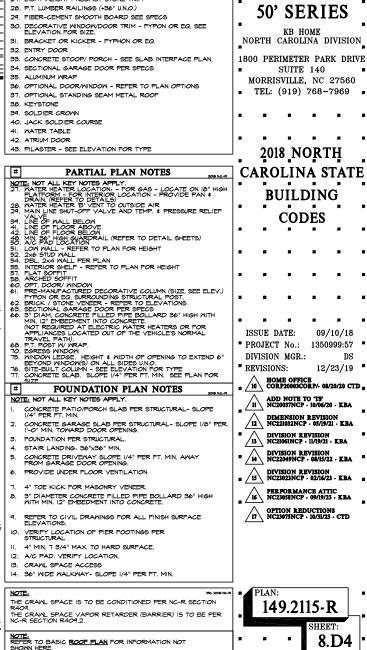
8.D3

EXTENDED COVERED PATIO 'D'



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





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

ELEVATION NOTES

8.D4 SPEC. LEVEL 1 RALEIGH-DURHAM

50' SERIES

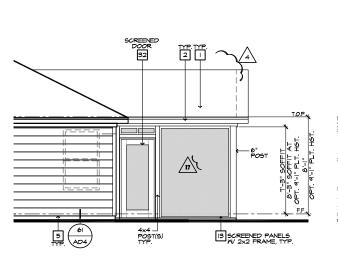
HOME

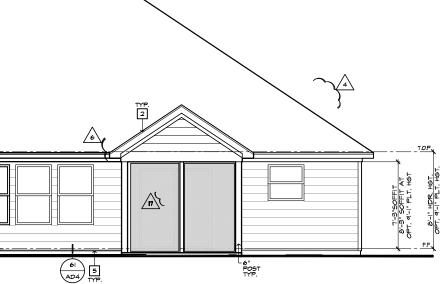
NORTH CAROLINA

EXTENDED SCREENED-IN COVERED DECK AT CRAWL SPACE 'D'

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

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





TYP.TYP. 0PT. 4'-|" PLT 7'-3" SOFFIT 8'-3" SOFFIT 0PT. 4'-|" PLT. 17/2 6 5 AD4 TYP B SCREENED PANELS

PARTIAL RIGHT ELEVATION

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

VENTILATION PROVIDED

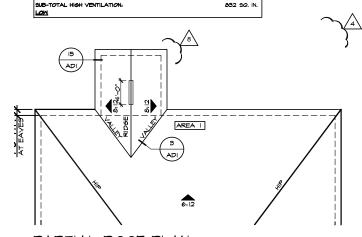
PARTIAL REAR ELEVATION

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

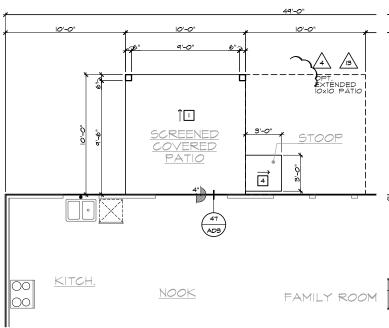
PARTIAL LEFT ELEVATION

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

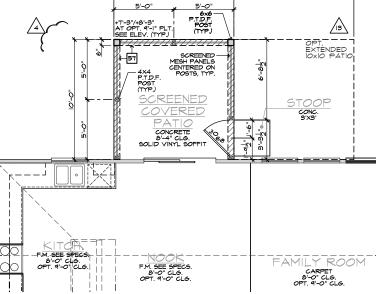
ROOF PLAN NOTES 'D' 6:12 ROOF MATERIAL: COMPOSITION SHINGLE 12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, U.N.O. 12" (INCHES) TYPICAL ROOF OVERHANG AT EAVE. U.N.O. LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS. ATTIC VENT CALCULATIONS PROVIDE I SQ. IN. OF VENTILATION PER 300 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 60% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 3"-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 N.C.-R 806.2) * CALCULATION BY 1/150, HIGH/LOW VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD. AREA I / MAIN: VENTILATION REQUIRED: ATTIC AREA = 2748 X 144 = 1319 5Q. IN. TOTAL HIGH \$ LOW = 1319 5Q. IN. X 50% = 660 5Q. IN.



