



# NORTH CAROLINA 50' SERIES PLAN 150.1910

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### PLAN #150.1910

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P.A3	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. EXTENDED COVERED PATIO 'A'
P.A4	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. EXTENDED SCREENED-IN COVERED DECK 'A'
P.A5	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. SCREENED-IN COVERED PATIO 'A'
P.A6	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. EXTENDED SCREENED-IN COVERED PATIO 'A'
P.B1	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. COVERED PATIO 'B'
P.B2	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. EXTENDED SCREENED-IN COVERED DECK 'B'
P.B3	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. EXTENDED COVERED PATIO 'B'
P.B4	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. EXTENDED SCREENED-IN COVERED DECK 'B'
P.B5	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. SCREENED-IN COVERED PATIO 'B'
P.B6	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. EXTENDED SCREENED-IN COVERED PATIO 'B'
P.C1	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. COVERED PATIO 'C'
P.C2	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. EXTENDED SCREENED-IN COVERED DECK 'C'
P.C3	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. EXTENDED COVERED PATIO 'C'
P.C4	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. EXTENDED SCREENED-IN COVERED DECK 'C'
P.C5	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. SCREENED-IN COVERED PATIO 'C'
P.C6	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. EXTENDED SCREENED-IN COVERED PATIO 'C'
P.D1	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. COVERED PATIO 'D'
P.D2	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. EXTENDED SCREENED-IN COVERED DECK 'D'
P.D3	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. EXTENDED COVERED PATIO 'D'
P.D4	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. EXTENDED SCREENED-IN COVERED DECK 'D'
P.D5	PARTIAL FLOOR PLAN, ROOF & ELEVATIONS W/ OPT. SCREENED-IN COVERED PATIO 'D'
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AD3	ARCHITECTURAL DETAILS
AD4	ARCHITECTURAL DETAILS
AD5	ARCHITECTURAL DETAILS
AD6	ARCHITECTURAL DETAILS
AD7	ARCHITECTURAL DETAILS
AD8	ARCHITECTURAL DETAILS



**NORTH CAROLINA  
50' SERIES**  
KB HOME  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582

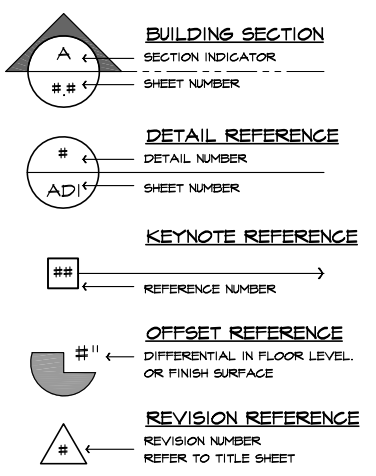
**2018 NORTH  
CAROLINA STATE  
BUILDING  
CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
DIVISION MGR.: DS  
REVISIONS:  
1 VENTILATION NC2008NCF/ 01/17/20 /KBA  
2 FRAMEWALK NC20019NCF/ 03-25-20 /KBA  
3 HOME OFFICE CORP20063CORP/ 07/31/20 /KBA  
4 ADD NOTE TO TS NC20037NCF/ 10/06/20 - KBA  
5 GARAGE SERVICE DOOR NC21004NCF/ 03/25/21 - KBA

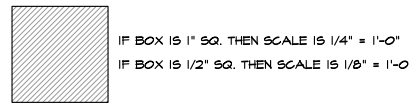
### ABBREVIATIONS

ABV.	ABOVE	G.F.I.	GROUND-FAULT CIRCUIT INTERRUPTER	R.O.	ROUGH OPENING
A/C	AIR CONDITIONING	S & P	S & P	S & P	SHELF AND POLE
ADJ.	ADJUSTABLE	G.I.	GALVANIZED IRON	S.C.	SOLID CORE
ALT.	ALTERNATE	GL.	GLASS	S.D.	SMOKE DETECTOR
AMP.	AMPERAGE	GYP. BD.	GYPSPUM BOARD	SEC.	SECTION
BD.	BOARD	H.C.	HOLLOW CORE	S.H.	SINGLE HUNG
CL.	CENTER LINE	HDR.	HEADER	SHT.	SHEET
CAB.	CABINET	HGT. / HT.	HEIGHT	SHTS.	SHEATHING
CLG.	CEILING	H.H.	HEADER HEIGHT	SHWR.	SHOWER
CLR.	CLEAR	HS	HORIZONTAL SLIDER	SIM.	SIMILAR
CONC.	CONCRETE	I.L.O.	IN LIEU OF	SL. GL.	SLIDING GLASS
CPT.	CARPET	INSUL.	INSULATION	STD.	STANDARD
C.T.	CERAMIC TILE	INT.	INTERIOR	S.V.	SHEET VINYL
D.	DRYER	LAM.	LAMINATED	TEMP.	TEMPERED GLASS
DBL.	DOUBLE	LAV.	LAVATORY	THK.	THICK
D.S.	DUAL GLAZED	LUM.	LUMINOUS	T.O.C.	TOP OF CURB
DIA.	DIAMETER	M.C.	MEDICINE CABINET	T.O.P.	TOP OF PLATE
DIM.	DIMENSION	MFR.	MANUFACTURER	T.O.S.	TOP OF SLAB
DISP.	DISPOSAL	MIN.	MINIMUM	TYP.	TYPICAL
D.L.	DIVIDED LIGHT	MTD.	MOUNTED	U.N.O.	UNLESS NOTED OTHERWISE
DP.	DEEP	MTL.	METAL	V.P.	VAPOR PROOF
DR.	DOOR	N.I.C.	NOT IN CONTRACT	W.	WASHER
D.S.	DOWNSPOUT	N.T.S.	NOT TO SCALE	W.	WITH
DTL.	DETAIL	O.	OVER	WD.	WOOD
D.W.	DISHWASHER	O.C.	ON CENTER	WDN.	WINDOW
EA.	EACH	O.P.T.	OPTIONAL	WH	WATER HEATER
ELEV.	ELEVATION	O.S.A.	OUTSIDE AIR	WI.	WROUGHT IRON
EQ.	EQUAL	P.	PROPERTY LINE	XP.	WEATHER PROOF
EXH.	EXHAUST	P.B.	PUSH BUTTON		
EXT.	EXTERIOR	PH.	PHONE		
FAU.	FORCED AIR UNIT	PLT.	PLATE		
F.C.	FIBER CEMENT	PLYND.	PLYWOOD		
F.G./FX.	FIXED GLASS	FR.	PAIR		
F.S.	FUEL GAS	P.T.D.F.	PRESSURE TREATED DOUGLAS FIR		
FIN.	FINISH	R.	RISER		
FLR.	FLOOR	RAD.	RADIUS		
FLR. LINE	FLOOR LINE	R.A.S.	RETURN AIR GRILL		
FLUOR.	FLUORESCENT	REF.	REFRIGERATOR		
FR. DR.	FRENCH DOOR	RE/S	RE-SAWN		
F.M.C.	FLOOR MATERIAL CHANGE	REV.	REVERSE		
FTG.	FOOTING	RM.	ROOM		
GA.	GAUGE				
GAR. DISP.	GARBAGE DISPOSAL				

### ARCH. SYMBOLS



### SCALE NOTE



### CONSULTANTS

**OWNER :**  
KB HOME  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD., SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582

**STRUCTURAL ENGINEER :**  
SUMMIT ENGINEERING  
120 PENMARQ DRIVE, SUITE 108  
RALEIGH, NC 27605  
TEL: (919) 390-4441  
FAX: (919) 390-4443

**TRUSS DESIGN**  
BUILDERS FIRST SOURCE

### SQUARE FOOTAGE

PLAN 150.1910		
FIRST FLOOR AREA		
TOTAL AREA	1910	SQ. FT.
GARAGE AREA		
PORCH AREA(S)	ELEVATION 'A'	115 SQ. FT.
	ELEVATION 'B'	114 SQ. FT.
	ELEVATION 'C'	150 SQ. FT.
	ELEVATION 'D'	150 SQ. FT.
OPTIONS:		
PATIO AREA(S)	COVERED PATIO	100 SQ. FT.
	EXTENDED COVERED PATIO	100 SQ. FT.
	SCREENED-IN COVERED PATIO	100 SQ. FT.
	EXTENDED SCREENED-IN COV. PATIO	240 SQ. FT.
DECK AREA(S)		
	OPEN DECK	144 SQ. FT.
	EXTENDED OPEN DECK	288 SQ. FT.
	SCREENED-IN DECK	144 SQ. FT.
	EXTENDED SCREENED-IN DECK	288 SQ. FT.

### NOTES

ALL EXPOSED PORTIONS OF CONCRETE SLAB FOUNDATIONS ARE TO BE 'FARGED'.

### CODE INFORMATION

**APPLICABLE CODES:**  
2018 NORTH CAROLINA STATE BUILDING CODE; RESIDENTIAL CODE, INCLUDING REFERENCED CODES AND STANDARDS

**PROJECT DESCRIPTION:**  
1 STORY SINGLE FAMILY DETACHED RESIDENTIAL PLAN W/ 4 ELEVATIONS

**OCCUPANCY:**  
R3

**CONSTRUCTION TYPE:**  
V - B

**CODE ABBREVIATIONS**  
N.C.-R. NORTH CAROLINA RESIDENTIAL CODE  
N.C.-B. NORTH CAROLINA BUILDING CODE  
N.C.-M. NORTH CAROLINA MECHANICAL CODE  
N.C.-P. NORTH CAROLINA PLUMBING CODE  
N.C.-F. NORTH CAROLINA FUEL GAS CODE  
N.C.-E. NORTH CAROLINA ELECTRICAL CODE  
N.C.-EG. NORTH CAROLINA ENERGY CODE  
N.E.C. NATIONAL ELECTRICAL CODE  
I.C.B.O. INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS  
A.S.T.M. AMERICAN SOCIETY FOR TESTING MATERIALS  
N.F.P.A. NATIONAL FIRE PROTECTION ASSOCIATION  
A.N.S.I. AMERICAN NATIONAL STANDARDS INSTITUTE  
I.E.C.C. INTERNATIONAL ENERGY CONSERVATION CODE  
I.C.C. INTERNATIONAL CODE COUNCIL  
U.L. UNDERWRITERS LABORATORIES, INC.

### REVISION LIST

DELTA	DATE	SHEETS REVISED	LOG NUMBER
2	09/25/20	TS, 1, 1.3, 3.A3, 3.B1, 3.C1, 3.C4, 3.D1, 3.D5, 1.B, A5, A6, B, B5, B6, C, C5, C6, D, D5, D6	NC20019NCF
3	07/31/20	TS, 1, 3, 4, 1, 5, 2	CORP20063CORP
5	03/25/21	TS, 1, 1, 1.2, 1.3, 3.A3, 3.B1, 3.B4, 3.C1, 3.C4, 3.D1, 3.D4 SERVICE DOOR	NC21004NCF

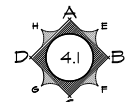
PLAN:  
**150.1910**  
SHEET:  
**TS**

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









**INTERIOR KEY**

**SQUARE FOOTAGE**

PLAN 150.1910	
FIRST FLOOR AREA	1410 SQ. FT.
TOTAL AREA	1910 SQ. FT.
GARAGE AREA	418 SQ. FT.
PORCH AREA(S)	
ELEVATION 'A'	115 SQ. FT.
ELEVATION 'B'	114 SQ. FT.
ELEVATION 'C'	130 SQ. FT.
ELEVATION 'D'	130 SQ. FT.

OPTIONS	
PATIO AREA(S)	
COVERED PATIO	100 SQ. FT.
EXTENDED COVERED PATIO	240 SQ. FT.
SCREENED-IN COVERED PATIO	100 SQ. FT.
EXTENDED SCREENED-IN COV. PATIO	240 SQ. FT.
DECK AREA(S)	
OPEN DECK	144 SQ. FT.
EXTENDED OPEN DECK	288 SQ. FT.
SCREENED-IN DECK	144 SQ. FT.
EXTENDED SCREENED-IN DECK	288 SQ. FT.

**PLATE NOTES**

**8'-1" PLATE NOTES**

WINDOW HEADER HEIGHT:	6'-8" U.N.O.
2ND FLOOR WINDOW HDR. HEIGHT:	7'-0" U.N.O.
ENTRY DOOR HEIGHT:	6'-8" U.N.O.
SLIDING GLASS DOOR HEIGHT:	6'-8" (TEMP.)
INTERIOR SOFFIT HEIGHT:	7'-4" U.N.O.
TRAY CEILING:	7'-4" U.N.O. INTO TRUSS U.N.O.
INTERIOR DOOR HEIGHT:	6'-8" U.N.O.

**9'-1" PLATE NOTES**

WINDOW HEADER HEIGHT 1st FL.:	8'-0" U.N.O.
WINDOW HEADER HEIGHT 2nd FL.:	7'-8" U.N.O.
4010 WINDOW OVER TUB HDR. HGT.:	8'-4" U.N.O.
ENTRY DOOR HEIGHT:	6'-8" U.N.O.
SLIDING GLASS DOOR HEIGHT:	6'-8" (TEMP.)
INTERIOR SOFFIT HEIGHT:	8'-0" U.N.O.
TRAY CEILING:	7" RISE INTO TRUSS U.N.O.
INTERIOR DOOR HEIGHT:	6'-8" U.N.O.

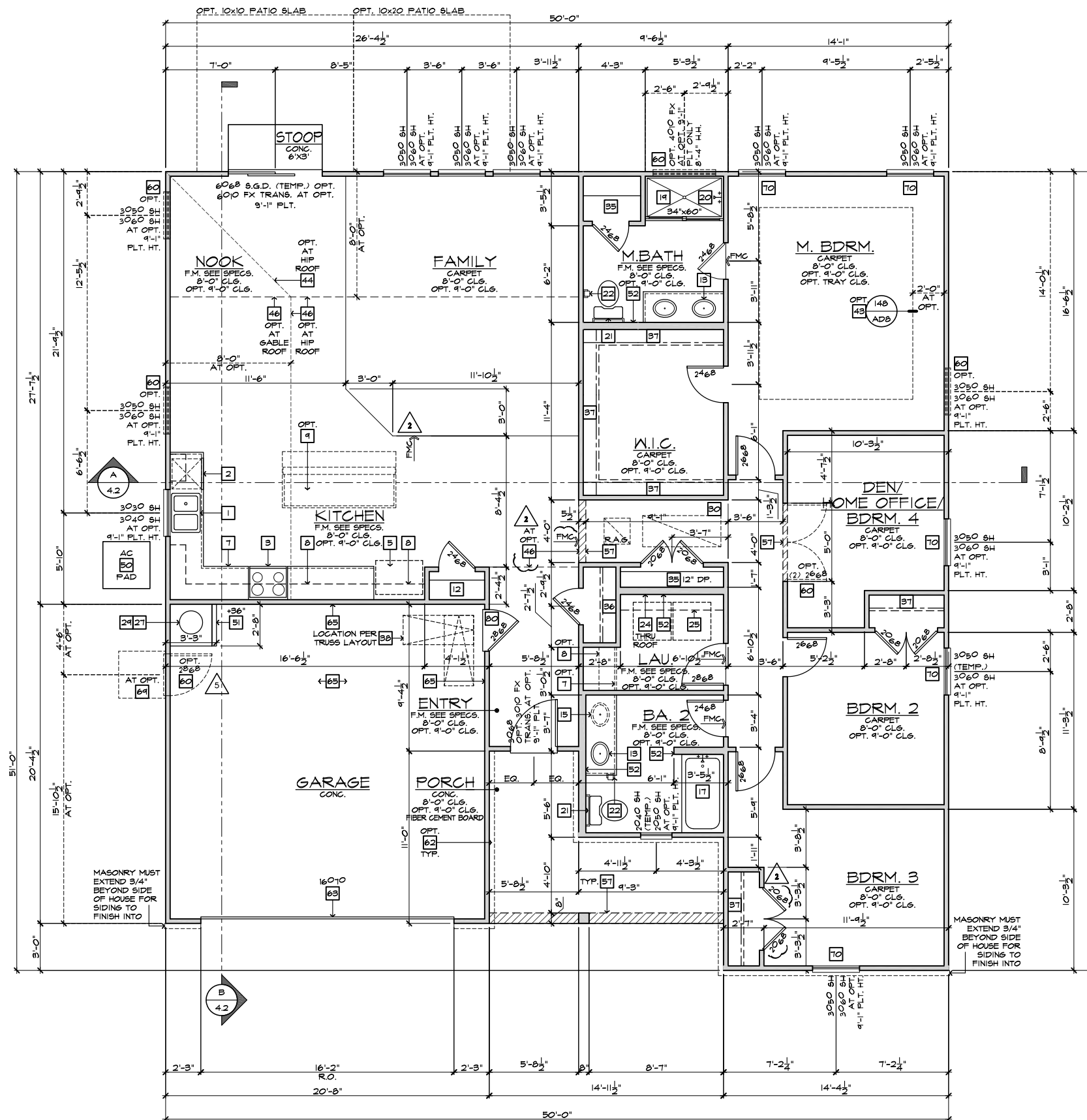
**GENERAL PLAN NOTES**

ALL CEILING HEIGHTS PER SECTION AND ELEVATION PLATE HEIGHTS, U.N.O.  
 ALL INTERIOR DOORS TO BE HOLLOW CORE 1 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 1 3/4" THICK (REFER TO PLAN FOR SIZE).  
 ALL FLOOR MATERIAL CHANGES TO OCCUR AT CENTER OF DOOR JAMBES, U.N.O.

**STAIR DATA NOTES**

**FIRST FLOOR WITH 9'-4" PLATE HEIGHT:**  
 14" DEEP T.J.I. FLOOR JOISTS WITH 3/4" T&G DECKING.  
 14 TREADS AT 10" EACH  
 15 RISERS AT 7-1/16" EACH

**FIRST FLOOR WITH 9'-4" PLATE HEIGHT:**  
 14" DEEP T.J.I. FLOOR JOISTS WITH 3/4" T&G DECKING.  
 15 TREADS AT 10" EACH  
 16 RISERS AT 7-3/4" EACH



**FLOOR PLAN 'A'**

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

BASIC PLAN

**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
  - 30" COOKTOP W/ BUILT-IN VENTED HOOD W/ LIGHT & FAN VERIFY WITH MANUFURS' SPECS
  - 34" CLEAR REFRIGERATOR SPACE W/ OPTIONAL CABINETS ABOVE - OPT. PLUMBING FOR ICEMAKER (RECESSED IN WALL)
  - COMBINATION DOUBLE OVEN OR OVEN/MICROWAVE 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
  - MIN. 12" BAR TOP/ BREAKFAST BAR
  - DESK AREA - REFER TO INTERIOR ELEVATIONS
  - BUILT-IN PANTRY (15" DEEP OR U.N.O.)
  - SINK CABINET(S) - REFER TO INTERIOR ELEVATIONS
  - SINK CABINET W/ EXTENDED VANITY & KNEE SPACE BELOW - REFER TO INTERIOR ELEVATIONS
  - OPT. SINK - REFER TO INTERIOR ELEVATIONS.
  - KNEE SPACE - REFER TO INTERIOR ELEVATIONS
  - PRE-FAB. TUB/SHOWER COMBO W/ FIBERGLASS MAINSCOT TO T2 - VERIFY DIMENSIONS W/ MANUF'S SPECS
  - OVAL TUB - VERIFY DIMENSIONS WITH MANUF'S SPECS.
  - PRE-FAB. SHOWER PAN W/ 30" MIN. CLR. INSIDE & MAINSCOT TO T2 - VERIFY DIMENSIONS W/ MANUF'S SPECS
  - SHATTERPROOF (TEMPERED) GLASS SHOWER ENCLOSURE.
  - TOWEL BAR - PROVIDE 2x SOLID BLK'S IN WALL
  - TOILET PAPER HOLDER - PROVIDE 2x SOLID BLK'S IN WALL
  - RESERVED
  - WASHER & DRYER: - PROVIDE WATER & WASTE FOR WASHER - RECESS WASHER CONTROL VALVES IN WALL - VENT DRYER TO OUTSIDE AIR - ACCOMMODATE APPLIANCE TO BE LOCATED WASHER AT LEFT AND DRYER AT RIGHT.
  - 12" SHELF PER SPECS
  - OPT. LAUNDRY SINK - REFER TO INTERIOR ELEV'S
  - WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO TS/AD-4)
  - RESERVED
  - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  - FAU LOCATION (REFER TO DETAIL 88/AD5)
  - RESERVED
  - LISTED FACTORY-BUILT GAS FIRED DEC. APPLIANCE (REF. 80/AD4) - INSTALL PER MFR. SPECS
  - HEARTH TO BE INSTALLED PER FACTORY-BUILT FIREPLACE LISTING
  - GAS APPLIANCE B' VENT FROM BELOW
  - LINE PER SPECS (15" DEEP OR U.N.O.)
  - COAT CLOSET W/ SHELF & POLE (REFER TO DETAILTS/AD4)
  - WARDROBE W/ SHELF & ROPE (REFER TO DETAILTS/AD4)
  - 22"x30" MIN. ATTIC ACCESS  
25"x54" FULL DOWN LADDER R.O. ATTIC ACCESS TO BE PROTECTED
  - LINE OF WALL BELOW
  - DUCT CHASE
  - LINE OF FLOOR ABOVE
  - LINE OF FLOOR BELOW
  - LINE OF OPTIONAL TRAY CEILING (REFER TO DETAIL 42/AD5)
  - LINE OF HIP AT OPTIONAL VOLUME CEILING
  - LINE OF RIDGE AT OPTIONAL VOLUME CEILING
  - CEILING BREAK
  - STAIR TREADS & RISERS: - MIN. 10" TREAD & MAX. 7 3/4" RISER - (REFER TO DETAIL 81-82/AD5)
  - MIN. 36" HIGH GUARDRAIL (REFER TO DET. 83/AD5 & 85/AD5)
  - 34" TO 36" HIGH HANDRAIL (REFER TO DETAIL 83/AD5)
  - A/C PAD LOCATION
  - LOW WALL - REFER TO PLAN FOR HEIGHT
  - 2x6 STUD WALL
  - 2x6 BALLOON FRAMED WALL PER STRUCTURAL
  - DEL. 2x4 WALL PER PLAN
  - INTERIOR SHELF-SEE PLAN FOR HT.
  - MEDIA NICHE
  - FLAT SOFFIT - SEE ELEV. FOR HST.
  - ARCHED SOFFIT - SEE ELEV. FOR HST.
  - WINDOW SEAT
  - OPT. DOOR/WINDOW
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) PYLON OR EQ. SURROUNDING STRUCTURAL POST.
  - BRICK / STONE VENEER - REFER TO ELEVATIONS VENEER TO COMPLY WITH THE N.C.-R.
  - SECTIONAL GARAGE DOOR PER SPECS
  - MIN. 1/2" GYP. BD. ON CEILING & WALLS @ USEABLE SPACE UNDER STAIR.
  - GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAN 1/2" GYP. BD. @ GARAGE SIDE WALLS & 5/8" UNDER LIVING AREA U.N.O.
  - OPT. MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL 86/AD5)
  - 5/8" TYPE-X GYP. IN GARAGE BETWEEN CEILING & FLOOR ABV.
  - P.T. POST W/ WRAP
  - CONCRETE STOOP, SIZE PER PLAN  
SLOPE 1/4" PER FT. MIN.
  - EGRESS WINDOW
  - PROVIDE ADDITIONAL RISER(S) AT OPTIONAL PLATE HT.
  - MDF TOP
  - PLUMBING DROP FROM ABOVE
  - ADJUST OPENING AT OPTION TO FIT THE DOOR SIZE SHOWN
  - WINDOW LEDGE, HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - CONCRETE SLAB, SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE.
  - RESERVED
  - SLOPING LOW WALL 38" ABOVE ADJACENT TREADS
  - 20 MIN. FIRE-RATED DOOR



**NORTH CAROLINA 50' SERIES**

KB HOME  
 NORTH CAROLINA DIVISION  
 4518 S. MIAMI BLVD.  
 SUITE 180  
 DURHAM, NC 27703  
 TEL: (919) 768-7988  
 FAX: (919) 472-0582

**2018 NORTH CAROLINA STATE BUILDING CODES**

ISSUE DATE: 12/13/19  
 PROJECT No.: 1350999-57  
 DIVISION MGR.: DS

- REVISIONS:
- 1 VENTILATION NC2008NCP/ 01/17/20 /KBA
  - 2 FRAMEWALK NC20019NCP/ 03-25-20 /KBA
  - 3 HOME OFFICE CORP20043CORP/ 07/31/20 /KBA
  - 4 ADD NOTE TO 'S' NC20057NCP - 10/06/20 - KBA
  - 5 GARAGE SERVICE DOOR NC21004NCP - 03/25/21 - KBA

PLAN: 150.1910  
 SHEET: 1.1

**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

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# 2018 NORTH CAROLINA STATE BUILDING CODES

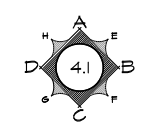
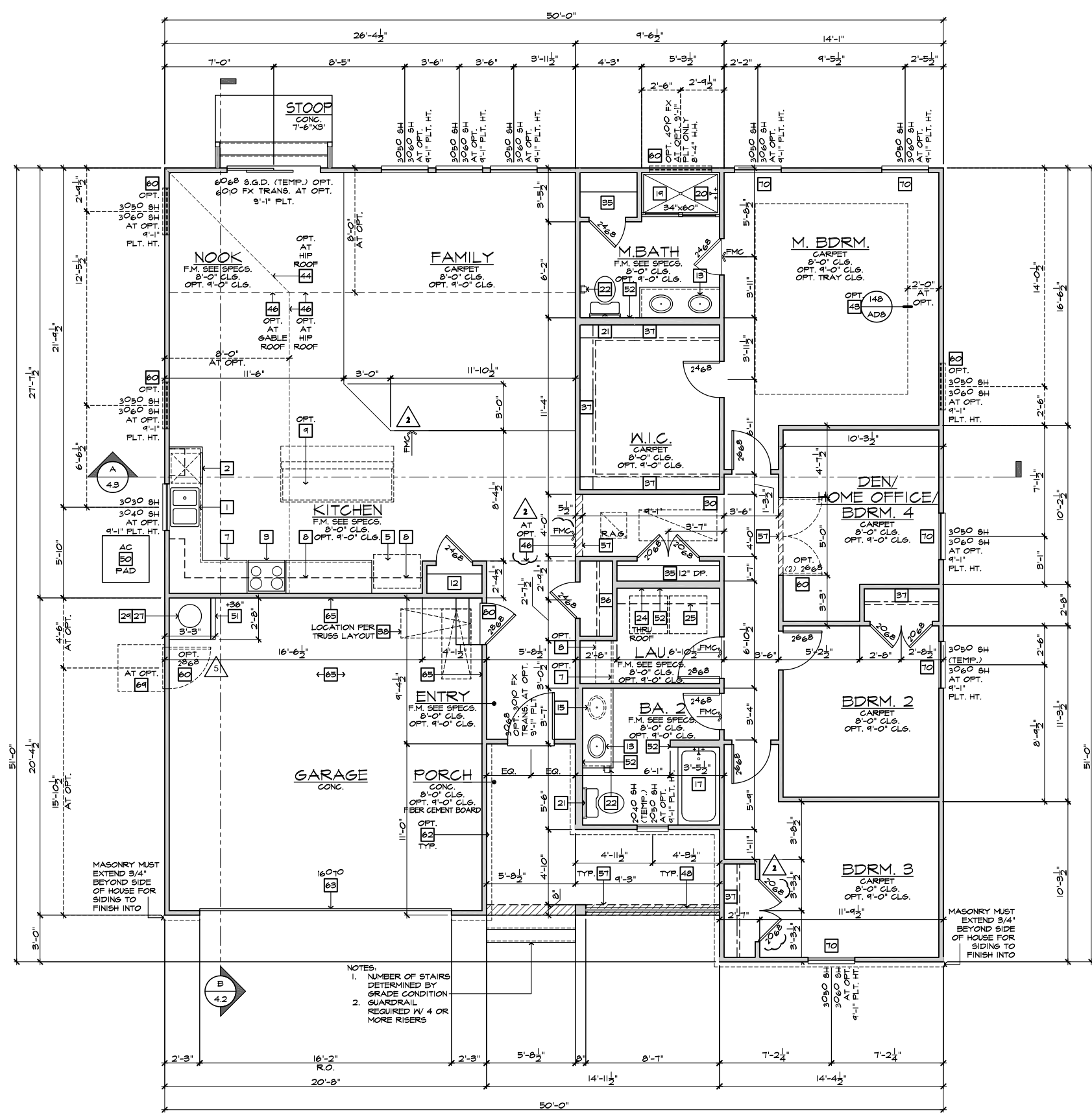
ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
DIVISION MGR.: DS

- REVISIONS:
- 1 VENTILATION NC2008NCF/ 01/17/20 /KBA
  - 2 FRAMEWALK NC20019NCF/ 03-25-20 /KBA
  - 3 HOME OFFICE CORP20063CORP/ 07/31/20 /KBA
  - 4 ADD NOTE TO 'T' NC20057NCF - 10/06/20 - KBA
  - 5 GARAGE SERVICE DOOR NC21004NCF - 03/25/21 - KBA

PLAN: 150.1910  
SHEET: 1.2

# SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

- ### # FLOOR PLAN NOTES
- NOTE: NOT ALL KEY NOTES APPLY.
1. SINK - GARBAGE DISPOSAL OPTIONAL - VERIFY DIMENSIONS WITH MANUFACTURERS' SPECS
  2. DISHWASHER - PROVIDE AIR GAP - VERIFY SPACING & DIMENSIONS PER MANUFACTURERS' SPECS
  3. SLIDE-IN RANGE/OVEN COMBINATION W/ BUILT-IN VENTED HOOD W/LIGHT & FAN, OR MICRO/HOOD COMBO - SEE SPECS
  4. 30" COOKTOP W/ BUILT-IN VENTED HOOD W/ LIGHT & FAN - VERIFY WITH MANUFRS' SPECS
  5. 34" CLEAR REFRIGERATOR SPACE W/ OPTIONAL CABINETS ABOVE - OPT. PLUMBING FOR ICEMAKER (RECESSED IN WALL)
  6. COMBINATION DOUBLE OVEN OR OVEN/MICROWAVE OVEN OR OVEN - VERIFY DIMENSIONS WITH MANUFACTURERS' SPECS
  7. BASE CABINETS - REFER TO INTERIOR ELEVATIONS
  8. UPPER CABINETS - REFER TO INTERIOR ELEVATIONS
  9. ISLAND CABINET - REFER TO INTERIOR ELEVATIONS
  10. MIN. 12" BAR TOP/ BREAKFAST BAR
  11. 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
  17. PRE-FAB. TUB/SHOWER COMBO W/ FIBERGLASS MAINSCOT TO T2" - VERIFY DIMENSIONS W/ MANUF'S SPECS
  18. OVAL TUB - VERIFY DIMENSIONS WITH MANUF'S SPECS.
  19. PRE-FAB. SHOWER PAN W/ 30" MIN. CLR. INSIDE & MAINSCOT TO T2" - VERIFY DIMENSIONS W/ MANUF'S SPECS
  20. SHATTERPROOF (TEMPERED) GLASS SHOWER ENCLOSURE.
  21. TOWEL BAR - PROVIDE 2x SOLID BLK'S IN WALL
  22. TOILET PAPER HOLDER - PROVIDE 2x SOLID BLK'S IN WALL
  23. RESERVED
  24. WASHER & DRYER: - PROVIDE WATER & WASTE FOR WASHER - RECESS WASHER CONTROL VALVES IN WALL - VENT DRYER TO OUTSIDE AIR - ACCOMMODATE APPLIANCES TO BE LOCATED WASHER AT LEFT AND DRYER AT RIGHT.
  25. 12" 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 TS/AD-4)
  28. RESERVED
  29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  30. FAUJ. LOCATION (REFER TO DETAIL 88/AD5)
  31. RESERVED
  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 DETAILS/AD4)
  37. WARDROBE W/ SHELF & POLE (REFER TO DETAILS/AD4)
  38. 22"x30" MIN. ATTIC ACCESS 25"x54" FULL DOWN LADDER R.O. ATTIC ACCESS TO BE PROTECTED
  39. LINE OF WALL BELOW
  40. DUCT CHASE
  41. LINE OF FLOOR ABOVE
  42. LINE OF FLOOR BELOW
  43. LINE OF OPTIONAL TRAY CEILING (REFER TO DETAIL 42/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. 10" TREAD & MAX. T 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
  51. LOW WALL - REFER TO PLAN FOR HEIGHT
  52. 2x6 STUD WALL
  53. 2x6 BALLOON FRAMED WALL PER STRUCTURAL
  54. DEL. 2x4 WALL PER PLAN
  55. INTERIOR SHELF-SEE PLAN FOR HT.
  56. MEDIA NICHE
  57. FLAT SOFFIT - SEE ELEV. FOR HST.
  58. ARCHED SOFFIT - SEE ELEV. FOR HST.
  59. WINDOW SEAT
  60. OPT. DOOR/ WINDOW
  61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) PYLON 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 CEILING & WALLS @ USEABLE SPACE UNDER STAIR.
  65. GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAN 1/2" GYP. BD. @ GARAGE SIDE WALLS & 5/8" UNDER LIVING AREA U.N.O.
  66. OPT. MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL 86/AD5)
  67. 5/8" TYPE-X GYP. IN GARAGE BETWEEN CEILING & FLOOR ABOVE
  68. P.T. POST W/ WRAP
  69. CONCRETE STOOPT. SIZE PER PLAN SLOPE 1/4" PER FT. MIN.
  70. EGRESS WINDOW
  71. PROVIDE ADDITIONAL RISER(S) AT OPTIONAL PLATE HT.
  72. MDF TOP
  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 1/4" PER FT. MIN. SEE PLAN FOR SIZE.
  78. RESERVED
  79. SLOPING LOW WALL 38" ABOVE ADJACENT TREADS
  80. 20 MIN. FIRE-RATED DOOR



### INTERIOR KEY

#### PLATE NOTES

##### 8'-1" PLATE NOTES

- WINDOW HEADER HEIGHT: 6'-8" U.N.O.
- 2nd FLOOR WINDOW HDR. HEIGHT: 7'-0" U.N.O.
- ENTRY DOOR HEIGHT: 6'-8" U.N.O.
- SLIDING GLASS DOOR HEIGHT: 6'-8" (TEMP.)
- INTERIOR SOFFIT HEIGHT: 7'-4" U.N.O.
- TRAY CEILING: 7'-8" INTO TRUSS U.N.O.
- INTERIOR DOOR HEIGHT: 6'-8" U.N.O.

##### 9'-1" PLATE NOTES

- WINDOW HEADER HEIGHT 1st FL.: 8'-0" U.N.O.
- WINDOW HEADER HEIGHT 2nd FL.: 7'-8" U.N.O.
- 4010 WINDOW OVER TUB HDR. HGT.: 8'-4" U.N.O.
- ENTRY DOOR HEIGHT: 6'-8" U.N.O.
- SLIDING GLASS DOOR HEIGHT: 6'-8" (TEMP.)
- INTERIOR SOFFIT HEIGHT: 8'-0" U.N.O.
- TRAY CEILING: 7" RISE INTO TRUSS U.N.O.
- INTERIOR DOOR HEIGHT: 6'-8" U.N.O.

#### GENERAL PLAN NOTES

- ALL CEILING HEIGHTS PER SECTION AND ELEVATION PLATE HEIGHTS, U.N.O.
- ALL INTERIOR DOORS TO BE HOLLOW CORE 1 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 1 3/4" THICK (REFER TO PLAN FOR SIZE).
- ALL FLOOR MATERIAL CHANGES TO OCCUR AT CENTER OF DOOR JAMBES, U.N.O.

#### STAIR DATA NOTES

- FIRST FLOOR WITH 8" PLATE HEIGHT: 14" DEEP T.J.I. FLOOR JOISTS WITH 3/4" T&G DECKING. 14 TREADS AT 10" EACH 15 RISERS AT 7-1/16" EACH
- FIRST FLOOR WITH 9" PLATE HEIGHT: 14" DEEP T.J.I. FLOOR JOISTS WITH 3/4" T&G DECKING. 15 TREADS AT 10" EACH 16 RISERS AT 7-3/4" EACH

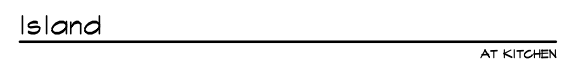
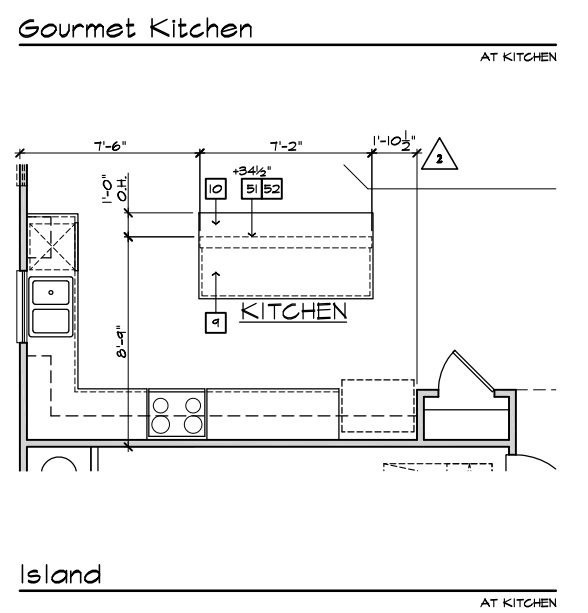
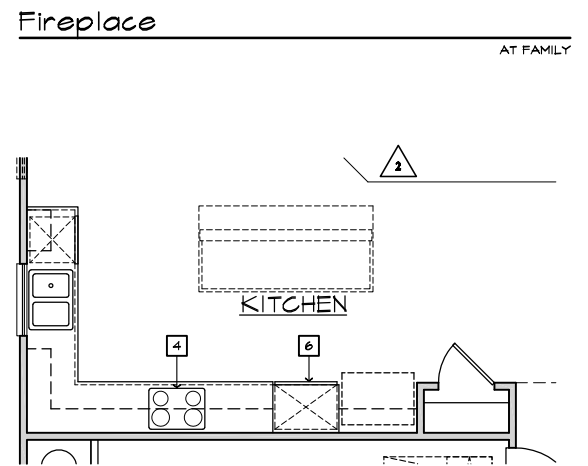
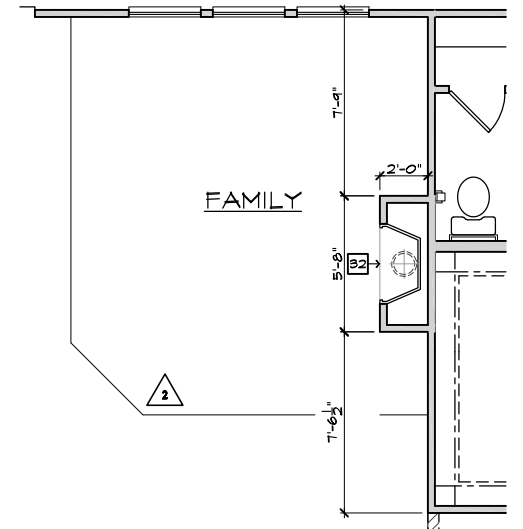
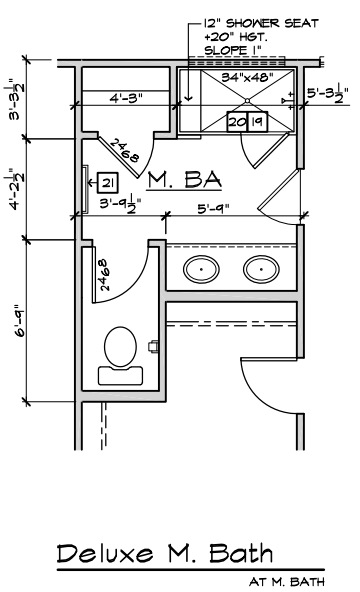
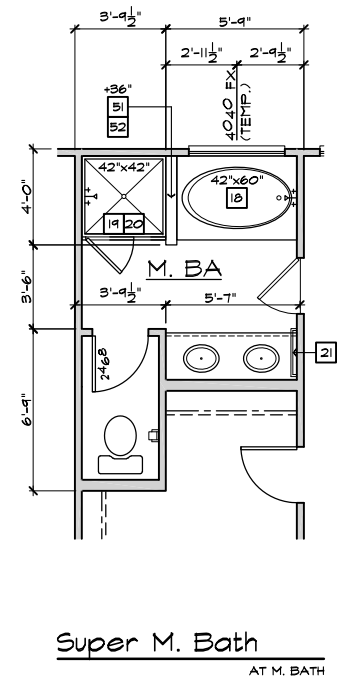
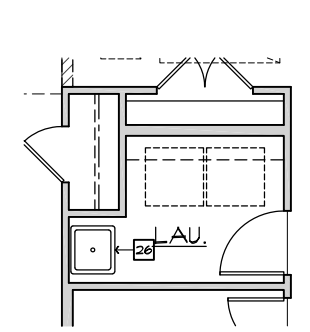
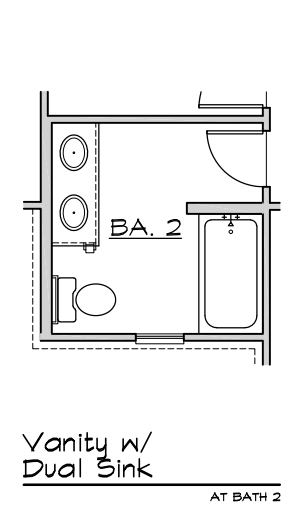
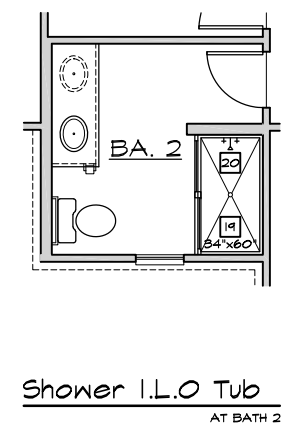
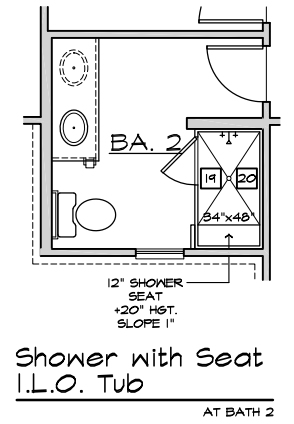
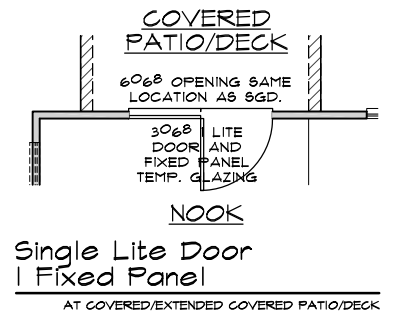
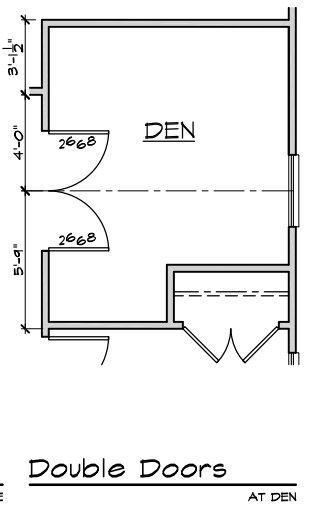
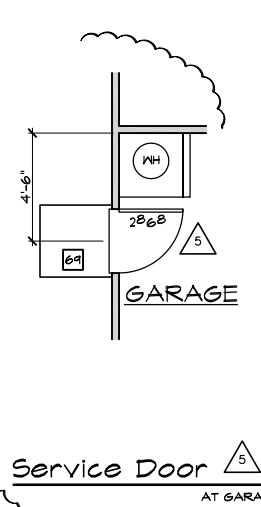
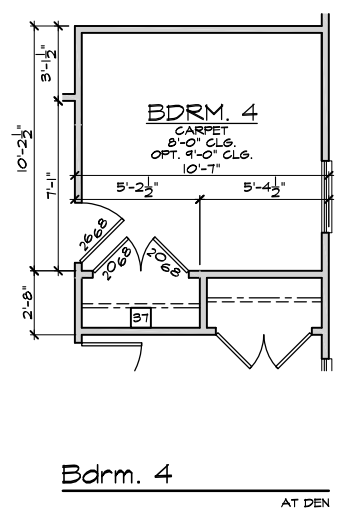
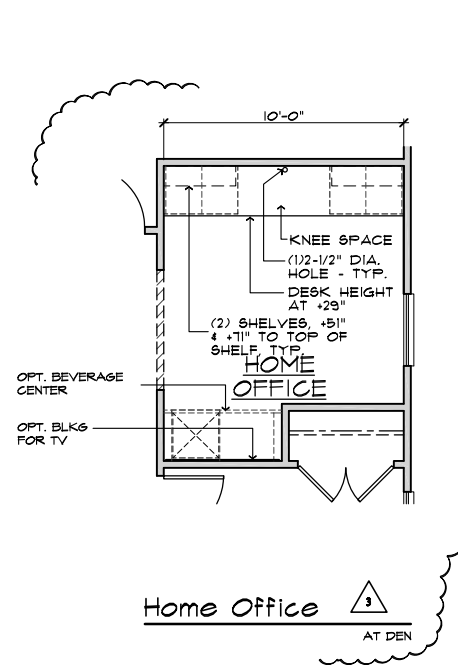
- NOTES:
1. NUMBER OF STAIRS DETERMINED BY GRADE CONDITION
  2. GUARDRAIL REQUIRED W/ 4 OR MORE RISERS

### FLOOR PLAN 'A' AT CRAWL SPACE ('B/C/D' SIMILAR)

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

BASIC PLAN

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- FLOOR PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
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  - 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
  - 30" COOKTOP W/ BUILT-IN VENTED HOOD W/ LIGHT & FAN VERIFY WITH MANUFRS' SPECS
  - 34" CLEAR REFRIGERATOR SPACE W/ OPTIONAL CABINETS ABOVE - OPT. PLUMBING FOR ICEMAKER (RECESSED IN WALL)
  - COMBINATION DOUBLE OVEN OR OVEN/MICROWAVE 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
  - MIN. 12" BAR TOP/ BREAKFAST BAR
  - DESK AREA - REFER TO INTERIOR ELEVATIONS
  - BUILT-IN PANTRY (15" DEEP OR U.N.O.)
  - SINK CABINET(S) - REFER TO INTERIOR ELEVATIONS
  - SINK CABINET W/ EXTENDED VANITY & KNEE SPACE BELOW - REFER TO INTERIOR ELEVATIONS
  - OPT. SINK - REFER TO INTERIOR ELEVATIONS.
  - KNEE SPACE - REFER TO INTERIOR ELEVATIONS
  - PRE-FAB. TUB/SHOWER COMBO W/ FIBERGLASS MAINSCOT TO T2 - VERIFY DIMENSIONS W/ MANUF'S SPECS
  - OVAL TUB - VERIFY DIMENSIONS WITH MANUF'S SPECS.
  - PRE-FAB. SHOWER PAN W/ 30" MIN. CLR. INSIDE & MAINSCOT TO T2 - VERIFY DIMENSIONS W/ MANUF'S SPECS
  - SHATTERPROOF (TEMPERED) GLASS SHOWER ENCLOSURE.
  - TOWEL BAR - PROVIDE 2x SOLID BLK'S IN WALL
  - TOILET PAPER HOLDER - PROVIDE 2x SOLID BLK'S IN WALL
  - RESERVED
  - WASHER & DRYER: - PROVIDE WATER & WASTE FOR WASHER - RECESS WASHER CONTROL VALVES IN WALL - VENT DRYER TO OUTSIDE AIR - ACCOMMODATE APPLIANCE TO BE LOCATED WASHER AT LEFT AND DRYER AT RIGHT.
  - 12" SHELF PER SPECS
  - OPT. LAUNDRY SINK - REFER TO INTERIOR ELEV'S
  - WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN. (REFER TO TS/AD-4)
  - RESERVED
  - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  - FAU LOCATION (REFER TO DETAIL 88/AD5)
  - RESERVED
  - LISTED FACTORY-BUILT GAS FIRED DEC. APPLIANCE (REF. 80/AD4) - INSTALL PER MFR. SPECS
  - HEARTH TO BE INSTALLED PER FACTORY-BUILT FIREPLACE LISTING
  - GAS APPLIANCE B' VENT FROM BELOW
  - LINE PER SPECS (15" DEEP OR U.N.O.)
  - COAT CLOSET W/ SHELF & POLE (REFER TO DETAILS/AD4)
  - WARDROBE W/ SHELF & POLE (REFER TO DETAILS/AD4)
  - 22"x30" MIN. ATTIC ACCESS
  - 25"x54" FULL DOWN LADDER R.O. ATTIC ACCESS TO BE PROTECTED
  - LINE OF WALL BELOW
  - DUCT CHASE
  - LINE OF FLOOR ABOVE
  - LINE OF FLOOR BELOW
  - LINE OF OPTIONAL TRAY CEILING (REFER TO DETAIL 42/AD5)
  - LINE OF HIP AT OPTIONAL VOLUME CEILING
  - LINE OF RIDGE AT OPTIONAL VOLUME CEILING
  - CEILING BREAK
  - STAIR TREADS & RISERS - MIN. 10" TREAD & MAX. 7 3/4" RISER - (REFER TO DETAIL 81-82/AD5)
  - MIN. 36" HIGH GUARDWALL (REFER TO DET. 83/AD5 & 85/AD5)
  - 34" TO 36" HIGH HANDRAIL (REFER TO DETAIL 83/AD5)
  - A/C PAD LOCATION
  - LOW WALL - REFER TO PLAN FOR HEIGHT
  - 2x6 STUD WALL
  - 2x6 BALLOON FRAMED WALL PER STRUCTURAL
  - DEL. 2x4 WALL PER PLAN
  - INTERIOR SHELF-SEE PLAN FOR HT.
  - MEDIA NICHE
  - FLAT SOFFIT - SEE ELEV. FOR HST.
  - ARCHED SOFFIT - SEE ELEV. FOR HST.
  - WINDOW SEAT
  - OPT. DOOR/ WINDOW
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) PYLON OR EQ. SURROUNDING STRUCTURAL POST.
  - BRICK / STONE VENEER - REFER TO ELEVATIONS VENEER TO COMPLY WITH THE N.C.-R.
  - SECTIONAL GARAGE DOOR PER SPECS
  - 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 THAN 1/2" GYP. BD. @ GARAGE SIDE WALLS & 5/8" UNDER LIVING AREA U.N.O.
  - OPT. MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL 86/AD5)
  - 5/8" TYPE-X GYP. IN GARAGE BETWEEN CEILING & FLOOR ABV.
  - P.T. POST W/ WRAP
  - CONCRETE STOOP, SIZE PER PLAN
  - SLOPE 1/4" PER FT. MIN.
  - EGRESS WINDOW
  - PROVIDE ADDITIONAL RISER(S) AT OPTIONAL PLATE HT.
  - MDF TOP
  - PLUMBING DROP FROM ABOVE
  - ADJUST OPENING AT OPTION TO FIT THE DOOR SIZE SHOWN
  - WINDOW LEDGE, HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - CONCRETE SLAB, SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE.
  - RESERVED
  - SLOPING LOW WALL 38" ABOVE ADJACENT TREADS
  - 20 MIN. FIRE-RATED DOOR



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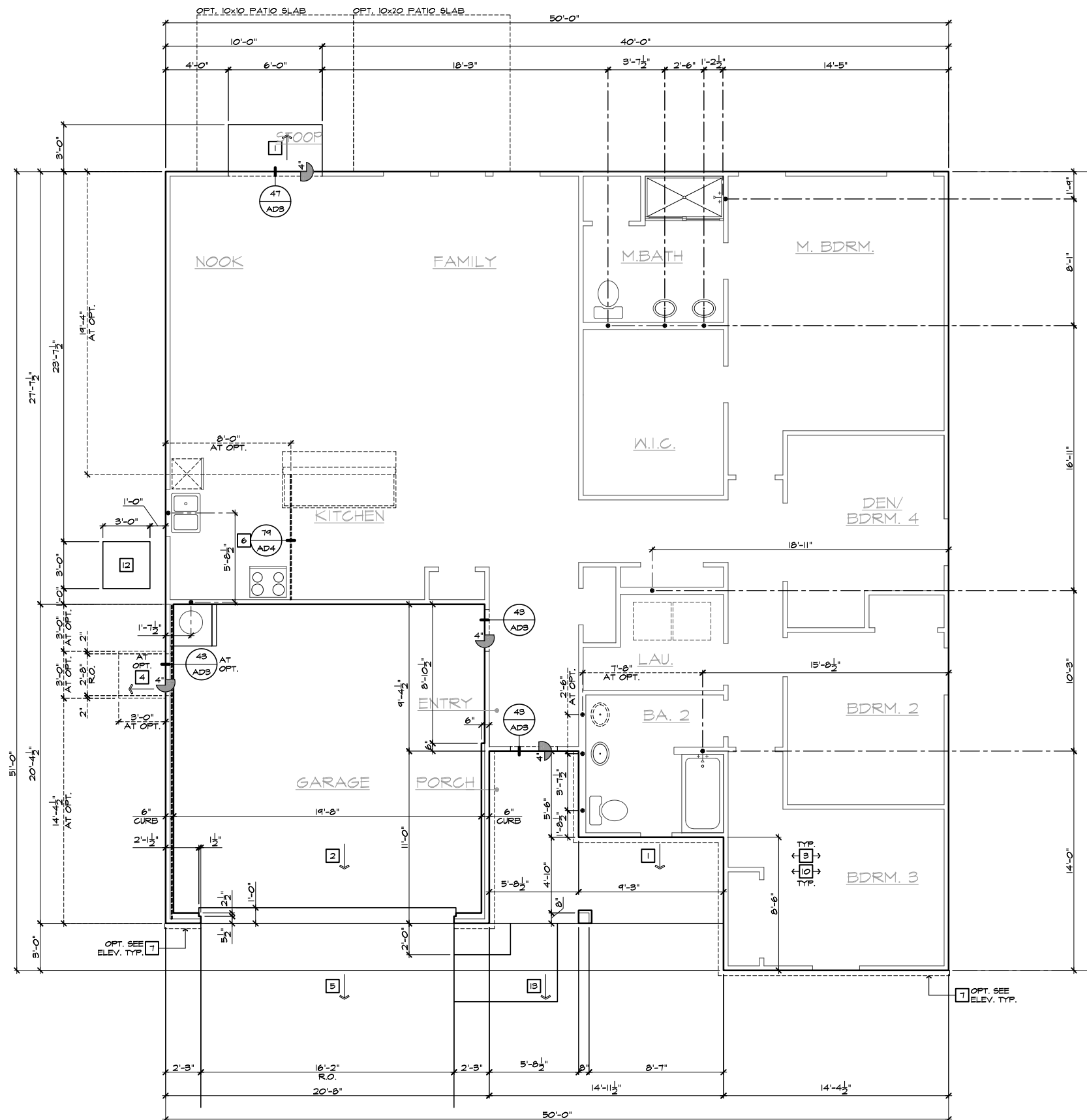
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  - ADD NOTE TO T5 NC20037NCP - 10/06/20 - KBA
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SHEET: 13

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- # SLAB PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. 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 OPENINGS.
  3. CONCRETE FOUNDATION PER STRUCTURAL.
  4. CONCRETE STOOP, 36"x36" STANDARD SLOPE 1/4" PER FT. MIN.
  5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENINGS.
  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.
  9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
  10. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.
  11. 4" MIN. Ø 1/4" MAX. TO HARD SURFACE.
  12. A/C PAD. VERIFY LOCATION.
  13. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.



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 SHEET: 2.1

**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

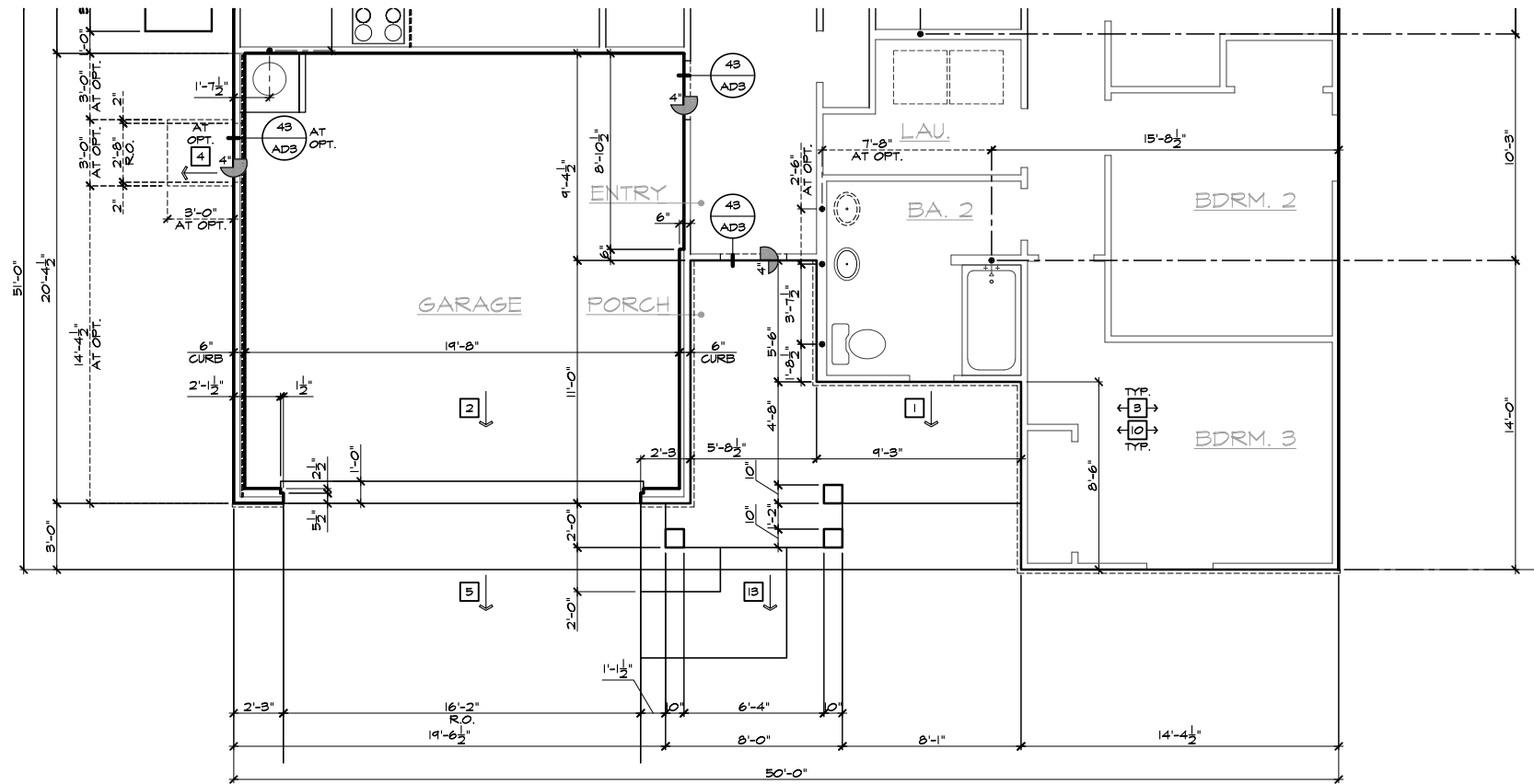
SLAB INTERFACE PLAN 'A'

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

BASIC PLAN AT SLAB-ON-GRADE

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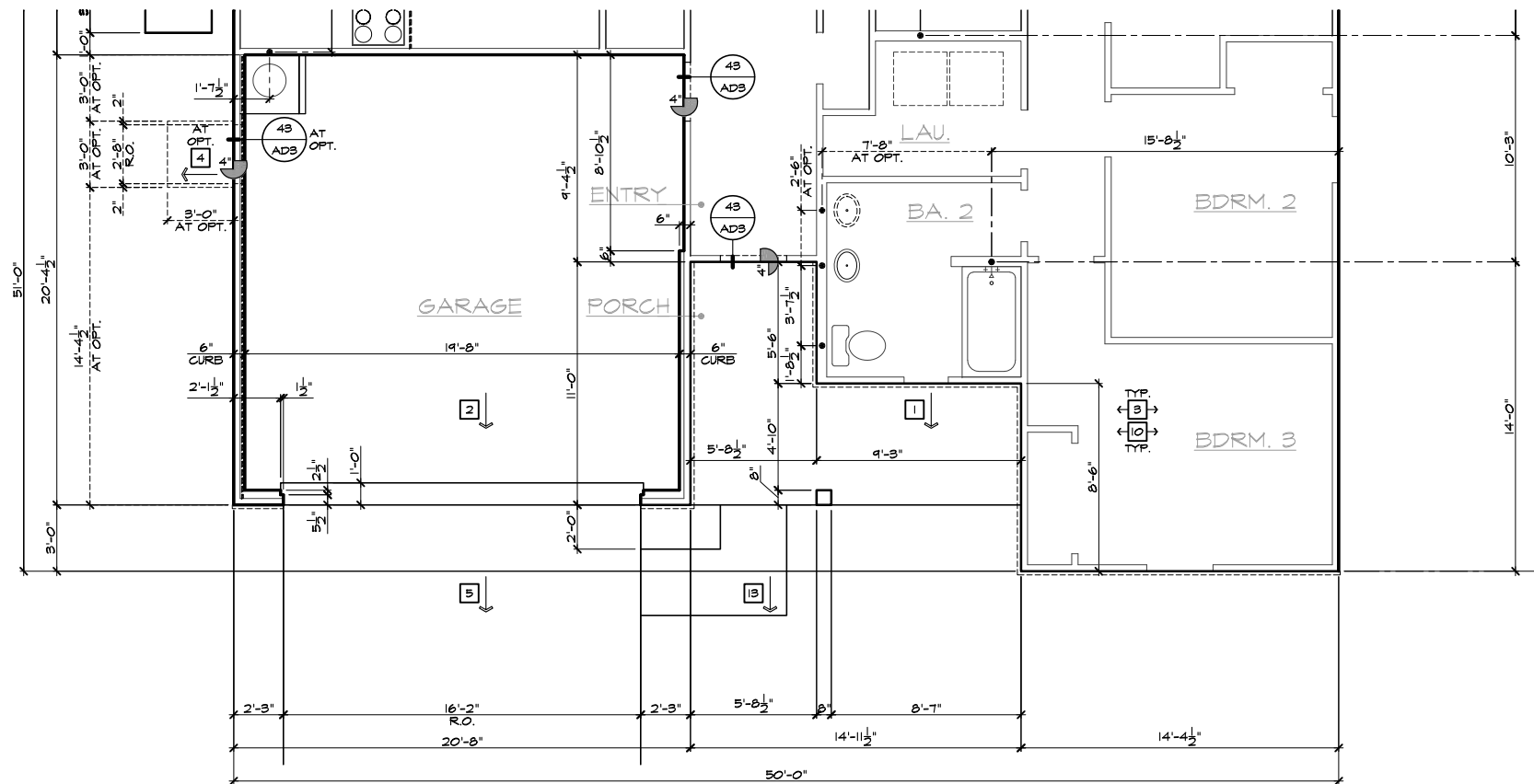




PARTIAL SLAB INTERFACE PLAN 'C'

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

BASIC PLAN AT SLAB-ON-GRADE



PARTIAL SLAB INTERFACE PLAN 'B'

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

BASIC PLAN AT SLAB-ON-GRADE

- # SLAB PLAN NOTES 208.16-2
- NOTE: NOT ALL KEY NOTES APPLY.
1. 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 OPENINGS.
  3. CONCRETE FOUNDATION PER STRUCTURAL.
  4. CONCRETE STOOP, 36"x36" STANDARD SLOPE 1/4" PER FT. MIN.
  5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENINGS.
  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.
  9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
  10. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.
  11. 4" MIN. @ 1/4" MAX. TO HARD SURFACE.
  12. A/C PAD. VERIFY LOCATION.
  13. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.



**NORTH CAROLINA 50' SERIES**

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PLAN: 150.1910  
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**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

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- # SLAB PLAN NOTES** 208.16.0
- NOTE: NOT ALL KEY NOTES APPLY.
1. 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 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.
  9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
  10. VERIFY ALL PLUMBING STUB DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB.
  11. 4" MIN. Ø 1/4" MAX. TO HARD SURFACE.
  12. A/C PAD. VERIFY LOCATION.
  13. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.



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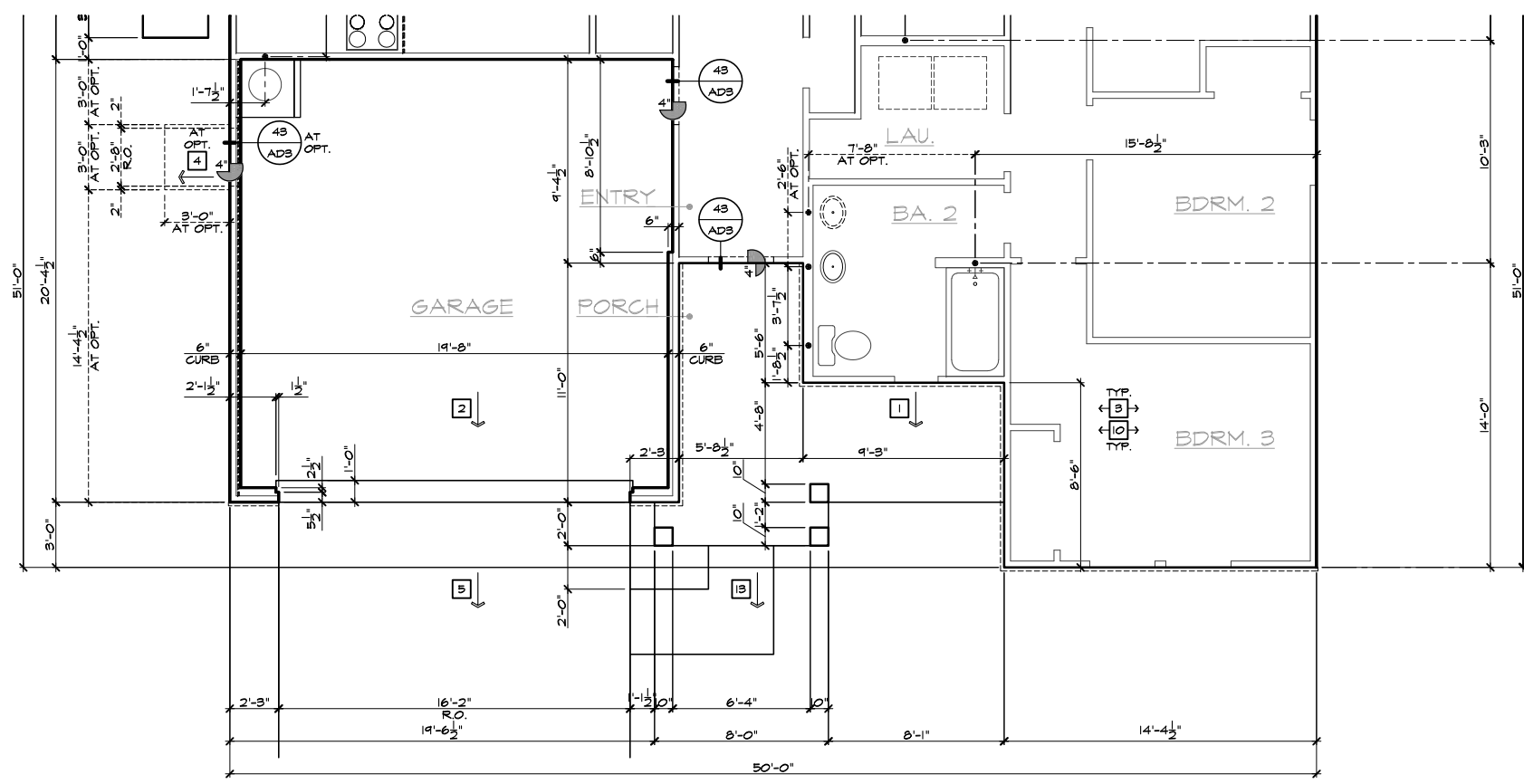
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PLAN:  
**150.1910**  
SHEET:  
**2.3**

**SPEC. LEVEL 1  
RALEIGH-DURHAM  
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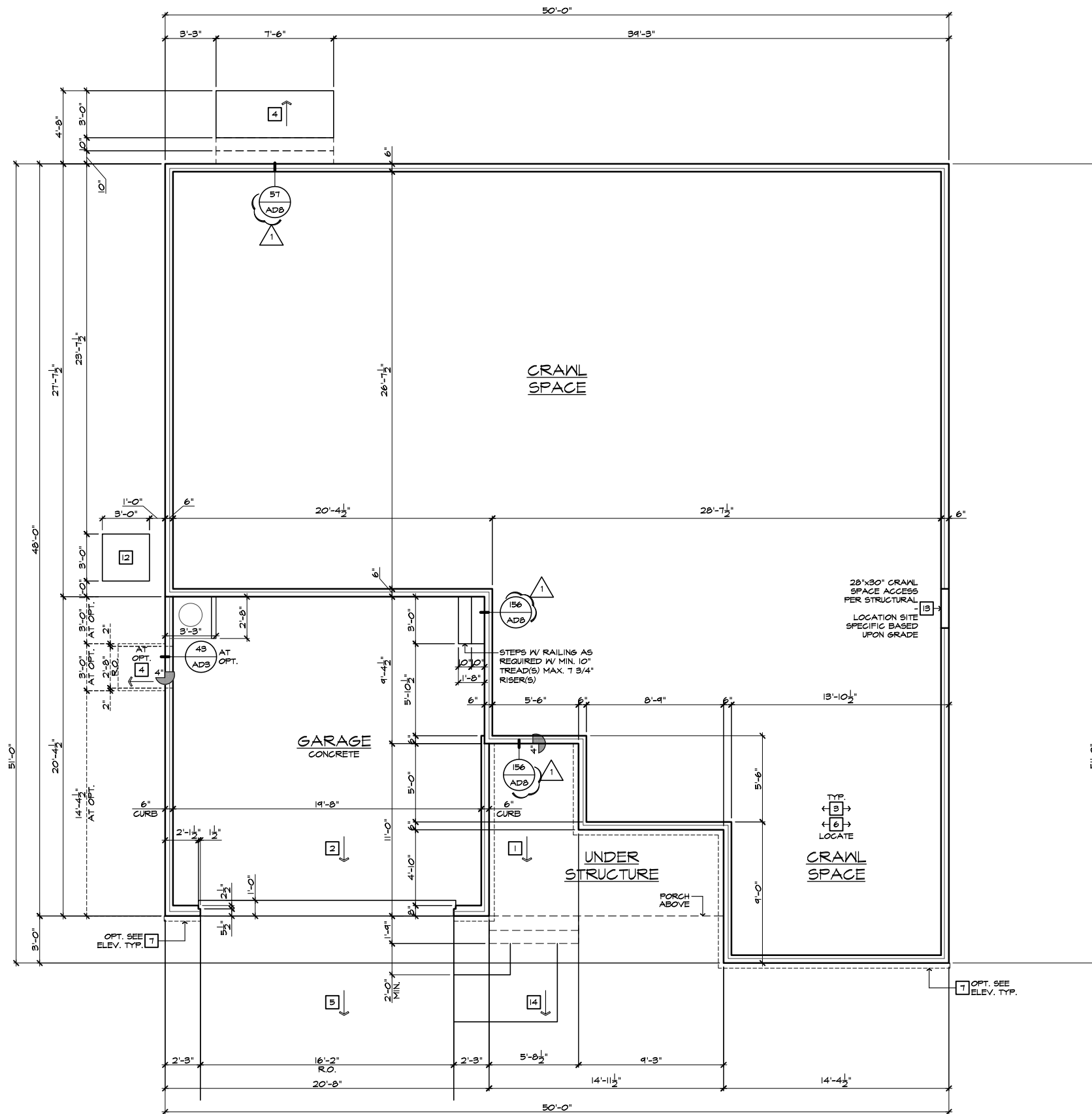


**PARTIAL SLAB INTERFACE PLAN 'D'**

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

BASIC PLAN AT SLAB-ON-GRADE

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CRAWL SPACE PLAN 'A'

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

BASIC PLAN AT OPTIONAL CRAWL SPACE

# FOUNDATION PLAN NOTES	
NOTE: NOT ALL KEY NOTES APPLY.	
1.	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.	FOUNDATION PER STRUCTURAL.
4.	STAIR LANDING: 36"x36" MIN.
5.	CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
6.	PROVIDE UNDER FLOOR VENTILATION
7.	4" TOE KICK FOR MASONRY VENEER.
8.	3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
9.	REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
10.	VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL.
11.	4" MIN. 7 3/4" MAX. TO HARD SURFACE.
12.	A/C PAD. VERIFY LOCATION.
13.	CRAWL SPACE ACCESS
14.	36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.
<b>UNDER FLOOR VENTING AREA</b>	
UNDER FLOOR AREA SHALL COMPLY WITH NCRC 2018	
UNDER FLOOR AREA CALCULATION =	1410 SQ. FT. / 150 12.75 SQ. FT.
REQUIRED AREA	X 144 = 1888 SQ. IN.
VENTILATION PROVIDED:	
(16) FOUNDATION VENTS	105 SQ. IN. = 1840 SQ. IN.
NOTE: CRAWLSPACE VENT TO BE LOCATED WITHIN 5'-0" OF THE CORNER OF THE STEM WALL.	



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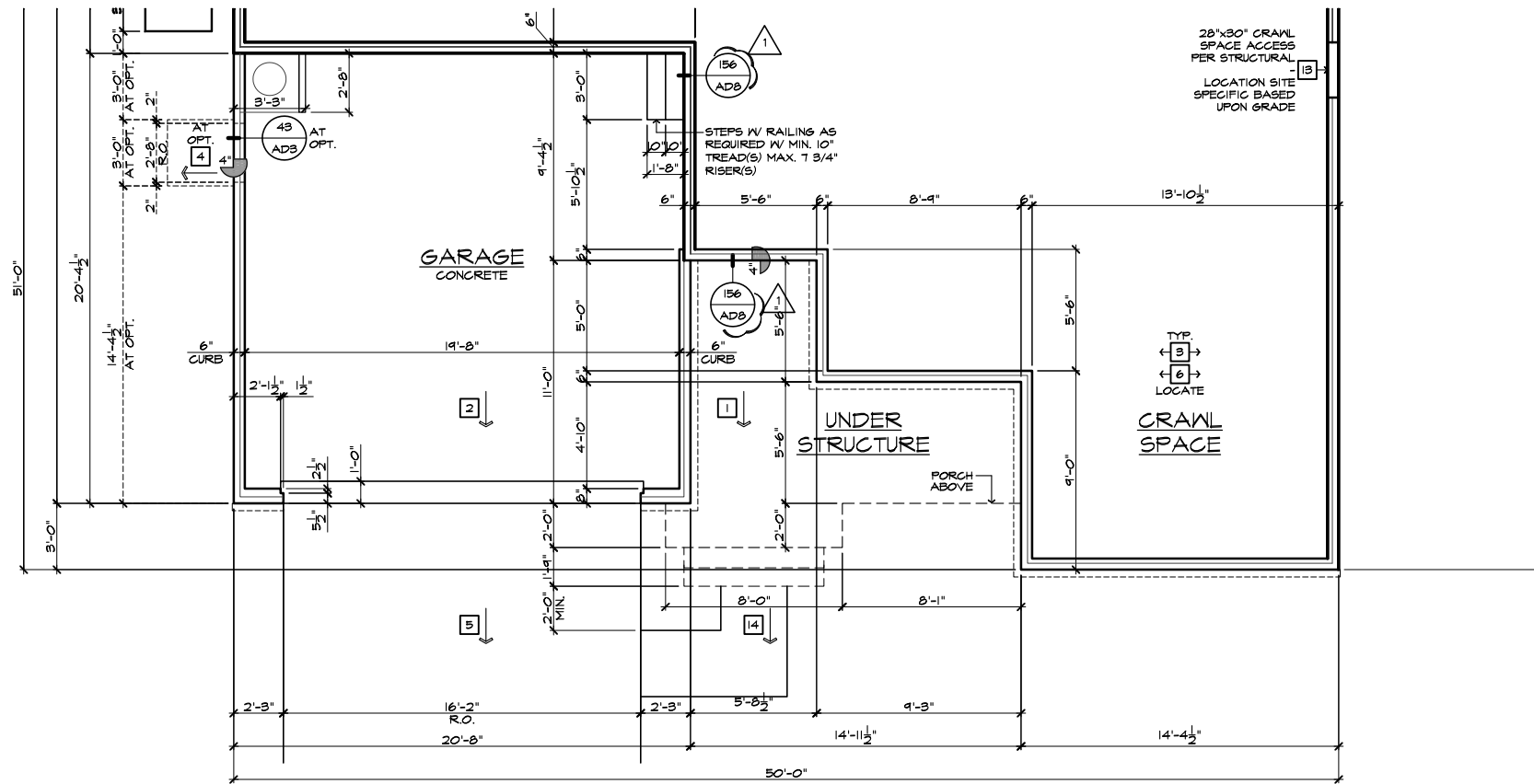
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PLAN: 150.1910  
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**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

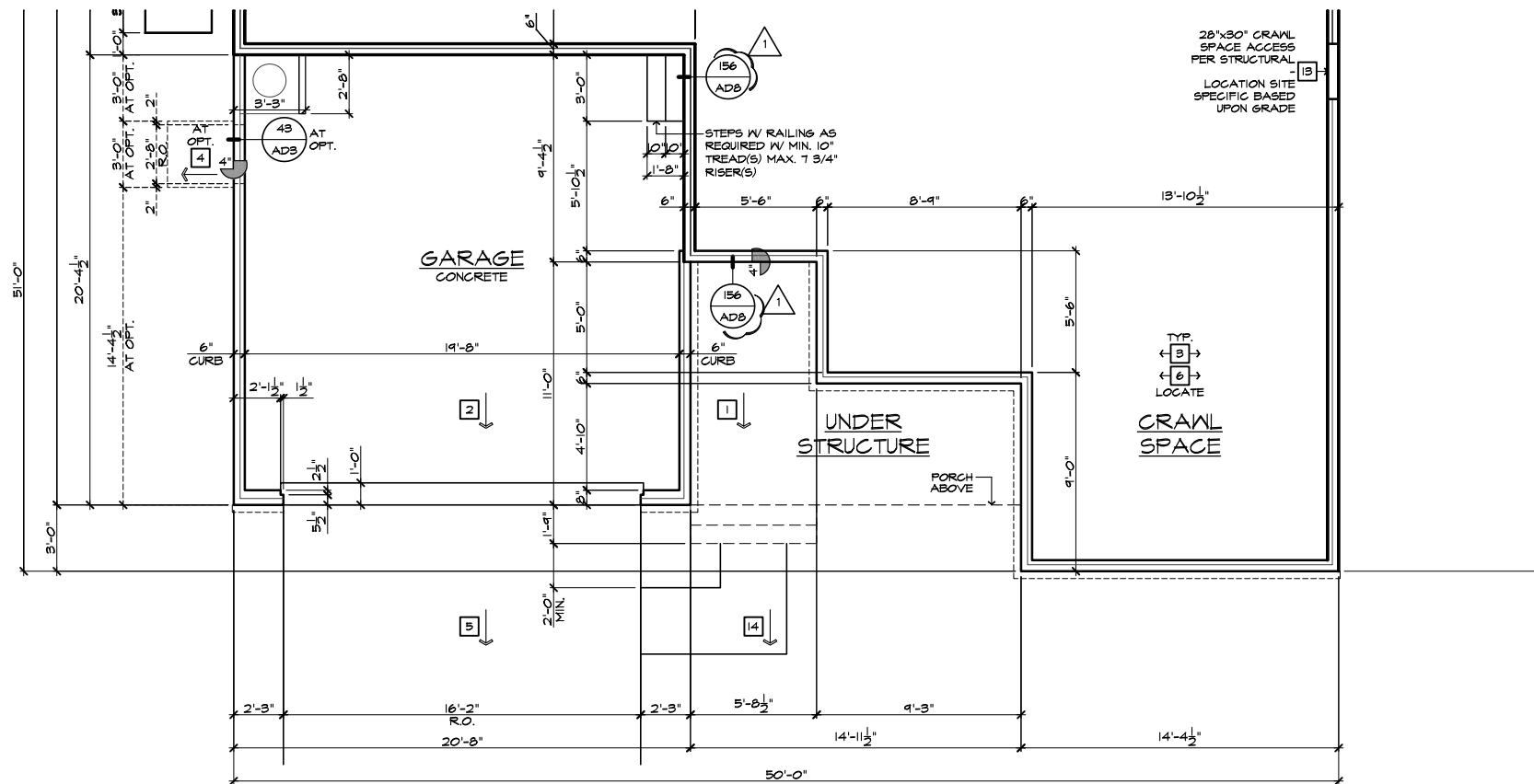
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PARTIAL CRAWL SPACE PLAN 'C'

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

BASIC PLAN AT OPTIONAL CRAWL SPACE

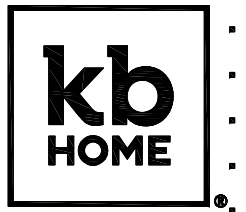


PARTIAL CRAWL SPACE PLAN 'B'

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

BASIC PLAN AT OPTIONAL CRAWL SPACE

- # FOUNDATION PLAN NOTES
- NOTE: NOT ALL KEY NOTES APPLY.
1. 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. FOUNDATION PER STRUCTURAL.
  4. STAIR LANDING: 36"x36" MIN.
  5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
  6. PROVIDE UNDER FLOOR VENTILATION
  7. 4" TOE KICK FOR MASONRY VENEER.
  8. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
  9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
  10. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL.
  11. 4" MIN. 7 3/4" MAX. TO HARD SURFACE.
  12. A/C PAD. VERIFY LOCATION.
  13. CRAWL SPACE ACCESS
  14. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.



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SUITE 180  
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SPEC. LEVEL 1  
RALEIGH-DURHAM 50' SERIES

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- # FOUNDATION PLAN NOTES 2018.16.4
- NOTE: NOT ALL KEY NOTES APPLY.
1. 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. FOUNDATION PER STRUCTURAL.
  4. STAIR LANDING: 36"x36" MIN.
  5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
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  9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
  10. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL.
  11. 4" MIN. 7 3/4" MAX. TO HARD SURFACE.
  12. A/C PAD. VERIFY LOCATION.
  13. CRAWL SPACE ACCESS
  14. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.



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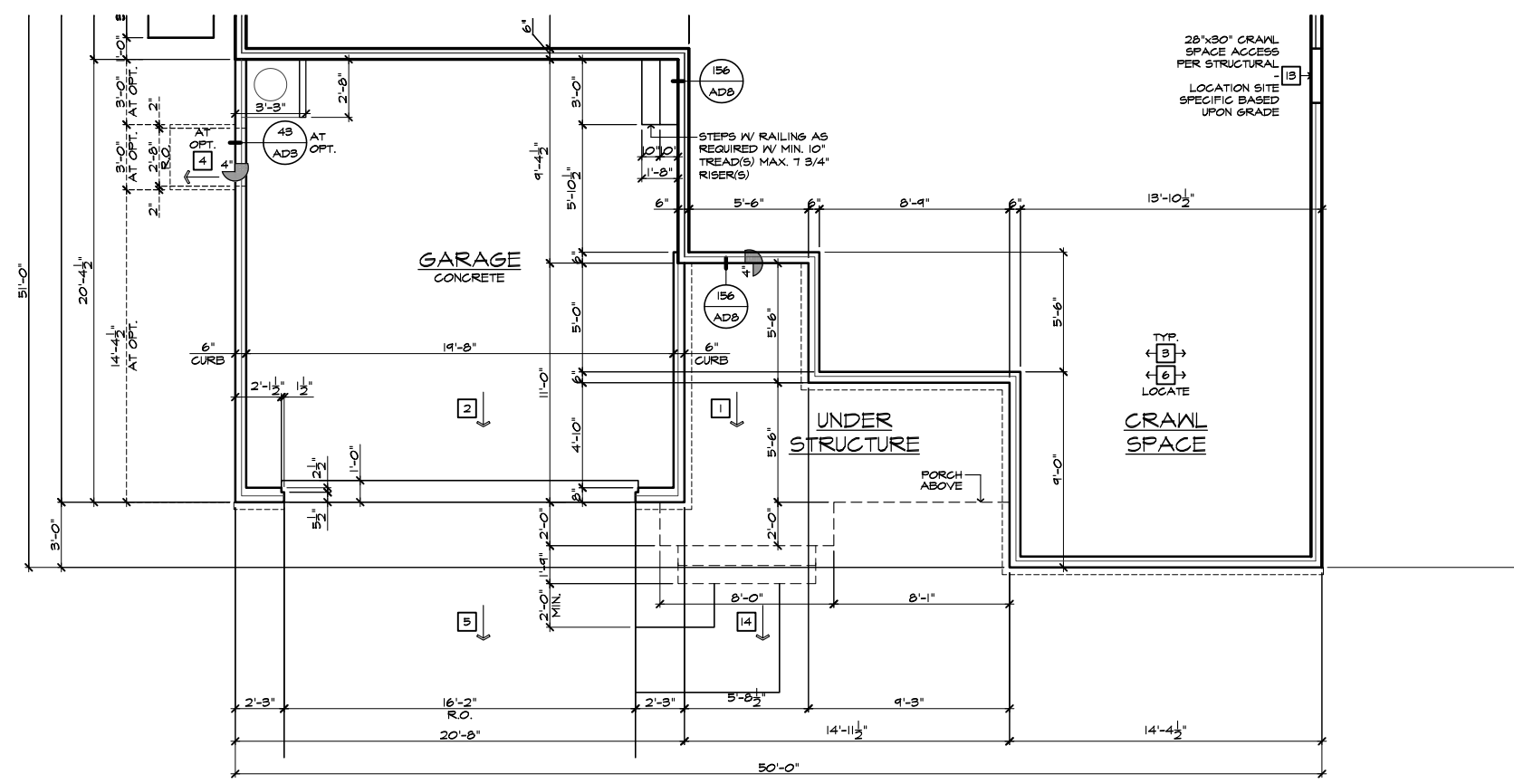
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**SPEC. LEVEL 1  
RALEIGH-DURHAM  
50' SERIES**

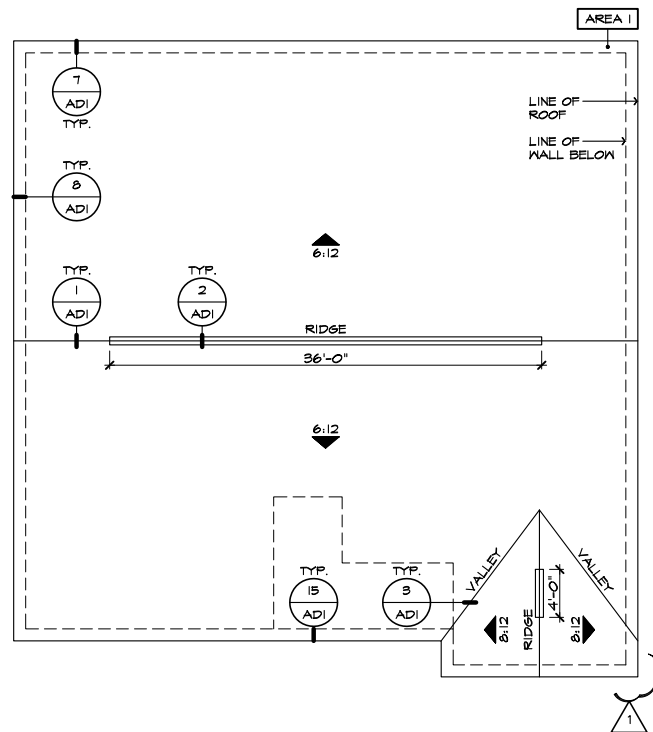


PARTIAL CRAWL SPACE PLAN 'D'

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

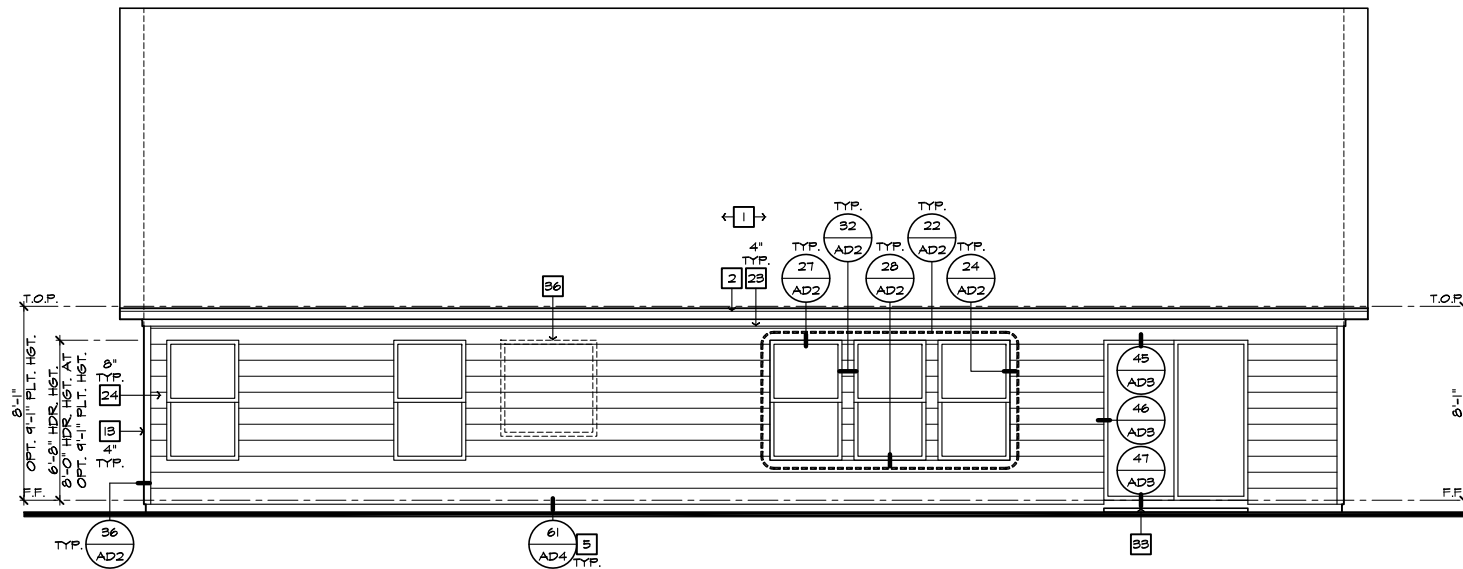
BASIC PLAN AT OPTIONAL CRAWL SPACE

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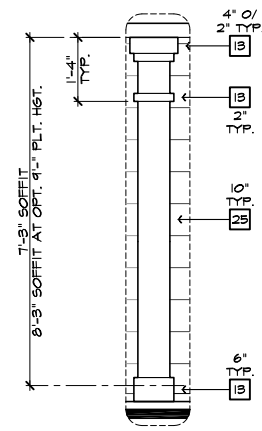
**ROOF PLAN 'A'**

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



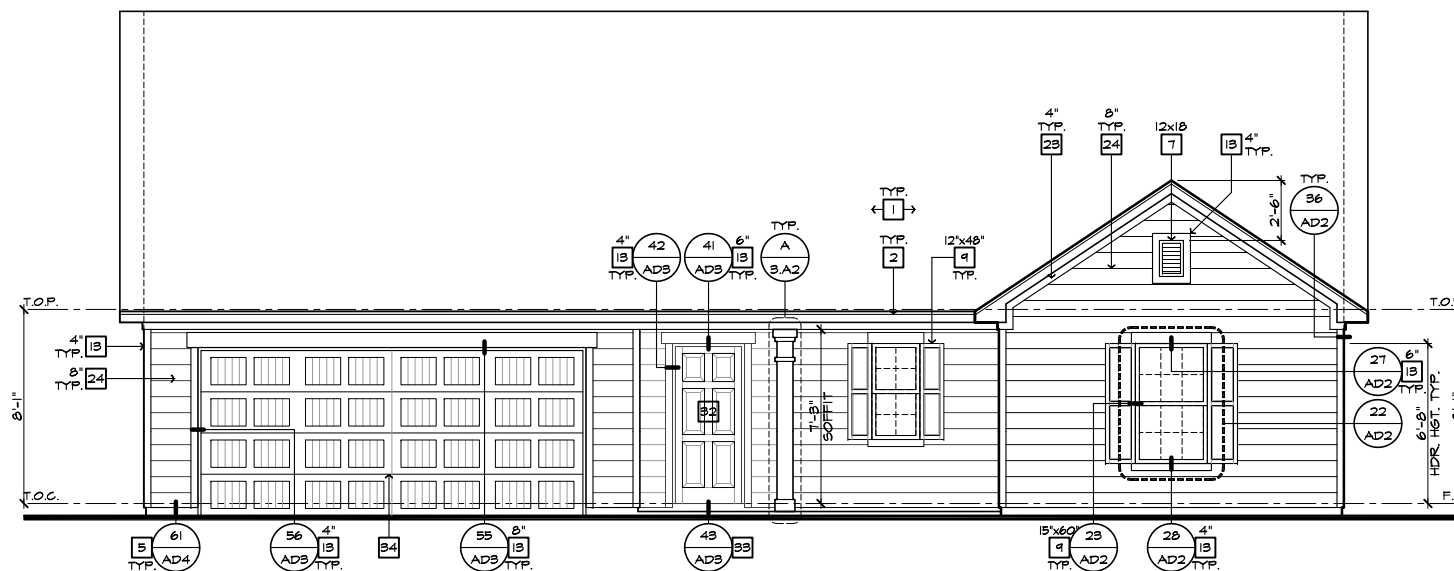
**REAR ELEVATION 'A'**

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



**DETAIL A**

SCALE 1/2"=1'-0"



**FRONT ELEVATION 'A'**

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

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:12 FLASHING
  4. 6:12 FLASHING & SADDLE/CRICKET
  5. 6:12 DRIP SCREED
  6. 24"x24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. ROWLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (+36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE

- ROOF PLAN NOTES 'A'**
- 6:12 INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
- ROOF MATERIAL: COMPOSITION SHINGLE  
 12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.  
 12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.  
 LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

**ATTIC VENT CALCULATIONS**

PROVIDE 1 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 1 / MAIN**

VENTILATION REQUIRED:	SQ. FT. / 300	8:14 SQ. FT. X 144 =	1178 SQ. IN.
ATTIC AREA = 2448			
		TOTAL HIGH & LOW =	1178 SQ. IN.
		x 50% =	586 SQ. IN.

VENTILATION PROVIDED:	SQ. IN. / LF.	SQ. IN. EA.
<b>HIGH</b>		
40 LF RIDGE VENT(S) AT	10 SQ. IN. / LF. =	720 SQ. IN.
0 ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
<b>SUB-TOTAL HIGH VENTILATION:</b>		720 SQ. IN.
<b>LOW</b>		
102 LF VENTILATED SOFFIT AT	6.9 SQ. IN. / LF. =	704 SQ. IN.
0 ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
<b>TOTAL VENTILATION PROVIDED:</b>		1424 SQ. IN.

**NOTES:**

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

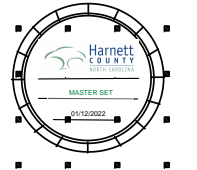
FRAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.

ALL VENTS SHALL BE INSTALLED SO AS TO MAKE THEM WATER-PROOF & WALL MOUNTED LOUVERS SHALL BE SEALED & FLASHED W/ "MOISTOP" IN THE SAME MANNER PRESCRIBED FOR WINDOW INSTALLATION.

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'-0" VERTICAL DISTANCE ABOVE EAVES.

WHEN GABLE END TRUSS MEMBERS BLOCK GABLE END VENTS, PROVIDE ADEQUATE ADDITIONAL VENTILATION BY MEANS OF ROOF TILE VENTS.



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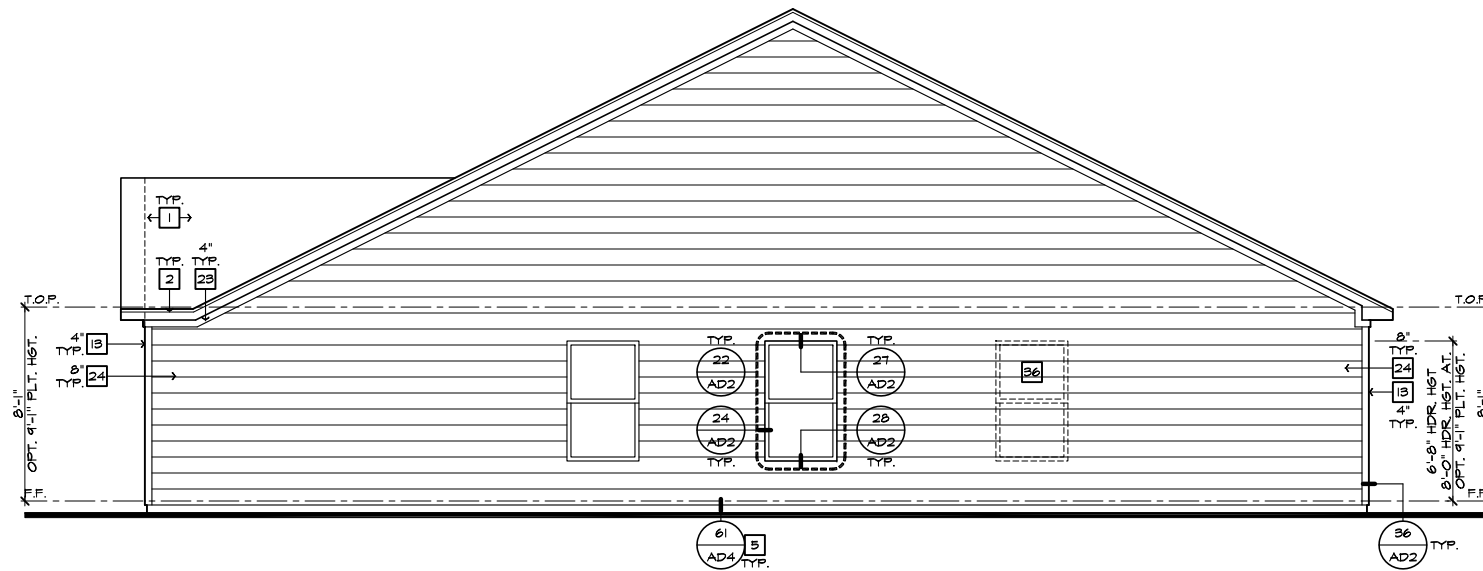
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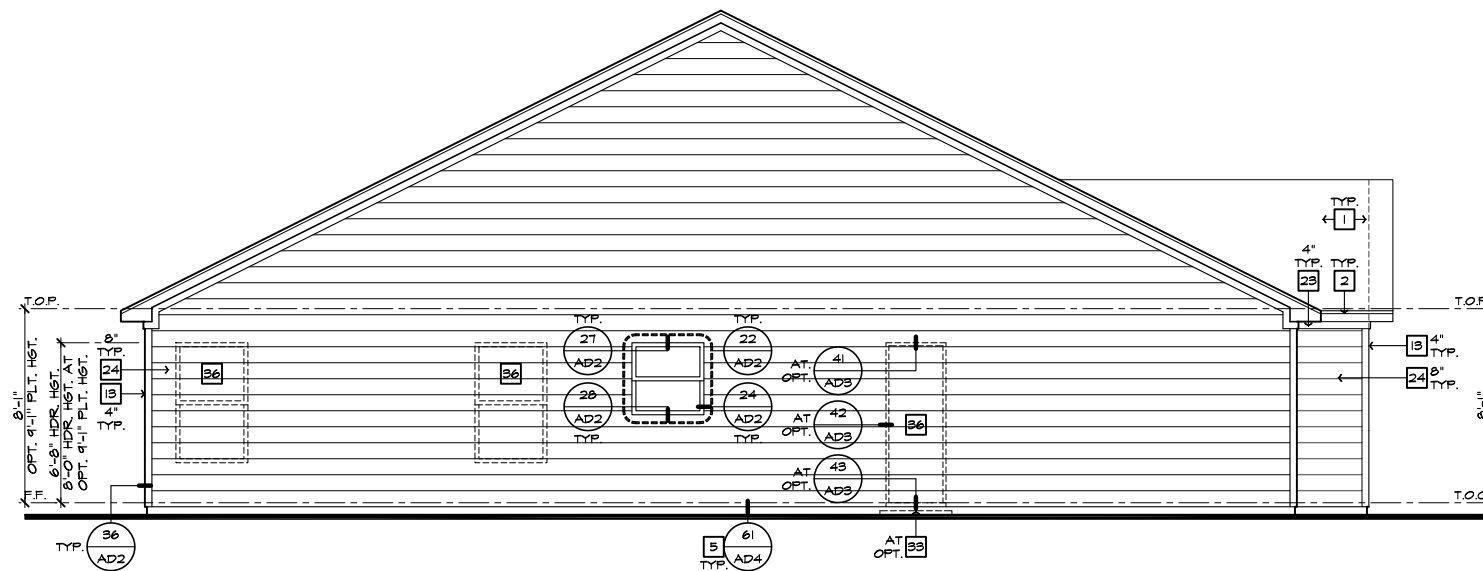
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**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

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



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

#	ELEVATION NOTES
<b>NOTE: NOT ALL KEY NOTES APPLY.</b>	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6:1 FLASHING
4.	6:1 FLASHING & SADDLE/CRICKET
5.	6:1 DRIP SCREED
6.	24"X24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM - SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	RONLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	RAILINGS (+36" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE



**NORTH CAROLINA  
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ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
DIVISION MGR.: MP  
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**1 VENTILATION**  
NC2008NCP/ 01/17/20 /KBA

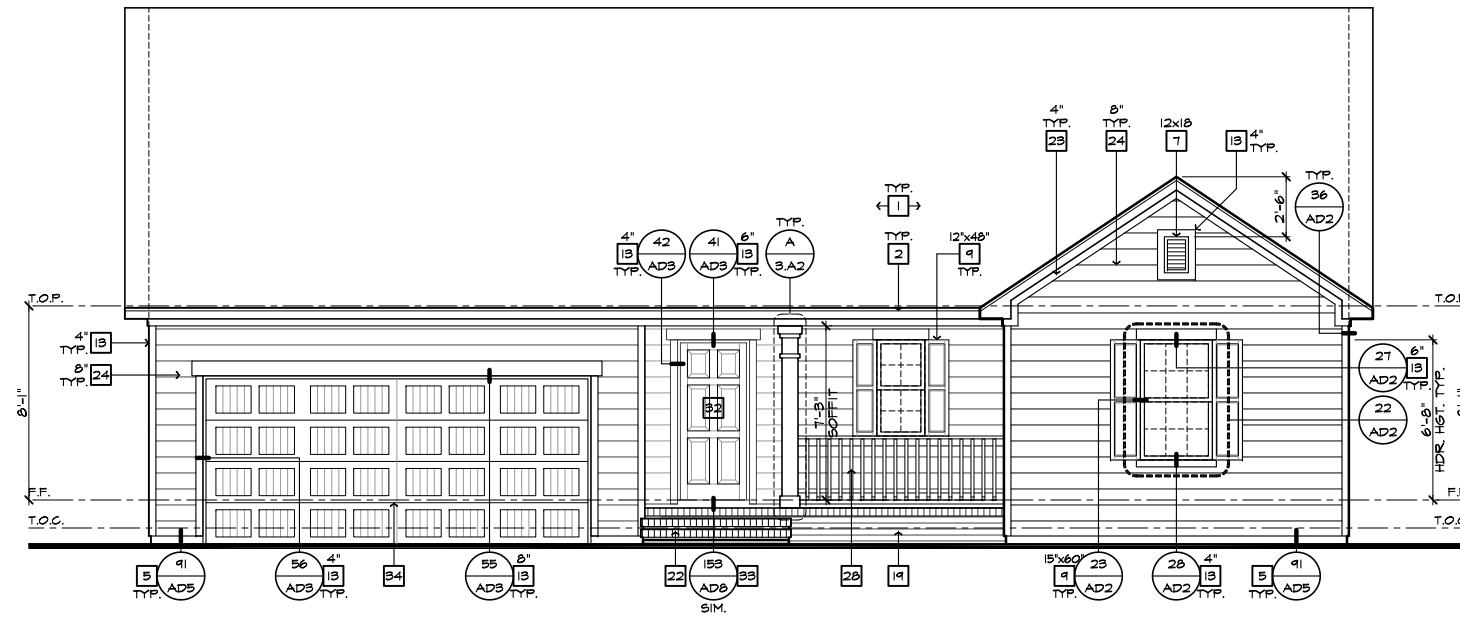
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PLAN:  
**150.1910**

SHEET:  
**3.A2**

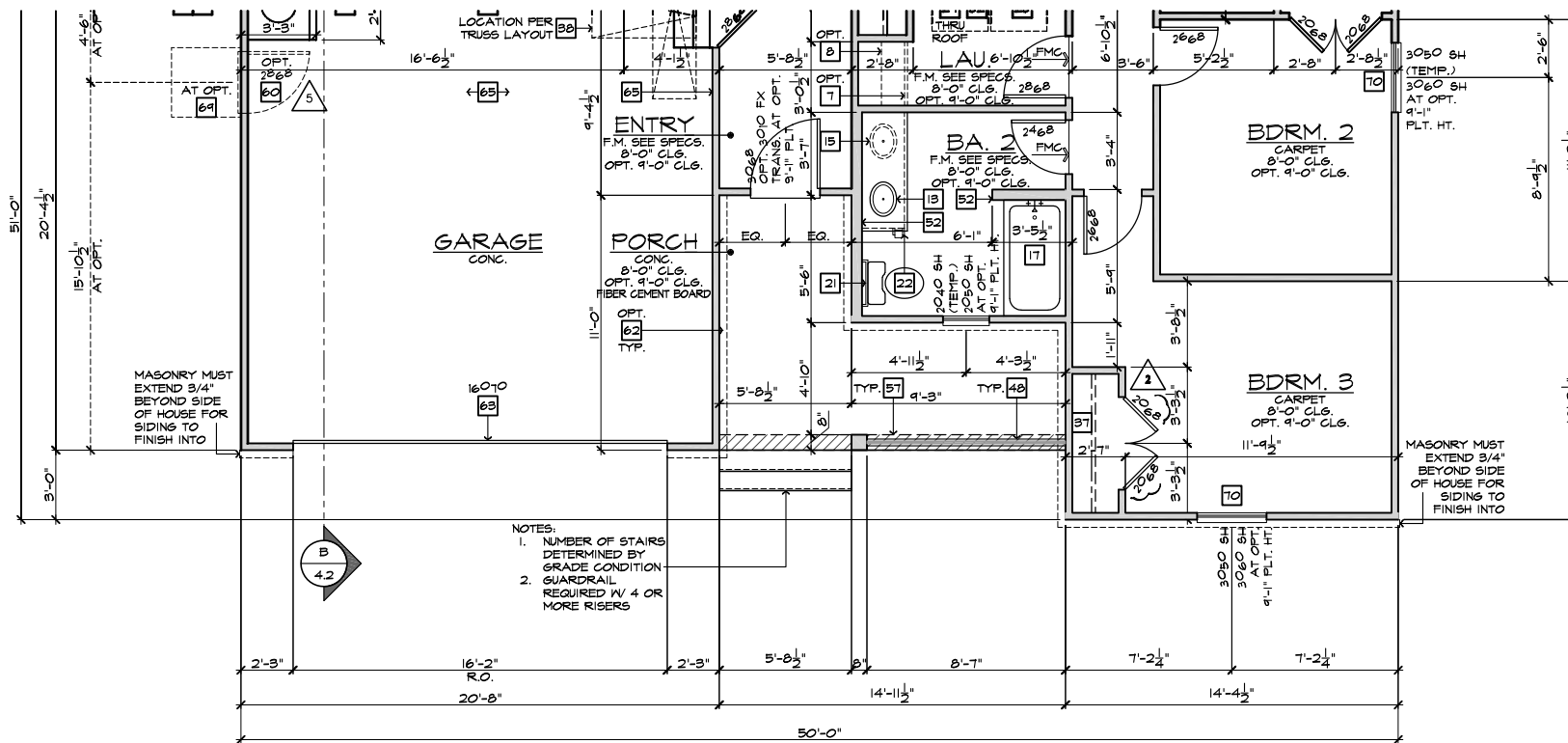
**SPEC. LEVEL 1  
RALEIGH-DURHAM  
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**FRONT ELEVATION 'A' AT CRAWL SPACE**

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



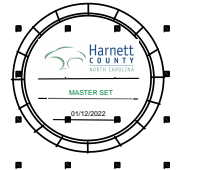
**PARTIAL FLOOR PLAN 'A' AT CRAWL SPACE**

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

BASIC PLAN

#	ELEVATION NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6.1. FLASHING
4.	6.1. FLASHING & SADDLE/CRICKET
5.	6.1. DRIP SCREED
6.	24"X24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	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
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.	RONLOCK COURSE
23.	FRIEZE BOARD
24.	FIBER-CEMENT SIDING PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
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 - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE

#	PARTIAL PLAN NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
27.	WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN (REFER TO DETAILS)
28.	WATER HEATER 'B' VENT TO OUTSIDE AIR
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
39.	LINE OF WALL BELOW
41.	LINE OF FLOOR ABOVE
42.	LINE OF FLOOR BELOW
43.	MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
49.	MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
51.	LOW MALL - REFER TO PLAN FOR HEIGHT
52.	2x6 STUD WALL
54.	DEL. 2x4 WALL PER PLAN
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
57.	FLAT SOFFIT
58.	ARCHED SOFFIT
60.	OPT. DOOR/WINDOW
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
62.	BRICK / STONE VENEER - REFER TO ELEVATIONS
63.	SECTIONAL GARAGE DOOR PER SPECS
66.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
68.	P.T. POST W/ WRAP.
75.	WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES U.N.O.
76.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
77.	CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE



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- 1 VENTILATION NC2008NCP/ 01/17/20 /KBA
  - 2 FRAMEWALK NC20019NCP/ 03-25-20 /KBA
  - 3 HOME OFFICE CORP20043CORP/ 07/31/20 /KBA
  - 4 ADD NOTE TO 'T' NC20037NCP - 10/06/20 - KBA
  - 5 GARAGE SERVICE DOOR NC21004NCP - 03/25/21 - KBA

PLAN: 150.1910  
SHEET: 3.A3

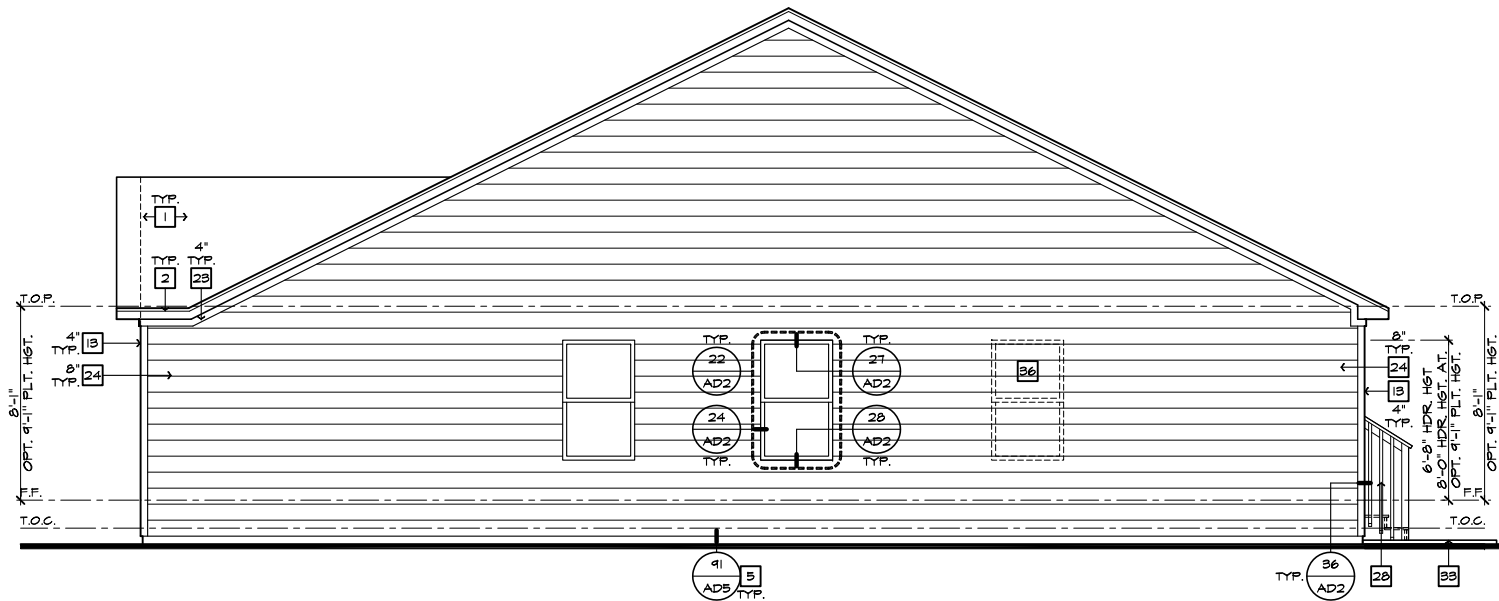
**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

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

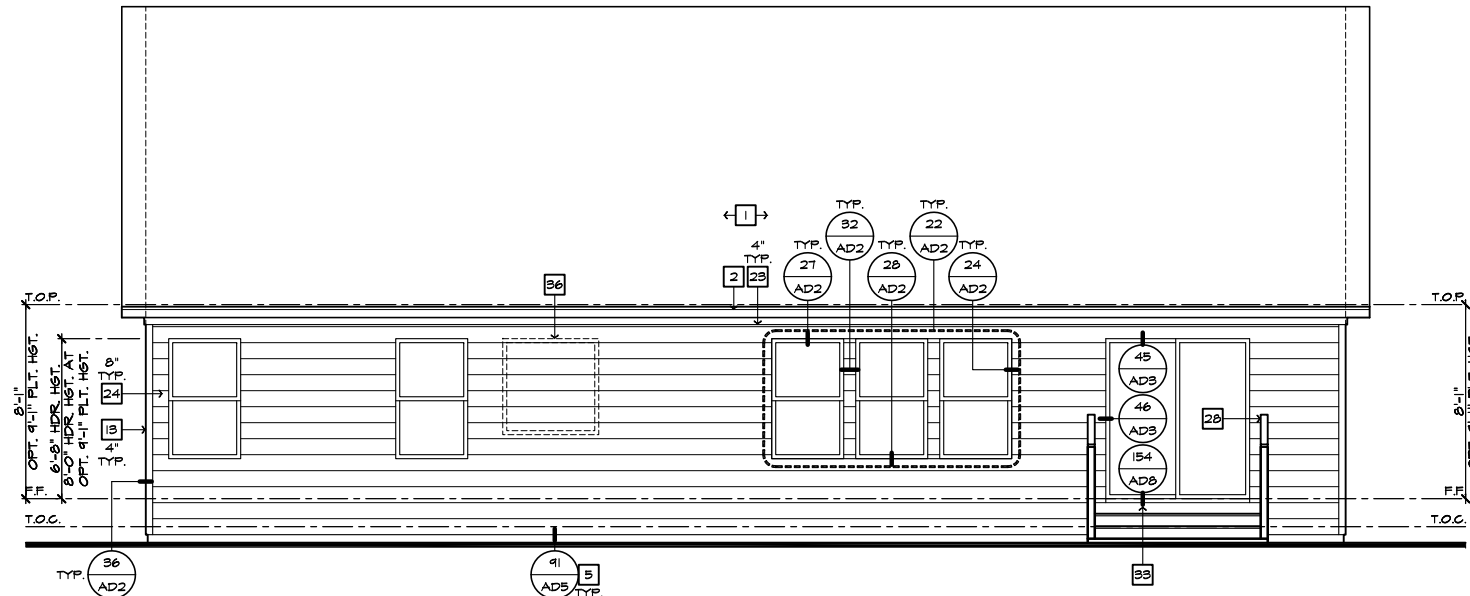
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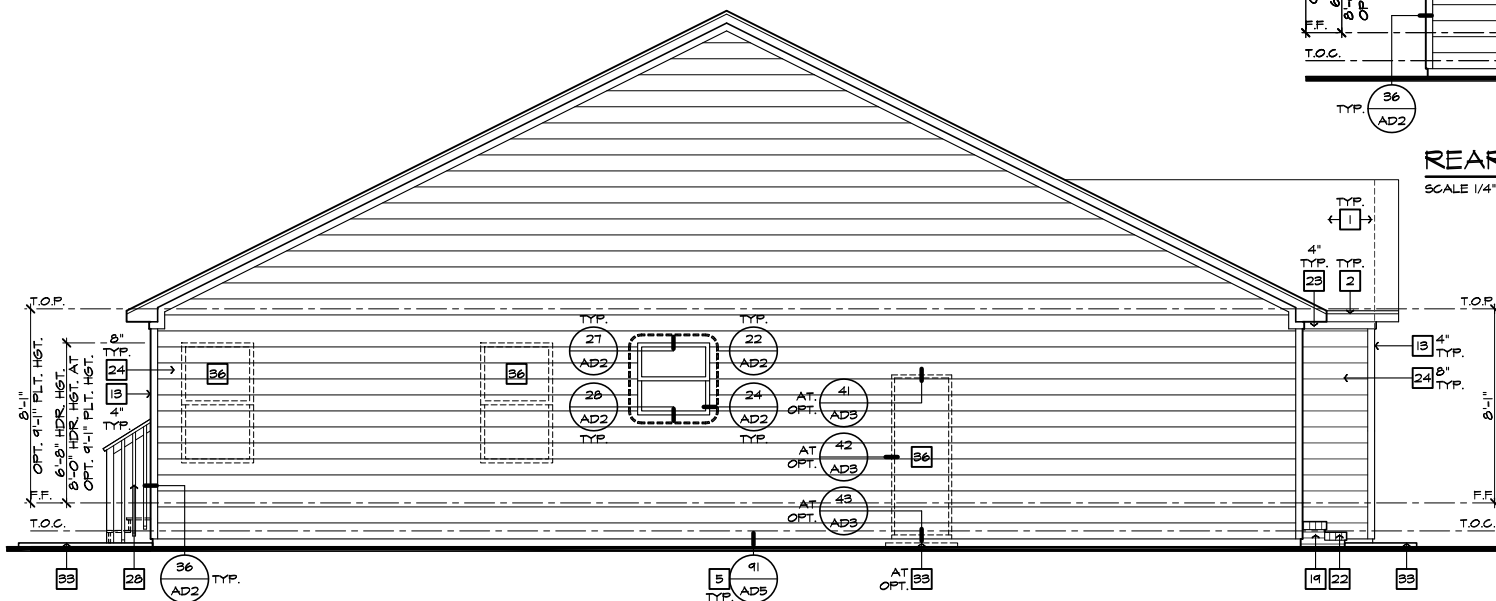
RIGHT ELEVATION 'A' AT CRAWL SPACE

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



REAR ELEVATION 'A' AT CRAWL SPACE

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



LEFT ELEVATION 'A' AT CRAWL SPACE

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

#	ELEVATION NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6.1. FLASHING
4.	6.1. FLASHING & SADDLE/CRICKET
5.	6.1. DRIP SCREED
6.	24"X24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM - SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	ROWLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	RAILINGS (+36" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE



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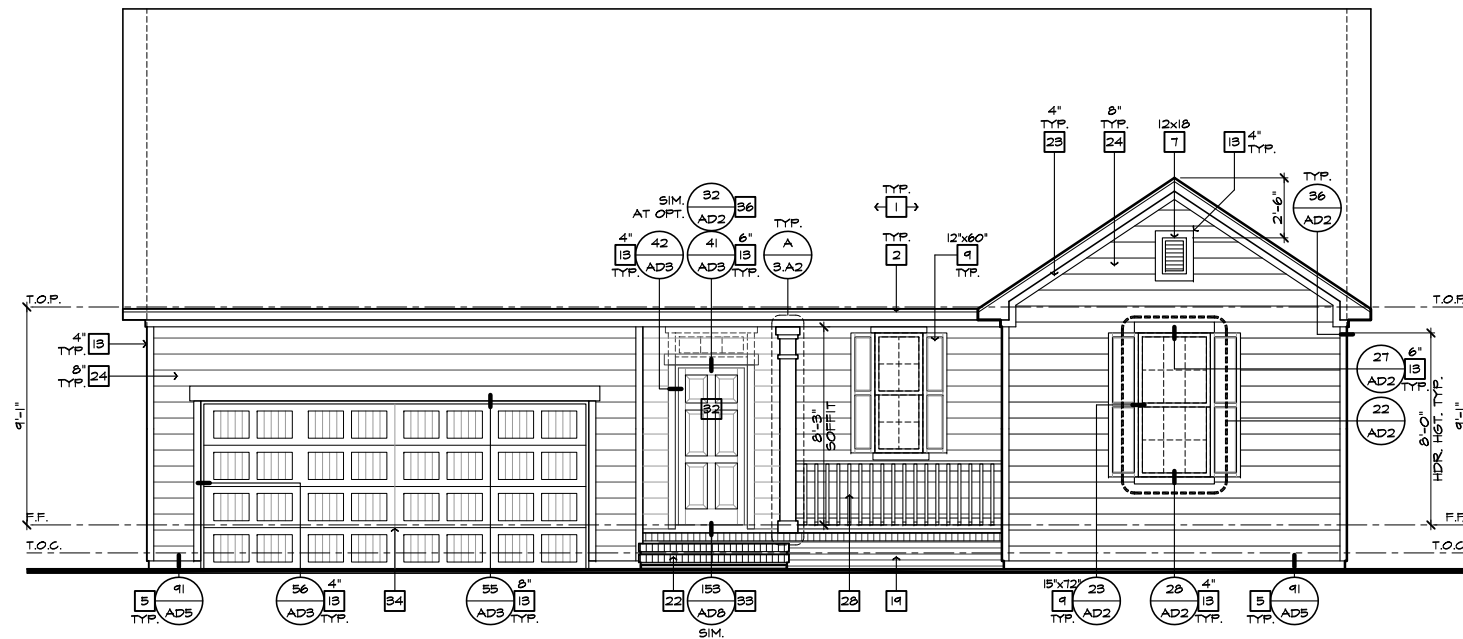
1 VENTILATION NC2008NCP/ 01/17/20 /KBA

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PLAN: 150.1910  
SHEET: 3.A4

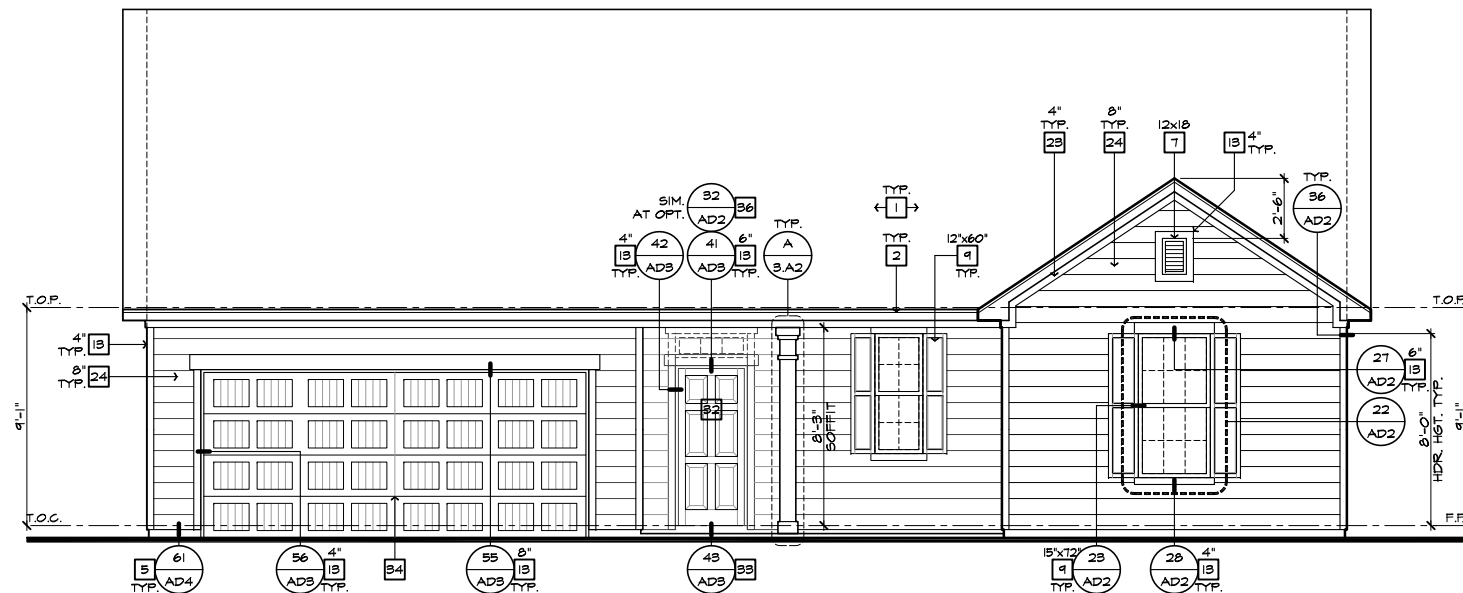
SPEC. LEVEL 1  
RALEIGH-DURHAM 50' SERIES

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FRONT ELEVATION 'A' W/ CRAWL SPACE  
AT OPTIONAL 9'-1" PLT. HGT.

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



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

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

- # ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6/1. FLASHING
  4. 6/1. FLASHING & SADDLE/CRICKET
  5. 6/1. DRIP SCREED
  6. 24"X24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. RAILLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (#36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE



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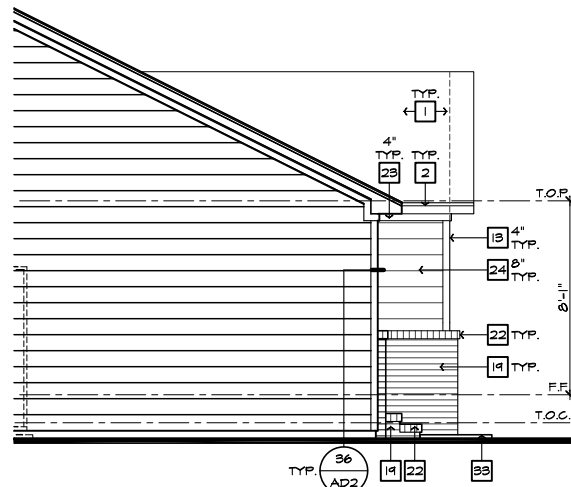
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SHEET:  
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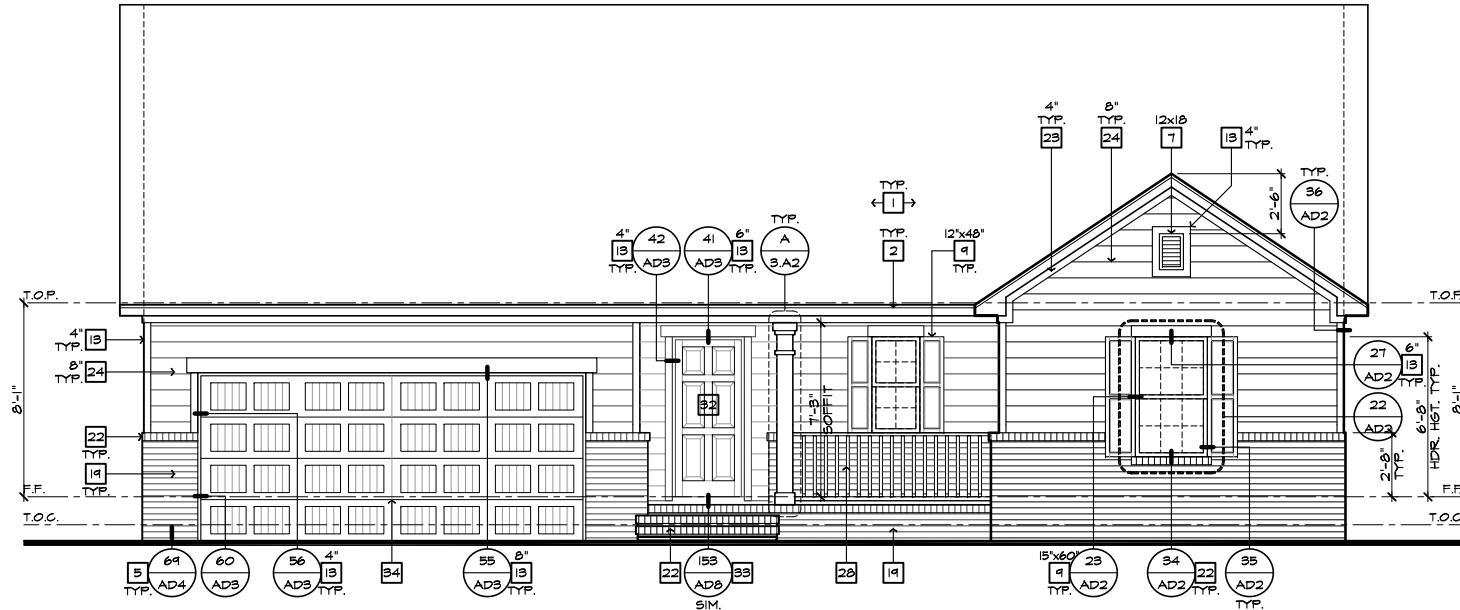
**SPEC. LEVEL 1  
RALEIGH-DURHAM  
50' SERIES**

NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE



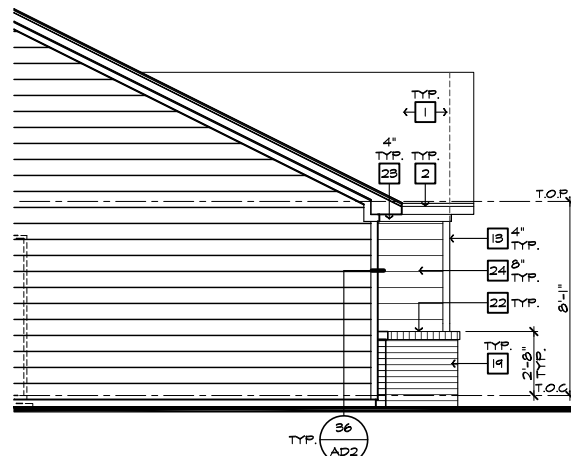
**PARTIAL LEFT ELEVATION 'A' W/ BRICK AT CRAWL SPACE**

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



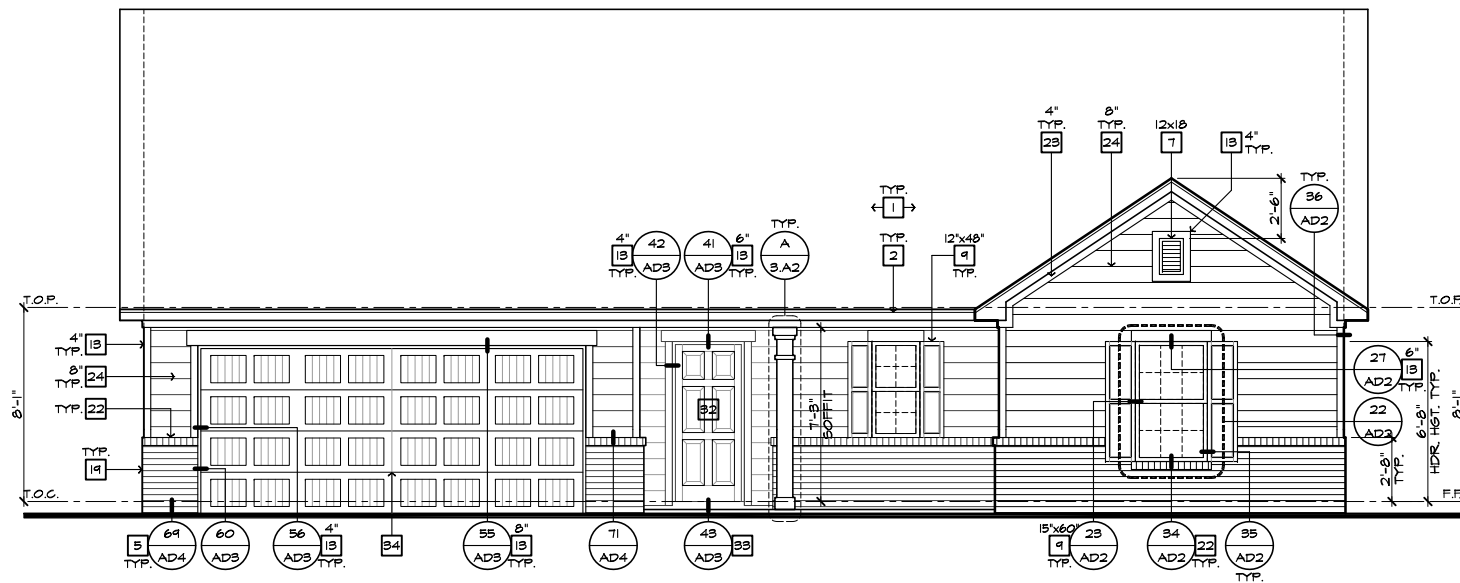
**FRONT ELEVATION 'A' W/ BRICK AT CRAWL SPACE**

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



**PARTIAL LEFT ELEVATION 'A' W/ BRICK OPTION**

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



**FRONT ELEVATION 'A' W/ BRICK OPTION**

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

- # ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6.1. FLASHING
  4. 6.1. FLASHING & SADDLE/CRICKET
  5. 6.1. DRIP SCREED
  6. 24"x24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. RONLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (#6" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE



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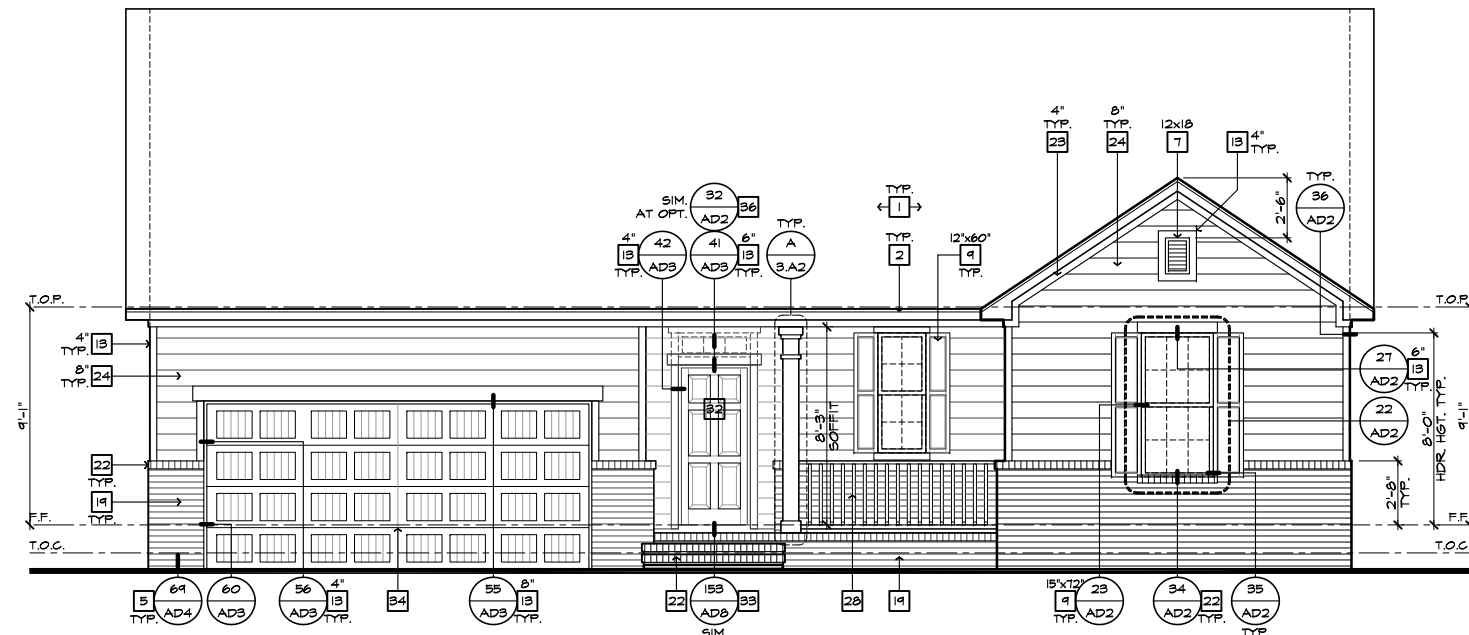
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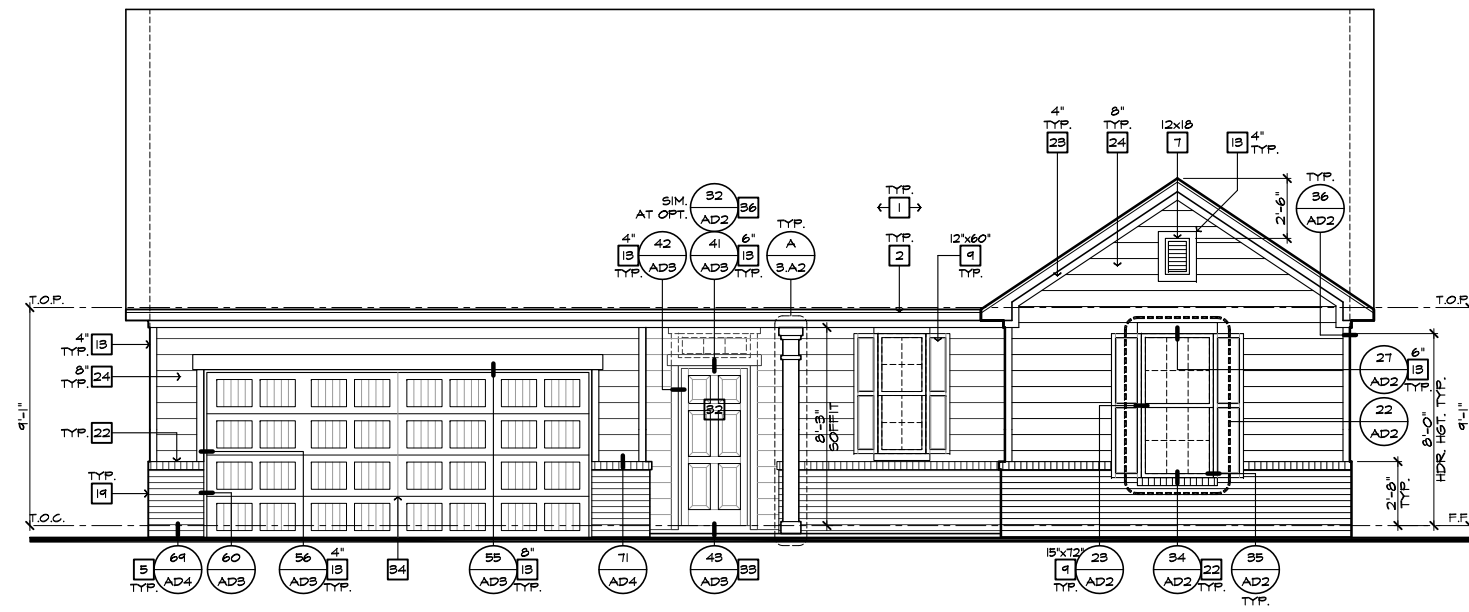
PLAN: 150.1910  
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SPEC. LEVEL 1  
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FRONT ELEVATION 'A' W/ BRICK AT CRAWL SPACE  
AT OPTIONAL 9'-1" PLT. HGT.  
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



FRONT ELEVATION 'A' W/ BRICK  
AT OPTIONAL 9'-1" PLT. HGT.  
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

- # ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1 FLASHING
  4. 6:1 FLASHING & SADDLE/CRICKET
  5. 6:1 DRIP SCREED
  6. 24"X24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. RAILROAD COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (#36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON 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
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**SPEC. LEVEL 1  
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#	PARTIAL PLAN NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
27.	WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS)
28.	WATER HEATER B VENT TO OUTSIDE AIR
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
34.	LINE OF WALL BELOW
41.	LINE OF FLOOR ABOVE
42.	LINE OF FLOOR BELOW
43.	MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
50.	A/C PAD LOCATION
51.	LOW WALL - REFER TO PLAN FOR HEIGHT
52.	2x6 STUD WALL
54.	DEL. 2x4 WALL PER PLAN
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
57.	FLAT SOFFIT
58.	ARCHED SOFFIT
60.	OPT. DOOR/WINDOW
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYRON OR EQ. SURROUNDING STRUCTURAL POST.
62.	BRICK / STONE VENEER - REFER TO ELEVATIONS
63.	SECTIONAL GARAGE DOOR PER SPECS
66.	3" DIAM. CONCRETE FILLED FIRE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
68.	P.T. POST IV WRAP.
70.	EGRESS WINDOW
75.	WINDOW LEDGE - HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES UNO.
76.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
77.	CONCRETE SLAB - SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SITE.

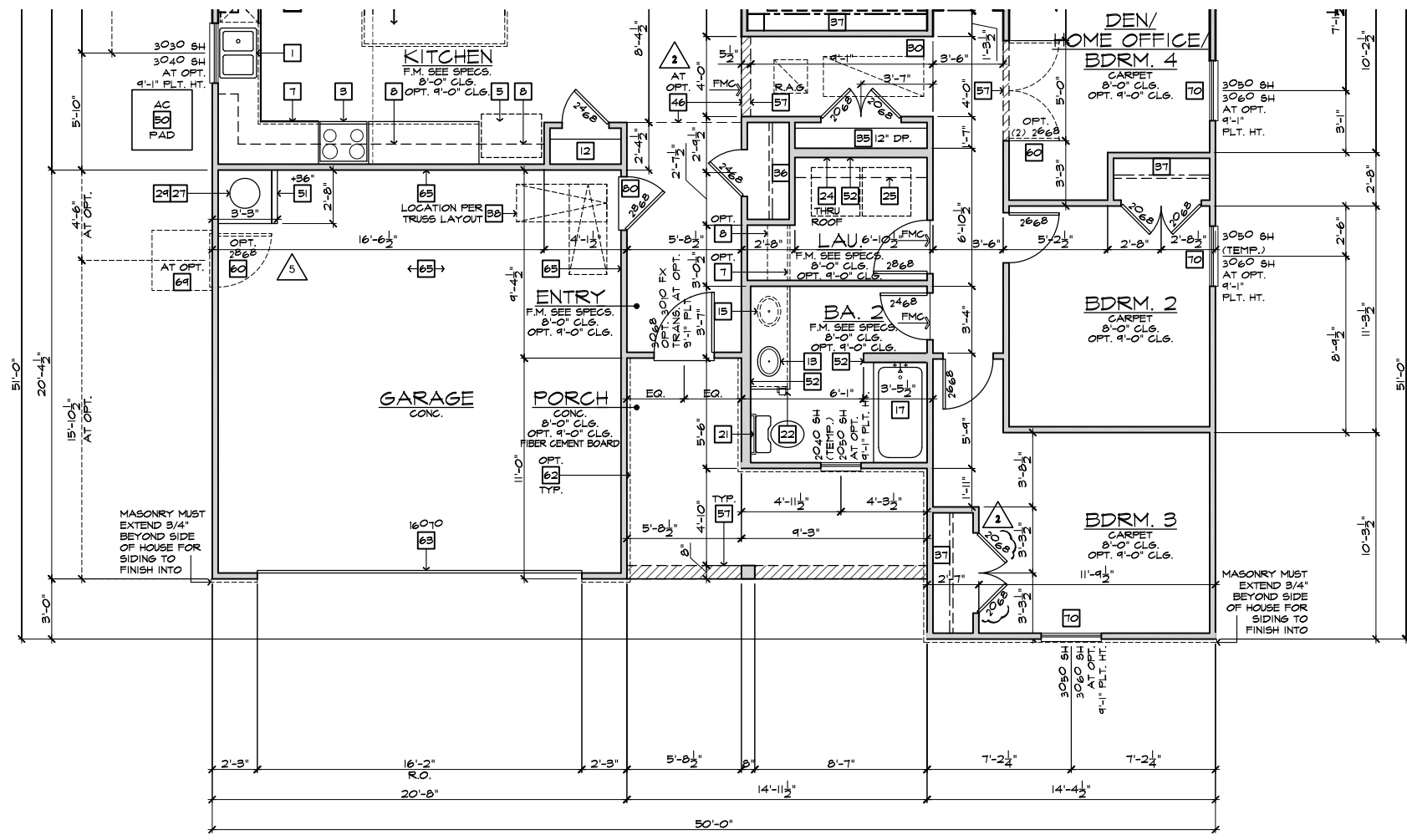


## NORTH CAROLINA 50' SERIES

KB HOME  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582

## 2018 NORTH CAROLINA STATE BUILDING CODES

- ISSUE DATE: 12/13/19  
PROJECT No.: 1350999-57  
DIVISION MGR.: DS
- REVISIONS:
- 1 VENTILATION NC2008NCP / 01/17/20 / KBA
  - 2 FRAMEWALK NC20019NCP / 03-25-20 / KBA
  - 3 HOME OFFICE CORP20043CORP / 07/31/20 / KBA
  - 4 ADD NOTE TO 'T' NC20057NCP - 10/06/20 - KBA
  - 5 GARAGE SERVICE DOOR NC21004NCP - 03/25/21 - KBA



PARTIAL FLOOR PLAN 'B'

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

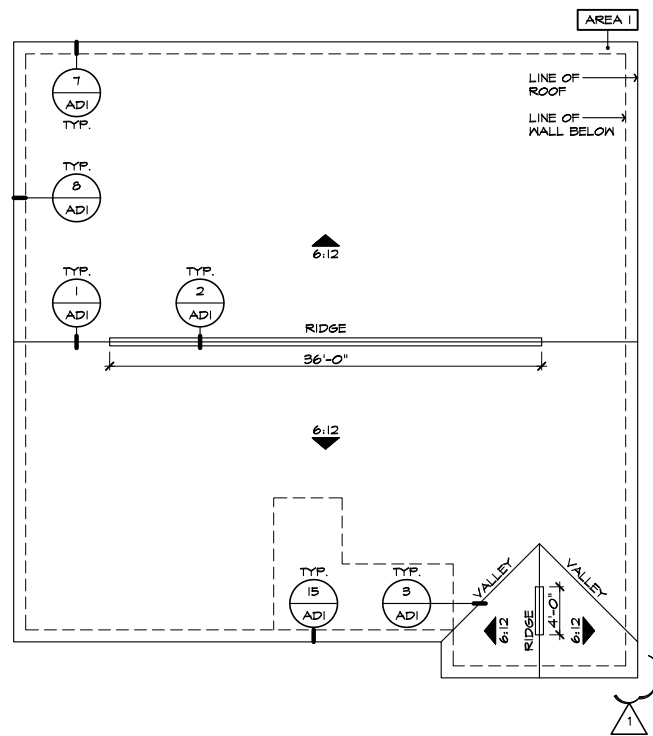
BASIC PLAN

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

PLAN: 150.1910  
SHEET: 3.B1

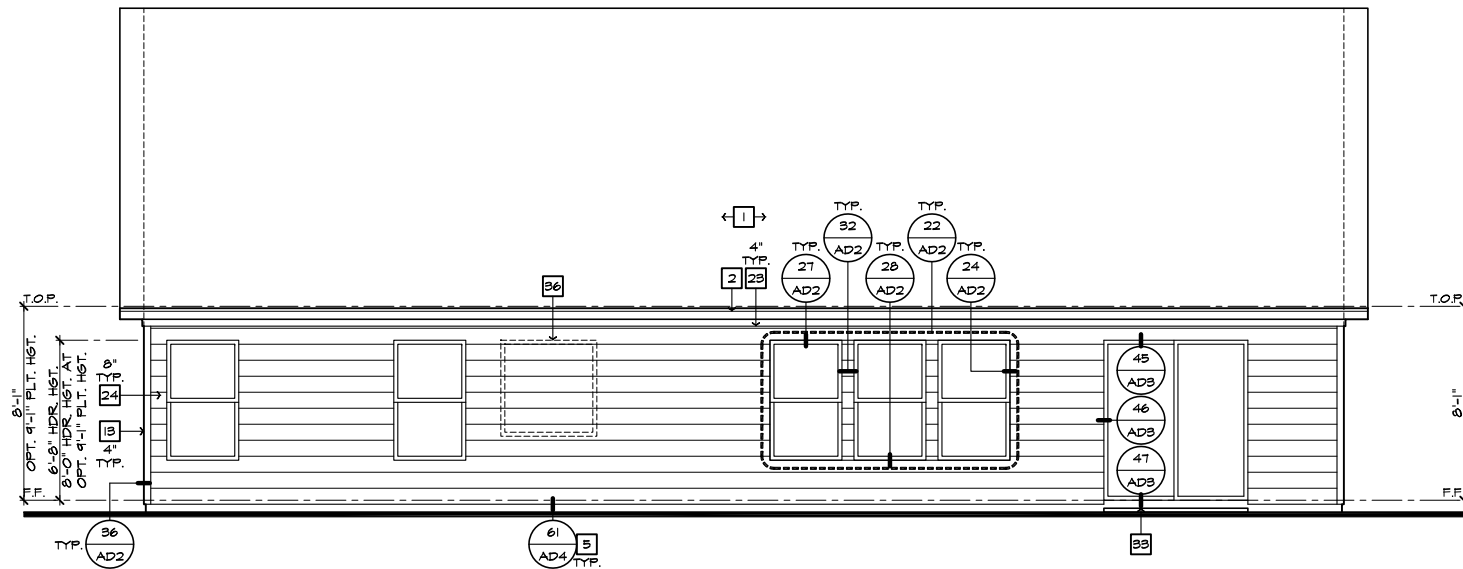
## SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

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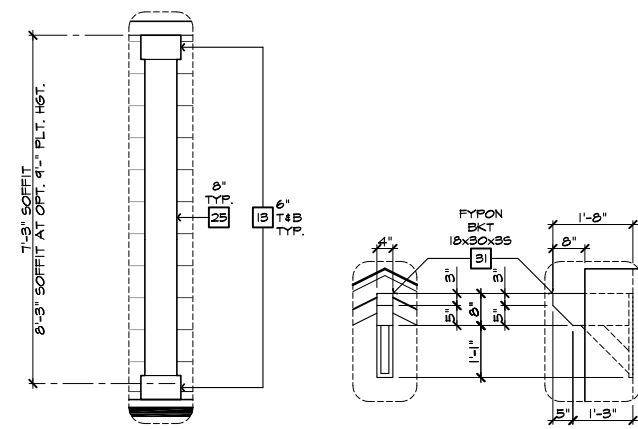
**ROOF PLAN 'B'**

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



**REAR ELEVATION 'B'**

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

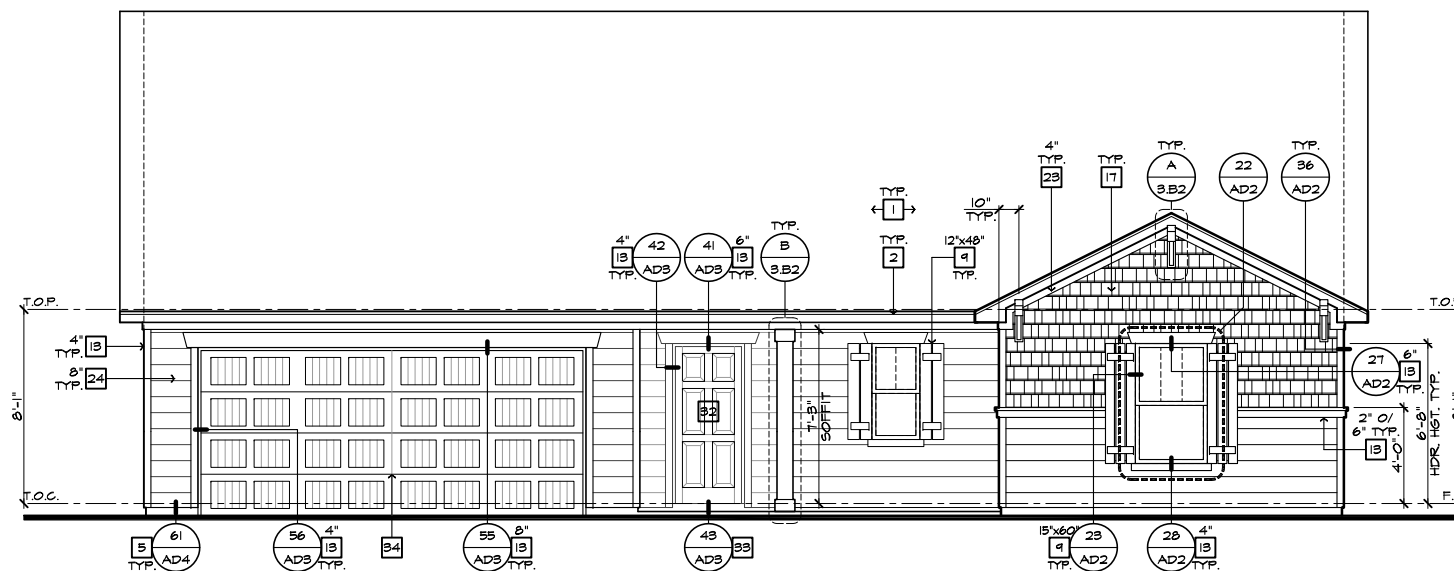


**DETAIL B**

SCALE 1/2"=1'-0"

**DETAIL A**

SCALE 1/2"=1'-0"



**FRONT ELEVATION 'B'**

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

- # ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1. FLASHING
  4. 6:1. FLASHING & SADDLE/GRICKET
  5. 6:1. DRIP SCREED
  6. 24"x24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. ROWLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (+36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON 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/WINDING - 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

- ROOF PLAN NOTES 'B'**
- 6:12 INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
- ROOF MATERIAL: COMPOSITION SHINGLE  
 12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.  
 12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.  
 LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

**ATTIC VENT CALCULATIONS**

PROVIDE 1 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 1 / MAIN**

VENTILATION REQUIRED:	SQ. FT. / 300	8:14 SQ. FT.
ATTIC AREA = 2448	X 144 =	1718 SQ. IN.
	TOTAL HIGH & LOW =	1178 SQ. IN.
	X 50% =	586 SQ. IN.

VENTILATION PROVIDED:	SQ. IN. / LF.	SQ. IN.
HIGH		
40 LF RIDGE VENT(S) AT	18 SQ. IN. / LF. =	720 SQ. IN.
0 ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:		720 SQ. IN.
LOW		
102 LF VENTILATED SOFFIT AT	6.9 SQ. IN. / LF. =	704 SQ. IN.
0 ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
TOTAL VENTILATION PROVIDED:		1424 SQ. IN.

**NOTES:**

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

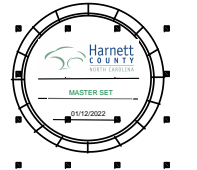
FRAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.

ALL VENTS SHALL BE INSTALLED SO AS TO MAKE THEM WATER-PROOF & WALL MOUNTED LOUVERS SHALL BE SEALED & FLASHED W/ "MOISTOP" IN THE SAME MANNER PRESCRIBED FOR WINDOW INSTALLATION.

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'-0" VERTICAL DISTANCE ABOVE EAVES.

WHEN GABLE END TRUSS MEMBERS BLOCK GABLE END VENTS, PROVIDE ADEQUATE ADDITIONAL VENTILATION BY MEANS OF ROOF TILE VENTS.



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SUITE 180  
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TEL: (919) 768-7988  
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**2018 NORTH CAROLINA STATE BUILDING CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350099-57  
DIVISION MGR.: MP

REVISIONS:

1 VENTILATION NC2008NCP/ 01/17/20 /KBA

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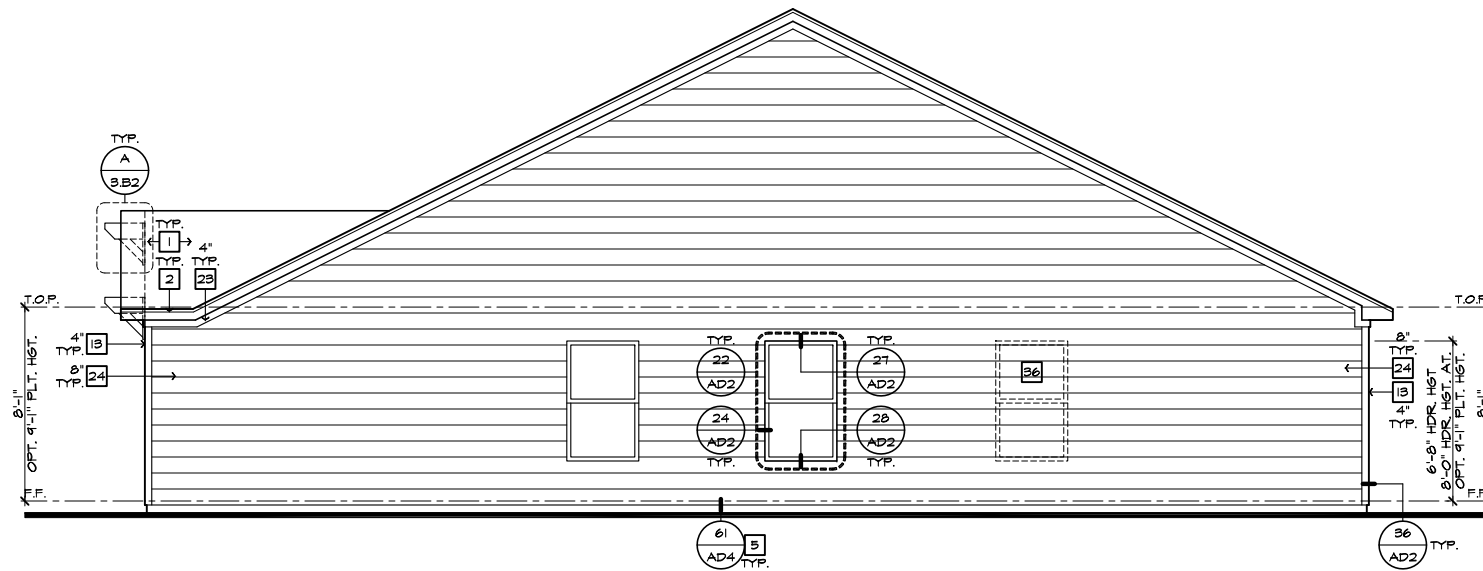
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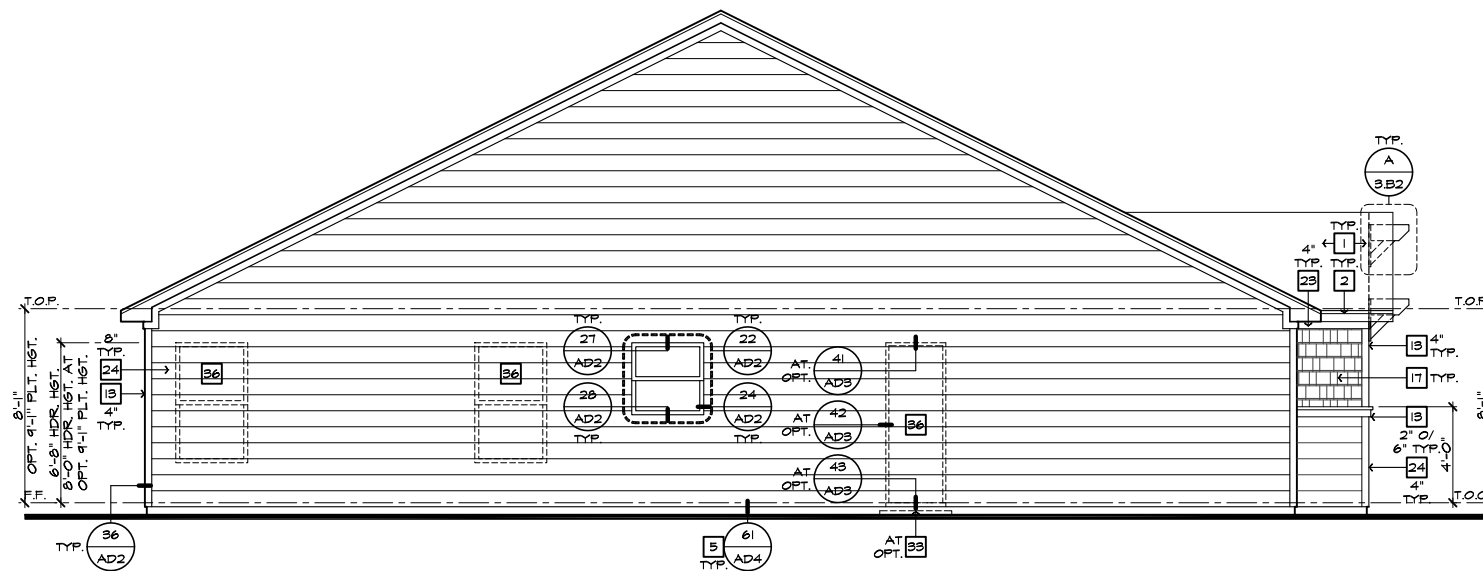
PLAN: 150.1910  
SHEET: 3.B2

SPEC. LEVEL 1  
RALEIGH-DURHAM 50' SERIES

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



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

#	ELEVATION NOTES
<b>NOTE: NOT ALL KEY NOTES APPLY.</b>	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6:1. FLASHING
4.	6:1. FLASHING & SADDLE/CRICKET
5.	6:1. DRIP SCREED
6.	24"X24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM - SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	RONLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	RAILINGS (+36" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE



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SUITE 180  
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**2018 NORTH  
CAROLINA STATE  
BUILDING  
CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
DIVISION MGR.: MP  
REVISIONS:

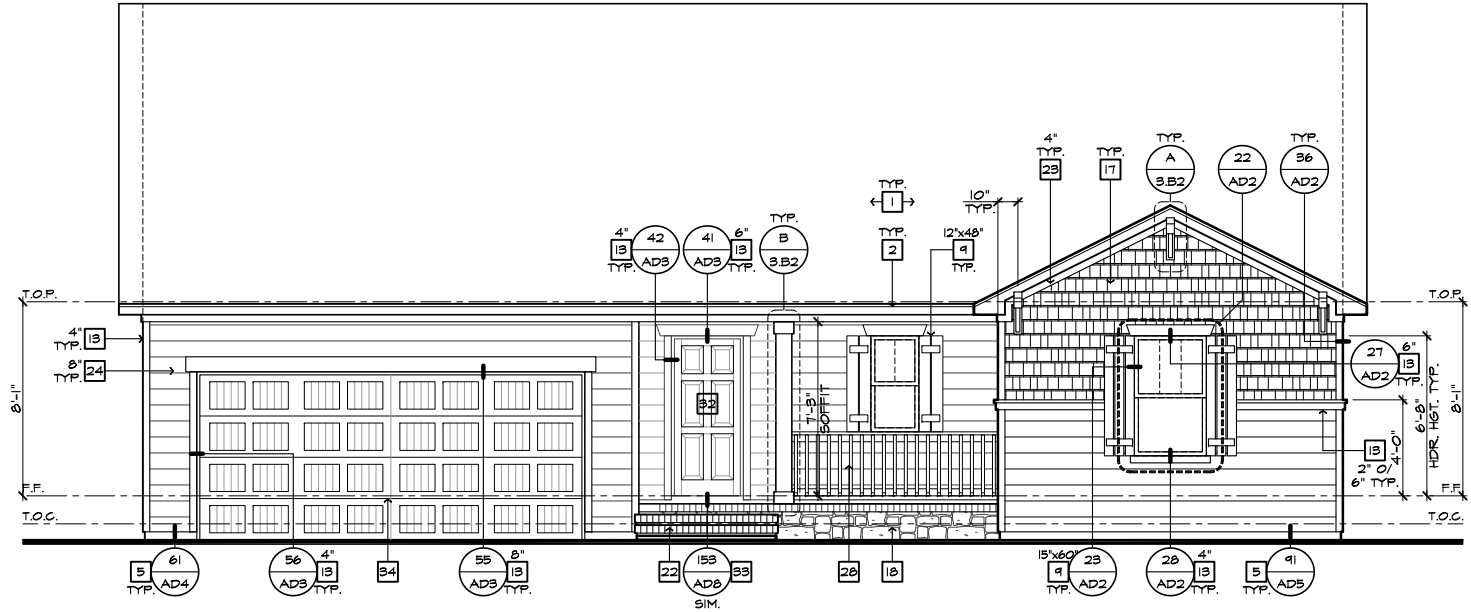
**1 VENTILATION**  
NC2008NCP/ 01/17/20 /KBA

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REVISION	DATE
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PLAN:  
**150.1910**  
SHEET:  
**3.B3**

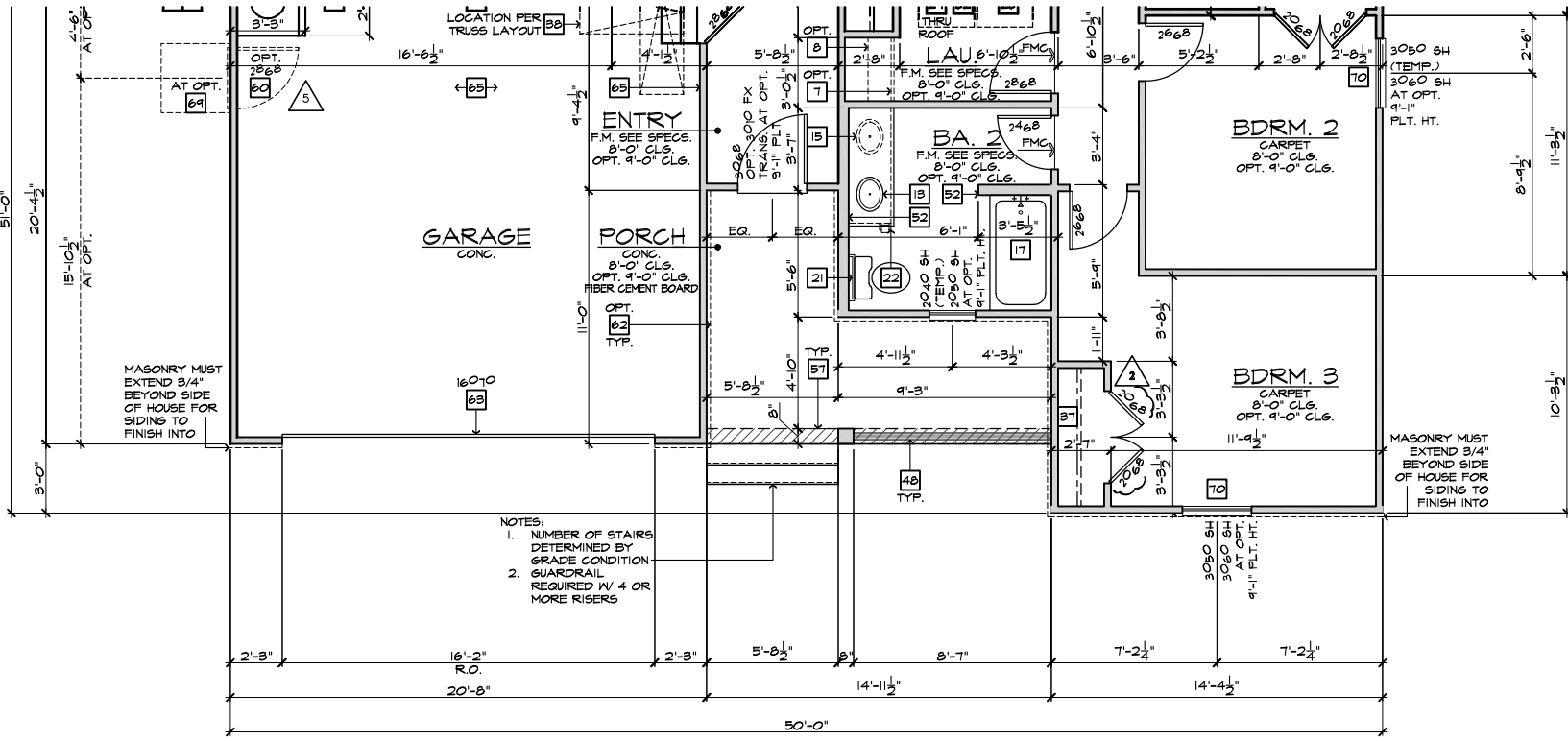
**SPEC. LEVEL 1  
RALEIGH-DURHAM  
50' SERIES**

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**FRONT ELEVATION 'B' AT CRAWL SPACE**

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



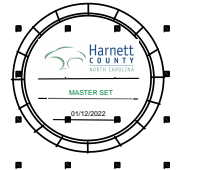
**PARTIAL FLOOR PLAN 'B' AT CRAWL SPACE**

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

BASIC PLAN

- # ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1. FLASHING
  4. 6:1. FLASHING & SADDLE/CRICKET
  5. 6:1. DRIP SCREED
  6. 24"x24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. 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
  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. RAILLOCK 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 - FYPON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE

- # PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  28. WATER HEATER 'B' VENT TO OUTSIDE AIR
  29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  39. LINE OF WALL BELOW
  41. LINE OF FLOOR ABOVE
  42. LINE OF FLOOR BELOW
  43. MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  49. MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  51. LOW WALL - REFER TO PLAN FOR HEIGHT
  52. 2x6 STUD WALL
  54. DEL. 2x4 WALL PER PLAN
  55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  57. FLAT SOFFIT
  58. ARCHED SOFFIT
  60. OPT. DOOR/ WINDOW
  61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  62. BRICK / STONE VENEER - REFER TO ELEVATIONS
  63. SECTIONAL GARAGE DOOR PER SPECS
  66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  68. P.T. POST W/ WRAP.
  75. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES U.N.O.
  76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  77. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE



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SUITE 180  
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**2018 NORTH CAROLINA STATE BUILDING CODES**

ISSUE DATE: 12/13/19  
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- REVISIONS:
1. VENTILATION NC2008NCP / 01/17/20 / KBA
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  3. HOME OFFICE CORP20043CORP / 07/31/20 / KBA
  4. ADD NOTE TO 'T' NC20037NCP - 10/06/20 - KBA
  5. GARAGE SERVICE DOOR NC21004NCP - 03/25/21 - KBA

PLAN: 150.1910  
SHEET: 3.B4

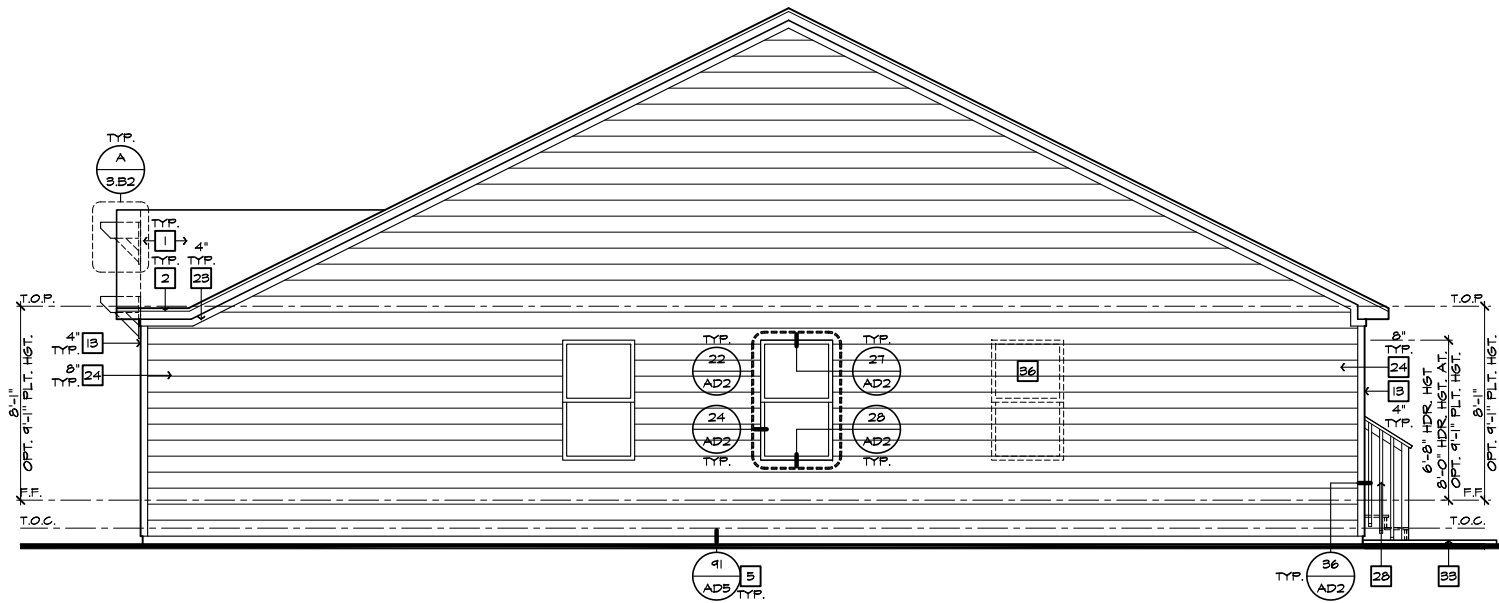
**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

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

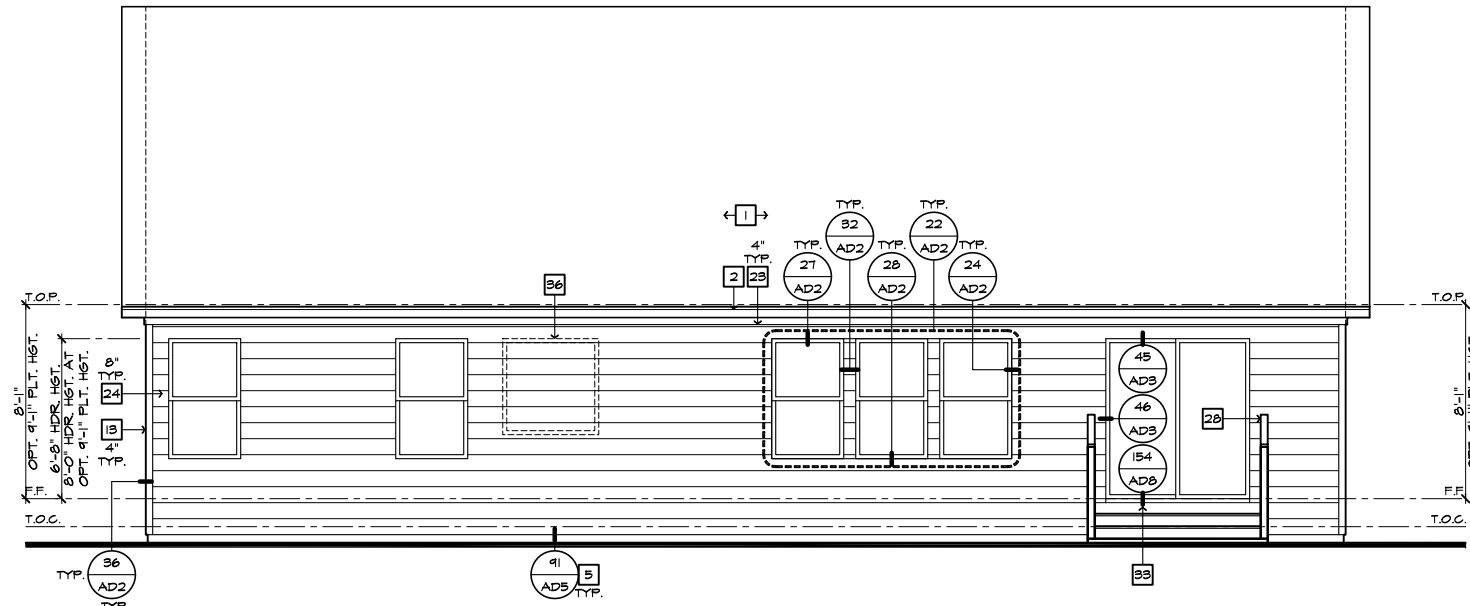
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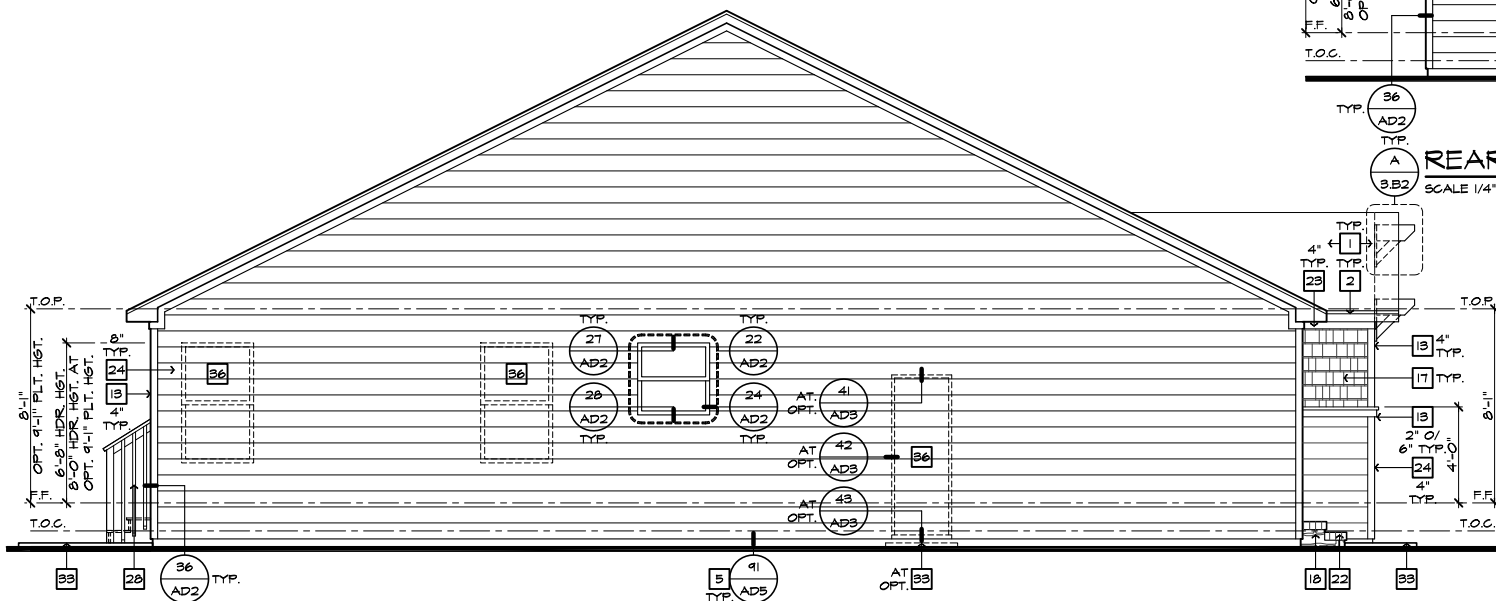
RIGHT ELEVATION 'B' AT CRAWL SPACE

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



REAR ELEVATION 'B' AT CRAWL SPACE

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



LEFT ELEVATION 'B' AT CRAWL SPACE

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

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1. FLASHING
  4. 6:1. FLASHING & SADDLE/CRICKET
  5. 6:1. DRIP SCREED
  6. 24"X24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. ROWLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (+36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE



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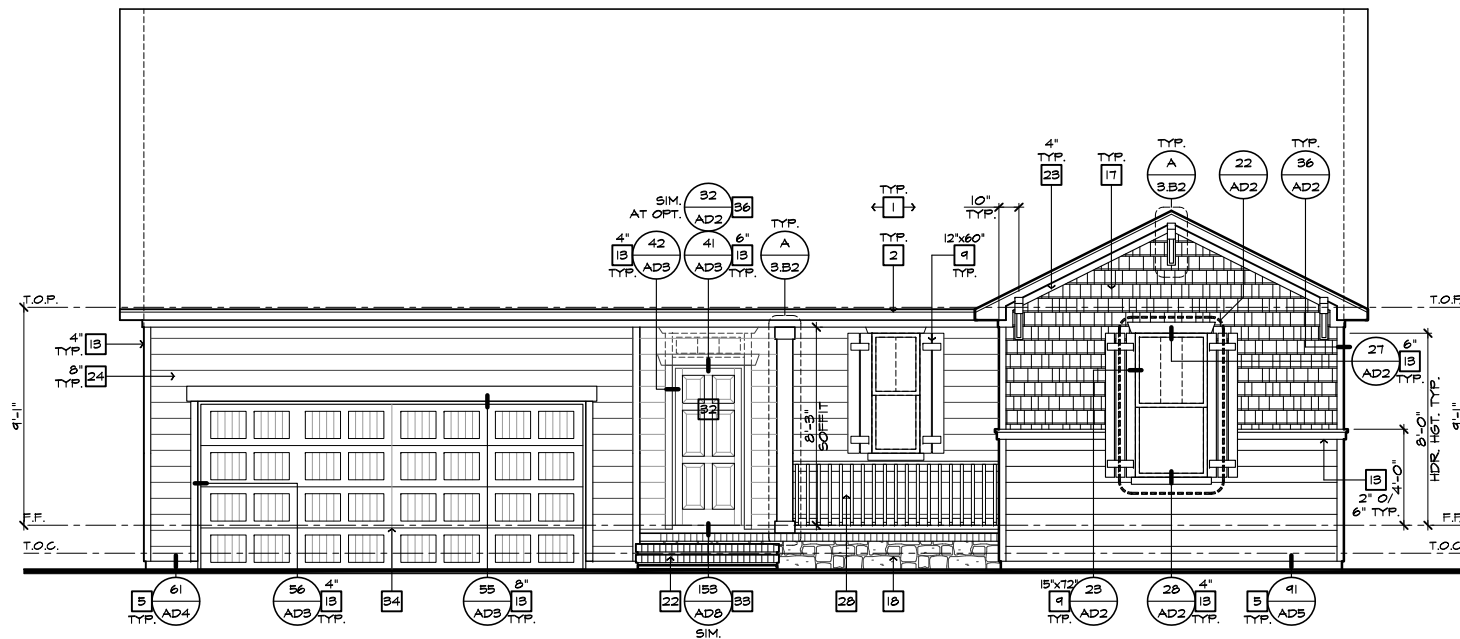
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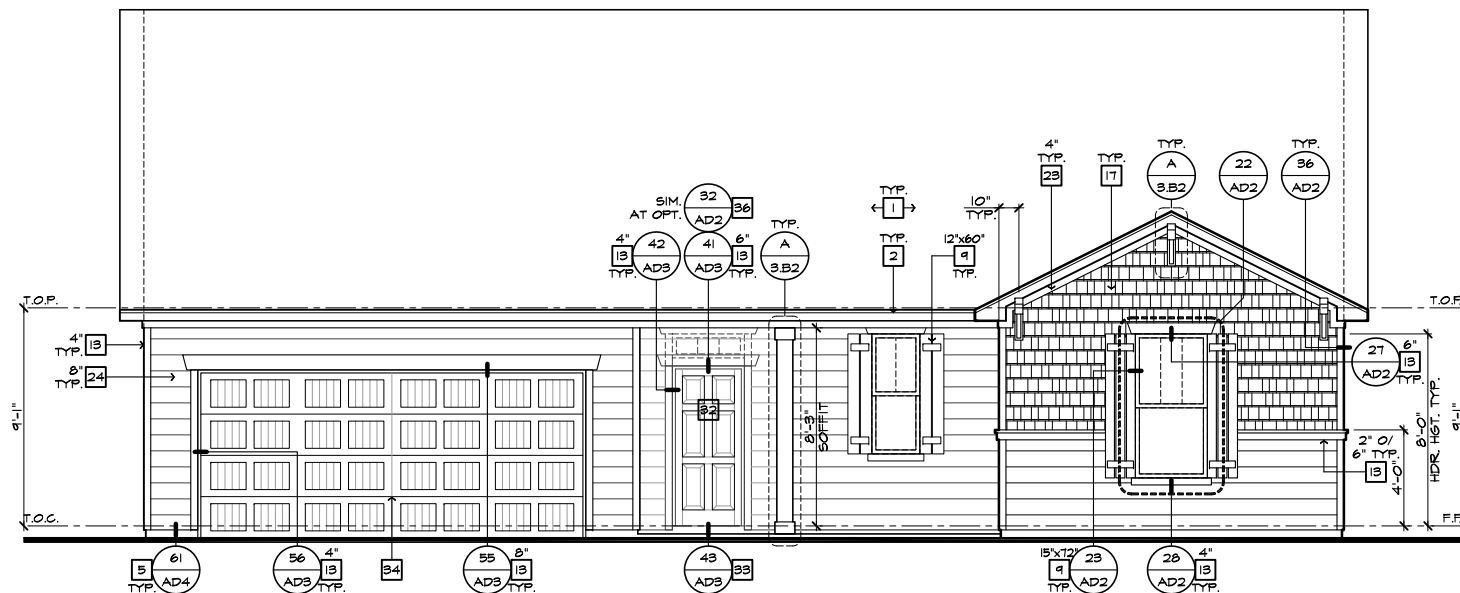
PLAN: 150.1910  
SHEET: 3.B5

**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

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FRONT ELEVATION 'B' W/ CRAWL SPACE  
AT OPTIONAL 9'-1" PLT. HGT.  
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



FRONT ELEVATION 'B'  
AT OPTIONAL 9'-1" PLT. HGT.  
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

- # ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1. FLASHING
  4. 6:1. FLASHING & SADDLE/CRICKET
  5. 6:1. DRIP SCREED
  6. 24"x24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. ROWLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (#36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE



**NORTH CAROLINA  
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KB HOME  
NORTH CAROLINA DIVISION

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SUITE 180  
DURHAM, NC 27703  
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FAX: (919) 472-0582

**2018 NORTH  
CAROLINA STATE  
BUILDING  
CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
DIVISION MGR.: MP  
REVISIONS:

**1 VENTILATION**  
NC2008NCP/ 01/17/20 /KBA

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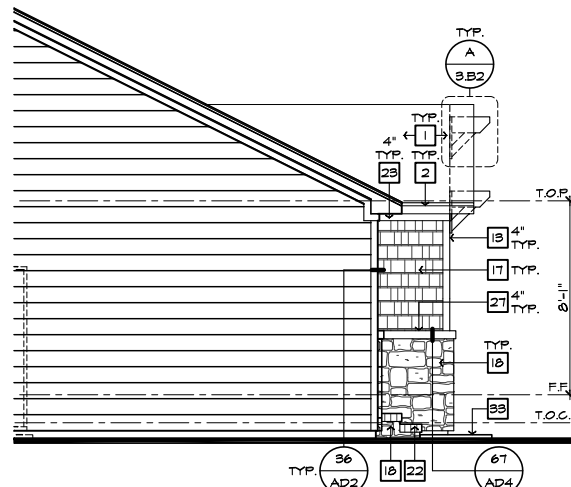
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PLAN:  
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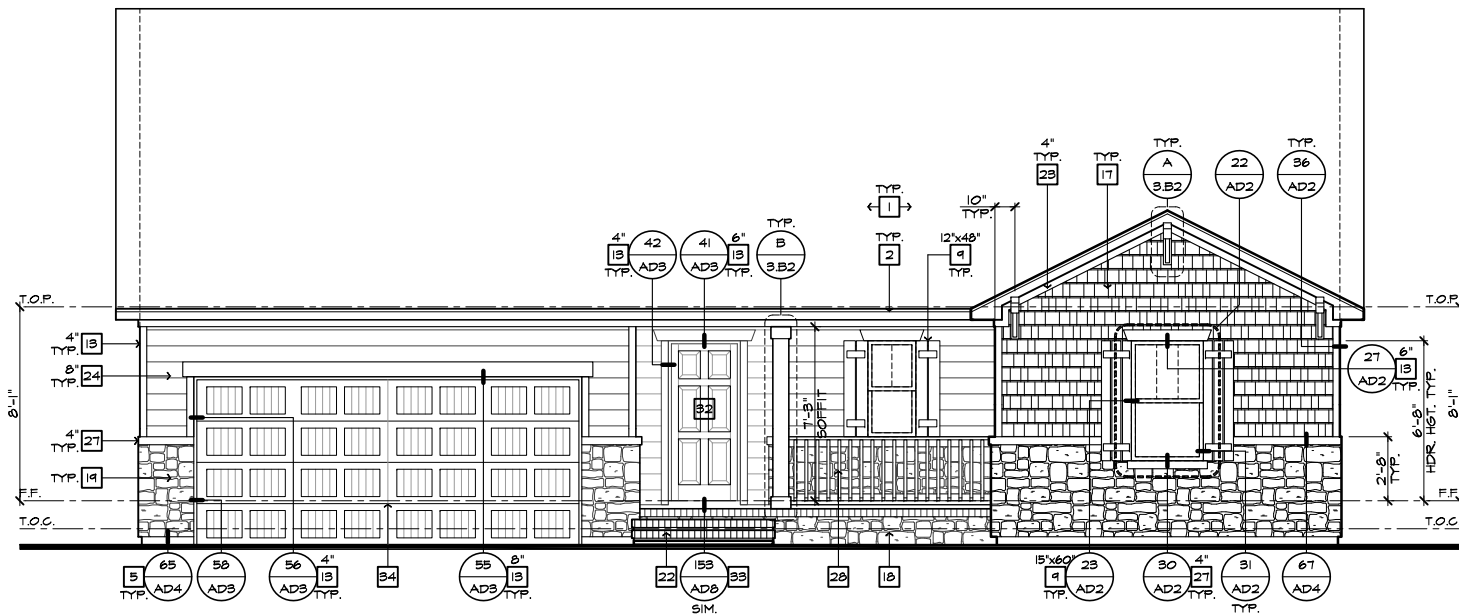
**SPEC. LEVEL 1  
RALEIGH-DURHAM  
50' SERIES**

NOTE:  
REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE



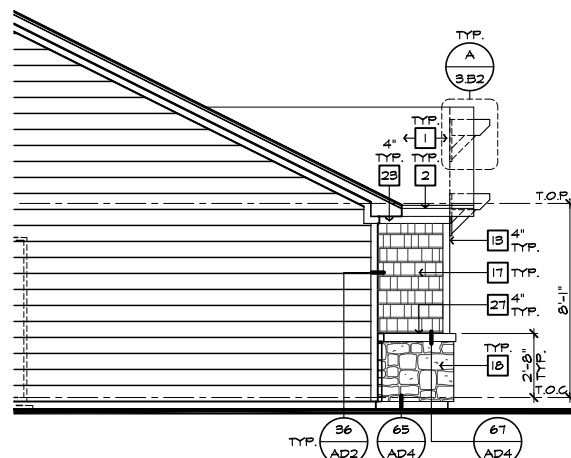
PARTIAL LEFT ELEVATION 'B' W/ STONE AT CRAWL SPACE

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



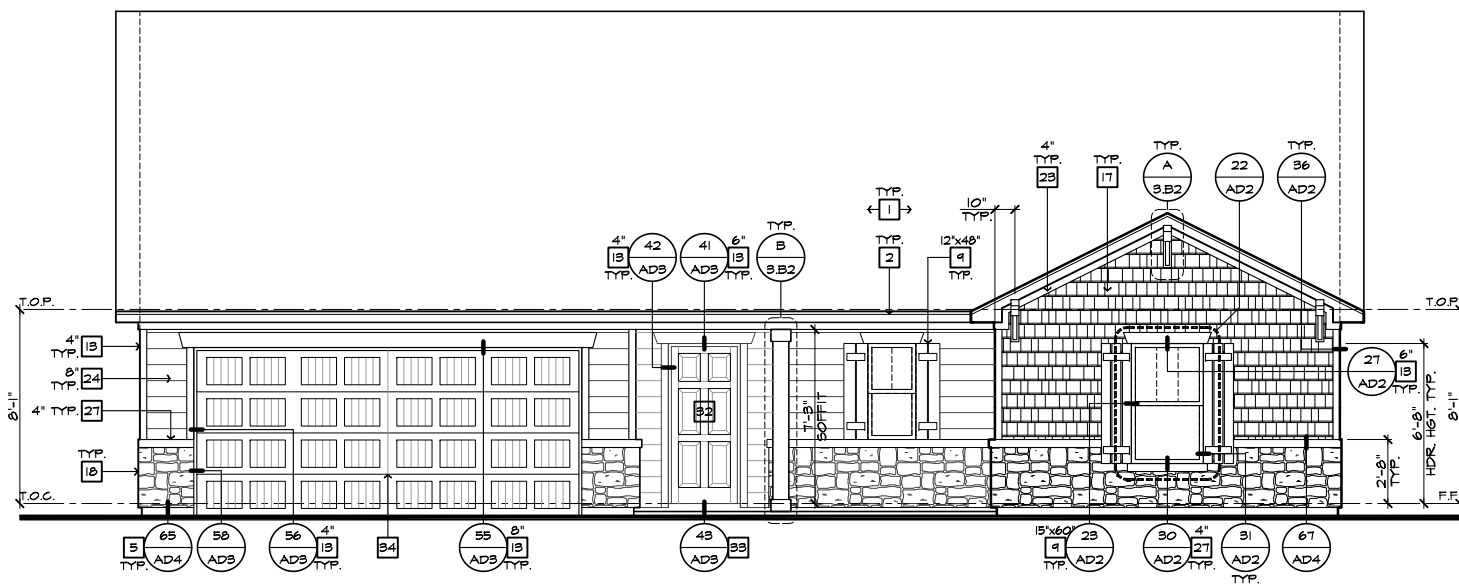
FRONT ELEVATION 'B' W/ STONE AT CRAWL SPACE

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



PARTIAL LEFT ELEVATION 'B' W/ STONE OPTION

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



FRONT ELEVATION 'B' W/ STONE OPTION

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

#	ELEVATION NOTES
<b>NOTE: NOT ALL KEY NOTES APPLY.</b>	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6.1. FLASHING
4.	6.1. FLASHING & SADDLE/CRICKET
5.	6.1. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM - SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
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22.	ROWLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	RAILINGS (#6" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOFF/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE



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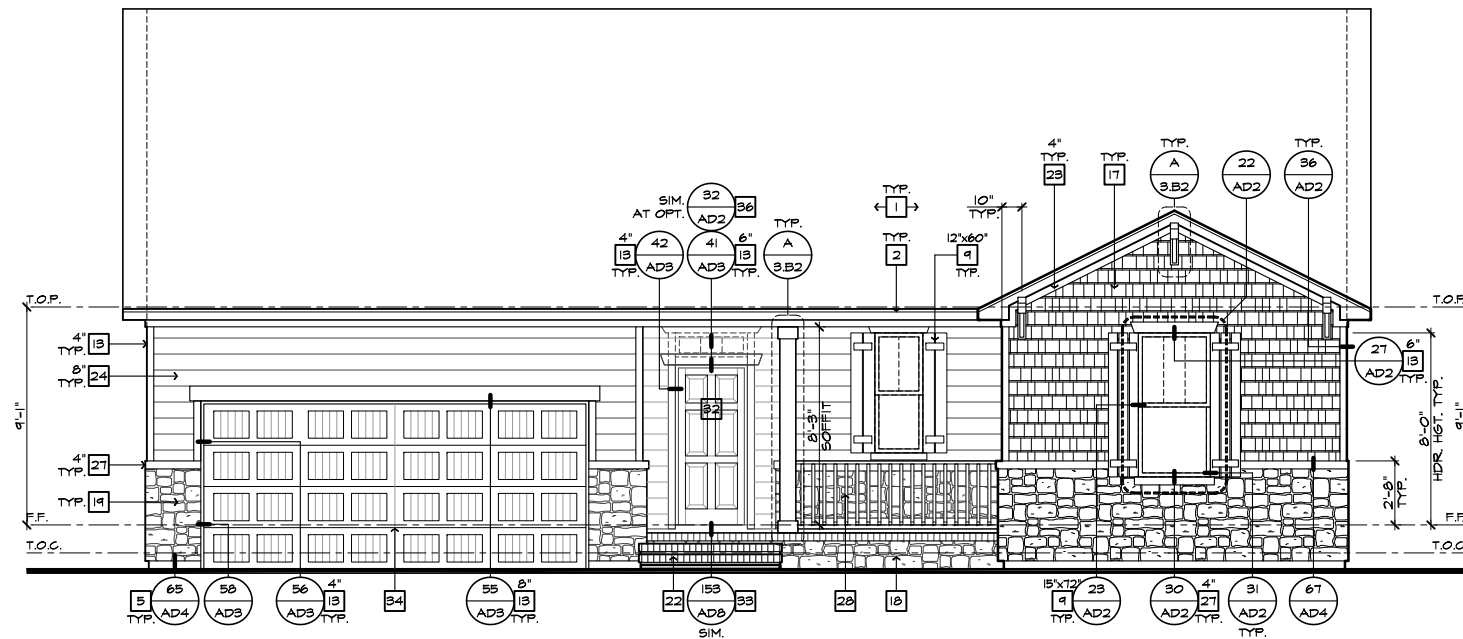


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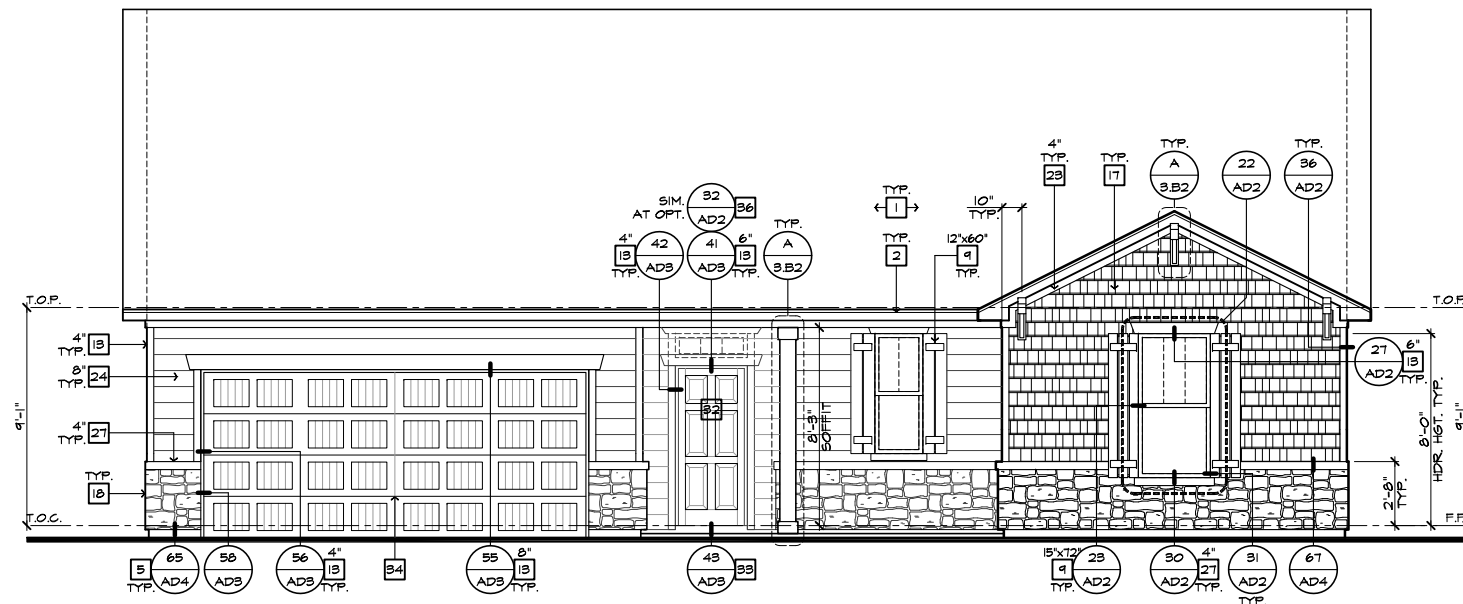
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SHEET: **3.B7**

**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

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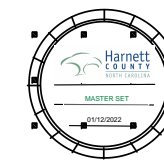
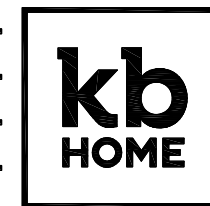


FRONT ELEVATION 'B' W/ STONE AT CRAWL SPACE  
AT OPTIONAL 9'-1" PLT. HGT.  
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



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**2018 NORTH  
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**SPEC. LEVEL 1  
RALEIGH-DURHAM  
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NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

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#	PARTIAL PLAN NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
27.	WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS)
28.	WATER HEATER B VENT TO OUTSIDE AIR
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
34.	LINE OF WALL BELOW
41.	LINE OF FLOOR ABOVE
42.	LINE OF FLOOR BELOW
43.	MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
50.	A/C PAD LOCATION
51.	LOW WALL - REFER TO PLAN FOR HEIGHT
52.	2x6 STUD WALL
54.	DBL. 2x4 WALL PER PLAN
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
57.	FLAT SOFFIT
58.	ARCHED SOFFIT
60.	OPT. DOOR/WINDOW
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
62.	BRICK / STONE VENEER - REFER TO ELEVATIONS
63.	SECTIONAL GARAGE DOOR PER SPECS
66.	3" DIAM. CONCRETE FILLED FIRE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
68.	P.T. POST IV WRAP.
70.	EGRESS WINDOW
75.	WINDOW LEDGE - HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES UNO.
76.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
77.	CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SITE.



## NORTH CAROLINA 50' SERIES

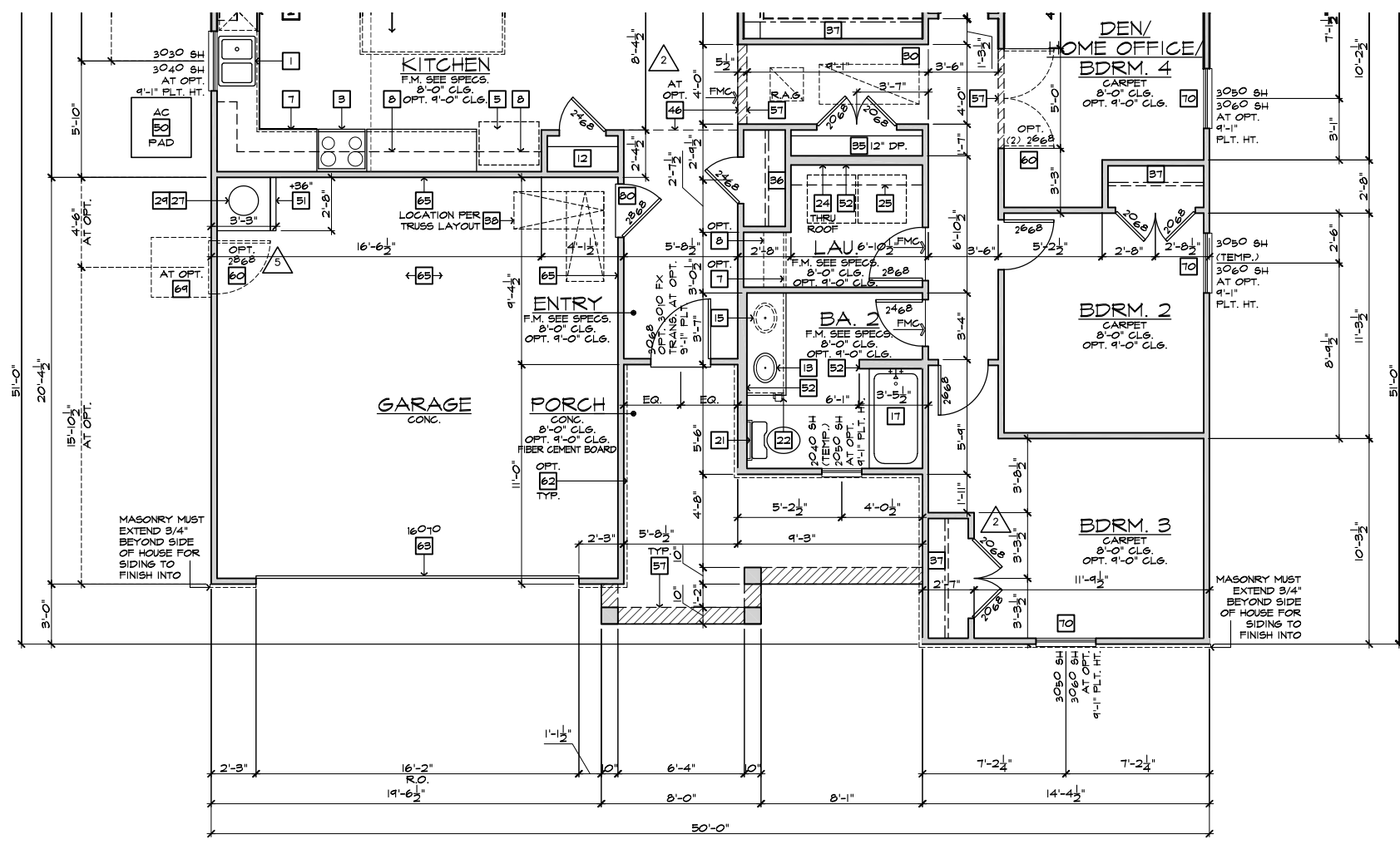
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## 2018 NORTH CAROLINA STATE BUILDING CODES

- ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
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- 1 VENTILATION NC2008NCP / 01/17/20 / KBA
  - 2 FRAMEWALK NC20019NCP / 03-25-20 / KBA
  - 3 HOME OFFICE CORP20043CORP / 07/31/20 / KBA
  - 4 ADD NOTE TO 'T' NC20057NCP - 10/06/20 - KBA
  - 5 GARAGE SERVICE DOOR NC21004NCP - 03/25/21 - KBA

PLAN: 150.1910  
SHEET: 3.C1

## SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES



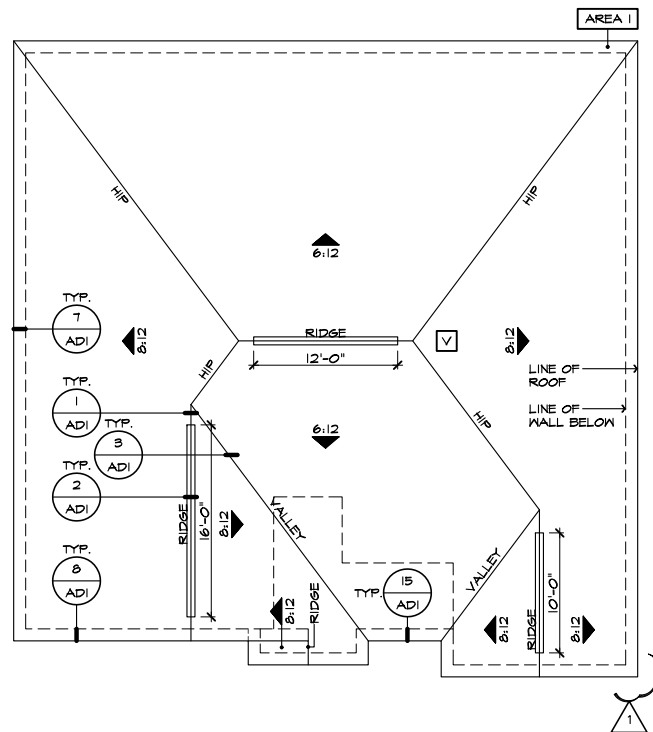
PARTIAL FLOOR PLAN 'C'

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

BASIC PLAN

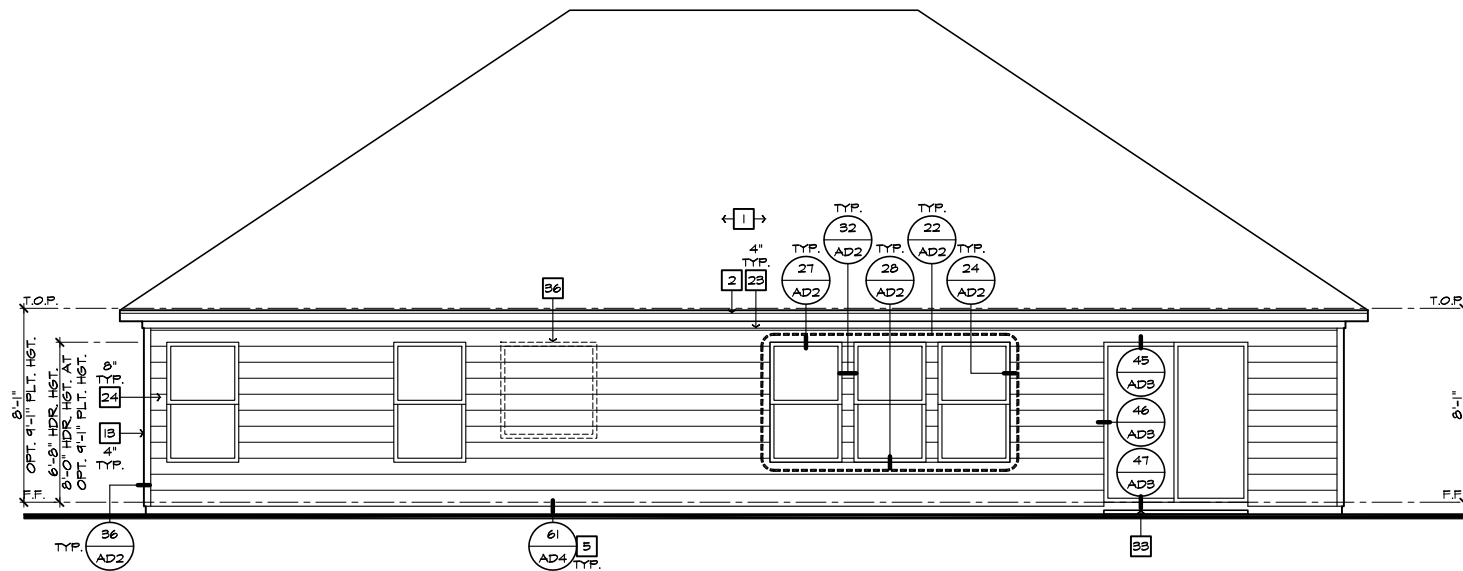
NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

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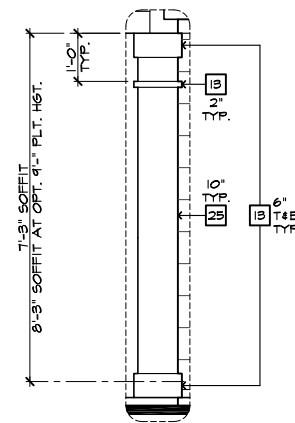
**ROOF PLAN 'C'**

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



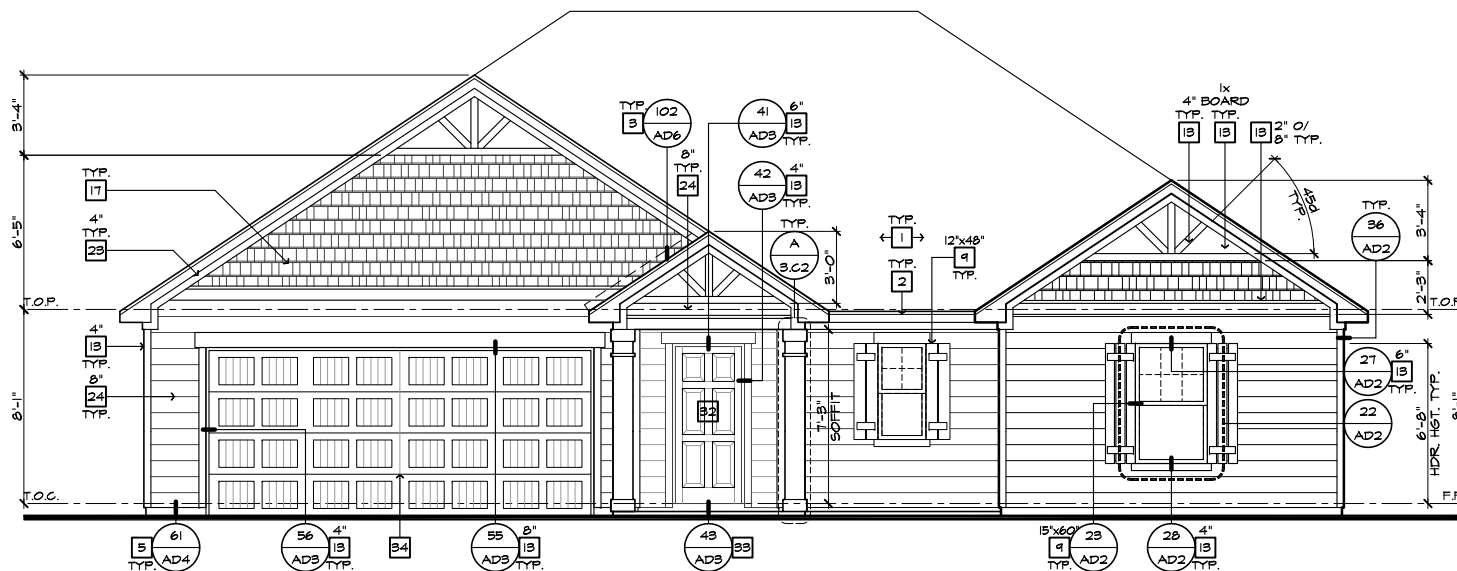
**REAR ELEVATION 'C'**

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



**DETAIL A**

SCALE 1/2"=1'-0"



**FRONT ELEVATION 'C'**

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

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1. FLASHING
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  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE

- ROOF PLAN NOTES 'C'**
- 6:12 INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
- ROOF MATERIAL: COMPOSITION SHINGLE  
 12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.  
 12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.  
 LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

**ATTIC VENT CALCULATIONS**

PROVIDE 1 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 1 / MAIN**

VENTILATION REQUIRED:	SQ. FT. / 300	3.20 SQ. FT.
ATTIC AREA = 2454	X 144 =	1180 SQ. IN.
	TOTAL HIGH & LOW	1180 SQ. IN.
	X 50% =	590 SQ. IN.

VENTILATION PROVIDED:	SQ. IN. / LF.	SQ. IN.
HIGH		
30 LF RIDGE VENT(S) AT	10	684 SQ. IN.
1 ROOF VENT(S) AT	50	50 SQ. IN.
SUB-TOTAL HIGH VENTILATION:		734 SQ. IN.
LOW		
102 LF VENTILATED SOFFIT AT	6.9	704 SQ. IN.
0 ROOF VENT(S) AT	50	0 SQ. IN.
TOTAL VENTILATION PROVIDED:		1438 SQ. IN.

**NOTES:**

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

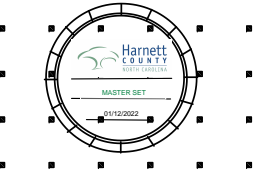
FRAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.

ALL VENTS SHALL BE INSTALLED SO AS TO MAKE THEM WATER-PROOF & WALL MOUNTED LOUVERS SHALL BE SEALED & FLASHED W/ "MOISTOP" IN THE SAME MANNER PRESCRIBED FOR WINDOW INSTALLATION.

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'-0" VERTICAL DISTANCE ABOVE EAVES.

WHEN GABLE END TRUSS MEMBERS BLOCK GABLE END VENTS, PROVIDE ADEQUATE ADDITIONAL VENTILATION BY MEANS OF ROOF TILE VENTS.