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



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



10'-0"

10'-0

PARTIAL FIRST FLOOR PLAN

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

SCREENED-IN COVERED PATIO 'D'



HOME 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH)

NORTH CAROLINA 50' SERIES

кв номе NORTH CAROLINA DIVISION

1800 PERIMETER PARK DRIVE SUITE 140

MORRISVILLE, NC 27560 TEL: (919) 768-7969

2018 NORTH **CAROLINA STATE**

BUILDING CODES

ISSUE DATE:

DIVISION MGR.:

REVISIONS:

09/10/18

12/23/19

PROJECT No.: 1350999:57

HOME OFFICE CORP20003CORP/- 08/20/20 CTD

DIMENSION REVISION NC221032NCP - 05/19/21 - KBA

DIVISION REVISION NC23023NCP - 02/16/23 - KBA

PERFORMANCE ATTIC NC23058NCP - 09/19/23 - KBA

OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD

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

DIVISION REVISION
NC2106INCP - 11/19/21 - KBA

2. LINE OF FLOOR BELOW

2. LINE OF FLOOR BELOW

3. MIX 925 (1991) SUASPRAIL (REFER TO DETAIL SHEETS)

3. MIX 925 (1991) SUASPRAIL (REFER TO DETAIL SHEETS)

4. DEL 2x4 WALL - REFER TO PLAN FOR HEIGHT

4. DEL 2x4 WALL PER PLAN

5. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT

7. FLAT SOFFIT

7. FLAT SOFFIT

7. OFFIT SHEET SHEET TO PLAN FOR HEIGHT

7. FLAT SOFFIT

7. OFFIT SHEET SHEET SHEET SHEET SHEET SHEET

7. OFFIT SHEET SHEET SHEET SHEET SHEET SHEET SHEET

7. OFFIT SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET

7. OFTIT SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET SHEET

8. SECTIONAL GARAGE DOOR PER SPECS

6. 3° DIAM CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIX. 12" EMBEDIMENT INTO CONCRETE. HEATERS OR FOR AFFILIANCES SHOWN AFTER SHEET SHEET

3. G.I. FLASHING

5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY 1. DECORATIVE VENT

I. RECESSED ELEMENT

6. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE

18. STONE VENEER PER SPECS 19. BRICK/MASONRY VENEER PER SPECS

24. FIBER-CEMENT SIDING PER SPECS 25. P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE

28. P.T. LUMBER RAILINGS (+36" U.N.O.)

29. FIBER-CEMENT SMOOTH BOARD SEE SPECS

31. BRACKET OR KICKER - FYPHON OR EQ.

34. SECTIONAL GARAGE DOOR PER SPECS

37. OPTIONAL STANDING SEAM METAL ROOF

43. PILASTER - SEE ELEVATION FOR TYPE

30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.

33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.

PARTIAL PLAN NOTES

MOTE, NOT ALL KEY NOTES APPLY.

27. MATER HEATER LOCATION: - FOR GAS - LOCATE ON 10° HIGH PLANT REPORT - FOR MATER HEATER LOCATION: - FOR GAS - LOCATE ON 10° HIGH PLANT (REFER TO DETAILS)

29. MATER HEATER BY VENT TO CUTSIDE AIR 21° MAIN LINE SHUT-OFF VALVE AND TEMP. 8 PRESSURE RELIEF 34. LINE OF PLOOR ABOVE 41° LINE OF FLOOR ABOVE 42. LINE OF FLOOR BELOW 42. LINE OF FLOOR BELOW 45. MIN 30° HIGH GLATTRAIL (REFER TO DETAIL SHEETS)

51. LOW MAIL - REFER TO PLAN FOR HEIGHT

36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS

26. PRE-FAB DECORATIVE TRIM

21. SOLDIER COURSE 22. ROWLOCK COURSE 23. FRIEZE BOARD

32. ENTRY DOOR

35. ALUMINUM WRAP

38. KEYSTONE 39. SOLDIER CROWN

42. ATRIUM DOOR

40. JACK SOLDIER COURSE 4I. WATER TABLE

15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST. 16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

IT. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS

SLAB PLAN NOTES

NOTE: NOT ALL KEY NOTES APPLY. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL-I/4" PER FT. MIN.

CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOMARD DOOR OPENING.

3. CONCRETE FOUNDATION PER STRUCTURAL CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.

. CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION.

5" BRICK LEDGE FOR MASONRY VENEER. . 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.

REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. O. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.

I. 4" MIN. 8 I/4" MAX. TO HARD SURFACE.

12. A/C PAD, VERIFY LOCATION.

13. 36" MIDE MALKMAY- SLOPE 1/4" PER FT. MIN.