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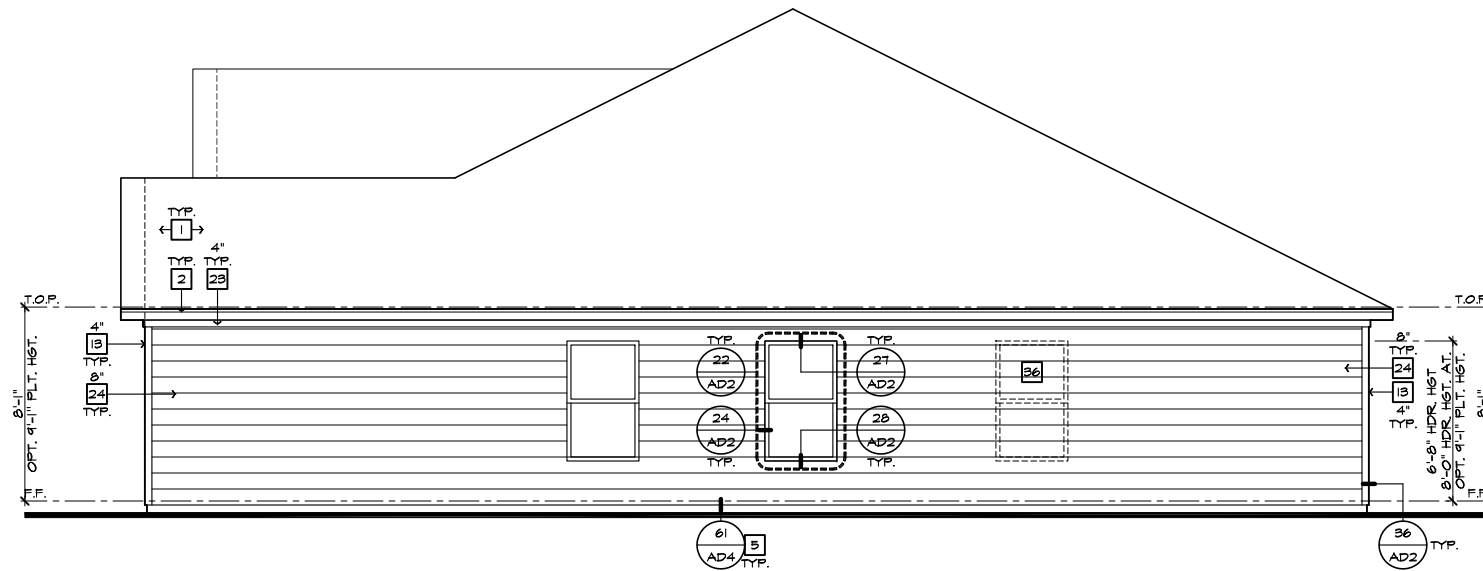
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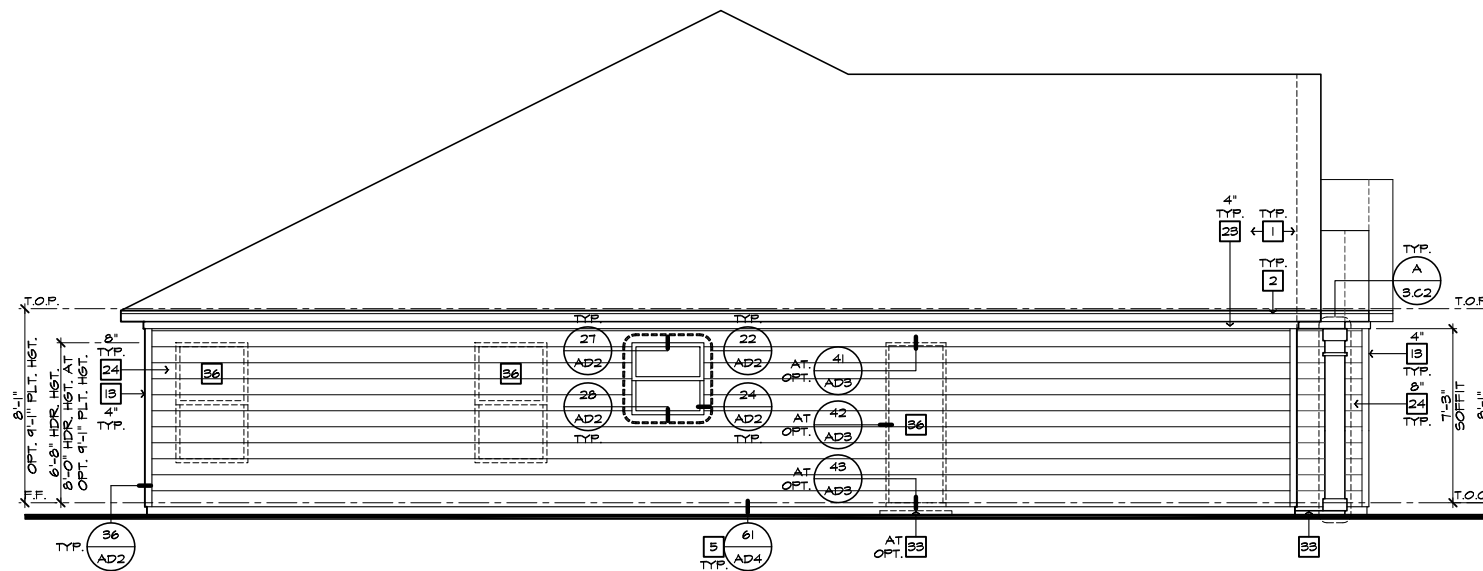
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SPEC. LEVEL 1  
 RALEIGH-DURHAM 50' SERIES

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



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9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM - SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	RONLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	RAILINGS (+36" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE



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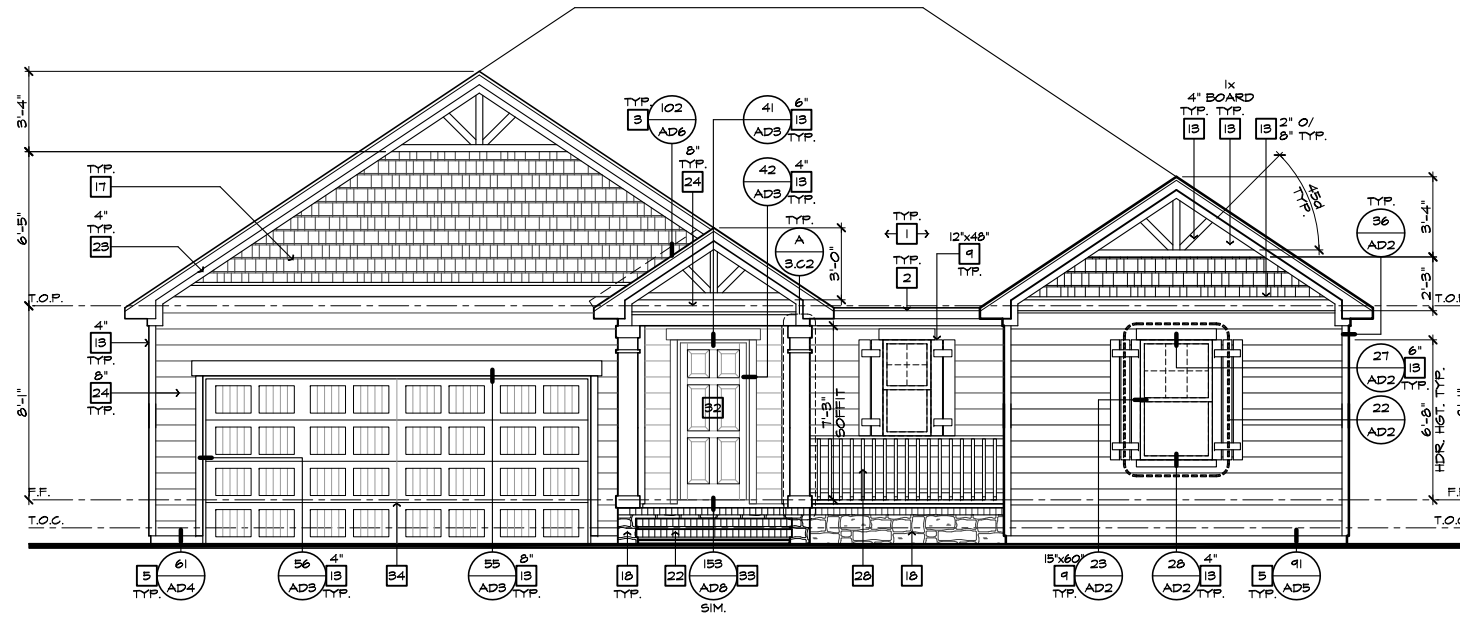
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PLAN:  
**150.1910**  
SHEET:  
**3.C3**

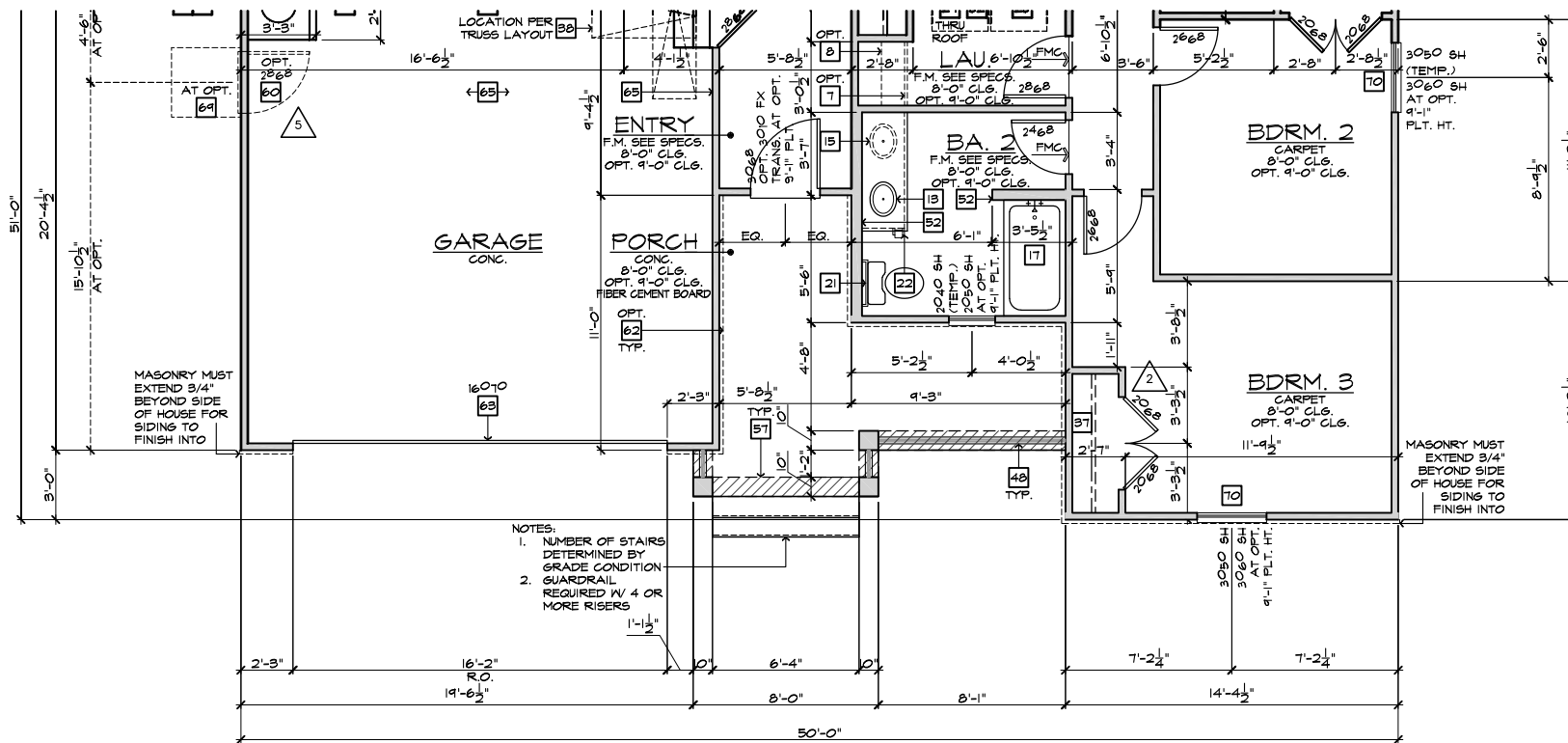
**SPEC. LEVEL 1  
RALEIGH-DURHAM  
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**FRONT ELEVATION 'C' AT CRAWL SPACE**

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



**PARTIAL FLOOR PLAN 'C' AT CRAWL SPACE**

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

BASIC PLAN

#	ELEVATION NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6.1. FLASHING
4.	6.1. FLASHING & SADDLE/CRICKET
5.	6.1. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	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
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 - FYPON 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/WINDING - 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

#	PARTIAL PLAN NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
27.	WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN (REFER TO DETAILS)
28.	WATER HEATER 'B' VENT TO OUTSIDE AIR
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
39.	LINE OF WALL BELOW
41.	LINE OF FLOOR ABOVE
42.	LINE OF FLOOR BELOW
43.	MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
49.	MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
51.	LOW WALL - REFER TO PLAN FOR HEIGHT
52.	2x6 STUD WALL
54.	DEL. 2x4 WALL PER PLAN
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
57.	FLAT SOFFIT
58.	ARCHED SOFFIT
60.	OPT. DOOR/ WINDOW
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
62.	BRICK / STONE VENEER - REFER TO ELEVATIONS
63.	SECTIONAL GARAGE DOOR PER SPECS
66.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH)
68.	P.T. POST W/ WRAP.
75.	WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES U.N.O.
76.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
77.	CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE



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  - 2 FRAMEWALK NC20019NCP/ 03-25-20 /KBA
  - 3 HOME OFFICE CORP20043CORP/ 07/31/20 /KBA
  - 4 ADD NOTE TO 'T' NC20037NCP - 10/06/20 - KBA
  - 5 GARAGE SERVICE DOOR NC21004NCP - 03/25/21 - KBA

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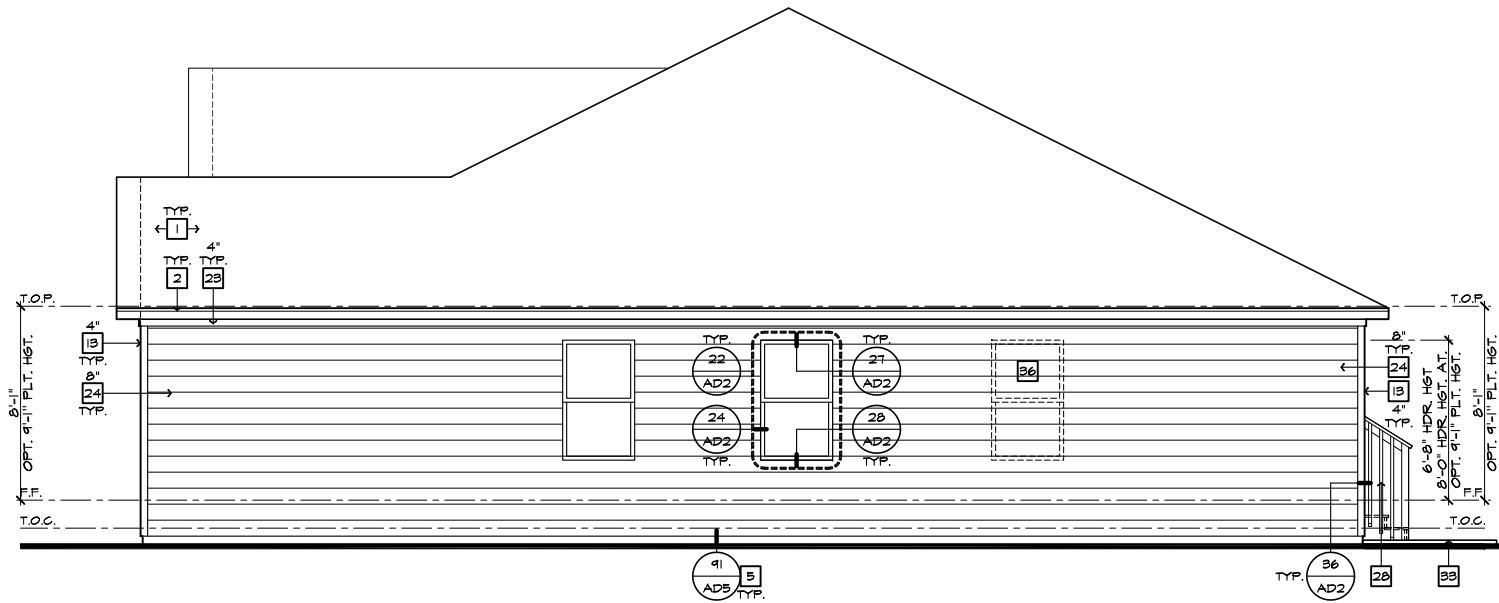
**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

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

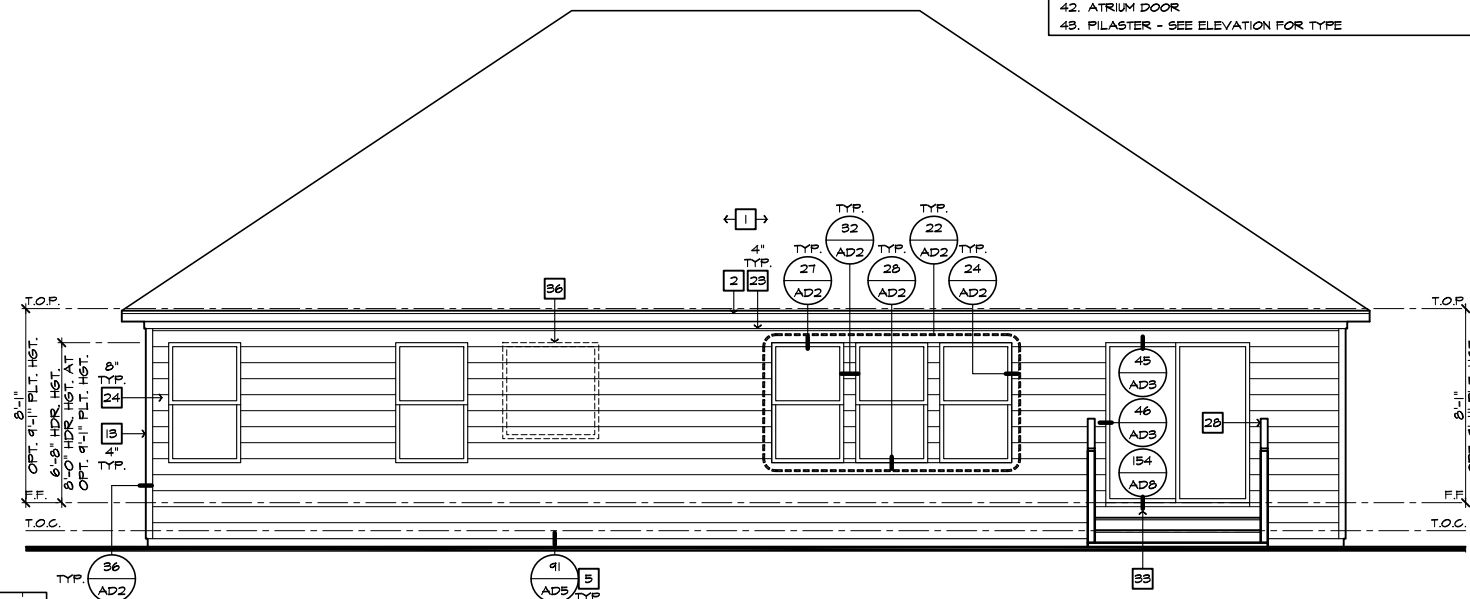
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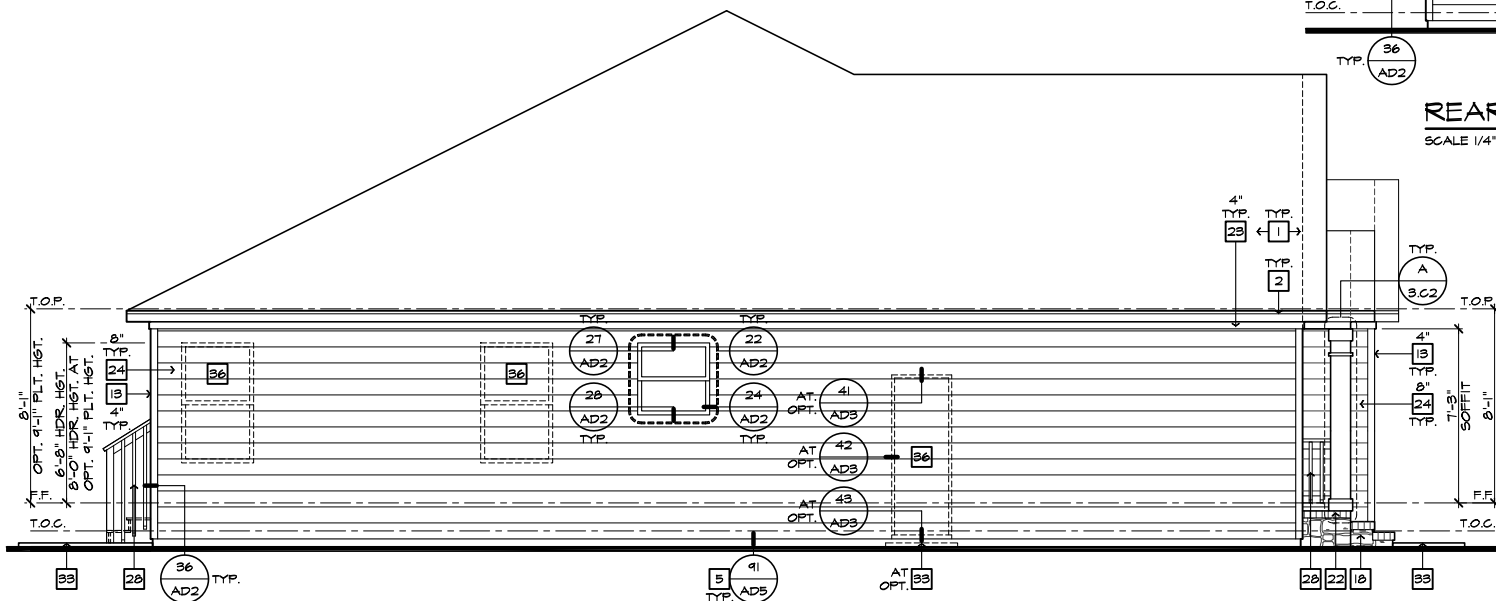
RIGHT ELEVATION 'C' AT CRAWL SPACE

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



REAR ELEVATION 'C' AT CRAWL SPACE

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



LEFT ELEVATION 'C' AT CRAWL SPACE

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

- # ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6.1. FLASHING
  4. 6.1. FLASHING & SADDLE/CRICKET
  5. 6.1. DRIP SCREED
  6. 24"X24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. RAILLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (+36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE



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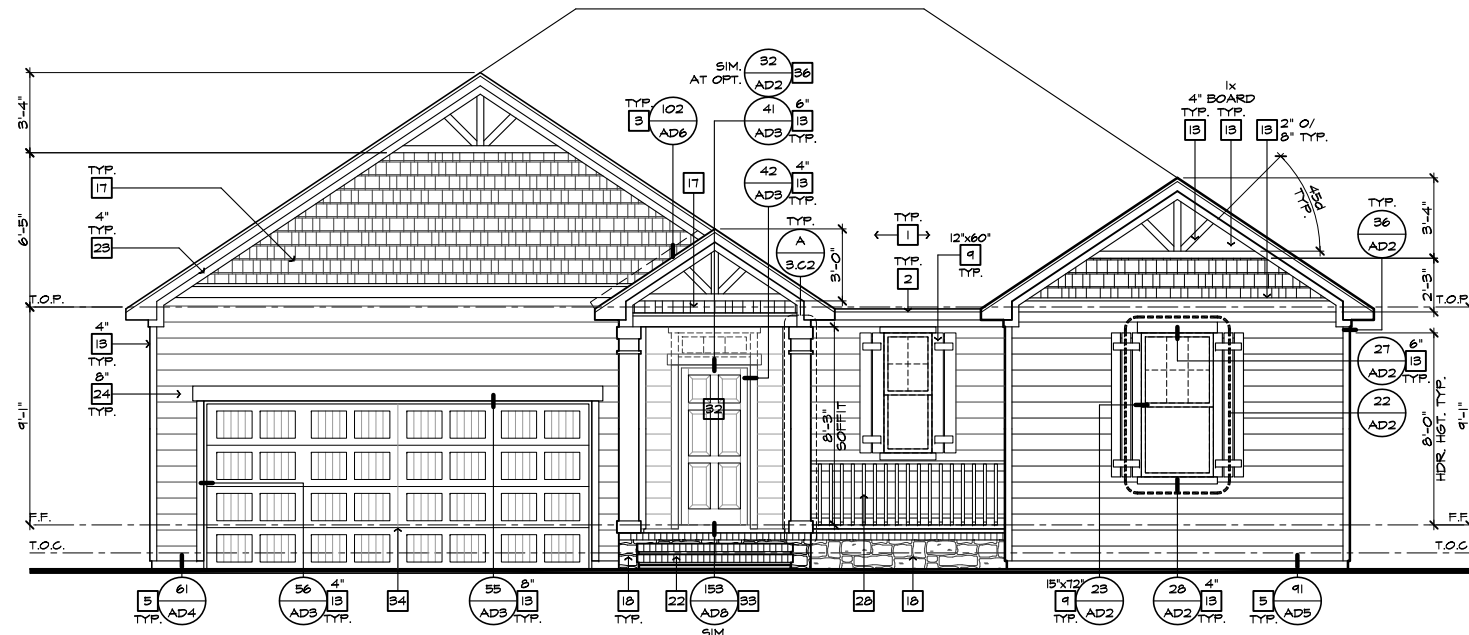
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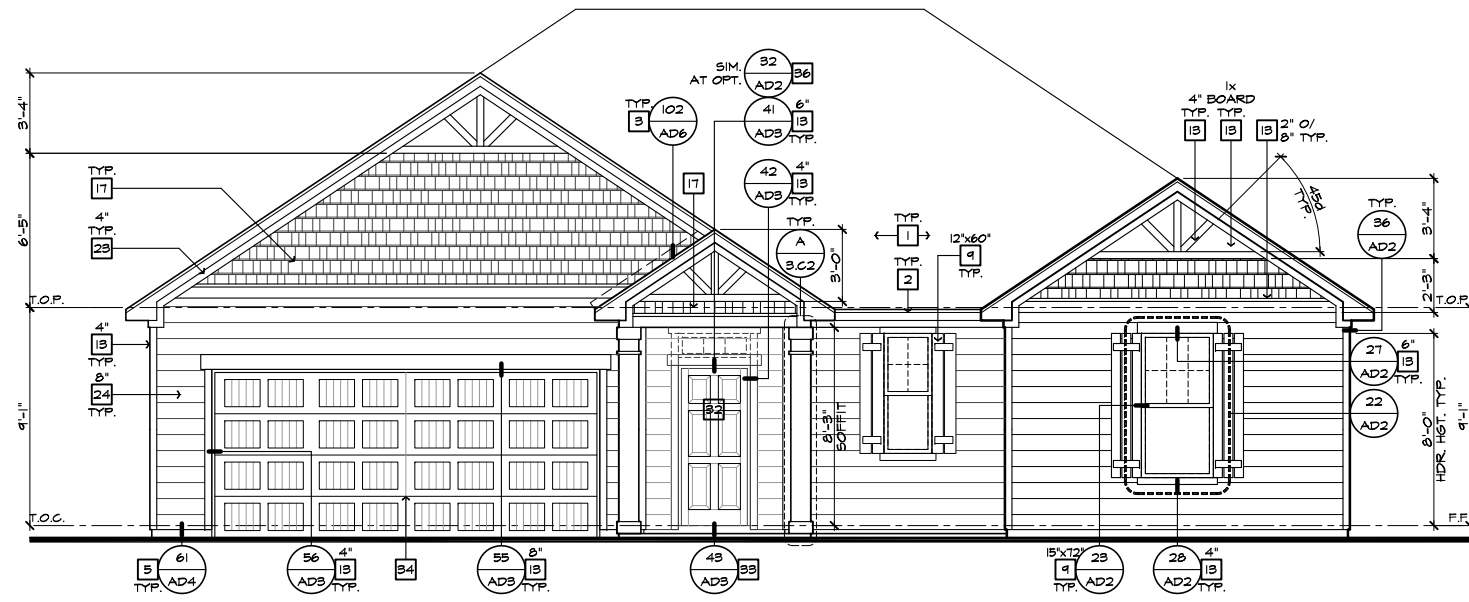
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**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

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FRONT ELEVATION 'C' W/ CRAWL SPACE  
AT OPTIONAL 9'-1" PLT. HGT.  
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



FRONT ELEVATION 'C'  
AT OPTIONAL 9'-1" PLT. HGT.  
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

- # ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1. FLASHING
  4. 6:1. FLASHING & SADDLE/CRICKET
  5. 6:1. DRIP SCREED
  6. 24"X24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. ROWLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (#36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON 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
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  41. WATER TABLE
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  43. PILASTER - SEE ELEVATION FOR TYPE



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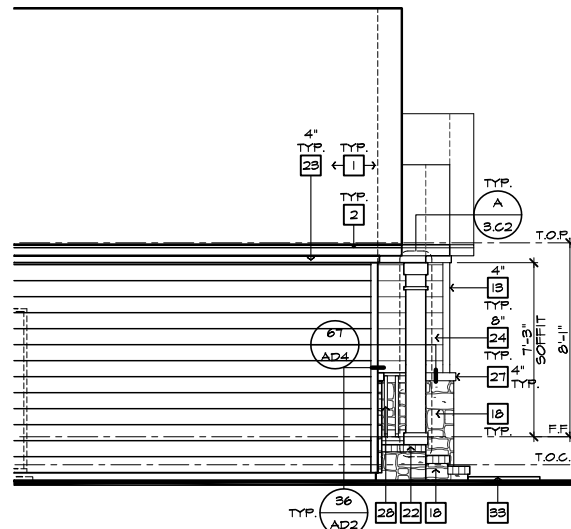
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PLAN:  
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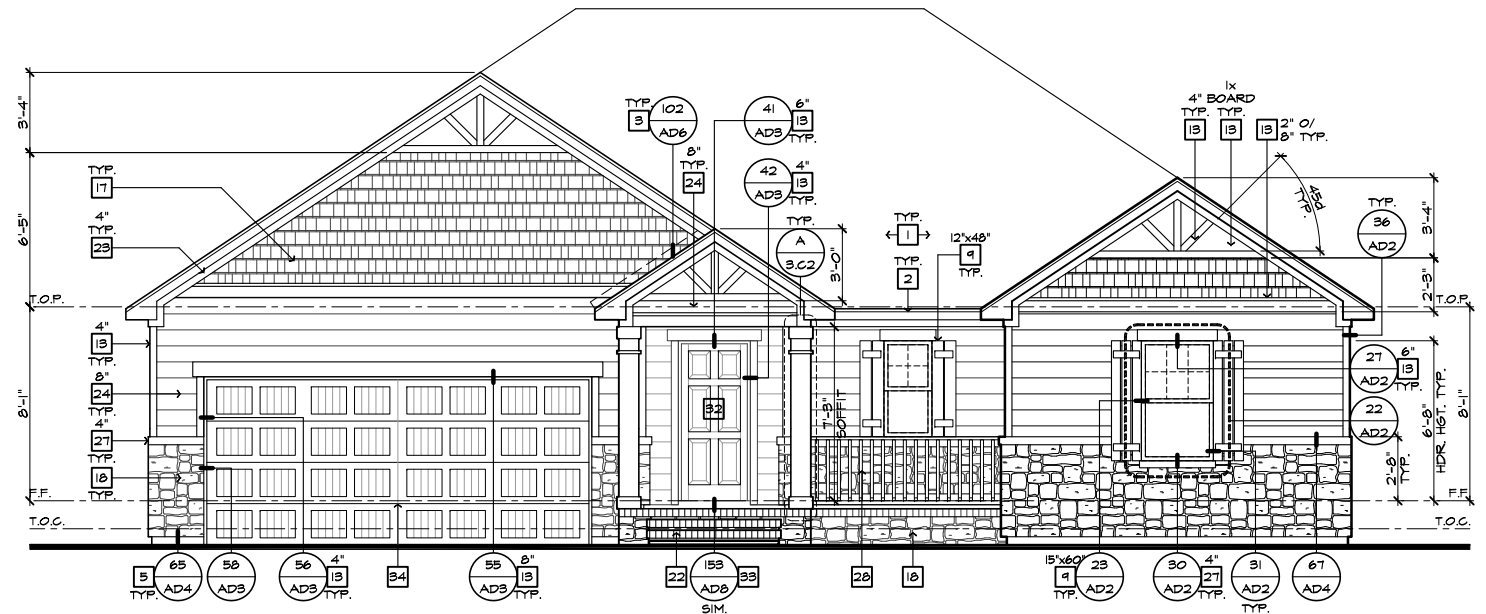
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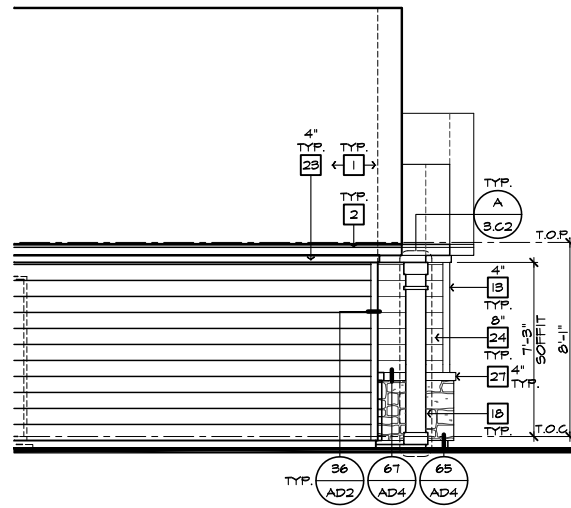
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**PARTIAL LEFT ELEVATION 'C' W/ STONE AT CRAWL SPACE**  
 SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



**FRONT ELEVATION 'C' W/ STONE AT CRAWL SPACE**  
 SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

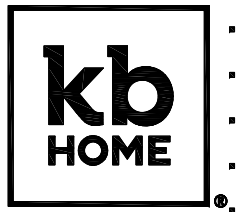


**PARTIAL LEFT ELEVATION 'C' W/ STONE OPTION**  
 SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



**FRONT ELEVATION 'C' W/ STONE OPTION**  
 SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

# ELEVATION NOTES	
NOTE: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6.1. FLASHING
4.	6.1. FLASHING & SADDLE/CRICKET
5.	6.1. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM - SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	RONLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	RAILINGS (+36" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE



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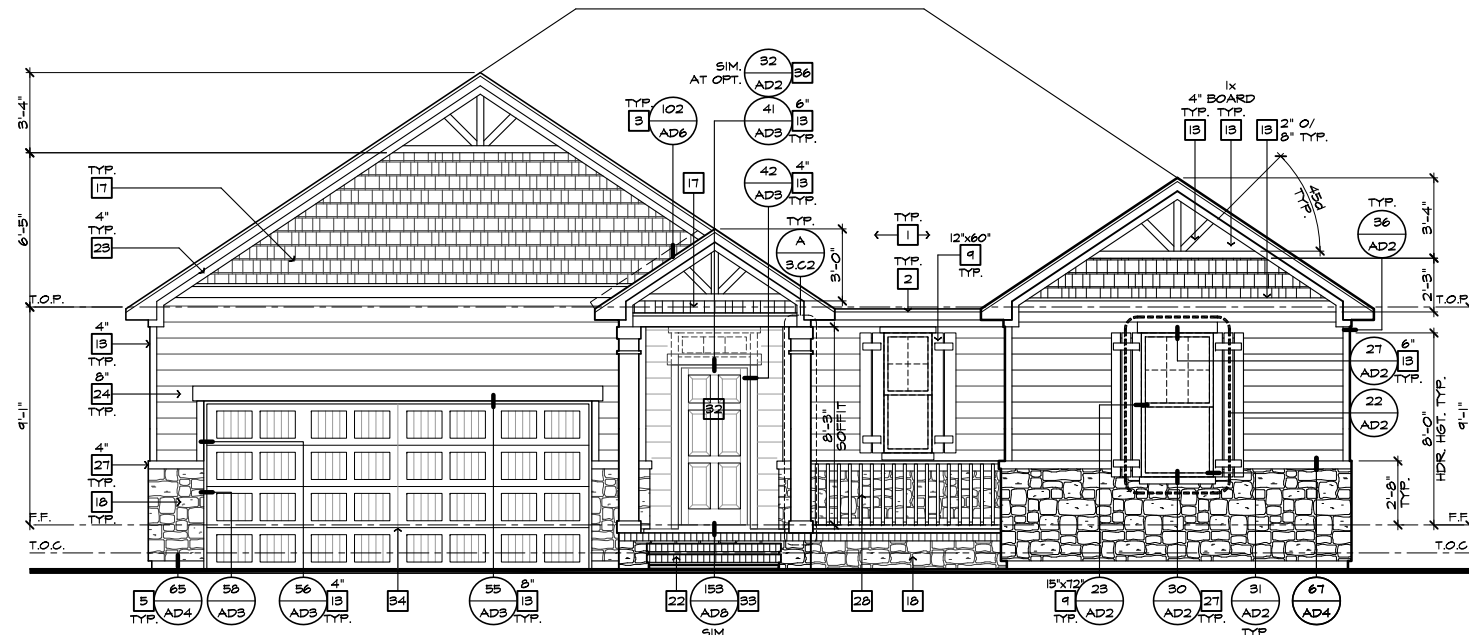


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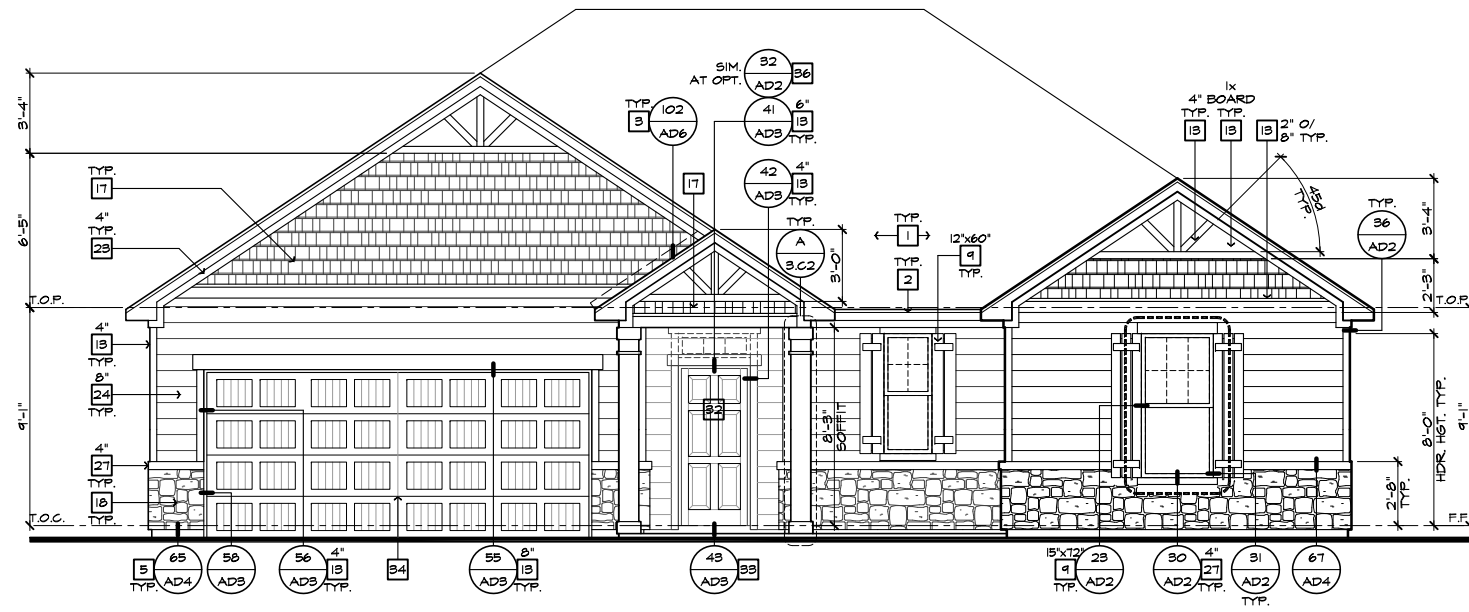
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FRONT ELEVATION 'C' W/ STONE AT CRAWL SPACE  
AT OPTIONAL 9'-1" PLT. HGT.  
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")



FRONT ELEVATION 'C' W/ STONE  
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SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

- # ELEVATION NOTES**
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1. ROOF MATERIAL - REFER TO ROOF NOTES
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  3. 6/1. FLASHING
  4. 6/1. FLASHING & SADDLE/CRICKET
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  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
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  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (#36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
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TEL: (919) 768-7988  
FAX: (919) 472-0582

**2018 NORTH  
CAROLINA STATE  
BUILDING  
CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
DIVISION MGR.: MP  
REVISIONS:

**1 VENTILATION**  
NC2008NCP/ 01/17/20 /KBA

FOR INTERNAL USE ONLY

REVISIONS BY:	DATE:
1.	
2.	
3.	
4.	
5.	
6.	

PLAN:  
**150.1910**  
SHEET:  
**3.C8**

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

NOTE:  
REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

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#	PARTIAL PLAN NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
27.	WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS)
28.	WATER HEATER B VENT TO OUTSIDE AIR
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
34.	LINE OF WALL BELOW
41.	LINE OF FLOOR ABOVE
42.	LINE OF FLOOR BELOW
43.	MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
50.	A/C PAD LOCATION
51.	LOW WALL - REFER TO PLAN FOR HEIGHT
52.	2x6 STUD WALL
54.	DBL. 2x4 WALL PER PLAN
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
57.	FLAT SOFFIT
58.	ARCHED SOFFIT
60.	OPT. DOOR/WINDOW
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FLYCON OR EQ. SURROUNDING STRUCTURAL POST.
62.	BRICK / STONE VENEER - REFER TO ELEVATIONS
63.	SECTIONAL GARAGE DOOR PER SPECS
66.	3" DIAM. CONCRETE FILLED FIRE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
68.	P.T. POST IV WRAP.
70.	EGRESS WINDOW
75.	WINDOW LEDGE - HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES UNO.
76.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
77.	CONCRETE SLAB - SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SITE.

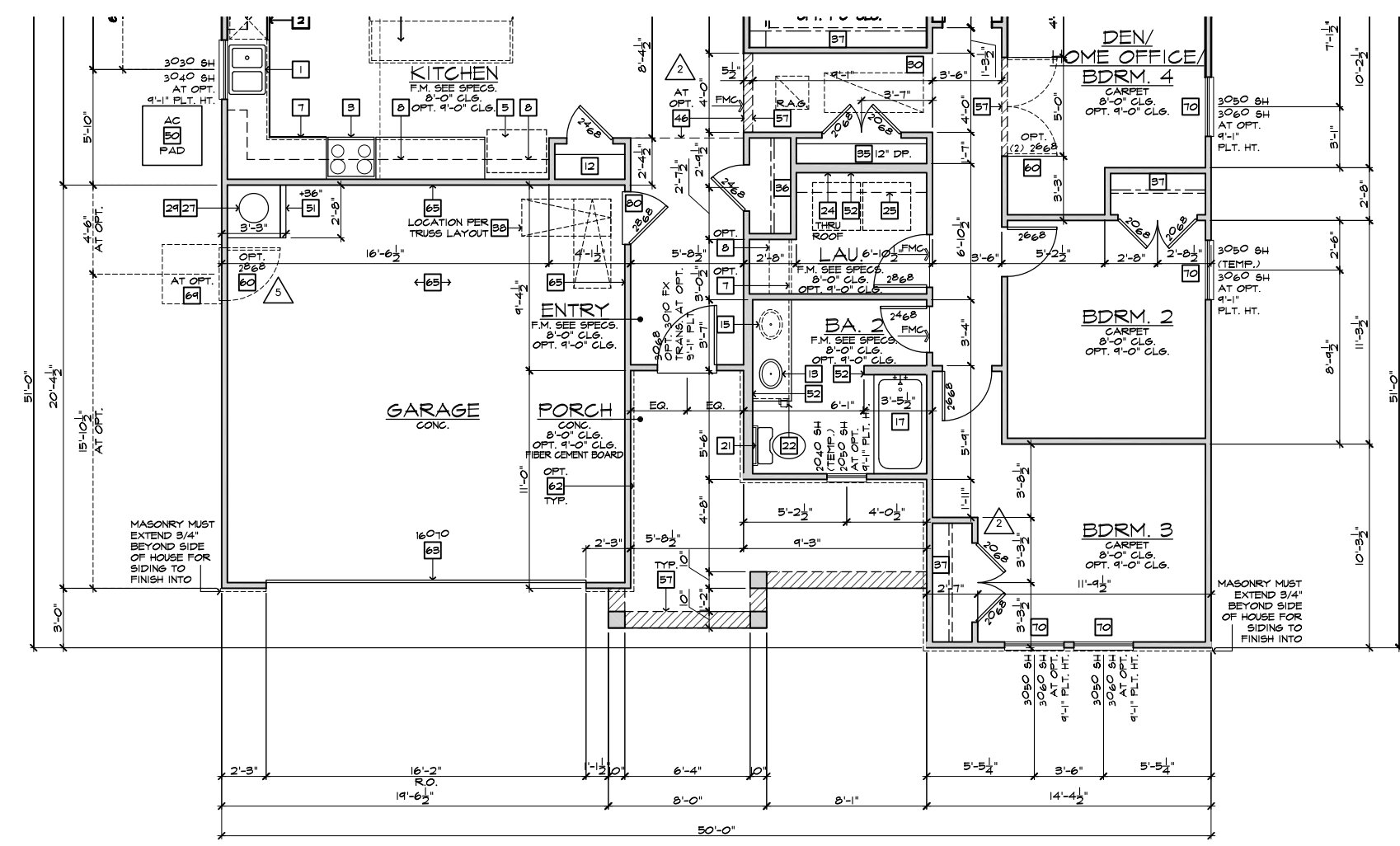


## NORTH CAROLINA 50' SERIES

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4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
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## 2018 NORTH CAROLINA STATE BUILDING CODES

- ISSUE DATE: 12/13/19  
PROJECT No.: 1350099-57  
DIVISION MGR.: DS
- REVISIONS:
- 1 VENTILATION NC2008NCP / 01/17/20 / KBA
  - 2 FRAMEWALK NC20019NCP / 03-25-20 / KBA
  - 3 HOME OFFICE CORP20043CORP / 07/31/20 / KBA
  - 4 ADD NOTE TO 'T' NC20057NCP - 10/06/20 - KBA
  - 5 GARAGE SERVICE DOOR NC21004NCP - 03/25/21 - KBA



PARTIAL FLOOR PLAN 'D'

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

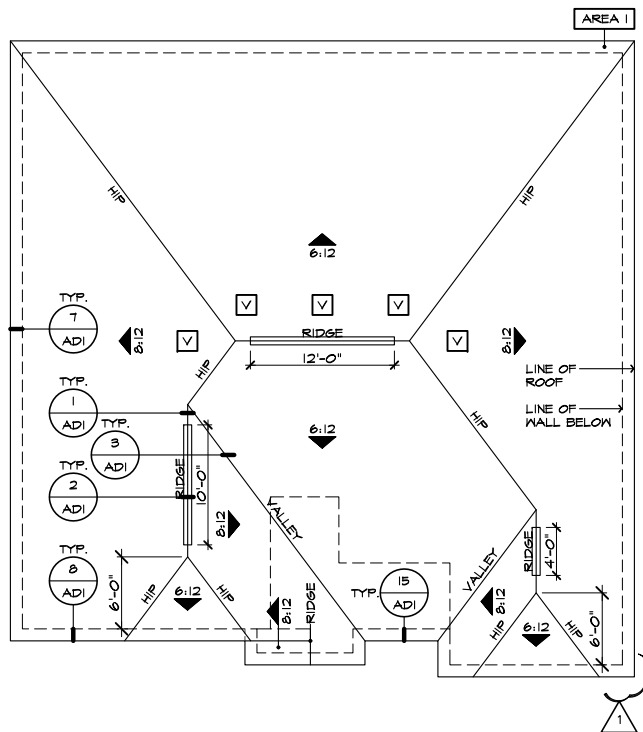
BASIC PLAN

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

PLAN: 150.1910  
SHEET: 3.D1

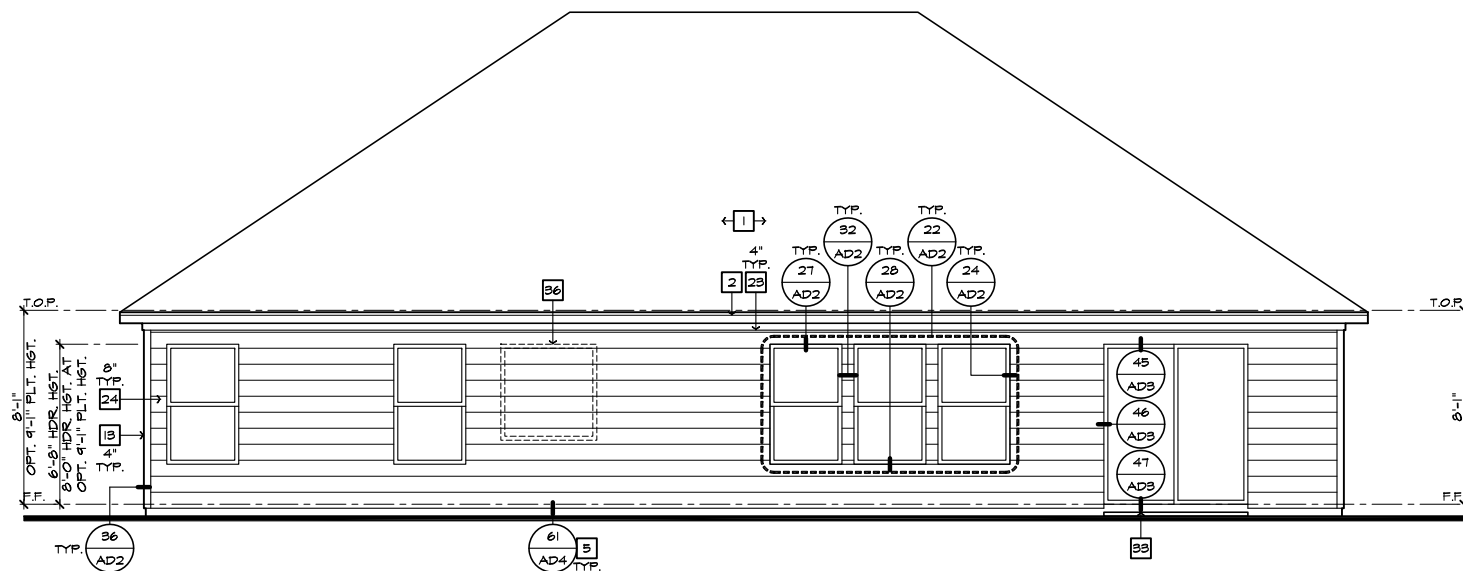
## SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

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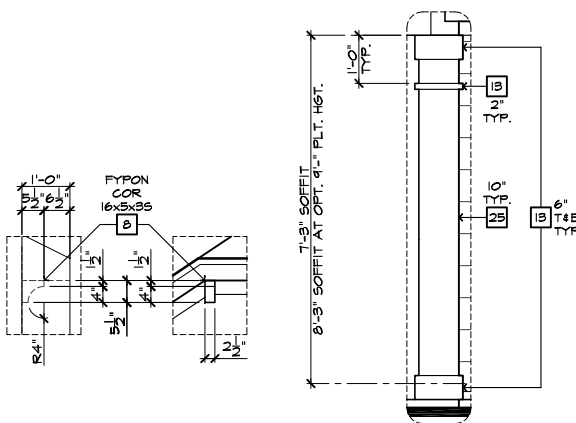
**ROOF PLAN 'D'**

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



**REAR ELEVATION 'D'**

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

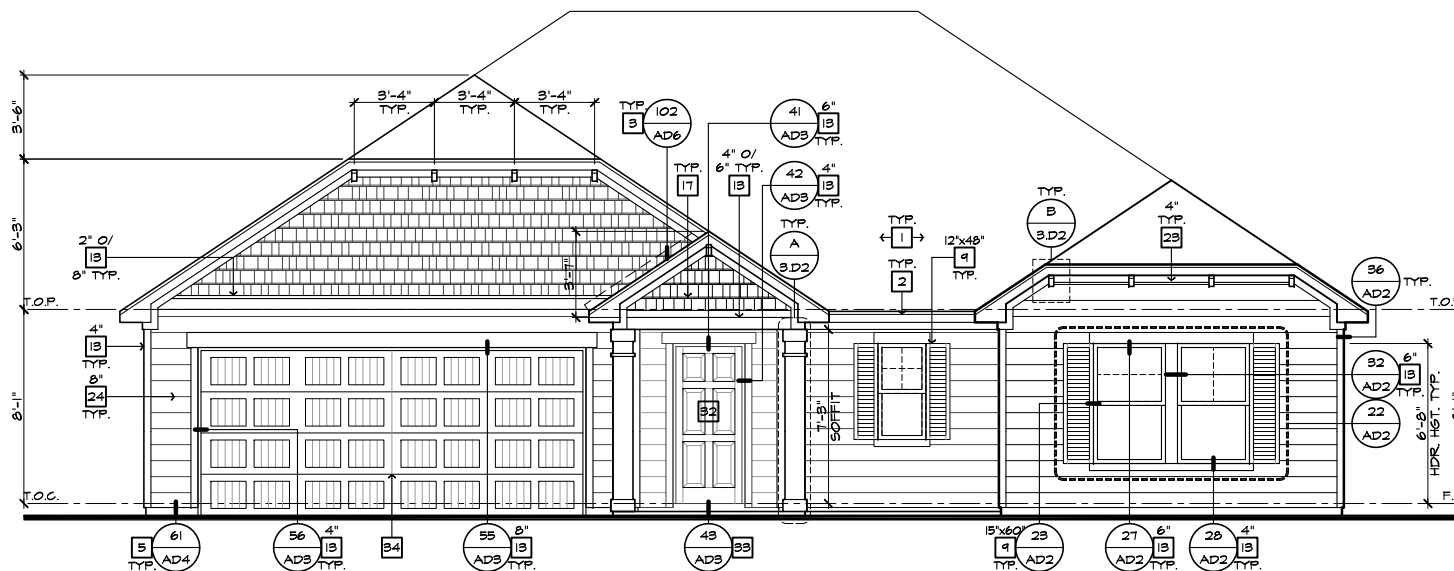


**DETAIL B**

SCALE 1/2"=1'-0"

**DETAIL A**

SCALE 1/2"=1'-0"



**FRONT ELEVATION 'D'**

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

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1. FLASHING
  4. 6:1. FLASHING & SADDLE/CRICKET
  5. 6:1. DRIP SCREED
  6. 24"x24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. ROWLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (#36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE

- ROOF PLAN NOTES 'D'**
- 6:12 INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
- ROOF MATERIAL: COMPOSITION SHINGLE  
 12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.  
 12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.  
 LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

**ATTIC VENT CALCULATIONS**

PROVIDE 1 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 1 / MAIN**

VENTILATION REQUIRED:	SQ. FT. / 300	3.20 SQ. FT.
ATTIC AREA = 2454	X 144 =	1180 SQ. IN.
	TOTAL HIGH & LOW =	1180 SQ. IN.
	X 50% =	590 SQ. IN.

VENTILATION PROVIDED:	HIGH	LOW	TOTAL
26 LF RIDGE VENT(S) AT	10 SQ. IN. / LF. =	460 SQ. IN.	
5 ROOF VENT(S) AT	50 SQ. IN. EA. =	250 SQ. IN.	
<b>SUB-TOTAL HIGH VENTILATION:</b>		<b>710 SQ. IN.</b>	
102 LF VENTILATED SOFFIT AT	6.9 SQ. IN. / LF. =	704 SQ. IN.	
0 ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.	
<b>TOTAL VENTILATION PROVIDED:</b>		<b>1422 SQ. IN.</b>	

**NOTES:**

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

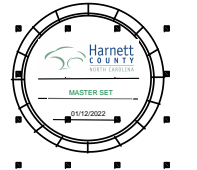
FRAMER SHALL BE RESPONSIBLE FOR COORDINATING WITH TRUSS MANUFACTURER TO ACCOMMODATE ALL ATTIC VENTS.

ALL VENTS SHALL BE INSTALLED SO AS TO MAKE THEM WATER-PROOF & WALL MOUNTED LOUVERS SHALL BE SEALED & FLASHED W/ "MOISTOP" IN THE SAME MANNER PRESCRIBED FOR WINDOW INSTALLATION.

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'-0" VERTICAL DISTANCE ABOVE EAVES.

WHEN GABLE END TRUSS MEMBERS BLOCK GABLE END VENTS, PROVIDE ADEQUATE ADDITIONAL VENTILATION BY MEANS OF ROOF TILE VENTS.



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REVISIONS:

1 VENTILATION NC2008NCP/ 01/17/20 /KBA

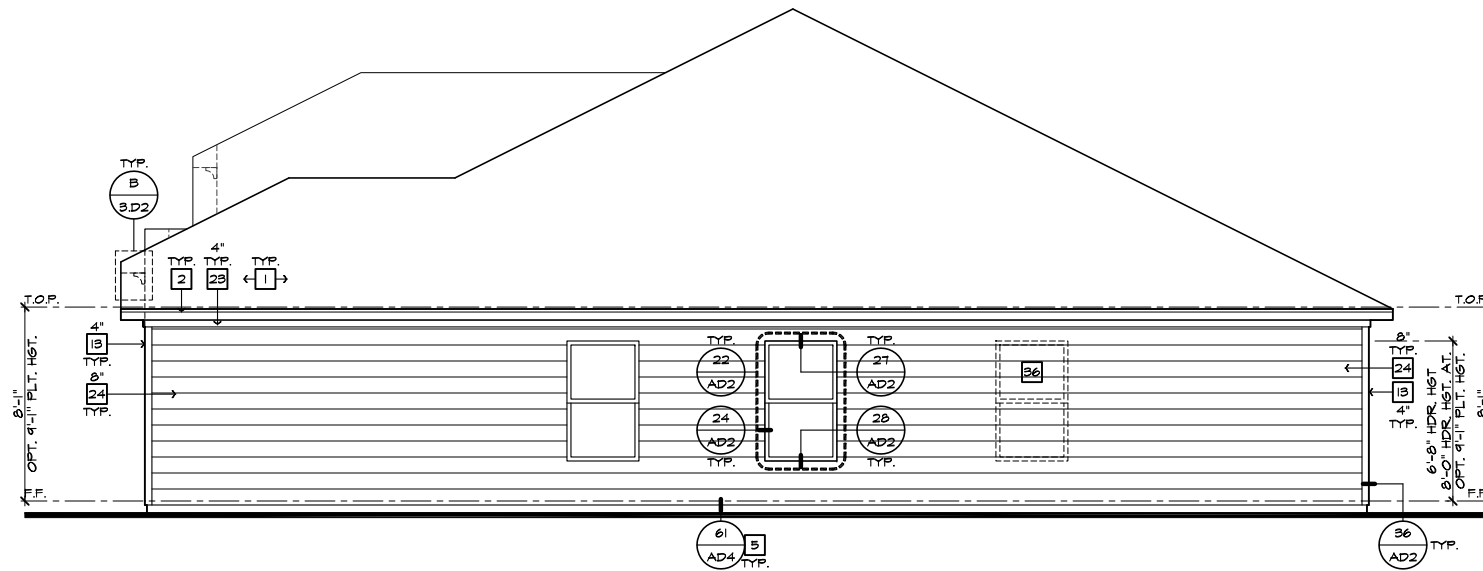
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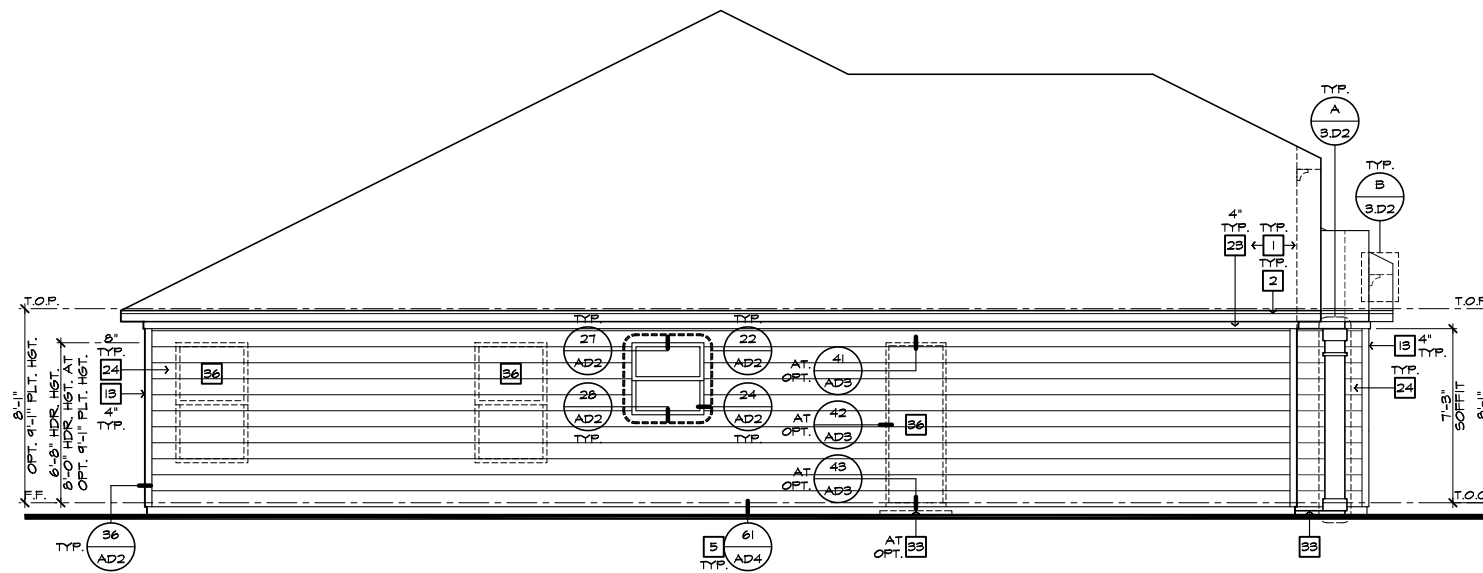
PLAN: 150.1910  
 SHEET: 3.D2

**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

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**RIGHT ELEVATION 'D'**  
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



**LEFT ELEVATION 'D'**  
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

#	ELEVATION NOTES
<b>NOTE: NOT ALL KEY NOTES APPLY.</b>	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6.1. FLASHING
4.	6.1. FLASHING & SADDLE/CRICKET
5.	6.1. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM - SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	ROCKLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	RAILINGS (#36" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE



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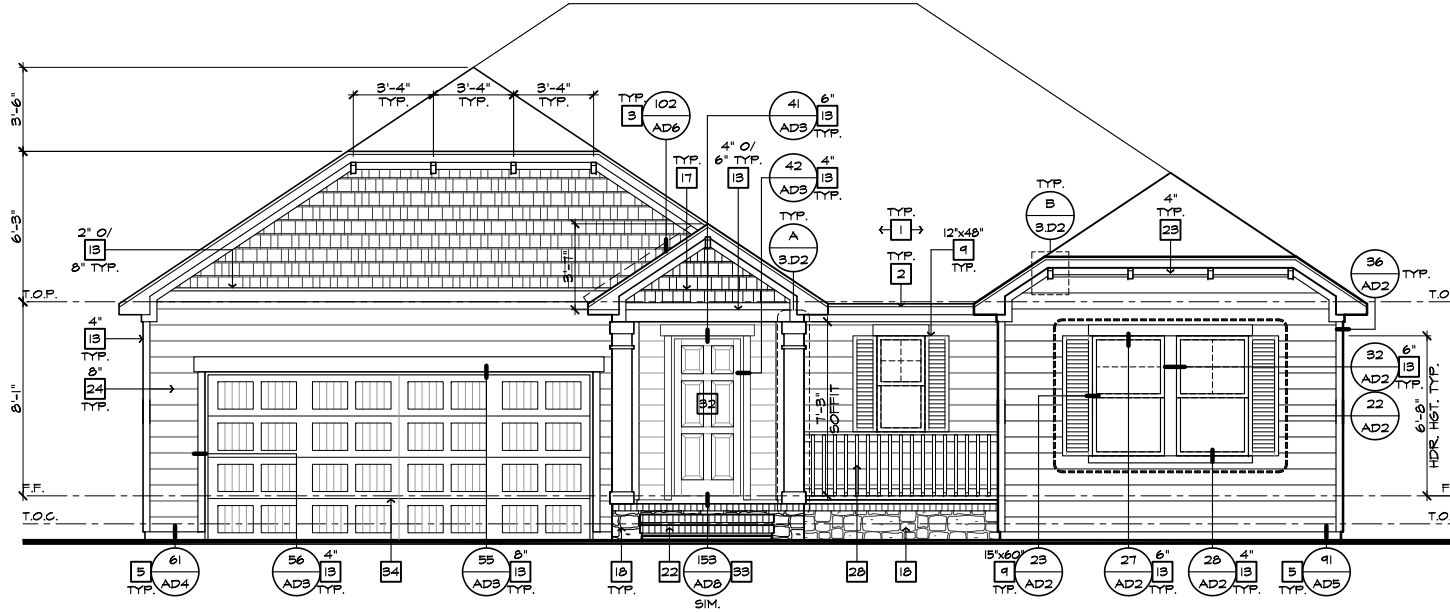
**1 VENTILATION**  
NC2008NCP/ 01/17/20 /KBA

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PLAN:  
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SHEET:  
**3.D3**

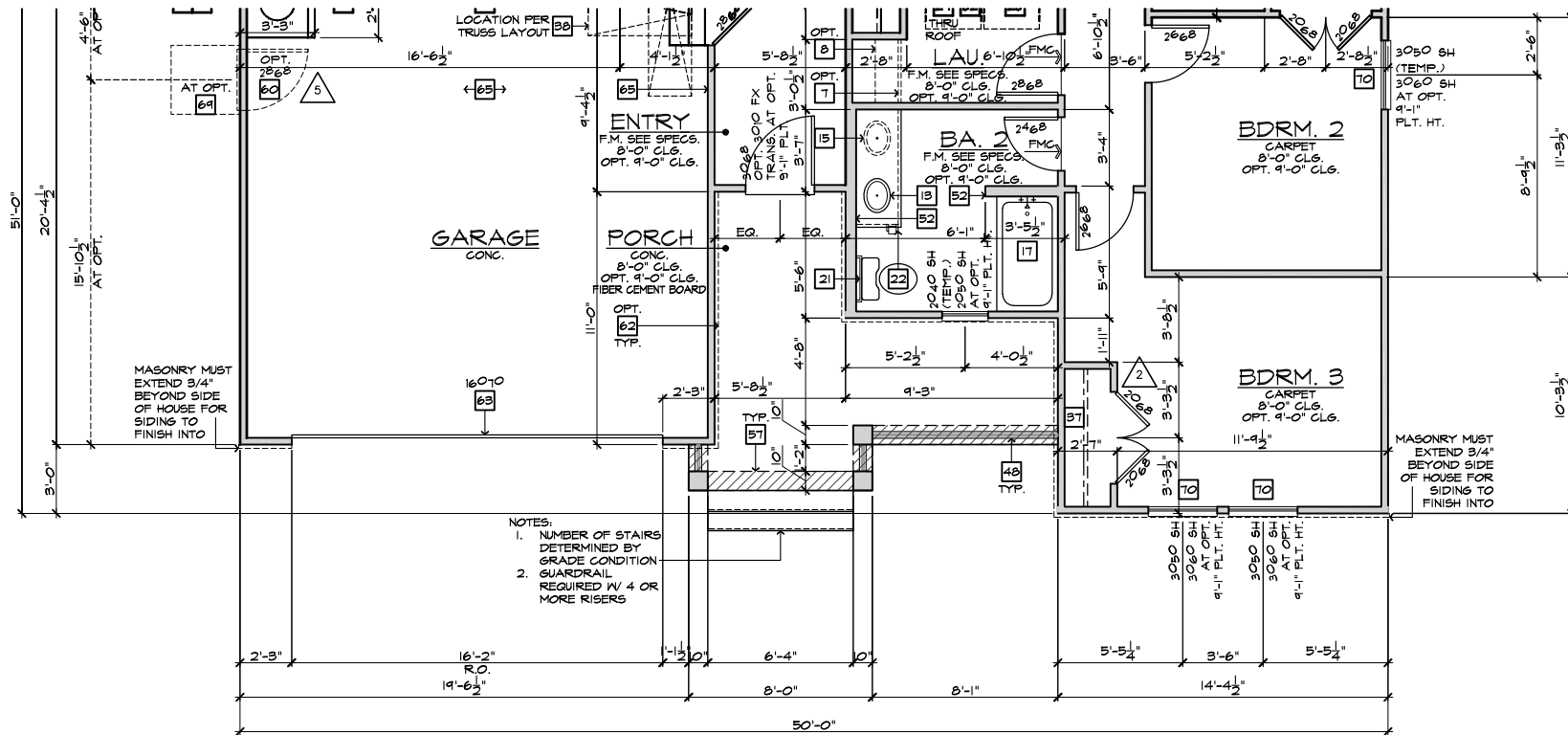
**SPEC. LEVEL 1  
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50' SERIES**

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**FRONT ELEVATION 'D' AT CRAWL SPACE**

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



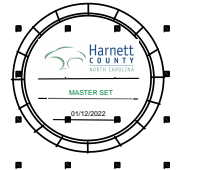
**PARTIAL FLOOR PLAN 'D' AT CRAWL SPACE**

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

BASIC PLAN

#	ELEVATION NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6.1. FLASHING
4.	6.1. FLASHING & SADDLE/CRICKET
5.	6.1. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	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
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 - FYPON 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/WINDING - 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

#	PARTIAL PLAN NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
27.	WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN (REFER TO DETAILS)
28.	WATER HEATER 'B' VENT TO OUTSIDE AIR
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
39.	LINE OF WALL BELOW
41.	LINE OF FLOOR ABOVE
42.	LINE OF FLOOR BELOW
50.	MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
50.	MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
51.	LOW MALL - REFER TO PLAN FOR HEIGHT
52.	2x6 STUD WALL
54.	DEL. 2x4 WALL PER PLAN
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
57.	FLAT SOFFIT
58.	ARCHED SOFFIT
60.	OPT. DOOR/ WINDOW
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
62.	BRICK / STONE VENEER - REFER TO ELEVATIONS
63.	SECTIONAL GARAGE DOOR PER SPECS
66.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH)
68.	P.T. POST W/ WRAP
75.	WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES U.N.O.
76.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
77.	CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE



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  - 4 ADD NOTE TO 'T' NC20037NCP - 10/06/20 - KBA
  - 5 GARAGE SERVICE DOOR NC21004NCP - 03/25/21 - KBA

PLAN: 150.1910  
SHEET: 3.D4

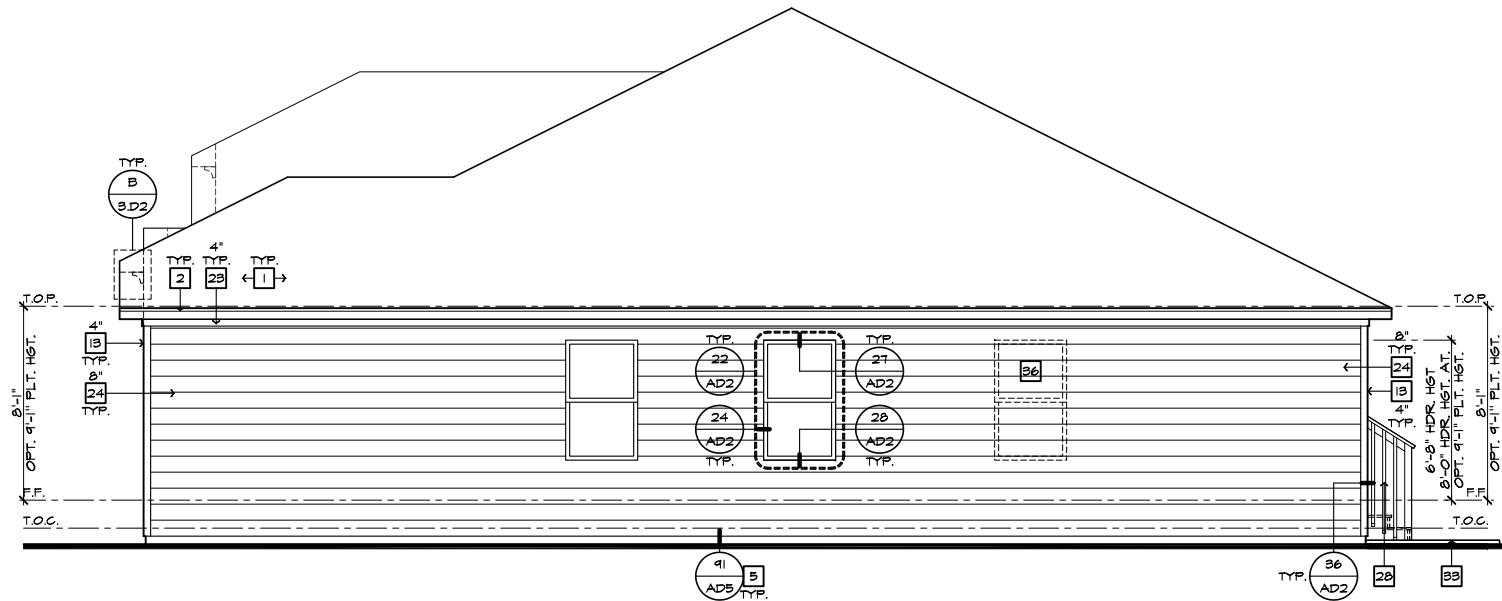
**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

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

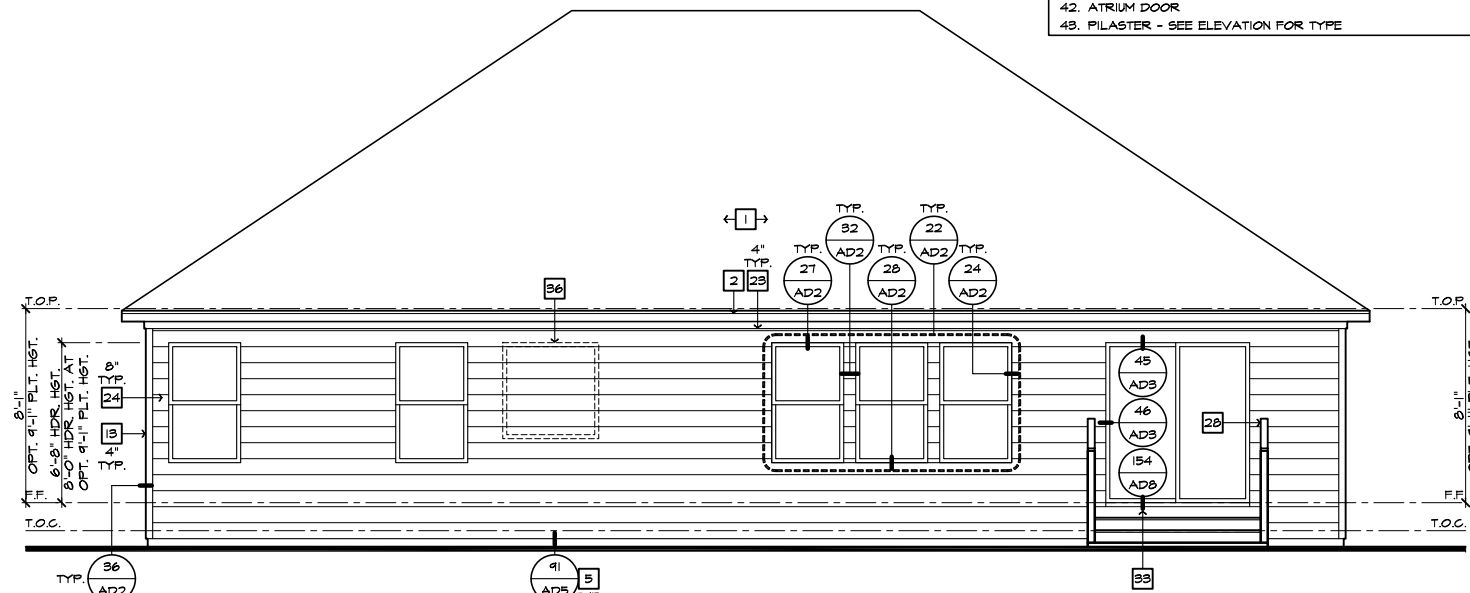
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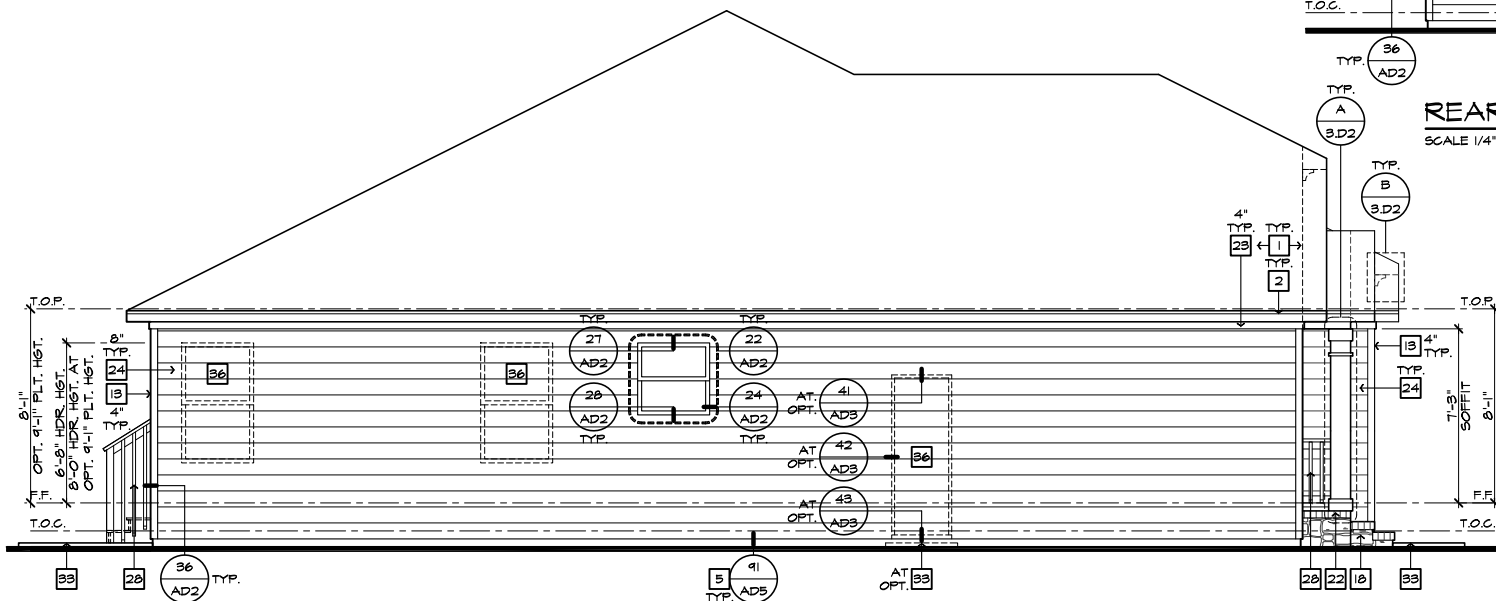
**RIGHT ELEVATION 'D' AT CRAWL SPACE**

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



**REAR ELEVATION 'D' AT CRAWL SPACE**

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



**LEFT ELEVATION 'D' AT CRAWL SPACE**

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

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1 FLASHING
  4. 6:1 FLASHING & SADDLE/CRICKET
  5. 6:1 DRIP SCREED
  6. 24"x24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. ROWLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (+36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE



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NORTH CAROLINA DIVISION

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**2018 NORTH CAROLINA STATE BUILDING CODES**

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PROJECT No.: 1350999:57  
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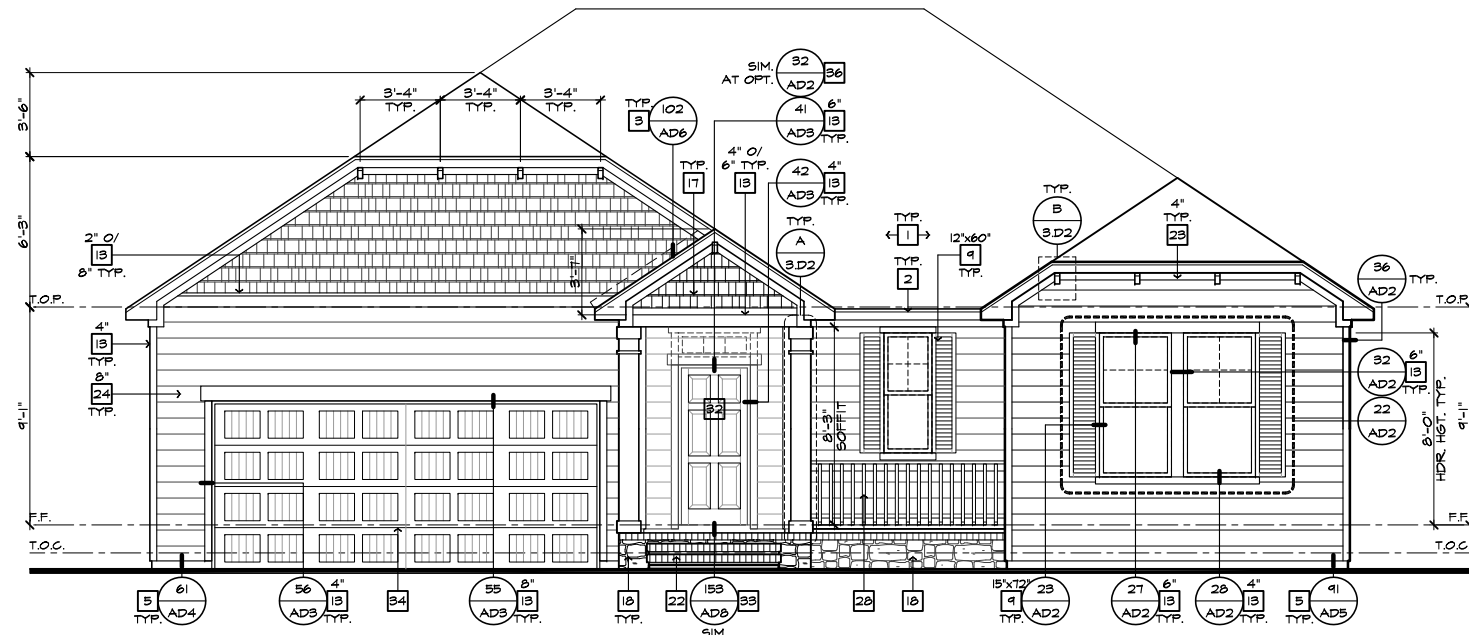
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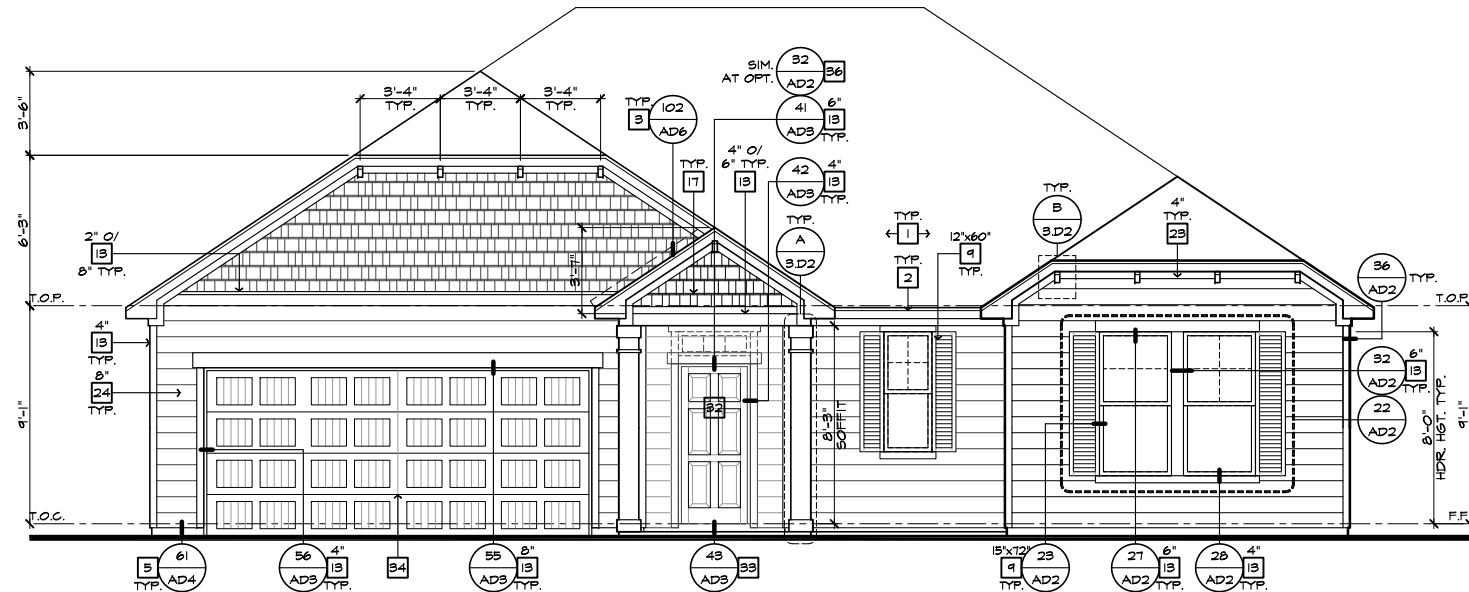
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SHEET: 3.D5

SPEC. LEVEL 1  
RALEIGH-DURHAM  
50' SERIES

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FRONT ELEVATION 'D' W/ CRAWL SPACE  
AT OPTIONAL 9'-1" PLT. HGT.  
SCALE 1/4"=1'-0" (22'x34') - 1/8"=1'-0" (11'x17')



FRONT ELEVATION 'D'  
AT OPTIONAL 9'-1" PLT. HGT.  
SCALE 1/4"=1'-0" (22'x34') - 1/8"=1'-0" (11'x17')

- # ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1. FLASHING
  4. 6:1. FLASHING & SADDLE/CRICKET
  5. 6:1. DRIP SCREED
  6. 24"x24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. RONLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (#36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON 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
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  40. JACK SOLDIER COURSE
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TEL: (919) 768-7988  
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**1 VENTILATION**  
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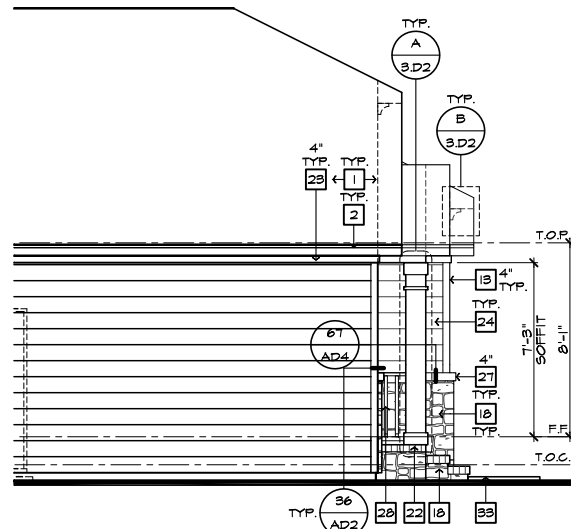
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SHEET:  
**3.D6**

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

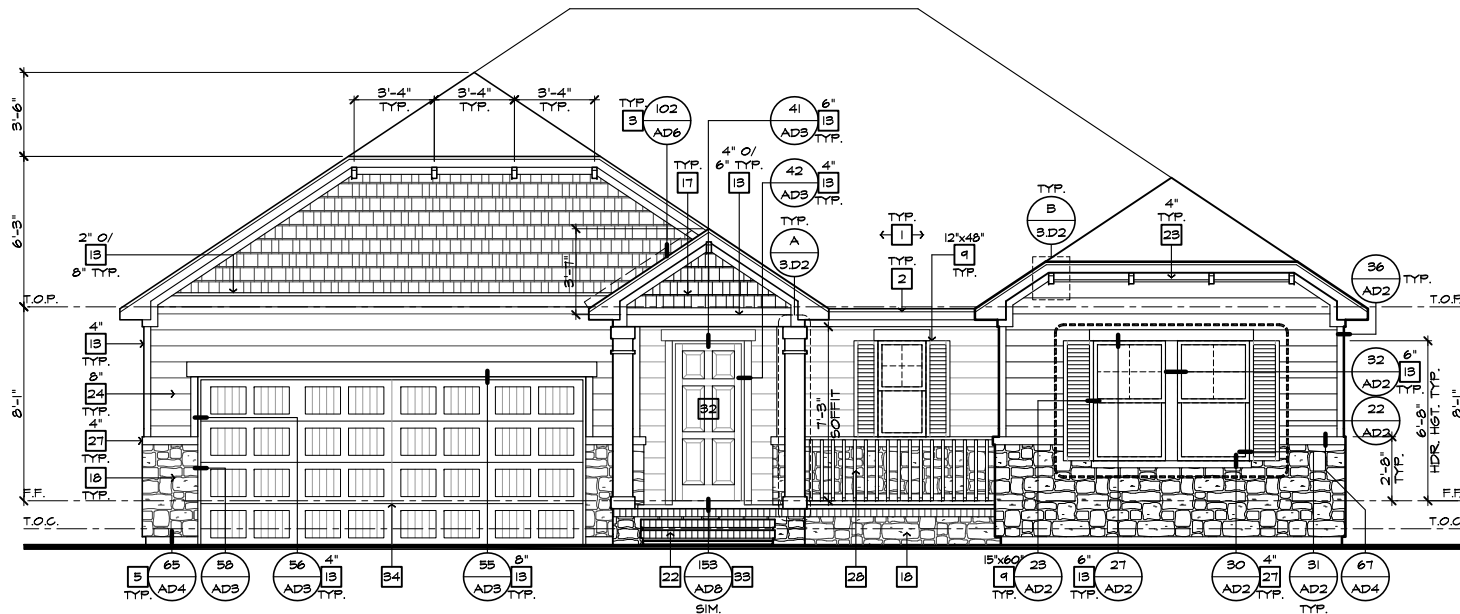
NOTE:  
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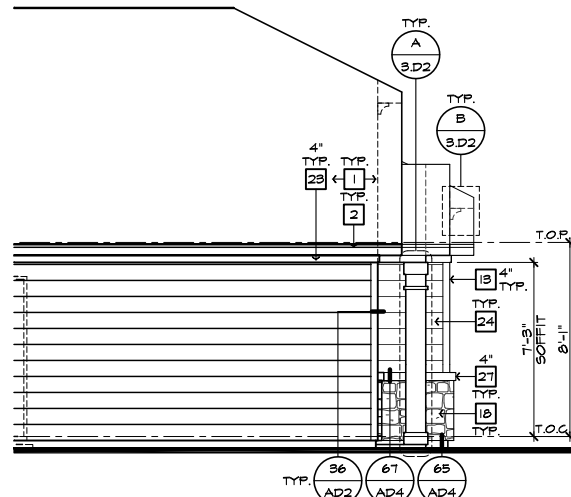
**PARTIAL LEFT ELEVATION  
'D' W/ STONE AT CRAWL SPACE**

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



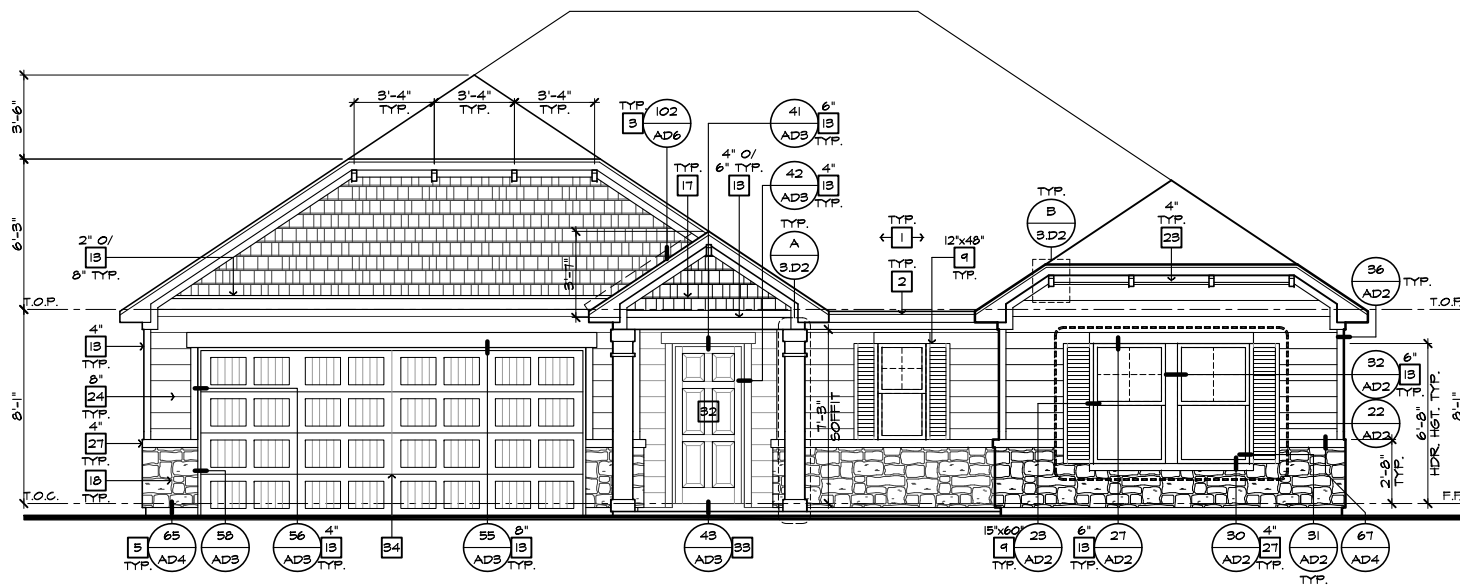
**FRONT ELEVATION 'D' W/ STONE AT CRAWL SPACE**

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



**PARTIAL LEFT ELEVATION  
'D' W/ STONE OPTION**

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



**FRONT ELEVATION 'D' W/ STONE OPTION**

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#	ELEVATION NOTES
<b>NOTE: NOT ALL KEY NOTES APPLY.</b>	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6.1. FLASHING
4.	6.1. FLASHING & SADDLE/CRICKET
5.	6.1. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM - SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	ROCKLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	RAILINGS (+36" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
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32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
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35.	ALUMINUM WRAP
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37.	OPTIONAL STANDING SEAM METAL ROOF
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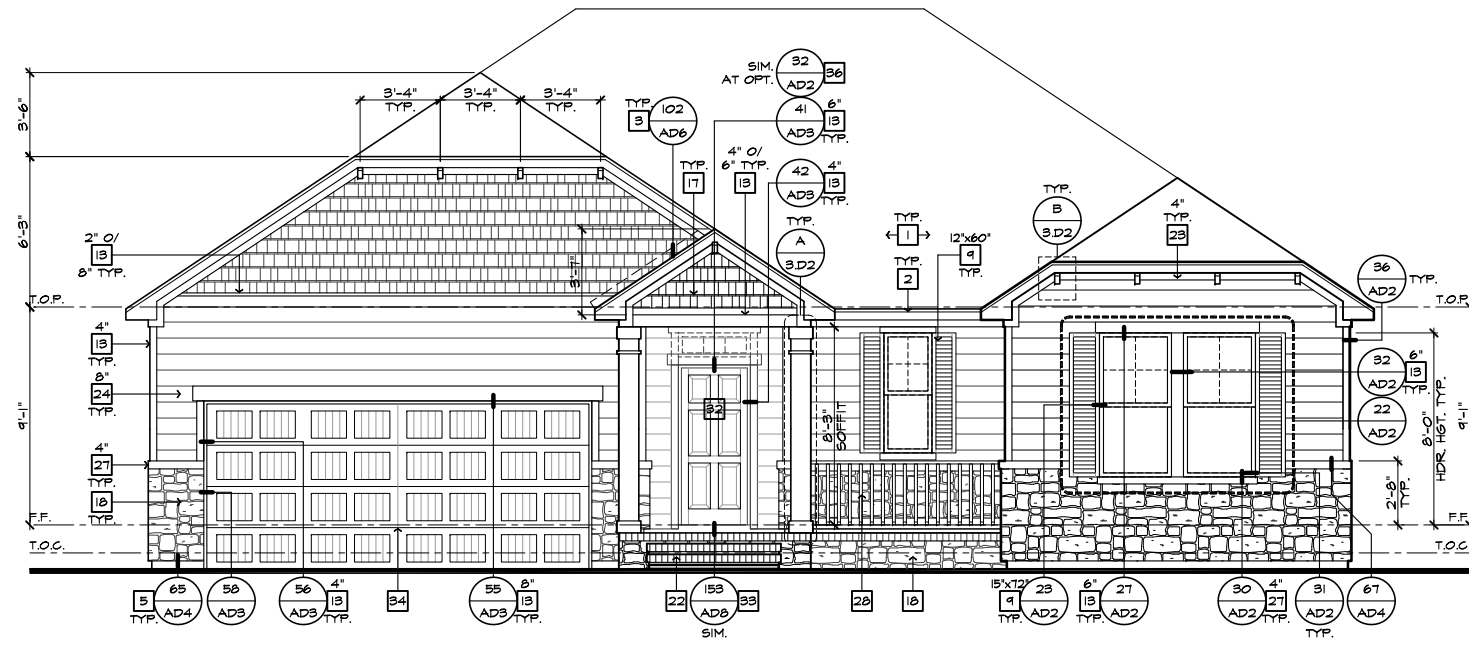


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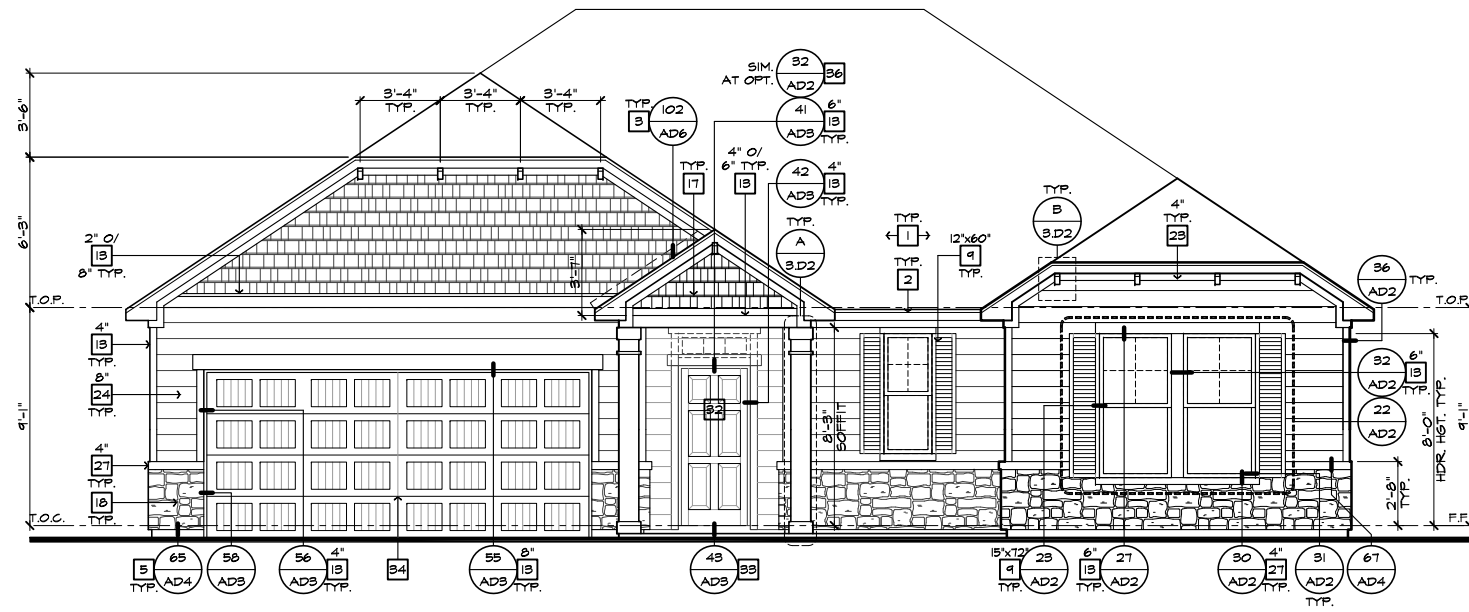
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**SPEC. LEVEL 1  
RALEIGH-DURHAM  
50' SERIES**

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FRONT ELEVATION 'D' W/ STONE AT CRAWL SPACE  
AT OPTIONAL 9'-1" PLT. HGT.  
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FRONT ELEVATION 'D' W/ STONE  
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  43. PILASTER - SEE ELEVATION FOR TYPE



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PLAN:  
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**SPEC. LEVEL 1  
RALEIGH-DURHAM  
50' SERIES**

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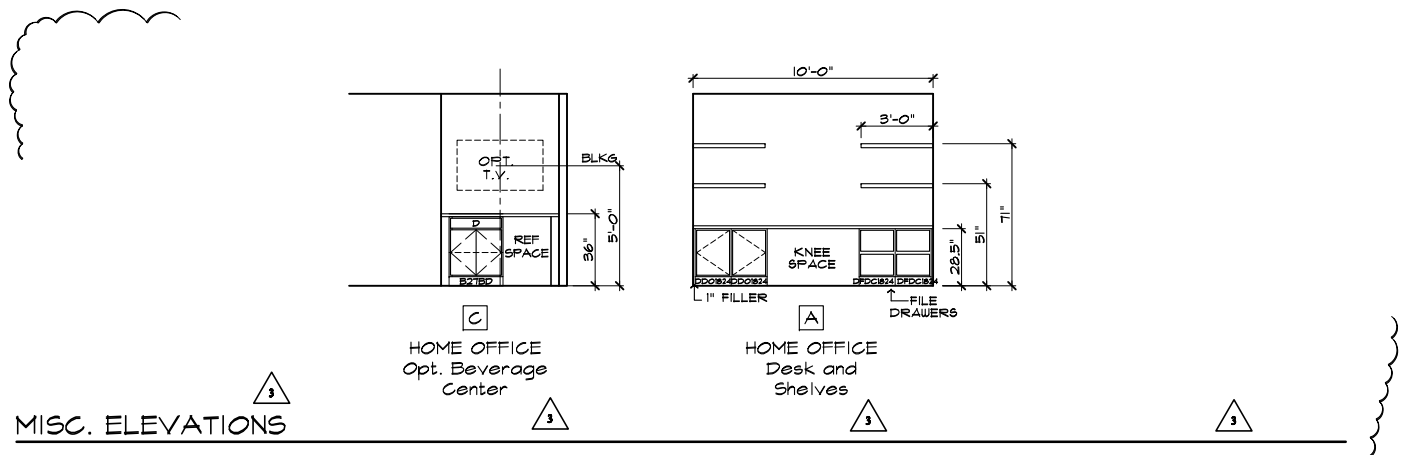
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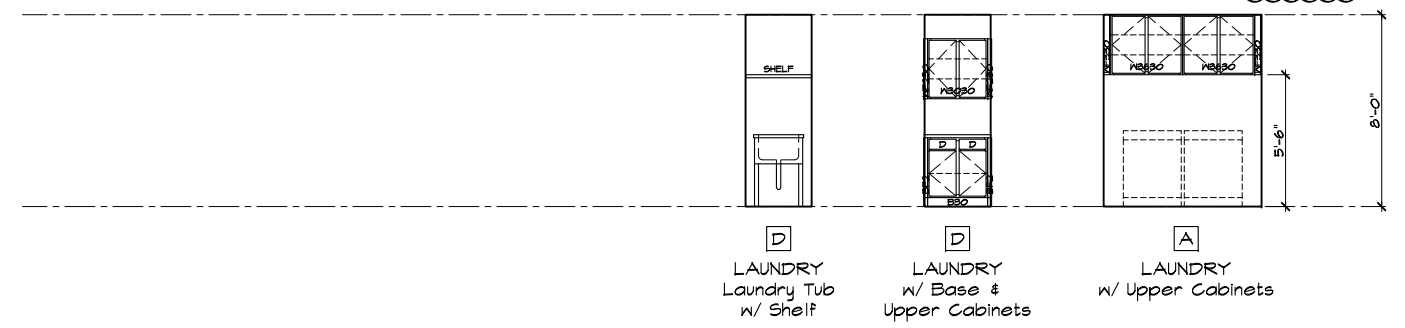
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PROJECT No.: 1350999-57  
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NC2008NCP/ 01/17/20 /KBA  
2 FRAMEWALK  
NC20019NCP/ 03-25-20 /KBA  
3 HOME OFFICE  
CORP20043CORP/ 07/31/20 /KBA

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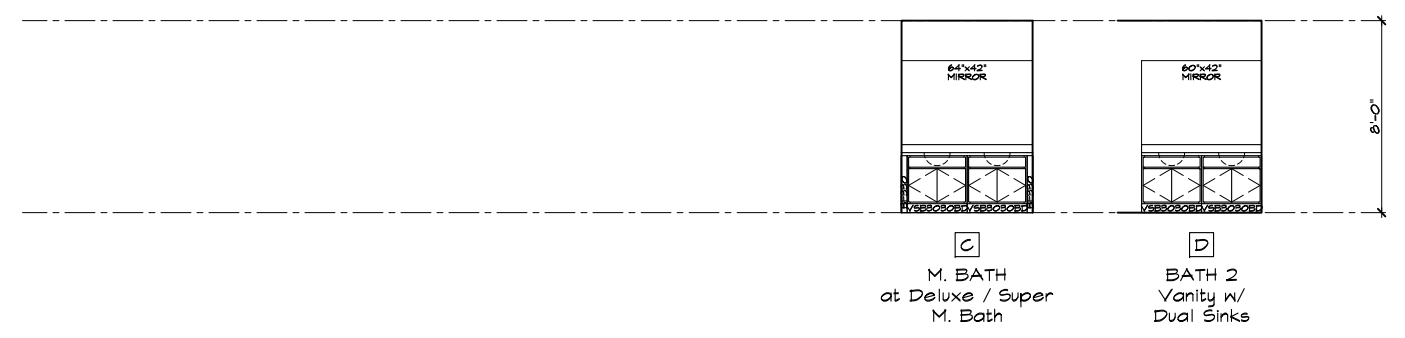
**SPEC. LEVEL 1  
RALEIGH-DURHAM  
50' SERIES**



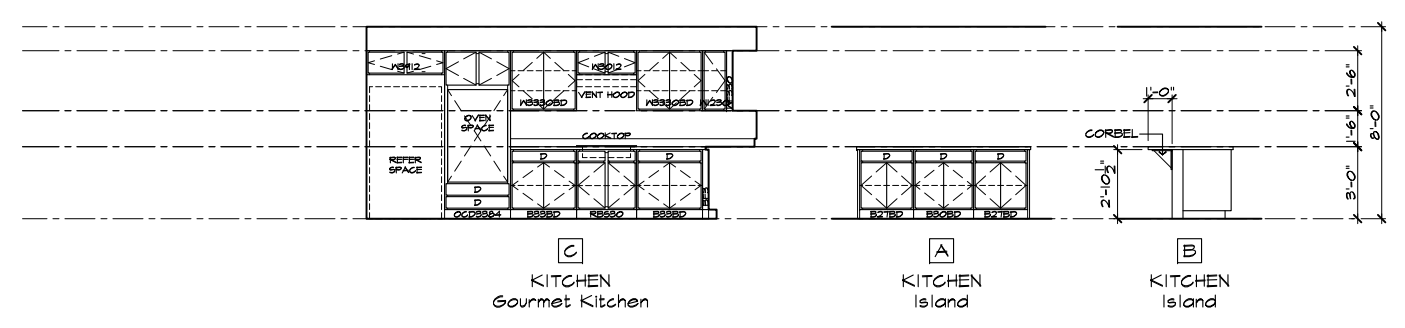
MISC. ELEVATIONS



MISCELLANEOUS INTERIOR ELEVATIONS



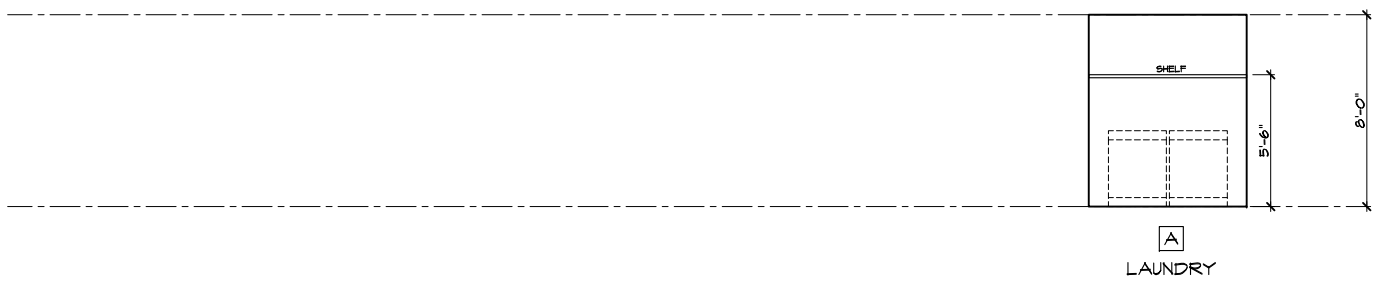
BATH ELEVATIONS



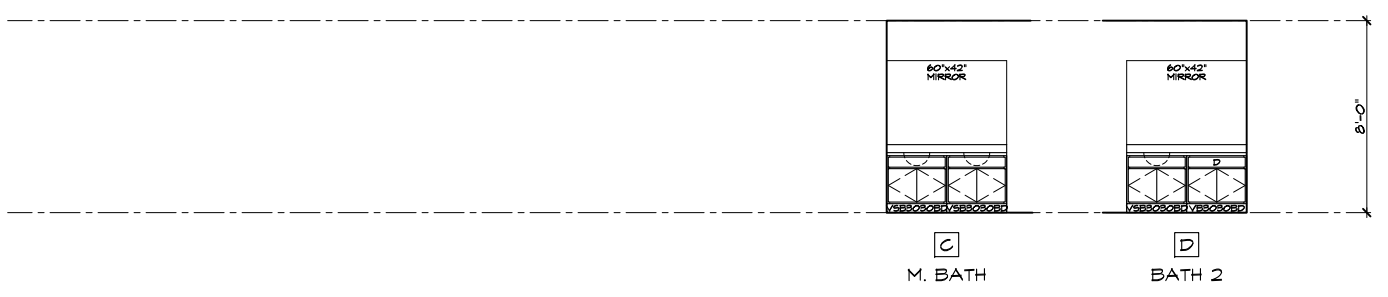
KITCHEN ELEVATIONS

**OPTIONAL INTERIOR ELEVATIONS**

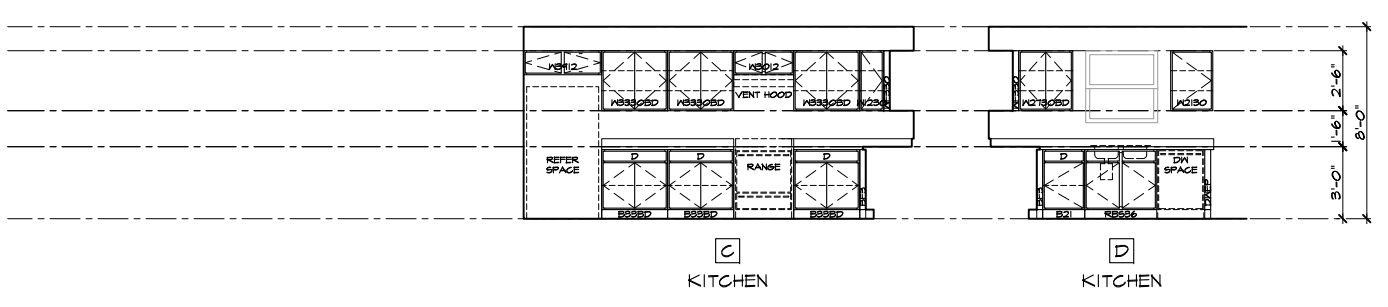
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



MISCELLANEOUS INTERIOR ELEVATIONS



BATH ELEVATIONS

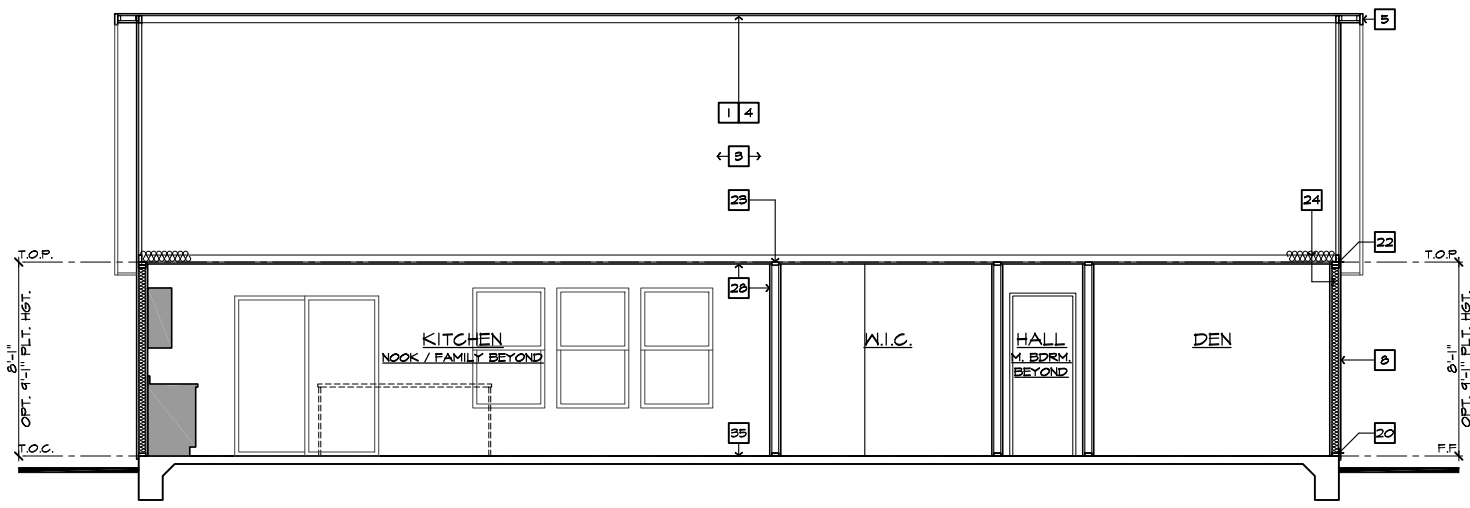


KITCHEN ELEVATIONS

**STANDARD INTERIOR ELEVATIONS**

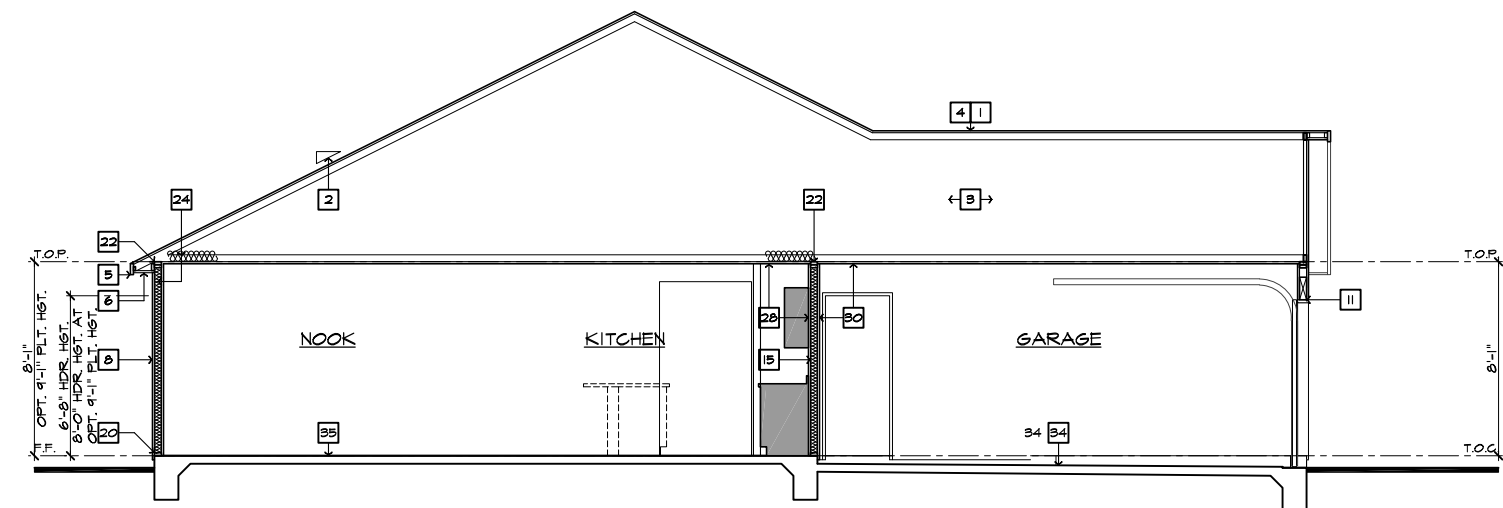
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

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

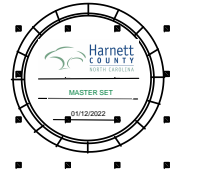
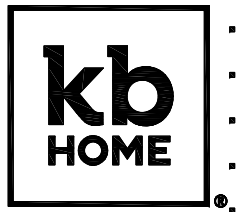
AT SLAB-ON-GRADE



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

AT SLAB-ON-GRADE

- # SECTION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. ROOF PITCH - REFER TO ROOF NOTES
  3. PRE-MANUFACTURED WOOD ROOF TRUSS SYSTEM - SEE STRUCTURAL & TRUSS CALCS
  4. ROOF SHEATHING PER STRUCTURAL
  5. 2x FASCIA/BARGE BOARD
  6. CONT. SOFFITED EAVE W/ VENTING
  7. G.I. FLASHING - ROOF TO WALL
  8. EXTERIOR FINISH PER ELEVATIONS
  9. FLOOR FRAMING PER STRUCTURAL
  10. FLOOR SHEATHING PER STRUCTURAL
  11. 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
  19. 2x CRIPPLES @ 16" O.C.
  20. 2x PRESSURE TREATED SILL PLATE
  21. 2x SOLE PLATE
  22. DBL. 2x TOP PLATE @ EXTERIOR & BEARING WALLS
  23. 1x 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. 10" 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 THAN 1/2" GYP. BD. @ GARAGE SIDE WALLS & 5/8" UNDER LIVING AREA U.N.O.
  31. MATERIAL TO UNDERSIDE OF ROOF SHEATHING
  32. INTERIOR SHELF - MIN. 1/2" 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
  41. 5/8" TYPE-X DRYWALL @ GARAGE CEILING
  42. WHEN THERE IS USABLE SPACE ABOVE AND BELOW THE CONCEALED SPACE OF A FLOOR-CEILING ASSEMBLY IN A SINGLE-FAMILY DWELLING, DRAFT STOPS SHALL BE INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT EXCEED 1000 SQUARE FEET. DRAFTSTOPPING SHALL DIVIDE THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS.



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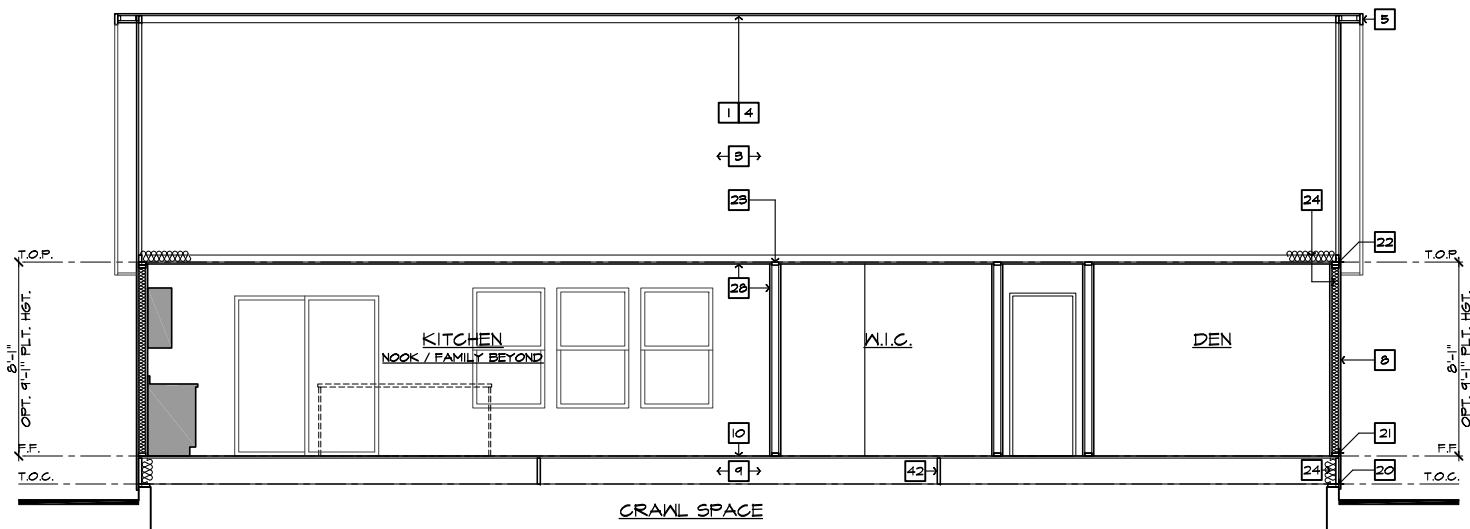
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PLAN: 150.1910  
SHEET: 4.2

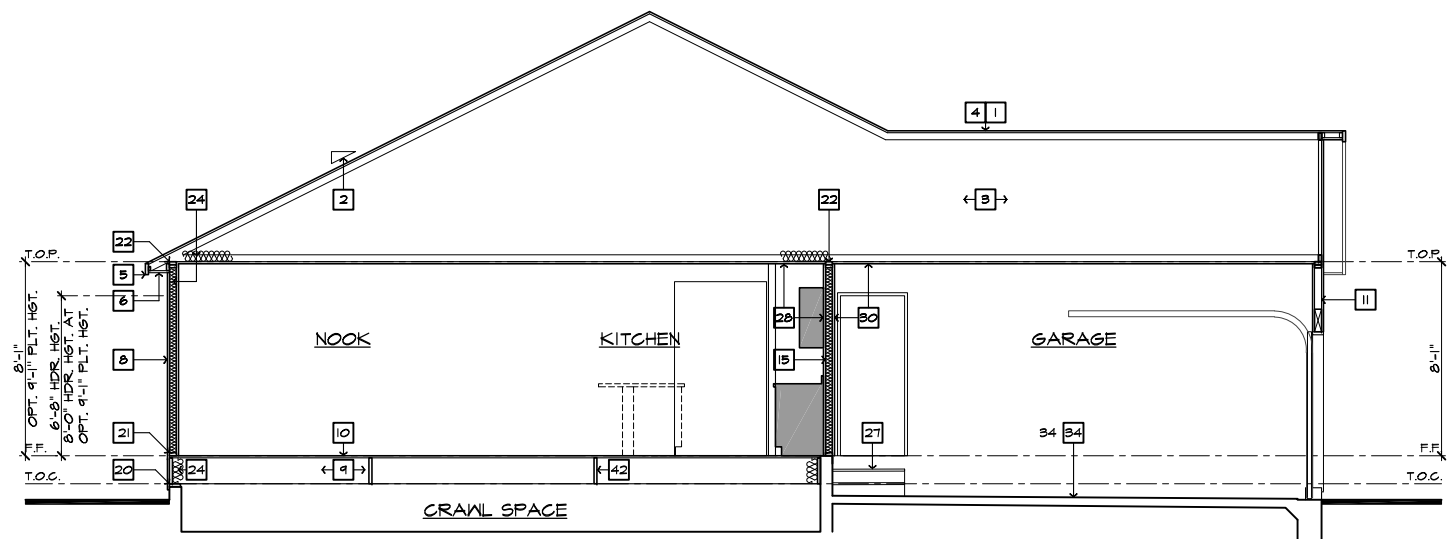
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**SECTION 'A'**  
SCALE 1/4"=1'-0" (22"X34") - 1/8"=1'-0" (11"X17")

AT CRAWL SPACE



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

AT CRAWL SPACE

- # SECTION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. ROOF PITCH - REFER TO ROOF NOTES
  3. PRE-MANUFACTURED WOOD ROOF TRUSS SYSTEM - SEE STRUCTURAL & TRUSS CALCS
  4. ROOF SHEATHING PER STRUCTURAL
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  20. 2x PRESSURE TREATED SILL PLATE
  21. 2x SOLE PLATE
  22. DBL. 2x TOP PLATE @ EXTERIOR & BEARING WALLS
  23. 1x 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. 10" 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 THAN 1/2" GYP. BD. @ GARAGE SIDE WALLS & 5/8" UNDER LIVING AREA U.N.O.
  31. MATERIAL TO UNDERSIDE OF ROOF SHEATHING
  32. INTERIOR SHELF - MIN. 1/2" 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
  41. 5/8" TYPE-X DRYWALL @ GARAGE CEILING
  42. WHEN THERE IS USABLE SPACE ABOVE AND BELOW THE CONCEALED SPACE OF A FLOOR-CEILING ASSEMBLY IN A SINGLE-FAMILY DWELLING, DRAFT STOPS SHALL BE INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT EXCEED 1000 SQUARE FEET. DRAFTSTOPPING SHALL DIVIDE THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS.



**NORTH CAROLINA 50' SERIES**

KB HOME  
NORTH CAROLINA DIVISION

4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582

**2018 NORTH CAROLINA STATE BUILDING CODES**

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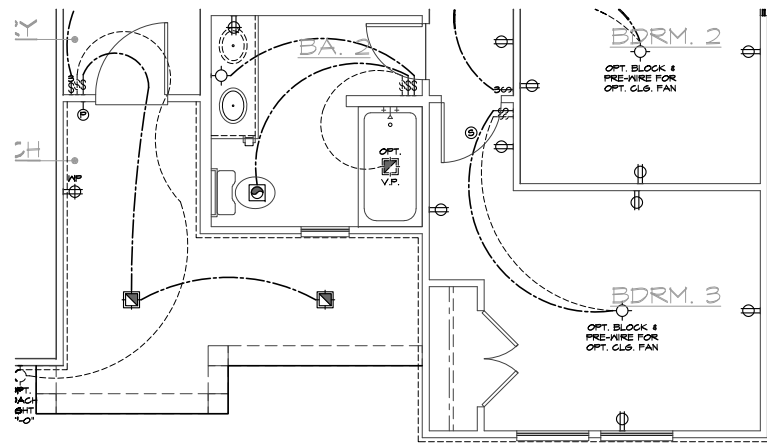
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PLAN: 150.1910  
SHEET: 4.3

**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

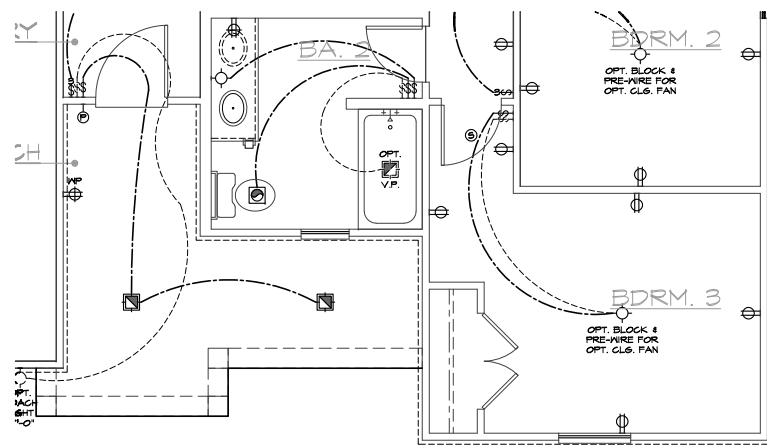
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PARTIAL UTILITY PLAN 'D'

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

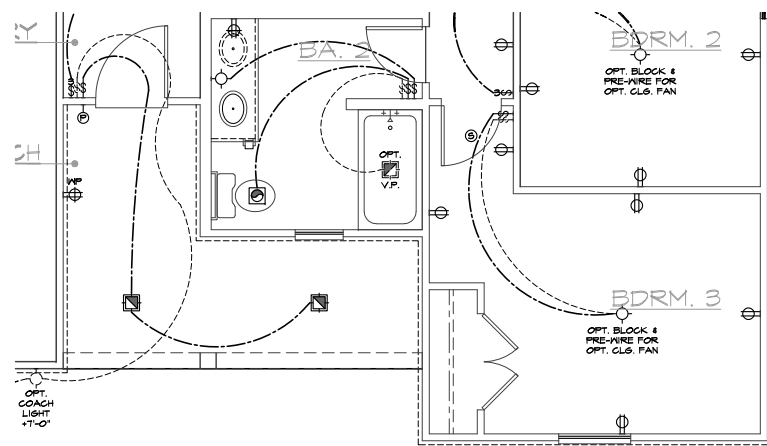
BASIC PLAN



PARTIAL UTILITY PLAN 'C'

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

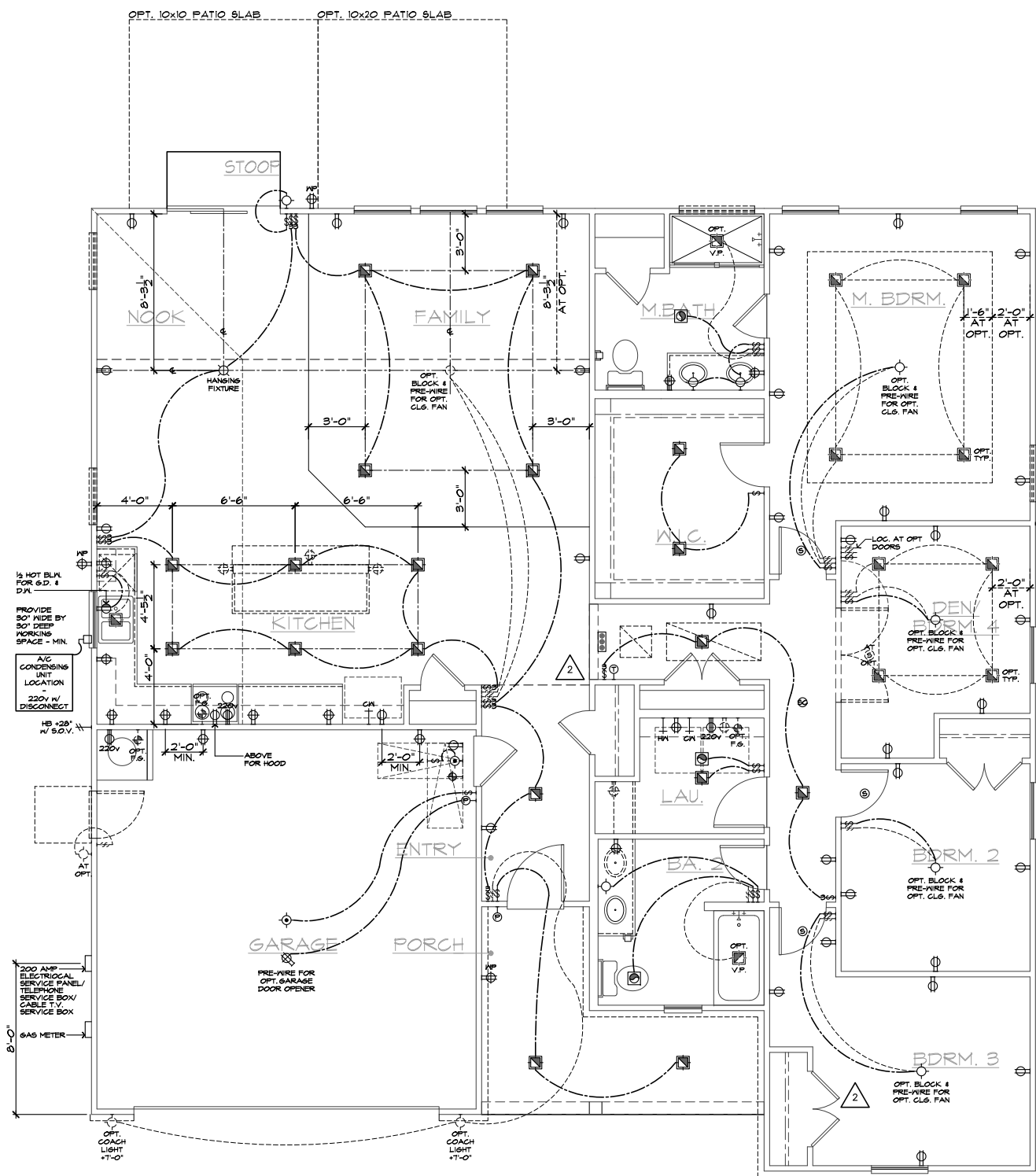
BASIC PLAN



PARTIAL UTILITY PLAN 'B'

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

BASIC PLAN



UTILITY PLAN 'A'

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

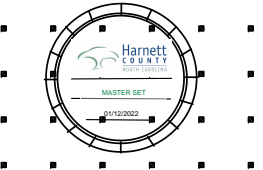
BASIC PLAN

UTILITY LEGEND

- ⊕ 120V DUPLEX CONVENIENCE RECEPTACLE ARC FAULT (AFCI) AND TAMPER RESISTANT (TR) 12" ABV. FIN. FLR. TYPICAL U.N.O.
- ⊕ W/ 6FI 120V (TR) RECEPTACLE W/ 6FI CIRCUIT W/ WATER RESISTANT HOUSING
- ⊕ 6FI 120V (TR) RECEPTACLE W/ 6FI CIRCUIT
- ⊕ FUSED DISCONNECT
- 120V (AFCI & TR) RECESSED FLOOR RECEPTACLE W/ COVER
- ⊕ 120V (AFCI & TR) DUPLEX CONVENIENCE RECEPTACLE SWITCH CONTROLLED, 1/2 HOT
- ⊕ 220V SINGLE CONVENIENCE RECEPTACLE HEIGHT NOTED AS PER PLAN
- ⊕ TWO-POLE LIGHT SWITCH AT 42" ABV. FIN. FLR. 8" ABOVE COUNTER U.N.O.
- ⊕ 3 THREE-POLE LIGHT SWITCH
- ⊕ 4 FOUR-POLE LIGHT SWITCH
- ⊕ W.P. 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
- ⊕ HANGING INCANDESCENT LIGHT FIXTURE
- ⊕ RECESSED INCANDESCENT DIRECTIONAL LIGHT FIXTURE (EYE BALL)
- ⊕ RECESSED INCANDESCENT LIGHT FIXTURE
- ⊕ LIGHTING - TRAVERSE II LED FIXTURE - PER SPECS
- ⊕ W.P. RECESSED INCANDESCENT LIGHT FIXTURE W/ WATER RESISTANT HOUSING
- ⊕ RECESSED FLUORESCENT LIGHT FIXTURE
- ⊕ RECESSED EXHAUST FAN
- ⊕ RECESSED EXHAUST FAN/ INCANDESCENT LIGHT COMBINATION
- ⊕ RECESSED EXHAUST FAN/ FLUORESCENT LIGHT COMBINATION
- ⊕ INCANDESCENT WALL SCONCE
- ⊕ ILLUMINATED ADDRESS SIGN - VISIBLE FROM STREET
- ⊕ 24"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)
- ⊕ 12"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)
- ⊕ OPTIONAL PRE-WIRED CEILING FAN AND SWITCH - LOCATED IN CENTER OF ROOM U.N.O.
- ⊕ CEILING MOUNTED JUNCTION BOX
- ⊕ WALL MOUNTED JUNCTION BOX
- ⊕ DOOR CHIME
- ⊕ CATV RECEPTACLE
- ⊕ PUSH BUTTON
- ⊕ PHONE OUTLET
- ⊕ SERVICE BOX
- ⊕ HOSE BIB
- ⊕ HOSE BIB W/ S.O.V.
- ⊕ WATER STUB FOR ICE MAKER
- ⊕ APPROVED CEILING MOUNTED SMOKE DETECTOR TO BE HARD WIRED WITH BATTERY BACK-UP AND INTERCONNECTED
- ⊕ APPROVED CARBON MONOXIDE ALARM/ SMOKE DET.
- ⊕ THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN)
- ⊕ GAS TAP
- ⊕ GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA, BUT NO MORE THAN 48" FROM GAS OUTLET
- ⊕ SWITCHING FOR ROOMS W/ CLG. FAN OPTIONS
- ⊕ 24" MIN. SEPARATION OF ELECTRICAL BOXES AS SHOWN BELOW
- ⊕ DWELLING

NOTES

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2. PROVIDE SWITCH, LIGHT, 120V (AFCI & TR) DUPLEX RECEPTACLE & FUEL GAS STUB OR 220V RECEPTACLE IN ATTIC FOR F.A.U. - PER COMMUNITY SPECIFICATIONS.
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4. 20 FOOT #4 REBAR FOR UPPER GROUND AND ADDITIONAL COLD WATER GROUND. REFER TO SLAB INTERFACE PLAN FOR LOCATION.
5. 200 AMP ELECTRICAL PANEL (DEFAULT). ELECTRICAL PLAN CHECK PERMIT REQUIRED IF LOAD EXCEED 400 AMPS.



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- 2 FRAMEWORK NC2009NCP/ 03-25-20 /KBA

PLAN: 150.1910  
SHEET: 5.1

SPEC. LEVEL 1  
RALEIGH-DURHAM 50' SERIES

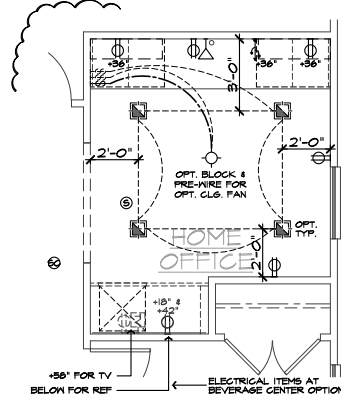
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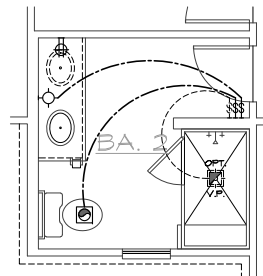
NOTE: REFER TO BASIC UTILITY PLAN FOR INFORMATION NOT SHOWN HERE

**UTILITY LEGEND**

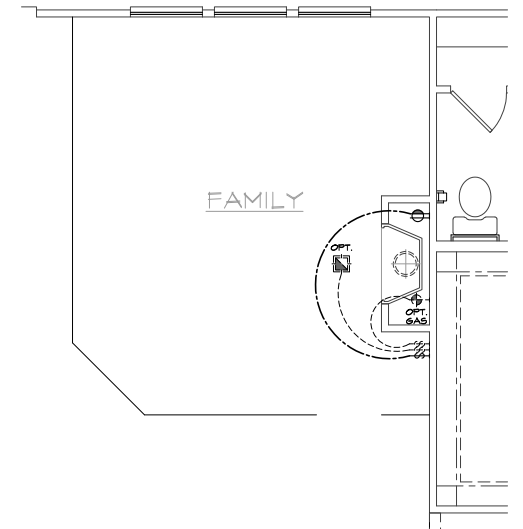
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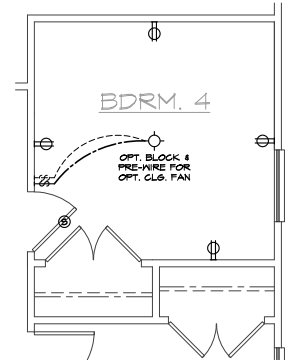
Home Office AT DEN



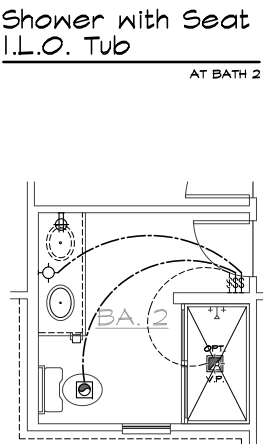
Laundry Tub AT LAUNDRY



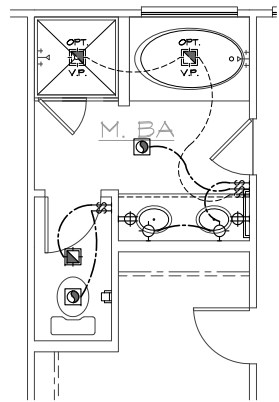
Fireplace AT FAMILY



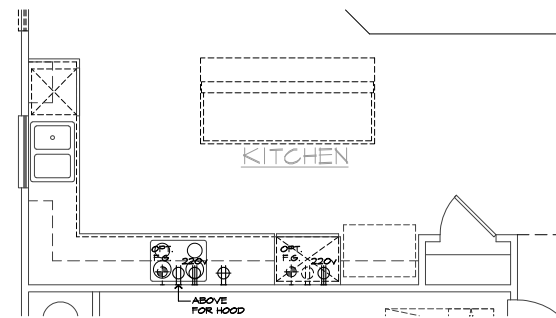
Bdrm. 4 AT DEN



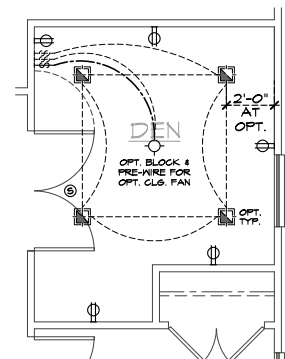
Shower with Seat I.L.O. Tub AT BATH 2



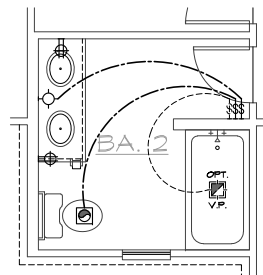
Super M. Bath AT M. BATH



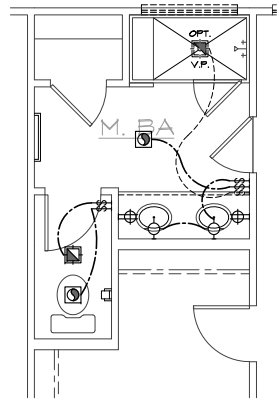
Gourmet Kitchen AT KITCHEN



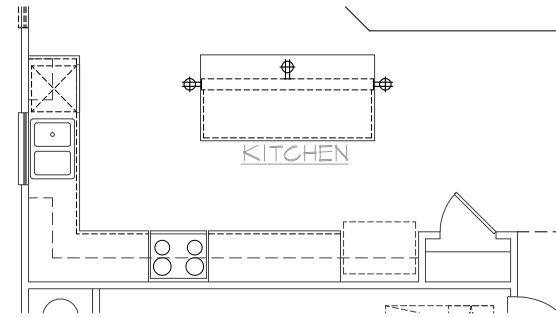
Double Doors AT DEN



Vanity w/ Dual Sink AT BATH 2



Deluxe M. Bath AT M. BATH



Island AT KITCHEN

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



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NC2009NCP/ 03-25-20 /KBA
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CORP20003CORP/ 07/31/20 /KBA

PLAN: 150.1910

SHEET: 5.2

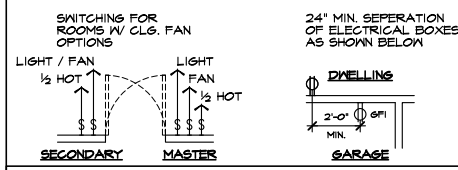
**SPEC. LEVEL 1  
RALEIGH-DURHAM 50' SERIES**

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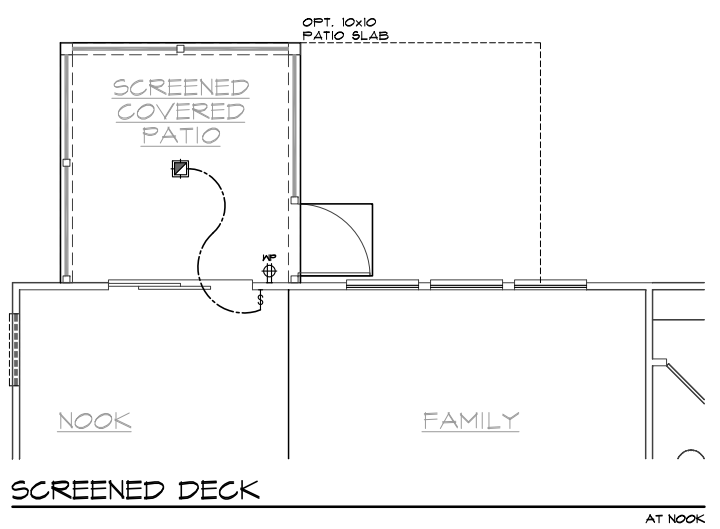
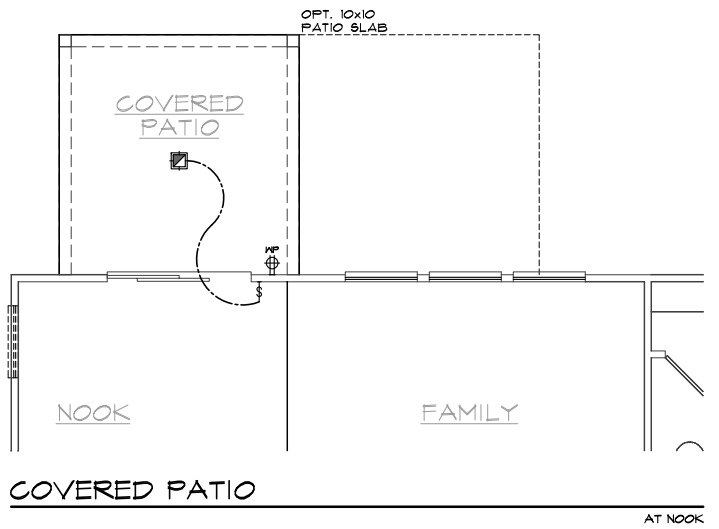
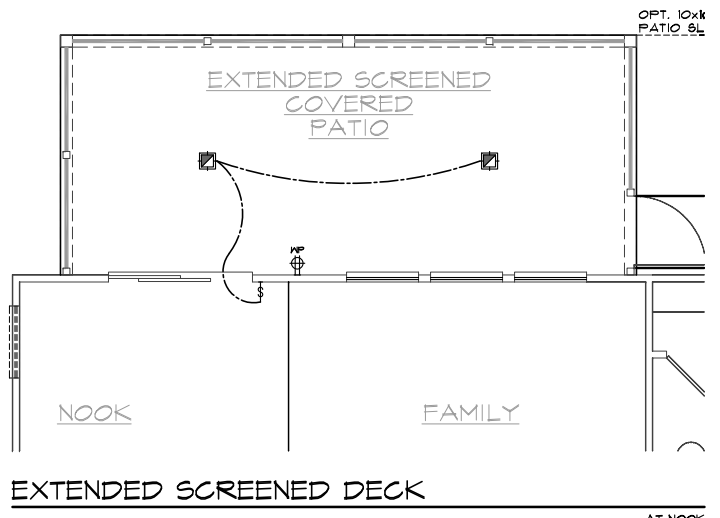
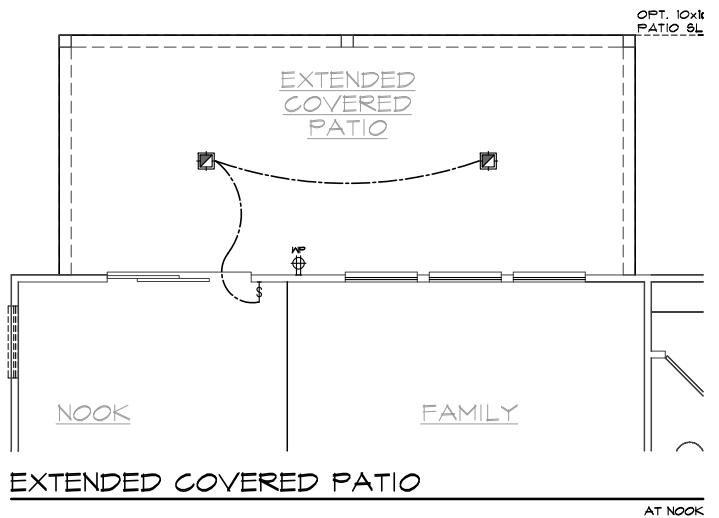
1 VENTILATION  
NC2008NCF/ 01/17/20 /KBA

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PLAN: 150.1910  
SHEET: 5.3

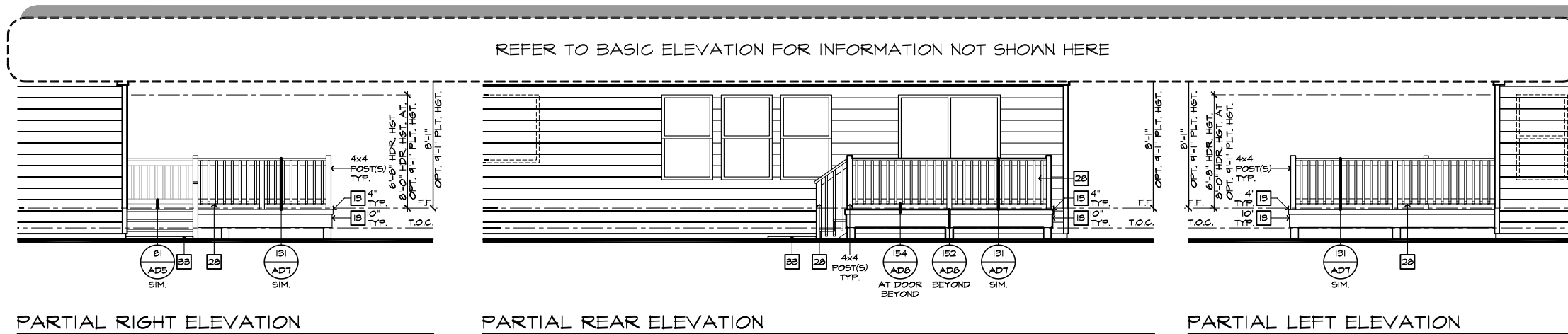
**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**



**FIRST FLOOR UTILITY PLAN OPTIONS**

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

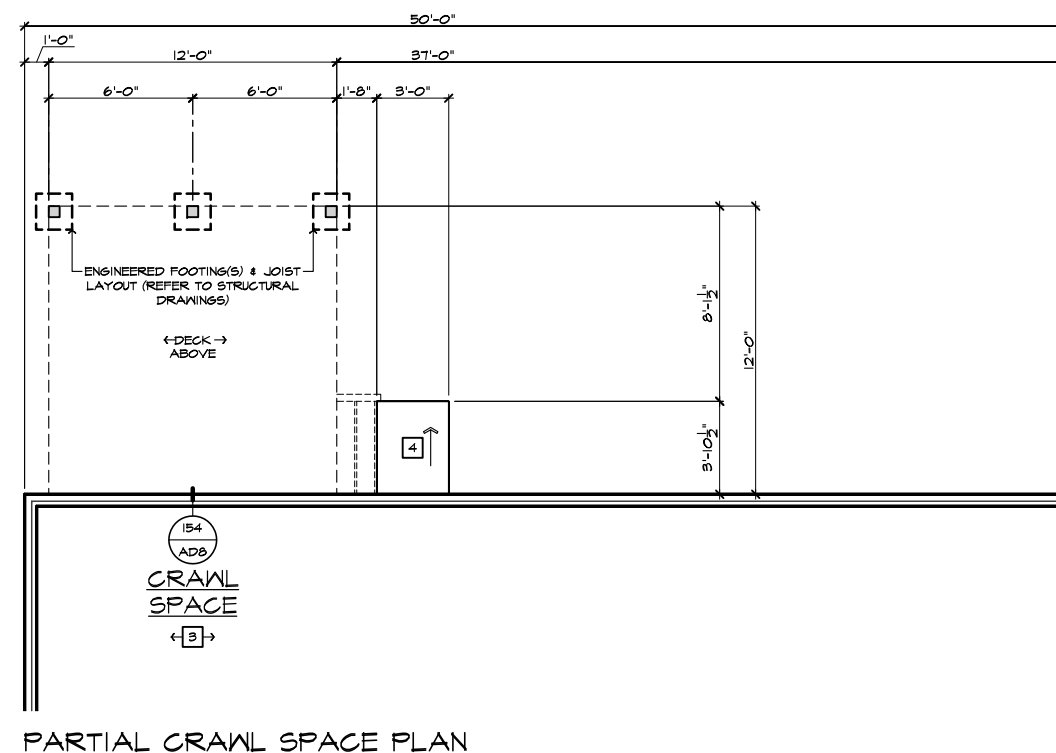
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PARTIAL RIGHT ELEVATION

PARTIAL REAR ELEVATION

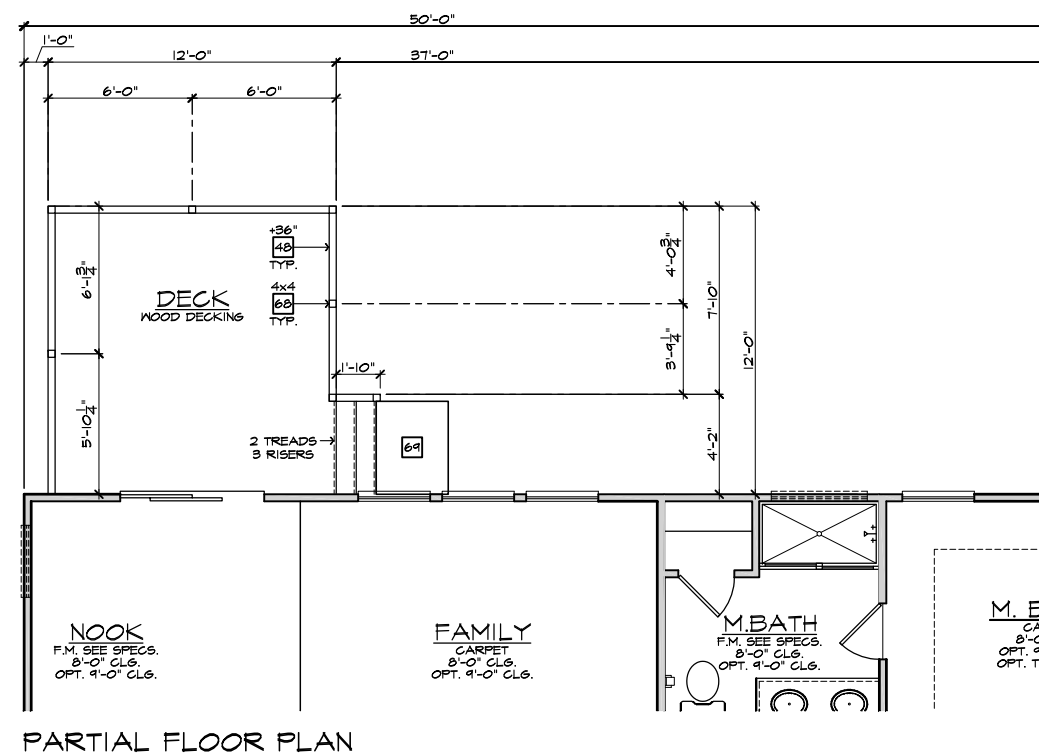
PARTIAL LEFT ELEVATION



PARTIAL CRAWL SPACE PLAN

DECK AT CRAWL SPACE

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



PARTIAL FLOOR PLAN

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1 FLASHING
  4. 6:1 FLASHING & SADDLE/CRICKET
  5. 6:1 DRIP SCREED
  6. 24"x24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. RAILLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOP/PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS)
  28. WATER HEATER VENT TO OUTSIDE AIR
  29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  34. LINE OF WALL BELOW
  41. LINE OF FLOOR ABOVE
  42. LINE OF FLOOR BELOW
  43. MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  50. A/C PAD LOCATION
  51. LOW WALL - REFER TO PLAN FOR HEIGHT
  52. 2x6 STUD WALL
  54. DEL. 2x4 WALL PER PLAN
  55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  57. FLAT SOFFIT
  58. ARCHED SOFFIT
  60. OPT. DOOR/WINDOW
  61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  62. BRICK / STONE VENEER - REFER TO ELEVATIONS
  63. SECTIONAL GARAGE DOOR PER SPECS
  66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH)
  68. P.T. POST W/ WRAP.
  70. EGRESS WINDOW
  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 1/4" PER FT. MIN. SEE PLAN FOR SIZE.

- FOUNDATION PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. 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 OPENINGS.
  3. FOUNDATION PER STRUCTURAL.
  4. STAIR LANDINGS, 36"x36" MIN.
  5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
  6. PROVIDE UNDER FLOOR VENTILATION
  7. 4" TOE KICK FOR MASONRY VENEER.
  8. 3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
  9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
  10. VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL
  11. 4" MIN. T 3/4" MAX. TO HARD SURFACE.
  12. A/C PAD. VERIFY LOCATION.
  13. CRAWL SPACE ACCESS
  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



**NORTH CAROLINA 50' SERIES**

KB HOME  
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4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582

**2018 NORTH CAROLINA STATE BUILDING CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999-57  
DIVISION MGR.: MP

REVISIONS:

1 VENTILATION NC2008NCP/ 01/17/20 /KBA

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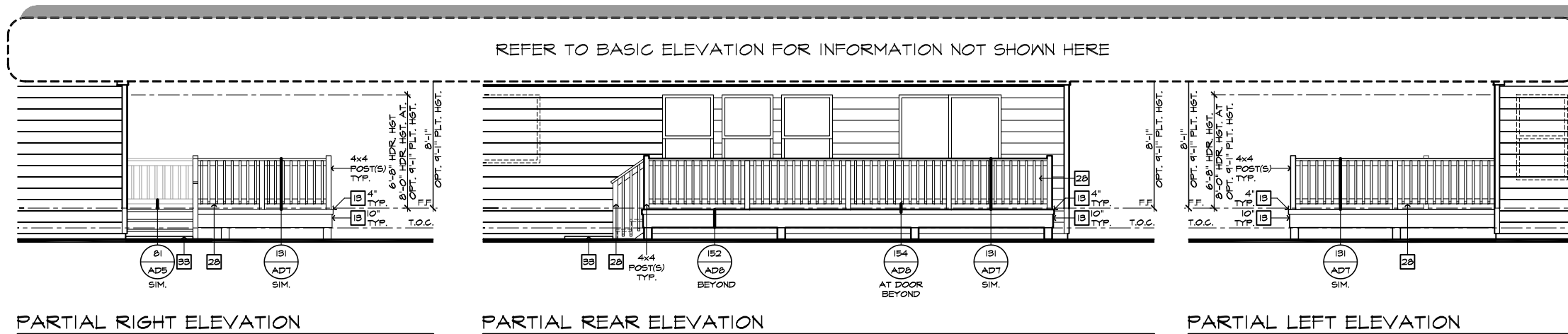
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PLAN: 150.1910  
SHEET: 7.1

**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

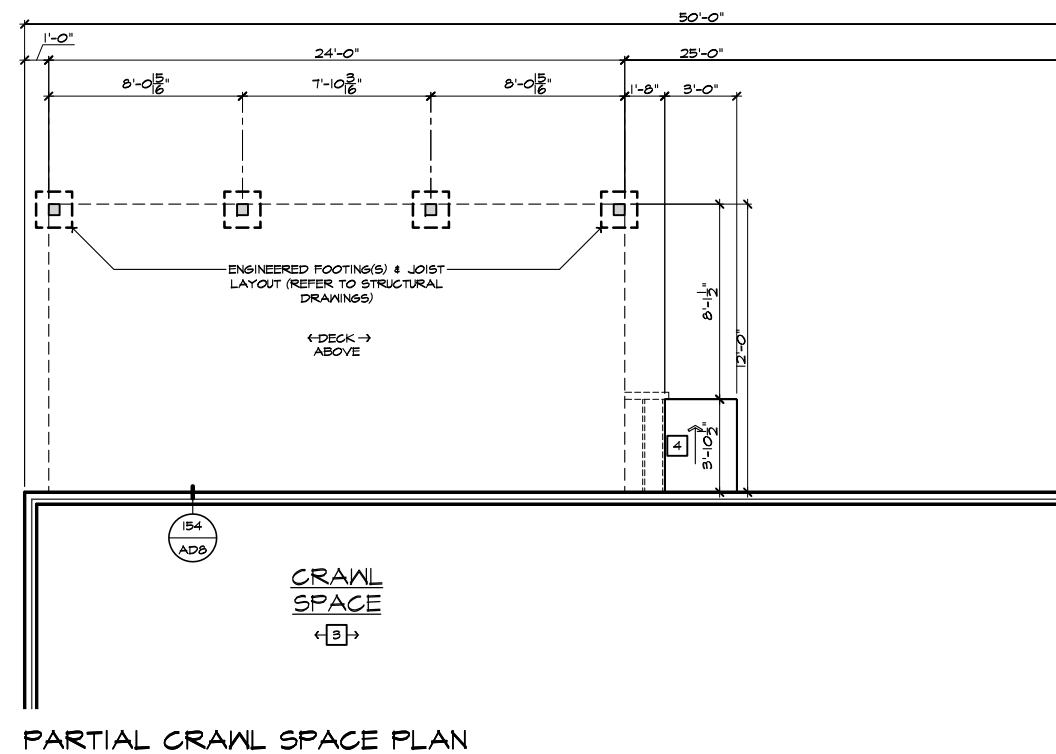
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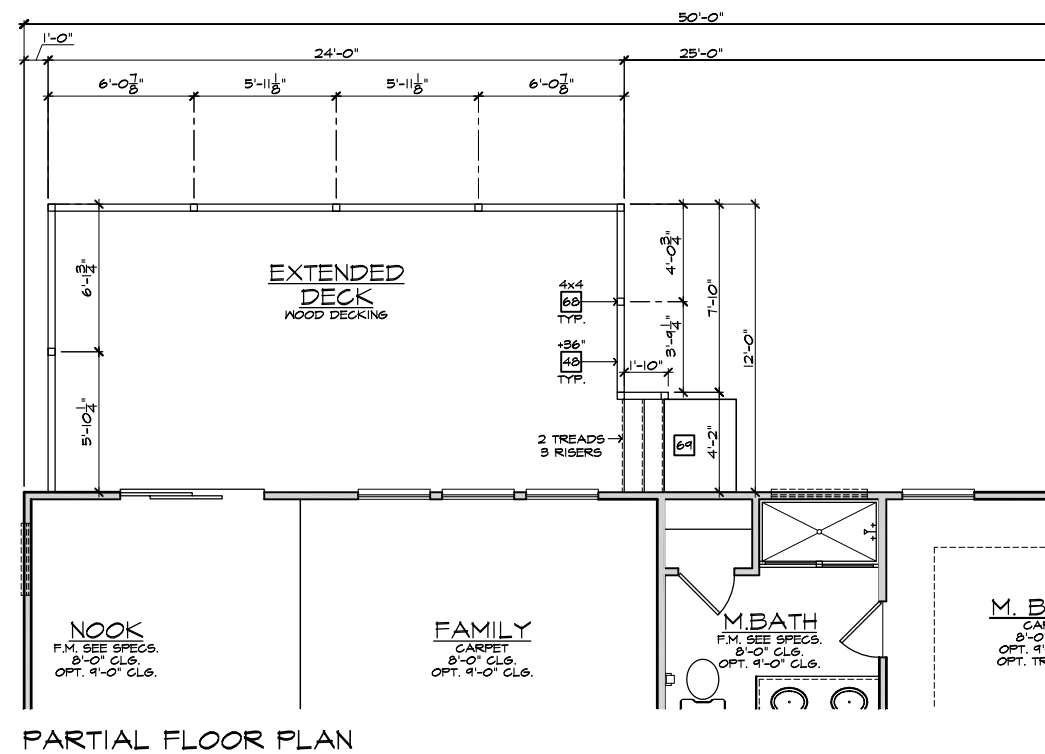
PARTIAL RIGHT ELEVATION

PARTIAL REAR ELEVATION

PARTIAL LEFT ELEVATION



PARTIAL CRAWL SPACE PLAN



PARTIAL FLOOR PLAN

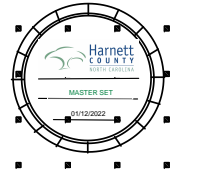
EXTENDED DECK AT CRAWL SPACE

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

#	ELEVATION NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6.1. FLASHING
4.	6.1. FLASHING & SADDLE/CRICKET
5.	6.1. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM - SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK CURB
21.	SOLDIER COURSE
22.	ROWLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING 1/4" 4" CORNER TRIM PER SPECS
25.	P.T. POST 1/4" WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	RAILINGS (#36" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE

#	PARTIAL PLAN NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
27.	WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & DRAIN (REFER TO DETAILS)
28.	WATER HEATER 3" VENT TO OUTSIDE AIR
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
34.	LINE OF WALL BELOW
41.	LINE OF FLOOR ABOVE
42.	LINE OF FLOOR BELOW
43.	MIN. 36" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
50.	A/C PAD LOCATION
51.	LOW WALL - REFER TO PLAN FOR HEIGHT
52.	2x6 STUD WALL
54.	DBL. 2x4 WALL PER PLAN
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
57.	FLAT SOFFIT
58.	ARCHED SOFFIT
60.	OPT. DOOR/WINDOW
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
62.	BRICK / STONE VENEER - REFER TO ELEVATIONS
63.	SECTIONAL GARAGE DOOR PER SPECS
66.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH)
68.	P.T. POST 1/4" WRAP.
70.	EGRESS WINDOW
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 1/4" PER FT. MIN. SEE PLAN FOR SIZE

#	FOUNDATION PLAN NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
1.	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 OPENINGS.
3.	FOUNDATION PER STRUCTURAL.
4.	STAIR LANDING, 36"x36" MIN.
5.	CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
6.	PROVIDE UNDER FLOOR VENTILATION
7.	4" TOE KICK FOR MASONRY VENEER.
8.	3" DIAMETER CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
9.	REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
10.	VERIFY LOCATION OF PIER FOOTINGS PER STRUCTURAL
11.	4" MIN. T 3/4" MAX. TO HARD SURFACE.
12.	A/C PAD. VERIFY LOCATION.
13.	CRAWL SPACE ACCESS
14.	36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.



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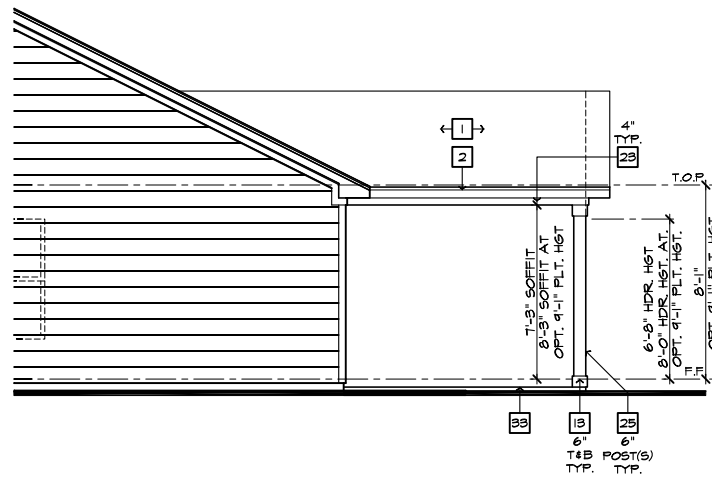
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PLAN: 150.1910  
SHEET: 7.2

SPEC. LEVEL 1  
RALEIGH-DURHAM 50' SERIES

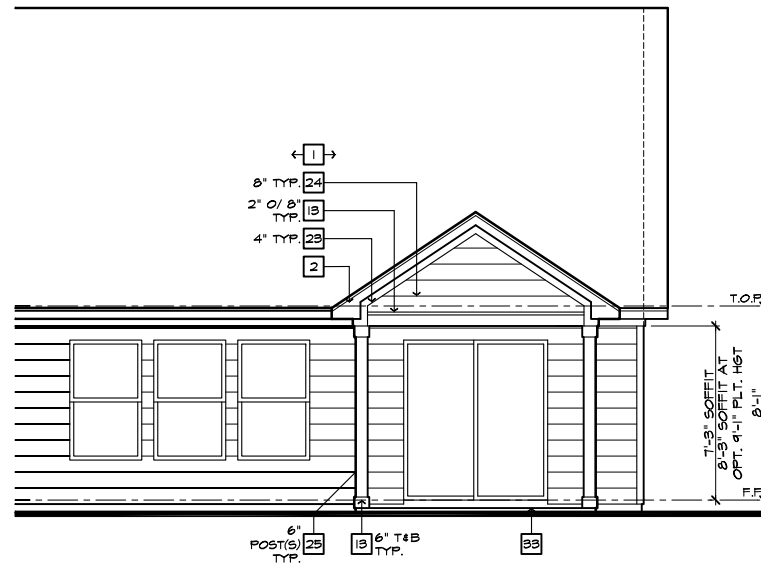
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NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

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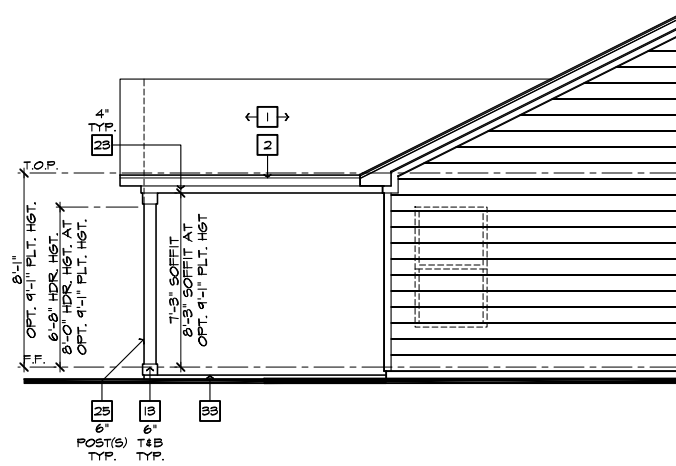
**PARTIAL RIGHT ELEVATION**

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



**PARTIAL REAR ELEVATION**

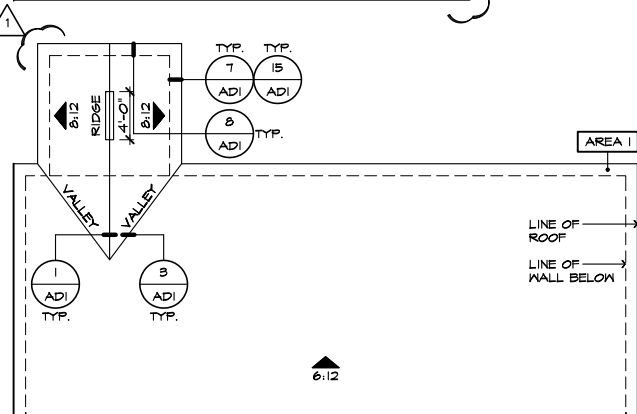
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



**PARTIAL LEFT ELEVATION**

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

ROOF PLAN NOTES 'A'		
INDICATES ROOF SLOPE AND DIRECTION, U.N.O. 6:12		
ROOF MATERIAL: COMPOSITION SHINGLE		
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.		
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.		
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.		
ATTIC VENT CALCULATIONS		
PROVIDE 1 SQ. IN. OF VENTILATION PER 500 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 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 906.2)		
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.		
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.		
AREA 1 / MAIN:		
VENTILATION REQUIRED:		
ATTIC AREA = 2543	SQ. FT. / 500	5.09 SQ. FT.
	X 144 =	732.96 SQ. IN.
	TOTAL HIGH & LOW =	732.96 SQ. IN.
	X 50% =	366.48 SQ. IN.
VENTILATION PROVIDED:		
40	LF RIDGE VENT(S) AT 18	SQ. IN. / LF. = 720 SQ. IN.
0	ROOF VENT(S) AT 50	SQ. IN. EA. = 0 SQ. IN.
SUB-TOTAL HIGH VENTILATION: 720 SQ. IN.		
106	LF VENTILATED SOFFIT AT 6.9	SQ. IN. / LF. = 731 SQ. IN.
0	ROOF VENT(S) AT 50	SQ. IN. EA. = 0 SQ. IN.
TOTAL VENTILATION PROVIDED: 1451 SQ. IN.		

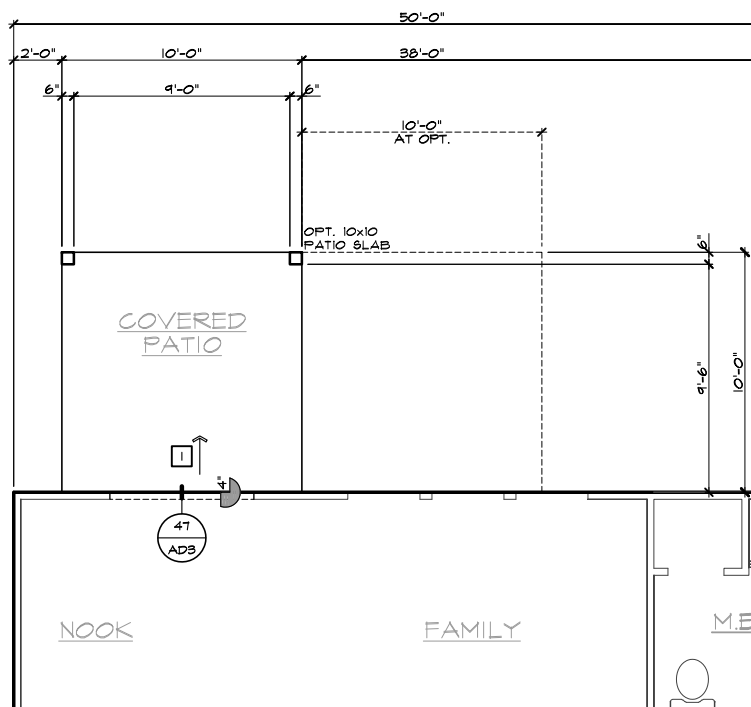


**PARTIAL ROOF PLAN**

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")

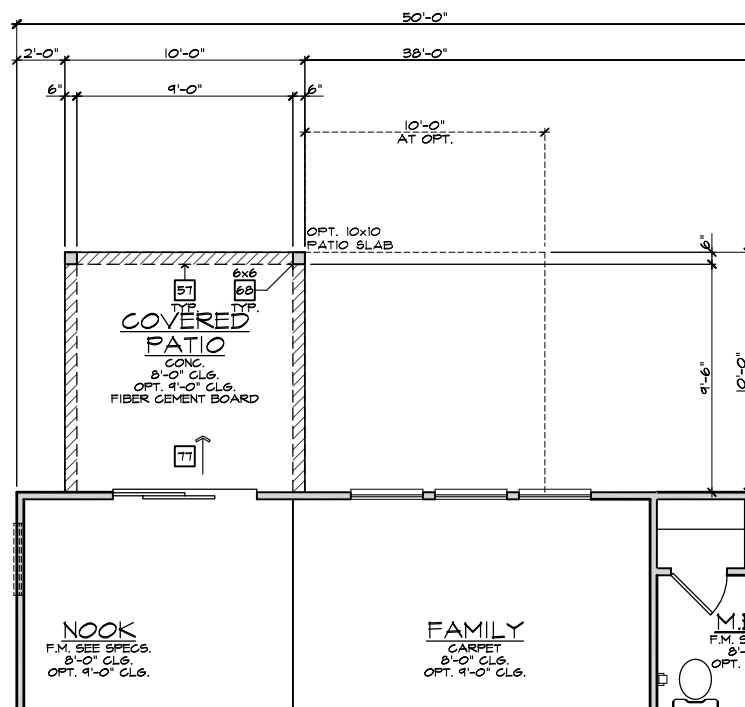
**COVERED PATIO 'A'**

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



**PARTIAL SLAB INTERFACE PLAN**

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
  - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  - 6.1. FLASHING
  - 6.1. FLASHING & SADDLE/CRICKET
  - 6.1. DRIP SCREED
  - 24"x24" CHIMNEY
  - DECORATIVE VENT
  - DECORATIVE CORBEL
  - DECORATIVE SHUTTERS
  - PEDIMENT. SEE ELEVATION FOR TYPE
  - RECESSED ELEMENT
  - DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  - TRIM - SEE ELEVATION FOR SIZE
  - SYNTHETIC MATERIAL
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - SHAKE SIDING
  - STONE VENEER PER SPECS
  - BRICK/MASONRY VENEER PER SPECS
  - BUILT UP BRICK COLUMN
  - SOLDIER COURSE
  - ROCKLOCK COURSE
  - FRIEZE BOARD
  - SIDING W/ 4" CORNER TRIM PER SPECS
  - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  - PRE-FAB DECORATIVE TRIM
  - LIGHT WEIGHT PRECAST STONE TRIM
  - RAILINGS (#36" U.N.O.)
  - WRAP
  - DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  - BRACKET OR KICKER - FYPON OR EQ.
  - ENTRY DOOR
  - CONCRETE STUOP/ PORCH - SEE SLAB INTERFACE PLAN.
  - SECTIONAL GARAGE DOOR PER SPECS
  - ALUMINUM WRAP
  - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  - OPTIONAL STANDING SEAM METAL ROOF
  - KEYSTONE
  - SOLDIER CROWN
  - JACK SOLDIER COURSE
  - WATER TABLE
  - ATRIUM DOOR
  - PILASTER - SEE ELEVATION FOR TYPE

- # PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  - WATER HEATER 'B' VENT TO OUTSIDE AIR
  - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  - LINE OF WALL BELOW
  - LINE OF FLOOR ABOVE
  - LINE OF FLOOR BELOW
  - MIN. 12" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  - MIN. 36" PAD LOCATION
  - LOW WALL - REFER TO PLAN FOR HEIGHT
  - 2x6 STUD WALL
  - DEL. 2x4 WALL PER PLAN
  - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  - FLAT SOFFIT
  - ARCHED SOFFIT
  - OPT. DOOR/WINDOW
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - BRICK / STONE VENEER - REFER TO ELEVATIONS
  - SECTIONAL GARAGE DOOR PER SPECS
  - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  - P.T. POST W/ WRAP.
  - EGRESS WINDOW
  - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES U.N.O.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- # SLAB PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
  - CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENINGS.
  - CONCRETE FOUNDATION PER STRUCTURAL.
  - CONCRETE STUOP: 36"x36" STANDARD SLOPE 1/4" PER FT. MIN.
  - CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENINGS.
  - 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 STUD DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB
  - 4" MIN. 5/16" MAX. TO HARD SURFACE.
  - A/C PAD. VERIFY LOCATION.
  - 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.
- NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE



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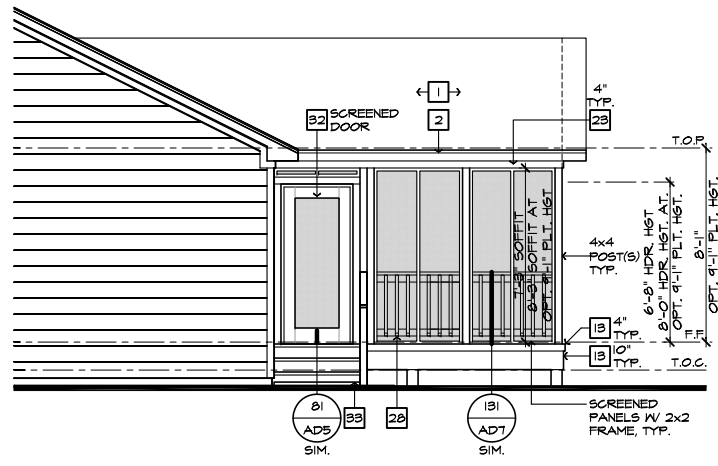
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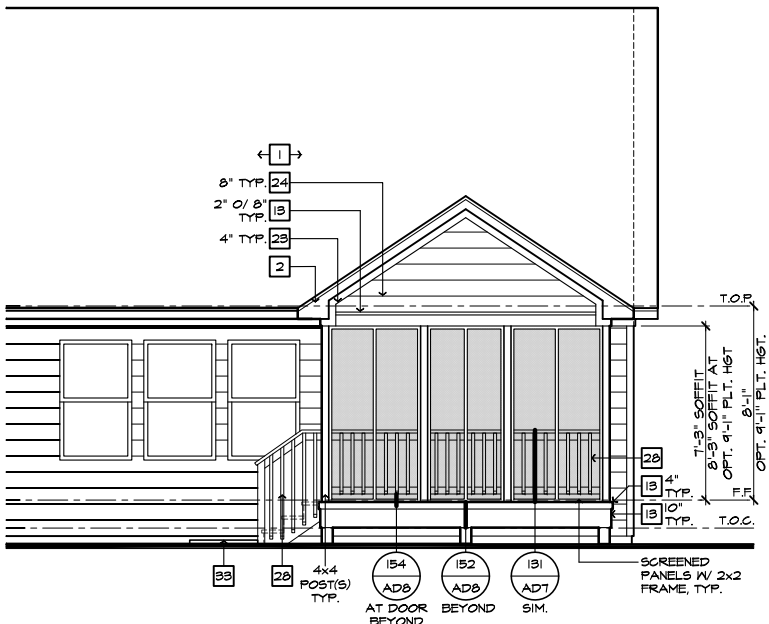
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PLAN: 150.1910  
SHEET: 8.A1

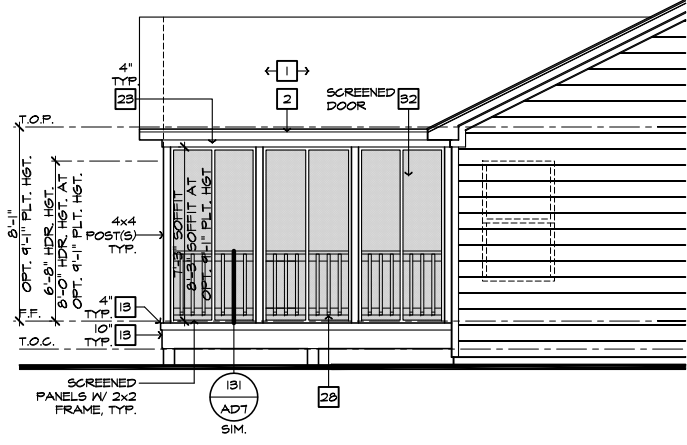
**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**



**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")

**ROOF PLAN NOTES 'A'**

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.  
6:12

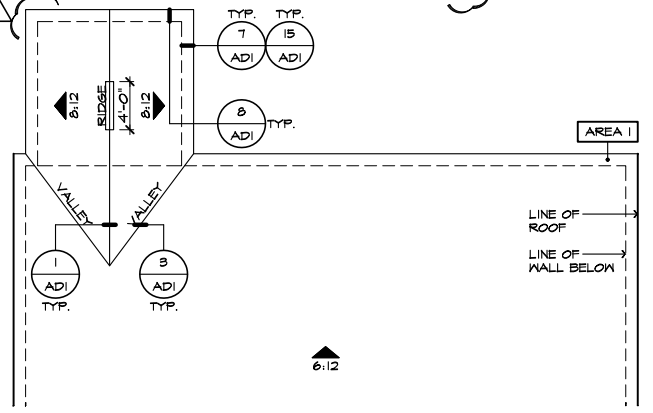
ROOF MATERIAL: COMPOSITION SHINGLE  
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.  
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.  
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

**ATTIC VENT CALCULATIONS**

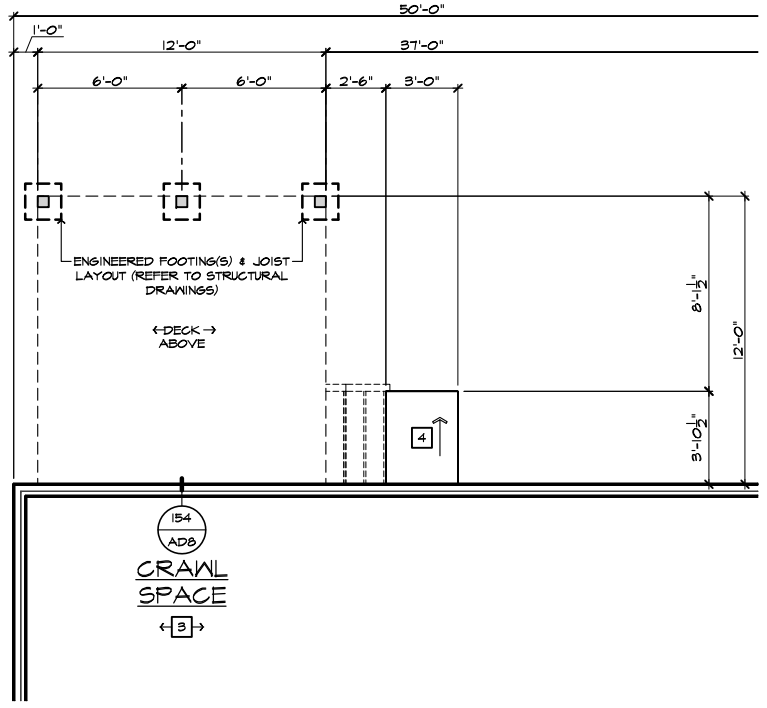
PROVIDE 1 SQ. IN. OF VENTILATION PER 500 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 806.2)  
\* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

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

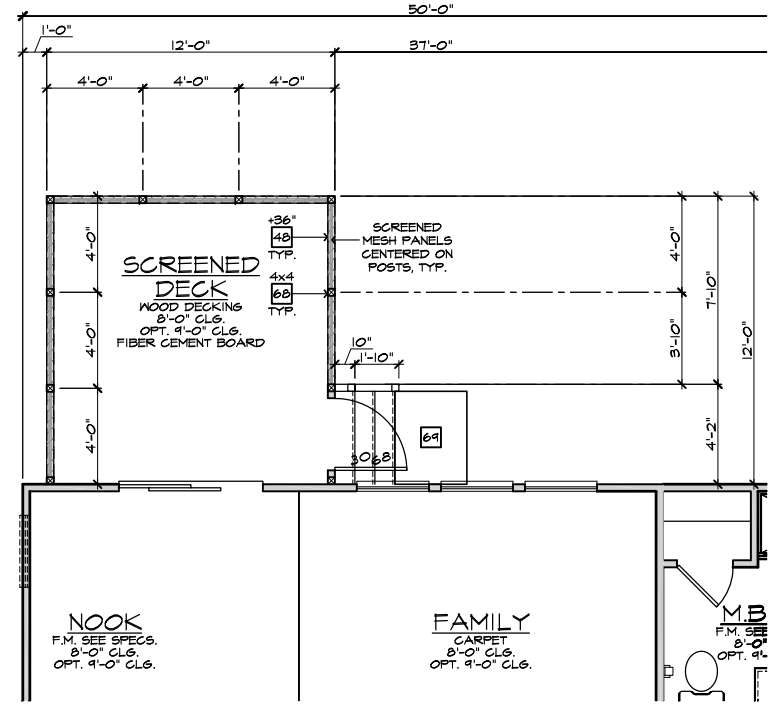
AREA 1 / MAIN:	
<b>VENTILATION REQUIRED:</b>	
ATTIC AREA = 2587	SQ. FT. / 500 = 5.174 SQ. FT.
	X 144 = 1242 SQ. IN.
	TOTAL HIGH & LOW = 1242 SQ. IN.
	X 50% = 621 SQ. IN.
<b>VENTILATION PROVIDED:</b>	
40 LF RIDGE VENT(S) AT 18 SQ. IN. / LF. =	720 SQ. IN.
0 ROOF VENT(S) AT	0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:	720 SQ. IN.
106 LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. =	731 SQ. IN.
0 ROOF VENT(S) AT	0 SQ. IN.
TOTAL VENTILATION PROVIDED:	1451 SQ. IN.



**PARTIAL ROOF PLAN**  
SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



**PARTIAL CRAWL SPACE PLAN**  
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")

**SCREENED-IN COVERED DECK AT CRAWL SPACE 'A'**  
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1. FLASHING
  4. 6:1. FLASHING & SADDLE/CRICKET
  5. 6:1. DRIP SCREED
  6. 24"x24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. ROWLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (#36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOFF/ PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  28. WATER HEATER 'B' VENT TO OUTSIDE AIR
  29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  39. LINE OF WALL BELOW
  41. LINE OF FLOOR ABOVE
  42. LINE OF FLOOR BELOW
  50. MIN. 4" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  51. MIN. PAD LOCATION
  51. LOW WALL - REFER TO PLAN FOR HEIGHT
  52. 2x6 STUD WALL
  54. DBL. 2x4 WALL PER PLAN
  55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  57. FLAT SOFFIT
  58. ARCHED SOFFIT
  60. OPT. DOOR/WINDOW
  61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  62. BRICK / STONE VENEER - REFER TO ELEVATIONS
  63. SECTIONAL GARAGE DOOR PER SPECS
  66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  68. P.T. POST W/ WRAP.
  70. EGRESS WINDOW
  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 1/4" PER FT. MIN. SEE PLAN FOR SIZE.



FOR INTERNAL USE ONLY

REVIEWED BY:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R401. THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R401.2.

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

NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

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

**kb HOME**

Harnett COUNTY MASTER SET 01/12/2022

**NORTH CAROLINA 50' SERIES**

KB HOME NORTH CAROLINA DIVISION

4518 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703  
TEL: (919) 768-7988 FAX: (919) 472-0582

**2018 NORTH CAROLINA STATE BUILDING CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
DIVISION MGR.: MP

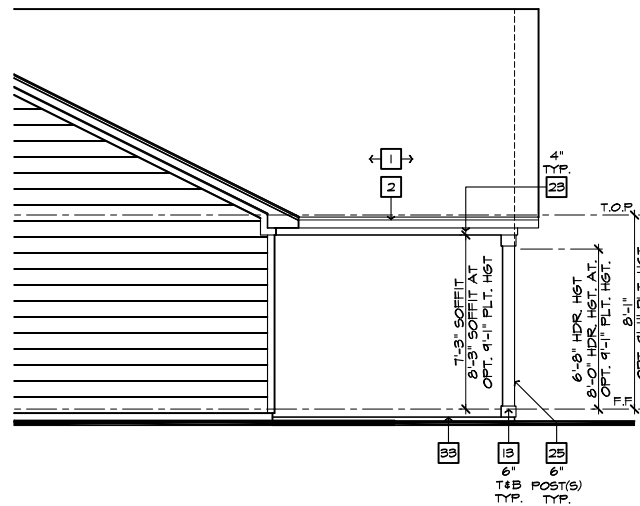
REVISIONS:

VENTILATION NC2008NCP/ 01/17/20 / KBA

PLAN: 150.1910  
SHEET: 8.A2

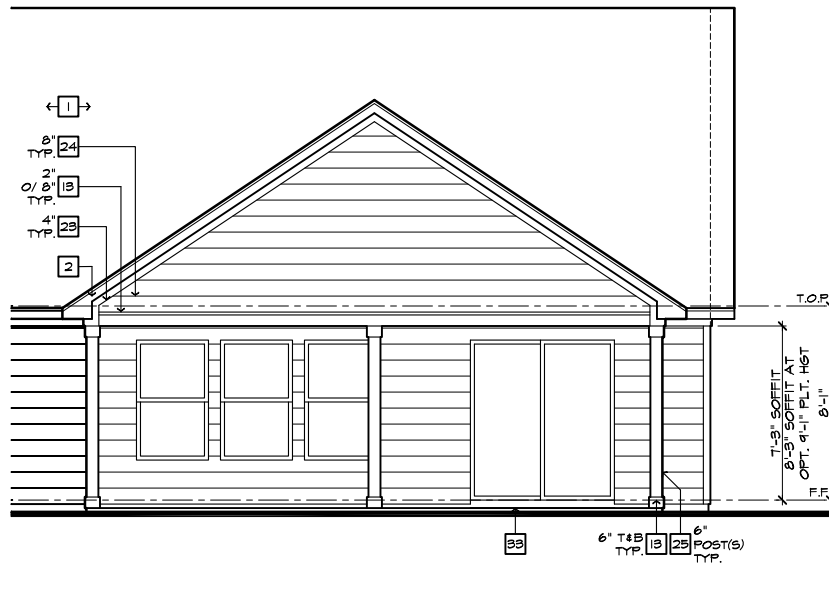
SPEC. LEVEL 1  
RALEIGH-DURHAM 50' SERIES

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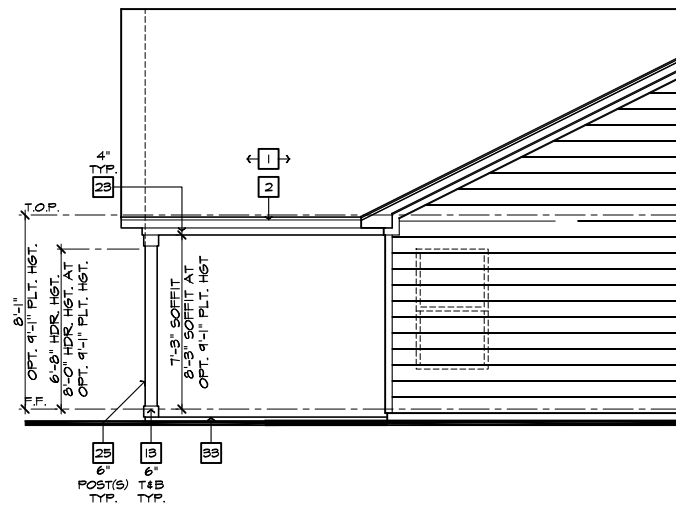
PARTIAL RIGHT ELEVATION

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")

**ROOF PLAN NOTES 'A'**

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.  
6:12

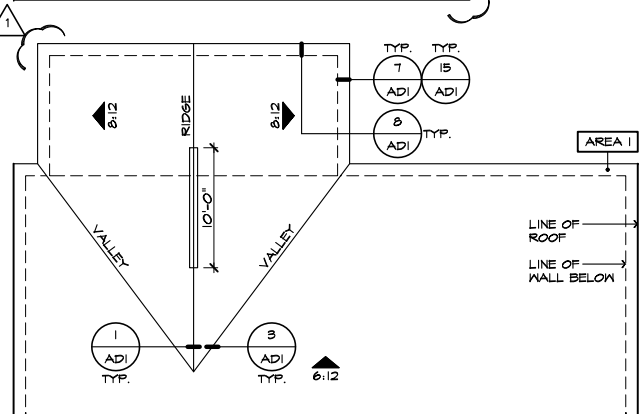
ROOF MATERIAL: COMPOSITION SHINGLE  
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.  
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.  
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

**ATTIC VENT CALCULATIONS**

PROVIDE 1 SQ. IN. OF VENTILATION PER 500 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 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 906.2)  
\* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

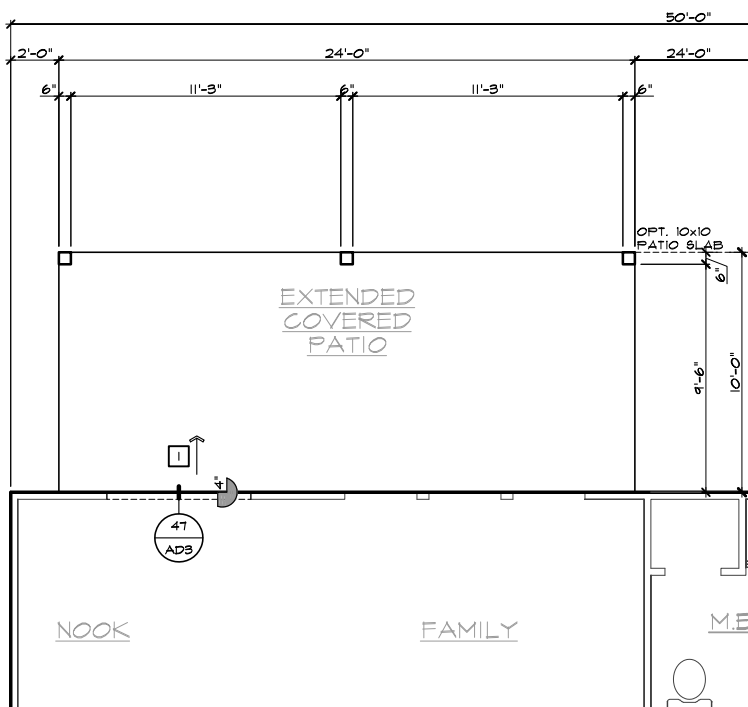
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA / MAIN:	VENTILATION REQUIRED:	VENTILATION PROVIDED:																																																										
ATTIC AREA = 2685	<table border="0"> <tr> <td>SQ. FT. / 500</td> <td>=</td> <td>5.37</td> <td>SQ. FT.</td> </tr> <tr> <td>X 144</td> <td>=</td> <td>773</td> <td>SQ. IN.</td> </tr> <tr> <td>TOTAL HIGH &amp; LOW</td> <td>=</td> <td>1288</td> <td>SQ. IN.</td> </tr> <tr> <td>X 50%</td> <td>=</td> <td>644</td> <td>SQ. IN.</td> </tr> </table>	SQ. FT. / 500	=	5.37	SQ. FT.	X 144	=	773	SQ. IN.	TOTAL HIGH & LOW	=	1288	SQ. IN.	X 50%	=	644	SQ. IN.	<table border="0"> <tr> <td>44</td> <td>LF RIDGE VENT(S) AT</td> <td>18</td> <td>SQ. IN. / LF. =</td> <td>792</td> <td>SQ. IN.</td> </tr> <tr> <td>0</td> <td>ROOF VENT(S) AT</td> <td>50</td> <td>SQ. IN. EA. =</td> <td>0</td> <td>SQ. IN.</td> </tr> <tr> <td colspan="6">SUB-TOTAL HIGH VENTILATION:</td> </tr> <tr> <td>112</td> <td>LF VENTILATED SOFFIT AT</td> <td>6.9</td> <td>SQ. IN. / LF. =</td> <td>773</td> <td>SQ. IN.</td> </tr> <tr> <td>0</td> <td>ROOF VENT(S) AT</td> <td>50</td> <td>SQ. IN. EA. =</td> <td>0</td> <td>SQ. IN.</td> </tr> <tr> <td colspan="6">TOTAL VENTILATION PROVIDED:</td> </tr> <tr> <td colspan="6">1565 SQ. IN.</td> </tr> </table>	44	LF RIDGE VENT(S) AT	18	SQ. IN. / LF. =	792	SQ. IN.	0	ROOF VENT(S) AT	50	SQ. IN. EA. =	0	SQ. IN.	SUB-TOTAL HIGH VENTILATION:						112	LF VENTILATED SOFFIT AT	6.9	SQ. IN. / LF. =	773	SQ. IN.	0	ROOF VENT(S) AT	50	SQ. IN. EA. =	0	SQ. IN.	TOTAL VENTILATION PROVIDED:						1565 SQ. IN.					
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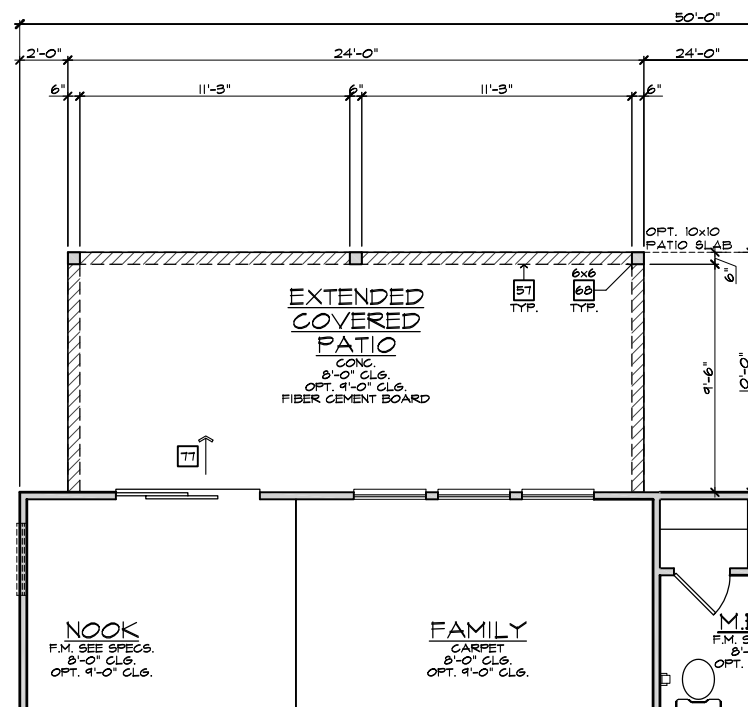
PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



PARTIAL SLAB INTERFACE PLAN

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")

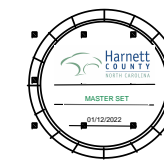
EXTENDED COVERED PATIO 'A'

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
  - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  - 6.1. FLASHING
  - 6.1. FLASHING & SADDLE/GRICKET
  - 6.1. DRIP SCREED
  - 24"x24" CHIMNEY
  - DECORATIVE VENT
  - DECORATIVE CORBEL
  - DECORATIVE SHUTTERS
  - PEDIMENT. SEE ELEVATION FOR TYPE
  - RECESSED ELEMENT
  - DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  - TRIM - SEE ELEVATION FOR SIZE
  - SYNTHETIC MATERIAL
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - SHAKE SIDING
  - STONE VENEER PER SPECS
  - BRICK/MASONRY VENEER PER SPECS
  - BUILT UP BRICK COLUMN
  - SOLDIER COURSE
  - ROCKLOCK COURSE
  - FRIEZE BOARD
  - SIDING W/ 4" CORNER TRIM PER SPECS
  - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  - PRE-FAB DECORATIVE TRIM
  - LIGHT WEIGHT PRECAST STONE TRIM
  - RAILINGS (#36" U.N.O.)
  - WRAP
  - DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  - BRACKET OR KICKER - FYPON OR EQ.
  - ENTRY DOOR
  - CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  - SECTIONAL GARAGE DOOR PER SPECS
  - ALUMINUM WRAP
  - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  - OPTIONAL STANDING SEAM METAL ROOF
  - KEYSTONE
  - SOLDIER CROWN
  - JACK SOLDIER COURSE
  - WATER TABLE
  - ATRIUM DOOR
  - PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  - WATER HEATER 'B' VENT TO OUTSIDE AIR
  - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  - LINE OF WALL BELOW
  - LINE OF FLOOR ABOVE
  - LINE OF FLOOR BELOW
  - MIN. 12" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  - MIN. 36" DIA. LOCATION
  - LOW MALL - REFER TO PLAN FOR HEIGHT
  - 2x6 STUD WALL
  - DEL. 2x4 WALL PER PLAN
  - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  - FLAT SOFFIT
  - ARCHED SOFFIT
  - OPT. DOOR/ WINDOW
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - BRICK / STONE VENEER - REFER TO ELEVATIONS
  - SECTIONAL GARAGE DOOR PER SPECS
  - 3" DIA. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE.
  - NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  - P.T. POST W/ WRAP.
  - EGRESS WINDOW
  - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- SLAB PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
  - CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENING.
  - CONCRETE FOUNDATION PER STRUCTURAL.
  - CONCRETE 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 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 STUD DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB
  - 4" MIN. 5/16" MAX. TO HARD SURFACE.
  - A/C PAD. VERIFY LOCATION.
  - 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.
- NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE



**NORTH CAROLINA 50' SERIES**

KB HOME  
NORTH CAROLINA DIVISION

4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582

**2018 NORTH CAROLINA STATE BUILDING CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
DIVISION MGR.: MP

REVISIONS:

VENTILATION NC2008NCP/ 01/17/20 /KBA

FOR INTERNAL USE ONLY

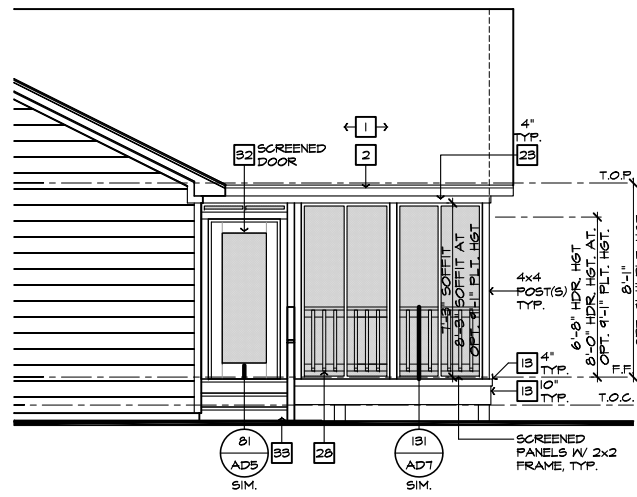
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PLAN: 150.1910

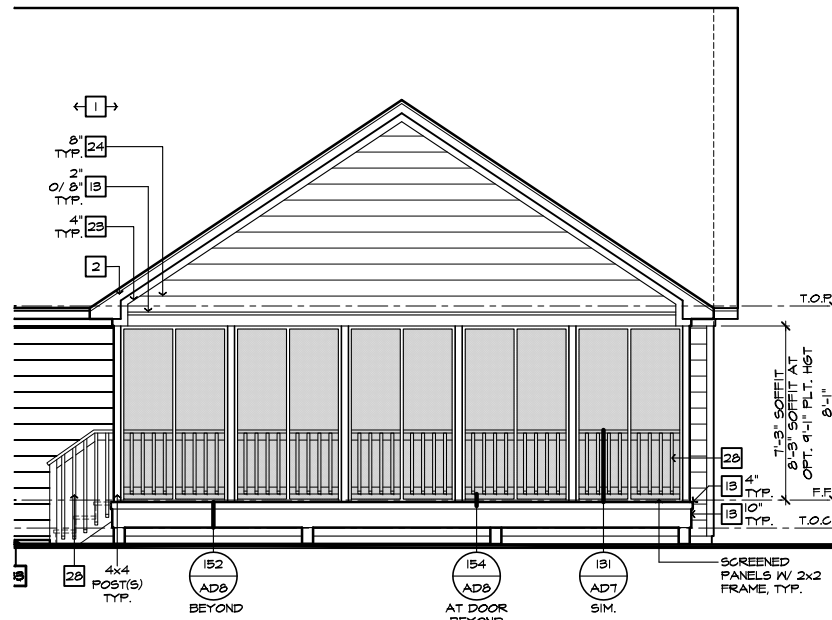
SHEET: 8.A3

**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**



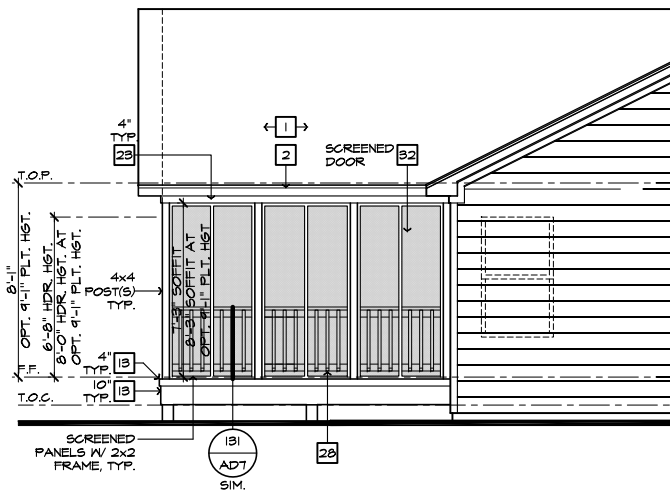
**PARTIAL RIGHT ELEVATION**

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")

**ROOF PLAN NOTES 'A'**

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.  
6:12

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

**ATTIC VENT CALCULATIONS**

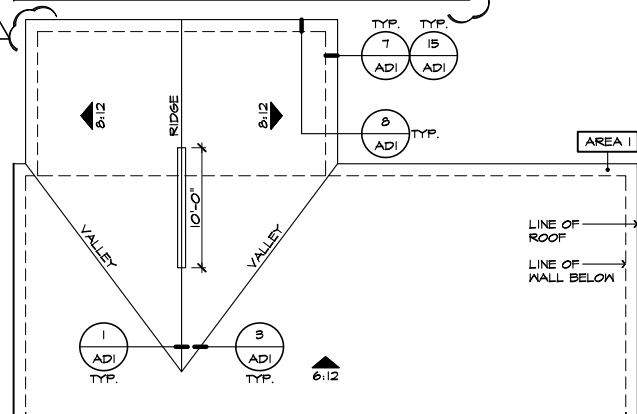
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\* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

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

AREA / MAIN	VENTILATION REQUIRED:	SQ. FT. / 300	4.10 SQ. FT.
ATTIC AREA = 2751			
	X 144 =	1911 SQ. IN.	
	TOTAL HIGH & LOW =	1911 SQ. IN.	
	X 50% =	655 SQ. IN.	

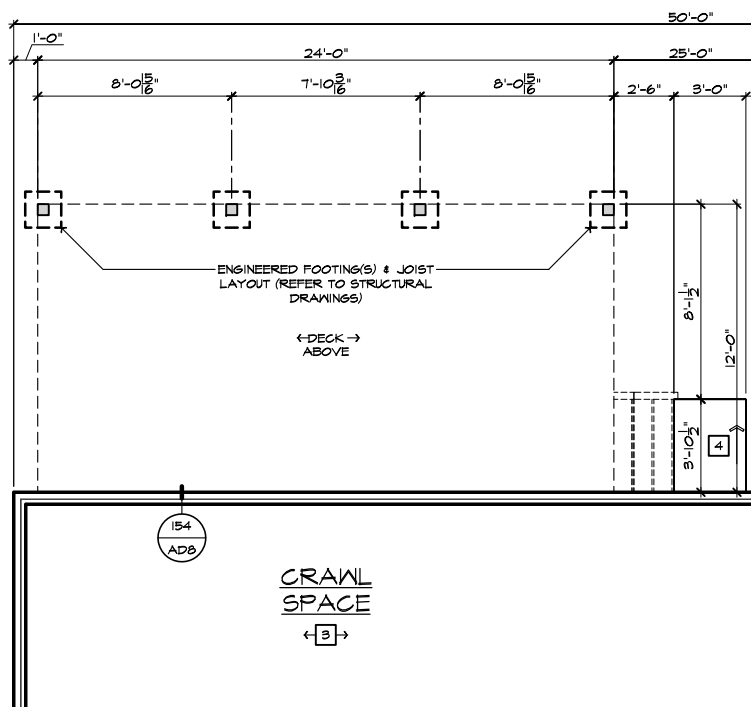
VENTILATION PROVIDED:

HEIGHT	LF RIDGE VENT(S) AT	18 SQ. IN. / LF. =	742 SQ. IN.
44			
0	ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
	SUB-TOTAL HIGH VENTILATION:		742 SQ. IN.
120			
114	LF VENTILATED SOFFIT AT	6.9 SQ. IN. / LF. =	787 SQ. IN.
0	ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
	TOTAL VENTILATION PROVIDED:		1574 SQ. IN.



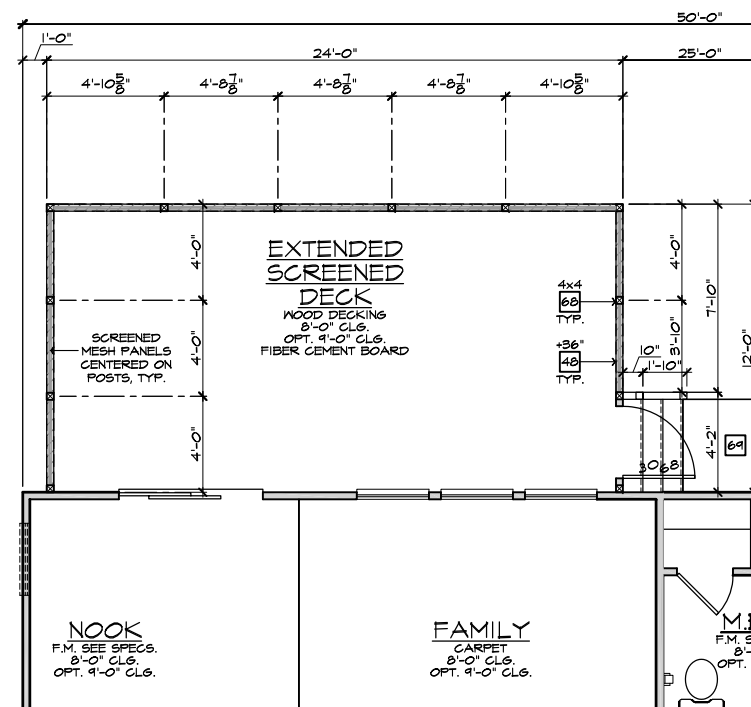
**PARTIAL ROOF PLAN**

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



**PARTIAL CRAWL SPACE PLAN**

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")

**EXTENDED SCREENED-IN COVERED DECK AT CRAWL SPACE 'A'**

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
  - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  - 6.1. FLASHING
  - 6.1. FLASHING & SADDLE/CRICKET
  - 6.1. DRIP SCREED
  - 24"x24" CHIMNEY
  - DECORATIVE VENT
  - DECORATIVE CORBEL
  - DECORATIVE SHUTTERS
  - PEDIMENT. SEE ELEVATION FOR TYPE
  - RECESSED ELEMENT
  - DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  - TRIM - SEE ELEVATION FOR SIZE
  - SYNTHETIC MATERIAL
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - SHAKE SIDING
  - STONE VENEER PER SPECS
  - BRICK/MASONRY VENEER PER SPECS
  - BUILT UP BRICK COLUMN
  - SOLDIER COURSE
  - ROWLOCK COURSE
  - FRIEZE BOARD
  - SIDING W/ 4" CORNER TRIM PER SPECS
  - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  - PRE-FAB DECORATIVE TRIM
  - LIGHT WEIGHT PRECAST STONE TRIM
  - RAILINGS (#36" U.N.O.)
  - WRAP
  - DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
  - BRACKET OR KICKER - FYPON OR EQ.
  - ENTRY DOOR
  - CONCRETE STOOFF/ PORCH - SEE SLAB INTERFACE PLAN.
  - SECTIONAL GARAGE DOOR PER SPECS
  - ALUMINUM WRAP
  - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  - OPTIONAL STANDING SEAM METAL ROOF
  - KEYSTONE
  - SOLDIER CROWN
  - JACK SOLDIER COURSE
  - WATER TABLE
  - ATRIUM DOOR
  - PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  - WATER HEATER 'B' VENT TO OUTSIDE AIR
  - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  - LINE OF WALL BELOW
  - LINE OF FLOOR ABOVE
  - LINE OF FLOOR BELOW
  - MIN. 12" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  - MIN. PAD LOCATION
  - LOW WALL - REFER TO PLAN FOR HEIGHT
  - 2x6 STUD WALL
  - DBL. 2x4 WALL PER PLAN
  - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  - FLAT SOFFIT
  - ARCHED SOFFIT
  - OPT. DOOR/ WINDOW
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - BRICK / STONE VENEER - REFER TO ELEVATIONS
  - SECTIONAL GARAGE DOOR PER SPECS
  - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  - P.T. POST W/ WRAP.
  - GRESS WINDOW
  - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

**VENTILATION**  
NC2008NCP/ 01/17/20 / KBA

FOR INTERNAL USE ONLY

REVIEWED BY:

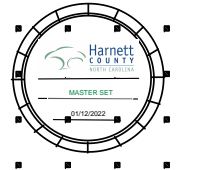
1.	
2.	
3.	
4.	
5.	
6.	

NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R401.

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

NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

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



**NORTH CAROLINA 50' SERIES**

KB HOME  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582

**2018 NORTH CAROLINA STATE BUILDING CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
DIVISION MGR.: MP

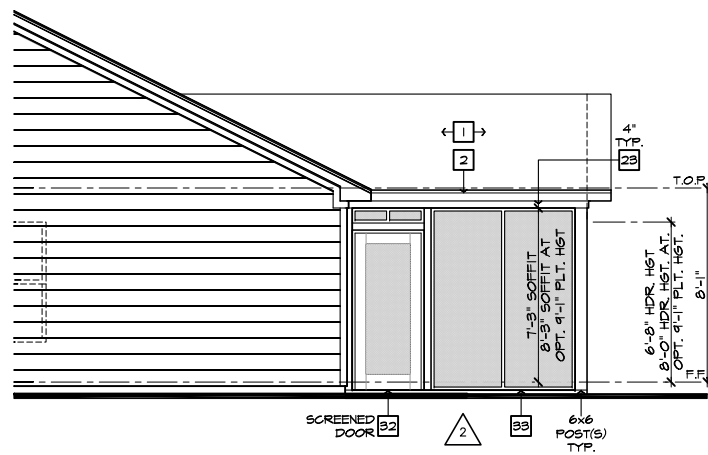
REVISIONS:

PLAN: 150.1910  
SHEET: 8.A4

**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

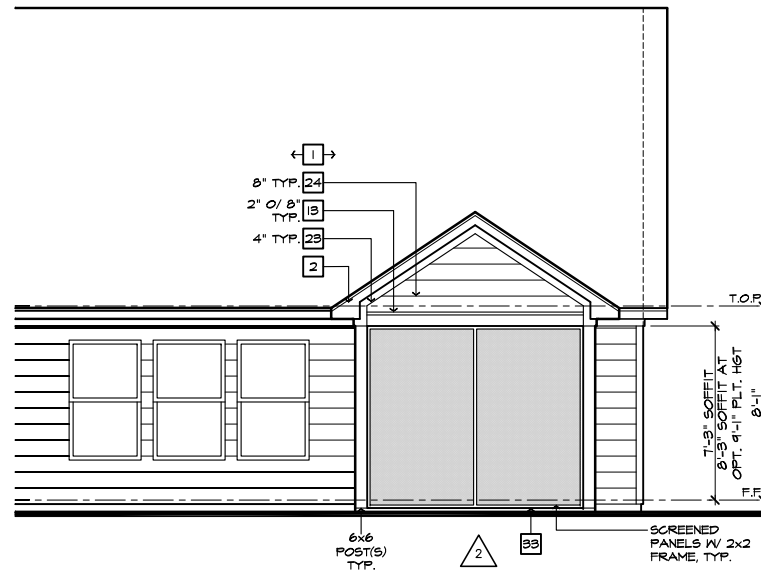
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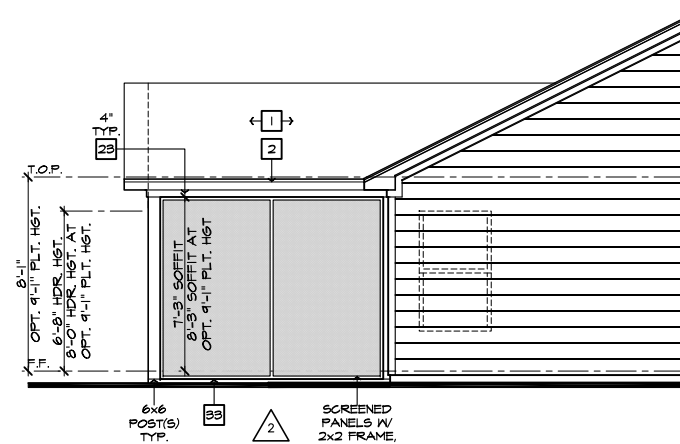
PARTIAL RIGHT ELEVATION

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



PARTIAL REAR ELEVATION

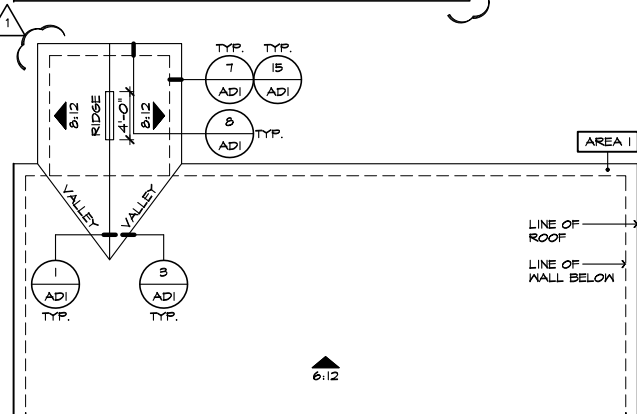
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



PARTIAL LEFT ELEVATION

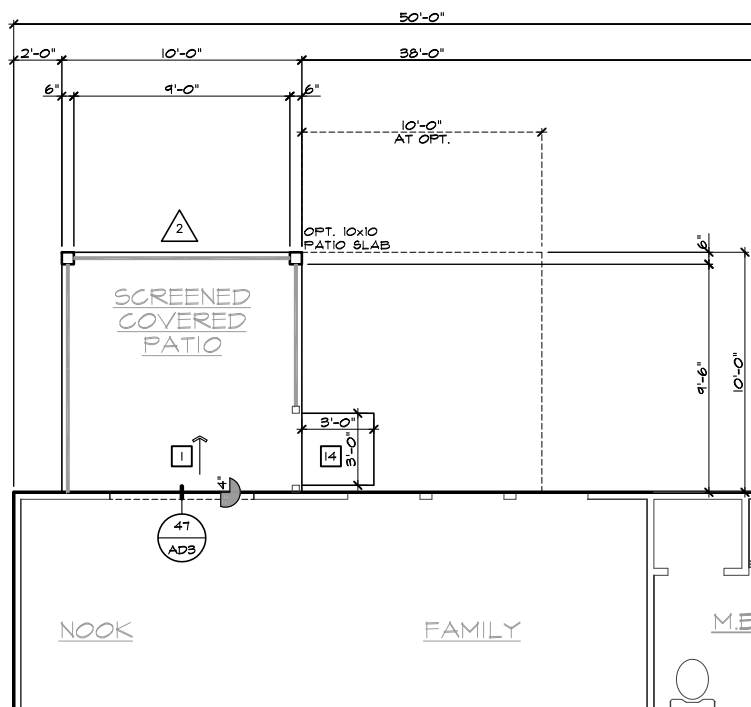
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ROOF PLAN NOTES 'A'	
INDICATES ROOF SLOPE AND DIRECTION, U.N.O. <b>6:12</b>	
ROOF MATERIAL: COMPOSITION SHINGLE	
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.	
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.	
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.	
ATTIC VENT CALCULATIONS	
PROVIDE 1 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 NC-R 206.2)	
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.	
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	
AREA 1 MAIN:	
VENTILATION REQUIRED:	
ATTIC AREA = 2548	50 SQ. FT. / 300 = 8.49 SQ. FT.
	X 144 = 1221 SQ. IN.
	TOTAL HIGH & LOW = 1221 SQ. IN.
	X 50% = 610 SQ. IN.
VENTILATION PROVIDED:	
HIGH:	
40	LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 120 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
SUB-TOTAL HIGH VENTILATION: 120 SQ. IN.	
LOW:	
120 SQ. IN.	