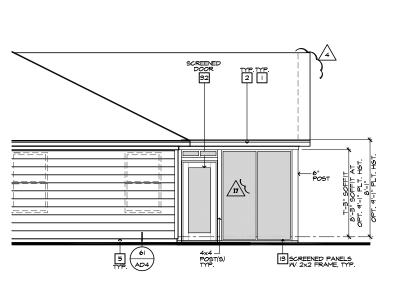
NOTE:
THE CRANL SPACE IS TO BE CONDITIONED PER NC-R SECTION RAOR.
THE CRANL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION RAOR].

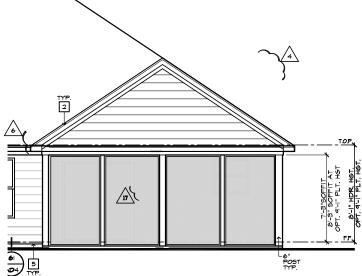
NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE

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

149.2115-R SHEET: 8.D5





MP.MP. ₹ 2 7'-3" SOFFIT 8'-3" SOFFIT , OPT, 9'-1" PLT, t 6I 5 TYP

PARTIAL RIGHT ELEVATION

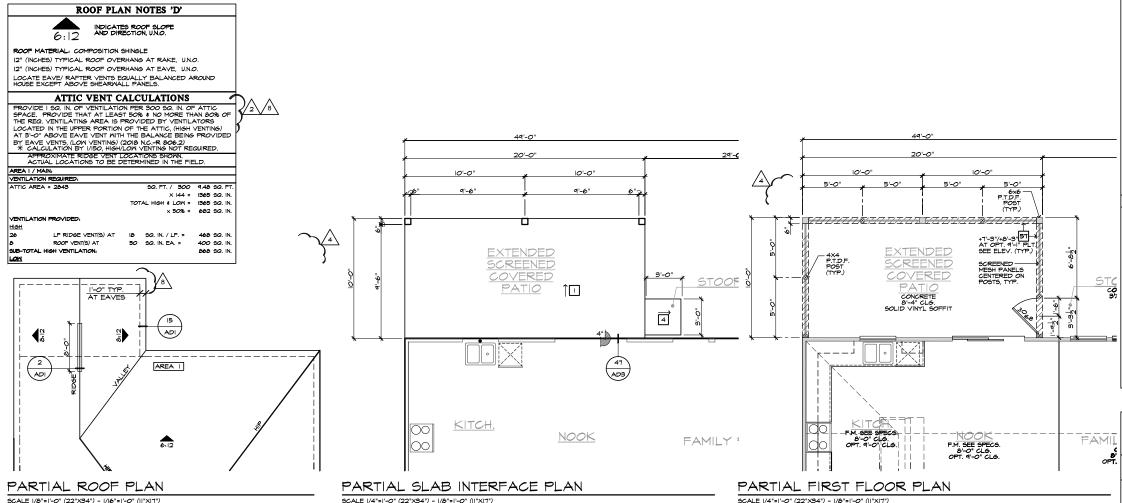
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

PARTIAL REAR ELEVATION

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

PARTIAL LEFT ELEVATION

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



HOME 12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE 13. TRIM PER SPEC- SEE ELEVATION FOR SIZE 14. EXTERIOR FIBER CEMENT PANEL (BEADED OR SMOOTH) PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.)
 FYPON OR EQ. SURROUNDING STRUCTURAL POST. **NORTH CAROLINA** 50' SERIES 30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE. кв номе NORTH CAROLINA DIVISION 33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN. 1800 PERIMETER PARK DRIVE SUITE 140 MORRISVILLE, NC 27560 TEL: (919) 768-7969 m 2018 NORTH # PARTIAL PLAN NOTES

NOTE: NOT ALL KEY NOTES APPLY.

27. MATER HEATER LOCATION: FOR 6AS - LOCATE ON 18" HIGH DEATH, REFER TO DETAILS.

28. MATER HEATER BY VENT TO OUTSIDE AIR 29. MATER HEATER BY VENT TO OUTSIDE AIR 39. MATER HEATER BY VENT TO ABOVE 42. LINE OF FLOOR BELOW

42. LINE OF FLOOR BELOW

43. MATER HEATER TO PLAN FOR HEIGHT

53. LOW WALL - REFER TO PLAN FOR HEIGHT

54. DBL. 2x4 WALL PER PLAN

55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT

57. HAT SOFFFIT

68. SHE TOOK WINDOW

69. SHE TOOK WINDOW

60. SHE TOOK WINDOW

60. SHE TOOK WINDOW

61. SHE TOOK WINDOW

62. BRICK / STONE VENEER - REFER TO ELEVATIONS

63. SECTIONAL GARAGE DOOR PER SPECS

66. ST DIAM CONCRETE FILLED PIPE BULLARD 36" HIGH WITH MIND ENGEBORE TO WEATER AND THE WENTER BY FOR APPLIANCES LOCATED OUT OF THE VEHICLES NORMAL TRAVEL PATH).