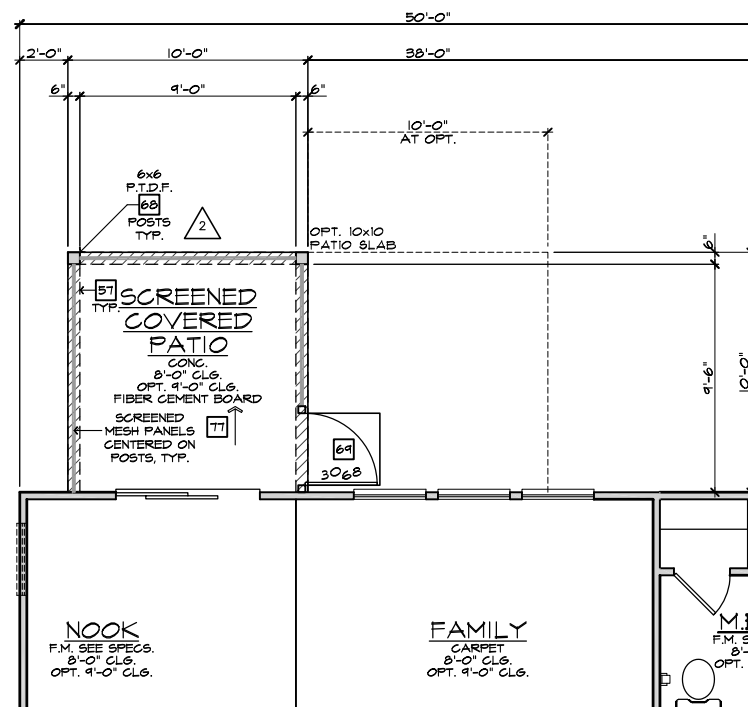
PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



PARTIAL SLAB INTERFACE PLAN

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")

SCREENED-IN PATIO 'A'

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

#	ELEVATION NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6:1. FLASHING
4.	6:1. FLASHING & SADDLE/GRICKET
5.	6:1. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM PER SPEC- SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	ROCKLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	P.T. LUMBER RAILINGS (+36" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE

#	PARTIAL PLAN NOTES
NOTE: NOT ALL KEY NOTES APPLY.	
27.	WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
28.	WATER HEATER 'B' VENT TO OUTSIDE AIR
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
39.	LINE OF WALL BELOW
41.	LINE OF FLOOR ABOVE
42.	LINE OF FLOOR BELOW
50.	MIN. 12" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
50.	MIN. PAD LOCATION
51.	LOW WALL - REFER TO PLAN FOR HEIGHT
52.	2x6 STUD WALL
54.	DBL. 2x4 WALL PER PLAN
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
57.	FLAT SOFFIT
58.	ARCHED SOFFIT
60.	OPT. DOOR/ WINDOW
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
62.	BRICK / STONE VENEER - REFER TO ELEVATIONS
63.	SECTIONAL GARAGE DOOR PER SPECS
66.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
68.	P.T. POST W/ WRAP.
70.	EGRESS WINDOW
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 1/4" PER FT. MIN. SEE PLAN FOR SIZE

NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R401.	
NOTE: THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R401.2.	
NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE	
NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE	
NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE	



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SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582

**2018 NORTH CAROLINA STATE BUILDING CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
DIVISION MGR.: MP

- REVISIONS:
- 1 VENTILATION NC2008NCP/ 01/17/20 /KBA
  - 2 FRAMEWALK NC20019NCP/ 03-25-20 /KBA

PLAN: 150.1910  
SHEET: 8.A5

**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

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### 2018 NORTH CAROLINA STATE BUILDING CODES

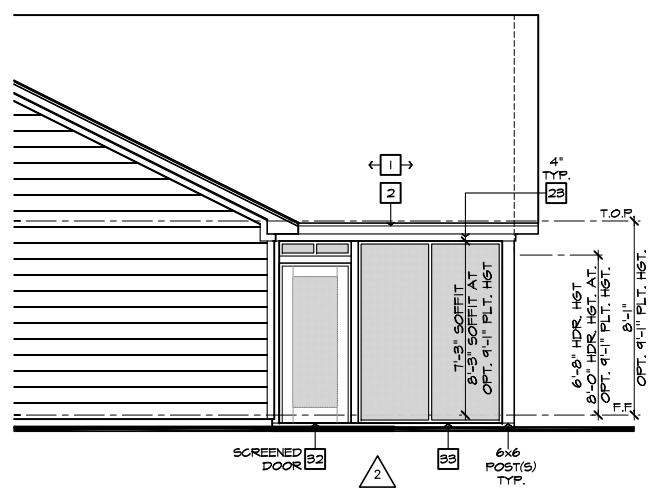
ISSUE DATE: 12/13/19 PROJECT No.: 1350999:57 DIVISION MGR.: MP REVISIONS:

- 1 VENTILATION NC2008NCP/ 01/17/20 /KBA
- 2 FRAMEWALK NC20019NCP/ 03-25-20 /KBA

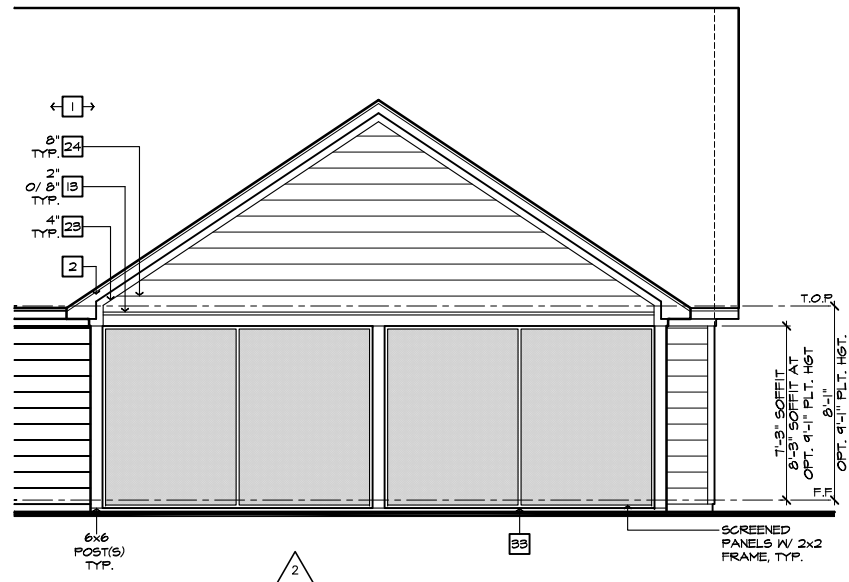
PLAN: 150.1910 SHEET: 8.A6

SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES

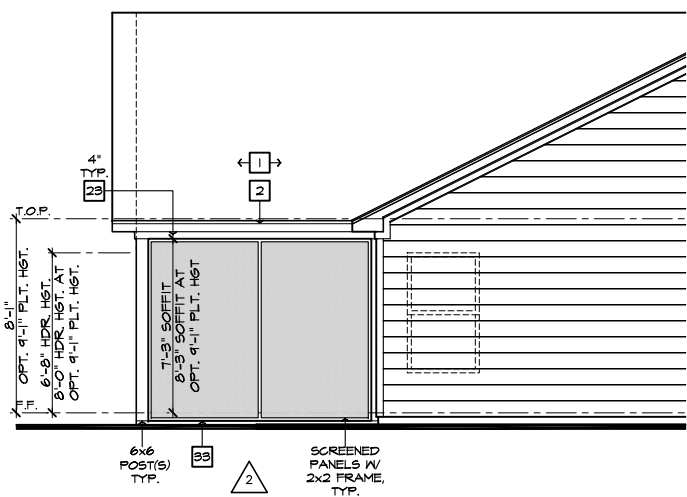
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PARTIAL RIGHT ELEVATION SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

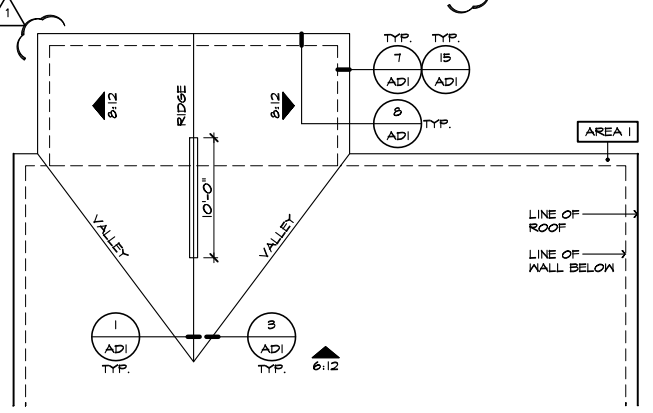


PARTIAL REAR ELEVATION SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

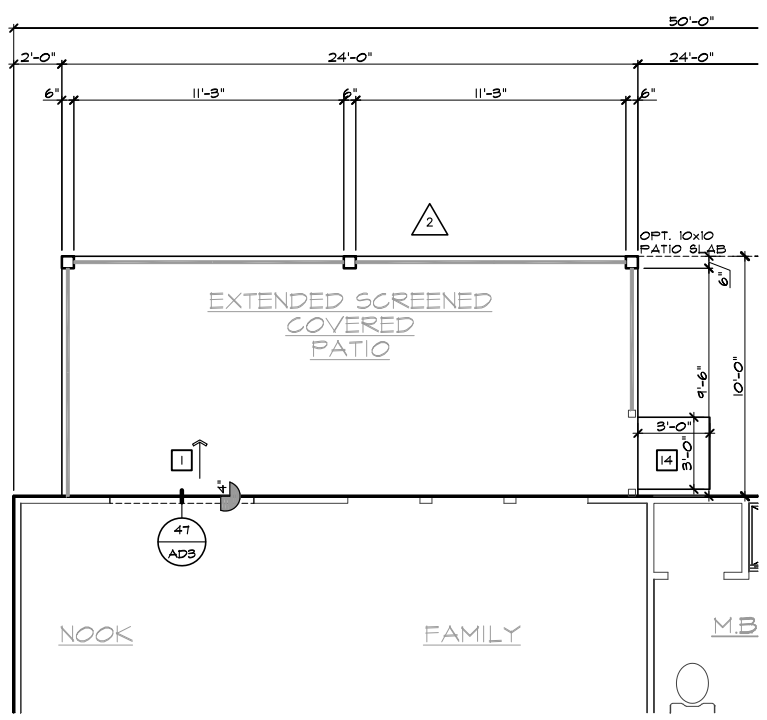


PARTIAL LEFT ELEVATION SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

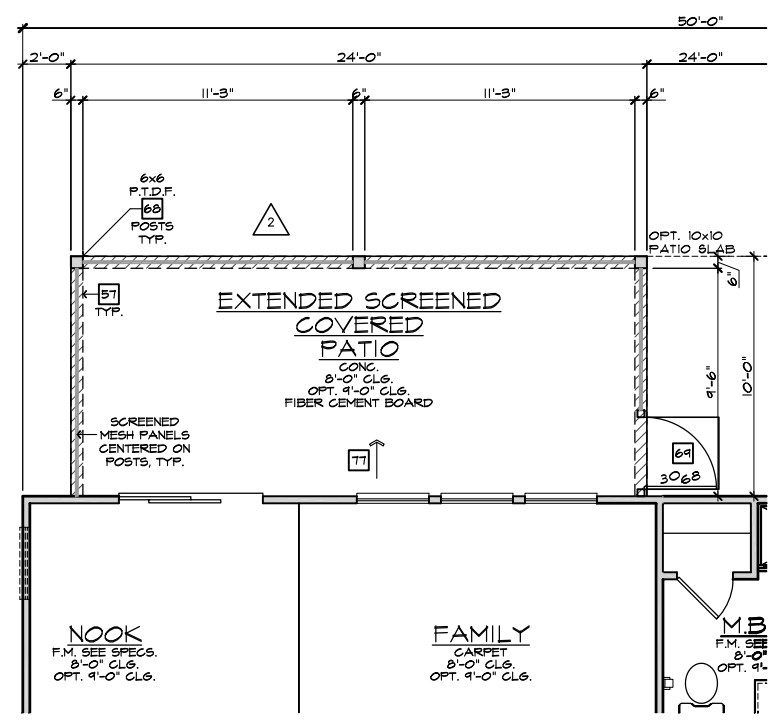
ROOF PLAN NOTES 'A'			
	INDICATES ROOF SLOPE AND DIRECTION, U.N.O.	6:12	
ROOF MATERIAL: COMPOSITION SHINGLE			
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.			
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.			
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.			
ATTIC VENT CALCULATIONS			
PROVIDE 1 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 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, LOW VENTING (2018 NC-R 906.2)			
% CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.			
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.			
AREA 1 / MAIN			
VENTILATION REQUIRED:			
ATTIC AREA = 2685	SQ. FT. / 300	8,94 SQ. FT.	
	X 144 =	1288 SQ. IN.	
	TOTAL HIGH & LOW =	1288 SQ. IN.	
	X 50% =	644 SQ. IN.	
VENTILATION PROVIDED:			
HIGH			
44	LF RIDGE VENT(S) AT	18 SQ. IN. / LF. =	792 SQ. IN.
0	ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:			792 SQ. IN.
LOW			
112	LF VENTILATED SOFFIT AT	6.9 SQ. IN. / LF. =	773 SQ. IN.
0	ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
TOTAL VENTILATION PROVIDED:			1565 SQ. IN.



PARTIAL ROOF PLAN SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



PARTIAL SLAB INTERFACE PLAN SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



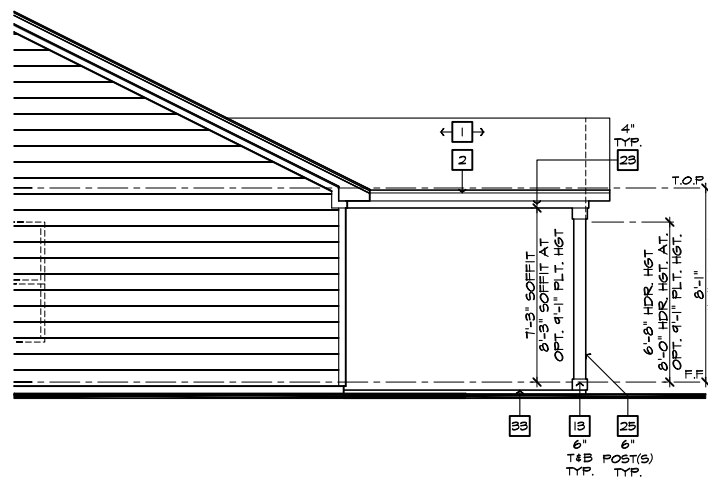
PARTIAL FIRST FLOOR PLAN SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

EXTENDED SCREENED-IN COVERED PATIO 'A' 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
  - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  - 6:1. FLASHING
  - 6:1. FLASHING & SADDLE/CRICKET
  - 6:1. DRIP SCREED
  - 24"x24" CHIMNEY
  - DECORATIVE VENT
  - DECORATIVE CORBEL
  - DECORATIVE SHUTTERS
  - PEDIMENT. SEE ELEVATION FOR TYPE
  - RECESSED ELEMENT
  - DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  - TRIM PER SPEC- SEE ELEVATION FOR SIZE
  - SYNTHETIC MATERIAL
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - SHAKE SIDING
  - STONE VENEER PER SPECS
  - BRICK/MASONRY VENEER PER SPECS
  - BUILT UP BRICK COLUMN
  - SOLDIER COURSE
  - ROWLOCK COURSE
  - FRIEZE BOARD
  - SIDING W/ 4" CORNER TRIM PER SPECS
  - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  - PRE-FAB DECORATIVE TRIM
  - LIGHT WEIGHT PRECAST STONE TRIM
  - P.T. LUMBER RAILINGS (36" U.N.O.)
  - WRAP
  - DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
  - BRACKET OR KICKER - FYPON OR EQ.
  - ENTRY DOOR
  - CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  - SECTIONAL GARAGE DOOR PER SPECS
  - ALUMINUM WRAP
  - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  - OPTIONAL STANDING SEAM METAL ROOF
  - KEYSTONE
  - SOLDIER CROWN
  - JACK SOLDIER COURSE
  - WATER TABLE
  - ATRIUM DOOR
  - PILASTER - SEE ELEVATION FOR TYPE

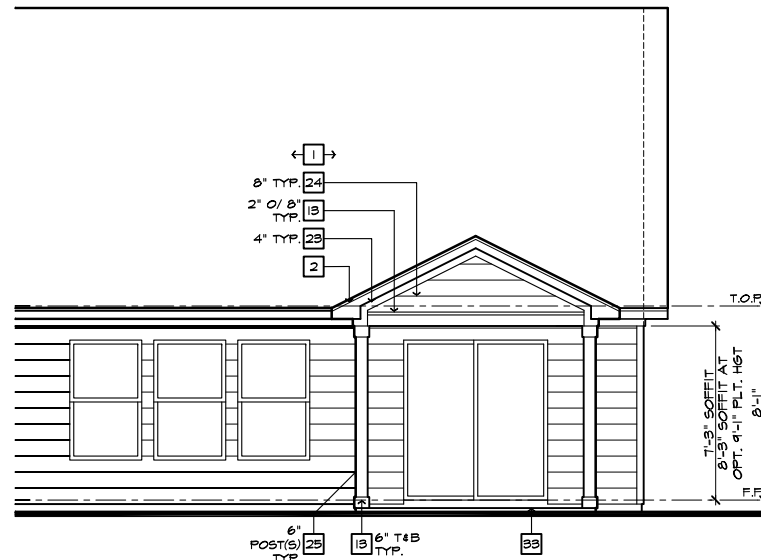
- #### PARTIAL PLAN NOTES
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN (REFER TO DETAILS)
  - WATER HEATER 'B' VENT TO OUTSIDE AIR
  - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  - LINE OF WALL BELOW
  - LINE OF FLOOR ABOVE
  - LINE OF FLOOR BELOW
  - MIN. 2x4 GUARDRAIL (REFER TO DETAIL SHEETS)
  - MIN. PAD LOCATION
  - LOW WALL - REFER TO PLAN FOR HEIGHT
  - 2x6 STUD WALL
  - DBL. 2x4 WALL PER PLAN
  - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  - FLAT SOFFIT
  - ARCHED SOFFIT
  - OPT. DOOR/ WINDOW
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - BRICK / STONE VENEER - REFER TO ELEVATIONS
  - SECTIONAL GARAGE DOOR PER SPECS
  - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE
  - NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  - P.T. POST W/ WRAP.
  - EGRESS WINDOW
  - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R401.
- NOTE: THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R401.2.
- NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE



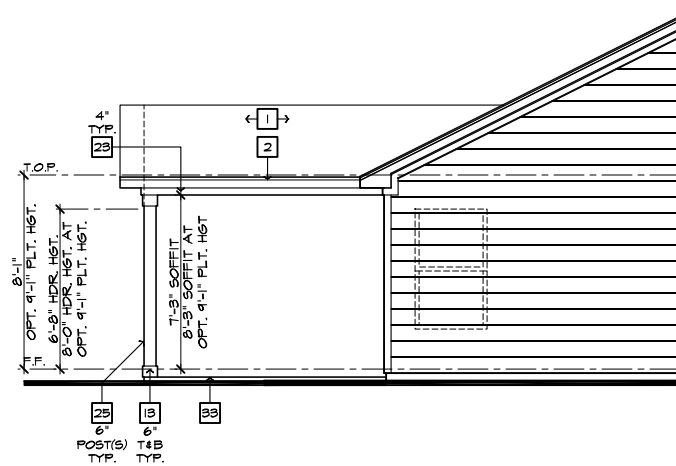
**PARTIAL RIGHT ELEVATION**

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")

**ROOF PLAN NOTES 'B'**

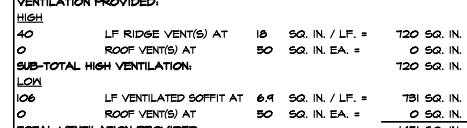
INDICATES ROOF SLOPE AND DIRECTION, U.N.O.  
6:12

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

**ATTIC VENT CALCULATIONS**  
PROVIDE 1 SQ. IN. OF VENTILATION PER 500 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 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 906.2)  
\* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

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

AREA / MAIN	VENTILATION REQUIRED:	VENTILATION PROVIDED:
ATTIC AREA = 2543	SQ. FT. / 500 = 5.09 SQ. FT.	40 LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 720 SQ. IN.
	X 144 = 1221 SQ. IN.	0 ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
	TOTAL HIGH & LOW = 1221 SQ. IN.	X 50% = 610 SQ. IN.
		106 LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 731 SQ. IN.
		0 ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
		TOTAL VENTILATION PROVIDED: 1481 SQ. IN.

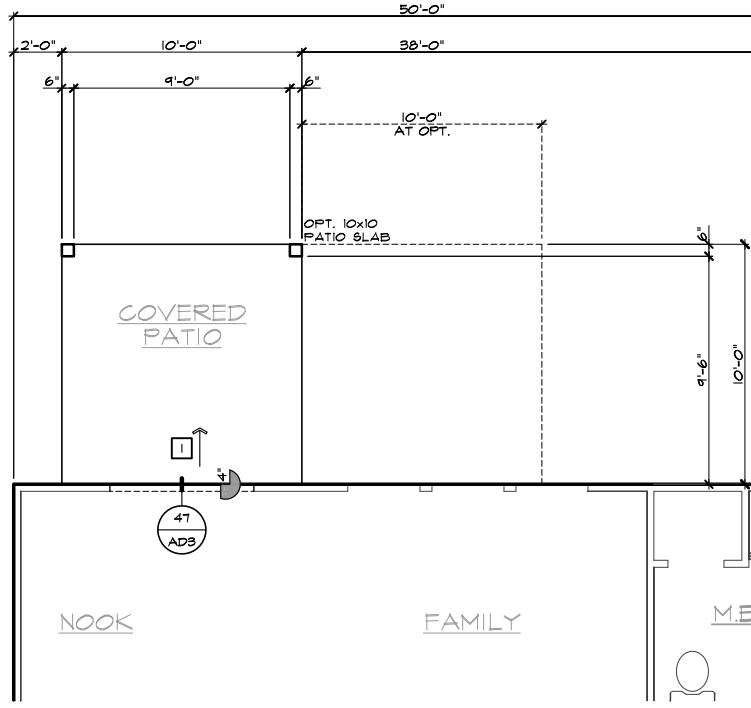


**PARTIAL ROOF PLAN**

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")

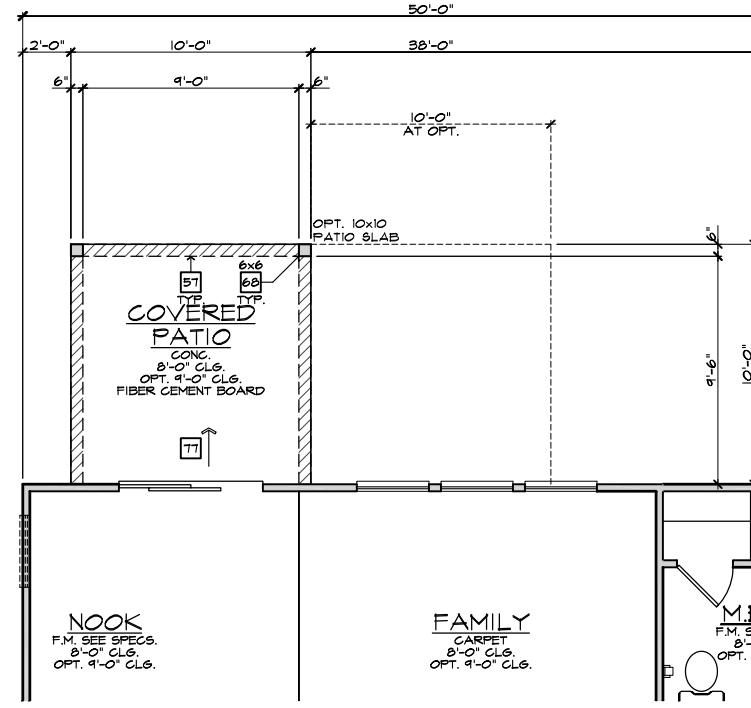
**COVERED PATIO 'B'**

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



**PARTIAL SLAB INTERFACE PLAN**

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** 208.16-9
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1. FLASHING
  4. 6:1. FLASHING & SADDLE/GRICKET
  5. 6:1. DRIP SCREED
  6. 24"x24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. ROWLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE

- # PARTIAL PLAN NOTES** 208.16-9
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  28. WATER HEATER 'B' VENT TO OUTSIDE AIR
  29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  39. LINE OF WALL BELOW
  41. LINE OF FLOOR ABOVE
  42. LINE OF FLOOR BELOW
  50. MIN. 3/4" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  51. LOW WALL - REFER TO PLAN FOR HEIGHT
  52. 2x6 STUD WALL
  54. DEL. 2x4 WALL PER PLAN
  55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  57. FLAT SOFFIT
  58. ARCHED SOFFIT
  60. OPT. DOOR/ WINDOW
  61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  62. BRICK / STONE VENEER - REFER TO ELEVATIONS
  63. SECTIONAL GARAGE DOOR PER SPECS
  66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  68. P.T. POST W/ WRAP.
  70. EGRESS WINDOW
  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 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- # SLAB PLAN NOTES** 208.16-9
- NOTE: NOT ALL KEY NOTES APPLY.
1. 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: 8"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.
  9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
  10. VERIFY ALL PLUMBING STUD DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB
  11. 4" MIN. 5/16" 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 ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE



**NORTH CAROLINA 50' SERIES**

KB HOME  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582

**2018 NORTH CAROLINA STATE BUILDING CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999-57  
DIVISION MGR.: MP

REVISIONS:



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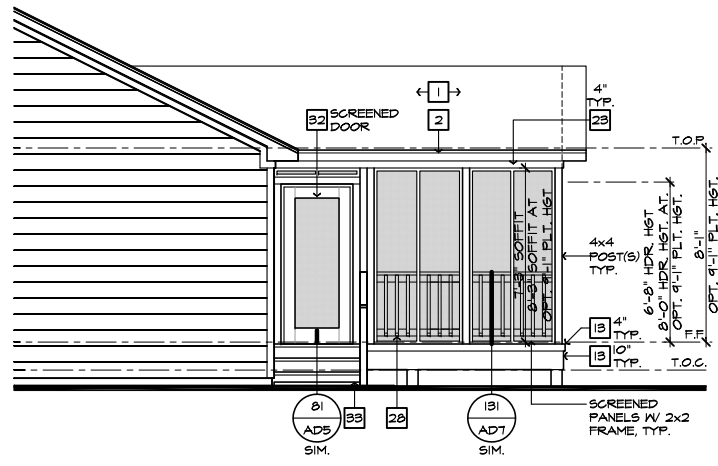
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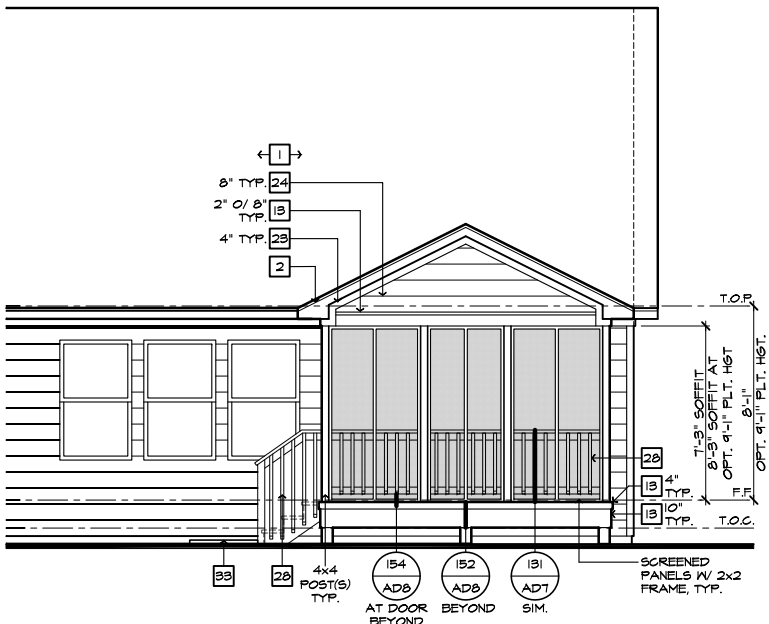
PLAN: 150.1910  
SHEET: 8.B1

**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

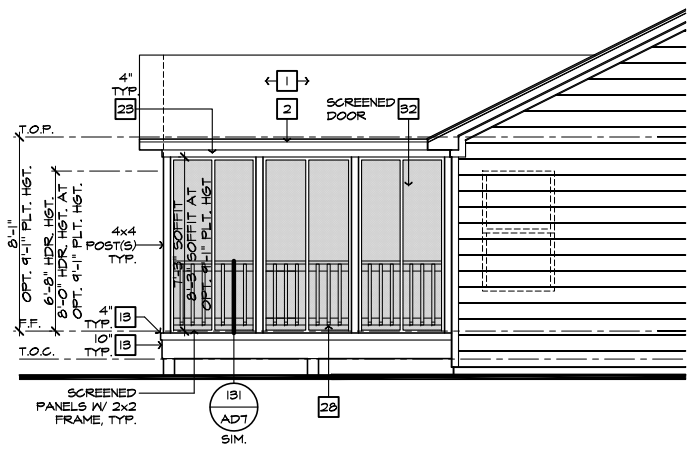
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**PARTIAL RIGHT ELEVATION**  
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



**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")

**ROOF PLAN NOTES 'B'**

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.  
6:12

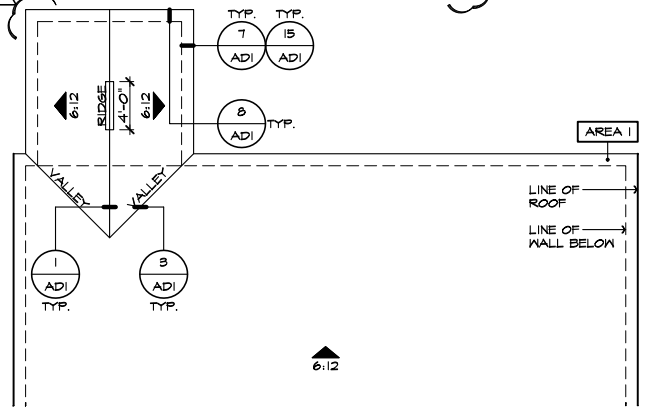
ROOF MATERIAL: COMPOSITION SHINGLE  
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.  
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.  
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

**ATTIC VENT CALCULATIONS**

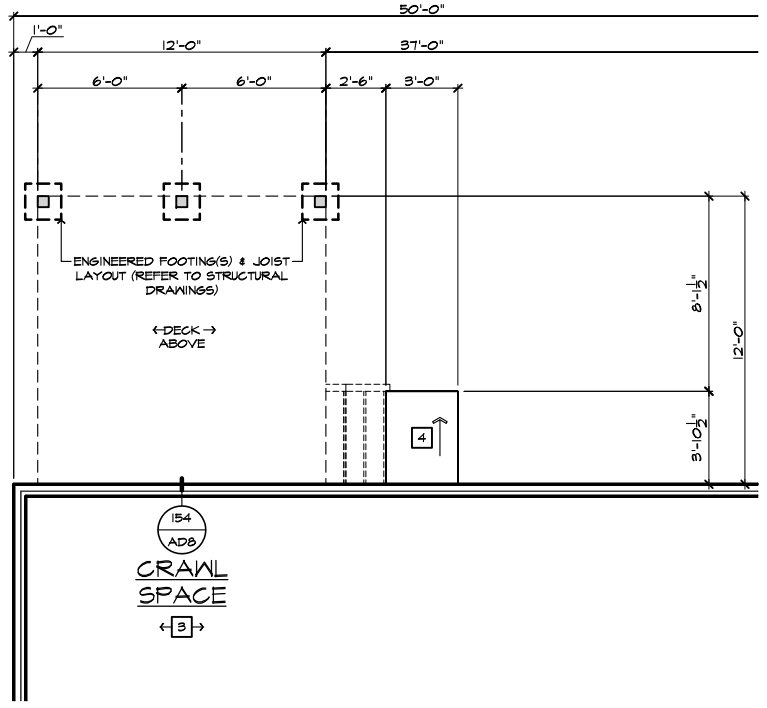
PROVIDE 1 SQ. IN. OF VENTILATION PER 500 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 806.2)  
\* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

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

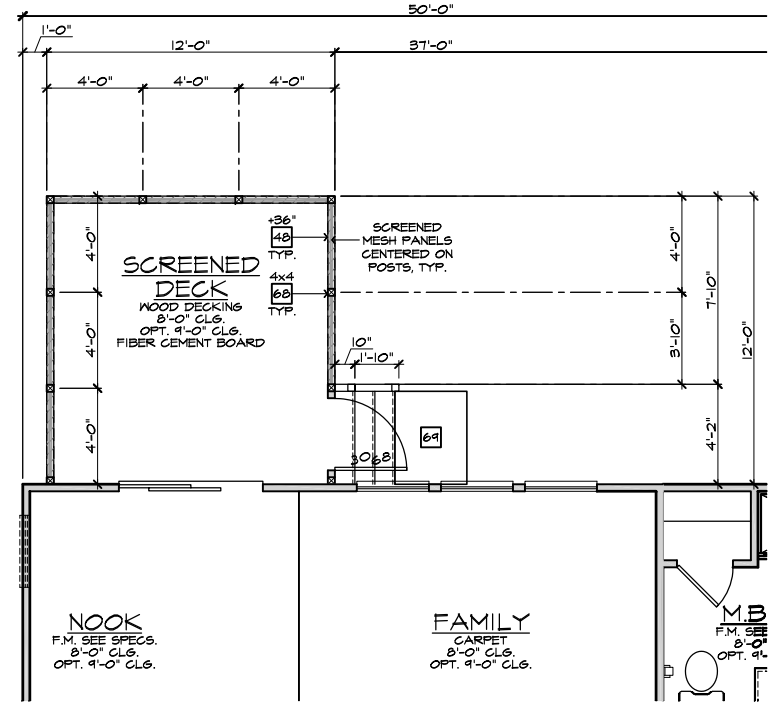
AREA 1 / MAIN:	
<b>VENTILATION REQUIRED:</b>	
ATTIC AREA = 2587	SQ. FT. / 500 = 5.174 SQ. FT.
	X 144 = 745.06 SQ. IN.
	TOTAL HIGH & LOW = 1242 SQ. IN.
	X 50% = 621 SQ. IN.
<b>VENTILATION PROVIDED:</b>	
40 LF RIDGE VENT(S) AT 18 SQ. IN. / LF. =	720 SQ. IN.
0 ROOF VENT(S) AT	0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:	720 SQ. IN.
106 LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. =	731 SQ. IN.
0 ROOF VENT(S) AT	0 SQ. IN.
TOTAL VENTILATION PROVIDED:	1451 SQ. IN.



**PARTIAL ROOF PLAN**  
SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



**PARTIAL CRAWL SPACE PLAN**  
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.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1. FLASHING
  4. 6:1. FLASHING & SADDLE/CRICKET
  5. 6:1. DRIP SCREED
  6. 24"x24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. ROWLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (#36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  28. WATER HEATER 'B' VENT TO OUTSIDE AIR
  29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  39. LINE OF WALL BELOW
  41. LINE OF FLOOR ABOVE
  42. LINE OF FLOOR BELOW
  50. MIN. 12" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  50. MIN. PAD LOCATION
  51. LOW WALL - REFER TO PLAN FOR HEIGHT
  52. 2x6 STUD WALL
  54. DEL. 2x4 WALL PER PLAN
  55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  57. FLAT SOFFIT
  58. ARCHED SOFFIT
  60. OPT. DOOR/WINDOW
  61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  62. BRICK / STONE VENEER - REFER TO ELEVATIONS
  63. SECTIONAL GARAGE DOOR PER SPECS
  66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  68. P.T. POST W/ WRAP.
  70. EGRESS WINDOW
  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 1/4" PER FT. MIN. SEE PLAN FOR SIZE

**VENTILATION**  
NC2008NCP/ 01/17/20 / KBA

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REVIEWED BY:  
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2. \_\_\_\_\_  
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NOTE: 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 R404.2.

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

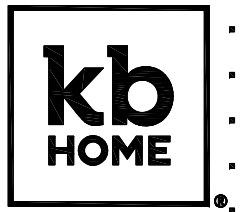
NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

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

PLAN: 150.1910  
SHEET: 8.B2

SPEC. LEVEL 1  
RALEIGH-DURHAM 50' SERIES

**SCREENED-IN COVERED DECK AT CRAWL SPACE 'B'**  
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



**NORTH CAROLINA 50' SERIES**

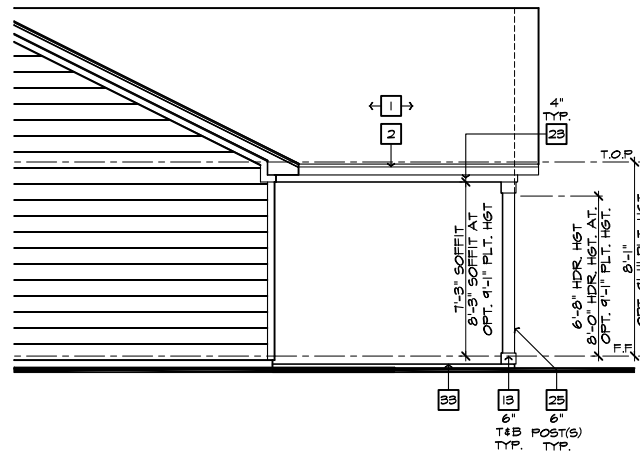
KB HOME  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582

**2018 NORTH CAROLINA STATE BUILDING CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
DIVISION MGR.: MP

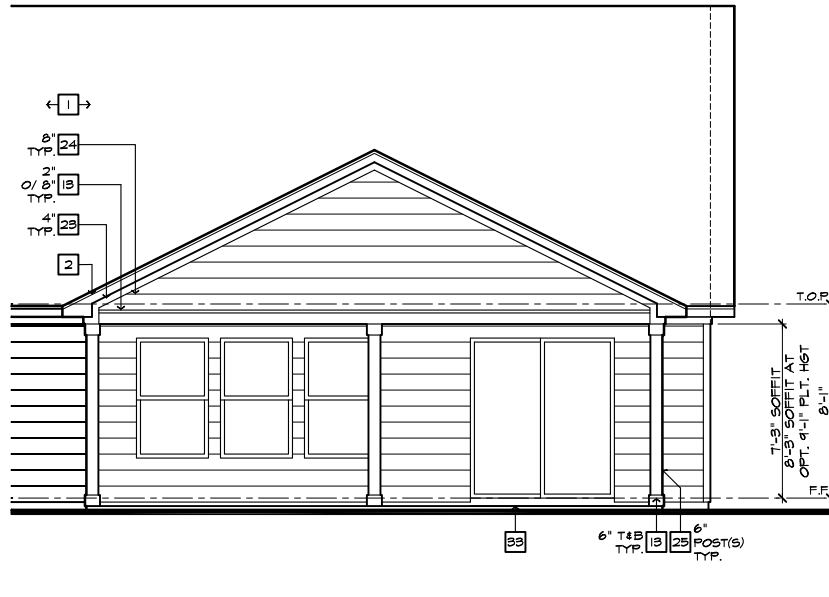
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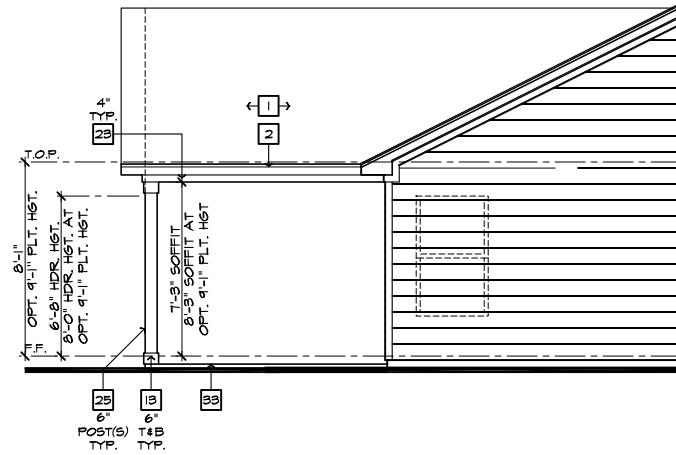
**PARTIAL RIGHT ELEVATION**

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")

**ROOF PLAN NOTES 'B'**

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.  
6:12

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

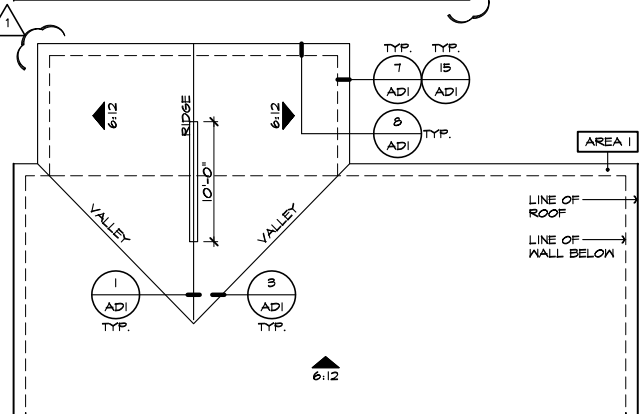
**ATTIC VENT CALCULATIONS**

PROVIDE 1 SQ. IN. OF VENTILATION PER 500 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 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 806.2)  
\* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

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

AREA / MAIN	VENTILATION REQUIRED:	SQ. FT. / 300	8.44 SQ. FT.
ATTIC AREA = 2685		144 =	1288 SQ. IN.
	TOTAL HIGH & LOW =	1288 SQ. IN.	
	x 50% =	644 SQ. IN.	

VENTILATION PROVIDED:	HEIGHT	LF RIDGE VENT(S) AT	18 SQ. IN. / LF. =	742 SQ. IN.
44				
0		ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
<b>SUB-TOTAL HIGH VENTILATION:</b>				
121		LF VENTILATED SOFFIT AT	6.9 SQ. IN. / LF. =	779 SQ. IN.
0		ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
<b>TOTAL VENTILATION PROVIDED:</b>				
1565 SQ. IN.				

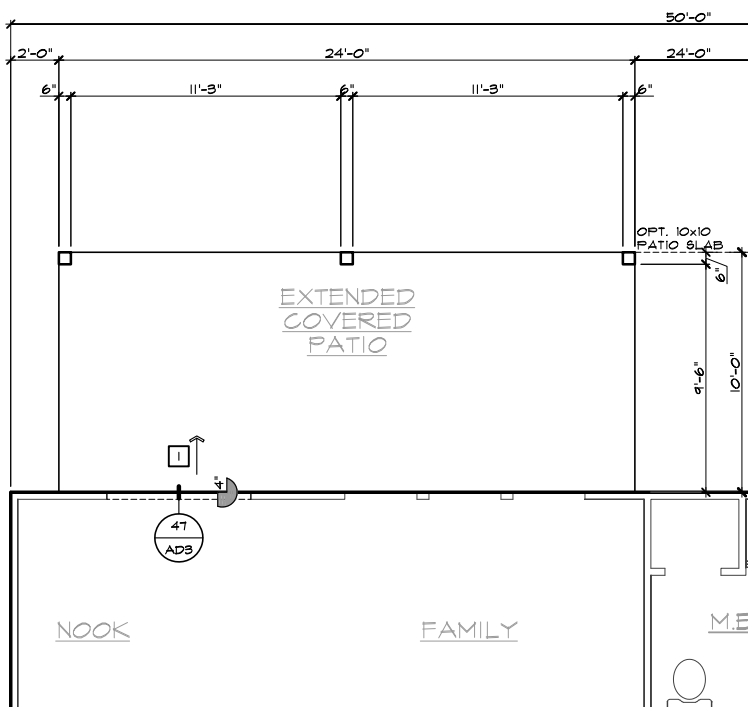


**PARTIAL ROOF PLAN**

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")

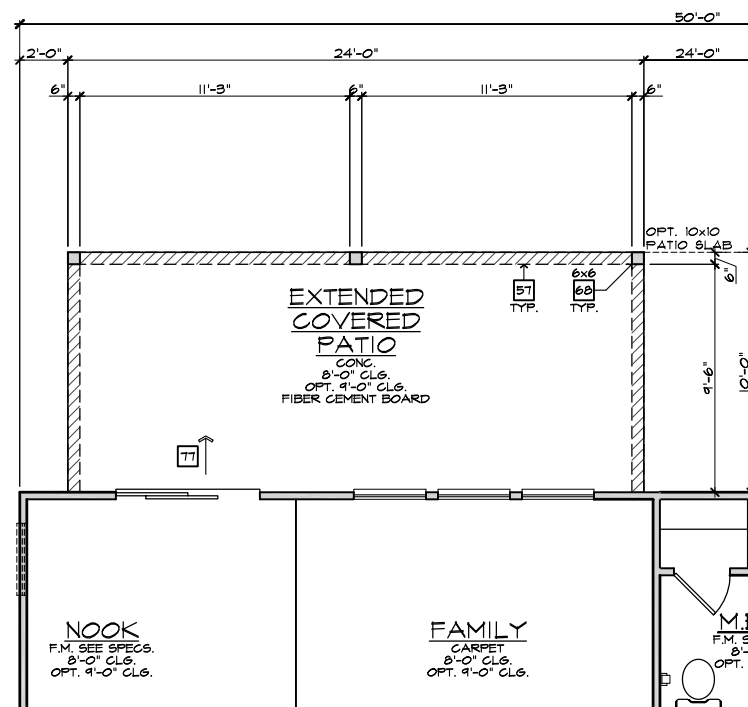
**EXTENDED COVERED PATIO 'B'**

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



**PARTIAL SLAB INTERFACE PLAN**

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
  - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  - 6.1. FLASHING
  - 6.1. FLASHING & SADDLE/GRICKET
  - 6.1. DRIP SCREED
  - 24"x24" CHIMNEY
  - DECORATIVE VENT
  - DECORATIVE CORBEL
  - DECORATIVE SHUTTERS
  - PEDIMENT. SEE ELEVATION FOR TYPE
  - RECESSED ELEMENT
  - DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  - TRIM - SEE ELEVATION FOR SIZE
  - SYNTHETIC MATERIAL
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - SHAKE SIDING
  - STONE VENEER PER SPECS
  - BRICK/MASONRY VENEER PER SPECS
  - BUILT UP BRICK COLUMN
  - SOLDIER COURSE
  - RONLOCK COURSE
  - FRIEZE BOARD
  - SIDING W/ 4" CORNER TRIM PER SPECS
  - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  - PRE-FAB DECORATIVE TRIM
  - LIGHT WEIGHT PRECAST STONE TRIM
  - RAILINGS (#36" U.N.O.)
  - WRAP
  - DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  - BRACKET OR KICKER - FYPON OR EQ.
  - ENTRY DOOR
  - CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  - SECTIONAL GARAGE DOOR PER SPECS
  - ALUMINUM WRAP
  - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  - OPTIONAL STANDING SEAM METAL ROOF
  - KEYSTONE
  - SOLDIER CROWN
  - JACK SOLDIER COURSE
  - WATER TABLE
  - ATRIUM DOOR
  - PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  - WATER HEATER 'B' VENT TO OUTSIDE AIR
  - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  - LINE OF WALL BELOW
  - LINE OF FLOOR ABOVE
  - LINE OF FLOOR BELOW
  - MIN. 2" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  - MIN. PAD LOCATION
  - LOW WALL - REFER TO PLAN FOR HEIGHT
  - 2x6 STUD WALL
  - DEL. 2x4 WALL PER PLAN
  - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  - FLAT SOFFIT
  - ARCHED SOFFIT
  - OPT. DOOR/ WINDOW
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - BRICK / STONE VENEER - REFER TO ELEVATIONS
  - SECTIONAL GARAGE DOOR PER SPECS
  - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  - P.T. POST W/ WRAP.
  - EGRESS WINDOW
  - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES U.N.O.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- SLAB PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
  - CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENINGS.
  - 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 OPENINGS.
  - 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 STUD DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB
  - 4" MIN. 5/16" MAX. TO HARD SURFACE.
  - A/C PAD. VERIFY LOCATION.
  - 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.
- NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE



**NORTH CAROLINA 50' SERIES**

KB HOME NORTH CAROLINA DIVISION

4518 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703  
TEL: (919) 768-7988 FAX: (919) 472-0582

**2018 NORTH CAROLINA STATE BUILDING CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999-57  
DIVISION MGR.: MP

REVISIONS:

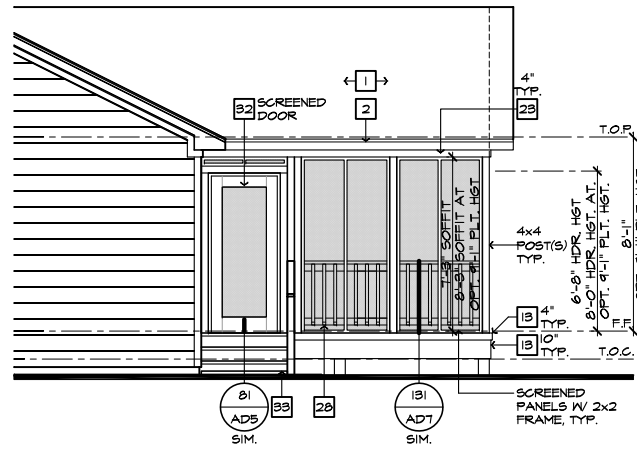
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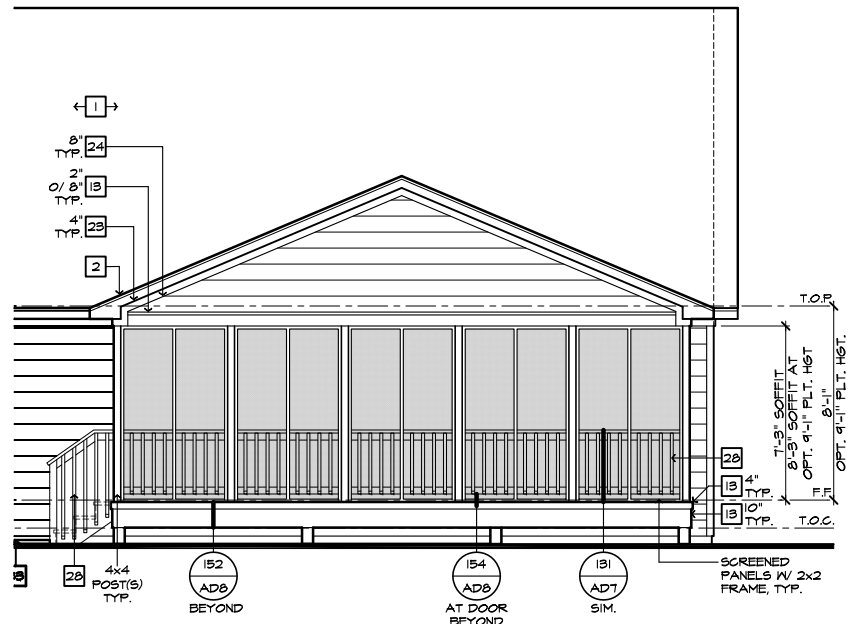
PLAN: 150.1910  
SHEET: 8.B3

**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**



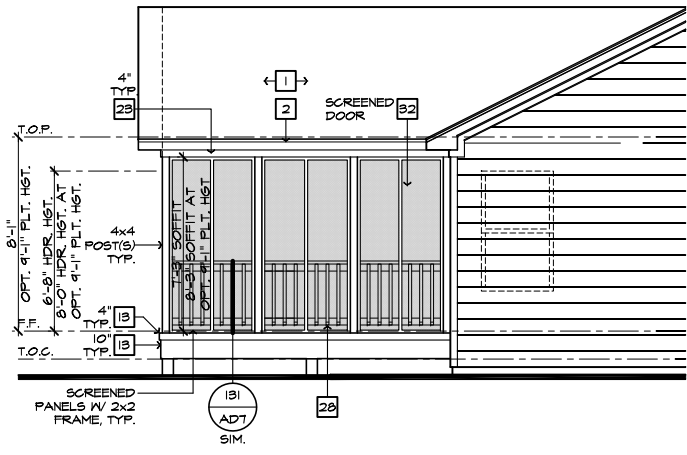
**PARTIAL RIGHT ELEVATION**

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")

**ROOF PLAN NOTES 'B'**

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.  
6:12

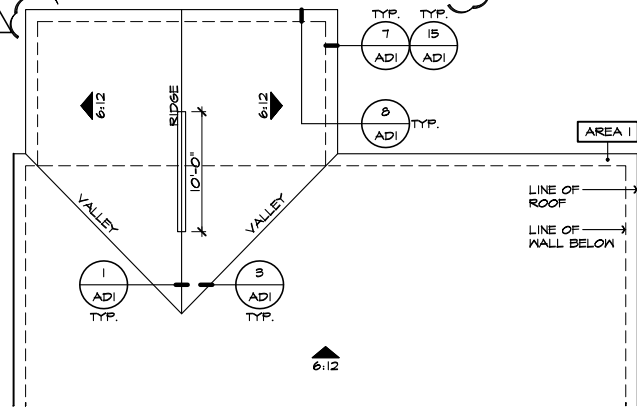
ROOF MATERIAL: COMPOSITION SHINGLE  
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.  
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.  
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

**ATTIC VENT CALCULATIONS**

PROVIDE 1 SQ. IN. OF VENTILATION PER 500 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 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 806.2)  
\* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

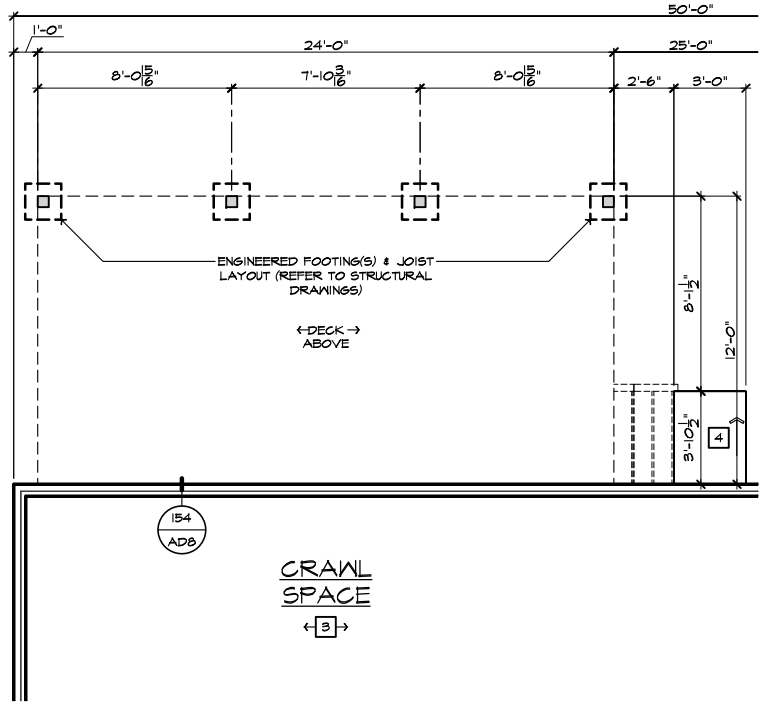
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA / MAIN:	VENTILATION REQUIRED:	VENTILATION PROVIDED:
ATTIC AREA = 2751	500 SQ. FT. / 300 = 410 SQ. FT.	44 LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 792 SQ. IN.
	X 144 = 1911 SQ. IN.	0 ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
	TOTAL HIGH & LOW = 1911 SQ. IN.	X 50% = 655 SQ. IN.
		114 LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 787 SQ. IN.
		0 ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
		TOTAL VENTILATION PROVIDED: 1574 SQ. IN.



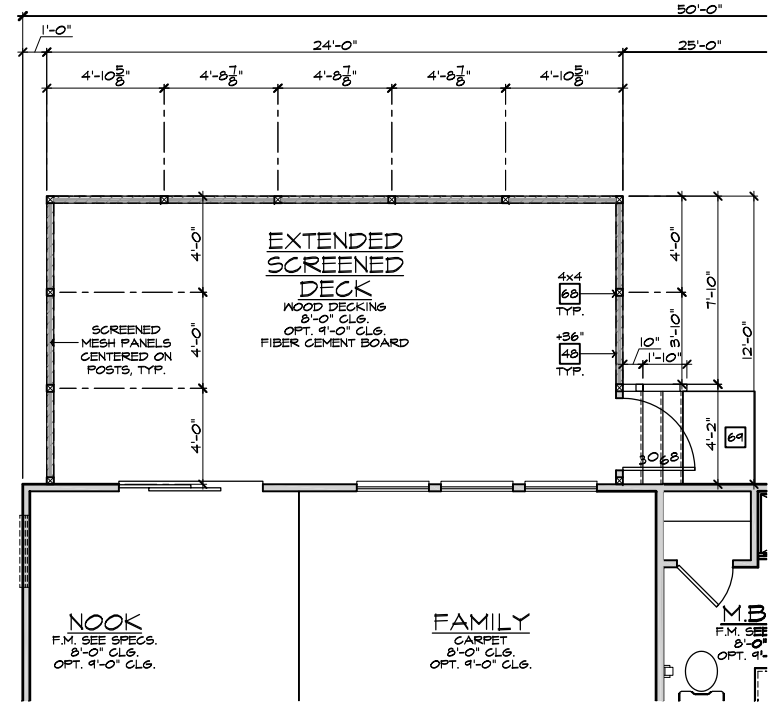
**PARTIAL ROOF PLAN**

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



**PARTIAL CRAWL SPACE PLAN**

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

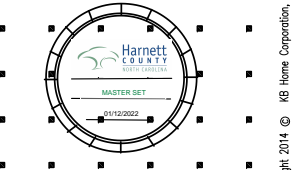


**PARTIAL FIRST FLOOR PLAN**

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
  - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  - 6.1. FLASHING
  - 6.1. FLASHING & SADDLE/CRICKET
  - 6.1. DRIP SCREED
  - 24"x24" CHIMNEY
  - DECORATIVE VENT
  - DECORATIVE CORBEL
  - DECORATIVE SHUTTERS
  - PEDIMENT. SEE ELEVATION FOR TYPE
  - RECESSED ELEMENT
  - DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  - TRIM - SEE ELEVATION FOR SIZE
  - SYNTHETIC MATERIAL
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - SHAKE SIDING
  - STONE VENEER PER SPECS
  - BRICK/MASONRY VENEER PER SPECS
  - BUILT UP BRICK COLUMN
  - SOLDIER COURSE
  - ROWLOCK COURSE
  - FRIEZE BOARD
  - SIDING W/ 4" CORNER TRIM PER SPECS
  - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  - PRE-FAB DECORATIVE TRIM
  - LIGHT WEIGHT PRECAST STONE TRIM
  - RAILINGS (#36" U.N.O.)
  - WRAP
  - DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
  - BRACKET OR KICKER - FYPON OR EQ.
  - ENTRY DOOR
  - CONCRETE STOOFF/ PORCH - SEE SLAB INTERFACE PLAN.
  - SECTIONAL GARAGE DOOR PER SPECS
  - ALUMINUM WRAP
  - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  - OPTIONAL STANDING SEAM METAL ROOF
  - KEYSTONE
  - SOLDIER CROWN
  - JACK SOLDIER COURSE
  - WATER TABLE
  - ATRIUM DOOR
  - PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  - WATER HEATER 'B' VENT TO OUTSIDE AIR
  - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  - LINE OF WALL BELOW
  - LINE OF FLOOR ABOVE
  - LINE OF FLOOR BELOW
  - MIN. 18" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  - MIN. PAD LOCATION
  - LOW WALL - REFER TO PLAN FOR HEIGHT
  - 2x6 STUD WALL
  - DBL. 2x4 WALL PER PLAN
  - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  - FLAT SOFFIT
  - ARCHED SOFFIT
  - OPT. DOOR/ WINDOW
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - BRICK / STONE VENEER - REFER TO ELEVATIONS
  - SECTIONAL GARAGE DOOR PER SPECS
  - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  - P.T. POST W/ WRAP.
  - EGRESS WINDOW
  - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE



**NORTH CAROLINA 50' SERIES**

KB HOME NORTH CAROLINA DIVISION

4518 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703  
TEL: (919) 768-7988 FAX: (919) 472-0582

**2018 NORTH CAROLINA STATE BUILDING CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
DIVISION MGR.: MP

REVISIONS:

VENTILATION NC2008NCP/ 01/17/20 /KBA

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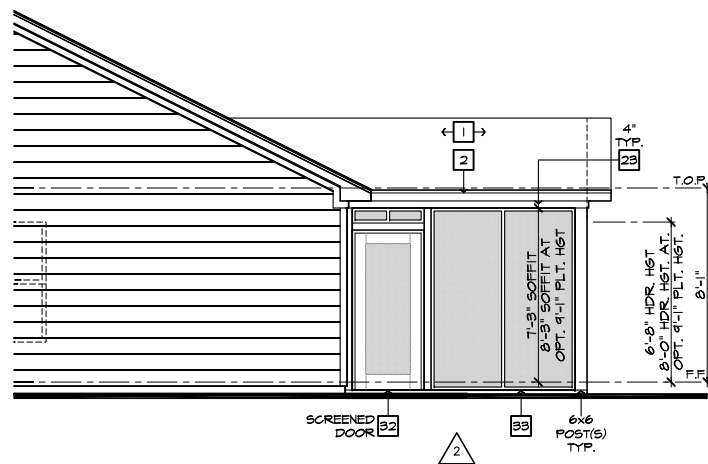
PLAN: 150.1910  
SHEET: 8.B4

SPEC. LEVEL 1  
RALEIGH-DURHAM 50' SERIES

**EXTENDED SCREENED-IN COVERED DECK AT CRAWL SPACE 'B'**

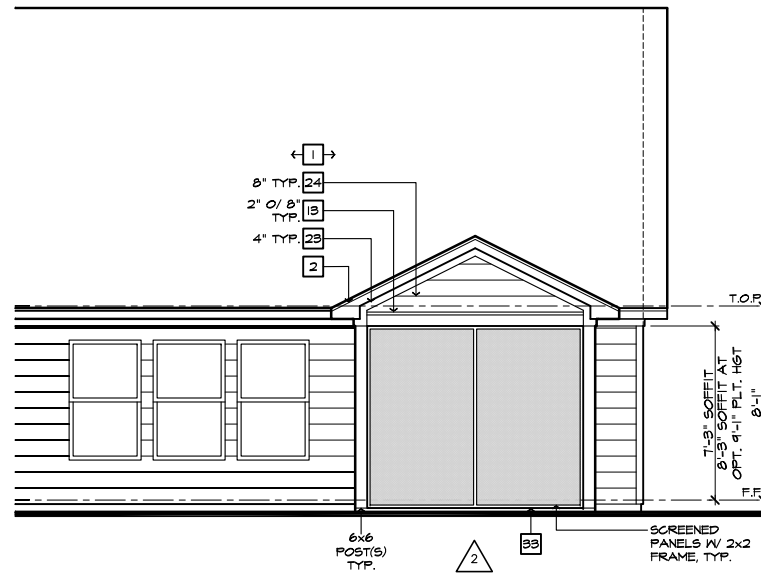
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

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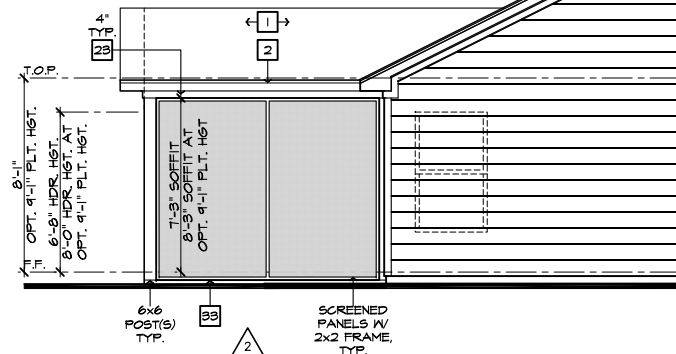
**PARTIAL RIGHT ELEVATION**

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



**PARTIAL REAR ELEVATION**

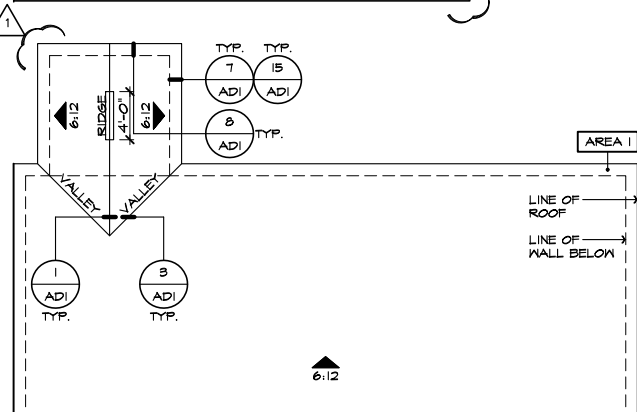
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



**PARTIAL LEFT ELEVATION**

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

ROOF PLAN NOTES 'B'	
	INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
6:12	
ROOF MATERIAL: COMPOSITION SHINGLE	
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.	
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.	
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.	
ATTIC VENT CALCULATIONS	
PROVIDE 1 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 NC-R 206.2)	
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.	
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	
AREA 17 MAIN:	
VENTILATION REQUIRED:	50 SQ. FT. / 300 8.48 SQ. FT.
ATTIC AREA = 2548	X 144 = 1221 SQ. IN.
	TOTAL HIGH & LOW = 1221 SQ. IN.
	X 50% = 610 SQ. IN.
VENTILATION PROVIDED:	
HIGH:	
40	LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 120 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
SUB-TOTAL HIGH VENTILATION: 120 SQ. IN.	
LOW:	
12X1	

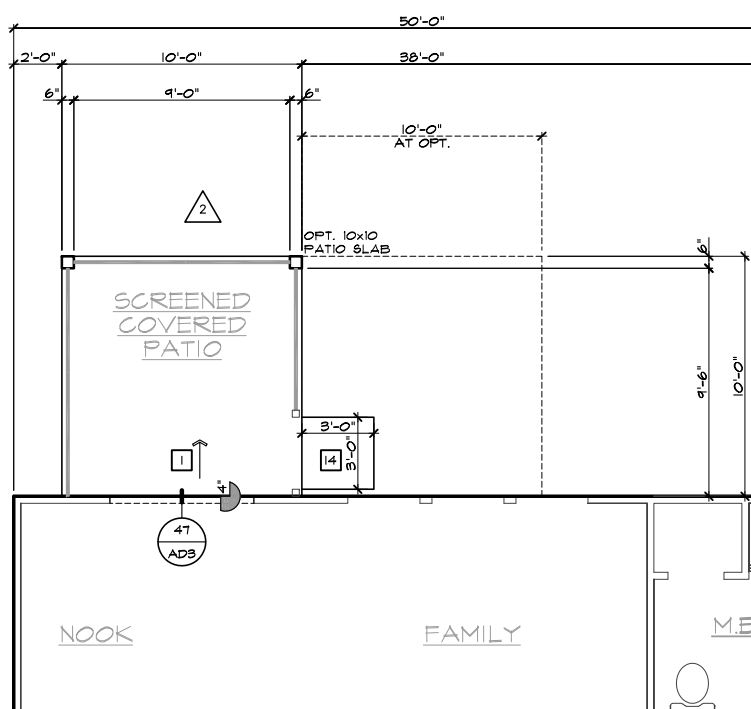


**PARTIAL ROOF PLAN**

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")

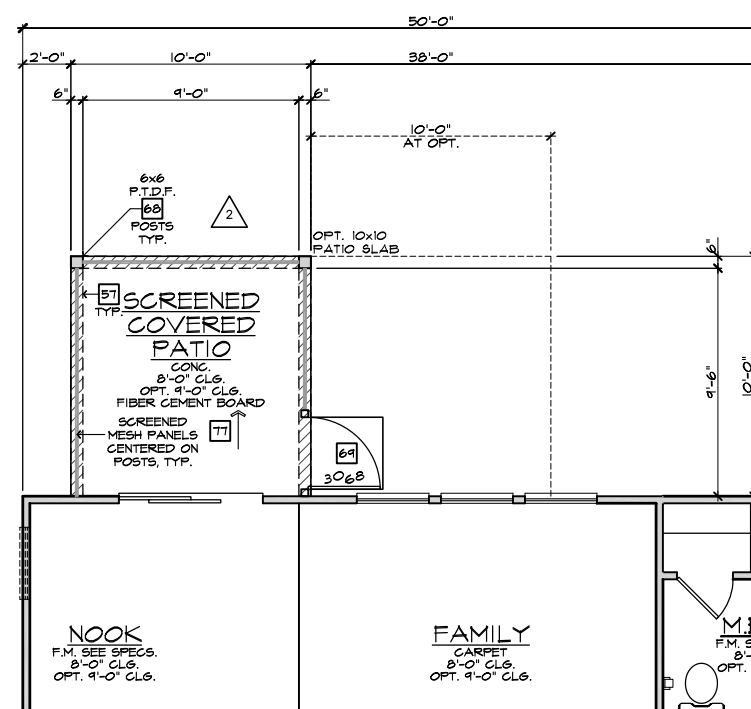
**SCREENED-IN PATIO 'B'**

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



**PARTIAL SLAB INTERFACE PLAN**

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.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1. FLASHING
  4. 6:1. FLASHING & SADDLE/CRICKET
  5. 6:1. DRIP SCREED
  6. 24"x24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. RAILLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. P.T. LUMBER RAILINGS (36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE

- # PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  28. WATER HEATER 'B' VENT TO OUTSIDE AIR
  29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  39. LINE OF WALL BELOW
  41. LINE OF FLOOR ABOVE
  42. LINE OF FLOOR BELOW
  50. MIN. 12" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  50. MIN. PAD LOCATION
  51. LOW WALL - REFER TO PLAN FOR HEIGHT
  52. 2x6 STUD WALL
  54. DEL. 2x4 WALL PER PLAN
  55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  57. FLAT SOFFIT
  58. ARCHED SOFFIT
  60. OPT. DOOR/ WINDOW
  61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  62. BRICK / STONE VENEER - REFER TO ELEVATIONS
  63. SECTIONAL GARAGE DOOR PER SPECS
  68. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  68. P.T. POST W/ WRAP.
  70. EGRESS WINDOW
  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 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- ISSUE DATE: 12/13/19
- PROJECT No.: 1350999:57
- DIVISION MGR.: MP
- REVISIONS:
- 1 VENTILATION NC2008NCP/ 01/17/20 /KBA
  - 2 FRAMEWALK NC20019NCP/ 03-25-20 /KBA
- NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R401.
- NOTE: THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R401.2.
- NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

**kb HOME**

Harnett COUNTY MASTER SET 01/12/2022

**NORTH CAROLINA 50' SERIES**

KB HOME NORTH CAROLINA DIVISION

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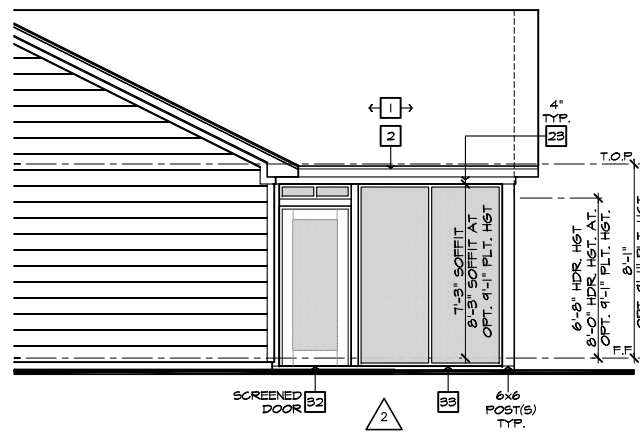
**2018 NORTH CAROLINA STATE BUILDING CODES**

PLAN: 150.1910 SHEET: 8.B5

SPEC. LEVEL 1

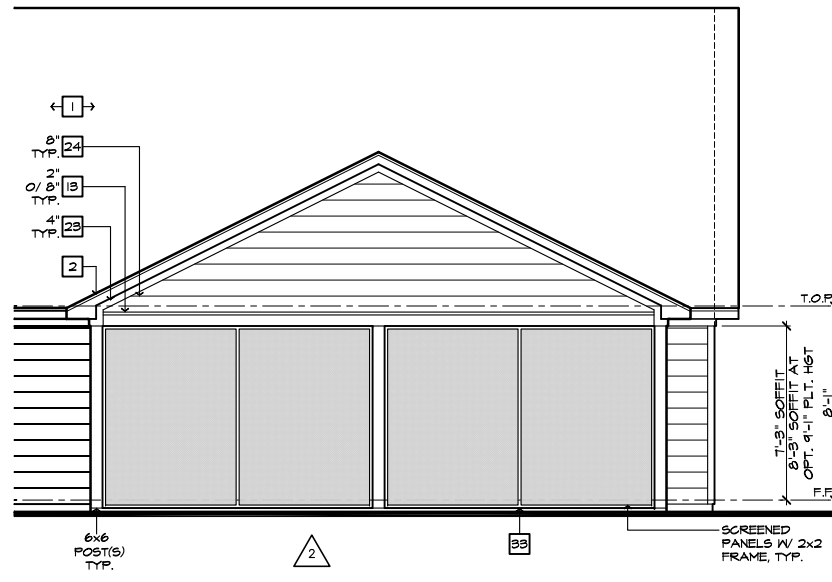
**RALEIGH-DURHAM 50' SERIES**

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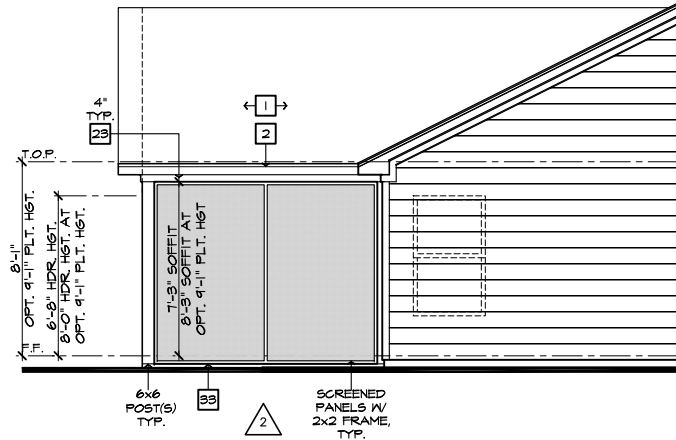
**PARTIAL RIGHT ELEVATION**

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



**PARTIAL REAR ELEVATION**

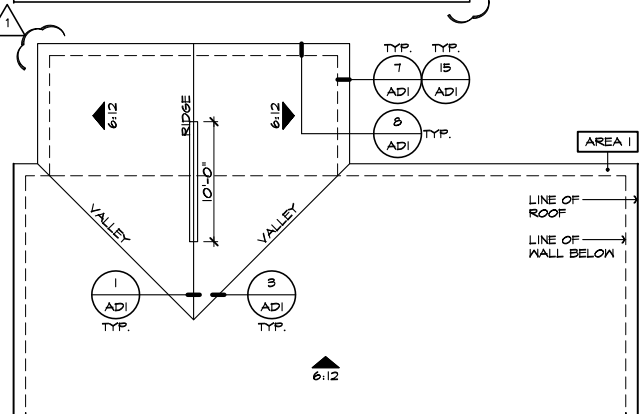
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



**PARTIAL LEFT ELEVATION**

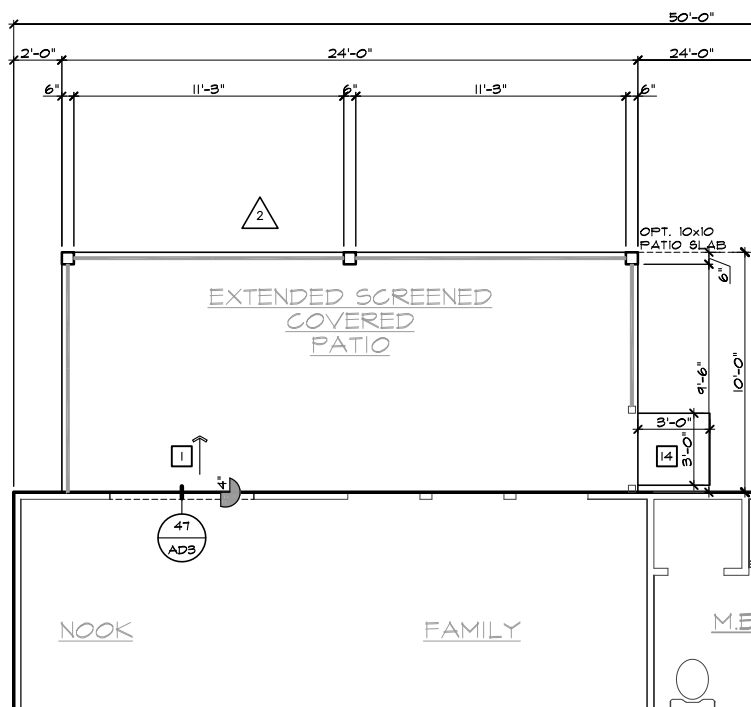
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ROOF PLAN NOTES 'B'			
INDICATES ROOF SLOPE AND DIRECTION, U.N.O.			
ROOF MATERIAL: COMPOSITION SHINGLE			
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.			
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.			
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.			
ATTIC VENT CALCULATIONS			
PROVIDE 1 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 906.2)			
% CALCULATION BY 1/50. HIGH/LOW VENTING NOT REQUIRED.			
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.			
AREA 1 / MAIN			
VENTILATION REQUIRED:			
ATTIC AREA = 2685	SQ. FT. / 300	8,94	SQ. FT.
	X 144 =	1288	SQ. IN.
	TOTAL HIGH & LOW =	1288	SQ. IN.
	X 50% =	644	SQ. IN.
VENTILATION PROVIDED:			
44	LF RIDGE VENT(S) AT	18	SQ. IN. / LF. =
	0	50	SQ. IN. EA. =
	SUB-TOTAL HIGH VENTILATION:		742
	0	0	SQ. IN.
112	LF VENTILATED SOFFIT AT	6.9	SQ. IN. / LF. =
	0	50	SQ. IN. EA. =
	TOTAL VENTILATION PROVIDED:		1565



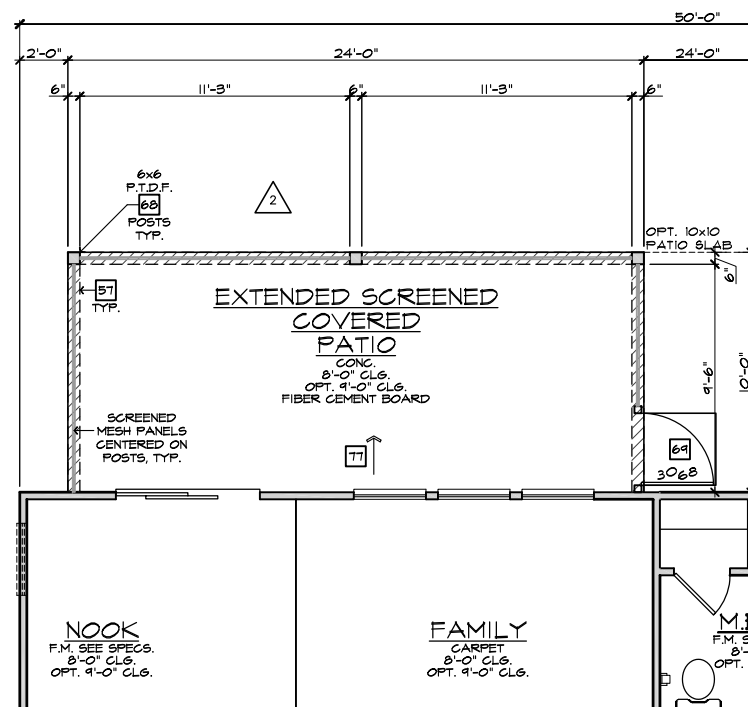
**PARTIAL ROOF PLAN**

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



**PARTIAL SLAB INTERFACE PLAN**

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")

**EXTENDED SCREENED-IN COVERED PATIO 'B'**

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

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1. FLASHING
  4. 6:1. FLASHING & SADDLE/CRICKET
  5. 6:1. DRIP SCREED
  6. 24"x24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM PER SPEC- SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. ROWLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. P.T. LUMBER RAILINGS (36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  28. WATER HEATER 'B' VENT TO OUTSIDE AIR
  29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  39. LINE OF WALL BELOW
  41. LINE OF FLOOR ABOVE
  42. LINE OF FLOOR BELOW
  50. MIN. 2x4 GUARDRAIL (REFER TO DETAIL SHEETS)
  51. MIN. PAD LOCATION
  51. LOW WALL - REFER TO PLAN FOR HEIGHT
  52. 2x6 STUD WALL
  54. DEL. 2x4 WALL PER PLAN
  55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  57. FLAT SOFFIT
  58. ARCHED SOFFIT
  60. OPT. DOOR/ WINDOW
  61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  62. BRICK / STONE VENEER - REFER TO ELEVATIONS
  63. SECTIONAL GARAGE DOOR PER SPECS
  66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  68. P.T. POST W/ WRAP.
  70. EGRESS WINDOW
  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 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- REVISIONS:**
1. VENTILATION NC2008NCP/ 01/17/20 /KBA
  2. FRAMEWALK NC20019NCP/ 03-25-20 /KBA
- PLAN:** 150.1910
- SHEET:** 8.B6
- NOTE:** THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R404.
- NOTE:** THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R404.2.
- NOTE:** REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE:** REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE:** REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE



**NORTH CAROLINA 50' SERIES**

KB HOME NORTH CAROLINA DIVISION

4518 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703 TEL: (919) 768-7988 FAX: (919) 472-0582

**2018 NORTH CAROLINA STATE BUILDING CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
DIVISION MGR.: MP

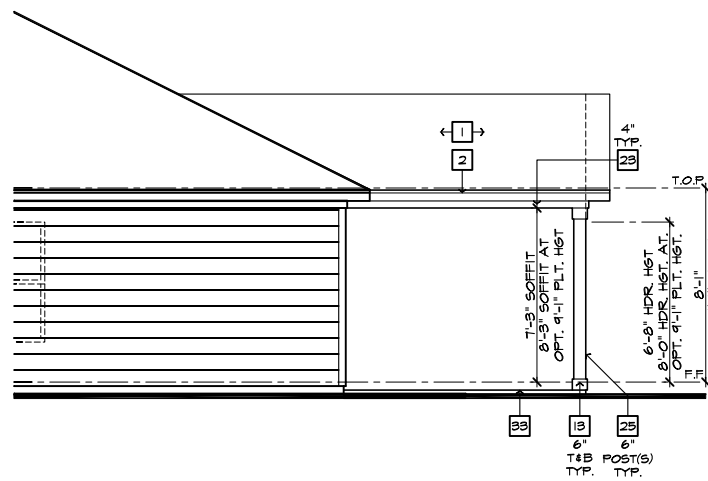
REVISIONS:

PLAN: 150.1910

SHEET: 8.B6

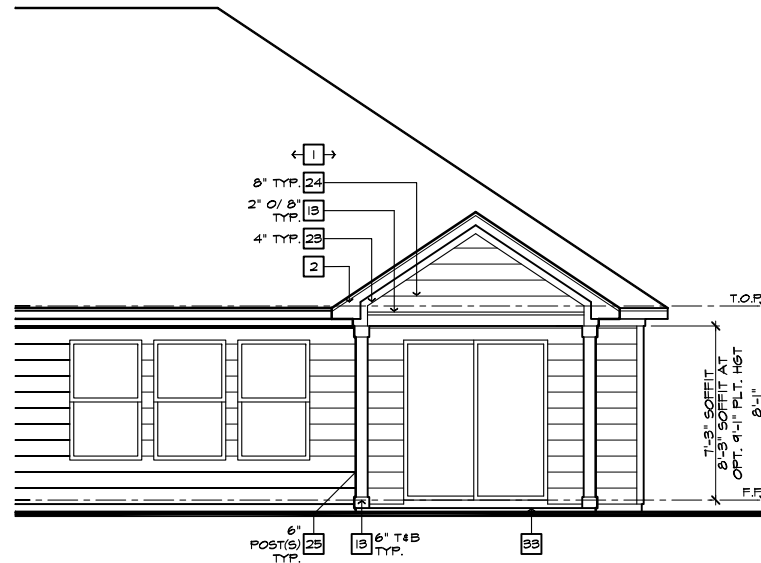
**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**





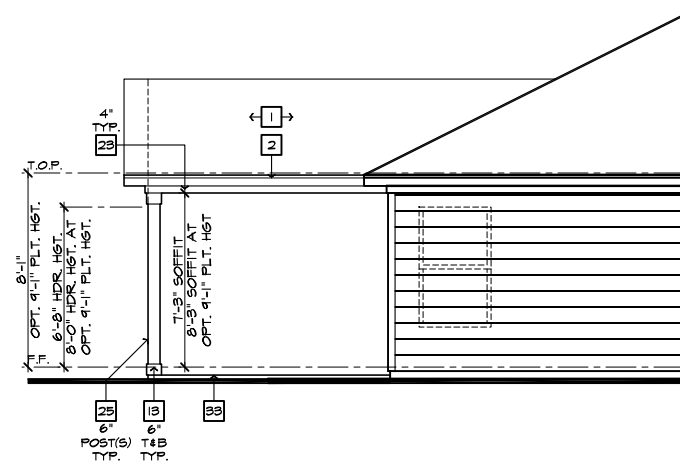
**PARTIAL RIGHT ELEVATION**

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")

**ROOF PLAN NOTES 'C'**

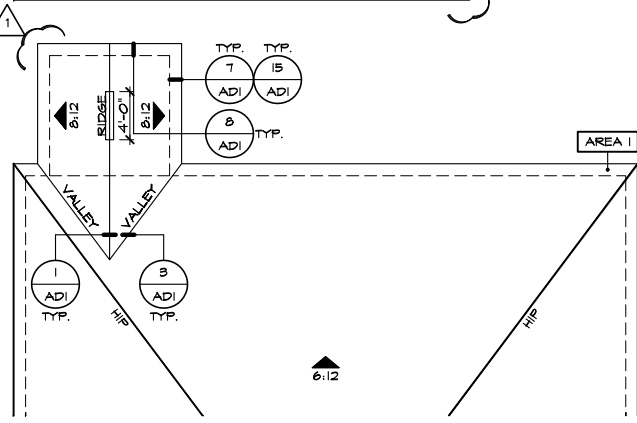
INDICATES ROOF SLOPE AND DIRECTION, U.N.O.  
6:12

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

**ATTIC VENT CALCULATIONS**  
PROVIDE 1 SQ. IN. OF VENTILATION PER 500 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 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 906.2)  
\* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

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

AREA / MAIN:	SQ. FT. / 300	8.59 SQ. FT.
VENTILATION REQUIRED:		
ATTIC AREA = 2594	X 144 =	1228 SQ. IN.
	TOTAL HIGH & LOW =	1228 SQ. IN.
	X 50% =	614 SQ. IN.
VENTILATION PROVIDED:		
42 HIGH LF RIDGE VENT(S) AT 18	SQ. IN. / LF. =	756 SQ. IN.
0 ROOF VENT(S) AT 50	SQ. IN. EA. =	0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:		756 SQ. IN.
106 LOW LF VENTILATED SOFFIT AT 6.9	SQ. IN. / LF. =	731 SQ. IN.
0 ROOF VENT(S) AT 50	SQ. IN. EA. =	0 SQ. IN.
TOTAL VENTILATION PROVIDED:		1487 SQ. IN.

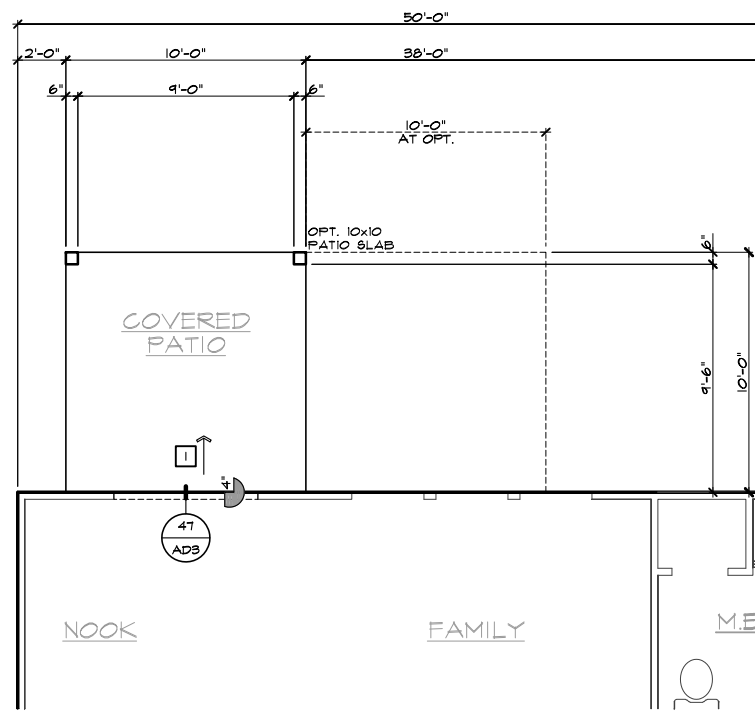


**PARTIAL ROOF PLAN**

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")

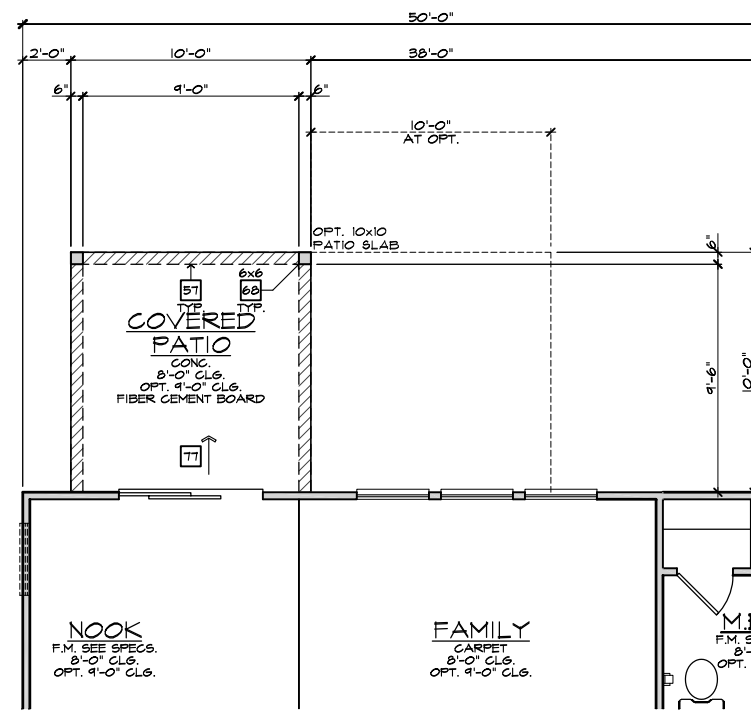
**COVERED PATIO 'C'**

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



**PARTIAL SLAB INTERFACE PLAN**

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



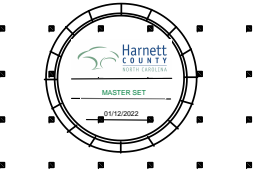
**PARTIAL FIRST FLOOR PLAN**

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

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1. FLASHING
  4. 6:1. FLASHING & SADDLE/CRICKET
  5. 6:1. DRIP SCREED
  6. 24"x24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. ROWLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (#36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  28. WATER HEATER 'B' VENT TO OUTSIDE AIR
  29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  39. LINE OF WALL BELOW
  41. LINE OF FLOOR ABOVE
  42. LINE OF FLOOR BELOW
  50. MIN. 2" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  51. LOW WALL - REFER TO PLAN FOR HEIGHT
  52. 2x6 STUD WALL
  54. DEL. 2x4 WALL PER PLAN
  55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  57. FLAT SOFFIT
  58. ARCHED SOFFIT
  60. OPT. DOOR/WINDOW
  61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  62. BRICK / STONE VENEER - REFER TO ELEVATIONS
  63. SECTIONAL GARAGE DOOR PER SPECS
  66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  68. P.T. POST W/ WRAP.
  70. EGRESS WINDOW
  75. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES U.N.O.
  76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  77. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- SLAB PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. 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 OPENINGS.
  3. CONCRETE FOUNDATION PER STRUCTURAL.
  4. CONCRETE STOOP: 36"x36" STANDARD SLOPE 1/4" PER FT. MIN.
  5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENINGS.
  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.
  9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
  10. VERIFY ALL PLUMBING STUD DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB
  11. 4" MIN. 5/16" 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 ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE



**NORTH CAROLINA 50' SERIES**

KB HOME  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582

**2018 NORTH CAROLINA STATE BUILDING CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
DIVISION MGR.: MP

REVISIONS:

VENTILATION NC2008NCP/ 01/17/20 /KBA

FOR INTERNAL USE ONLY

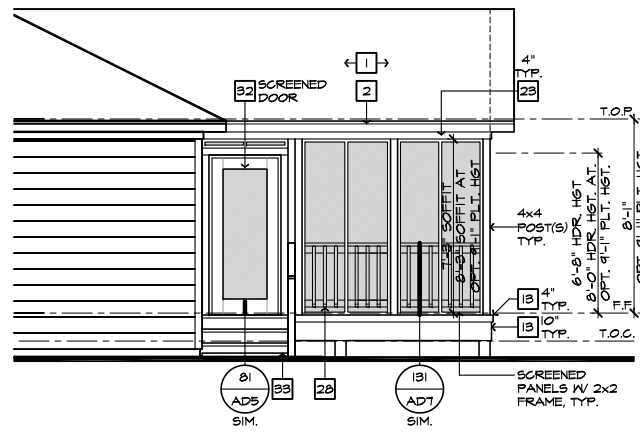
REVIEWED BY:

1.	
2.	
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PLAN: 150.1910  
SHEET: 8.C1

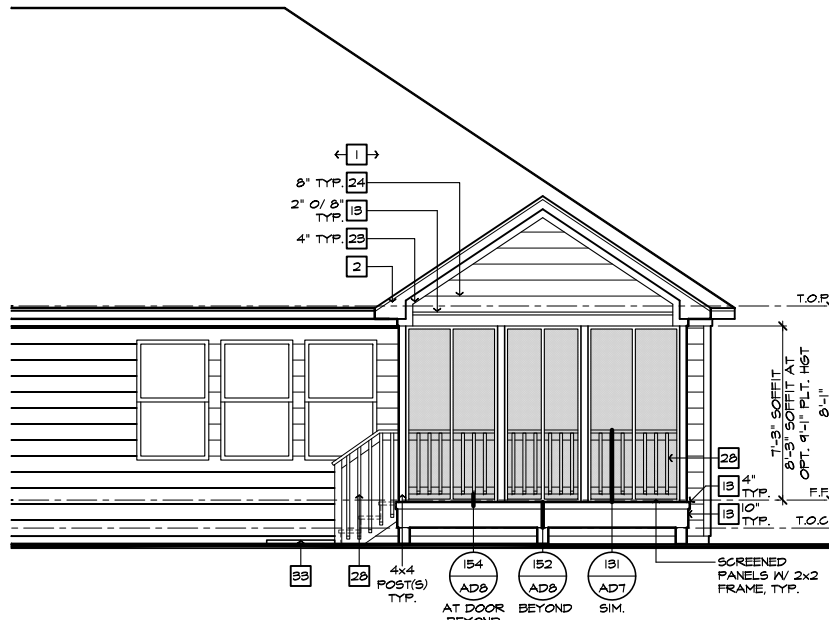
**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

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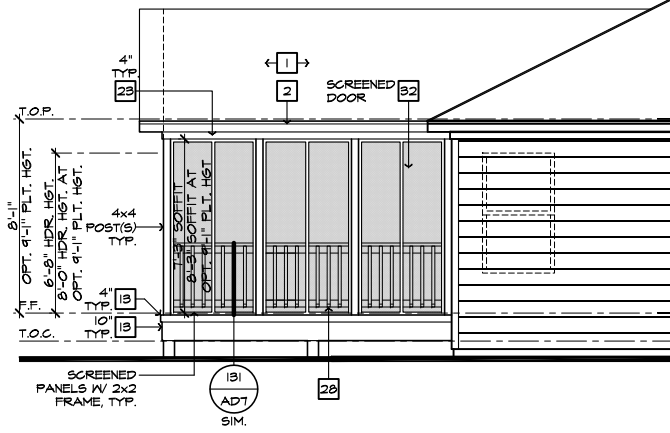
**PARTIAL RIGHT ELEVATION**

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")

**ROOF PLAN NOTES 'C'**

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.  
**6:12**

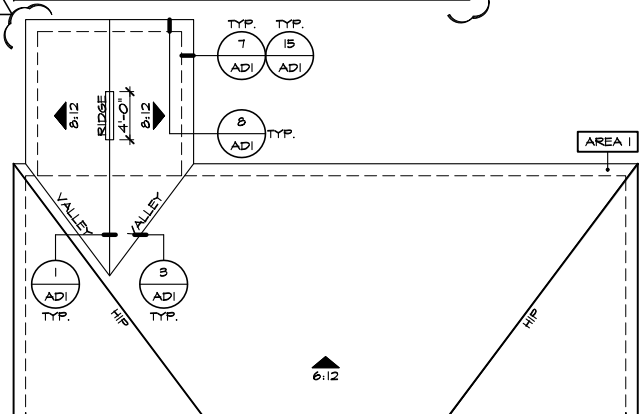
ROOF MATERIAL: COMPOSITION SHINGLE  
 12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.  
 12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.  
 LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

**ATTIC VENT CALCULATIONS**

PROVIDE 1 SQ. IN. OF VENTILATION PER 500 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 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 806.2)  
 \* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

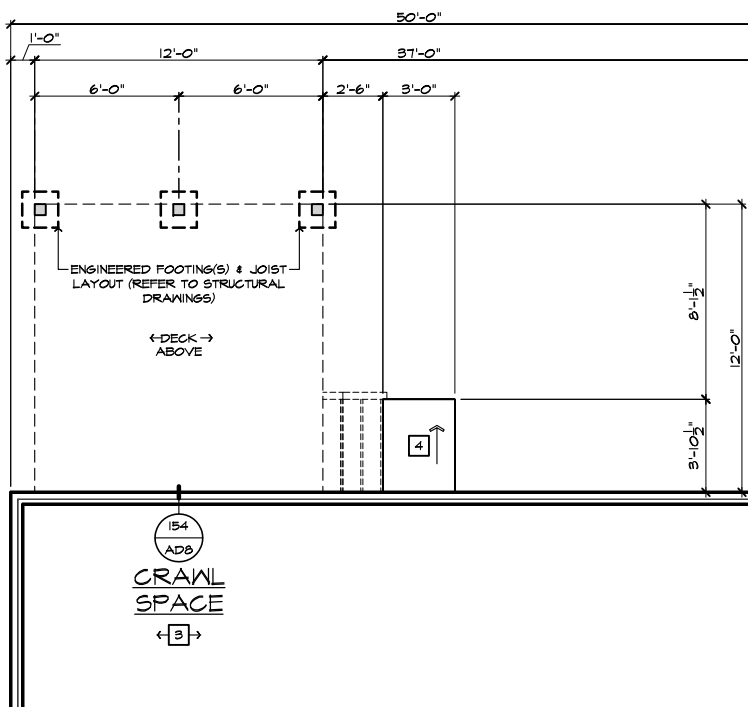
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA / MAIN:	SQ. FT. / 300	8.68 SQ. FT.
VENTILATION REQUIRED:		
ATTIC AREA = 2605		
	X 144 =	1244 SQ. IN.
	TOTAL HIGH & LOW =	1244 SQ. IN.
	X 50% =	625 SQ. IN.
VENTILATION PROVIDED:		
42	LF RIDGE VENT(S) AT 18 SQ. IN. / LF. =	756 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. =	0 SQ. IN.
SUB-TOTAL HIGH VENTILATION:		756 SQ. IN.
106	LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. =	731 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. =	0 SQ. IN.
TOTAL VENTILATION PROVIDED:		1487 SQ. IN.



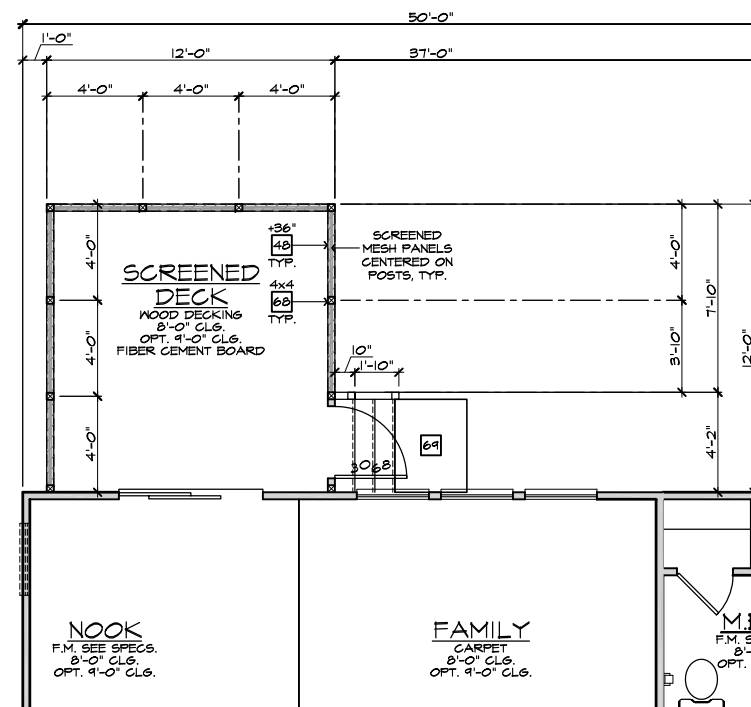
**PARTIAL ROOF PLAN**

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



**PARTIAL CRAWL SPACE PLAN**

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

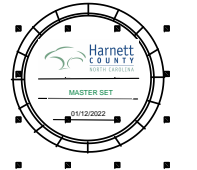


**PARTIAL FIRST FLOOR PLAN**

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

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1. FLASHING
  4. 6:1. FLASHING & SADDLE/CRICKET
  5. 6:1. DRIP SCREED
  6. 24"x24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPYON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. ROWLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (#36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPYON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPYON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOFF/ PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  28. WATER HEATER 'B' VENT TO OUTSIDE AIR
  29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  39. LINE OF WALL BELOW
  41. LINE OF FLOOR ABOVE
  42. LINE OF FLOOR BELOW
  50. MIN. 18" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  50. MIN. PAD LOCATION
  51. LOW WALL - REFER TO PLAN FOR HEIGHT
  52. 2x6 STUD WALL
  54. DEL. 2x4 WALL PER PLAN
  55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  57. FLAT SOFFIT
  58. ARCHED SOFFIT
  60. OPT. DOOR/WINDOW
  61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
  62. BRICK / STONE VENEER - REFER TO ELEVATIONS
  63. SECTIONAL GARAGE DOOR PER SPECS
  66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  68. P.T. POST W/ WRAP.
  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 1/4" PER FT. MIN. SEE PLAN FOR SIZE



**NORTH CAROLINA 50' SERIES**

KB HOME  
 NORTH CAROLINA DIVISION  
 4518 S. MIAMI BLVD.  
 SUITE 180  
 DURHAM, NC 27703  
 TEL: (919) 768-7988  
 FAX: (919) 472-0582

**2018 NORTH CAROLINA STATE BUILDING CODES**

ISSUE DATE: 12/13/19  
 PROJECT No.: 1350999:57  
 DIVISION MGR.: MP

REVISIONS:

VENTILATION NC2008NCP/ 01/17/20 /KBA

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PLAN: 150.1910  
 SHEET: 8.C2

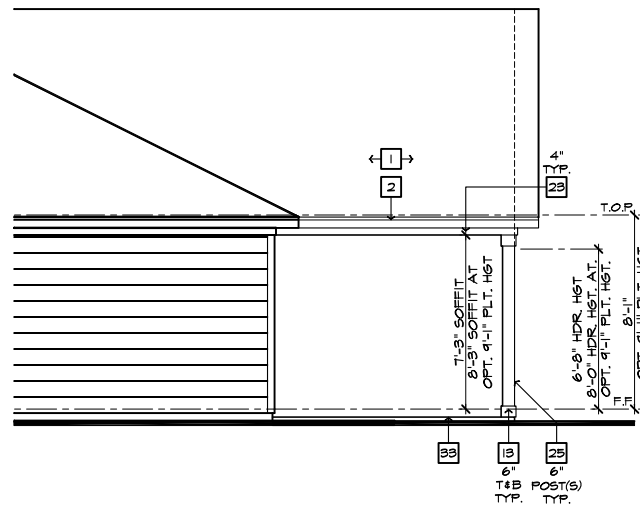
SPEC. LEVEL 1  
 RALEIGH-DURHAM 50' SERIES

**SCREENED-IN COVERED DECK AT CRAWL SPACE 'C'**

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

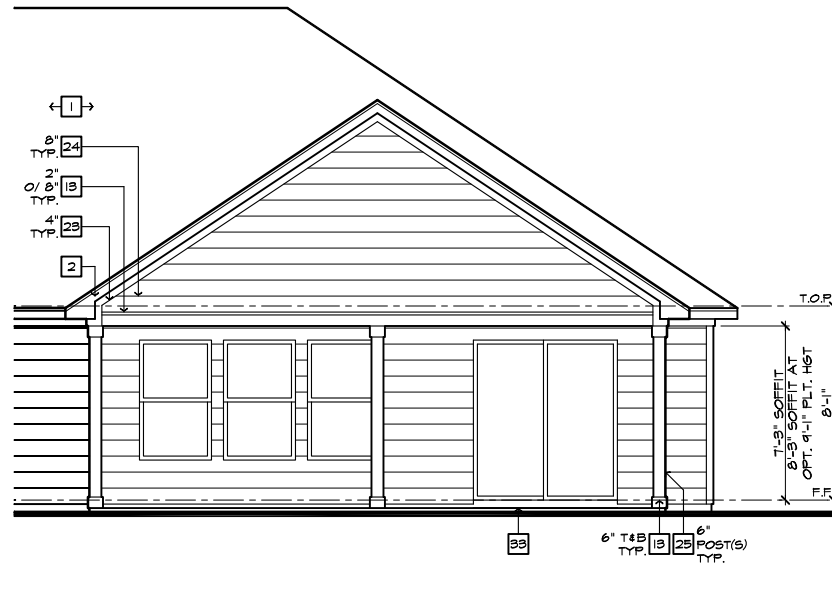
- NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R401.
- NOTE: THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R401.2.
- NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

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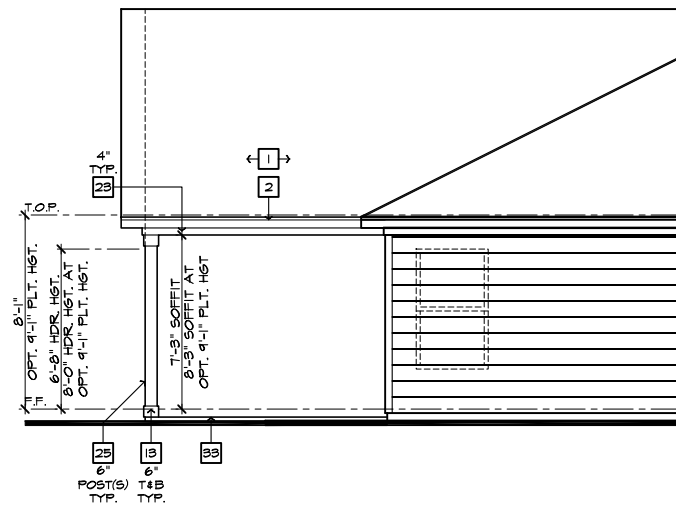
PARTIAL RIGHT ELEVATION

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")

**ROOF PLAN NOTES 'C'**

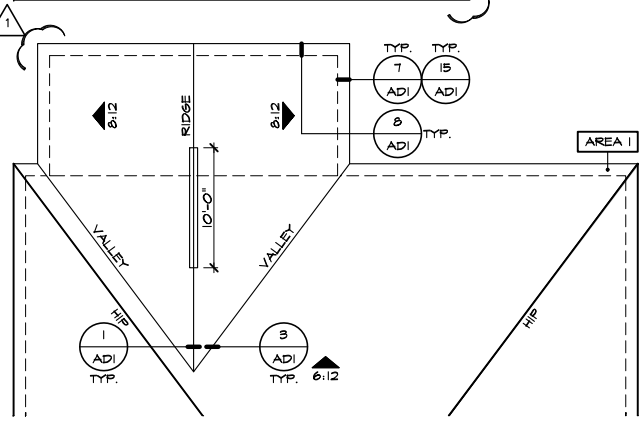
INDICATES ROOF SLOPE AND DIRECTION, U.N.O.  
6:12

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

**ATTIC VENT CALCULATIONS**  
PROVIDE 1 SQ. IN. OF VENTILATION PER 500 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 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS. (LOW VENTING) (2018 NC-R 806.2)  
\* CALCULATION BY 1/50. HIGH/LOW VENTING NOT REQUIRED.

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

AREA 1 / MAIN:	
<b>VENTILATION REQUIRED:</b>	
ATTIC AREA = 2644	500 SQ. FT. / 300 = 9.00 SQ. FT.
	X 144 = 1296 SQ. IN.
	TOTAL HIGH & LOW = 1296 SQ. IN.
	X 50% = 648 SQ. IN.
<b>VENTILATION PROVIDED:</b>	
44	LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 792 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
	SUB-TOTAL HIGH VENTILATION: 792 SQ. IN.
102	LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 704 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
	TOTAL VENTILATION PROVIDED: 1496 SQ. IN.

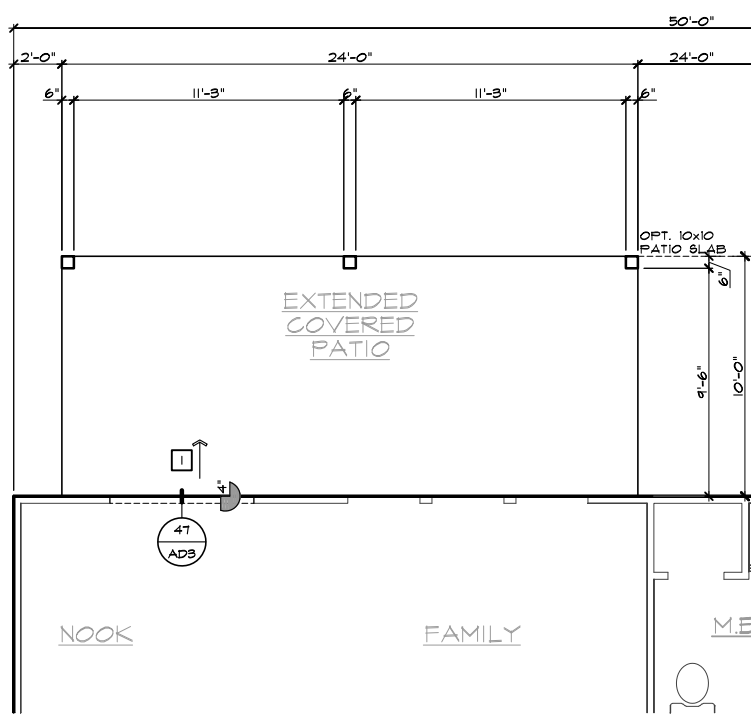


PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")

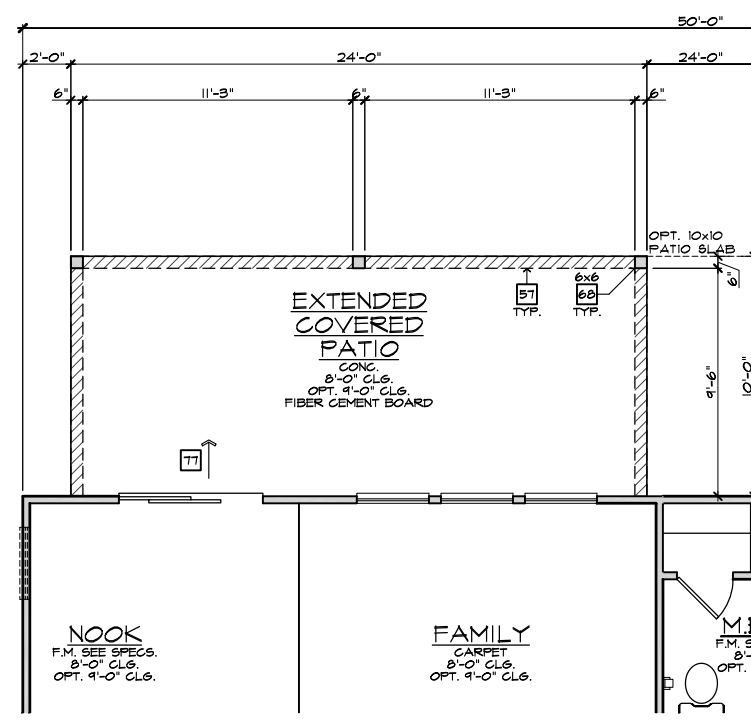
**EXTENDED COVERED PATIO 'C'**

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



PARTIAL SLAB INTERFACE PLAN

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



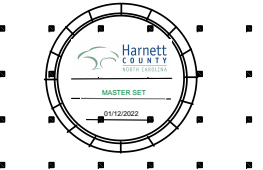
PARTIAL FIRST FLOOR PLAN

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

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1. FLASHING
  4. 6:1. FLASHING & SADDLE/GRICKET
  5. 6:1. DRIP SCREED
  6. 24"x24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPYON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. ROWLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE ELEVATION FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (#36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPYON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPYON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  28. WATER HEATER 8" VENT TO OUTSIDE AIR
  29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  39. LINE OF WALL BELOW
  41. LINE OF FLOOR ABOVE
  42. LINE OF FLOOR BELOW
  50. MIN. 2" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  51. LOW WALL - REFER TO PLAN FOR HEIGHT
  52. 2x6 STUD WALL
  54. DEL. 2x4 WALL PER PLAN
  55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  57. FLAT SOFFIT
  58. ARCHED SOFFIT
  60. OPT. DOOR/ WINDOW
  61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
  62. BRICK / STONE VENEER - REFER TO ELEVATIONS
  63. SECTIONAL GARAGE DOOR PER SPECS
  66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  68. P.T. POST W/ WRAP.
  70. EGRESS WINDOW
  75. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES U.N.O.
  76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  77. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- SLAB PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. 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 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.
  9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
  10. VERIFY ALL PLUMBING STUD DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB
  11. 4" MIN. 5/16" 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 ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE



**NORTH CAROLINA 50' SERIES**

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NORTH CAROLINA DIVISION  
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SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
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**2018 NORTH CAROLINA STATE BUILDING CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
DIVISION MGR.: MP  
REVISIONS:



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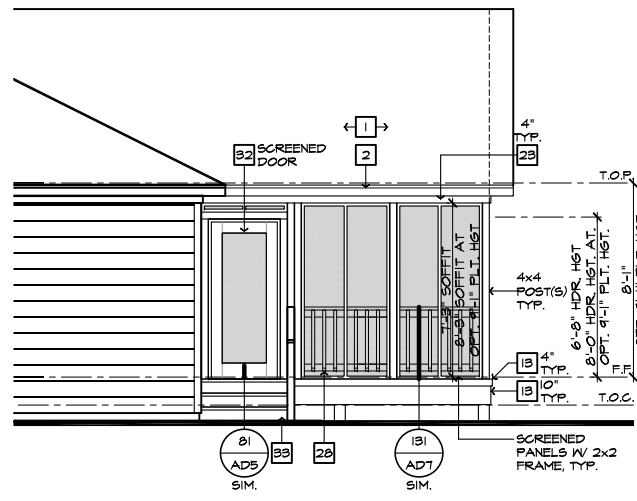
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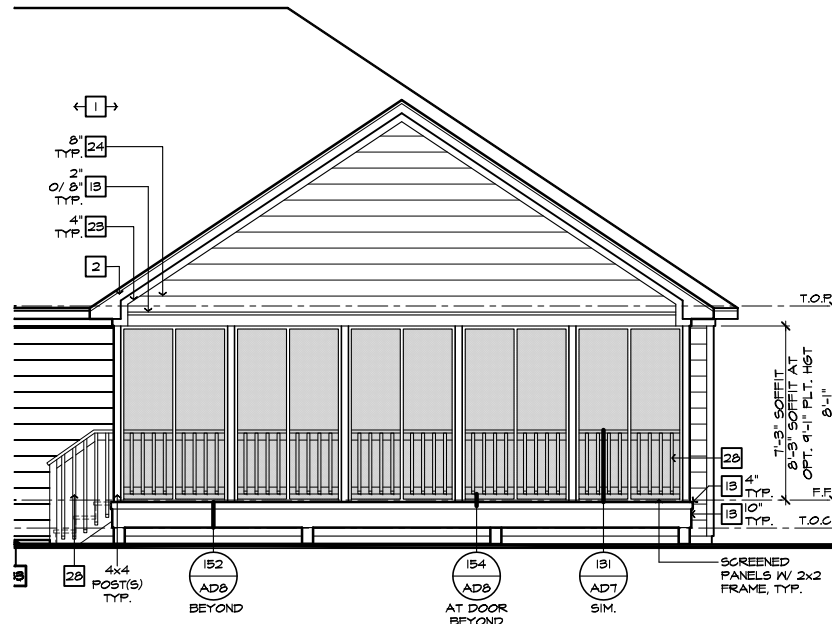
PLAN: 150.1910  
SHEET: 8.C3

**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

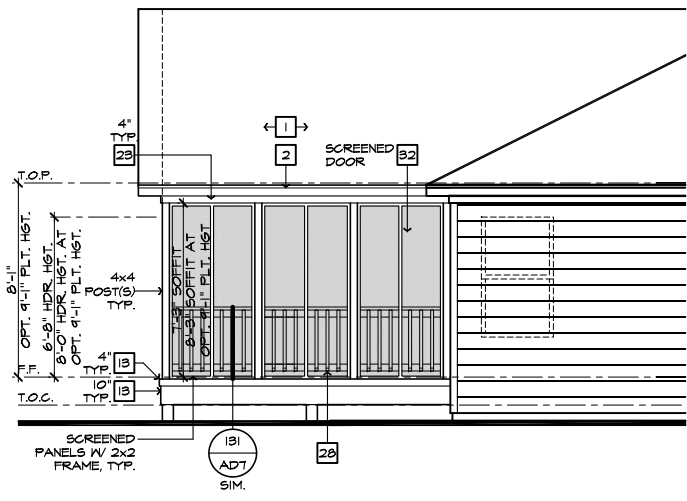
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**PARTIAL RIGHT ELEVATION**  
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



**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")

**ROOF PLAN NOTES 'C'**

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.  
6:12

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

**ATTIC VENT CALCULATIONS**

PROVIDE 1 SQ. IN. OF VENTILATION PER 500 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 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS. (LOW VENTING) (2018 NC-R 806.2)  
\* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

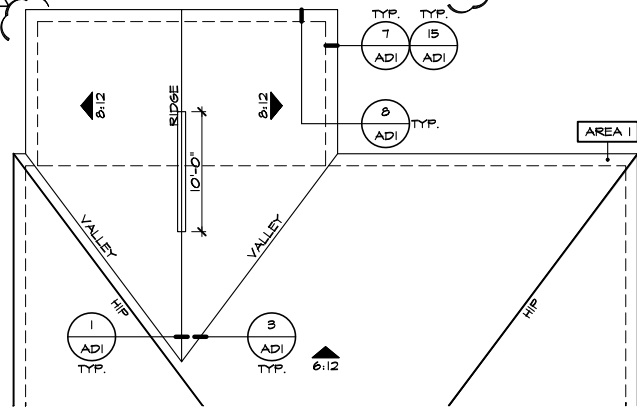
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA 1 / MAIN:

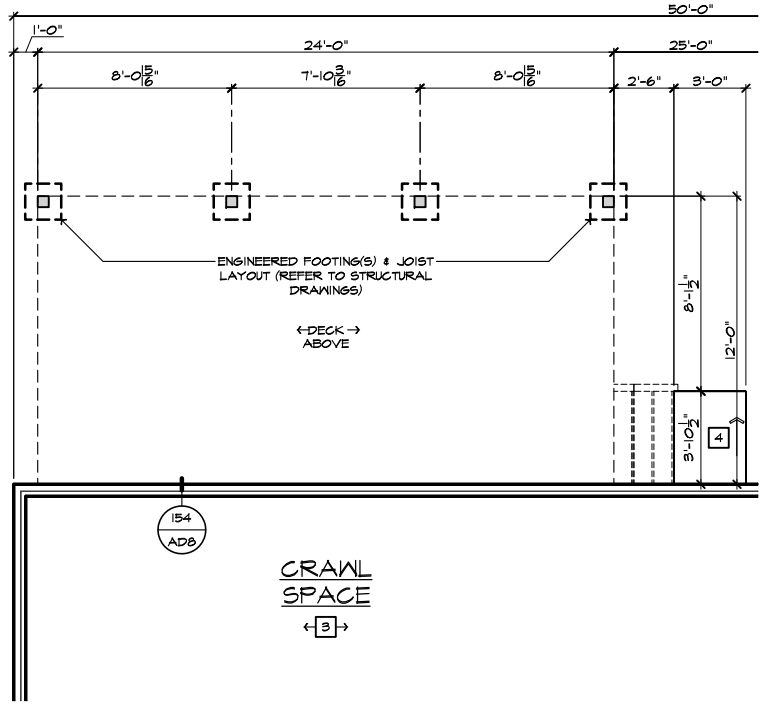
VENTILATION REQUIRED:	SG. FT. / 300	4.16 SQ. FT.
ATTIC AREA = 2147	X 144 =	1314 SQ. IN.
	TOTAL HIGH & LOW =	1314 SQ. IN.
	X 50% =	659 SQ. IN.

VENTILATION PROVIDED:

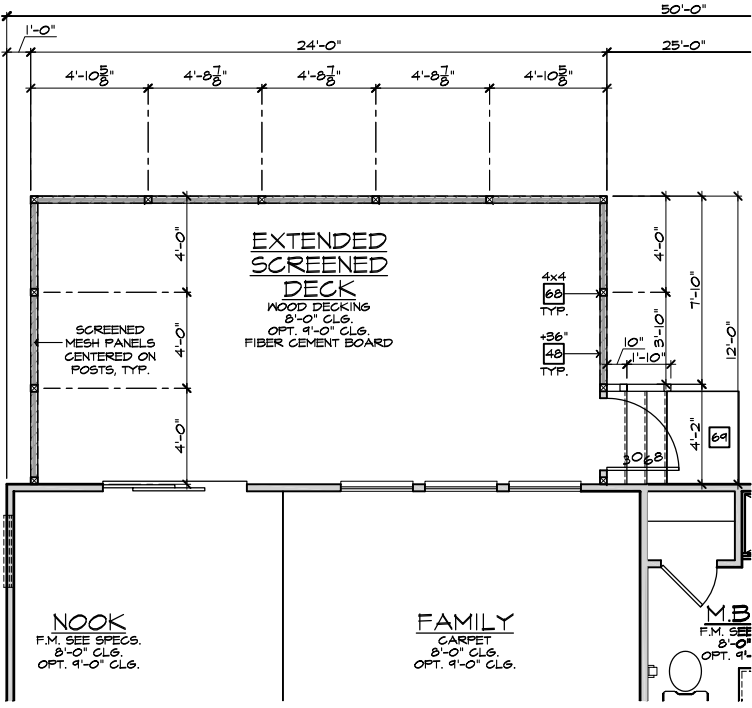
HEIGHT	LF RIDGE VENT(S) AT	18 SQ. IN. / LF. =	742 SQ. IN.
44	ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
	SUB-TOTAL HIGH VENTILATION:		742 SQ. IN.
102	LF VENTILATED SOFFIT AT	6.9 SQ. IN. / LF. =	704 SQ. IN.
	ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
	TOTAL VENTILATION PROVIDED:		1446 SQ. IN.



**PARTIAL ROOF PLAN**  
SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



**PARTIAL CRAWL SPACE PLAN**  
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")

**EXTENDED SCREENED-IN COVERED DECK AT CRAWL SPACE 'C'**  
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
  - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  - 6.1. FLASHING
  - 6.1. FLASHING & SADDLE/CRICKET
  - 6.1. DRIP SCREED
  - 24"x24" CHIMNEY
  - DECORATIVE VENT
  - DECORATIVE CORBEL
  - DECORATIVE SHUTTERS
  - PEDIMENT. SEE ELEVATION FOR TYPE
  - RECESSED ELEMENT
  - DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  - TRIM - SEE ELEVATION FOR SIZE
  - SYNTHETIC MATERIAL
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - SHAKE SIDING
  - STONE VENEER PER SPECS
  - BRICK/MASONRY VENEER PER SPECS
  - BUILT UP BRICK COLUMN
  - SOLDIER COURSE
  - ROWLOCK COURSE
  - FRIEZE BOARD
  - SIDING W/ 4" CORNER TRIM PER SPECS
  - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  - PRE-FAB DECORATIVE TRIM
  - LIGHT WEIGHT PRECAST STONE TRIM
  - WRAP
  - DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  - BRACKET OR KICKER - FYPON OR EQ.
  - ENTRY DOOR
  - CONCRETE STOOFF/ PORCH - SEE SLAB INTERFACE PLAN.
  - SECTIONAL GARAGE DOOR PER SPECS
  - ALUMINUM WRAP
  - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  - OPTIONAL STANDING SEAM METAL ROOF
  - KEYSTONE
  - SOLDIER CROWN
  - JACK SOLDIER COURSE
  - WATER TABLE
  - ATRIUM DOOR
  - PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  - WATER HEATER 'B' VENT TO OUTSIDE AIR
  - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  - LINE OF WALL BELOW
  - LINE OF FLOOR ABOVE
  - LINE OF FLOOR BELOW
  - MIN. 12" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  - MIN. 36" PAD LOCATION
  - LOW WALL - REFER TO PLAN FOR HEIGHT
  - 2x6 STUD WALL
  - DBL. 2x4 WALL PER PLAN
  - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  - FLAT SOFFIT
  - ARCHED SOFFIT
  - OPT. DOOR/ WINDOW
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - BRICK / STONE VENEER - REFER TO ELEVATIONS
  - SECTIONAL GARAGE DOOR PER SPECS
  - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  - P.T. POST W/ WRAP.
  - EGRESS WINDOW
  - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

**VENTILATION**  
NC2008NCP/ 01/17/20 / KBA

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NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R404.

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

NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

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

**kb HOME**

Harnett COUNTY MASTER SET 01/12/2022

**NORTH CAROLINA 50' SERIES**

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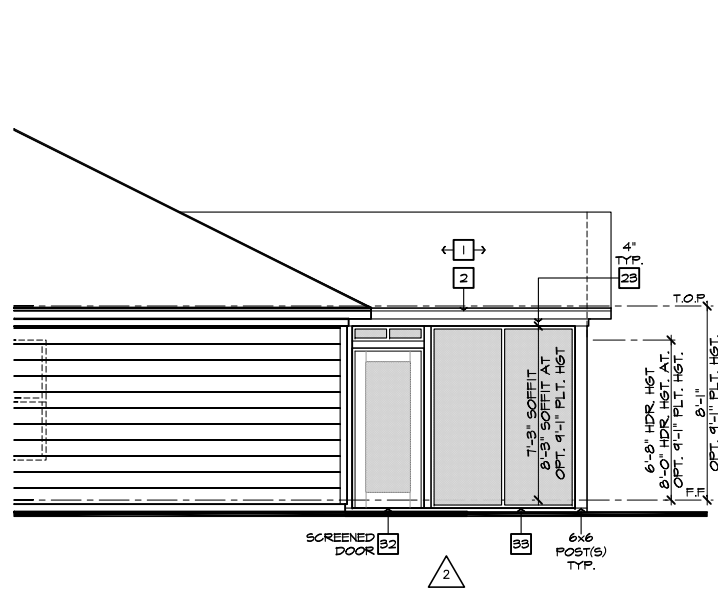
ISSUE DATE: 12/13/19  
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REVISIONS:

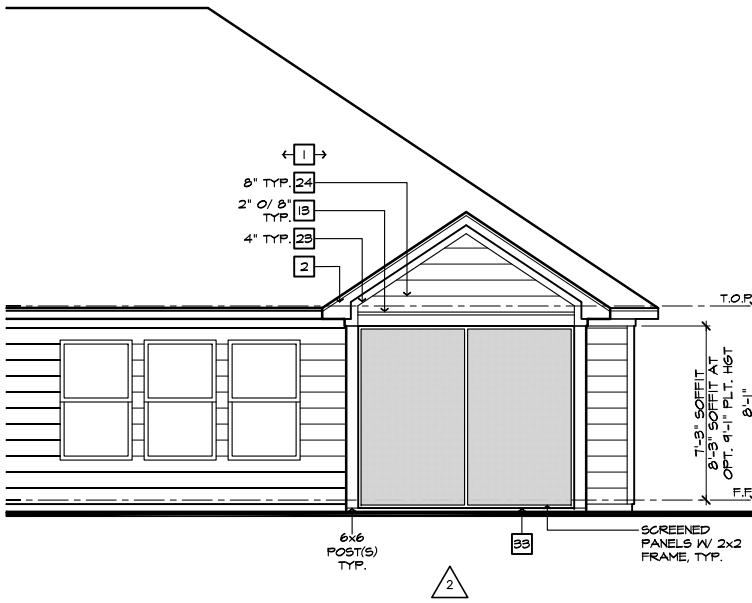
PLAN: 150.1910  
SHEET: 8.C4

SPEC. LEVEL 1  
RALEIGH-DURHAM 50' SERIES

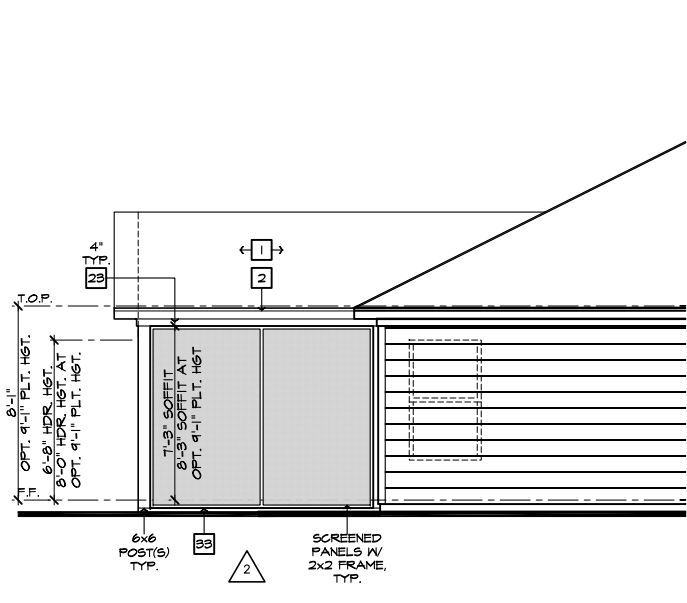
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**PARTIAL RIGHT ELEVATION**  
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



**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")

**ROOF PLAN NOTES 'C'**

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.  
6:12

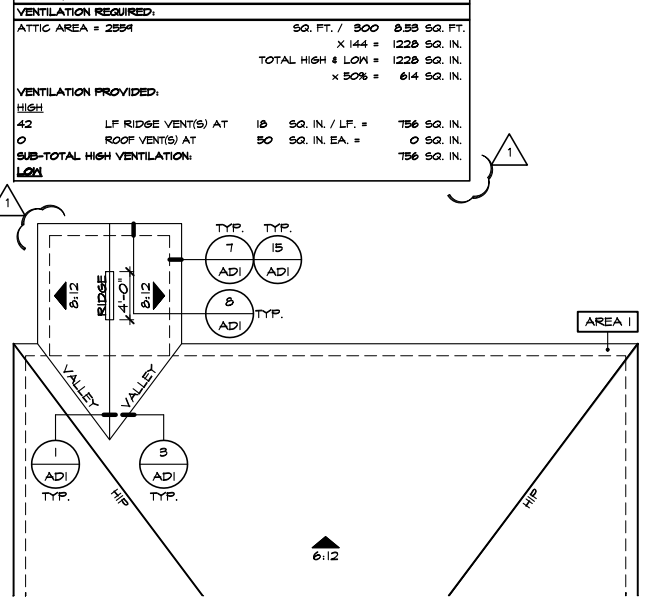
ROOF MATERIAL: COMPOSITION SHINGLE  
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.  
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.  
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

**ATTIC VENT CALCULATIONS**  
PROVIDE 1 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 NC-R 206.2)  
\* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.  
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

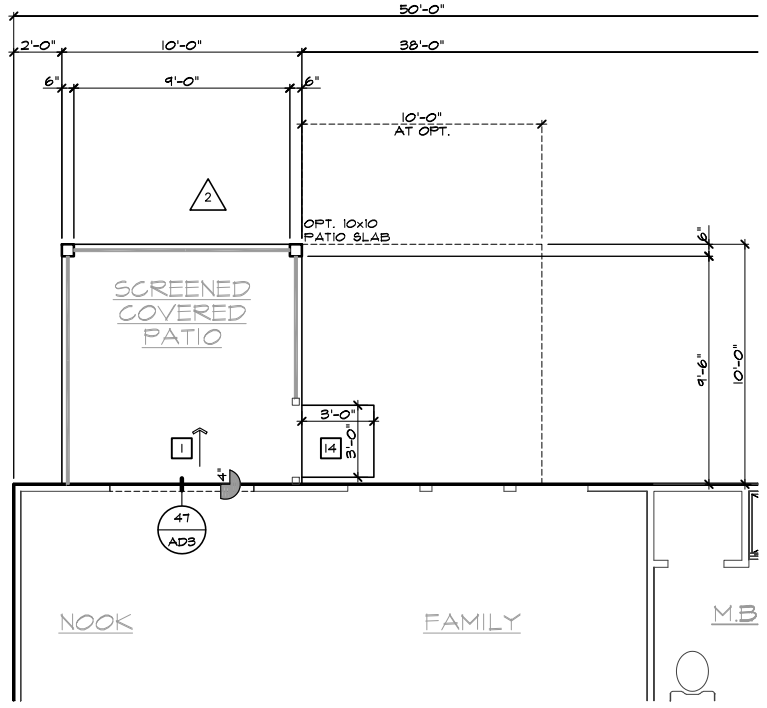
**AREA 1 MAIN:**

VENTILATION REQUIRED:	50. FT. / 300	8.33 SQ. FT.
ATTIC AREA = 2394	X 144 =	1228 SQ. IN.
	TOTAL HIGH & LOW =	1228 SQ. IN.
	X 50% =	614 SQ. IN.

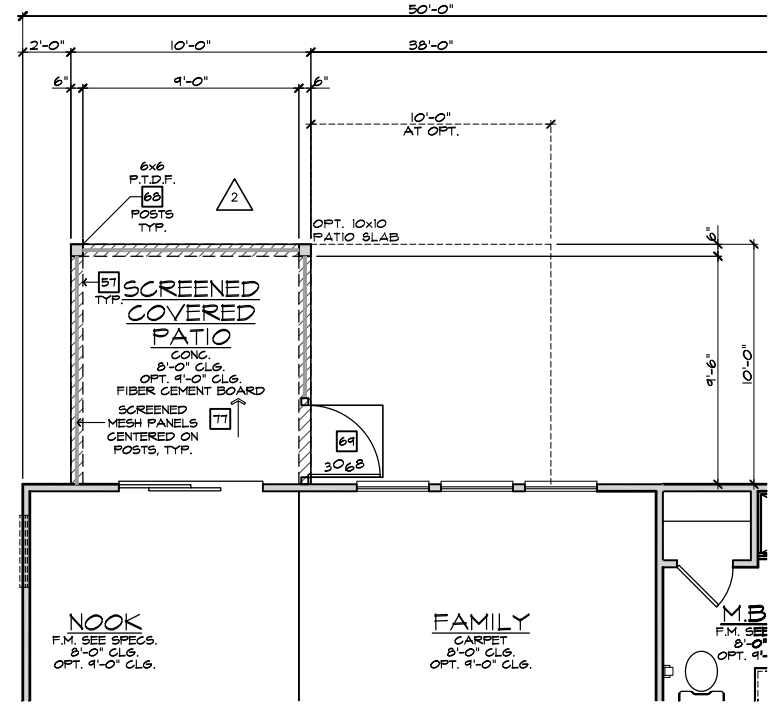
VENTILATION PROVIDED:  
HIGH: 42 LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 756 SQ. IN.  
LOW: 0 ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.  
SUB-TOTAL HIGH VENTILATION: 756 SQ. IN.



**PARTIAL ROOF PLAN**  
SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



**PARTIAL SLAB INTERFACE PLAN**  
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")

**SCREENED-IN PATIO 'C'**  
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
- 2X FASCIA/BARGE BOARD WITH FASCIA CAP
- 6:1. FLASHING
- 6:1. FLASHING & SADDLE/CRICKET
- 6:1. DRIP SCREED
- 24"x24" CHIMNEY
- DECORATIVE VENT
- DECORATIVE CORBEL
- DECORATIVE SHUTTERS
- PEDIMENT. SEE ELEVATION FOR TYPE
- RECESSED ELEMENT
- DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
- TRIM PER SPEC- SEE ELEVATION FOR SIZE
- SYNTHETIC MATERIAL
- PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
- SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
- SHAKE SIDING
- STONE VENEER PER SPECS
- BRICK/MASONRY VENEER PER SPECS
- BUILT UP BRICK COLUMN
- SOLDIER COURSE
- ROCKLOCK COURSE
- FRIEZE BOARD
- SIDING W/ 4" CORNER TRIM PER SPECS
- P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
- PRE-FAB DECORATIVE TRIM
- LIGHT WEIGHT PRECAST STONE TRIM
- P.T. LUMBER RAILINGS (36" U.N.O.)
- WRAP
- DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
- BRACKET OR KICKER - FYPON OR EQ.
- ENTRY DOOR
- CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
- SECTIONAL GARAGE DOOR PER SPECS
- ALUMINUM WRAP
- OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
- OPTIONAL STANDING SEAM METAL ROOF
- KEYSTONE
- SOLDIER CROWN
- JACK SOLDIER COURSE
- WATER TABLE
- ATRIUM DOOR
- PILASTER - SEE ELEVATION FOR TYPE

**PARTIAL PLAN NOTES**

NOTE: NOT ALL KEY NOTES APPLY.

- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
- WATER HEATER 'B' VENT TO OUTSIDE AIR
- MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
- LINE OF WALL BELOW
- LINE OF FLOOR ABOVE
- LINE OF FLOOR BELOW
- MIN. 2" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
- MIN. PAD LOCATION
- LOW WALL - REFER TO PLAN FOR HEIGHT
- 2x6 STUD WALL
- DEL. 2x4 WALL PER PLAN
- INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
- FLAT SOFFIT
- ARCHED SOFFIT
- OPT. DOOR/ WINDOW
- PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
- BRICK / STONE VENEER - REFER TO ELEVATIONS
- SECTIONAL GARAGE DOOR PER SPECS
- 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
- P.T. POST W/ WRAP.
- EGRESS WINDOW
- WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
- SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
- CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999-57  
DIVISION MGR.: MP  
REVISIONS:

1 VENTILATION NC2008NCP/ 01/17/20 /KBA  
2 FRAMEWALK NC20019NCP/ 03-25-20 /KBA

NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R401.  
THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R401.2.

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

NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

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

**kb HOME**

Harnett County Master Set 01/12/2022

**NORTH CAROLINA 50' SERIES**

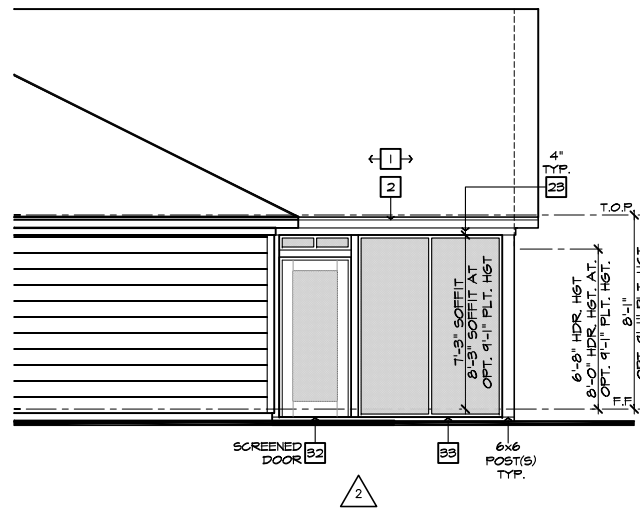
KB HOME NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD. SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582

**2018 NORTH CAROLINA STATE BUILDING CODES**

PLAN: 150.1910  
SHEET: 8.C5

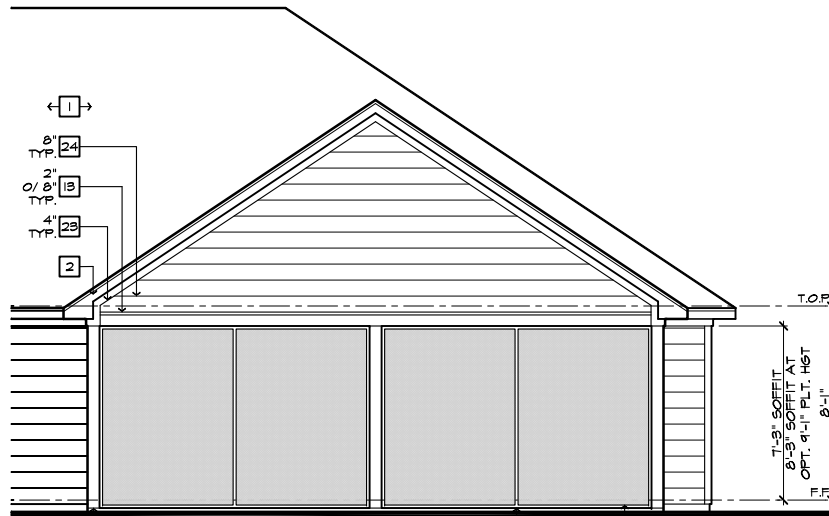
SPEC. LEVEL 1  
RALEIGH-DURHAM 50' SERIES

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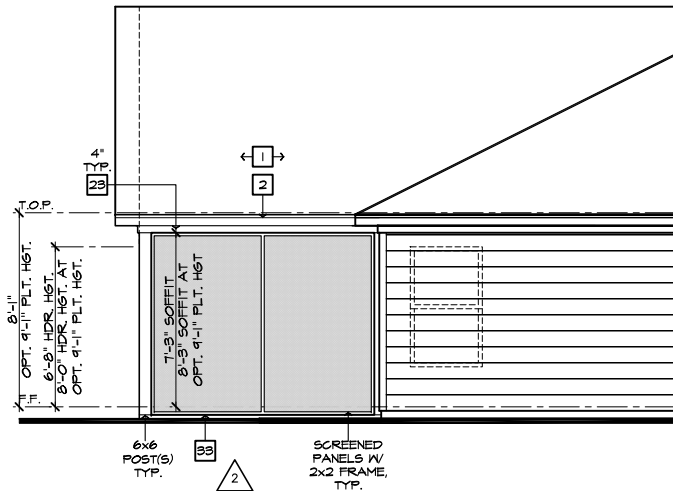
**PARTIAL RIGHT ELEVATION**

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



**PARTIAL REAR ELEVATION**

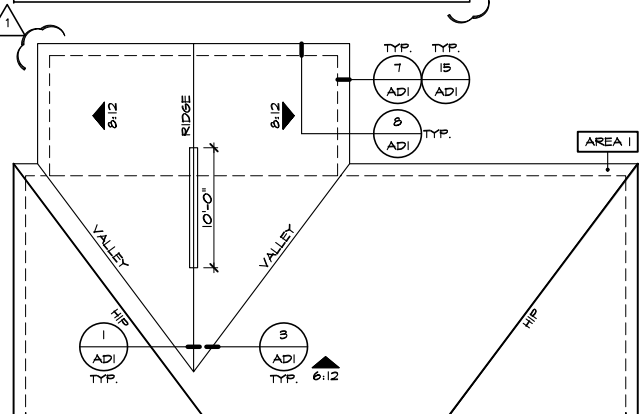
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



**PARTIAL LEFT ELEVATION**

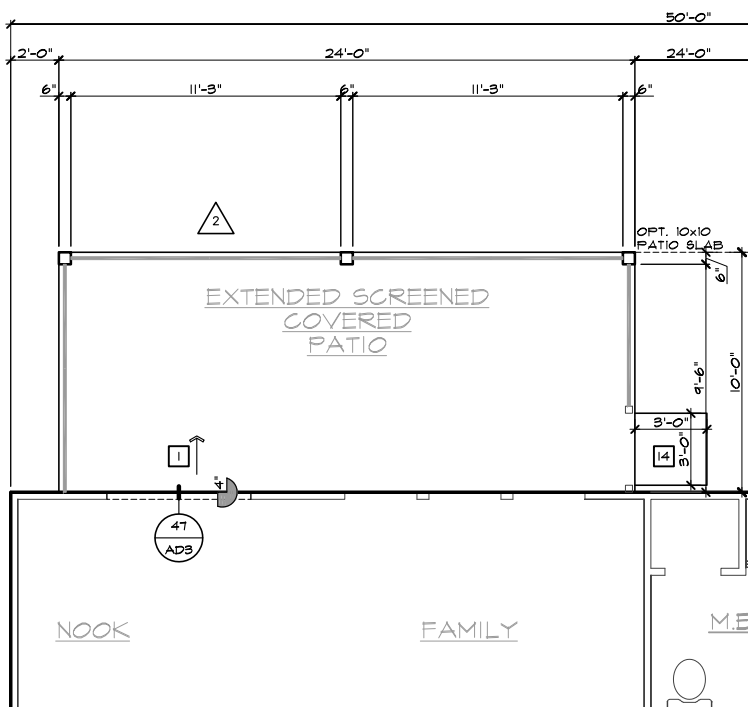
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ROOF PLAN NOTES 'C'	
	INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
ROOF MATERIAL: COMPOSITION SHINGLE	
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.	
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.	
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.	
ATTIC VENT CALCULATIONS	
PROVIDE 1 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 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS. (LOW VENTING) (2018 NC-R 906.2)	
* CALCULATION BY 1/50. HIGH/LOW VENTING NOT REQUIRED.	
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	
AREA 1 / MAIN	
VENTILATION REQUIRED:	
ATTIC AREA = 2644	9,000 SQ. FT. X 144 = 1296 SQ. IN.
	TOTAL HIGH & LOW = 1296 SQ. IN.
	X 50% = 648 SQ. IN.
VENTILATION PROVIDED:	
44	LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 792 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
SUB-TOTAL HIGH VENTILATION: 792 SQ. IN.	
102	LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 704 SQ. IN.
0	ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN.
TOTAL VENTILATION PROVIDED: 1496 SQ. IN.	



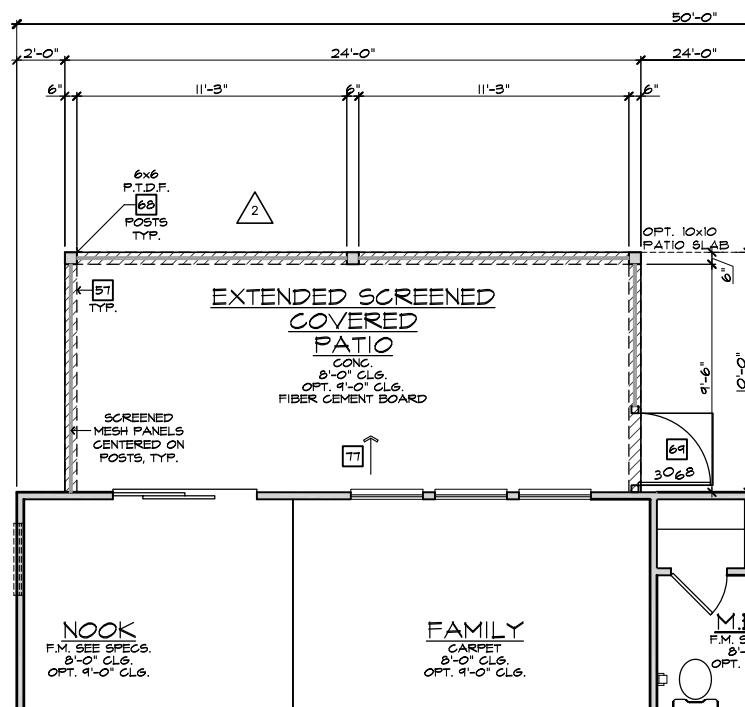
**PARTIAL ROOF PLAN**

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



**PARTIAL SLAB INTERFACE PLAN**

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")

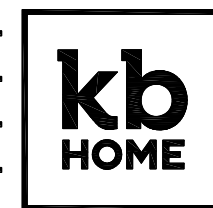
**EXTENDED SCREENED-IN COVERED PATIO 'C'**

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
  - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  - 6.1. FLASHING
  - 6.1. FLASHING & SADDLE/CRICKET
  - 6.1. DRIP SCREED
  - 24"x24" CHIMNEY
  - DECORATIVE VENT
  - DECORATIVE CORBEL
  - DECORATIVE SHUTTERS
  - PEDIMENT. SEE ELEVATION FOR TYPE
  - RECESSED ELEMENT
  - DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  - TRIM PER SPEC- SEE ELEVATION FOR SIZE
  - SYNTHETIC MATERIAL
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - SHAKE SIDING
  - STONE VENEER PER SPECS
  - BRICK/MASONRY VENEER PER SPECS
  - BUILT UP BRICK COLUMN
  - SOLDIER COURSE
  - ROUNDOCK COURSE
  - FRIEZE BOARD
  - SIDING W/ 4" CORNER TRIM PER SPECS
  - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  - PRE-FAB DECORATIVE TRIM
  - LIGHT WEIGHT PRECAST STONE TRIM
  - P.T. LUMBER RAILINGS (36" U.N.O.)
  - WRAP
  - DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
  - BRACKET OR KICKER - FYPON OR EQ.
  - ENTRY DOOR
  - CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  - SECTIONAL GARAGE DOOR PER SPECS
  - ALUMINUM WRAP
  - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  - OPTIONAL STANDING SEAM METAL ROOF
  - KEYSTONE
  - SOLDIER CROWN
  - JACK SOLDIER COURSE
  - WATER TABLE
  - ATRIUM DOOR
  - PILASTER - SEE ELEVATION FOR TYPE

- # PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  - WATER HEATER 'B' VENT TO OUTSIDE AIR
  - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  - LINE OF WALL BELOW
  - LINE OF FLOOR ABOVE
  - LINE OF FLOOR BELOW
  - MIN. 2x4 GUARDRAIL (REFER TO DETAIL SHEETS)
  - MIN. PAD LOCATION
  - LOW WALL - REFER TO PLAN FOR HEIGHT
  - 2x6 STUD WALL
  - DEL. 2x4 WALL PER PLAN
  - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  - FLAT SOFFIT
  - ARCHED SOFFIT
  - OPT. DOOR/ WINDOW
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - BRICK / STONE VENEER - REFER TO ELEVATIONS
  - SECTIONAL GARAGE DOOR PER SPECS
  - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  - P.T. POST W/ WRAP.
  - EGRESS WINDOW
  - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- ISSUE DATE:** 12/13/19
- PROJECT No.:** 1350999:57
- DIVISION MGR.:** MP
- REVISIONS:**
- VENTILATION NC2008NCP/ 01/17/20 /KBA
  - FRAMEWALK NC20019NCP/ 03-25-20 /KBA
- NOTE:** THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R401.
- NOTE:** THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R401.2.
- NOTE:** REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE:** REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE:** REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE



**NORTH CAROLINA 50' SERIES**

KB HOME  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582

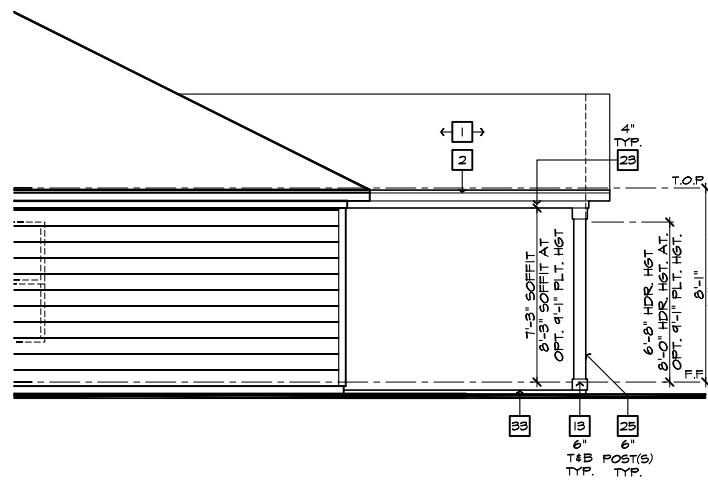
**2018 NORTH CAROLINA STATE BUILDING CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
DIVISION MGR.: MP

- REVISIONS:**
- VENTILATION NC2008NCP/ 01/17/20 /KBA
  - FRAMEWALK NC20019NCP/ 03-25-20 /KBA

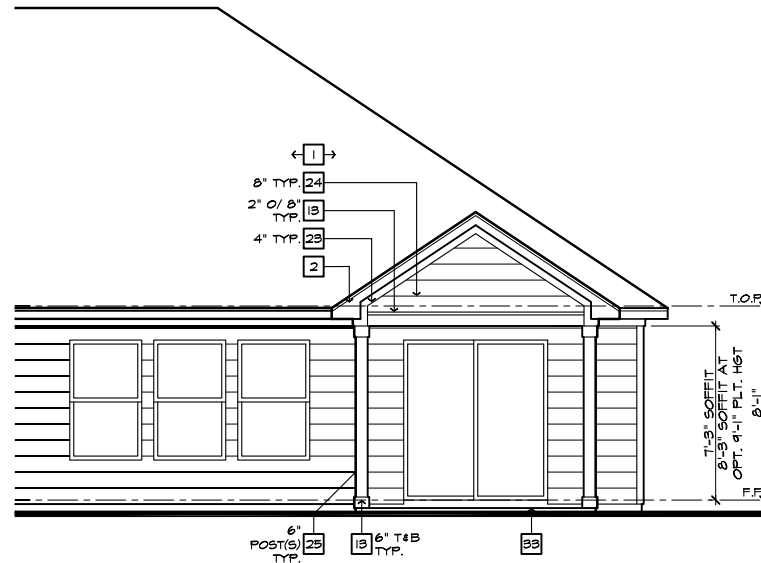
PLAN: 150.1910  
SHEET: 8.C6

**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**



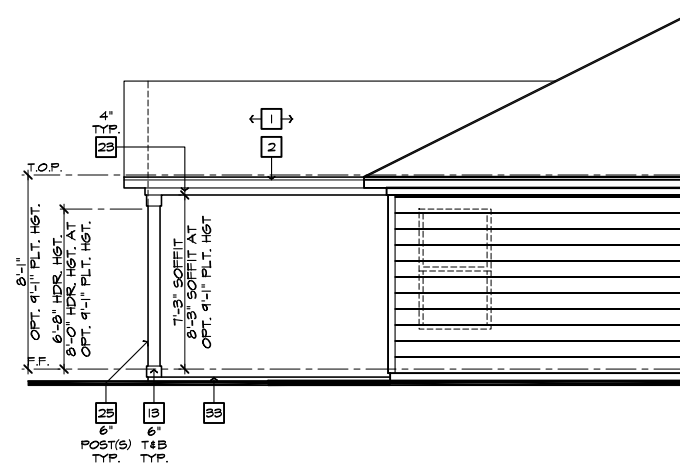
**PARTIAL RIGHT ELEVATION**

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")

**ROOF PLAN NOTES 'D'**

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.  
6:12

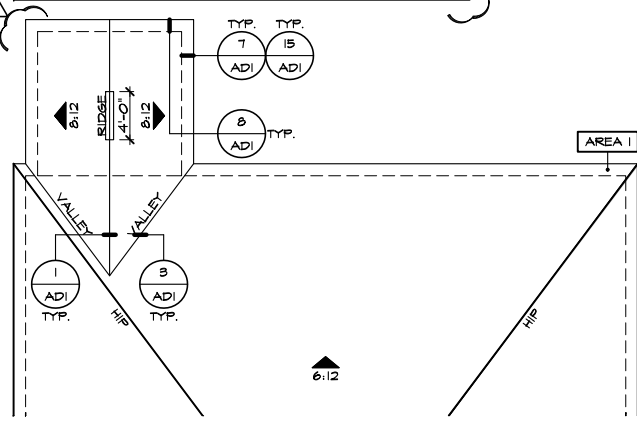
ROOF MATERIAL: COMPOSITION SHINGLE  
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.  
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.  
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

**ATTIC VENT CALCULATIONS**

PROVIDE 1 SQ. IN. OF VENTILATION PER 500 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 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 906.2)  
\* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

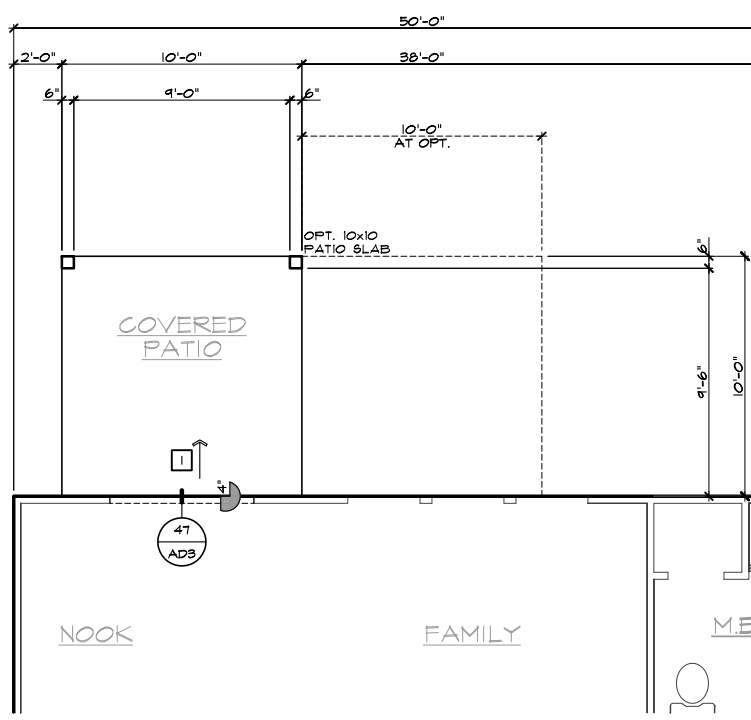
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA / MAIN:	SQ. FT. / 300	8.59 SQ. FT.
VENTILATION REQUIRED:		
ATTIC AREA = 2594	X 144 =	1228 SQ. IN.
	TOTAL HIGH & LOW =	1228 SQ. IN.
	X 50% =	614 SQ. IN.
VENTILATION PROVIDED:		
90 LF RIDGE VENT(S) AT 18 SQ. IN. / LF. =		540 SQ. IN.
4 ROOF VENT(S) AT 50 SQ. IN. EA. =		200 SQ. IN.
SUB-TOTAL HIGH VENTILATION:		740 SQ. IN.
106 LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. =		731 SQ. IN.
0 ROOF VENT(S) AT 50 SQ. IN. EA. =		0 SQ. IN.
TOTAL VENTILATION PROVIDED:		1471 SQ. IN.



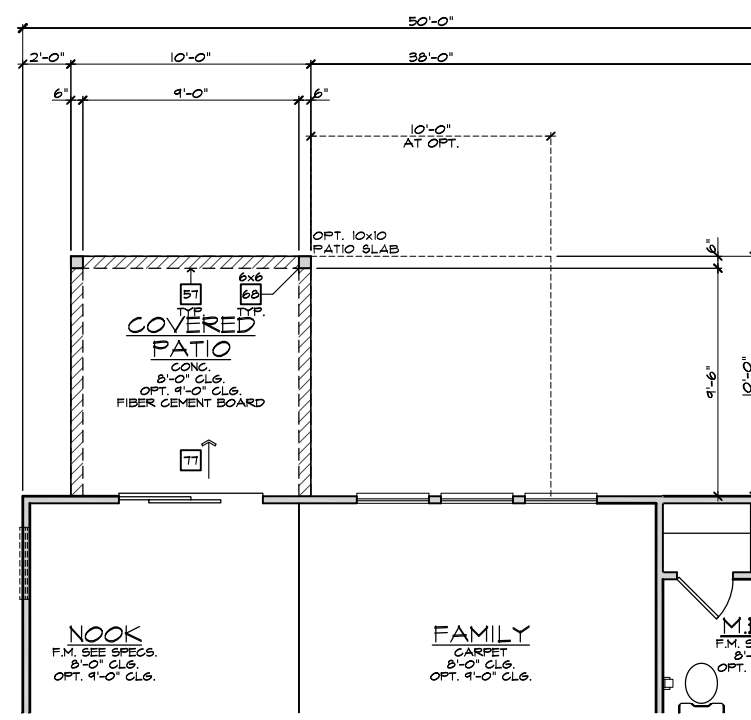
**PARTIAL ROOF PLAN**

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



**PARTIAL SLAB INTERFACE PLAN**

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")

**COVERED PATIO 'D'**

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
  - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  - 6.1. FLASHING
  - 6.1. FLASHING & SADDLE/CRICKET
  - 6.1. DRIP SCREED
  - 24"x24" CHIMNEY
  - DECORATIVE VENT
  - DECORATIVE CORBEL
  - DECORATIVE SHUTTERS
  - PEDIMENT. SEE ELEVATION FOR TYPE
  - RECESSED ELEMENT
  - DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  - TRIM - SEE ELEVATION FOR SIZE
  - SYNTHETIC MATERIAL
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - SHAKE SIDING
  - STONE VENEER PER SPECS
  - BRICK/MASONRY VENEER PER SPECS
  - BUILT UP BRICK COLUMN
  - SOLDIER COURSE
  - ROWLOCK COURSE
  - FRIEZE BOARD
  - SIDING W/ 4" CORNER TRIM PER SPECS
  - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  - PRE-FAB DECORATIVE TRIM
  - LIGHT WEIGHT PRECAST STONE TRIM
  - RAILINGS (#36" U.N.O.)
  - WRAP
  - DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  - BRACKET OR KICKER - FYPON OR EQ.
  - ENTRY DOOR
  - CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  - SECTIONAL GARAGE DOOR PER SPECS
  - ALUMINUM WRAP
  - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  - OPTIONAL STANDING SEAM METAL ROOF
  - KEYSTONE
  - SOLDIER CROWN
  - JACK SOLDIER COURSE
  - WATER TABLE
  - ATRIUM DOOR
  - PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  - WATER HEATER 'B' VENT TO OUTSIDE AIR
  - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  - LINE OF WALL BELOW
  - LINE OF FLOOR ABOVE
  - LINE OF FLOOR BELOW
  - MIN. 2" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  - MIN. 2" PAD LOCATION
  - LOW WALL - REFER TO PLAN FOR HEIGHT
  - 2x6 STUD WALL
  - DEL. 2x4 WALL PER PLAN
  - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  - FLAT SOFFIT
  - ARCHED SOFFIT
  - OPT. DOOR/ WINDOW
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - BRICK / STONE VENEER - REFER TO ELEVATIONS
  - SECTIONAL GARAGE DOOR PER SPECS
  - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  - P.T. POST W/ WRAP.
  - EGRESS WINDOW
  - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- SLAB PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- CONCRETE PATIO/PORCH SLAB PER STRUCTURAL- SLOPE 1/4" PER FT. MIN.
  - CONCRETE GARAGE SLAB PER STRUCTURAL- SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENINGS.
  - CONCRETE FOUNDATION PER STRUCTURAL.
  - CONCRETE STOOP: 8"x36" STANDARD SLOPE 1/4" PER FT. MIN.
  - CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENINGS.
  - 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 STUD DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB
  - 4" MIN. 8 1/4" MAX. TO HARD SURFACE.
  - A/C PAD. VERIFY LOCATION.
  - 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.

- NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE



**NORTH CAROLINA 50' SERIES**

KB HOME  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582

**2018 NORTH CAROLINA STATE BUILDING CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
DIVISION MGR.: MP

REVISIONS:

VENTILATION NC2008NCP/ 01/17/20 /KBA

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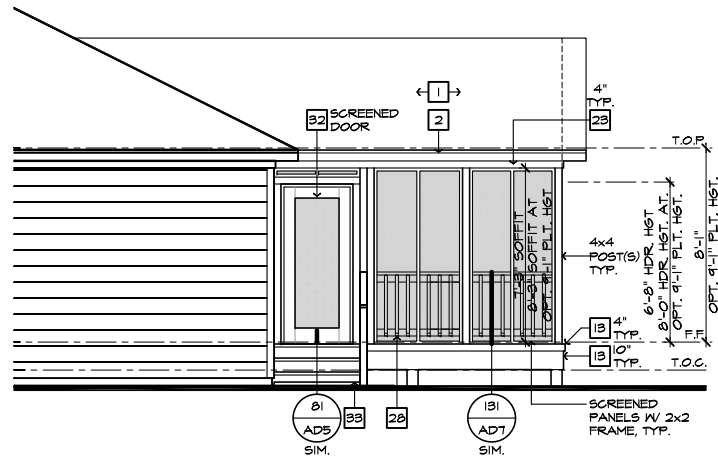
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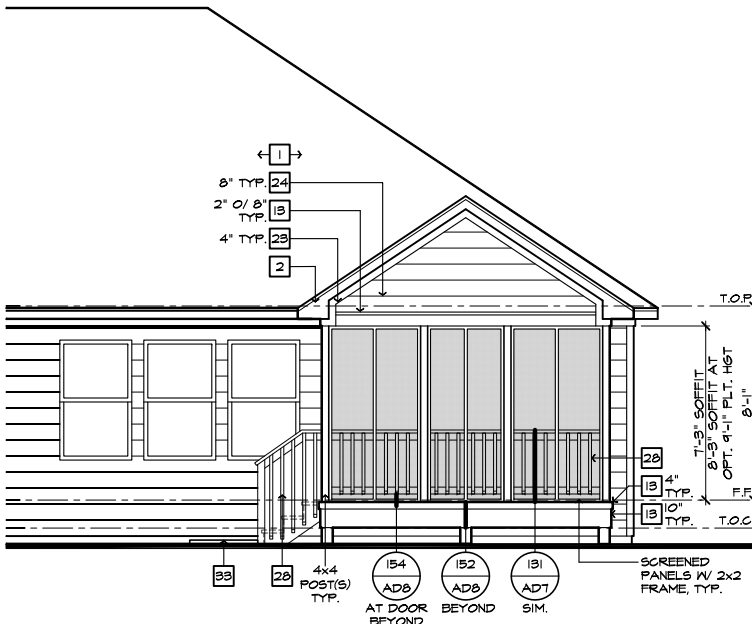
PLAN: 150.1910  
SHEET: 8.D1

**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

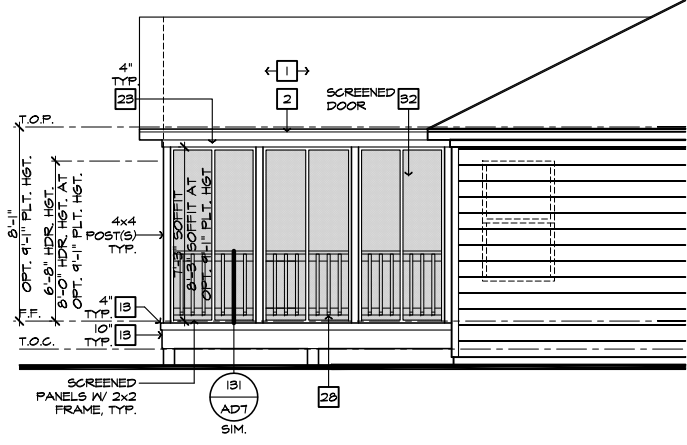
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**PARTIAL RIGHT ELEVATION**  
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



**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")

**ROOF PLAN NOTES 'D'**

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.  
6:12

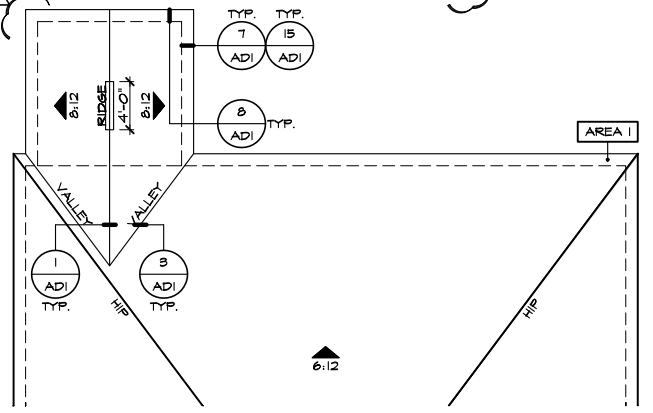
ROOF MATERIAL: COMPOSITION SHINGLE  
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.  
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.  
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

**ATTIC VENT CALCULATIONS**

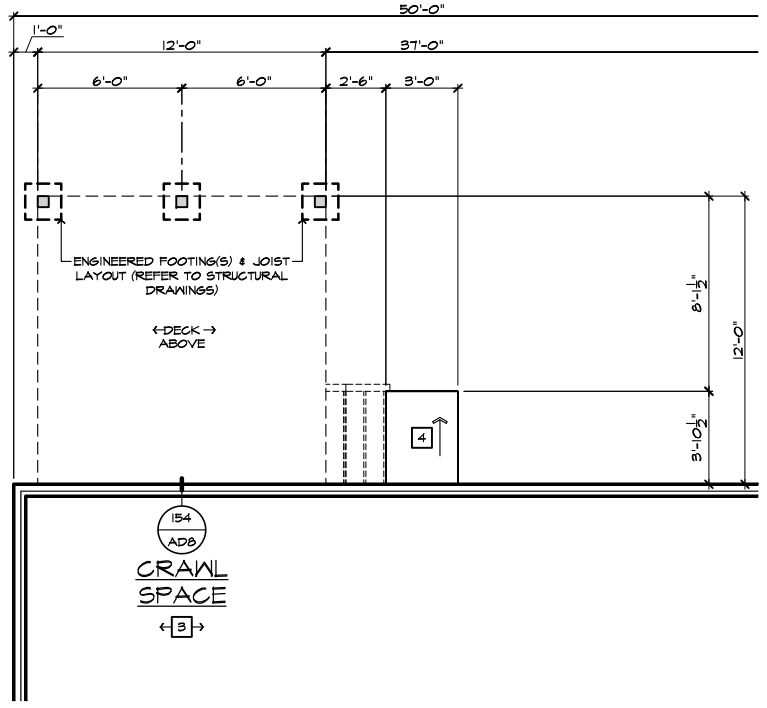
PROVIDE 1 SQ. IN. OF VENTILATION PER 500 SQ. IN. OF ATTIC SPACE. PROVIDE THAT AT LEAST 50% & NO MORE THAN 80% OF THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC, (HIGH VENTING) AT 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS, (LOW VENTING) (2018 NC-R 806.2)  
\* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

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

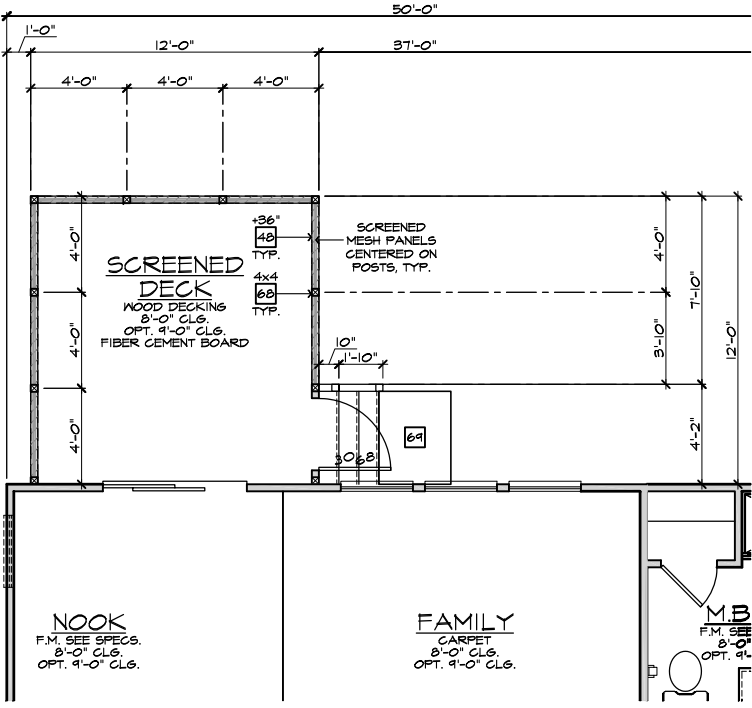
AREA 1 / MAIN:	
<b>VENTILATION REQUIRED:</b>	
ATTIC AREA = 2605	SQ. FT. / 500 = 5.21 SQ. FT.
	X 144 = 1244 SQ. IN.
	TOTAL HIGH & LOW = 1244 SQ. IN.
	X 50% = 625 SQ. IN.
<b>VENTILATION PROVIDED:</b>	
90 LF RIDGE VENT(S) AT 18 SQ. IN. / LF. =	540 SQ. IN.
4 ROOF VENT(S) AT 50 SQ. IN. EA. =	200 SQ. IN.
<b>SUB-TOTAL HIGH VENTILATION:</b>	740 SQ. IN.
106 LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. =	731 SQ. IN.
0 ROOF VENT(S) AT 50 SQ. IN. EA. =	0 SQ. IN.
<b>TOTAL VENTILATION PROVIDED:</b>	1471 SQ. IN.



**PARTIAL ROOF PLAN**  
SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



**PARTIAL CRAWL SPACE PLAN**  
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")

**SCREENED-IN COVERED DECK AT CRAWL SPACE 'D'**  
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

- ELEVATION NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1. FLASHING
  4. 6:1. FLASHING & SADDLE/CRICKET
  5. 6:1. DRIP SCREED
  6. 24"x24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. ROWLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (#36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOFF/ PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILLASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  28. WATER HEATER 'B' VENT TO OUTSIDE AIR
  29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  39. LINE OF WALL BELOW
  41. LINE OF FLOOR ABOVE
  42. LINE OF FLOOR BELOW
  50. MIN. 2" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  51. MIN. PAD LOCATION
  51. LOW WALL - REFER TO PLAN FOR HEIGHT
  52. 2x6 STUD WALL
  54. DEL. 2x4 WALL PER PLAN
  55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  57. FLAT SOFFIT
  58. ARCHED SOFFIT
  60. OPT. DOOR/WINDOW
  61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  62. BRICK / STONE VENEER - REFER TO ELEVATIONS
  63. SECTIONAL GARAGE DOOR PER SPECS
  66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  68. P.T. POST W/ WRAP.
  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 1/4" PER FT. MIN. SEE PLAN FOR SIZE



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NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R401. THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R401.2.

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

NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

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

**kb HOME**

Harnett COUNTY MASTER SET 01/12/2022

**NORTH CAROLINA 50' SERIES**

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4518 S. MIAMI BLVD. SUITE 180  
DURHAM, NC 27703  
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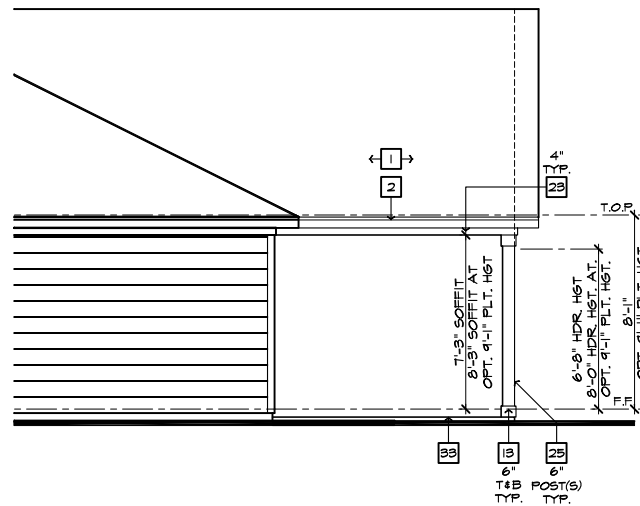
VENTILATION NC2008NCP/ 01/17/20 / KBA

PLAN: 150.1910  
SHEET: 8.D2

SPEC. LEVEL 1  
RALEIGH-DURHAM 50' SERIES

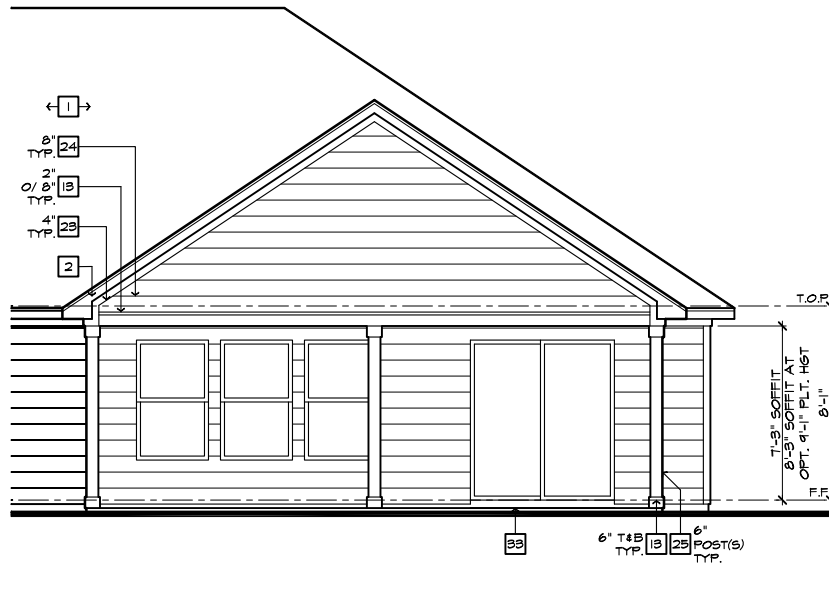
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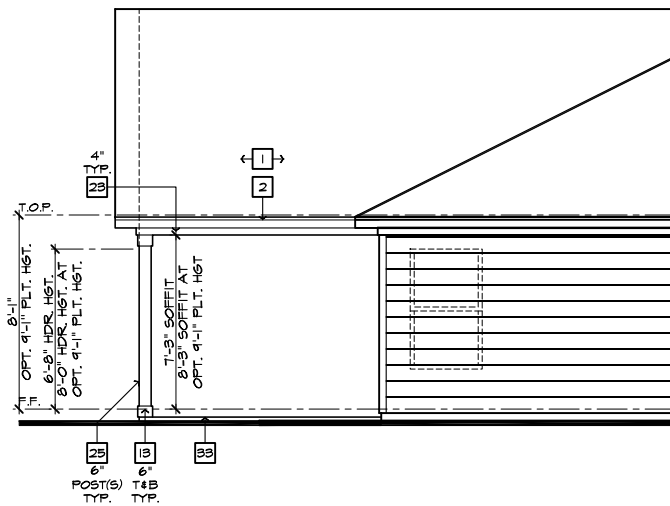
PARTIAL RIGHT ELEVATION

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")

ROOF PLAN NOTES 'D'

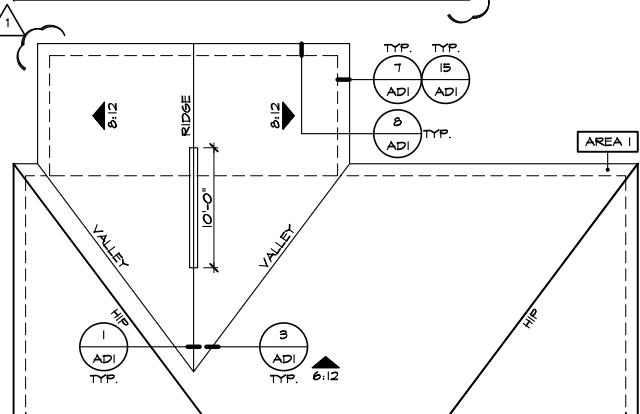
INDICATES ROOF SLOPE AND DIRECTION, U.N.O.  
6:12

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

ATTIC VENT CALCULATIONS  
PROVIDE 1 SQ. IN. OF VENTILATION PER 500 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 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS. (LOW VENTING) (2018 NC-R 906.2)  
\* CALCULATION BY 1/50. HIGH/LOW VENTING NOT REQUIRED.

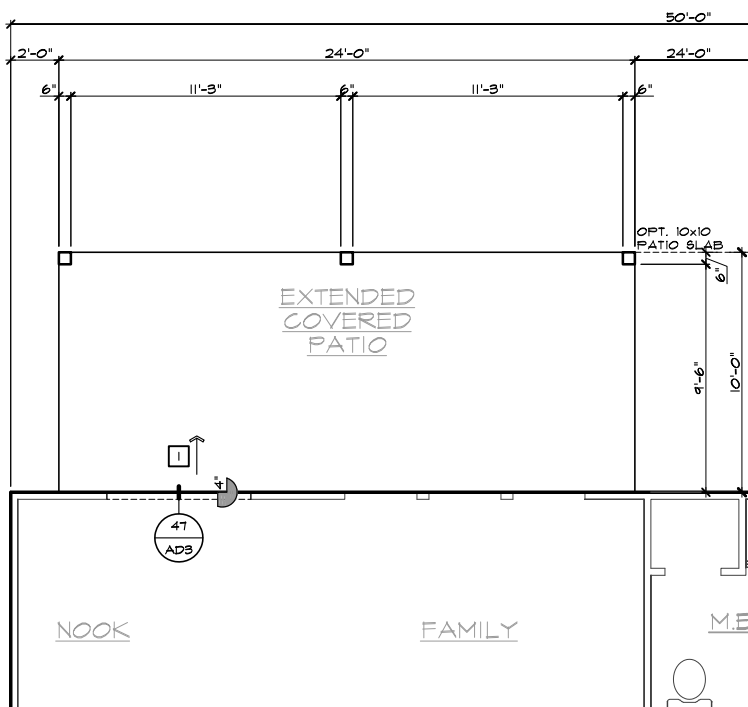
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA 1 / MAIN:	VENTILATION REQUIRED:	VENTILATION PROVIDED:
ATTIC AREA = 2644	500 SQ. FT. / 300 = 9.00 SQ. FT. X 144 = 1296 SQ. IN. TOTAL HIGH & LOW = 1296 SQ. IN. X 50% = 648 SQ. IN.	40 LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 720 SQ. IN. 2 ROOF VENT(S) AT 50 SQ. IN. EA. = 100 SQ. IN. SUB-TOTAL HIGH VENTILATION: 820 SQ. IN.
	106 LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 731 SQ. IN. 0 ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN. TOTAL VENTILATION PROVIDED: 1551 SQ. IN.	



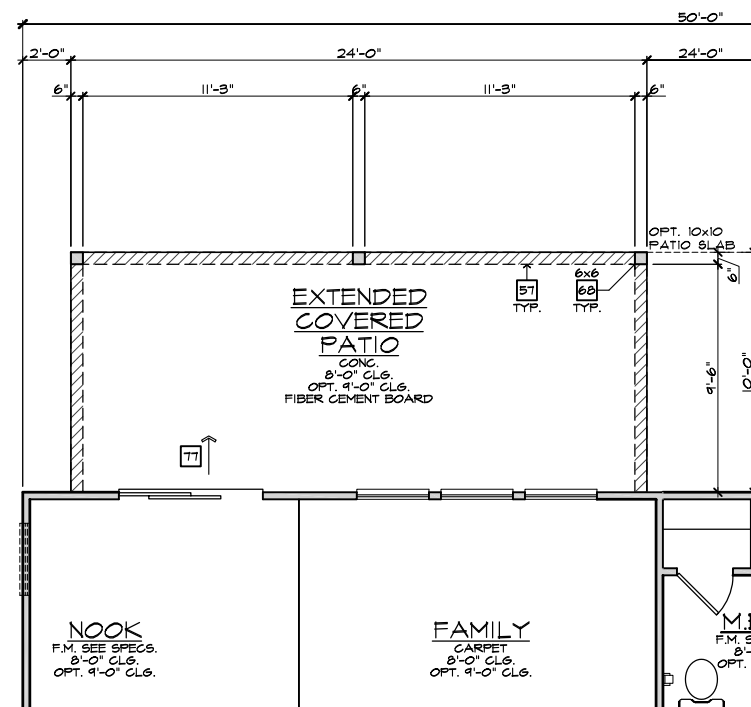
PARTIAL ROOF PLAN

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



PARTIAL SLAB INTERFACE PLAN

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")

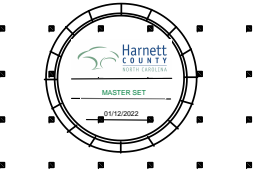
EXTENDED COVERED PATIO 'D'

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

- # ELEVATION NOTES 208.16-9
- NOTE: NOT ALL KEY NOTES APPLY.
1. ROOF MATERIAL - REFER TO ROOF NOTES
  2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  3. 6:1. FLASHING
  4. 6:1. FLASHING & SADDLE/CRICKET
  5. 6:1. DRIP SCREED
  6. 24"x24" CHIMNEY
  7. DECORATIVE VENT
  8. DECORATIVE CORBEL
  9. DECORATIVE SHUTTERS
  10. PEDIMENT. SEE ELEVATION FOR TYPE
  11. RECESSED ELEMENT
  12. DECORATIVE TRIM FYPYON OR EQ. SEE ELEVATION FOR TYPE
  13. TRIM - SEE ELEVATION FOR SIZE
  14. SYNTHETIC MATERIAL
  15. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
  16. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  17. SHAKE SIDING
  18. STONE VENEER PER SPECS
  19. BRICK/MASONRY VENEER PER SPECS
  20. BUILT UP BRICK COLUMN
  21. SOLDIER COURSE
  22. ROWLOCK COURSE
  23. FRIEZE BOARD
  24. SIDING W/ 4" CORNER TRIM PER SPECS
  25. P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  26. PRE-FAB DECORATIVE TRIM
  27. LIGHT WEIGHT PRECAST STONE TRIM
  28. RAILINGS (#36" U.N.O.)
  29. WRAP
  30. DECORATIVE WINDOW/DOOR TRIM - FYPYON OR EQ. SEE ELEVATION FOR SIZE.
  31. BRACKET OR KICKER - FYPYON OR EQ.
  32. ENTRY DOOR
  33. CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  34. SECTIONAL GARAGE DOOR PER SPECS
  35. ALUMINUM WRAP
  36. OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  37. OPTIONAL STANDING SEAM METAL ROOF
  38. KEYSTONE
  39. SOLDIER CROWN
  40. JACK SOLDIER COURSE
  41. WATER TABLE
  42. ATRIUM DOOR
  43. PILASTER - SEE ELEVATION FOR TYPE

- # PARTIAL PLAN NOTES 208.16-9
- NOTE: NOT ALL KEY NOTES APPLY.
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  28. WATER HEATER 'B' VENT TO OUTSIDE AIR
  29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  39. LINE OF WALL BELOW
  41. LINE OF FLOOR ABOVE
  42. LINE OF FLOOR BELOW
  50. MIN. 2" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  51. LOW WALL - REFER TO PLAN FOR HEIGHT
  52. 2x6 STUD WALL
  54. DEL. 2x4 WALL PER PLAN
  55. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  57. FLAT SOFFIT
  58. ARCHED SOFFIT
  60. OPT. DOOR/ WINDOW
  61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPYON OR EQ. SURROUNDING STRUCTURAL POST.
  62. BRICK / STONE VENEER - REFER TO ELEVATIONS
  63. SECTIONAL GARAGE DOOR PER SPECS
  66. 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE. NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  68. P.T. POST W/ WRAP.
  70. EGRESS WINDOW
  75. WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOWS) ON ALL SIDES U.N.O.
  76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  77. CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- # SLAB PLAN NOTES 208.16-9
- NOTE: NOT ALL KEY NOTES APPLY.
1. 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 OPENINGS.
  3. CONCRETE FOUNDATION PER STRUCTURAL.
  4. CONCRETE STOOP: 36"x36" STANDARD SLOPE 1/4" PER FT. MIN.
  5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENINGS.
  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.
  9. REFER TO CIVIL DRAWINGS FOR ALL FINISH SURFACE ELEVATIONS.
  10. VERIFY ALL PLUMBING STUD DIMENSIONS SHOWN HERE PRIOR TO POUR OF SLAB
  11. 4" MIN. 5/16" 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 ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE



NORTH CAROLINA 50' SERIES

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SUITE 180  
DURHAM, NC 27703  
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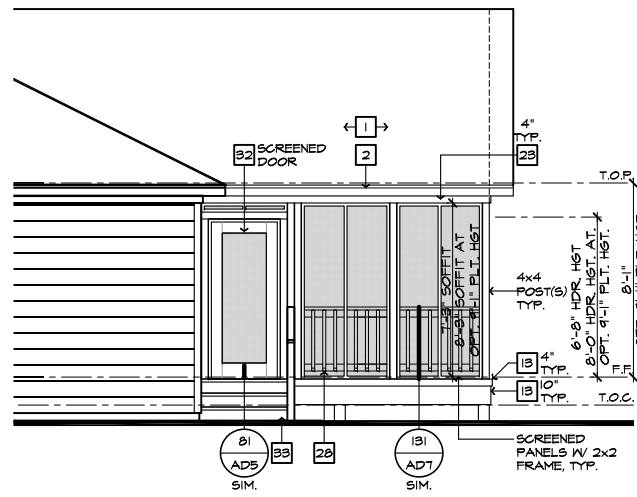
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PLAN: 150.1910  
SHEET: 8.D3

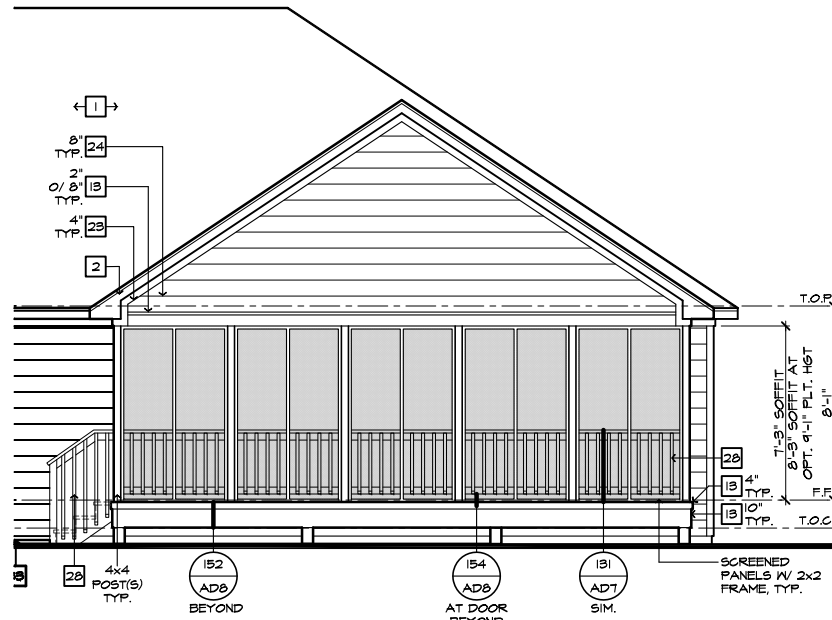
SPEC. LEVEL 1  
RALEIGH-DURHAM 50' SERIES

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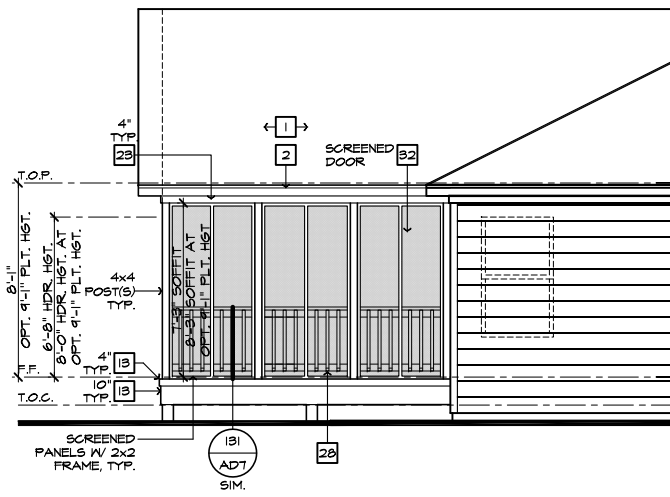
**PARTIAL RIGHT ELEVATION**

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")

**ROOF PLAN NOTES 'D'**

INDICATES ROOF SLOPE AND DIRECTION, U.N.O.  
6:12

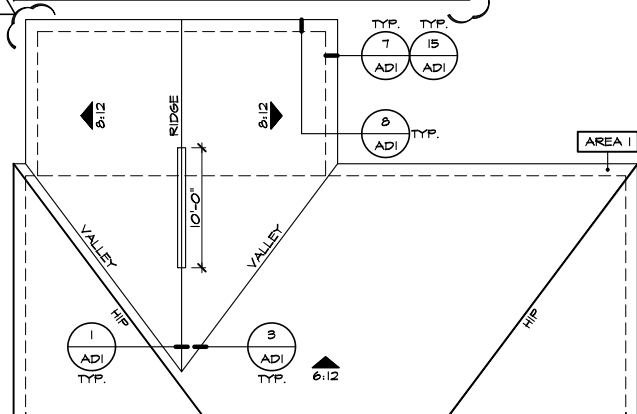
ROOF MATERIAL: COMPOSITION SHINGLE  
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.  
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.  
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.

**ATTIC VENT CALCULATIONS**

PROVIDE 1 SQ. IN. OF VENTILATION PER 500 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 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS. (LOW VENTING) (2018 NC-R 806.2)  
\* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.

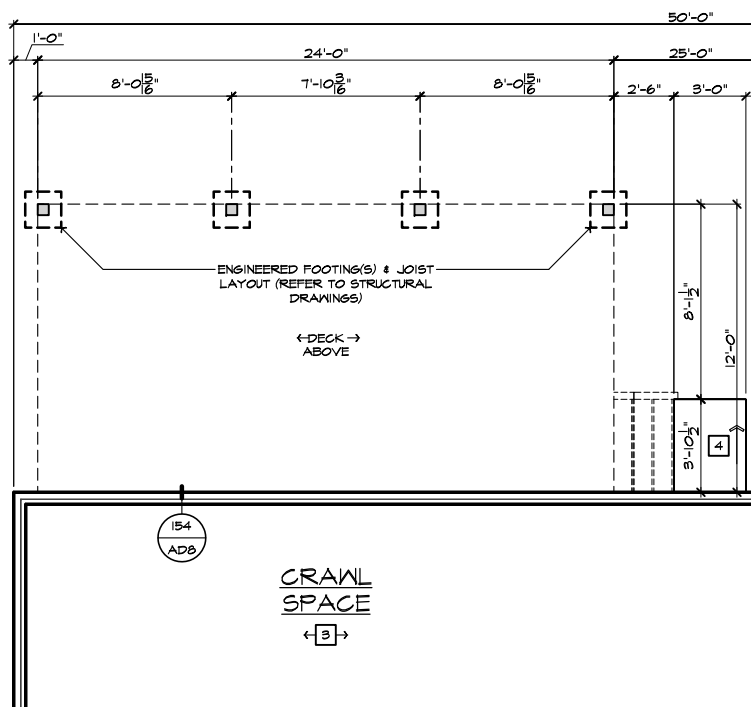
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

AREA / MAIN	VENTILATION REQUIRED:	VENTILATION PROVIDED:
ATTIC AREA = 2147	500 SQ. FT. / 300 = 416 SQ. FT. X 144 = 1814 SQ. IN. TOTAL HIGH & LOW = 1814 SQ. IN. X 50% = 694 SQ. IN.	40 LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 720 SQ. IN. 2 ROOF VENT(S) AT 50 SQ. IN. EA. = 100 SQ. IN. SUB-TOTAL HIGH VENTILATION: 820 SQ. IN. (L2X)
	106 LF VENTILATED SOFFIT AT 6.9 SQ. IN. / LF. = 731 SQ. IN. 0 ROOF VENT(S) AT 50 SQ. IN. EA. = 0 SQ. IN. TOTAL VENTILATION PROVIDED: 1561 SQ. IN.	



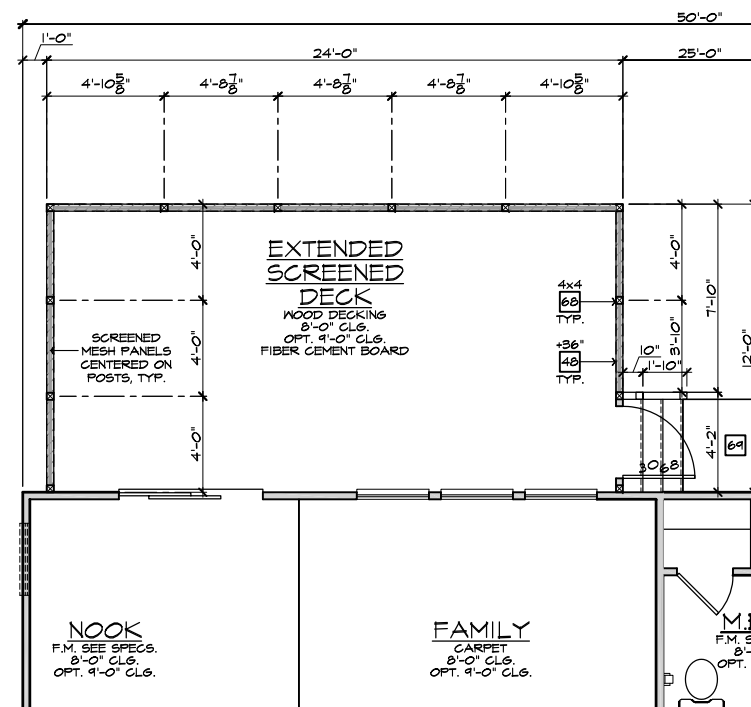
**PARTIAL ROOF PLAN**

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



**PARTIAL CRAWL SPACE PLAN**

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
  - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  - 6.1. FLASHING
  - 6.1. FLASHING & SADDLE/CRICKET
  - 6.1. DRIP SCREED
  - 24"x24" CHIMNEY
  - DECORATIVE VENT
  - DECORATIVE CORBEL
  - DECORATIVE SHUTTERS
  - PEDIMENT. SEE ELEVATION FOR TYPE
  - RECESSED ELEMENT
  - DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  - TRIM - SEE ELEVATION FOR SIZE
  - SYNTHETIC MATERIAL
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - SHAKE SIDING
  - STONE VENEER PER SPECS
  - BRICK/MASONRY VENEER PER SPECS
  - BUILT UP BRICK COLUMN
  - SOLDIER COURSE
  - ROWLOCK COURSE
  - FRIEZE BOARD
  - SIDING W/ 4" CORNER TRIM PER SPECS
  - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  - PRE-FAB DECORATIVE TRIM
  - LIGHT WEIGHT PRECAST STONE TRIM
  - RAILINGS (+36" U.N.O.)
  - WRAP
  - DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
  - BRACKET OR KICKER - FYPON OR EQ.
  - ENTRY DOOR
  - CONCRETE STOOFF/ PORCH - SEE SLAB INTERFACE PLAN.
  - SECTIONAL GARAGE DOOR PER SPECS
  - ALUMINUM WRAP
  - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  - OPTIONAL STANDING SEAM METAL ROOF
  - KEYSTONE
  - SOLDIER CROWN
  - JACK SOLDIER COURSE
  - WATER TABLE
  - ATRIUM DOOR
  - PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  - WATER HEATER 'B' VENT TO OUTSIDE AIR
  - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  - LINE OF WALL BELOW
  - LINE OF FLOOR ABOVE
  - LINE OF FLOOR BELOW
  - MIN. 12" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  - MIN. PAD LOCATION
  - LOW WALL - REFER TO PLAN FOR HEIGHT
  - 2x6 STUD WALL
  - DBL. 2x4 WALL PER PLAN
  - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  - FLAT SOFFIT
  - ARCHED SOFFIT
  - OPT. DOOR/ WINDOW
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - BRICK / STONE VENEER - REFER TO ELEVATIONS
  - SECTIONAL GARAGE DOOR PER SPECS
  - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  - P.T. POST W/ WRAP.
  - EGRESS WINDOW
  - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE



**NORTH CAROLINA 50' SERIES**

KB HOME  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582

**2018 NORTH CAROLINA STATE BUILDING CODES**

ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
DIVISION MGR.: MP

REVISIONS:

VENTILATION NC2008NCP/ 01/17/20 /KBA

FOR INTERNAL USE ONLY

REVIEWED BY:

1.	
2.	
3.	
4.	
5.	
6.	

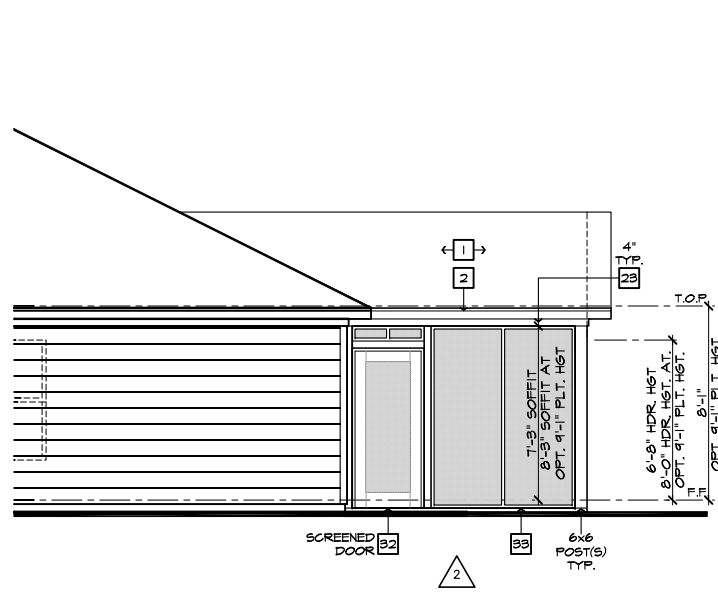
PLAN: 150.1910  
SHEET: 8.D4

SPEC. LEVEL 1  
RALEIGH-DURHAM 50' SERIES

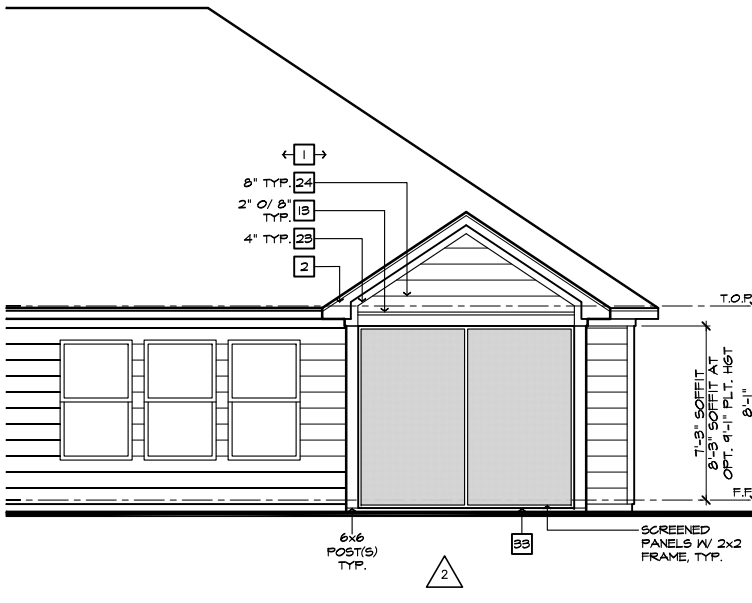
**EXTENDED SCREENED-IN COVERED DECK AT CRAWL SPACE 'D'**

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

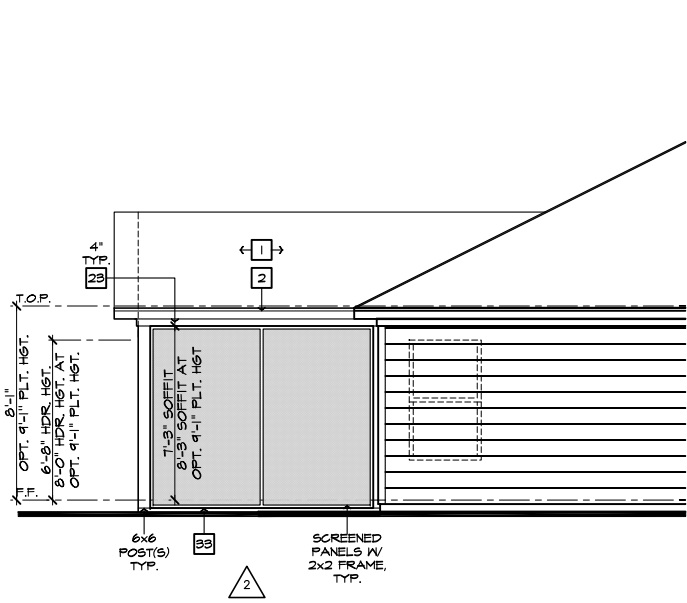
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**PARTIAL RIGHT ELEVATION**  
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



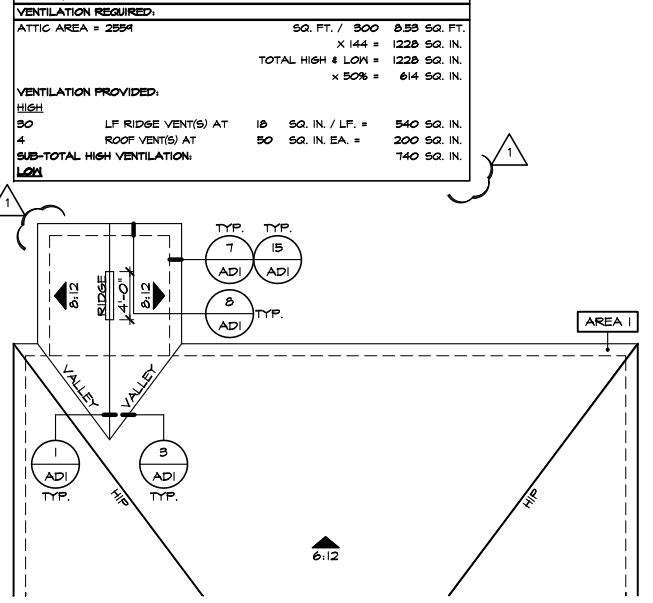
**PARTIAL REAR ELEVATION**  
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



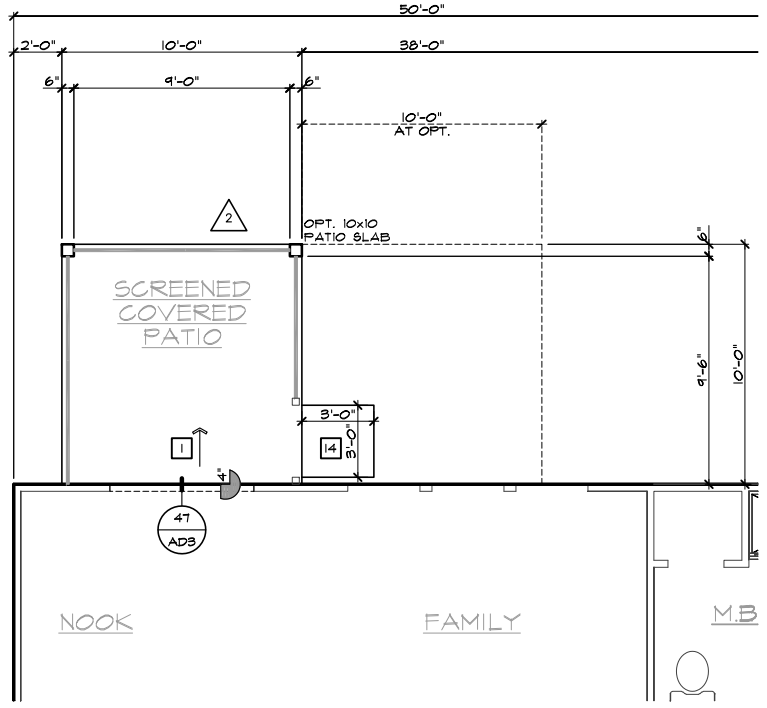
**PARTIAL LEFT ELEVATION**  
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

#	ELEVATION NOTES
<b>NOTE: NOT ALL KEY NOTES APPLY.</b>	
1.	ROOF MATERIAL - REFER TO ROOF NOTES
2.	2X FASCIA/BARGE BOARD WITH FASCIA CAP
3.	6.1. FLASHING
4.	6.1. FLASHING & SADDLE/CRICKET
5.	6.1. DRIP SCREED
6.	24"x24" CHIMNEY
7.	DECORATIVE VENT
8.	DECORATIVE CORBEL
9.	DECORATIVE SHUTTERS
10.	PEDIMENT. SEE ELEVATION FOR TYPE
11.	RECESSED ELEMENT
12.	DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
13.	TRIM PER SPEC- SEE ELEVATION FOR SIZE
14.	SYNTHETIC MATERIAL
15.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
16.	SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
17.	SHAKE SIDING
18.	STONE VENEER PER SPECS
19.	BRICK/MASONRY VENEER PER SPECS
20.	BUILT UP BRICK COLUMN
21.	SOLDIER COURSE
22.	ROWLOCK COURSE
23.	FRIEZE BOARD
24.	SIDING W/ 4" CORNER TRIM PER SPECS
25.	P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
26.	PRE-FAB DECORATIVE TRIM
27.	LIGHT WEIGHT PRECAST STONE TRIM
28.	P.T. LUMBER RAILINGS (36" U.N.O.)
29.	WRAP
30.	DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
31.	BRACKET OR KICKER - FYPON OR EQ.
32.	ENTRY DOOR
33.	CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
34.	SECTIONAL GARAGE DOOR PER SPECS
35.	ALUMINUM WRAP
36.	OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
37.	OPTIONAL STANDING SEAM METAL ROOF
38.	KEYSTONE
39.	SOLDIER CROWN
40.	JACK SOLDIER COURSE
41.	WATER TABLE
42.	ATRIUM DOOR
43.	PILASTER - SEE ELEVATION FOR TYPE

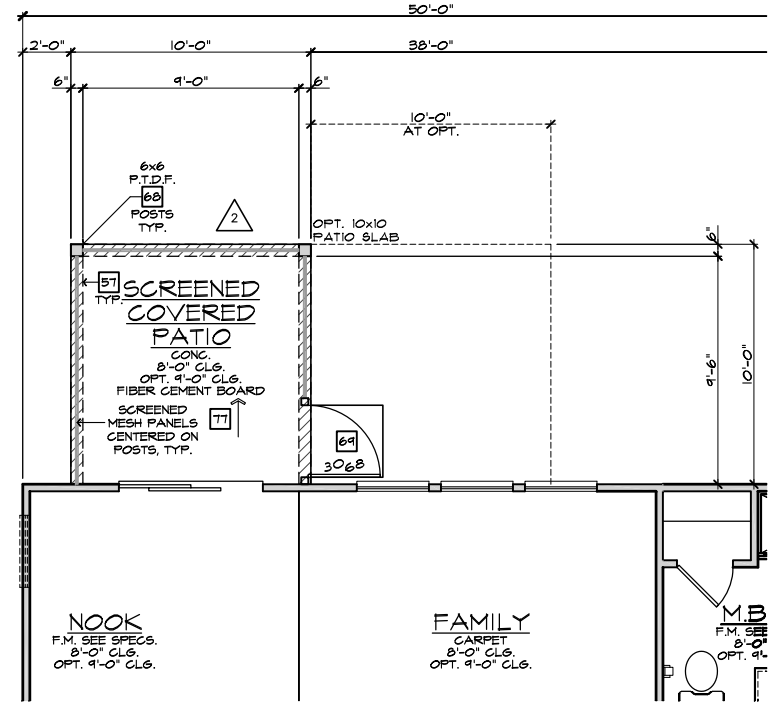
ROOF PLAN NOTES 'D'	
	INDICATES ROOF SLOPE AND DIRECTION, U.N.O.
6:12	
<b>ROOF MATERIAL: COMPOSITION SHINGLE</b>	
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.	
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.	
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.	
<b>ATTIC VENT CALCULATIONS</b>	
PROVIDE 1 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 NC-R 806.2)	
* CALCULATION BY 1/50, HIGH/LOW VENTING NOT REQUIRED.	
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.	
<b>AREA 1 MAIN:</b>	
<b>VENTILATION REQUIRED:</b>	
ATTIC AREA = 2394	50 SQ. FT. / 300 = 8.98 SQ. FT.
	X 144 = 1228 SQ. IN.
	TOTAL HIGH & LOW = 1228 SQ. IN.
	X 50% = 614 SQ. IN.
<b>VENTILATION PROVIDED:</b>	
HIGH:	
30	LF RIDGE VENT(S) AT 18 SQ. IN. / LF. = 540 SQ. IN.
4	ROOF VENT(S) AT 50 SQ. IN. EA. = 200 SQ. IN.
<b>SUB-TOTAL HIGH VENTILATION:</b>	740 SQ. IN.
<b>LOW:</b>	



**PARTIAL ROOF PLAN**  
SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



**PARTIAL SLAB INTERFACE PLAN**  
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

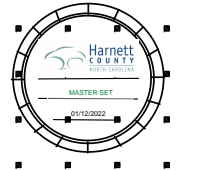


**PARTIAL FIRST FLOOR PLAN**  
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

#	PARTIAL PLAN NOTES
<b>NOTE: NOT ALL KEY NOTES APPLY.</b>	
27.	WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
28.	WATER HEATER 'B' VENT TO OUTSIDE AIR
29.	MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
39.	LINE OF WALL BELOW
41.	LINE OF FLOOR ABOVE
42.	LINE OF FLOOR BELOW
50.	MIN. 2" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
50.	MIN. PAD LOCATION
51.	LOW WALL - REFER TO PLAN FOR HEIGHT
52.	2x6 STUD WALL
54.	DEL. 2x4 WALL PER PLAN
55.	INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
57.	FLAT SOFFIT
58.	ARCHED SOFFIT
60.	OPT. DOOR/ WINDOW
61.	PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
62.	BRICK / STONE VENEER - REFER TO ELEVATIONS
63.	SECTIONAL GARAGE DOOR PER SPECS
66.	3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
68.	P.T. POST W/ WRAP.
70.	EGRESS WINDOW
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 1/4" PER FT. MIN. SEE PLAN FOR SIZE

<b>1</b>	<b>VENTILATION</b> NC2008NCP/ 01/17/20 /KBA
<b>2</b>	<b>FRAMEWALK</b> NC20019NCP/ 03-25-20 /KBA
<b>NOTE:</b> THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R401.	
THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R401.2.	
<b>NOTE:</b> REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE	
<b>NOTE:</b> REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE	
<b>NOTE:</b> REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE	

**SCREENED-IN PATIO 'D'**  
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



**NORTH CAROLINA 50' SERIES**

KB HOME  
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4518 S. MIAMI BLVD.  
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DURHAM, NC 27703  
TEL: (919) 768-7988  
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**2018 NORTH CAROLINA STATE BUILDING CODES**

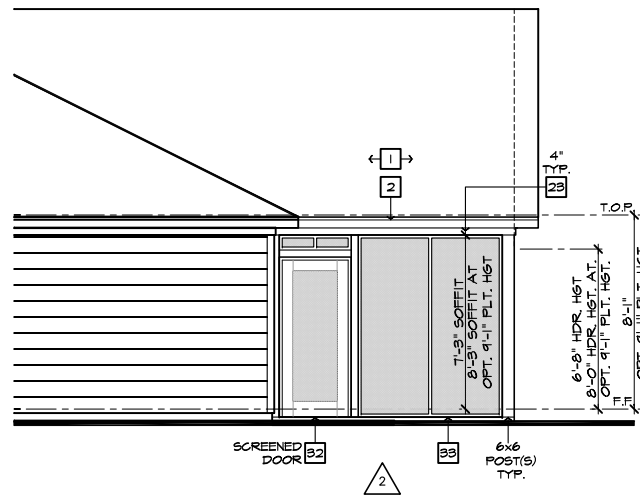
ISSUE DATE: 12/13/19  
PROJECT No.: 1350999-57  
DIVISION MGR.: MP

REVISIONS:

PLAN: 150.1910  
SHEET: 8.D5

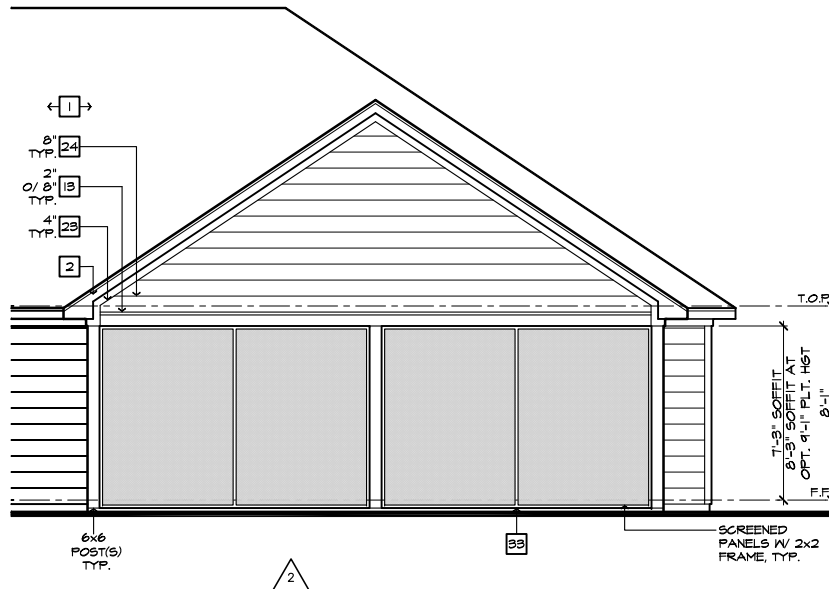
**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

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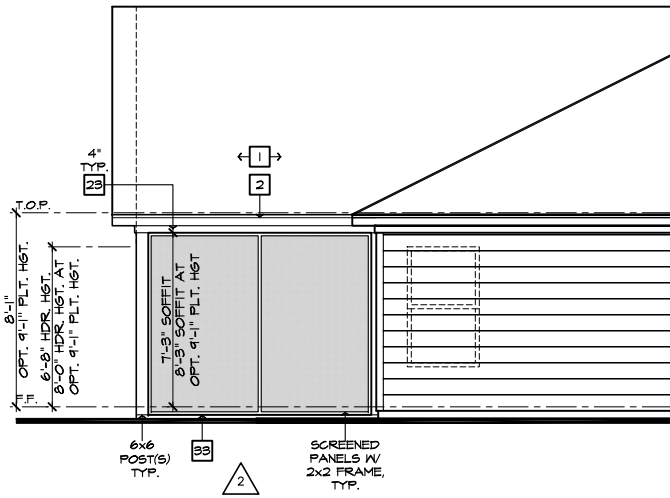
**PARTIAL RIGHT ELEVATION**

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



**PARTIAL REAR ELEVATION**

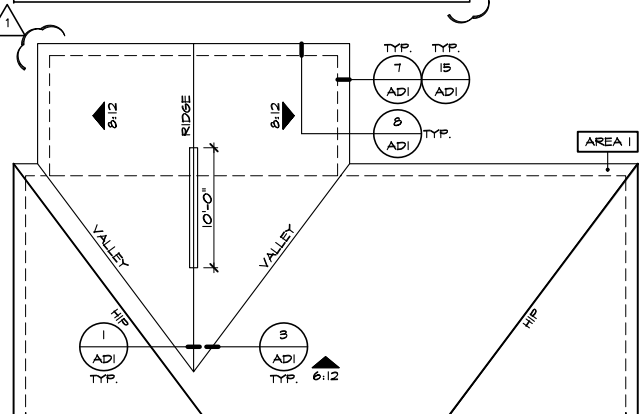
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



**PARTIAL LEFT ELEVATION**

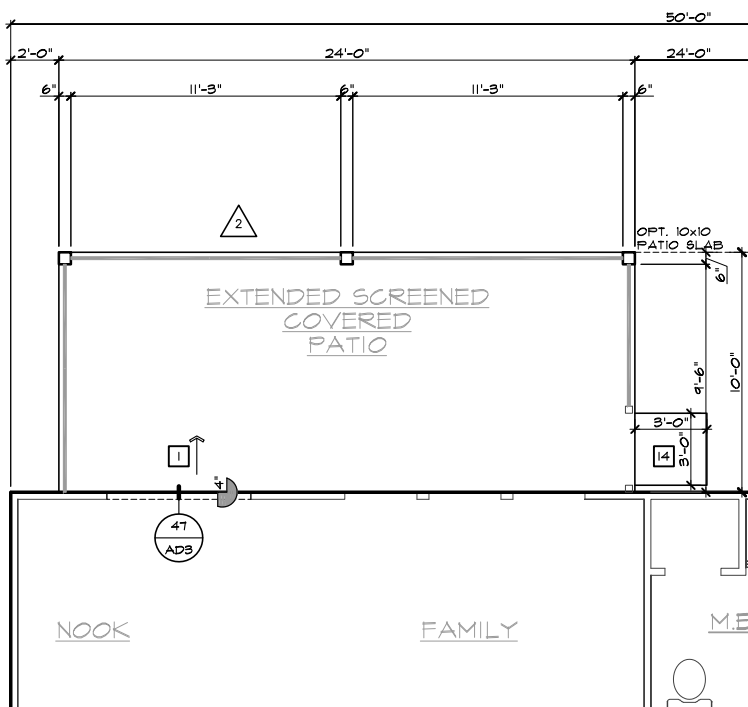
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")

ROOF PLAN NOTES 'D'			
	INDICATES ROOF SLOPE AND DIRECTION, U.N.O.		
ROOF MATERIAL: COMPOSITION SHINGLE			
12" (INCHES) TYPICAL ROOF OVERHANGS AT RAKE, U.N.O.			
12" (INCHES) TYPICAL ROOF OVERHANGS AT EAVE, U.N.O.			
LOCATE EAVE/ RAFTER VENTS EQUALLY BALANCED AROUND HOUSE EXCEPT ABOVE SHEARWALL PANELS.			
ATTIC VENT CALCULATIONS			
PROVIDE 1 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 9'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS. (LOW VENTING) (2018 NC-R 906.2)			
* CALCULATION BY 1/50. HIGH/LOW VENTING NOT REQUIRED.			
APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.			
AREA 1 / MAIN			
VENTILATION REQUIRED:			
ATTIC AREA = 2644	50 SQ. FT. / 300	900 SQ. FT.	
	X 144 =	1246 SQ. IN.	
	TOTAL HIGH & LOW =	1246 SQ. IN.	
	X 50% =	648 SQ. IN.	
VENTILATION PROVIDED:			
High			
40	LF RIDGE VENT(S) AT	18 SQ. IN. / LF. =	720 SQ. IN.
2	ROOF VENT(S) AT	50 SQ. IN. EA. =	100 SQ. IN.
SUB-TOTAL HIGH VENTILATION:			820 SQ. IN.
Low			
106	LF VENTILATED SOFFIT AT	6.9 SQ. IN. / LF. =	731 SQ. IN.
0	ROOF VENT(S) AT	50 SQ. IN. EA. =	0 SQ. IN.
TOTAL VENTILATION PROVIDED:			1551 SQ. IN.