68. P.T. POST NY WRAP.

19. BINDOW LEDGEL, HEIGHT & WIDTH OF OPENING TO EXTEND 6" BULL PATH ON WALL PATH).

69. P.T. POST NY WRAP.

10. EGRESS WINDOW

11. LINE OF FLOOR WINDOW

12. SHIPLOW WALL SHE ELEVATION OF TYPE

13. CONCRETE SLAB, SLOPE I/4" PER FT. MIN. SEE PLAN FOR SUZE. **CAROLINA STATE BUILDING** CODES ISSUE DATE: 09/10/18 PROJECT No.: 1350999:57 DIVISION MGR.: REVISIONS: 12/23/19 HOME OFFICE CORP20003CORP/- 08/20/20 CTD ADD NOTE TO 'TS'
NC20037NCP · 10/06/20 · KBA CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOMARD DOOR OPENING. DIMENSION REVISION NC221032NCP - 05/19/21 - KBA DIVISION REVISION
NC2106INCP - 11/19/21 - KBA . CONCRETE DRIVEWAY SLOPE I/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND. VERIFY LOCATION. DIVISION REVISION NC23023NCP - 02/16/23 - KBA PERFORMANCE ATTIC NC23058NCP - 09/19/23 - KBA 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS. OPTION REDUCTIONS NC23075NCP - 10/31/23 - CTD O. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB. NOTE:
THE CRAWL SPACE IS TO BE CONDITIONED PER NO-R SECTION R4091. 149.2115-R THE CRAML SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R409.2.

NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE NOTE: REFER TO BASIC <u>ELEVATIONS</u> FOR INFORMATION NOT SHOWN HERE NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE

ELEVATION NOTES

ROOF MATERIAL - REFER TO ROOF NOTES 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP

16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE

IT. FIBER-CEMENT STRAIGHT SHAKE SIDING SEE SPECS

NOTE: NOT ALL KEY NOTES APPLY.

4. G.I. FLASHING & SADDLE/CRICKET 5. G.I. DRIP SCREED 6. 24"x24" CHIMNEY 7. DECORATIVE VENT

B. DECORATIVE CORBEL. 14/ADI 9. DECORATIVE SHUTTERS IO. PEDIMENT. SEE ELEVATION FOR TYPE

18. STONE VENEER PER SPECS 19. BRICK/MASONRY VENEER PER SPECS

24. FIBER-CEMENT SIDING PER SPECS 25. P.T. POST W WRAP - SEE STRUCTURAL FOR SIZE

28. P.T. LUMBER RAILINGS (+36" U.N.O.)

29. FIBER-CEMENT SMOOTH BOARD SEE SPECS

31. BRACKET OR KICKER - FYPHON OR EQ.

34. SECTIONAL GARAGE DOOR PER SPECS

43. PILASTER - SEE ELEVATION FOR TYPE

36. OPTIONAL DOOR/MINDOW - REFER TO PLAN OPTIONS 37. OPTIONAL STANDING SEAM METAL ROOF

PARTIAL PLAN NOTES

SLAB PLAN NOTES

CONCRETE PATIO/PORCH SLAB PER STRUCTURAL-I/4" PER FT. MIN.

3. CONCRETE FOUNDATION PER STRUCTURAL

CONCRETE STOOP: 36"x36" STANDARD SLOPE I/4" PER FT. MIN.

5" BRICK LEDGE FOR MASONRY VENEER

I. 4" MIN. 8 I/4" MAX. TO HARD SURFACE.

13. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.

12. A/C PAD, VERIFY LOCATION.

NOTE: NOT ALL KEY NOTES APPLY.

26. PRE-FAB DECORATIVE TRIM

21. SOLDIER COURSE 22. ROWLOCK COURSE 23. FRIEZE BOARD

32. ENTRY DOOR

35. ALUMINUM WRAP

38. KEYSTONE 39. SOLDIER CROWN 40. JACK SOLDIER COURSE 4I. WATER TABLE

42. ATRIUM DOOR

I. RECESSED ELEMENT

3. G.I. FLASHING

SHEET: 8.D6

SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

EXTENDED SCREENED-IN COVERED PATIO 'D'