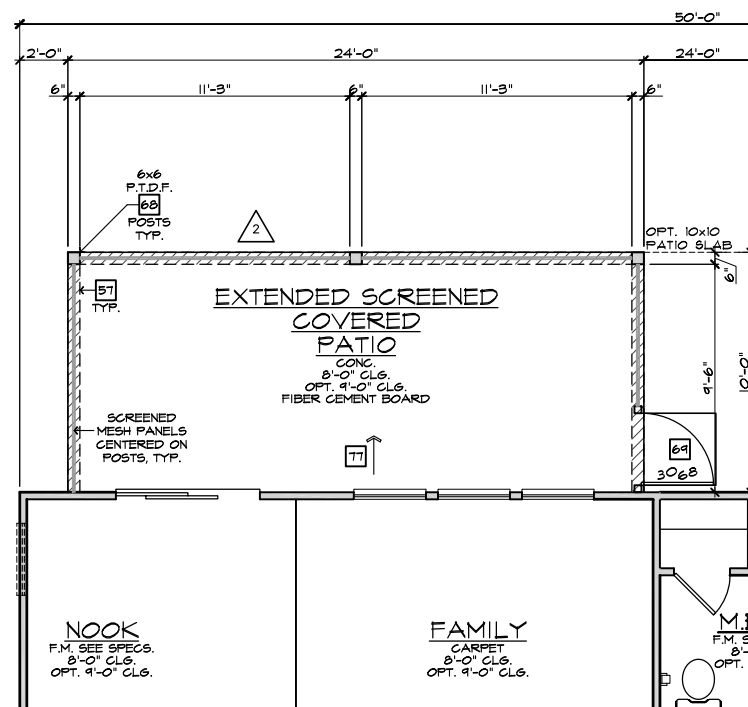
**PARTIAL ROOF PLAN**

SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



**PARTIAL SLAB INTERFACE PLAN**

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")

**EXTENDED SCREENED-IN COVERED PATIO 'D'**

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
  - 2X FASCIA/BARGE BOARD WITH FASCIA CAP
  - 6:12 FLASHING
  - 6:12 FLASHING & SADDLE/CRICKET
  - 6:12 DRIP SCREED
  - 24"x24" CHIMNEY
  - DECORATIVE VENT
  - DECORATIVE CORBEL
  - DECORATIVE SHUTTERS
  - PEDIMENT. SEE ELEVATION FOR TYPE
  - RECESSED ELEMENT
  - DECORATIVE TRIM FYPON OR EQ. SEE ELEVATION FOR TYPE
  - TRIM PER SPEC- SEE ELEVATION FOR SIZE
  - SYNTHETIC MATERIAL
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - SHAKE SIDING
  - STONE VENEER PER SPECS
  - BRICK/MASONRY VENEER PER SPECS
  - BUILT UP BRICK COLUMN
  - SOLDIER COURSE
  - ROCKLOCK COURSE
  - FRIEZE BOARD
  - SIDING W/ 4" CORNER TRIM PER SPECS
  - P.T. POST W/ WRAP - SEE STRUCTURAL FOR SIZE
  - PRE-FAB DECORATIVE TRIM
  - LIGHT WEIGHT PRECAST STONE TRIM
  - P.T. LUMBER RAILINGS (36" U.N.O.)
  - WRAP
  - DECORATIVE WINDOW/DOOR TRIM - FYPON OR EQ. SEE ELEVATION FOR SIZE
  - BRACKET OR KICKER - FYPON OR EQ.
  - ENTRY DOOR
  - CONCRETE STOOP/ PORCH - SEE SLAB INTERFACE PLAN.
  - SECTIONAL GARAGE DOOR PER SPECS
  - ALUMINUM WRAP
  - OPTIONAL DOOR/WINDOW - REFER TO PLAN OPTIONS
  - OPTIONAL STANDING SEAM METAL ROOF
  - KEYSTONE
  - SOLDIER CROWN
  - JACK SOLDIER COURSE
  - WATER TABLE
  - ATRIUM DOOR
  - PILASTER - SEE ELEVATION FOR TYPE

- PARTIAL PLAN NOTES**
- NOTE: NOT ALL KEY NOTES APPLY.
- WATER HEATER LOCATION - FOR GAS - LOCATE ON 18" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE FAN & DRAIN. (REFER TO DETAILS)
  - WATER HEATER 'B' VENT TO OUTSIDE AIR
  - MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
  - LINE OF WALL BELOW
  - LINE OF FLOOR ABOVE
  - LINE OF FLOOR BELOW
  - MIN. 2x4 HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
  - MIN. PAD LOCATION
  - LOW WALL - REFER TO PLAN FOR HEIGHT
  - 2x6 STUD WALL
  - DBL. 2x4 WALL PER PLAN
  - INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
  - FLAT SOFFIT
  - ARCHED SOFFIT
  - OPT. DOOR/ WINDOW
  - PRE-MANUFACTURED DECORATIVE COLUMN (SIZE, SEE ELEV.) FYPON OR EQ. SURROUNDING STRUCTURAL POST.
  - BRICK / STONE VENEER - REFER TO ELEVATIONS
  - SECTIONAL GARAGE DOOR PER SPECS
  - 3" DIAM. CONCRETE FILLED PIPE BOLLARD 36" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE
  - NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH).
  - P.T. POST W/ WRAP.
  - EGRESS WINDOW
  - WINDOW LEDGE. HEIGHT & WIDTH OF OPENING TO EXTEND 6" BEYOND WINDOW(S) ON ALL SIDES U.N.O.
  - SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
  - CONCRETE SLAB. SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE

- ISSUE DATE: 12/13/19
- PROJECT No.: 1350999:57
- DIVISION MGR.: MP
- REVISIONS:
- VENTILATION NC2008NCP/ 01/17/20 /KBA
  - FRAMEWALK NC20019NCP/ 03-25-20 /KBA
- NOTE: THE CRAWL SPACE IS TO BE CONDITIONED PER NC-R SECTION R401.
- NOTE: THE CRAWL SPACE VAPOR RETARDER (BARRIER) IS TO BE PER NC-R SECTION R401.2.
- NOTE: REFER TO BASIC ROOF PLAN FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE
- NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE



**NORTH CAROLINA 50' SERIES**

KB HOME  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582

**2018 NORTH CAROLINA STATE BUILDING CODES**

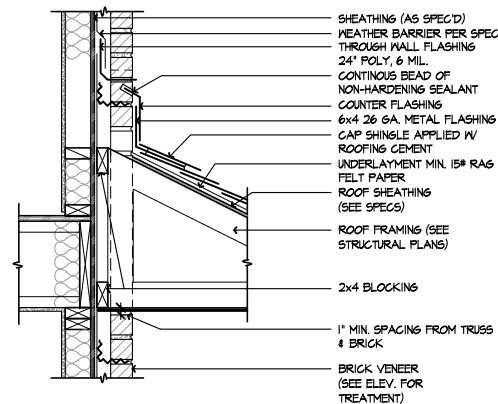
ISSUE DATE: 12/13/19  
PROJECT No.: 1350999:57  
DIVISION MGR.: MP

- REVISIONS:
- VENTILATION NC2008NCP/ 01/17/20 /KBA
  - FRAMEWALK NC20019NCP/ 03-25-20 /KBA

PLAN: 150.1910  
SHEET: 8.D6

**SPEC. LEVEL 1 RALEIGH-DURHAM 50' SERIES**

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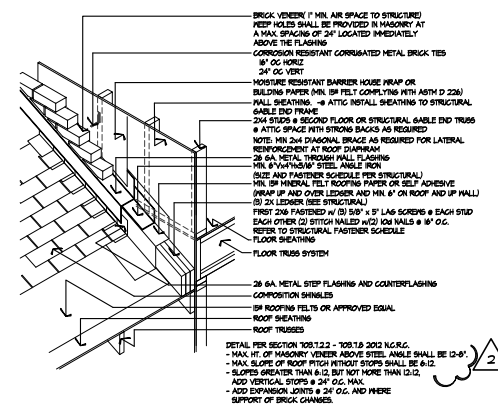


**BRICK THROUGH ROOF**

SCALE 1"=1'-0"

SE-01017a

17

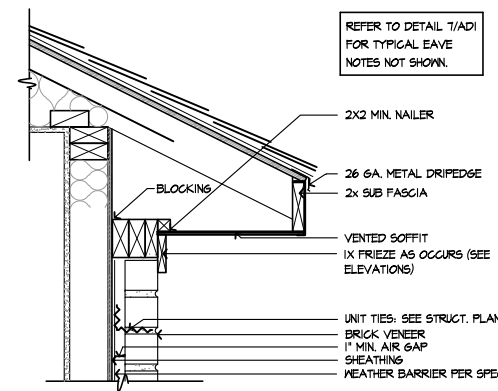


**BRICK OVER ROOF**

SCALE NTS

SE-2D 150

13

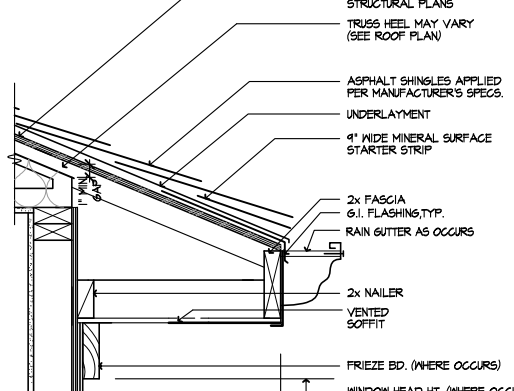


**EAVE - BRICK**

SCALE 1 1/2"=1'-0"

SE-01018b

18

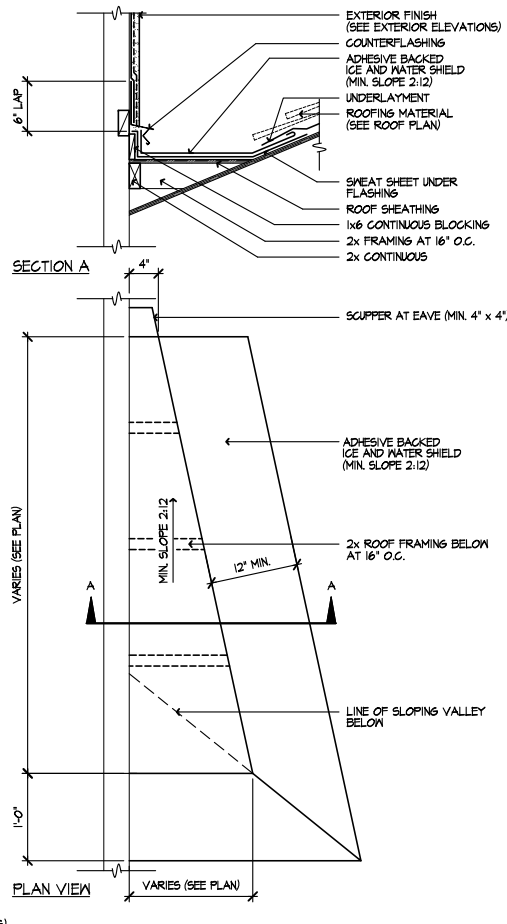


**EAVE**

SCALE 1 1/2"=1'-0"

07B2-13q

14

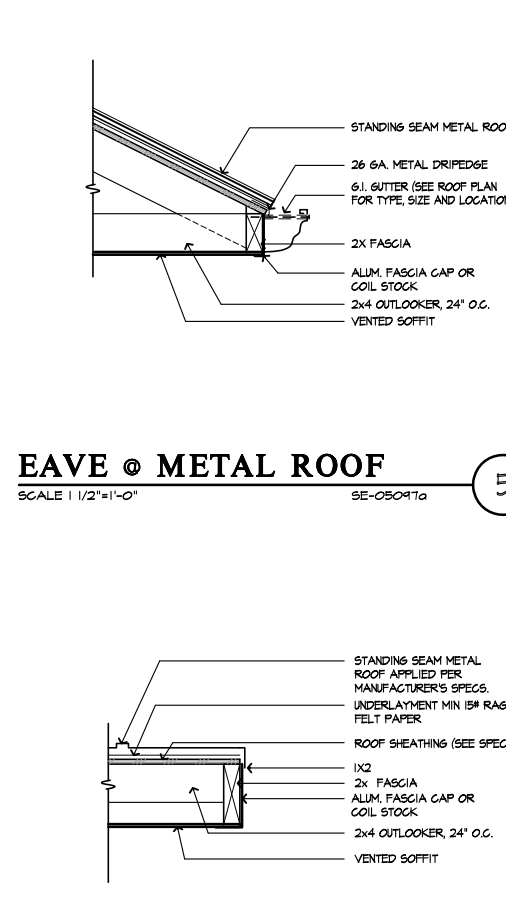


**CRICKET**

SCALE 1"=1'-0"

07B2-10

10

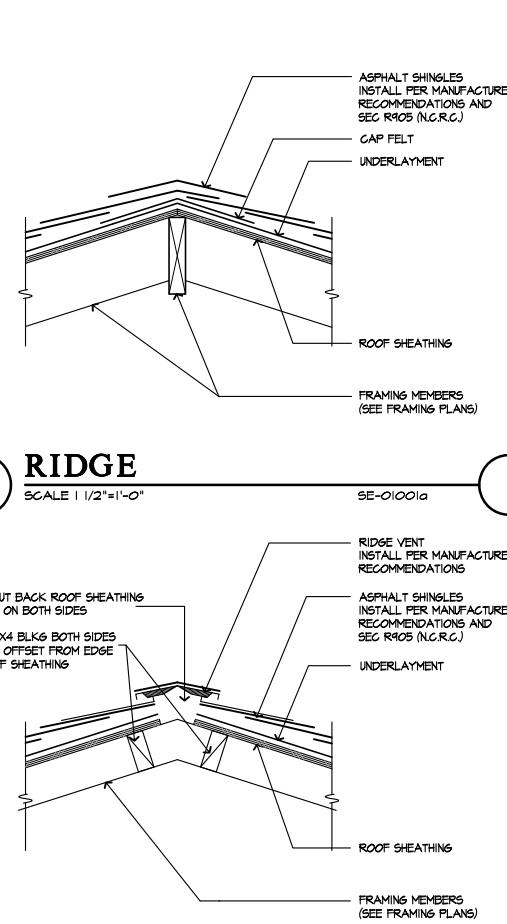


**EAVE @ METAL ROOF**

SCALE 1 1/2"=1'-0"

SE-05091a

5

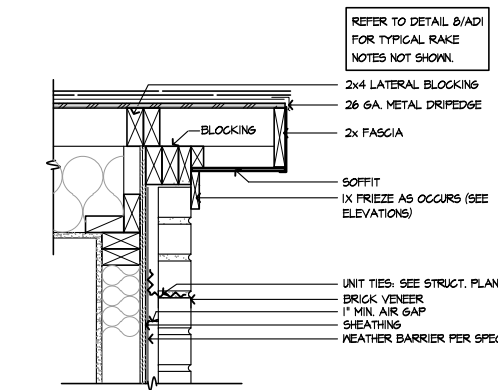


**RIDGE**

SCALE 1 1/2"=1'-0"

SE-01001a

1

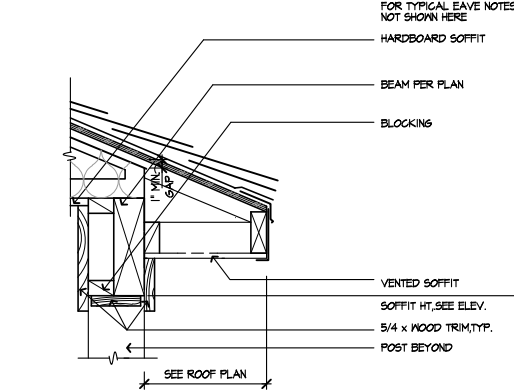


**RAKE - BRICK**

SCALE 1 1/2"=1'-0"

SE-01019b

19

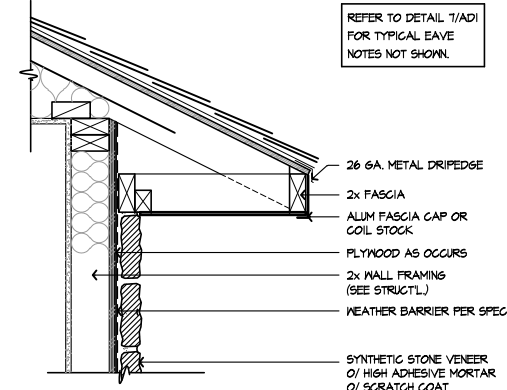


**PORCH EAVE**

SCALE 1 1/2"=1'-0"

EVPRCH

15

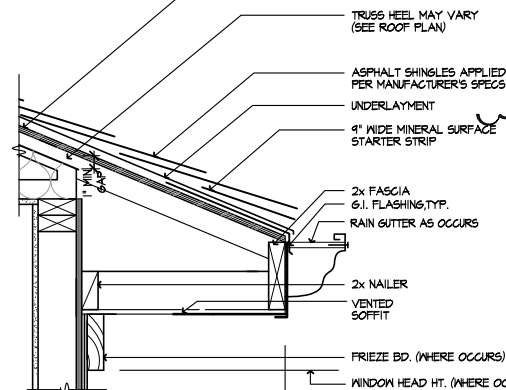


**EAVE - STONE**

SCALE 1 1/2"=1'-0"

SE-01011a

11

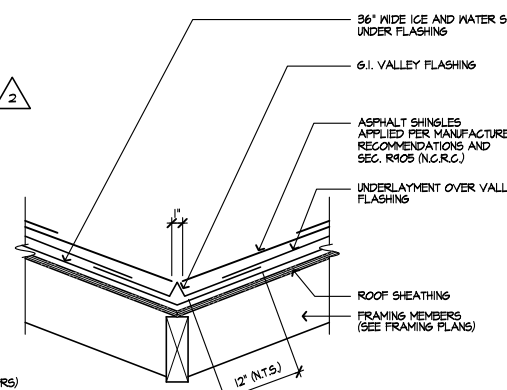


**EAVE**

SCALE 1 1/2"=1'-0"

07B2-13q

7

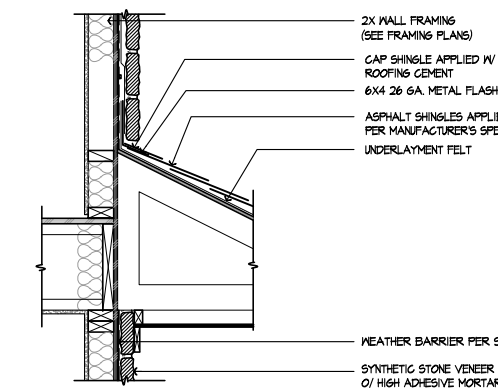


**VALLEY**

SCALE 1 1/2"=1'-0"

SE-01003a

3

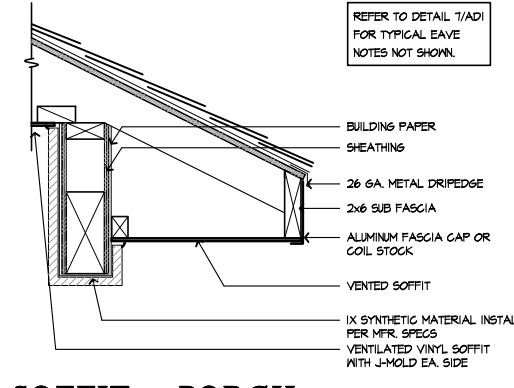


**STONE TO ROOF**

SCALE 1"=1'-0"

SE-01020a

20

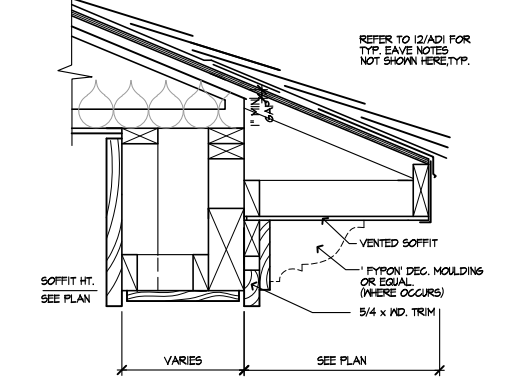


**SOFFIT @ PORCH - SYNTHETIC MATERIAL**

SCALE 1 1/2"=1'-0"

SE-01016b

16

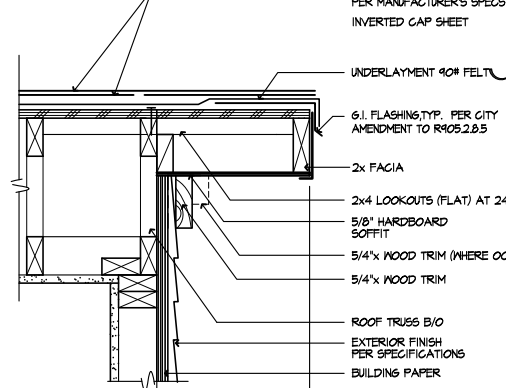


**EAVE AT PORCH**

SCALE 1 1/2"=1'-0"

EVPRCH2

12

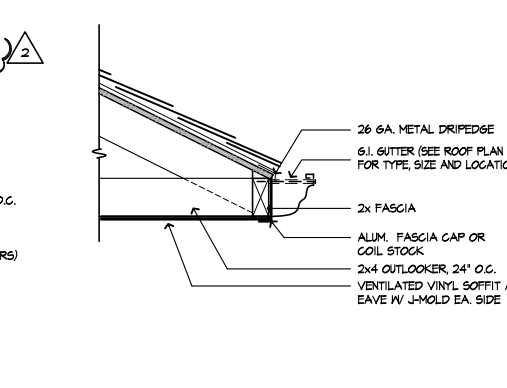


**RAKE**

SCALE 1 1/2"=1'-0"

07B2-04q

8



**TYPICAL EAVE GUTTER**

SCALE 1 1/2"=1'-0"

SE-01004a

4



**DETAILS**

**KB HOME**  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
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FAX: (919) 472-0582

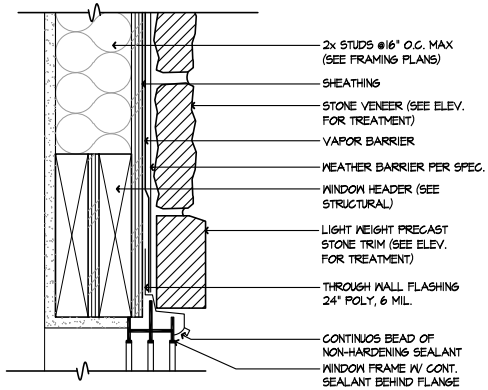
ISSUE DATE: 09/28/11  
PROJECT No.: 1350  
DIVISION MGR.: M.C.P.  
REVISIONS: 01/15/20

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NC12063 - 11/15/12 - DC3
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NC19015 - 01/24/19 - MCP
- 5 DETAIL UPDATE  
NC20001NCP - 01/15/20 - MCP

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1.	
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3.	
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5.	
6.	

PLAN: **ALL**  
SHEET: **AD1**

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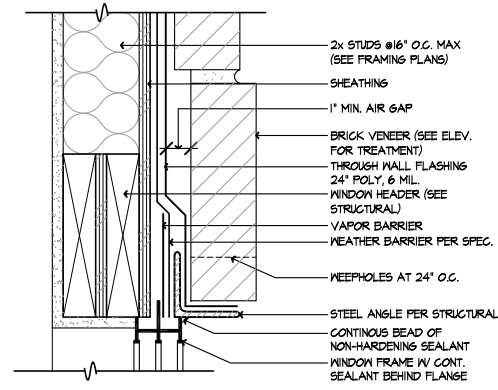


**WINDOW HEAD - STONE**

SCALE 3/8"=1'-0"

SE-02096a

37

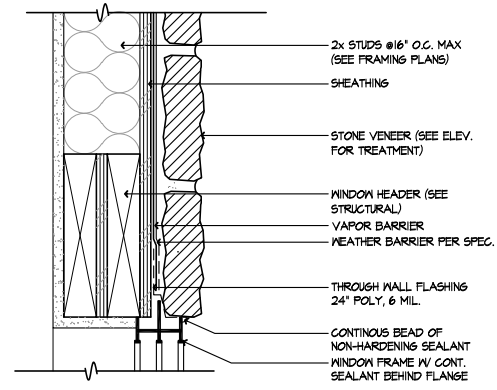


**WINDOW HEAD - BRICK**

SCALE 3/8"=1'-0"

SE-02096a

33

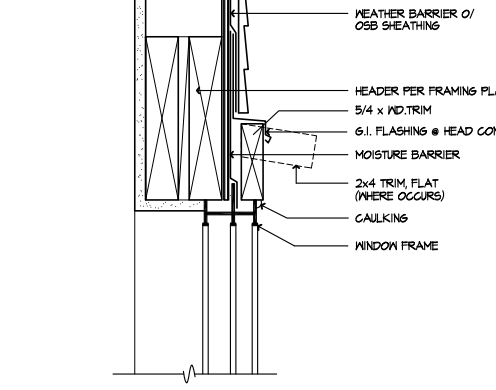


**WINDOW HEAD - STONE**

SCALE 3/8"=1'-0"

SE-02029a

29



**WINDOW HEAD**

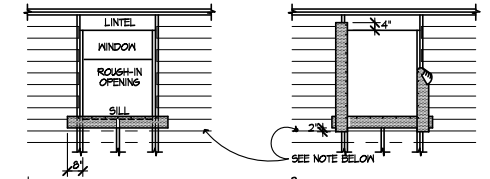
SCALE 3/8"=1'-0"

0850-01J

25

**WINDOW FLASHING**

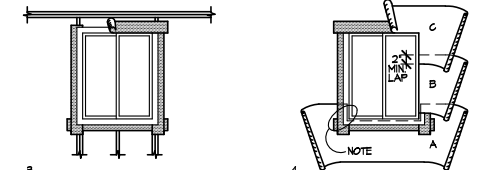
EXTERIOR OPENINGS EXPOSED TO THE WEATHER SHALL BE FLASHED IN SUCH A MANNER AS TO MAKE THEM WATERPROOF.



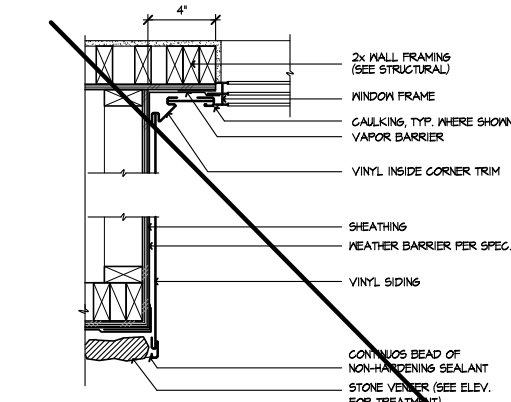
1. ATTACH SILL STRIP WITH TOP EDGE LEVEL WITH ROUGH SILL - EXTEND BEYOND EDGE OF ROUGH OPENING AT LEAST 6". SECURE ALL MOISTOP (OR EQUAL) WITH GALVANIZED NAILS OR POWER-DRIVEN STAPLES.
2. ATTACH JAMB STRIP WITH SIDE EDGE EVEN WITH ROUGH-JAMB FRAMING. START STRIP 1" BELOW LOWER EDGE OF SILL STRIP AND EXTEND 4" ABOVE LOWER EDGE OF LINTEL OR POWER-DRIVEN STAPLES.

NOTE: LINE-WIRE, WHEN USED AS BACKING TO SUPPORT BUILDING PAPER BENEATH WIRE LATH (NETTING) FOR PORTLAND CEMENT PLASTER (STUCCO), SHALL BE INSTALLED AS FOLLOWS:

1. WIRE GAUGE, SPACING, AND ATTACHMENT SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF BUILDING DEPT. ITEMS 25-1.
2. PERIPHERAL FLASHINGS AT ALL EDGES OF WALL OPENINGS, MUST COVER THE WIRE BACKING.
3. NO ATTACHMENT DEVICES NOR THE WIRE BACKING SHALL COVER OR PENETRATE THE FLASHING MATERIAL.



3. INSTALL WINDOW JAMB NAILING FLANGES OVER A CONTINUOUS BEAD OF SEALANT ON THE MOISTOP (OR EQUAL). INSTALL THE WINDOW HEAD MOISTOP (OR EQUAL) ON A CONTINUOUS BEAD OF SEALANT APPLIED TO THE WINDOW HEAD NAILING FLANGE.
4. COMMENCING AT THE BOTTOM (SOLE PLATE) OF THE WALL, LAY BUILDING PAPER UNDER SILL STRIP. NOTE: CUT ANY EXCESS BUILDING PAPER THAT MAY EXTEND ABOVE THE SILL FLANGE LINE ON EACH SIDE OF (SHOWN AS SHORT DASHED LINES). DO NOT SLICE BUILDING PAPER HORIZONTALLY, SO THAT THE PAPER WILL LAP OVER THE JAMB STRIPS. INSTALL SUCCESSIVE LINES OF BUILDING PAPER (5/8" ETC.) OVER JAMB AND HEAD FLANGES, LAPPING EACH COURSE.

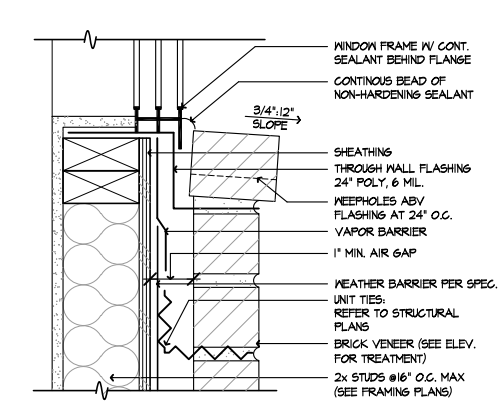


**RECESSED WINDOW JAMB - STONE**

SCALE 1/2"=1'-0"

SE-02098a

38

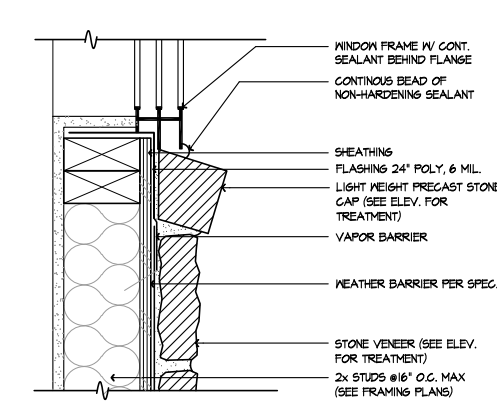


**WINDOW SILL - BRICK**

SCALE 3/8"=1'-0"

SE-02094a

34

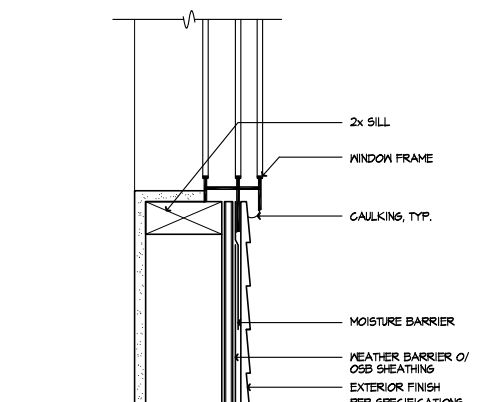


**WINDOW SILL - STONE**

SCALE 3/8"=1'-0"

SE-02090a

30



**WINDOW SILL**

SCALE 3/8"=1'-0"

0850-111

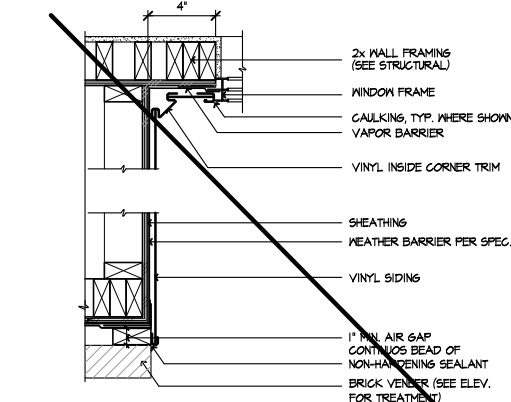
26

**VAPOR BARRIER**

SCALE 1/4"=1'-0"

SE-02022a

22

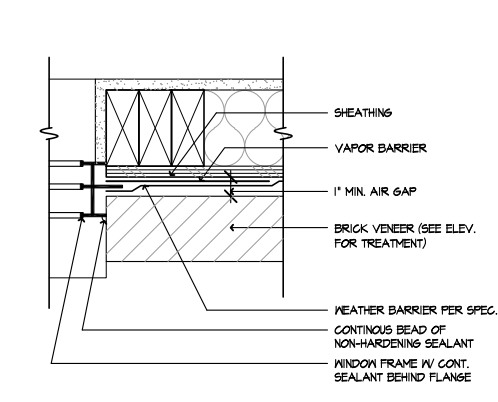


**RECESSED WINDOW JAMB - BRICK**

SCALE 1/2"=1'-0"

SE-02099a

39

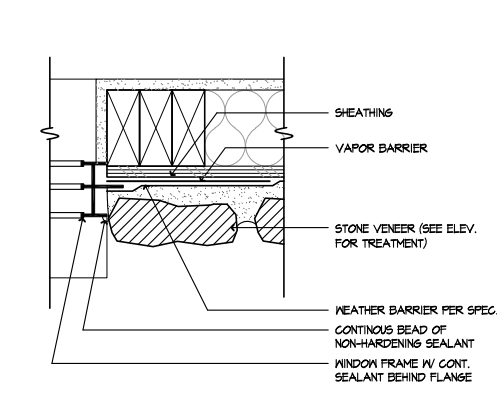


**WINDOW JAMB - BRICK**

SCALE 3/8"=1'-0"

SE-02095a

35

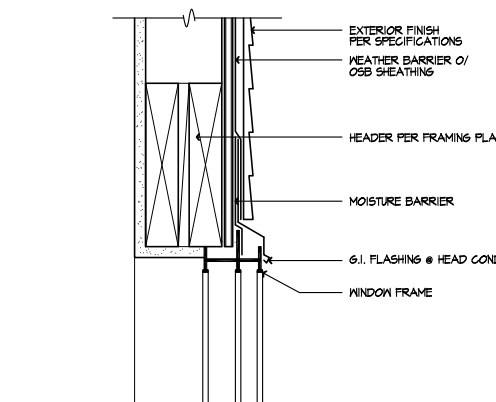


**WINDOW JAMB - STONE**

SCALE 3/8"=1'-0"

SE-02091a

31



**WINDOW HEAD**

SCALE 3/8"=1'-0"

0850-15

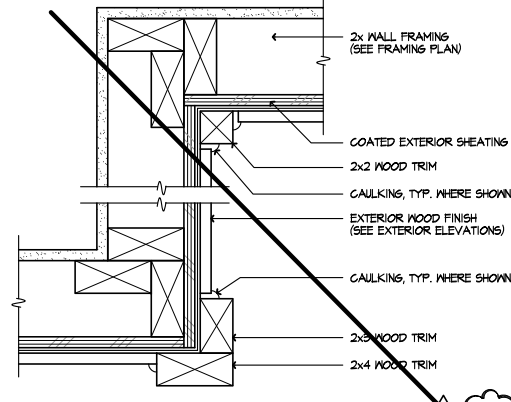
27

**WINDOW JAMB**

SCALE 3/8"=1'-0"

0850-02s

23

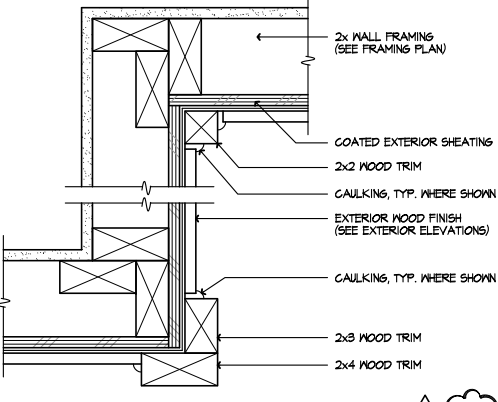


**SIDING - CORNER. TRIM**

SCALE 3/8"=1'-0"

0746-02

40

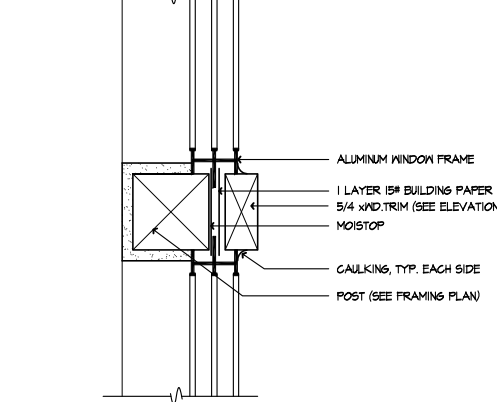


**SIDING - CORNER. TRIM**

SCALE 3/8"=1'-0"

0746-02

36

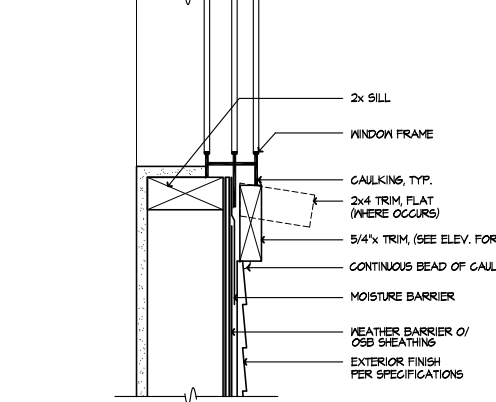


**VERT. WINDOW MULL.**

SCALE 3/8"=1'-0"

0850-04a

32



**WINDOW SILL**

SCALE 3/8"=1'-0"

0850-02s

28

**WINDOW JAMB**

SCALE 3/8"=1'-0"

0850-02s

24



**DETAILS**

KB HOME  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
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ISSUE DATE: 09/28/11  
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REVISIONS: 01/15/20

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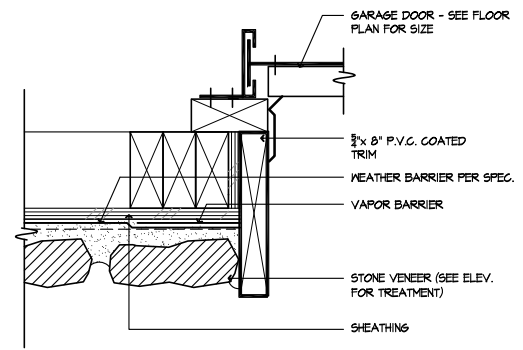
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REVISIONS	DATE
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PLAN: ALL  
SHEET: AD2

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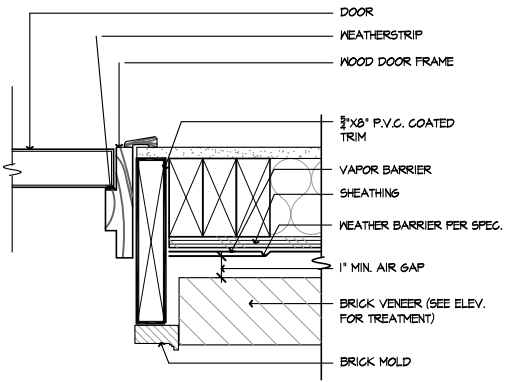
**GARAGE DOOR HEAD - STONE**

SCALE 1 1/2"=1'-0" SE-03057b



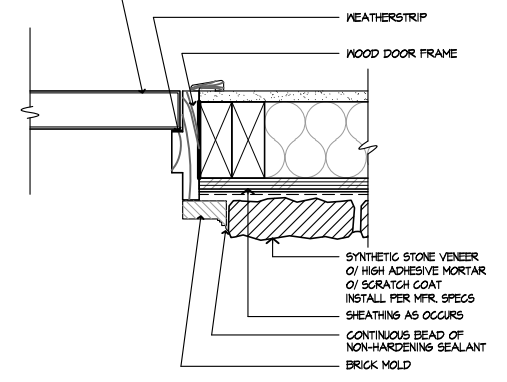
**DOOR HEAD - BRICK**

SCALE 3\"/>



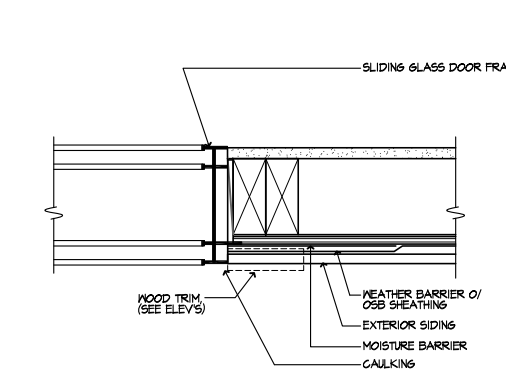
**DOOR HEAD - STONE**

SCALE 3\"/>



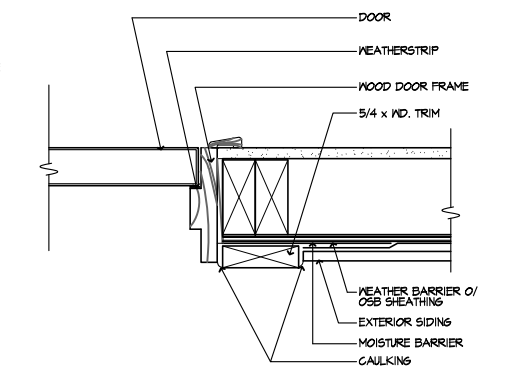
**SLIDING DR. HEAD**

SCALE 3\"/>



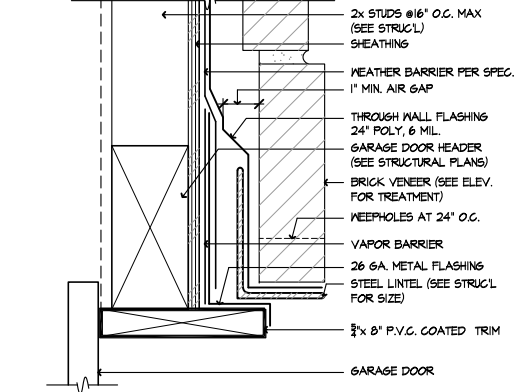
**DOOR HEAD**

SCALE 3\"/>



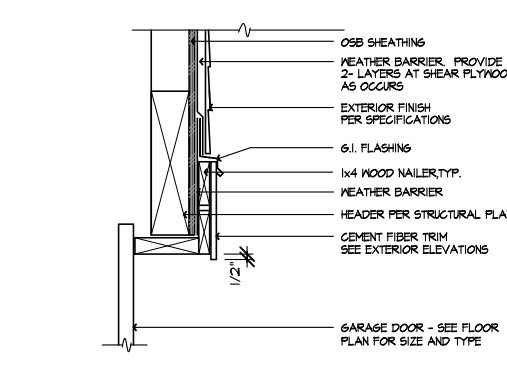
**GARAGE DOOR JAMB - STONE**

SCALE 3\"/>



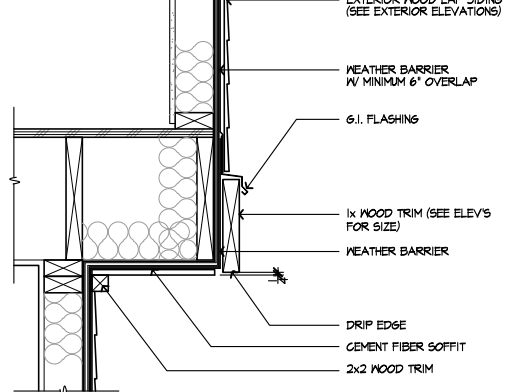
**DOOR JAMB - BRICK**

SCALE 3\"/>



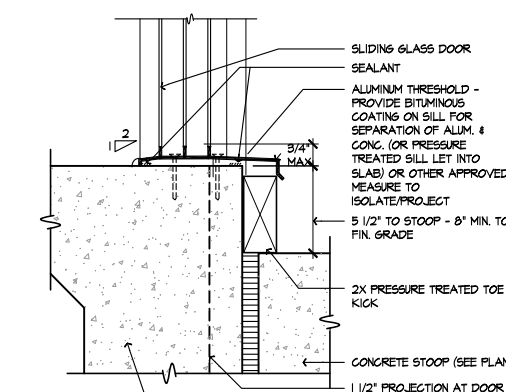
**DOOR JAMB - STONE**

SCALE 3\"/>



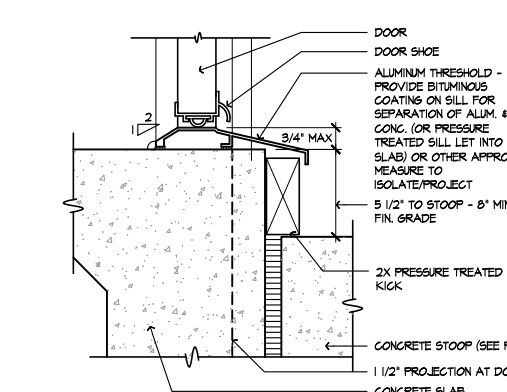
**SLIDING DOOR JAMB**

SCALE 3\"/>



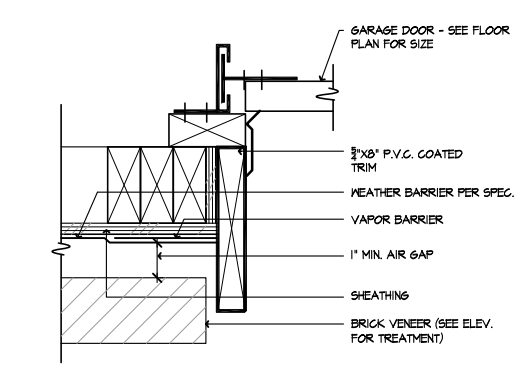
**DOOR JAMB**

SCALE 3\"/>



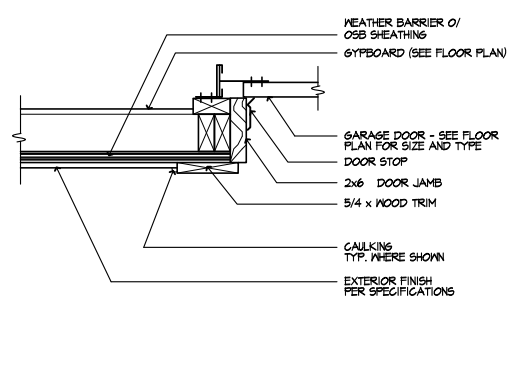
**GARAGE DOOR HEAD - BRICK**

SCALE 3\"/>



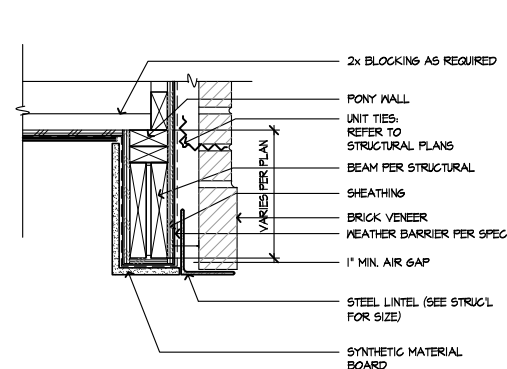
**GARAGE DOOR HEAD**

SCALE 1 1/2\"/>



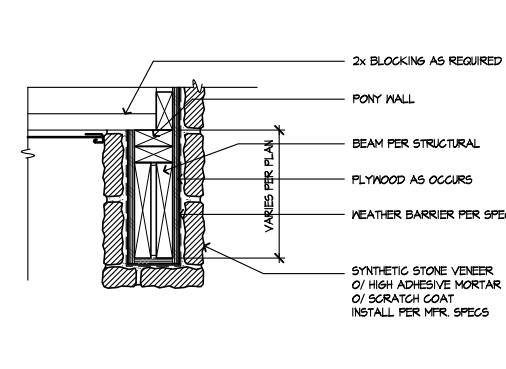
**TRIM @ CANTILEVER**

SCALE 1 1/2\"/>



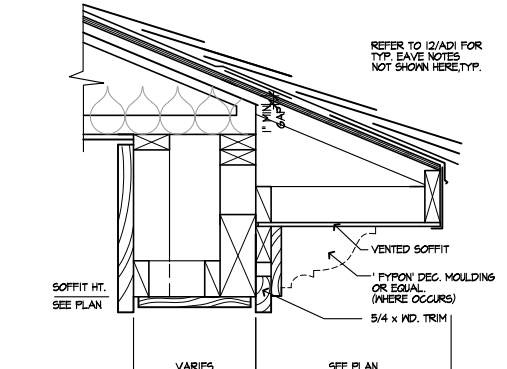
**SLDg. DOOR THRESHOLD**

SCALE 3\"/>



**SWING DOOR THRESHOLD**

SCALE 3\"/>



**GARAGE DOOR JAMB - BRICK**

SCALE 3\"/>



**GARAGE DOOR JAMB**

SCALE 1 1/2\"/>



**SOFFIT @ PORCH - BRICK**

SCALE 1 1/2\"/>



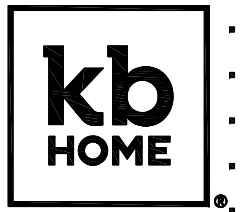
**SOFFIT @ PORCH - STONE**

SCALE 1 1/2\"/>



**EAVE AT PORCH**

SCALE 1 1/2\"/>



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NC15053 - 11/15 - DC3
- 4 2018 NC CODE UPDATE  
NC19015 - 01/24/19 - MCP
- 5 DETAIL UPDATE  
NC20001MCP - 01/15/20 - MCP

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6.	

PLAN: **ALL**  
SHEET: **AD3**

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# DETAILS

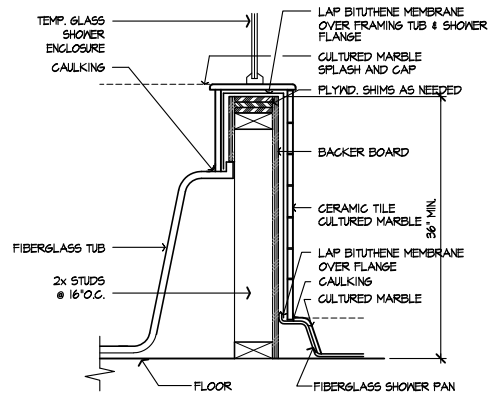
KB HOME  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582

ISSUE DATE: 09/28/11  
PROJECT No.: 1350  
DIVISION MGR.: M.C.P.  
REVISIONS: 01/15/20

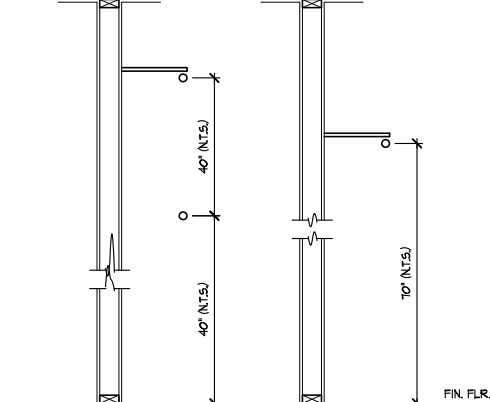
- 1 COMPLIANCE REVIEW  
NC12008 - 02/28/12 - CTD
- 2 2012 NC CODE UPDATE  
NC12016 - 03/22/12 - CTD
- 3 DETAIL UPDATES  
NC12063 - 11/15 - DC3
- 4 2018 NC CODE UPDATE  
NC19015 - 01/24/19 - MCP
- 5 DETAIL UPDATE  
NC20001NCP - 01/15/20 - MCP

FOR INTERNAL USE ONLY	
REVISION	DATE
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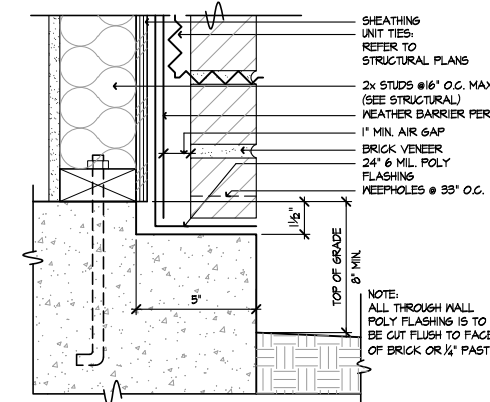
PLAN: **ALL**  
SHEET: **AD4**



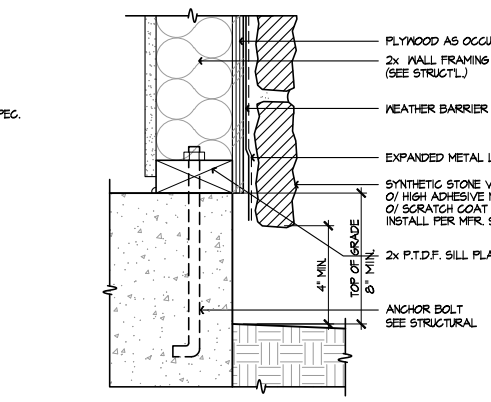
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SCALE 1 1/2"=1'-0"  
SE-04071a



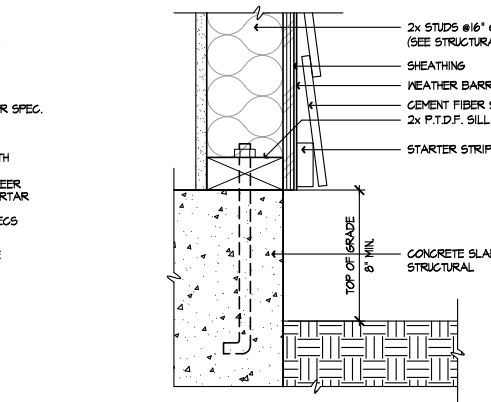
**DBL./SGL. POLE & SHELF**  
SCALE 3/4"=1'-0"  
SE-04073a



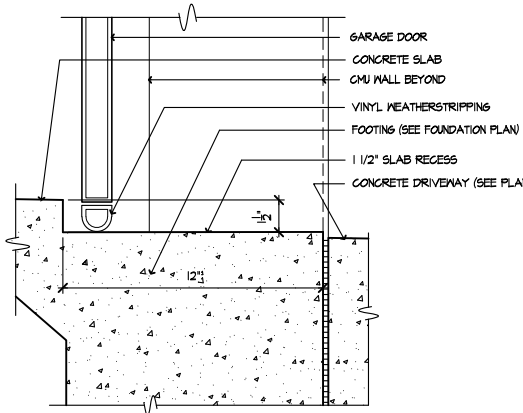
**BRICK LEDGE AT SLAB**  
SCALE 3"=1'-0"  
SE-04069a



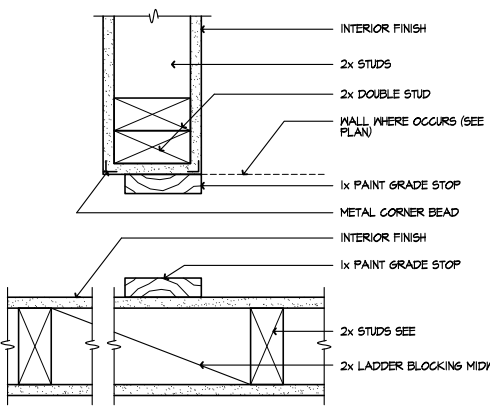
**SYN. STONE SCREED**  
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SE-04065a



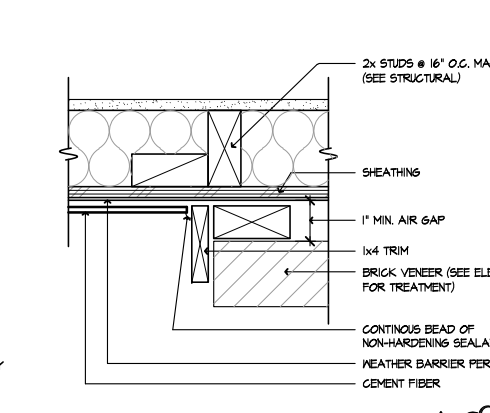
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SCALE 3"=1'-0"  
SE-04061a



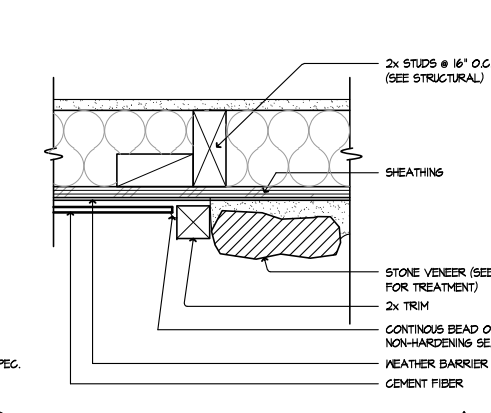
**GARAGE SLAB RECESS**  
SCALE 1 1/2"=1'-0"  
0810-01



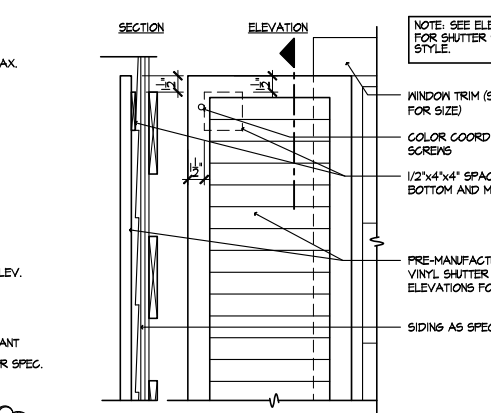
**WARDROBE DOOR JAMB**  
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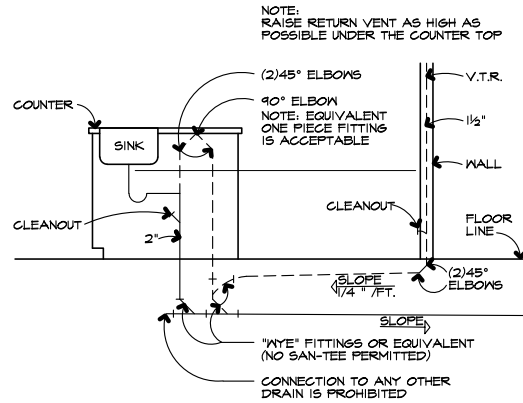
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SCALE 3"=1'-0"  
SE-04070a



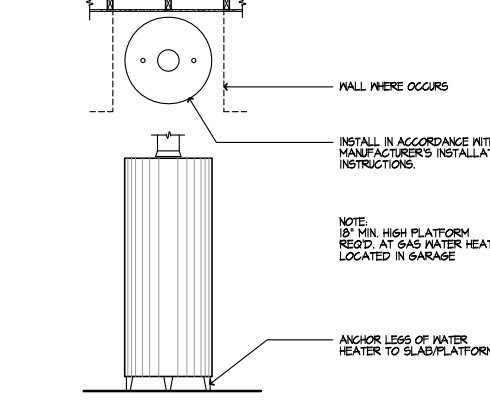
**SIDING TO STONE**  
SCALE 3"=1'-0"  
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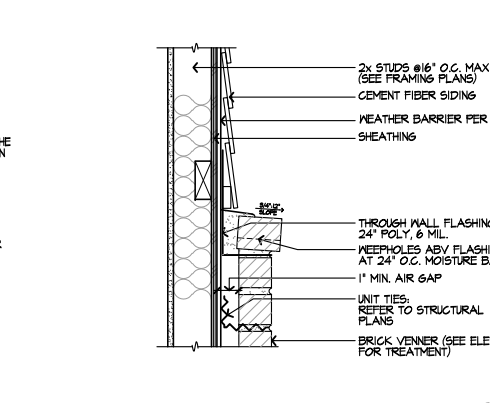
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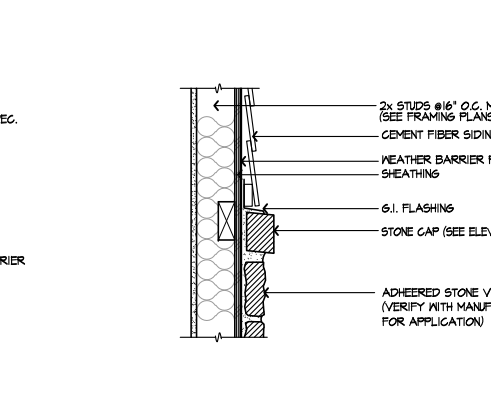
**KITCHEN ISLAND**  
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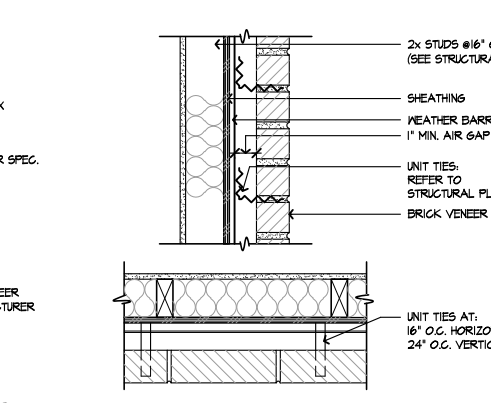
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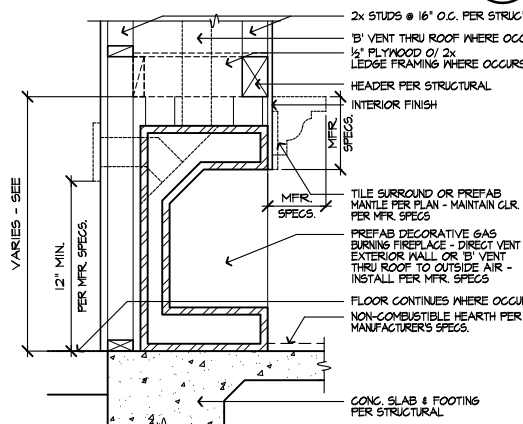
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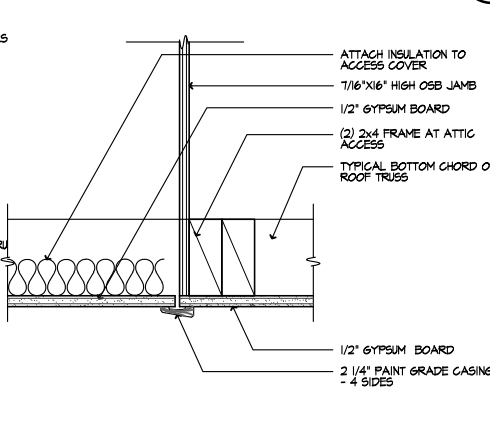
**STONE CAP @ SIDING**  
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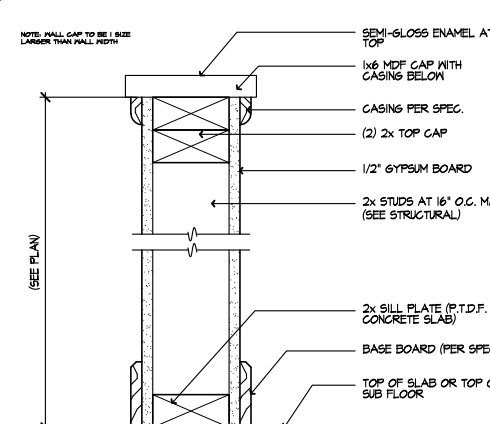
**BRICK TIES**  
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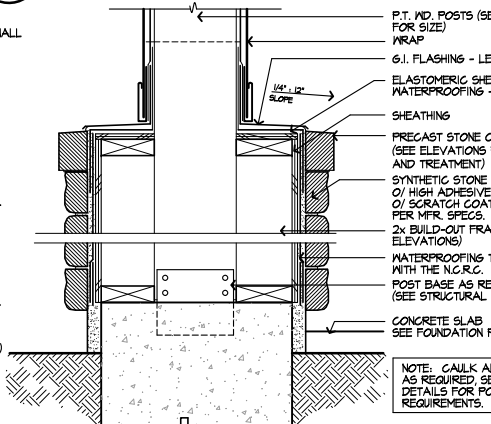
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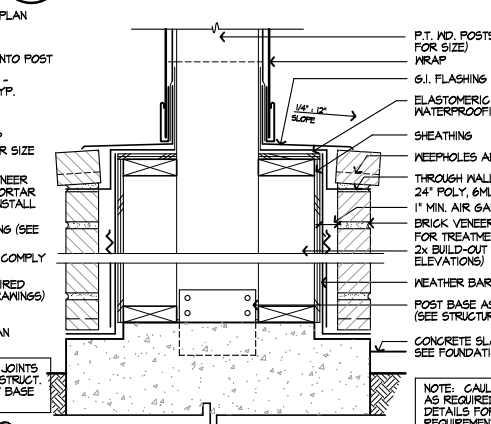
**ATTIC ACCESS**  
SCALE 3"=1'-0"  
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**PONY WALL**  
SCALE 3"=1'-0"  
SE-04072a



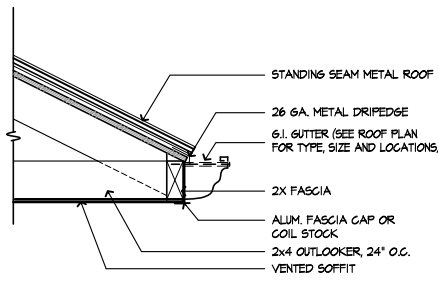
**COLUMN BASE W/ STONE**  
SCALE 1 1/2"=1'-0"  
SE-04068a



**COLUMN BASE W/ BRICK**  
SCALE 1 1/2"=1'-0"  
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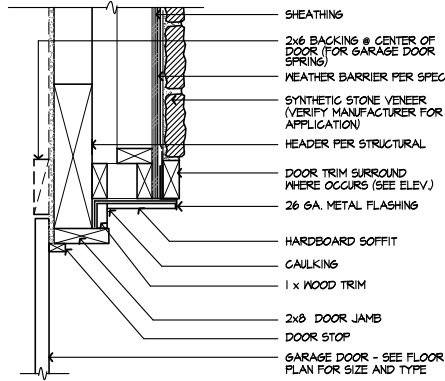


**EAVE @ METAL ROOF**

SCALE 1/2"=1'-0"

SE-05041a

97

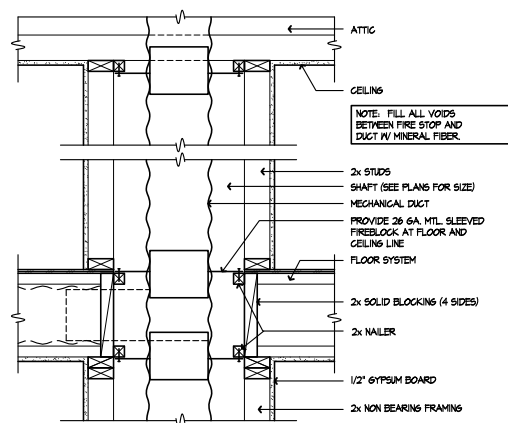


**GARAGE DOOR HEAD - STONE**

SCALE 1/2"=1'-0"

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93

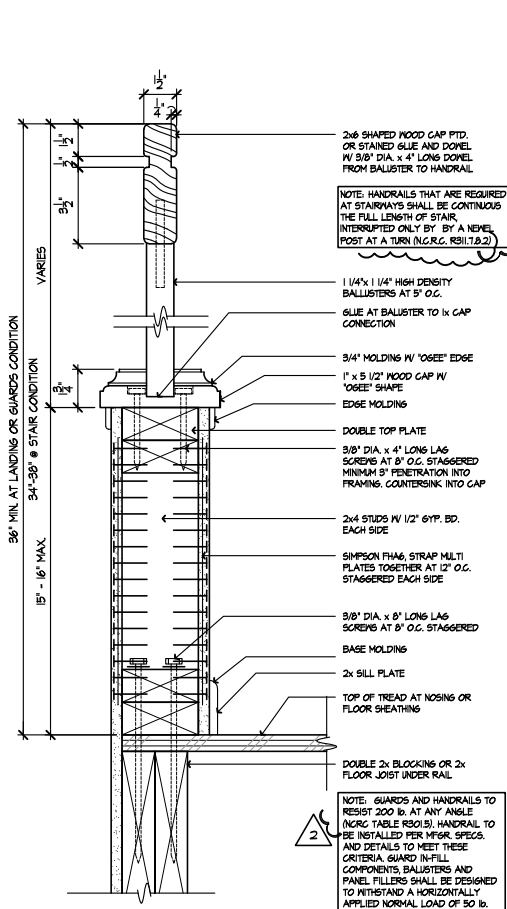


**TYP. SHAFT AT 2nd FLR.**

SCALE 1"=1'-0"

SE-05044a

89

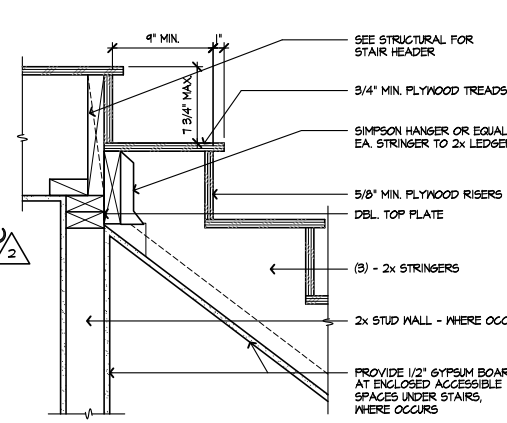


**GUARDRAIL**

SCALE 3/4"=1'-0"

SE-05086a

86

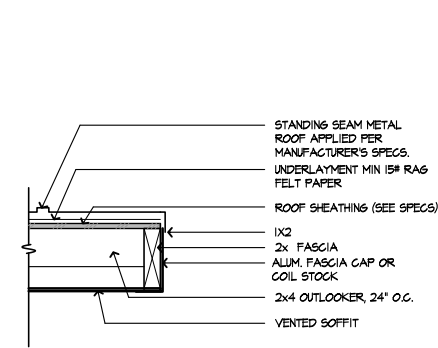


**STAIR AT LANDING**

SCALE 1/2"=1'-0"

SE-05091a

81

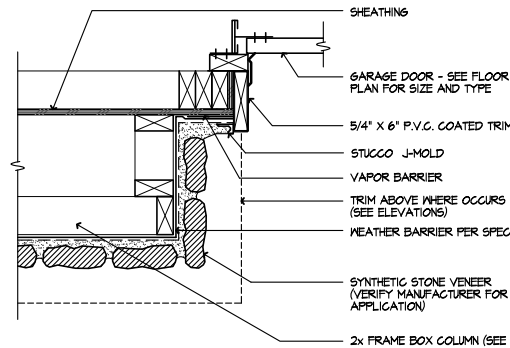


**RAKE @ METAL ROOF**

SCALE 1/2"=1'-0"

SE-05048a

98

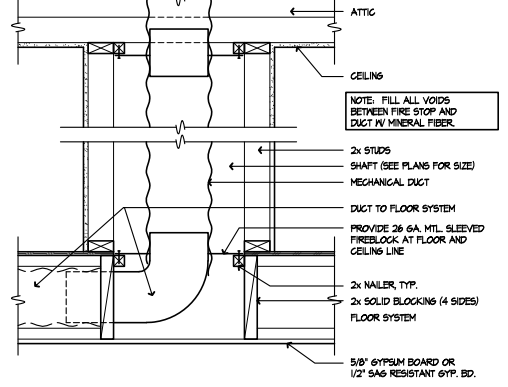


**GARAGE DOOR JAMB - STONE**

SCALE 1/2"=1'-0"

SE-05049a

94



**TYP. SHAFT AT 2nd FLR.**

SCALE 1"=1'-0"

SE-05049a

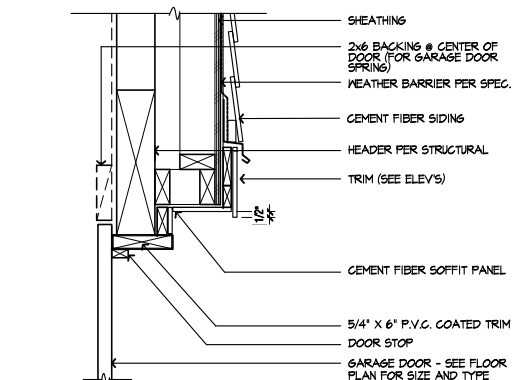
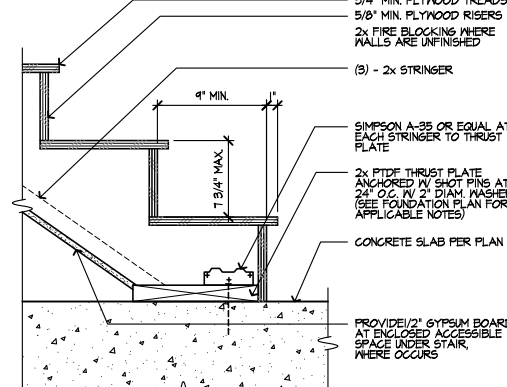
90

**STAIR AT CONC. FLOOR**

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SE-05082a

82

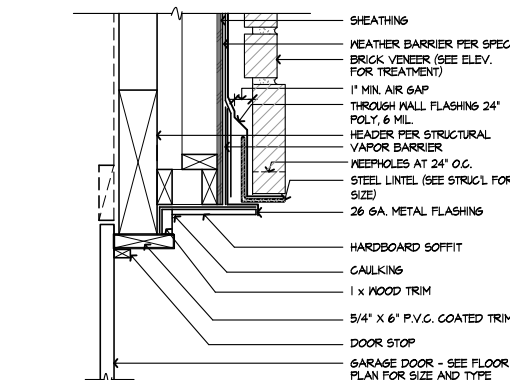


**GARAGE DOOR HEAD - BRICK**

SCALE 1/2"=1'-0"

SE-05049a

99

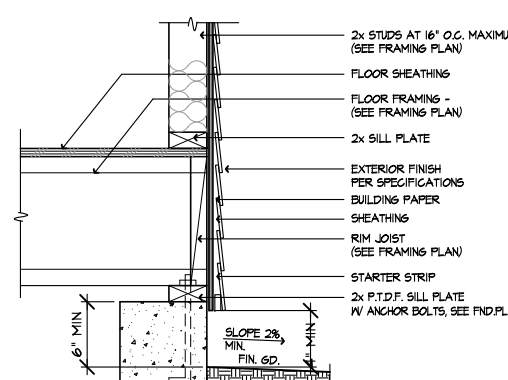


**GARAGE DOOR JAMB - BRICK**

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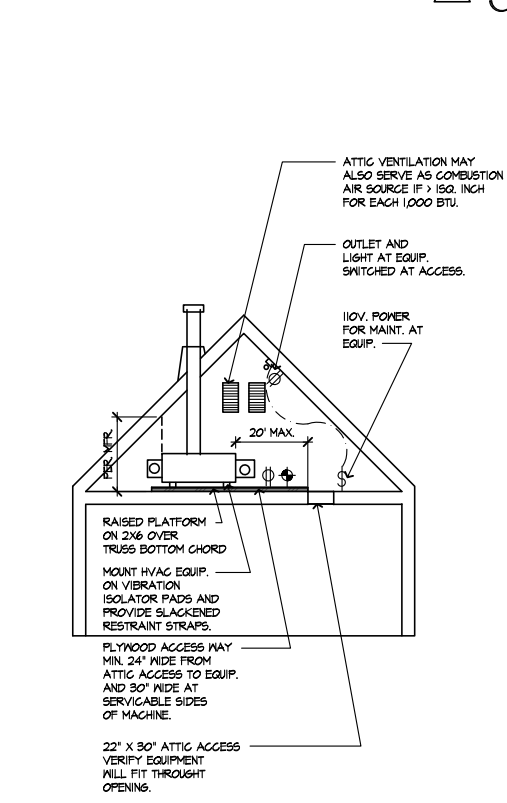


**SIDING AT RAISED FLOOR**

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AD5-91B

91

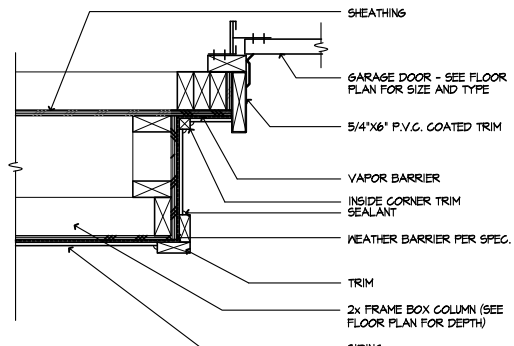


**F.A.U. IN ATTIC**

SCALE 1/2"=1'-0"

SE-05088a

88

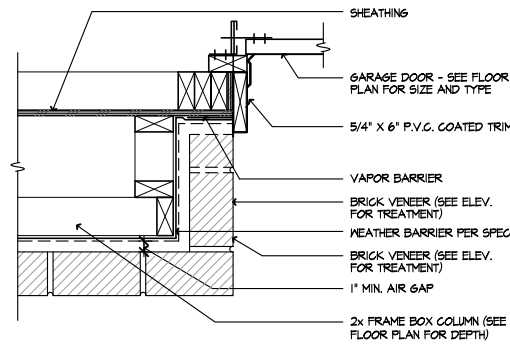


**GARAGE DOOR JAMB - BRICK**

SCALE 1/2"=1'-0"

SE-05100a

100

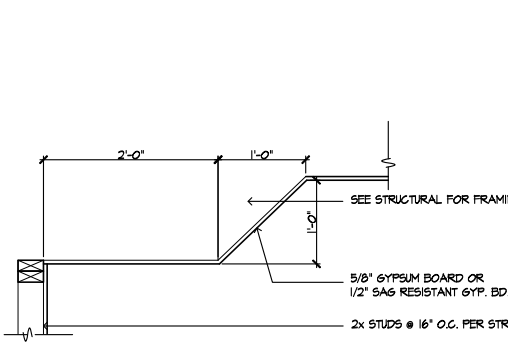


**GARAGE DOOR HEAD - BRICK**

SCALE 1/2"=1'-0"

SE-05046a

96

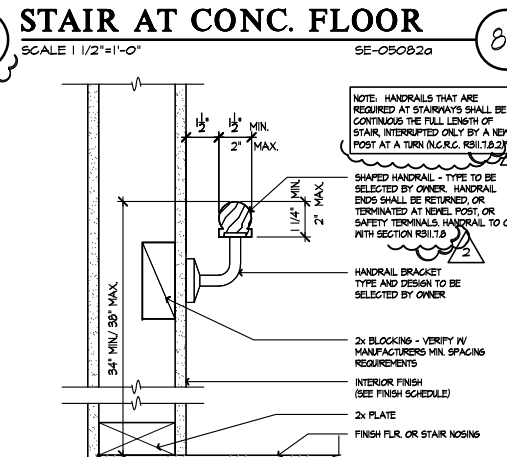


**TRAY CEILING**

SCALE 1"=1'-0"

SE-05092a

92

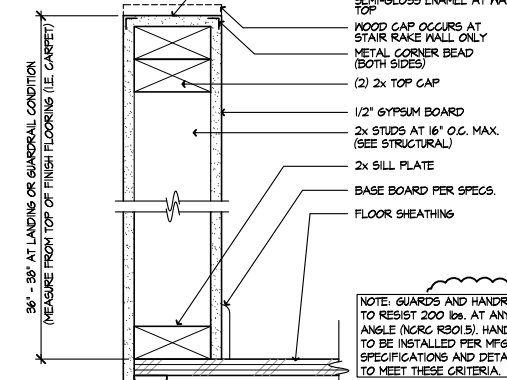


**HANDRAIL AT WALL**

SCALE 3/4"=1'-0"

SE-05083a

83



**GUARDWALL**

SCALE 3/4"=1'-0"

SE-05084a

84



**DETAILS**

KB HOME NORTH CAROLINA DIVISION

4518 S. MIAMI BLVD. SUITE 180 DURHAM, NC 27703 TEL: (919) 768-7988 FAX: (919) 472-0582

ISSUE DATE: 09/28/11  
PROJECT No.: 1350  
DIVISION MGR.: M.C.P.  
REVISIONS: 01/15/20

- 1 COMPLIANCE REVIEW NC12006 - 02/28/12 - CTD
- 2 2012 NC CODE UPDATE NC12016 - 03/22/12 - CTD
- 3 DETAIL UPDATES NC15933 - 11/13/13 - DCS
- 4 2018 NC CODE UPDATE NC19013 - 01/24/19 - MCP
- 5 DETAIL UPDATE NC20001NCP - 01/15/20 - MCP

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PLAN: ALL  
SHEET: AD5



# DETAILS

KB HOME  
NORTH CAROLINA DIVISION

4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
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1 COMPLIANCE REVIEW  
NC12008 - 02/28/12 - CTD

2 2012 NC CODE UPDATE  
NC12016 - 03/22/12 - CTD

3 DETAIL UPDATES  
NC15033 - 11/13 - DCS

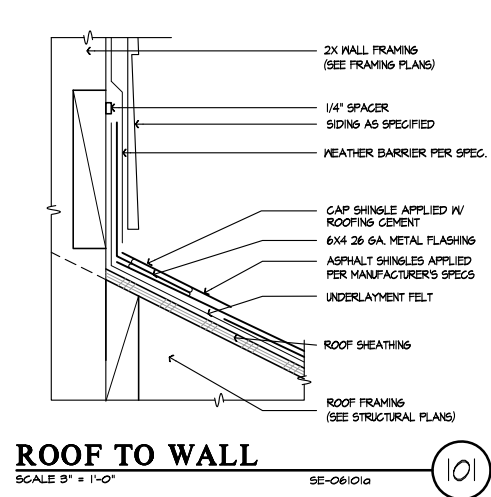
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NC19015 - 01/24/19 - MCP

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NC20001NCF - 01/15/20 - MCP

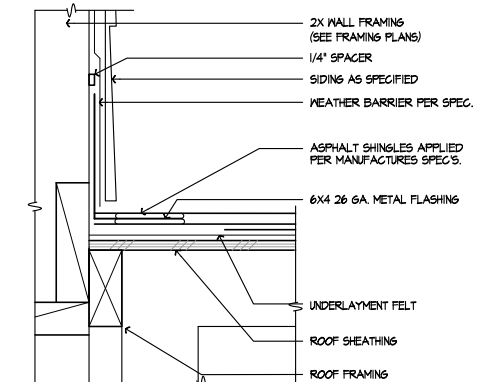
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REVISION BY:	
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PLAN: ALL

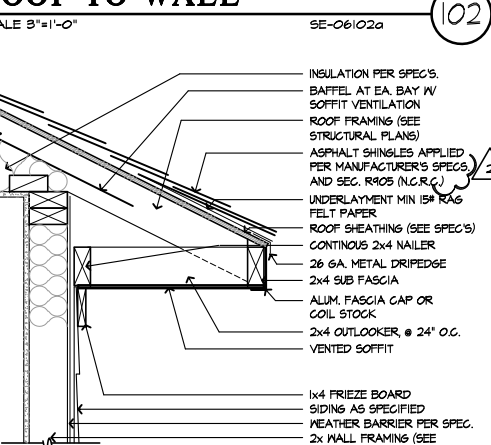
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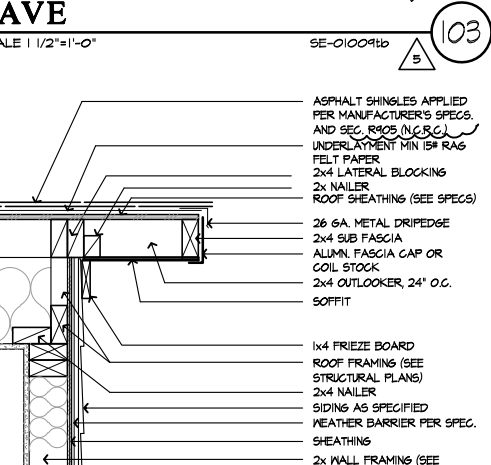
101 ROOF TO WALL SCALE 3"=1'-0" SE-06101a



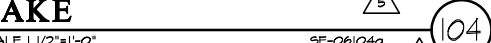
102 ROOF TO WALL SCALE 3"=1'-0" SE-06102a



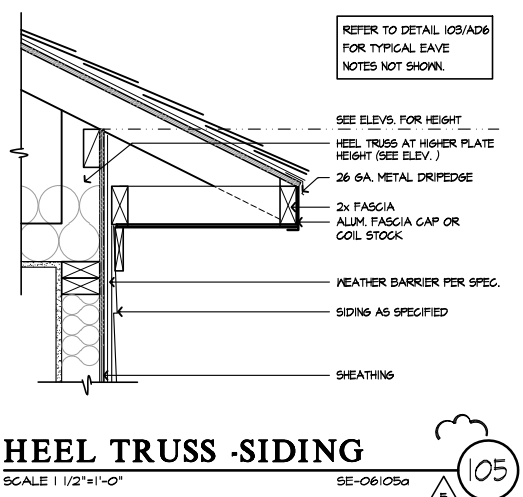
103 EAVE SCALE 1/2"=1'-0" SE-010091b



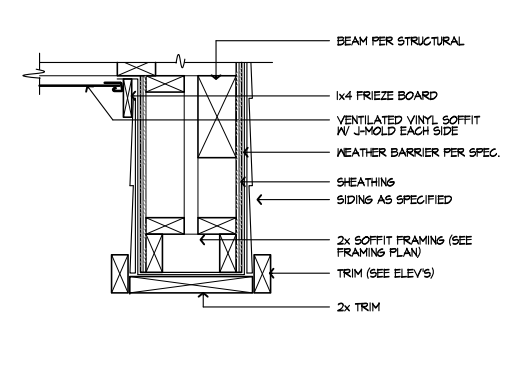
108 SIDING TO BRICK SCALE 3"=1'-0" SE-06108a



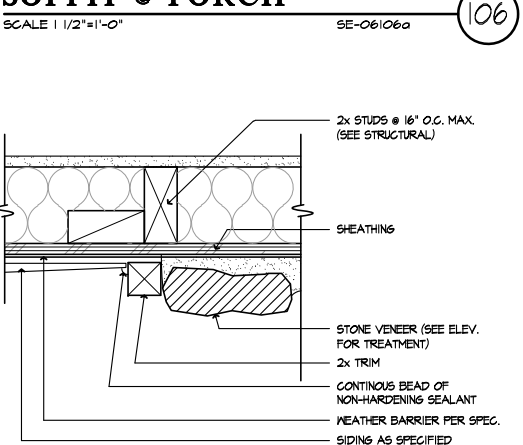
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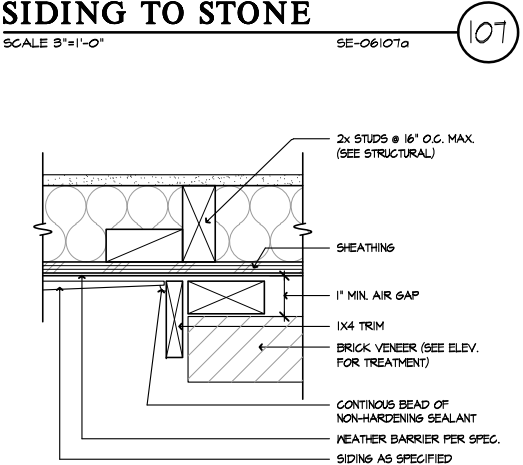
105 HEEL TRUSS -SIDING SCALE 1/2"=1'-0" SE-06105a



106 SOFFIT @ PORCH SCALE 1/2"=1'-0" SE-06106a



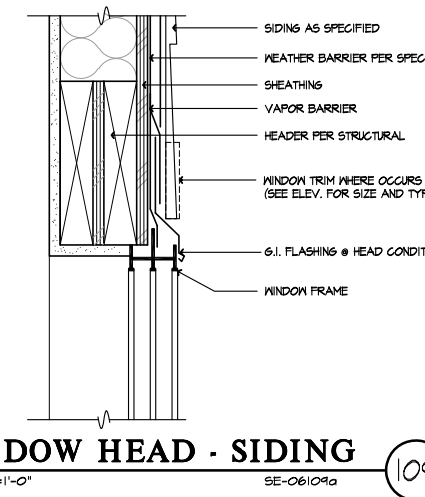
107 SIDING TO STONE SCALE 3"=1'-0" SE-06107a



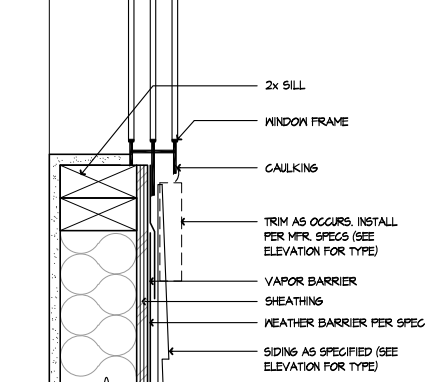
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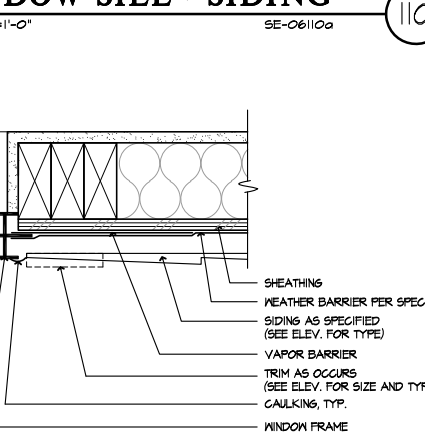
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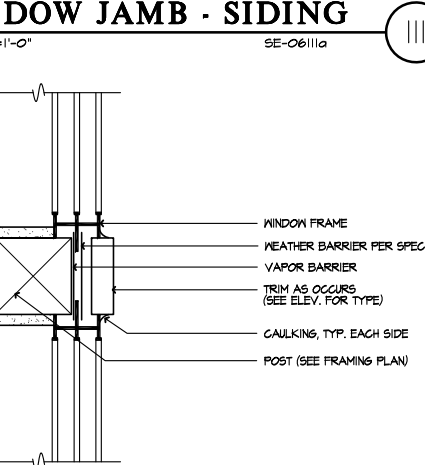
109 WINDOW HEAD - SIDING SCALE 3"=1'-0" SE-06109a



110 WINDOW SILL - SIDING SCALE 3"=1'-0" SE-06110a



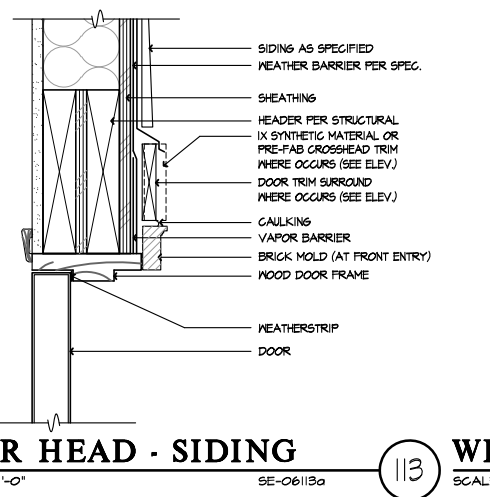
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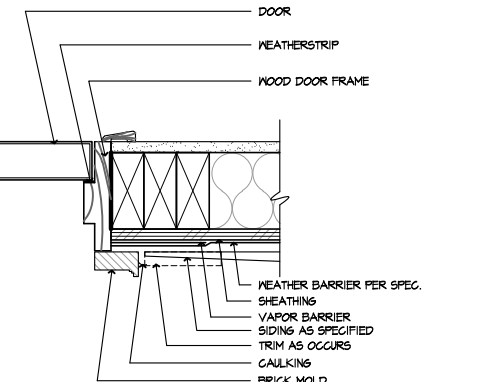
112 VERT. WDW. MULL.-SIDING SCALE 3"=1'-0" SE-06112a



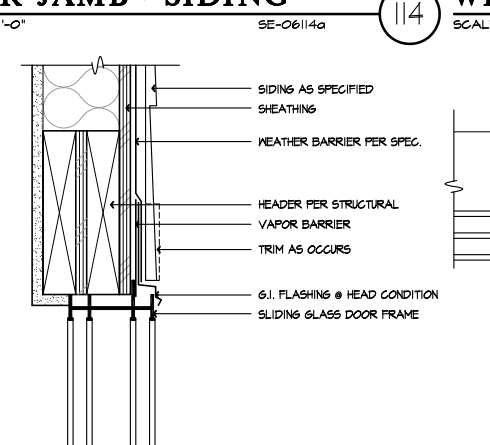
108 SIDING TO BRICK SCALE 3"=1'-0" SE-06108a



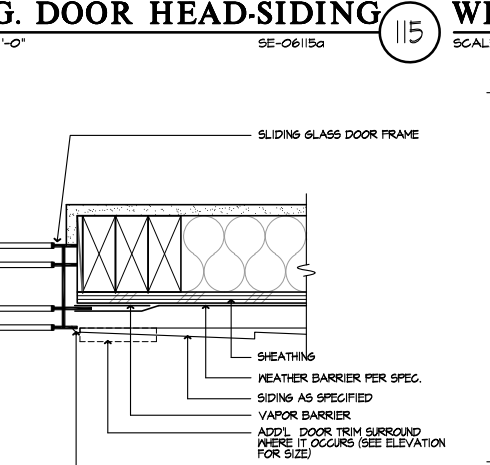
113 DOOR HEAD - SIDING SCALE 3"=1'-0" SE-06113a



114 DOOR JAMB - SIDING SCALE 3"=1'-0" SE-06114a



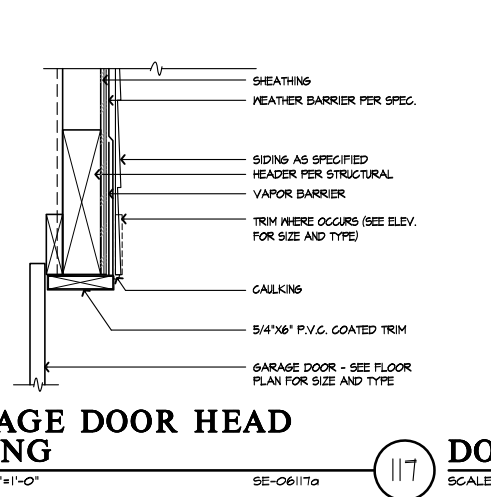
115 SLDG. DOOR HEAD-SIDING SCALE 3"=1'-0" SE-06115a



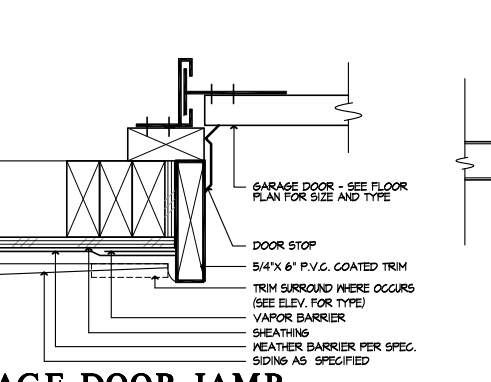
116 SLDG. DOOR JAMB-SIDING SCALE 3"=1'-0" SE-06116a



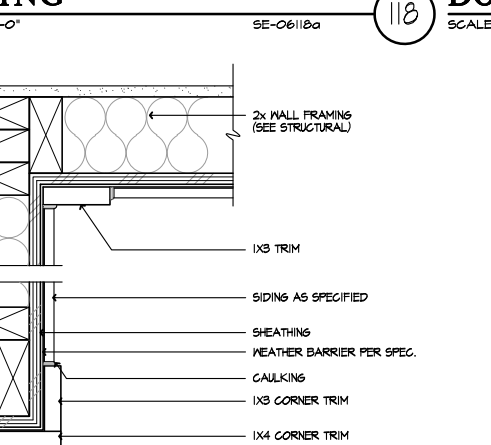
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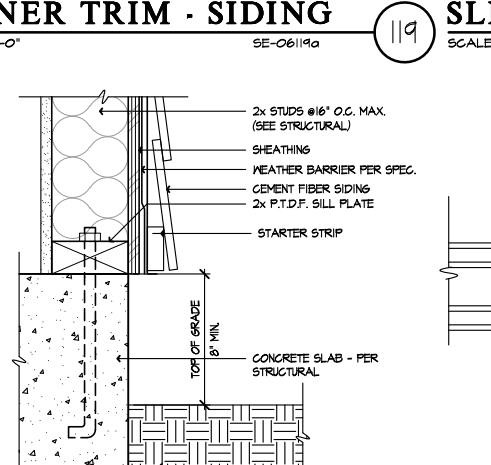
117 GARAGE DOOR HEAD -SIDING SCALE 1/2"=1'-0" SE-06117a



118 GARAGE DOOR JAMB - SIDING SCALE 3"=1'-0" SE-06118a



119 CORNER TRIM - SIDING SCALE 3"=1'-0" SE-06119a



120 SIDING AT SLAB SCALE 3"=1'-0" SE-06120a



108 SIDING TO BRICK SCALE 3"=1'-0" SE-06108a

## GARAGE DOOR HEAD -SIDING

SCALE 1/2"=1'-0" SE-06117a

## DOOR HEAD - SIDING

SCALE 3"=1'-0" SE-06113a

## WINDOW HEAD - SIDING

SCALE 3"=1'-0" SE-06109a

## HEEL TRUSS -SIDING

SCALE 1/2"=1'-0" SE-06105a

## ROOF TO WALL

SCALE 3"=1'-0" SE-06101a

## GARAGE DOOR JAMB - SIDING

SCALE 3"=1'-0" SE-06118a

## DOOR JAMB - SIDING

SCALE 3"=1'-0" SE-06114a

## WINDOW SILL - SIDING

SCALE 3"=1'-0" SE-06110a

## SOFFIT @ PORCH

SCALE 1/2"=1'-0" SE-06106a

## ROOF TO WALL

SCALE 3"=1'-0" SE-06102a

## CORNER TRIM - SIDING

SCALE 3"=1'-0" SE-06119a

## SLDG. DOOR HEAD-SIDING

SCALE 3"=1'-0" SE-06115a

## WINDOW JAMB - SIDING

SCALE 3"=1'-0" SE-06111a

## SIDING TO STONE

SCALE 3"=1'-0" SE-06107a

## EAVE

SCALE 1/2"=1'-0" SE-010091b

## SIDING AT SLAB

SCALE 3"=1'-0" SE-06120a

## SLDG. DOOR JAMB-SIDING

SCALE 3"=1'-0" SE-06116a

## VERT. WDW. MULL.-SIDING

SCALE 3"=1'-0" SE-06112a

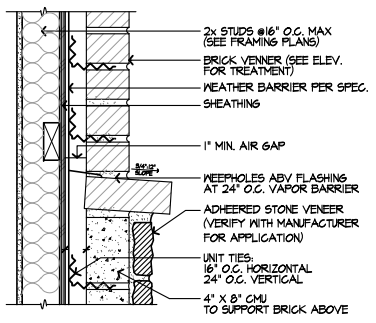
## SIDING TO BRICK

SCALE 3"=1'-0" SE-06108a

## RAKE

SCALE 1/2"=1'-0" SE-06104a

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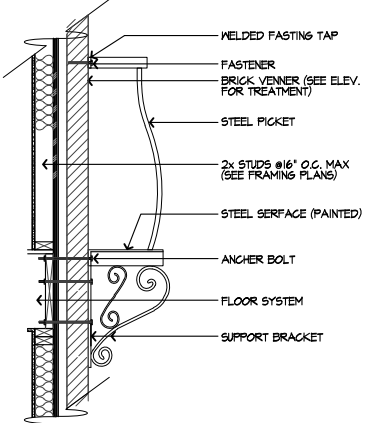


**BRICK OVER STONE**

129  
AD7

**RAILING**

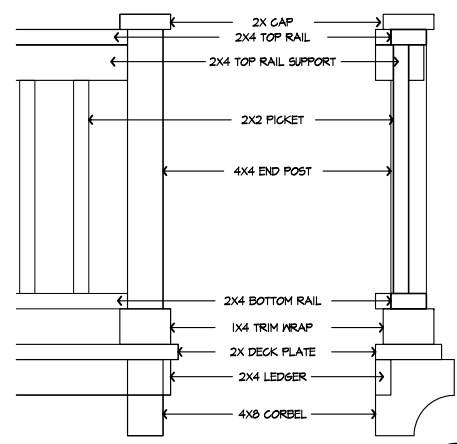
NOT TO SCALE



130  
AD7

**WOOD RAILING**

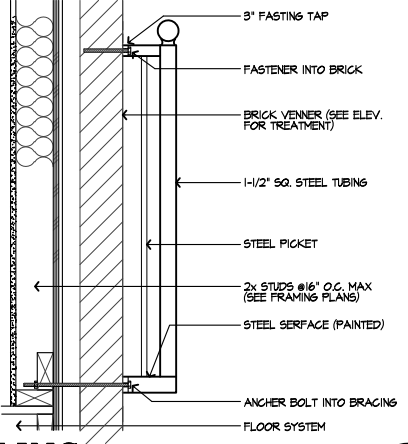
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131  
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**RAILING**

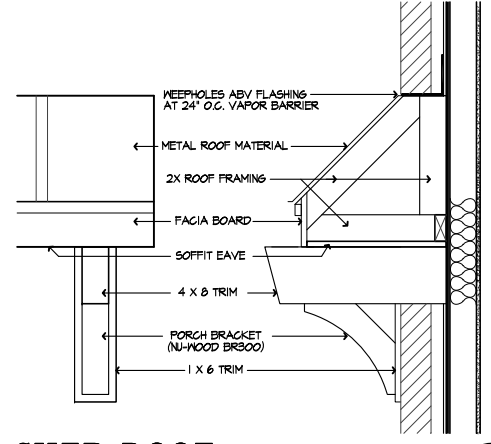
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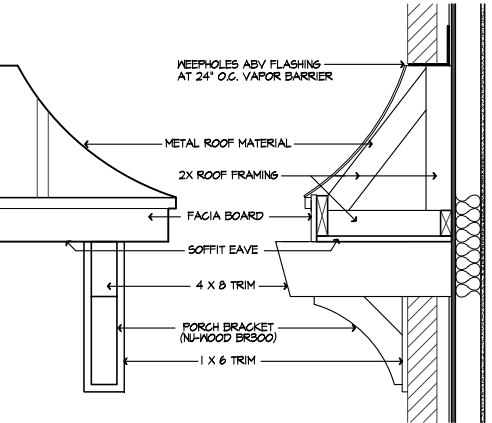
132  
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**SHED ROOF**

NOT TO SCALE



133  
AD7

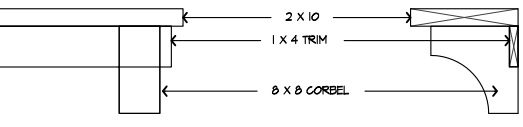


**CURVED SHED ROOF**

134  
AD7

**WINDOW LEDGE**

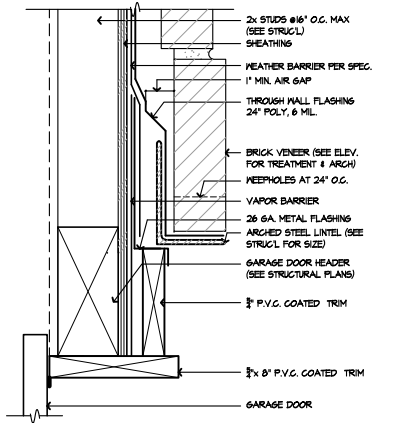
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136  
AD7

**GARAGE DOOR HEAD W/ ARCHED BRICK**

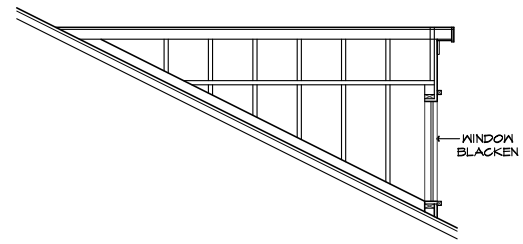
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138  
AD7

**TYP. DORMER**

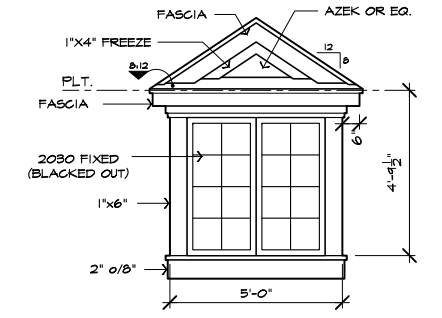
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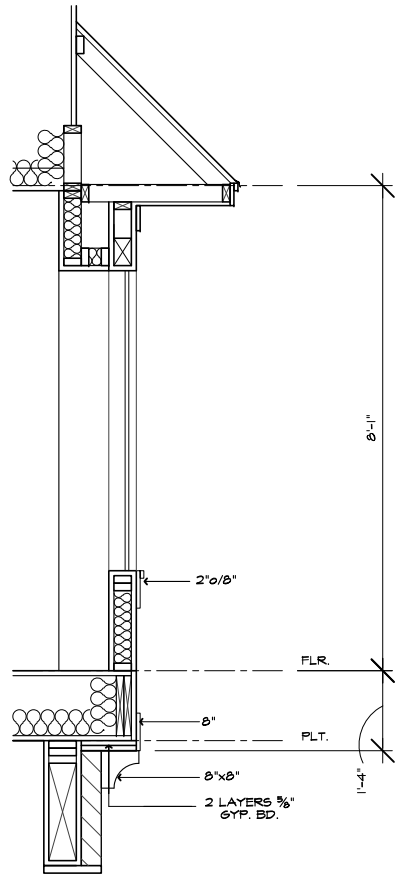
137  
AD7

**EYEBROW DORMER**

NOT TO SCALE



139  
AD7



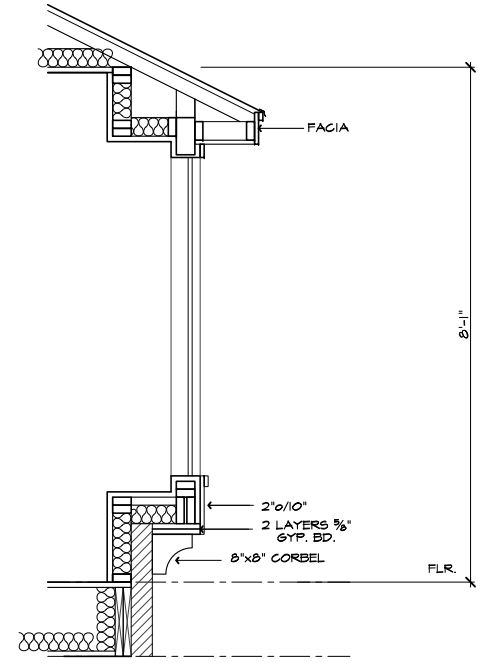
**BAY**

NOT TO SCALE

135  
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**BAY (2)**

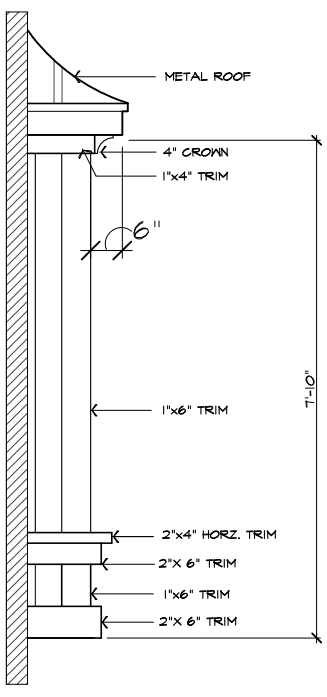
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144  
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**BAY (2)**

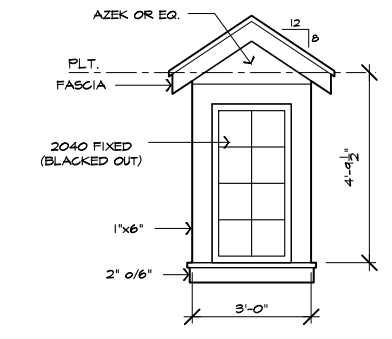
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145  
AD7

**ARCHED ROOF DORMER**

NOT TO SCALE



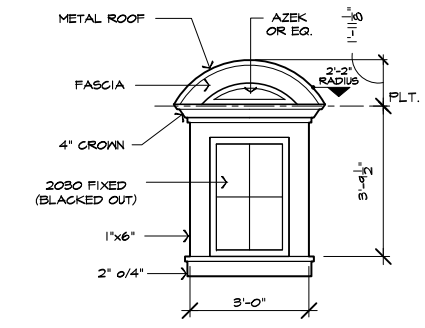
142  
AD7

**TYP. SHED ROOF DORMER**

NOT TO SCALE

**GABLE ROOF DORMER**

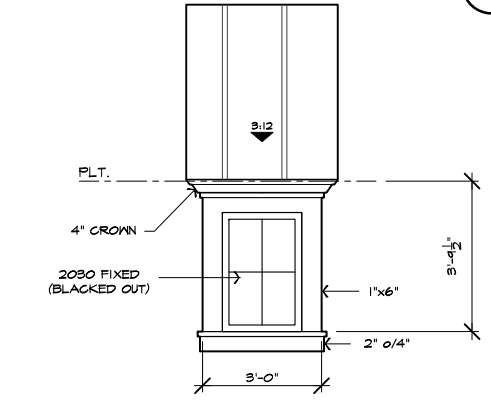
NOT TO SCALE



140  
AD7

**TYP. HIP DORMER**

NOT TO SCALE



141  
AD7



**DETAILS**

KB HOME  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582

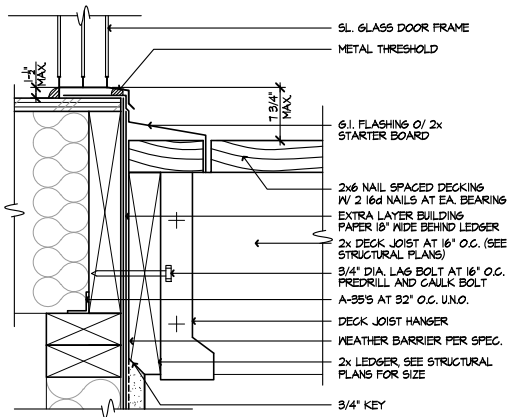
ISSUE DATE: 09/28/11  
PROJECT No.: 1350  
DIVISION MGR.: M.C.P.  
REVISIONS: 01/15/20

- 1 COMPLIANCE REVIEW  
NC12808 - 02/28/12 - CTD
- 2 2012 NC CODE UPDATE  
NC12816 - 03/22/12 - CTD
- 3 DETAIL UPDATES  
NC13053 - 11/13 - DCs
- 4 2018 NC CODE UPDATE  
NC13015 - 01/24/19 - MCP
- 5 DETAIL UPDATE  
NC13001NCP - 01/15/20 - MCP

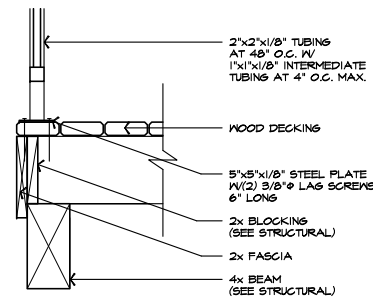
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PLAN: **ALL**  
SHEET: **AD7**

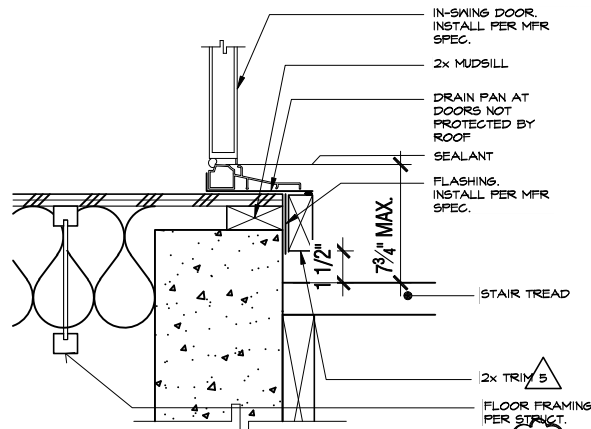
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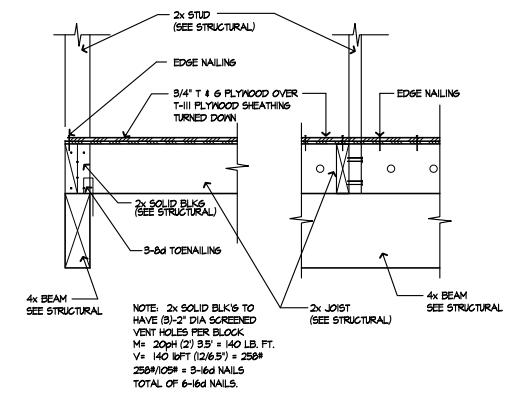
**SL. DR. TRESHOLD @ DECK** 154  
SCALE 3/8"=1'-0"  
0910-02 ADB



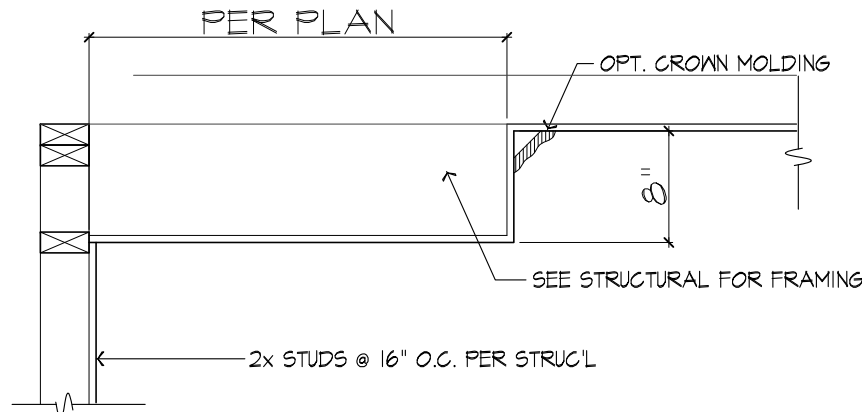
**DECK FRAMING** 150  
SCALE 1"=1'-0"  
ADB



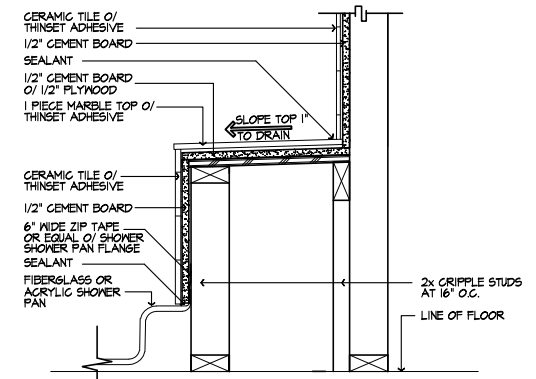
**SWING DOOR THRESHOLD** 156  
SCALE 3/8"=1'-0"  
AT CRAWL SPACE ADB



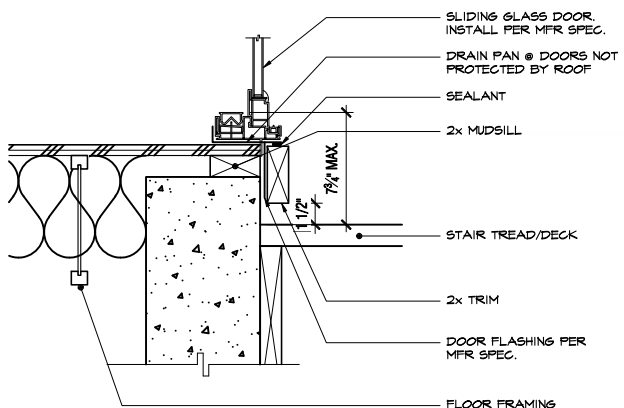
**DECK FRAMING** 151  
SCALE 1"=1'-0"  
ADB



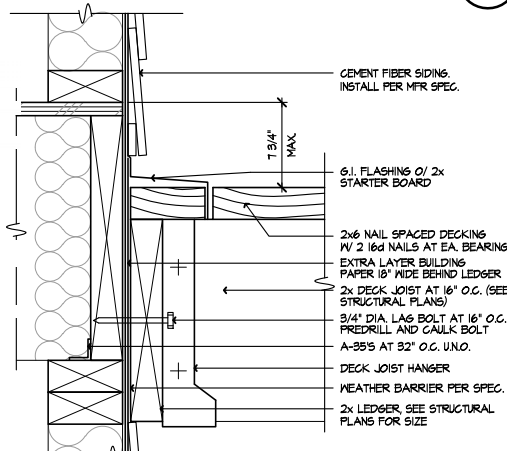
**BOX TRAY CEILING** 148  
NOT TO SCALE  
ADB



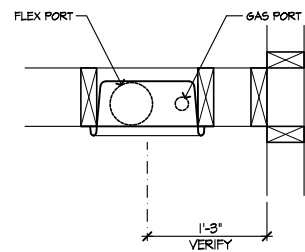
**SHOWER PAN SEAT** 146  
SCALE 1 1/2"=1'-0"  
BA-001A ADB



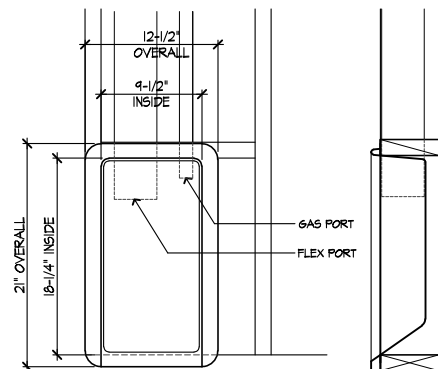
**SLIDING GLASS DOOR** 157  
SCALE 1"=1'-0"  
AT CRAWL SPACE ADB



**WALL @ DECK** 152  
SCALE 3/8"=1'-0"  
ADB-152 ADB

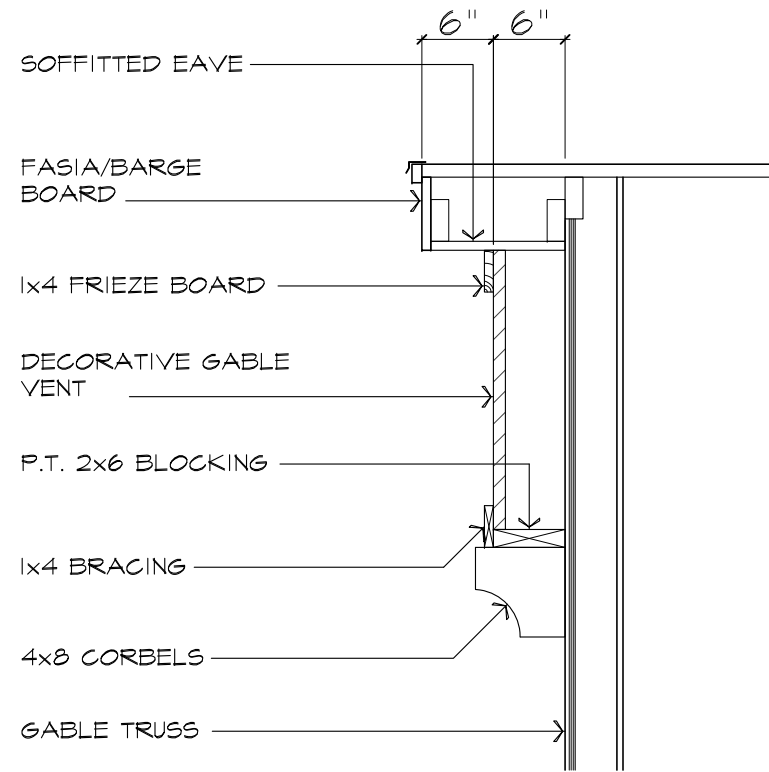


**PLAN VIEW**

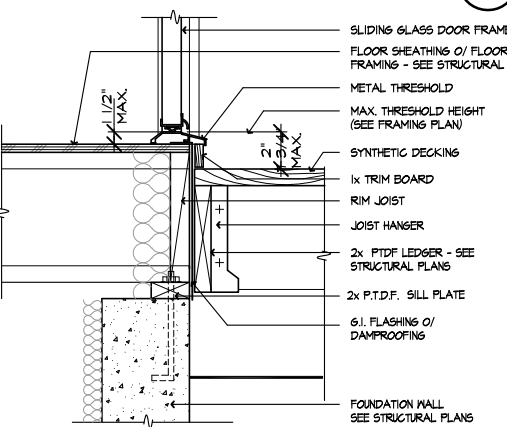


**FRONT SIDE**

**DRYER BOX DETAIL** 149  
SCALE: N.T.S. ADB-149 ADB



**GABLE VENT DETAIL** 147  
NOT TO SCALE  
ADB



**SWING DOOR THRESHOLD** 153  
SCALE 1 1/2"=1'-0"  
0820-01c ADB



**DETAILS**

KB HOME  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
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- ISSUE DATE: 09/28/11
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- REVISIONS: 01/15/20
- 1 COMPLIANCE REVIEW NCI2008 - 02/28/12 - CTD
- 2 2012 NC CODE UPDATE NCI2016 - 03/22/12 - CTD
- 3 DETAIL UPDATES NCI2013 - 11/3/13 - DC3
- 4 2018 NC CODE UPDATE NCI2015 - 01/24/19 - MCP
- 5 DETAIL UPDATE NC2000INCP - 01/15/20 - MCP

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PLAN: **ALL**  
SHEET: **AD8**

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

**GENERAL**

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

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

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

**DESIGN LOADS**

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

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

**ABBREVIATIONS**

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

**MATERIALS**

- INTERIOR / TRIMMED FRAMING LUMBER SHALL BE #2 SPRUCE PINE FIR (SPF) WITH THE FOLLOWING DESIGN PROPERTIES (#2 SOUTHERN YELLOW PINE MAY BE SUBSTITUTED):  
Fb = 875 PSI Fv = 70 PSI E = 1.4E6 PSI
- FRAMING LUMBER EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND, CONCRETE, OR MASONRY SHALL BE PRESSURE TREATED #2 SOUTHERN YELLOW PINE (SYP) WITH THE FOLLOWING DESIGN PROPERTIES:  
Fb = 975 PSI Fv = 95 PSI E = 1.6E6 PSI
- LVL STRUCTURAL MEMBERS TO BE LAMINATED VENEER LUMBER WITH THE FOLLOWING MINIMUM DESIGN PROPERTIES:  
Fb = 2600 PSI Fv = 285 PSI E = 1.9E6 PSI
- PSL STRUCTURAL MEMBERS TO BE PARALLEL STRAND LUMBER WITH THE FOLLOWING MINIMUM DESIGN PROPERTIES:  
Fb = 2900 PSI Fv = 290 PSI E = 2.0E6 PSI
- LSL STRUCTURAL MEMBERS TO BE LAMINATED STRAND LUMBER WITH THE FOLLOWING MINIMUM DESIGN PROPERTIES:  
Fb = 2250 PSI Fv = 400 PSI E = 1.55E6 PSI
- STRUCTURAL STEEL WIDE-FLANGE BEAMS SHALL CONFORM TO ASTM A992. Fy = 50 KSI
- REBAR SHALL BE DEFORMED STEEL CONFORMING TO ASTM A615, GRADE 60.
- POURED CONCRETE COMPRESSIVE STRENGTH TO BE A MINIMUM 3,000 PSI AT 28 DAYS. MATERIALS USED TO PRODUCE CONCRETE SHALL COMPLY WITH THE APPLICABLE STANDARDS LISTED IN AMERICAN CONCRETE INSTITUTE STANDARD ACI 318 OR ASTM C1157.
- CONCRETE SUBJECT TO MODERATE OR SEVERE WEATHERING PROBABILITY PER TABLE R301.2(1) SHALL BE AIR-ENTRAINED WHEN REQUIRED BY TABLE R402.2.
- CONCRETE MASONRY UNITS (CMU) SHALL CONFORM TO AMERICAN CONCRETE INSTITUTE PUBLICATION 530: BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES AND COMPANION COMMENTARIES AND THE MASONRY SOCIETY PUBLICATION TMS 402/602: BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES.
- MORTAR SHALL COMPLY WITH ASTM INTERNATIONAL STANDARD C270.
- INDICATED MODEL NUMBERS FOR ALL METAL HANGERS, STRAPS, FRAMING CONNECTORS, AND HOLD-DOWNS ARE SIMPSON STRONG-TIE BRAND. EQUIVALENT USP BRAND PRODUCTS ARE ACCEPTABLE.
- REFER TO I-JOIST EQUIVALENCE CHART ON I-JOIST DETAIL SHEET FOR SUBSTITUTION OF MANUFACTURER SERIES.

**FOUNDATION**

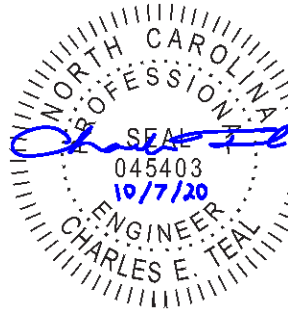
- MINIMUM ALLOWABLE SOIL BEARING CAPACITY IS ASSUMED TO BE 2,000 PSF. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SOIL BEARING CAPACITY IF UNSATISFACTORY CONDITIONS EXIST.
- CONCRETE FOUNDATION WALLS TO BE SELECTED AND CONSTRUCTED PER SECTION R404 OR AMERICAN CONCRETE INSTITUTE STANDARD ACI 318.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

**FRAMING**

- ALL BEARING HEADERS TO BE (2) 2x6 SUPPORTED W/ MIN (1) JACK STUD AND (1) KING STUD EACH END, UNO.
- ALL NON-BEARING HEADERS TO BE (2) 2x4, UNO.
- NON-BEARING INTERIOR WALLS NOT MORE THAN 10' NOMINAL HEIGHT AND NOT SHOWN AS BRACED WALLS MAY BE FRAMED WITH 2x4 STUDS @ 24" OC.
- SOLID BLOCKING TO BE PROVIDED AT ALL POINT LOADS THROUGH FLOOR LEVELS TO THE FOUNDATION OR TO OTHER STRUCTURAL COMPONENTS.
- ALL BEAMS SPECIFIED ARE MINIMUM SIZES ONLY. LARGER MEMBERS MAY SUBSTITUTED AS NEEDED FOR EASE OF CONSTRUCTION.
- ALL EXTERIOR WALLS TO BE FULLY SHEATHED WITH 7/16" OSB.
  - ATTACH PORCH COLUMNS TO SLAB / FDN WALL USING ABA, ABU, ABW, OR CPT SIMPSON POST BASES TO FIT COLUMN SIZES NOTED ON PLAN -OR- ANY OTHER COLUMN CONNECTION WITH 500# UPLIFT CAPACITY.
  - ATTACH PORCH COLUMNS TO PORCH BEAMS USING AC OR BC SIMPSON POST CAPS TO FIT COLUMN SIZES NOTED ON PLAN -OR- ANY OTHER COLUMN CONNECTION WITH 500# UPLIFT CAPACITY.
  - TRIM OUT COLUMN(S) AND BEAM(S) PER BUILDER AND DETAILS.
- ALL ENGINEERED WOOD PRODUCTS (LVL, PSL, LSL, ETC.) SHALL BE INSTALLED WITH CONNECTIONS PER MANUFACTURER SPECIFICATIONS.
- ENGINEERED WOOD FLOOR SYSTEMS AND ROOF TRUSS SYSTEMS:
  - SHOP DRAWINGS FOR THE SYSTEMS SHALL BE PROVIDED TO THE ENGINEER OF RECORD FOR REVIEW AND COORDINATION BEFORE CONSTRUCTION.
  - TRUSS PROFILES SHALL BE SEALED BY THE TRUSS MANUFACTURER.
  - INSTALLATION OF THE SYSTEMS SHALL BE PER MANUFACTURER'S INSTRUCTIONS.
  - TRUSS LAYOUT AND PLACEMENT BY MANUFACTURER TO COINCIDE WITH THE SUPPORT LOCATIONS SHOWN IN THESE DRAWINGS.
- ALL BEAMS TO BE CONTINUOUSLY SUPPORTED Laterally AND SHALL BEAR FULL WIDTH ON THE SUPPORTING WALLS OR COLUMNS INDICATED, WITH A MINIMUM OF THREE STUDS, UNO.
- ALL STEEL BEAMS TO BE SUPPORTED AT EACH END WITH A MIN BEARING LENGTH OF 3 1/2" AND FULL FLANGE WIDTH. BEAMS MUST BE ATTACHED AT EACH END WITH A MINIMUM OF FOUR 16d NAILS OR TWO 1/2" x 4" LAG SCREWS, UNO.
- STEEL FLITCH BEAMS TO BE BOLTED TOGETHER USING (2) ROWS OF 1/2" DIAMETER BOLTS (ASTM 307) WITH WASHERS PLACED UNDER THE THREADED END OF THE BOLT. BOLTS TO BE SPACED AT 24" OC (MAX) AND STAGGERED TOP AND BOTTOM OF BEAM (2" EDGE DISTANCE), WITH TWO BOLTS TO BE LOCATED AT 6" FROM EACH END OF FLITCH BEAM.
- WHEN A 4-PLY LVL BEAM IS USED, ATTACH WITH (1) 1/2" DIAMETER BOLT, 12" OC, STAGGERED TOP AND BOTTOM, 1 1/2" MIN FROM ENDS. ALTERNATE EQUIVALENT ATTACHMENT METHOD MAY BE USED, SUCH AS SDS, SDW, OR TRUSSLOK SCREWS (SEE MANUFACTURER SPECIFICATIONS).
- FOR STUD COLUMNS OF 4-OR-MORE STUDS, INSTALL SIMPSON STRONG-TIE CS16 STRAPS ACROSS STUDS @ 30" OC, 6" MAX FROM PLATES, ON INSIDE FACE OF COLUMN (EXTERIOR WALL), ON BOTH FACES OF COLUMN (INTERIOR WALL).
- FLOOR JOISTS ADJACENT AND PARALLEL TO THE EXTERIOR FOUNDATION WALL SHALL BE PROVIDED WITH FULL-DEPTH SOLID BLOCKING, NOT LESS THAN TWO (2) INCHES NOMINAL IN THICKNESS, PLACED PERPENDICULAR TO THE JOIST AT SPACING NOT MORE THAN FOUR (4) FEET. THE BLOCKING SHALL BE NAILED TO THE FLOOR SHEATHING, THE SILL PLATE, THE JOIST, AND THE EXTERIOR RIM JOIST / BOARD.
- BRACED WALL PANELS SHALL BE FASTENED TO MEET THE UPLIFT-RESISTANCE REQUIREMENTS IN CHAPTERS 6 AND 8 OF THE APPLICABLE CODE (SEE TITLE SHEET). REQUIREMENTS OF THE STRUCTURAL DRAWINGS THAT EXCEED THE CODE MINIMUM SHALL BE MET.



KB HOME  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582



P-0961

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PROJECT NO.: 20901649  
DATE: 10/07/2020

PLAN:  
150.1910

GENERAL NOTES

**GN1.0**

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

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

DETAILS AND NOTES ON DRAWINGS GOVERN.


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

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


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

**ROOF SYSTEMS**

**TRUSSED ROOF - STRUCTURAL NOTES**

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

**STICK-FRAMED ROOF - STRUCTURAL NOTES**

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

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

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

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



KB HOME  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582



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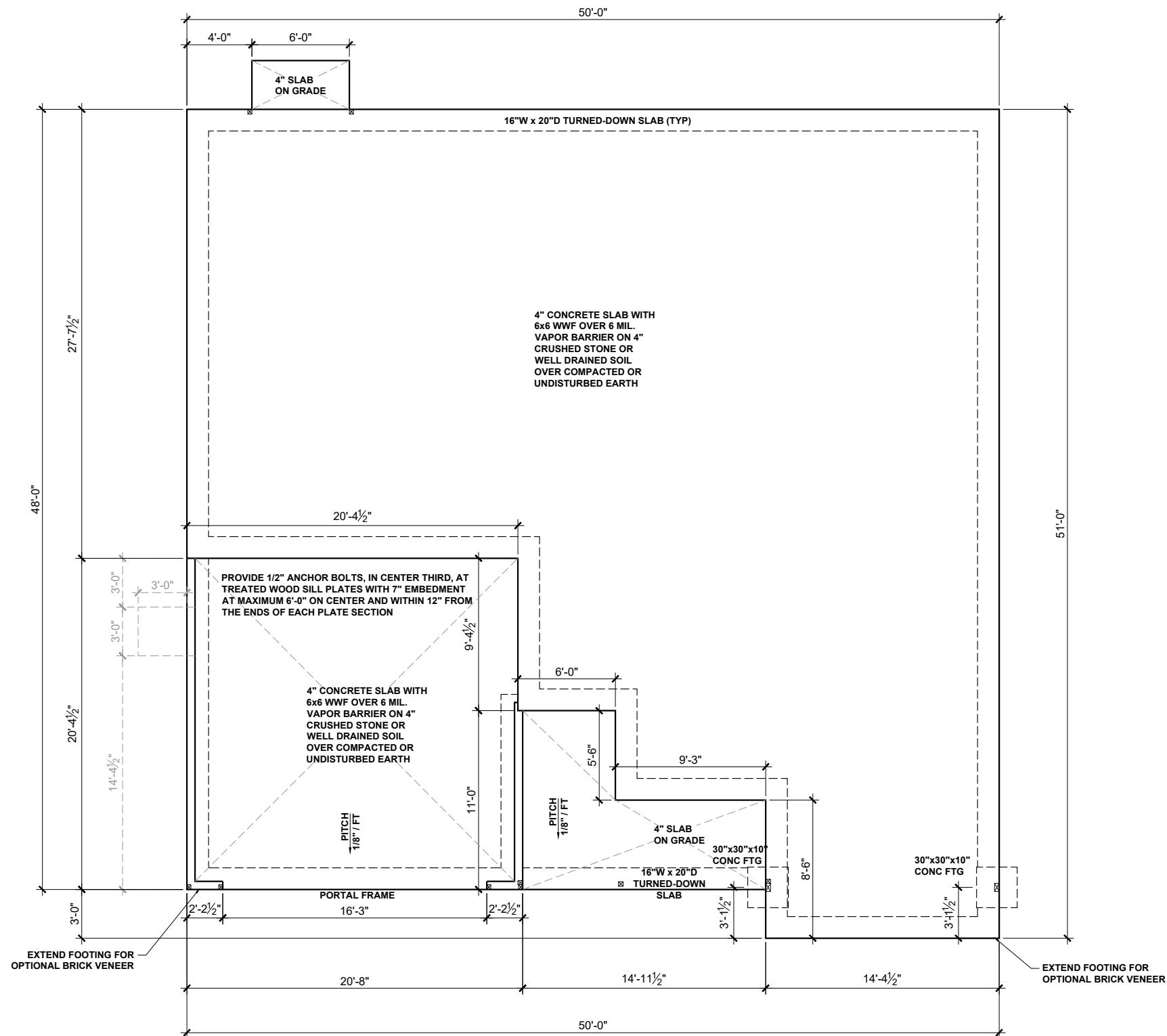
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**BEAM & POINT LOAD LEGEND**

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

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

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



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 NORTH CAROLINA DIVISION  
 4518 S. MIAMI BLVD.  
 SUITE 180  
 DURHAM, NC 27703  
 TEL: (919) 768-7988  
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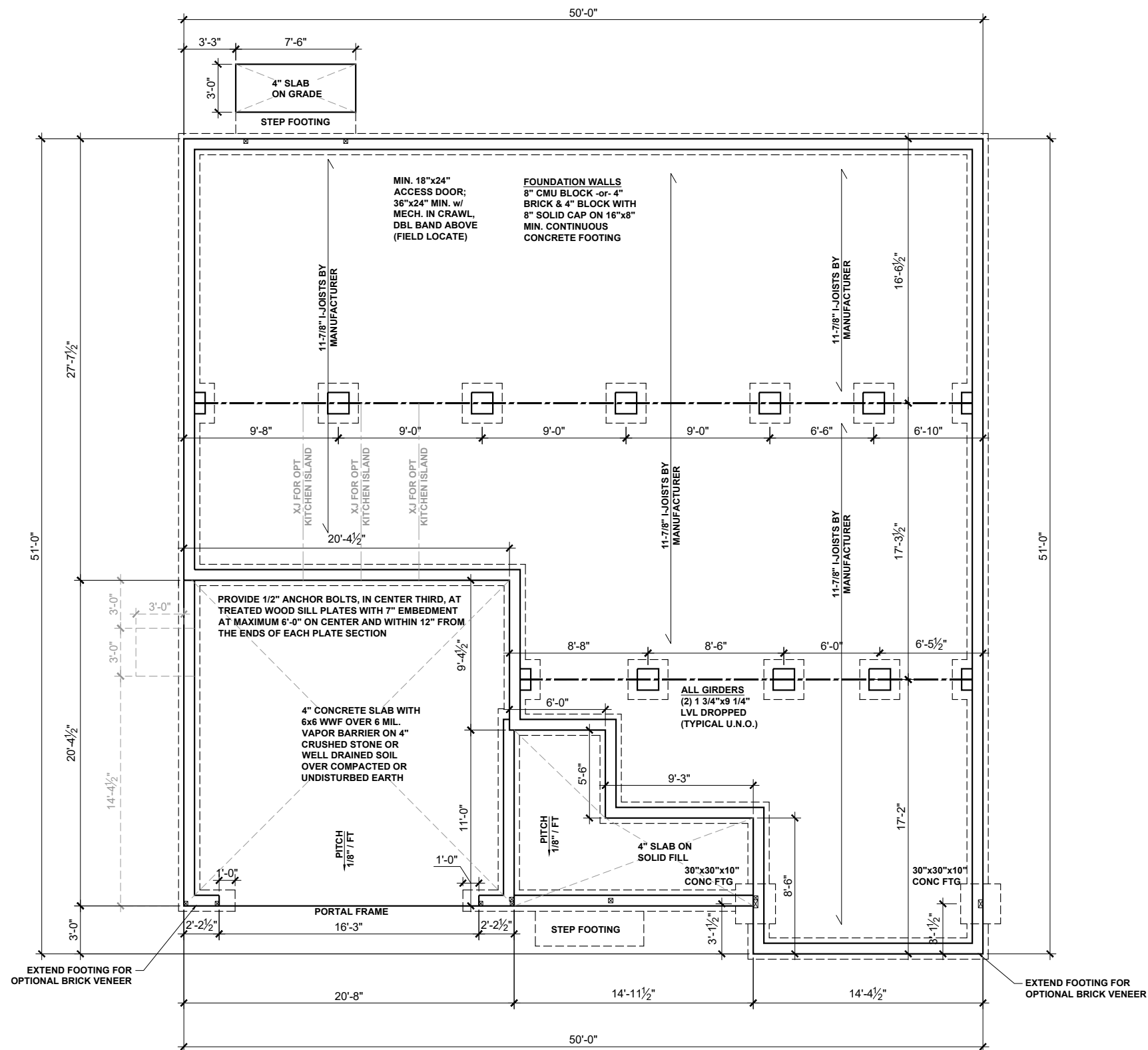
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SLAB  
 FOUNDATION PLAN  
**S.10A**

**SLAB FOUNDATION PLAN - 'A'**  
 SCALE: 1/8"=1'-0"

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**BEAM & POINT LOAD LEGEND**

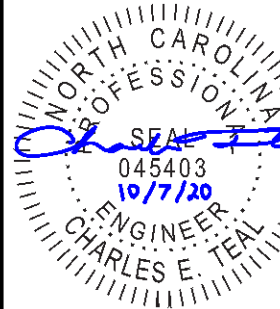
- INTERIOR LOAD BEARING WALL
- - - ROOF RAFTER / TRUSS SUPPORT
- · - · - DOUBLE RAFTER / DOUBLE JOIST
- STRUCTURAL BEAM / GIRDER
- WINDOW / DOOR HEADER
- ⊠ POINT LOAD TRANSFER
- POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

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

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



**KB HOME**  
 NORTH CAROLINA DIVISION  
 4518 S. MIAMI BLVD.  
 SUITE 180  
 DURHAM, NC 27703  
 TEL: (919) 768-7988  
 FAX: (919) 472-0582



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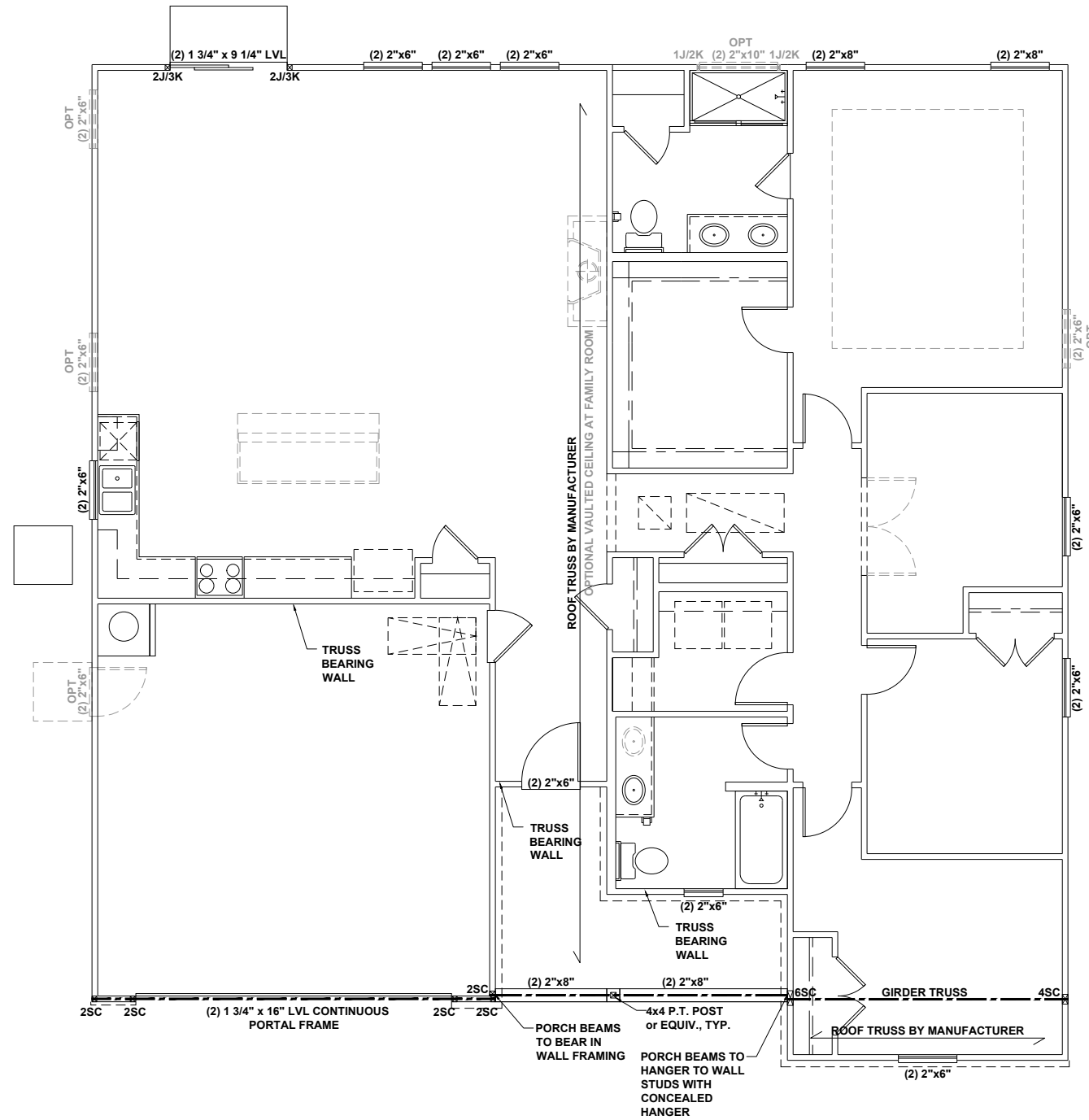
PLAN:  
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CRAWL SPACE  
 FOUNDATION PLAN

**S.30A**

**CRAWL SPACE FOUNDATION PLAN - 'A'**  
 SCALE: 1/8"=1'-0"

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# FIRST FLOOR CEILING FRAMING PLAN - 'A'

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

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

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

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

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

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



**KB HOME**  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582



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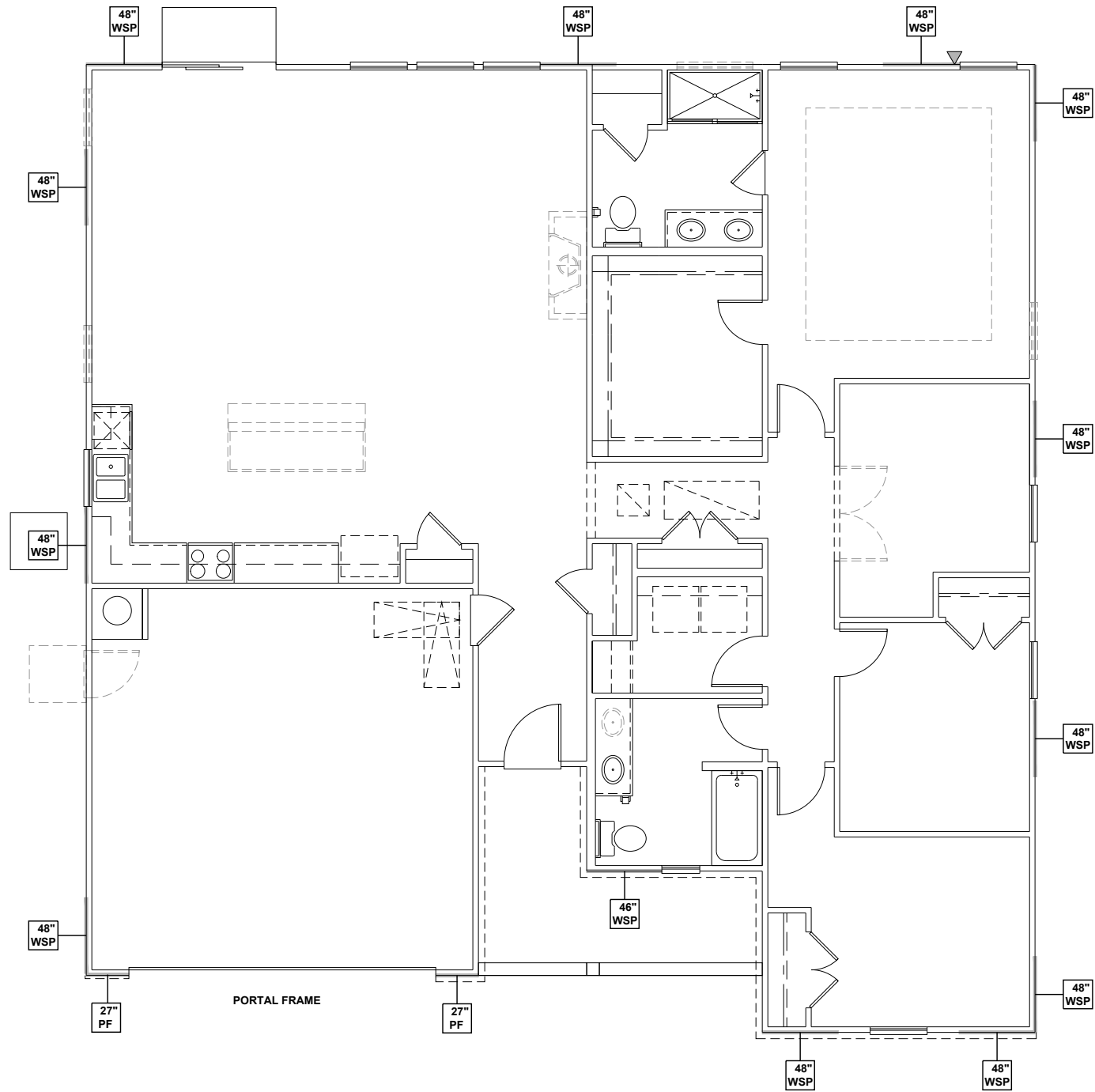
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FIRST FLOOR  
CEILING FRAMING PLAN

**S1.0A**

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**FIRST FLOOR WALL BRACING PLAN - 'A'**  
 SCALE: 1/8"=1'-0"

**WALL BRACING REQUIREMENTS**

- MINIMUM PANEL WIDTH IS 24"
- FIGURES BASED ON THE CONTINUOUS SHEATHING METHOD USING THE RECTANGLE CIRCUMSCRIBED AROUND THE FLOOR PLAN OR PORTION OF THE FLOOR PLAN. IF NO RECTANGLE IS NOTED, THE STRUCTURE HAS BEEN FIGURED ALL WITHIN ONE RECTANGLE.
- PANELS MAY SHIFT UP TO 36" EITHER DIRECTION FOR EASE OF CONSTRUCTION (NAILING & BLOCK REQUIREMENTS STILL APPLY).
- FOR ADDITIONAL WALL BRACING INFORMATION, REFER TO WALL BRACING DETAIL SHEET(S).
- SCHEMATIC BELOW INDICATES HOW SIDES OF RECTANGLE ARE TO BE INTERPRETED IN BRACING CHART WHEN APPLIED TO STRUCTURE:

- ◆ CS16 STRAP FROM STUD, CROSS HEADER, TO WALL TOP PLATE, 36" LONG MINIMUM
- ▶ SIMPSON MSTA15 HOLD DOWN CAPACITY OF 970 POUNDS PER ANCHOR WITH (12) 10d NAILS. STRAP TO BE LOCATED AT EDGE OF BRACED WALL PANEL. (CS16 STRAPPING MAY BE SUBSTITUTED w/ SIMILAR LENGTH AND NAILING PATTERN.) USE HTT4 FOR ATTACHMENT TO CONCRETE.

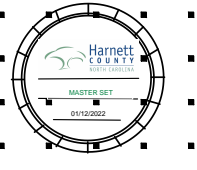
SCALED LENGTH OF WALL PANEL AT LOCATION — 24" WSP — NUMERICAL LENGTH OF PANEL — PANEL TYPE

**WALL BRACING NOTE:**

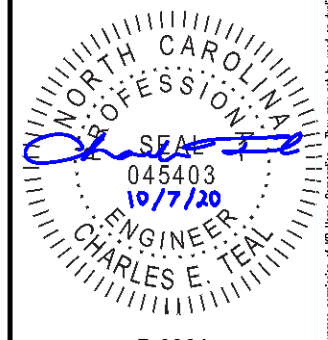
WALLS WITH PROVIDED LENGTH LISTED AS "N/A" DO NOT MEET THE REQUIREMENTS OF PRESCRIPTIVE WALL BRACING FOUND IN THE NCRC. THESE WALLS HAVE BEEN ENGINEERED BASED ON DESIGN GUIDELINES ESTABLISHED IN ASCE-07 AND THE NDS: WIND & SEISMIC PROVISIONS SUPPLEMENT.

**WALL BRACING: RECTANGLE 1**

SIDE	REQUIRED LENGTH	PROVIDED LENGTH
FRONT	6.5 FT.	17.0 FT.
RIGHT	6.5 FT.	16.0 FT.
REAR	6.5 FT.	12.0 FT.
LEFT	6.5 FT.	12.0 FT.



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 NORTH CAROLINA DIVISION  
 4518 S. MIAMI BLVD.  
 SUITE 180  
 DURHAM, NC 27703  
 TEL: (919) 768-7988  
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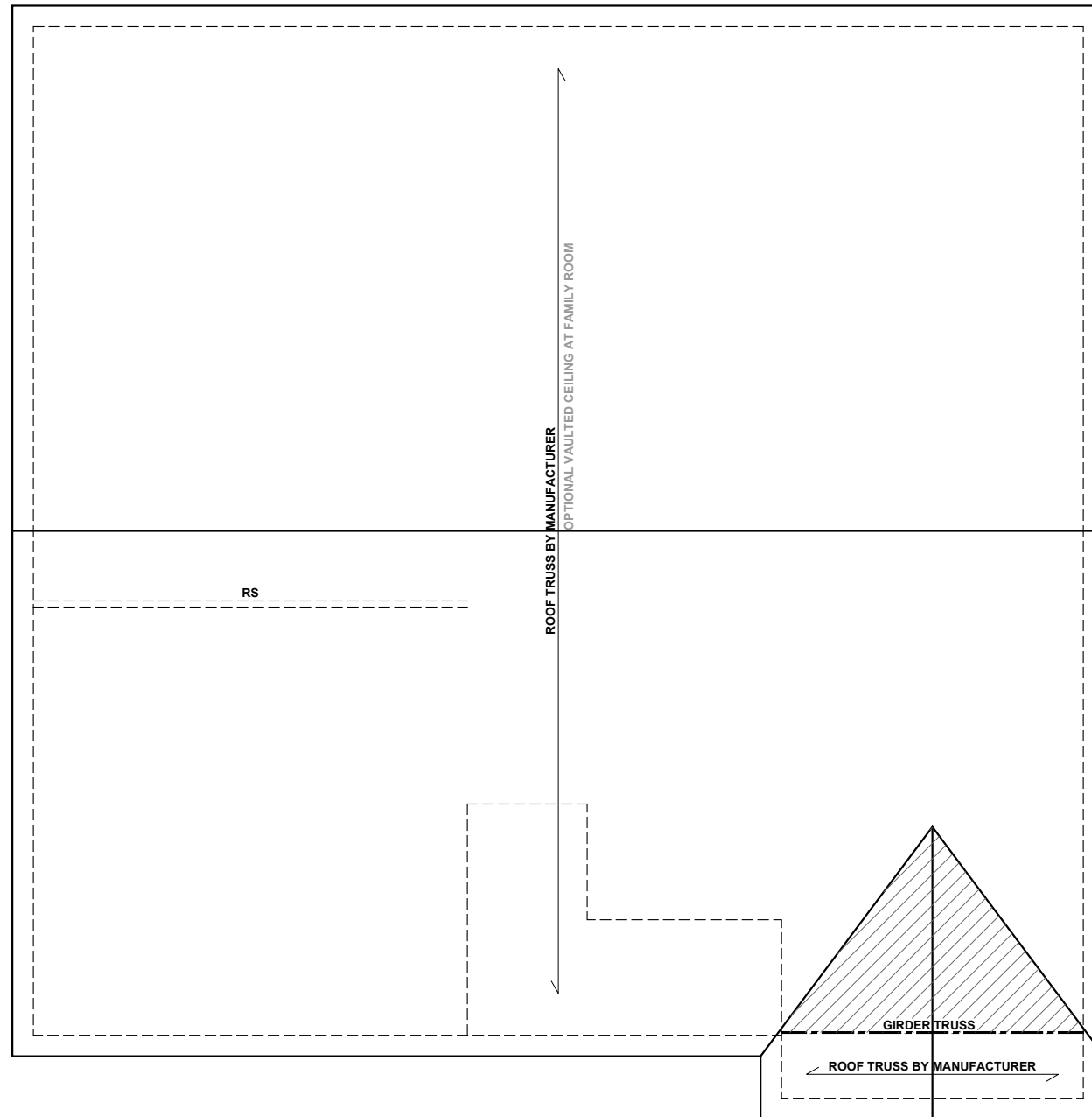


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FIRST FLOOR  
 WALL BRACING PLAN  
**S4.0A**

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

**BEAM & POINT LOAD LEGEND**

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

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

**TRUSS UPLIFT CONNECTORS: EXPOSURE B, 115 MPH, ANY PITCH, 24" O.C. MAX ROOF TRUSS SPACING**

TRUSSES SHALL BE ATTACHED TO SUPPORT WALL FOR UPLIFT RESISTANCE. CONTINUOUS OSB WALL SHEATHING BELOW PROVIDES CONTINUOUS UPLIFT RESISTANCE TO FOUNDATION. ALL TRUSSES SUPPORTED BY INTERMEDIATE SUPPORT WALLS, KNEEWALLS, OR BEAMS SHALL BE ATTACHED TO SUPPORTING MEMBER PER SCHEDULE:

ROOF SPAN IS MEASURED HORIZONTALLY BETWEEN FURTHEST SUPPORT POINTS.

<b>ROOF PLAN</b>	<b>CONNECTOR</b>
UP TO 28'	NAILING PER TABLE 602.3(1) NCRBC 2018 EDITION
OVER 28'	(1) SIMPSON H2.5A HURRICANE CLIP TO DBL TOP PLATE OR BEAM OR (1) SIMPSON H3 CLIP TO SINGLE 2x4 PLATE



**KB HOME**  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
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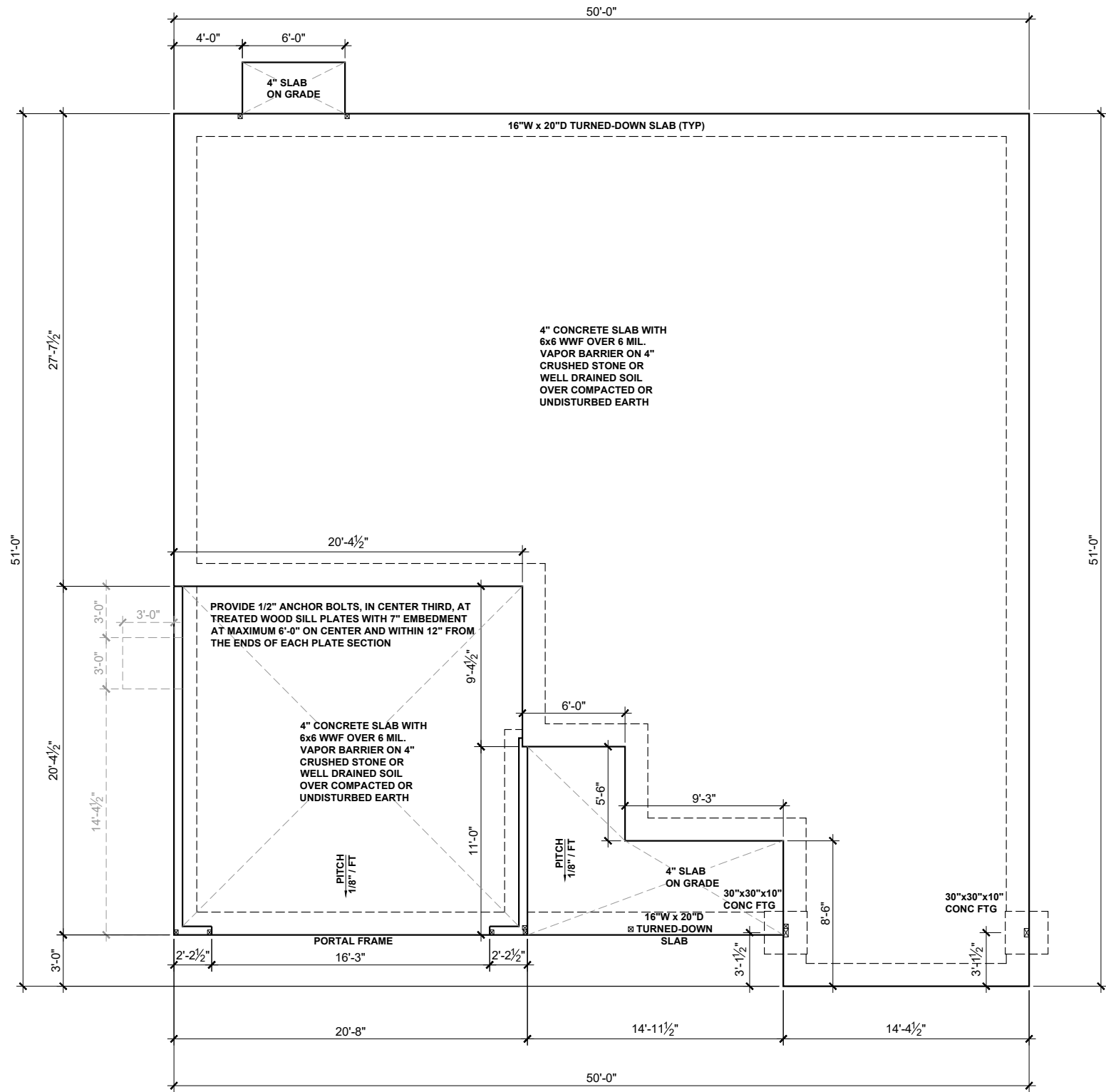
**JDSfaulkner**  
engineering + design + consulting  
8600 D' JERSEY CT, RALEIGH, NC 27617, 919.480.1075  
INFO@JDSfaulkner.COM ; WWW.JDSfaulkner.COM

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ROOF FRAMING PLAN  
**S7.0A**

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**BEAM & POINT LOAD LEGEND**

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

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

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



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JDSfaulkner, PLLC HAS PERFORMED A STRUCTURAL REVIEW OF THESE PLANS. THE STRUCTURAL COMPONENTS COMPLY WITH THE 2018 NORTH CAROLINA RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS FOR NC PLAN REVIEW. DEVIATION OF ANY STRUCTURAL REQUIREMENTS OF THESE PLANS WITHOUT THE APPROVAL OF THE EOR IS PROHIBITED.



PROJECT NO.: 20901649  
DATE: 10/07/2020

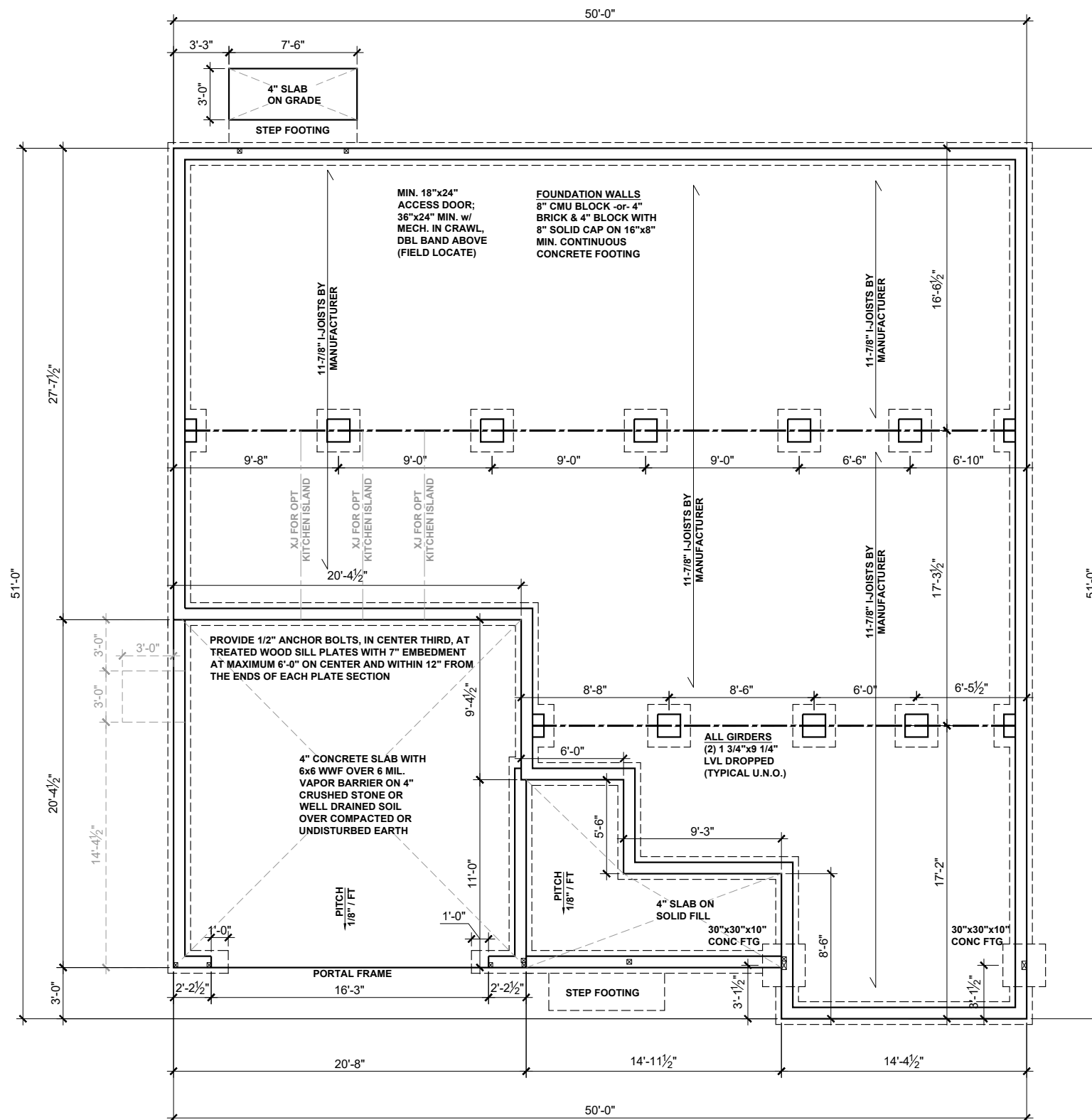
PLAN:  
**150.1910**

SLAB  
FOUNDATION PLAN

**S.10B**

**SLAB FOUNDATION PLAN - 'B'**  
SCALE: 1/8"=1'-0"

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**BEAM & POINT LOAD LEGEND**

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

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

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



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 NORTH CAROLINA DIVISION  
 4518 S. MIAMI BLVD.  
 SUITE 180  
 DURHAM, NC 27703  
 TEL: (919) 768-7988  
 FAX: (919) 472-0582



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PLAN:  
**150.1910**

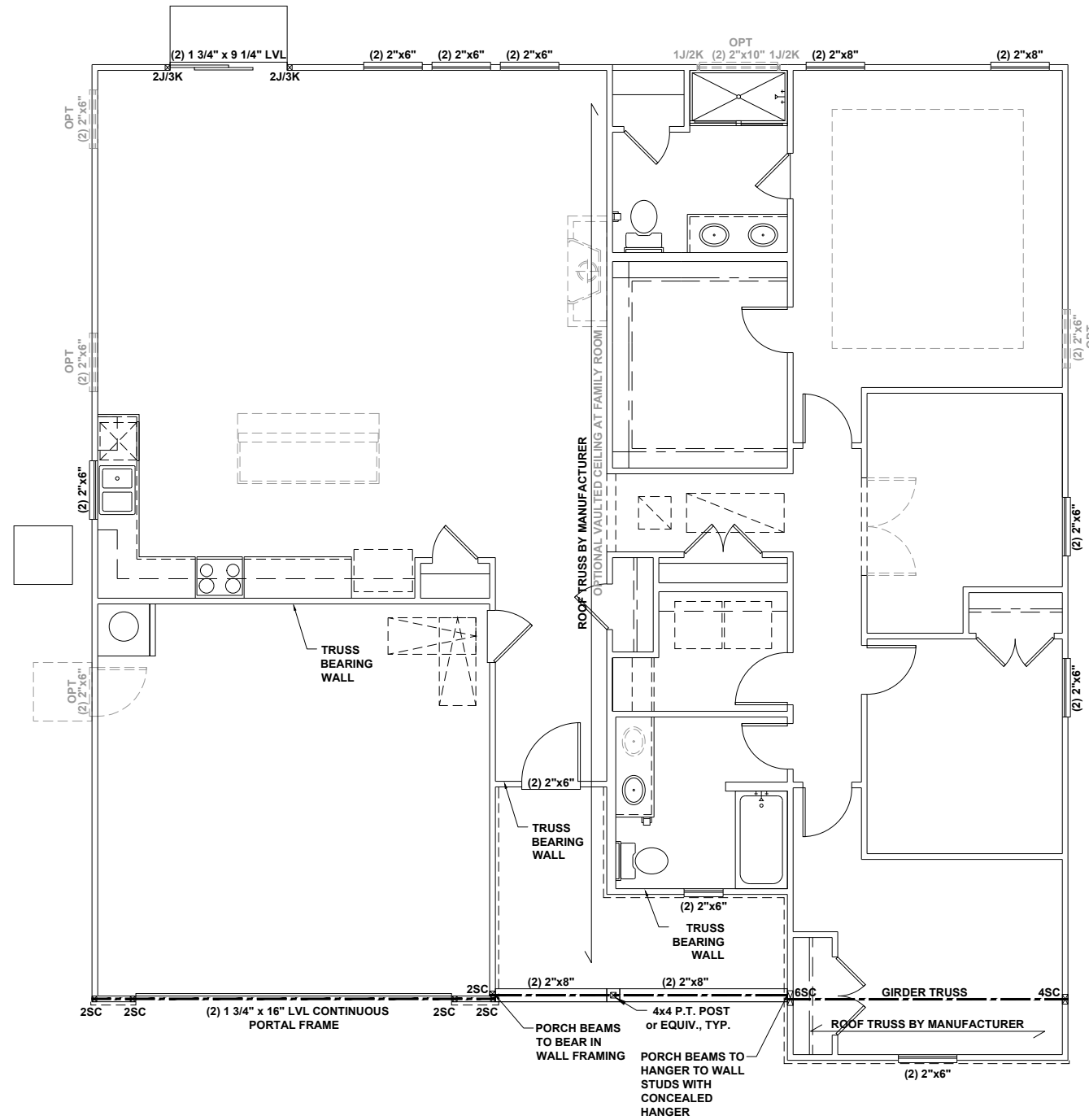
CRAWL SPACE  
 FOUNDATION PLAN

**S.30B**

**CRAWL SPACE FOUNDATION PLAN - 'B'**

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

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**FIRST FLOOR CEILING FRAMING PLAN - 'B'**  
 SCALE: 1/8"=1'-0"

**BEAM & POINT LOAD LEGEND**

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

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

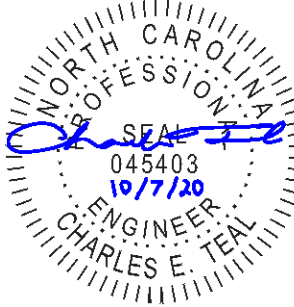
I-JOIST SPACING NOT TO EXCEED 19.2" OC IN LOCATIONS WITH TILE FINISH FLOOR

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

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



**KB HOME**  
 NORTH CAROLINA DIVISION  
 4518 S. MIAMI BLVD.  
 SUITE 180  
 DURHAM, NC 27703  
 TEL: (919) 768-7988  
 FAX: (919) 472-0582



**P-0961**

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**JDSfaulkner**  
 engineering + design + consulting  
 8600 D' JERSEY CT, RALEIGH, NC 27617.919.480.1075  
 INFO@JDSfaulkner.COM ; WWW.JDSfaulkner.COM

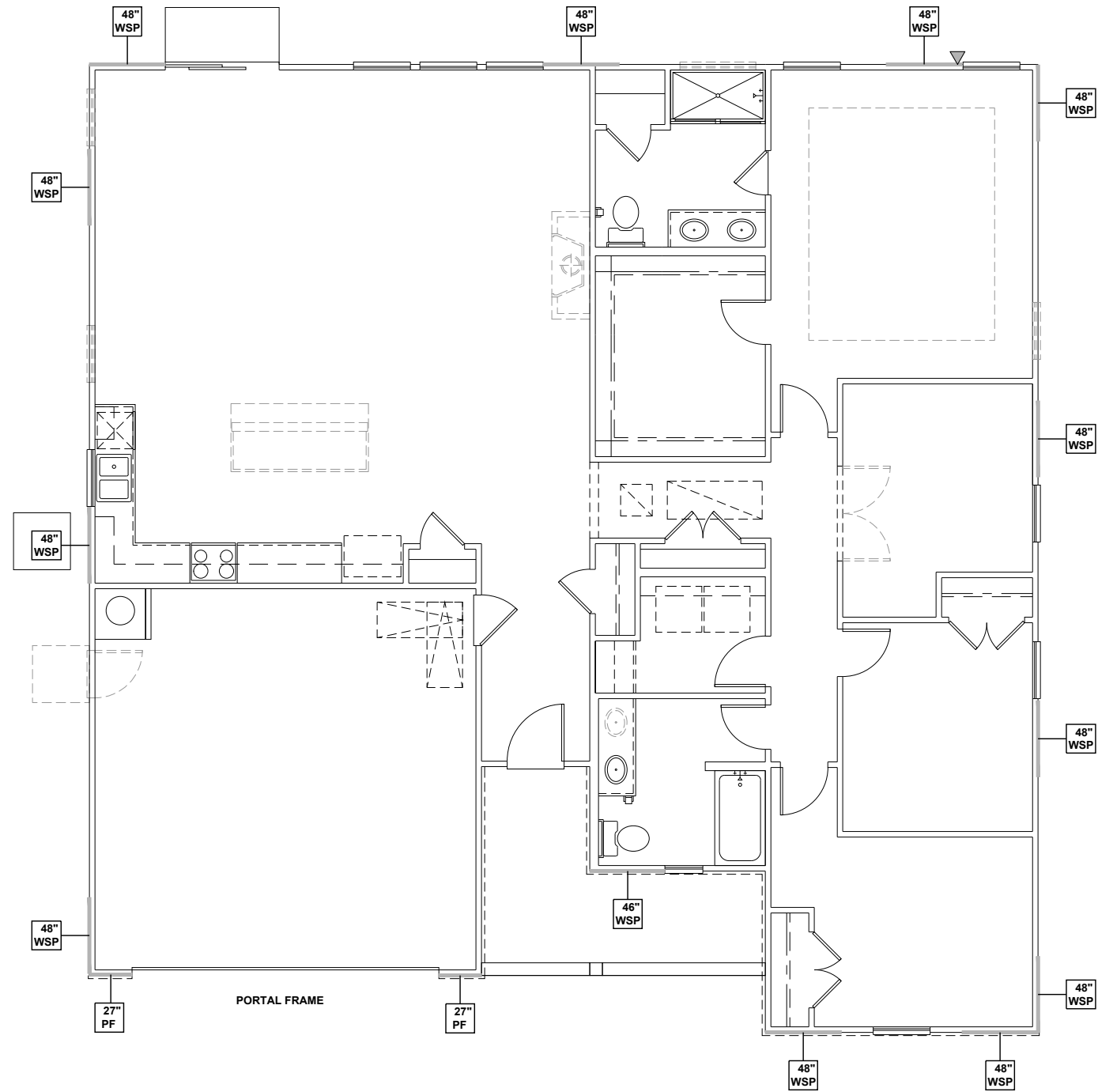
PROJECT NO.: 20901649  
 DATE: 10/07/2020

PLAN:  
**150.1910**

FIRST FLOOR  
 CEILING FRAMING PLAN

**S1.0B**

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**FIRST FLOOR WALL BRACING PLAN - 'B'**  
 SCALE: 1/8"=1'-0"

**WALL BRACING REQUIREMENTS**

- MINIMUM PANEL WIDTH IS 24"
- FIGURES BASED ON THE CONTINUOUS SHEATHING METHOD USING THE RECTANGLE CIRCUMSCRIBED AROUND THE FLOOR PLAN OR PORTION OF THE FLOOR PLAN. IF NO RECTANGLE IS NOTED, THE STRUCTURE HAS BEEN FIGURED ALL WITHIN ONE RECTANGLE.
- PANELS MAY SHIFT UP TO 36" EITHER DIRECTION FOR EASE OF CONSTRUCTION (NAILING & BLOCK REQUIREMENTS STILL APPLY).
- FOR ADDITIONAL WALL BRACING INFORMATION, REFER TO WALL BRACING DETAIL SHEET(S).
- SCHEMATIC BELOW INDICATES HOW SIDES OF RECTANGLE ARE TO BE INTERPRETED IN BRACING CHART WHEN APPLIED TO STRUCTURE:

- ◆ CS16 STRAP FROM STUD, CROSS HEADER, TO WALL TOP PLATE, 36" LONG MINIMUM
- ▶ SIMPSON MSTA15 HOLD DOWN CAPACITY OF 970 POUNDS PER ANCHOR WITH (12) 10d NAILS. STRAP TO BE LOCATED AT EDGE OF BRACED WALL PANEL. (CS16 STRAPPING MAY BE SUBSTITUTED w/ SIMILAR LENGTH AND NAILING PATTERN.) USE HTT4 FOR ATTACHMENT TO CONCRETE.

SCALED LENGTH OF WALL PANEL AT LOCATION

24" WSP

NUMERICAL LENGTH OF PANEL

PANEL TYPE

**WALL BRACING NOTE:**

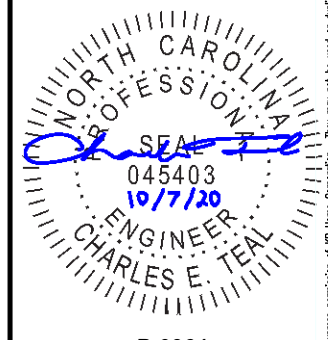
WALLS WITH PROVIDED LENGTH LISTED AS "N/A" DO NOT MEET THE REQUIREMENTS OF PRESCRIPTIVE WALL BRACING FOUND IN THE NCRC. THESE WALLS HAVE BEEN ENGINEERED BASED ON DESIGN GUIDELINES ESTABLISHED IN ASCE-07 AND THE NDS: WIND & SEISMIC PROVISIONS SUPPLEMENT.

**WALL BRACING: RECTANGLE 1**

SIDE	REQUIRED LENGTH	PROVIDED LENGTH
FRONT	6.5 FT.	17.0 FT.
RIGHT	6.5 FT.	16.0 FT.
REAR	6.5 FT.	12.0 FT.
LEFT	6.5 FT.	12.0 FT.



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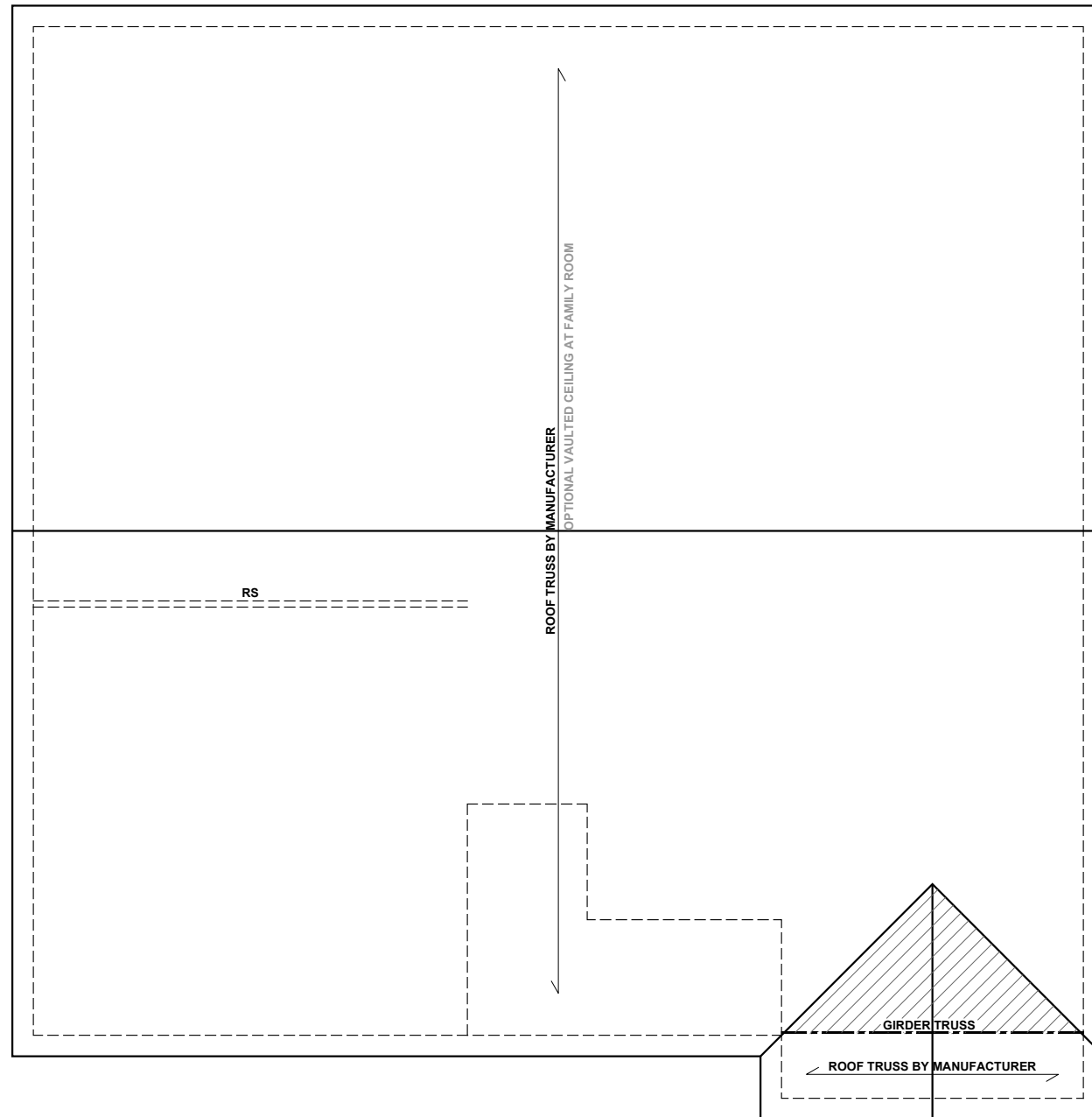
PLAN:  
**150.1910**

FIRST FLOOR  
 WALL BRACING PLAN

**S4.0B**

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

**BEAM & POINT LOAD LEGEND**

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

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

**TRUSS UPLIFT CONNECTORS: EXPOSURE B, 115 MPH, ANY PITCH, 24" O.C. MAX ROOF TRUSS SPACING**

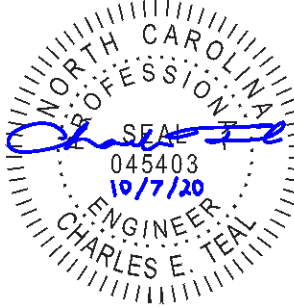
TRUSSES SHALL BE ATTACHED TO SUPPORT WALL FOR UPLIFT RESISTANCE. CONTINUOUS OSB WALL SHEATHING BELOW PROVIDES CONTINUOUS UPLIFT RESISTANCE TO FOUNDATION. ALL TRUSSES SUPPORTED BY INTERMEDIATE SUPPORT WALLS, KNEEWALLS, OR BEAMS SHALL BE ATTACHED TO SUPPORTING MEMBER PER SCHEDULE:

ROOF SPAN IS MEASURED HORIZONTALLY BETWEEN FURTHEST SUPPORT POINTS.

<b>ROOF PLAN</b>	<b>CONNECTOR</b>
UP TO 28'	NAILING PER TABLE 602.3(1) NCRBC 2018 EDITION
OVER 28'	(1) SIMPSON H2.5A HURRICANE CLIP TO DBL TOP PLATE OR BEAM OR (1) SIMPSON H3 CLIP TO SINGLE 2x4 PLATE



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NORTH CAROLINA DIVISION  
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SUITE 180  
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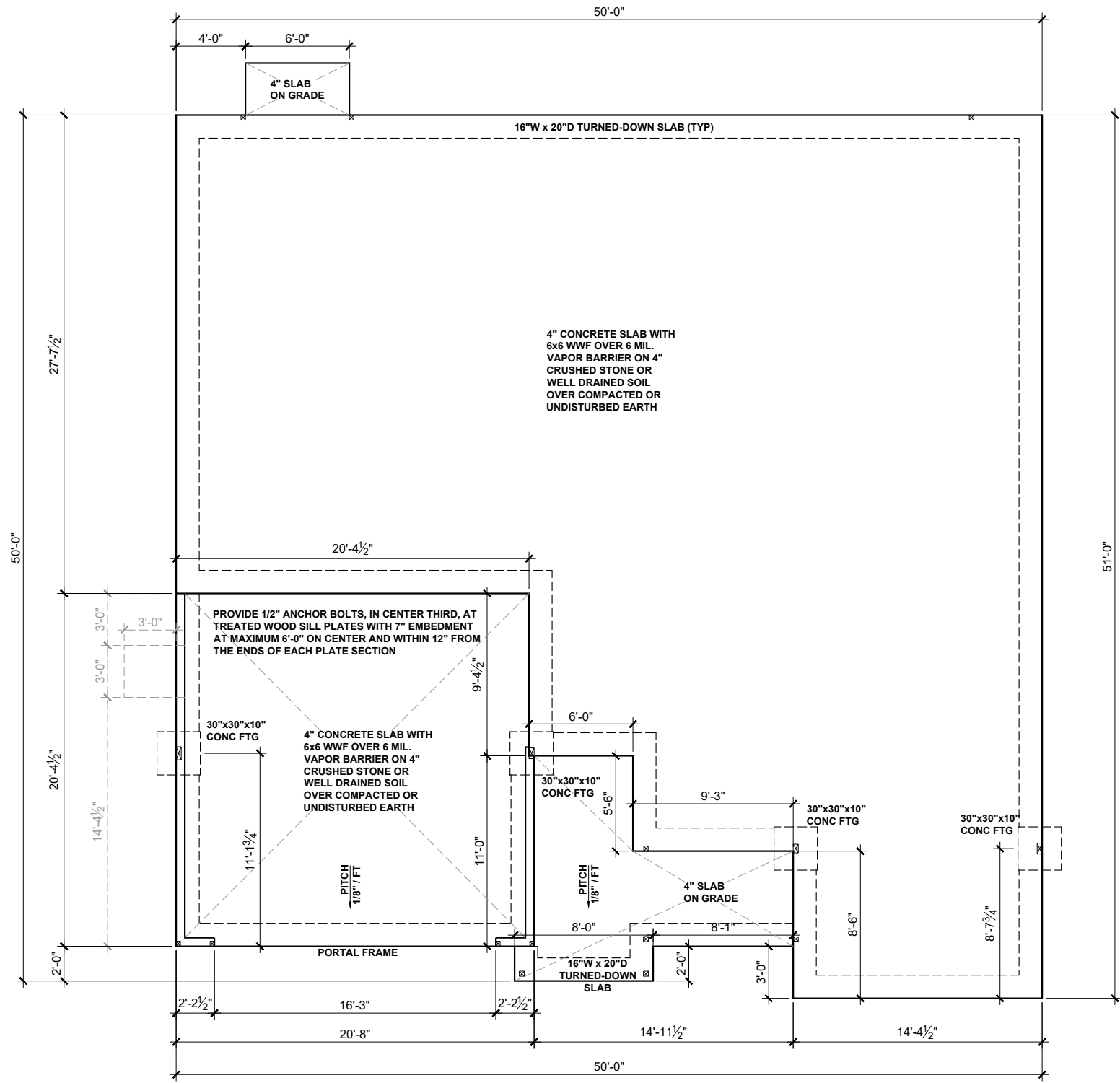


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PLAN:  
**150.1910**

ROOF FRAMING PLAN  
**S7.0B**

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**BEAM & POINT LOAD LEGEND**

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	STRUCTURAL BEAM / GIRDER
	WINDOW / DOOR HEADER
	POINT LOAD TRANSFER
	POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

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

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



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NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 766-7988  
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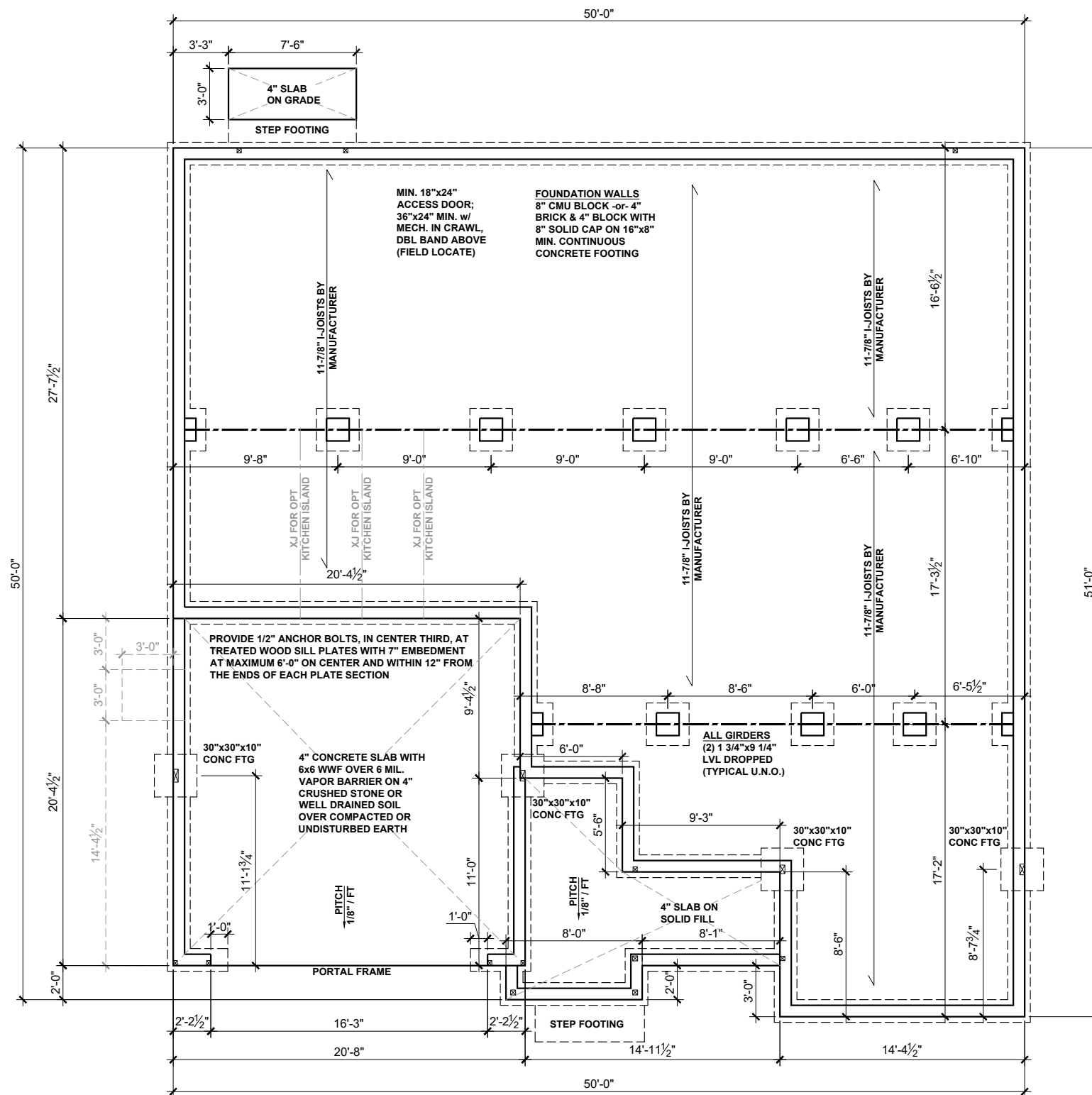
PLAN:  
**150.1910**

SLAB  
FOUNDATION PLAN

**S.10C**

**SLAB FOUNDATION PLAN - 'C'**  
SCALE: 1/8"=1'-0"

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**BEAM & POINT LOAD LEGEND**

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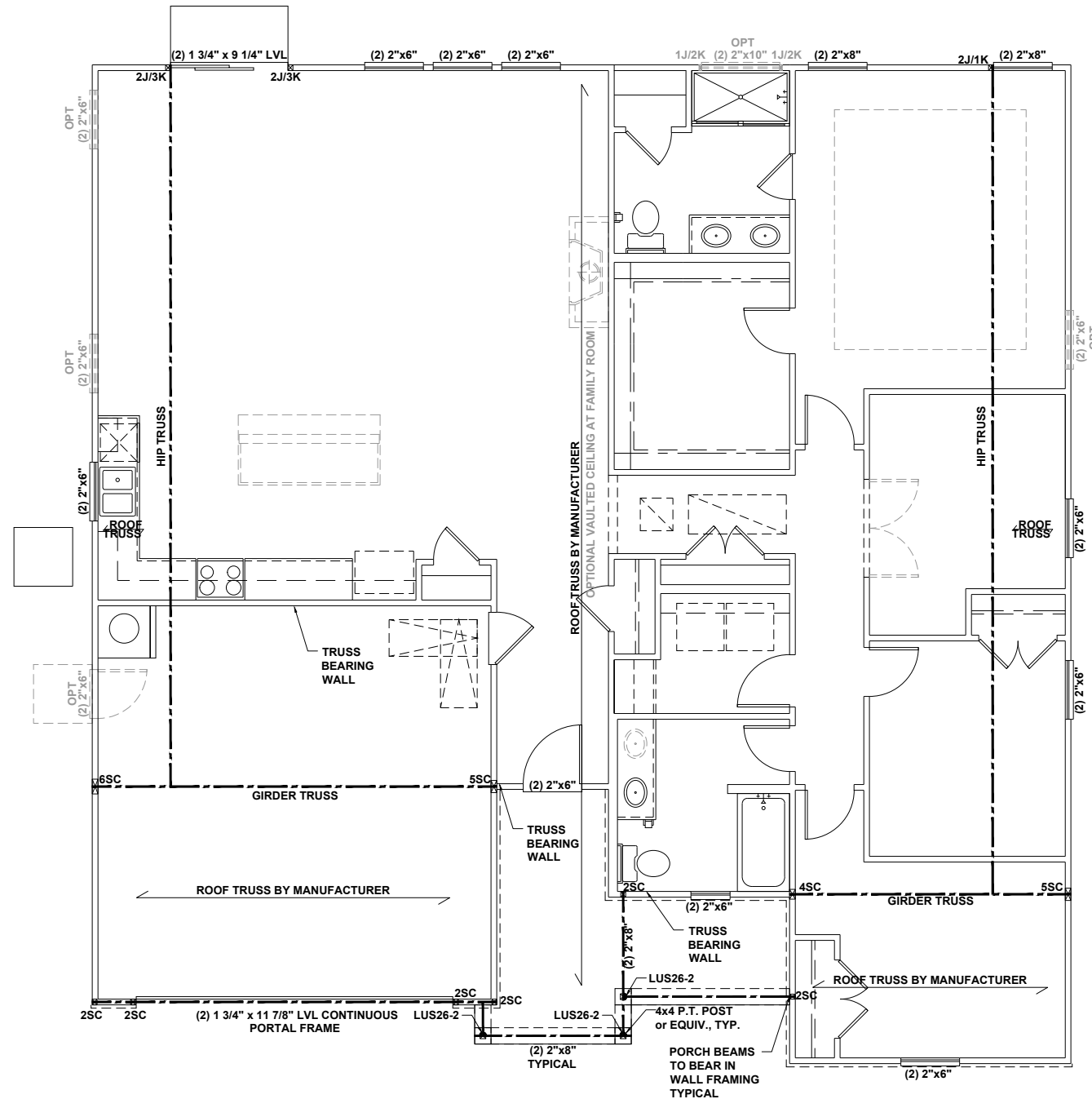
CRAWL SPACE  
 FOUNDATION PLAN

**S.30C**

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

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

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**FIRST FLOOR CEILING FRAMING PLAN - 'C'**  
 SCALE: 1/8"=1'-0"

**BEAM & POINT LOAD LEGEND**

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

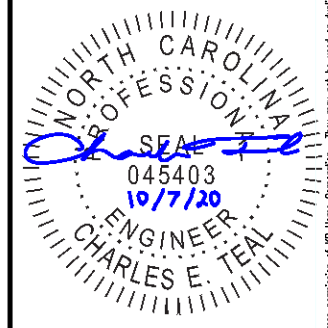
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FLOOR FRAMING TO BE 14" DEEP TJI 210 SERIES OR EQUAL, 19.2" OC MAXIMUM SPACING



**KB HOME**  
 NORTH CAROLINA DIVISION  
 4518 S. MIAMI BLVD.  
 SUITE 180  
 DURHAM, NC 27703  
 TEL: (919) 768-7988  
 FAX: (919) 472-0582



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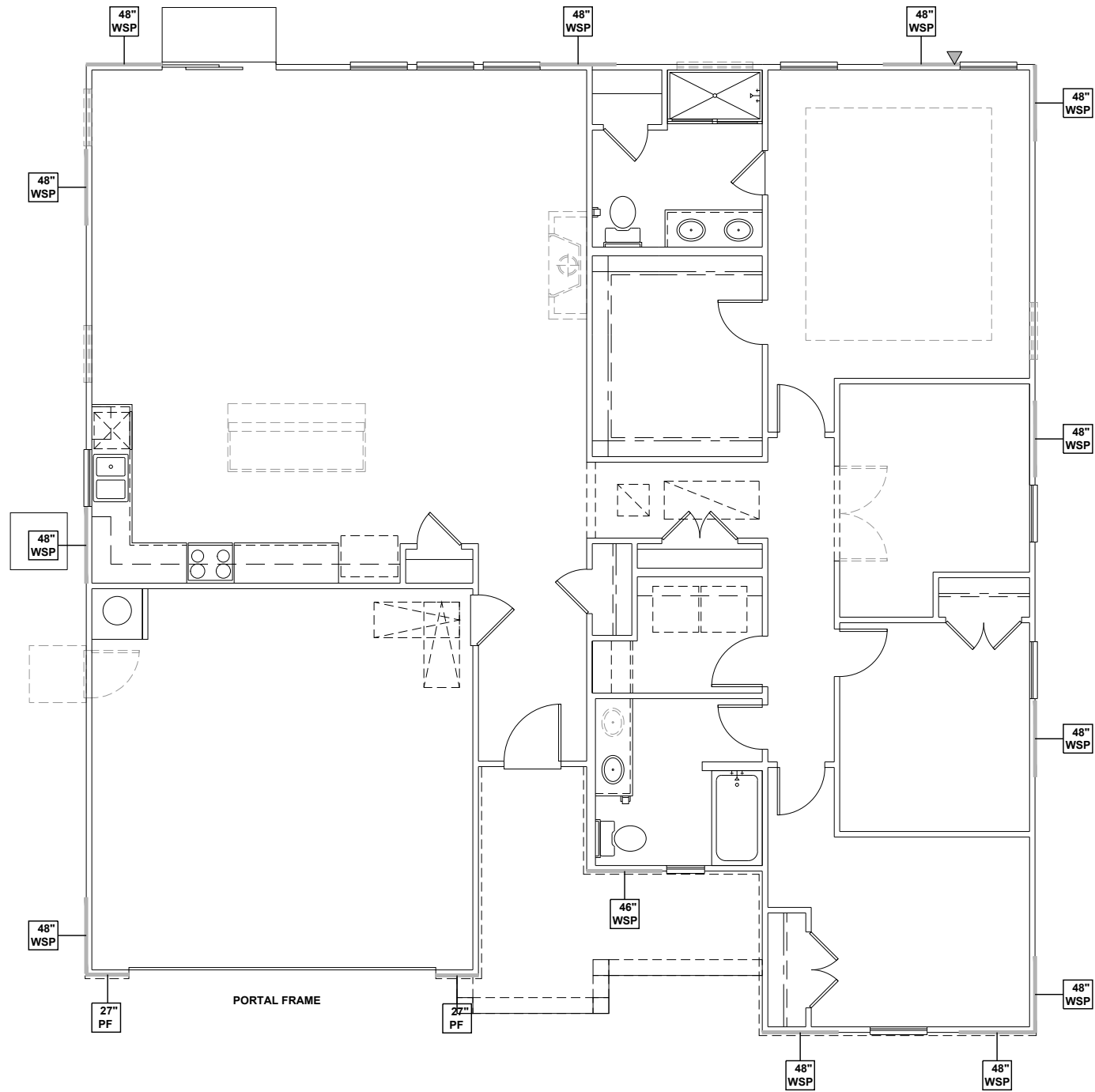
PROJECT NO.: 20901649  
 DATE: 10/07/2020

PLAN:  
**150.1910**

FIRST FLOOR  
 CEILING FRAMING PLAN

**S1.0C**

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**FIRST FLOOR WALL BRACING PLAN - 'C'**  
 SCALE: 1/8"=1'-0"

**WALL BRACING REQUIREMENTS**

- MINIMUM PANEL WIDTH IS 24"
- FIGURES BASED ON THE CONTINUOUS SHEATHING METHOD USING THE RECTANGLE CIRCUMSCRIBED AROUND THE FLOOR PLAN OR PORTION OF THE FLOOR PLAN. IF NO RECTANGLE IS NOTED, THE STRUCTURE HAS BEEN FIGURED ALL WITHIN ONE RECTANGLE.
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- FOR ADDITIONAL WALL BRACING INFORMATION, REFER TO WALL BRACING DETAIL SHEET(S).
- SCHEMATIC BELOW INDICATES HOW SIDES OF RECTANGLE ARE TO BE INTERPRETED IN BRACING CHART WHEN APPLIED TO STRUCTURE:

- ◆ CS16 STRAP FROM STUD, CROSS HEADER, TO WALL TOP PLATE, 36" LONG MINIMUM
- ▶ SIMPSON MSTA15 HOLD DOWN CAPACITY OF 970 POUNDS PER ANCHOR WITH (12) 10d NAILS. STRAP TO BE LOCATED AT EDGE OF BRACED WALL PANEL. (CS16 STRAPPING MAY BE SUBSTITUTED w/ SIMILAR LENGTH AND NAILING PATTERN.) USE HTT4 FOR ATTACHMENT TO CONCRETE.

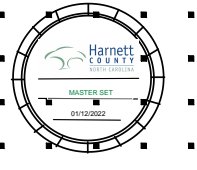
SCALED LENGTH OF WALL PANEL AT LOCATION — 24" WSP — NUMERICAL LENGTH OF PANEL — PANEL TYPE

**WALL BRACING NOTE:**

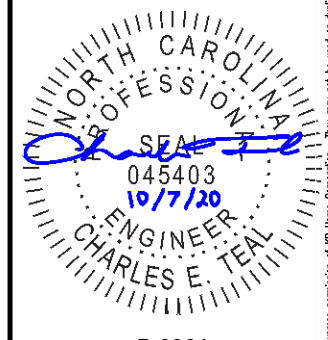
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**WALL BRACING: RECTANGLE 1**

SIDE	REQUIRED LENGTH	PROVIDED LENGTH
FRONT	6.5 FT.	17.0 FT.
RIGHT	6.5 FT.	16.0 FT.
REAR	6.5 FT.	12.0 FT.
LEFT	6.5 FT.	12.0 FT.



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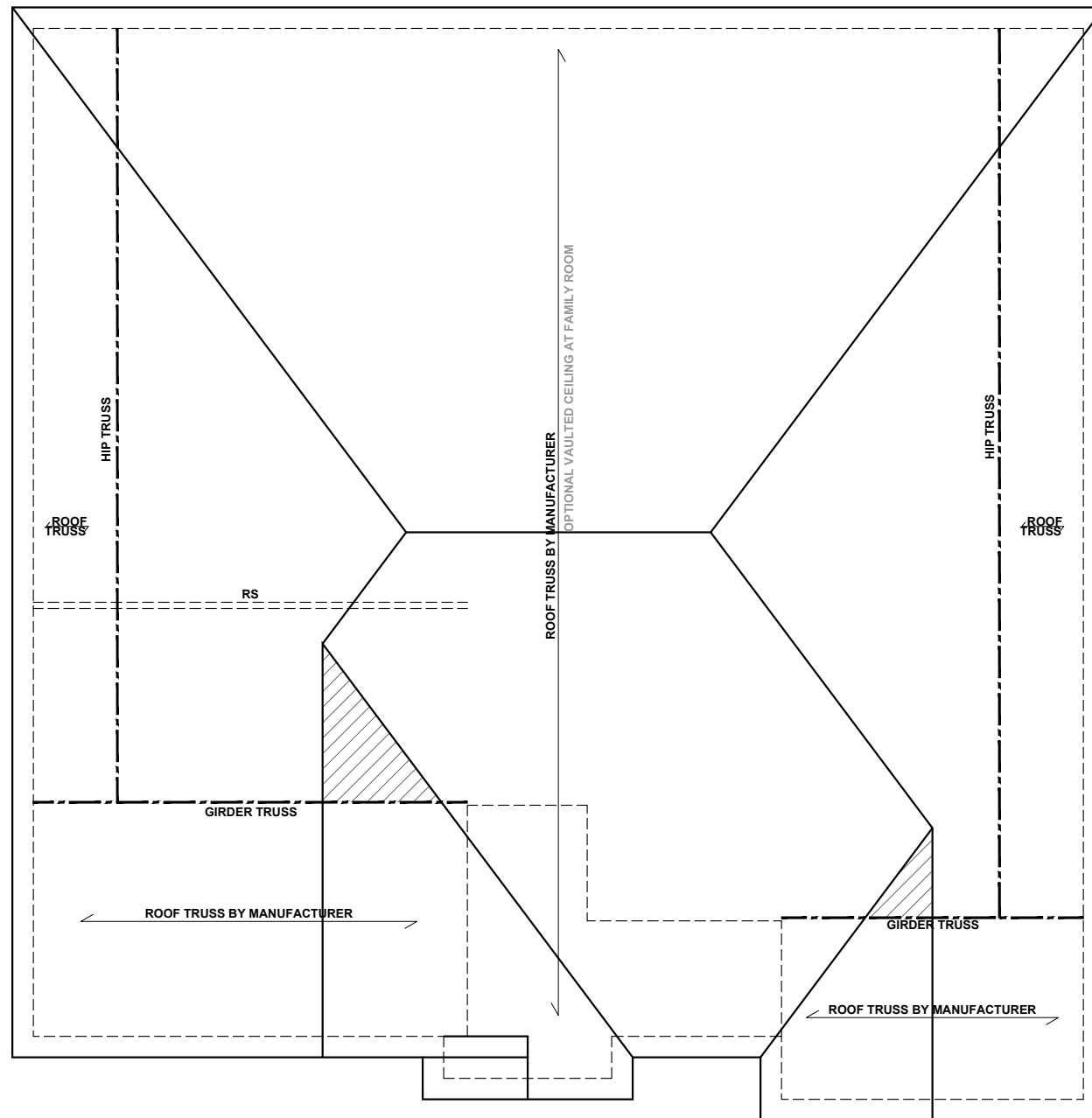
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PLAN:  
**150.1910**

FIRST FLOOR  
 WALL BRACING PLAN

**S4.0C**

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

**BEAM & POINT LOAD LEGEND**

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

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

**TRUSS UPLIFT CONNECTORS: EXPOSURE B, 115 MPH, ANY PITCH, 24" O.C. MAX ROOF TRUSS SPACING**

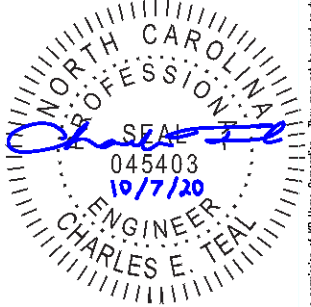
TRUSSES SHALL BE ATTACHED TO SUPPORT WALL FOR UPLIFT RESISTANCE. CONTINUOUS OSB WALL SHEATHING BELOW PROVIDES CONTINUOUS UPLIFT RESISTANCE TO FOUNDATION. ALL TRUSSES SUPPORTED BY INTERMEDIATE SUPPORT WALLS, KNEEWALLS, OR BEAMS SHALL BE ATTACHED TO SUPPORTING MEMBER PER SCHEDULE:

ROOF SPAN IS MEASURED HORIZONTALLY BETWEEN FURTHEST SUPPORT POINTS.

<b>ROOF PLAN</b> UP TO 28'	<b>CONNECTOR</b> NAILING PER TABLE 602.3(1) NCRBC 2018 EDITION
OVER 28'	(1) SIMPSON H2.5A HURRICANE CLIP TO DBL TOP PLATE OR BEAM  OR (1) SIMPSON H3 CLIP TO SINGLE 2x4 PLATE



**KB HOME**  
 NORTH CAROLINA DIVISION  
 4518 S. MIAMI BLVD.  
 SUITE 180  
 DURHAM, NC 27703  
 TEL: (919) 768-7988  
 FAX: (919) 472-0582



**P-0961**

JDSfaulkner, PLLC HAS PERFORMED A STRUCTURAL REVIEW OF THESE PLANS. THE STRUCTURAL COMPONENTS COMPLY WITH THE 2018 NORTH CAROLINA RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS FOR NC PLAN REVIEW. DEVIATION OF ANY STRUCTURAL REQUIREMENTS OF THESE PLANS WITHOUT THE APPROVAL OF THE EOR IS PROHIBITED.

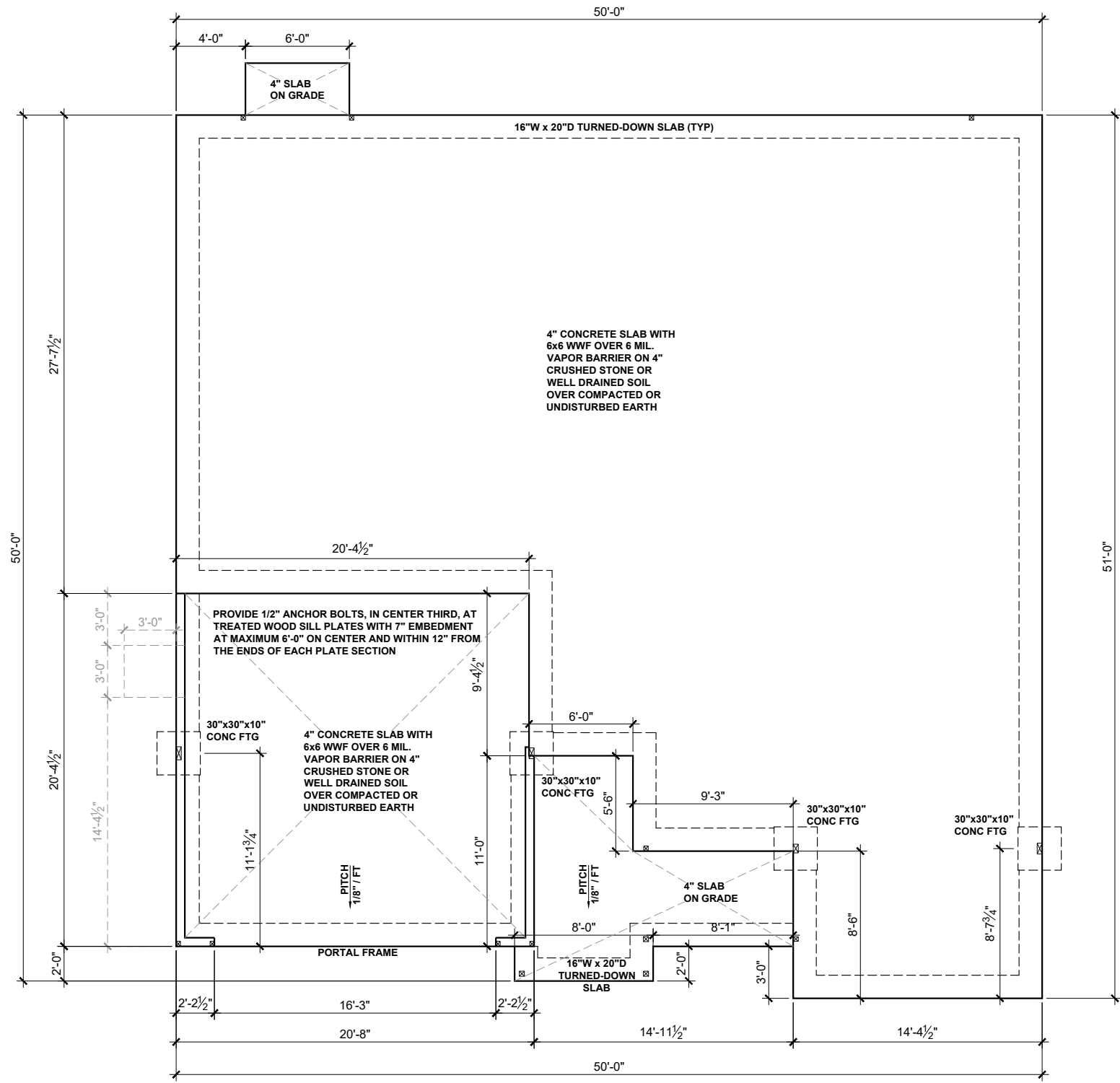


PROJECT NO.: 20901649  
 DATE: 10/07/2020

PLAN:  
**150.1910**

ROOF FRAMING PLAN  
**S7.0C**

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**BEAM & POINT LOAD LEGEND**

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

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

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



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 NORTH CAROLINA DIVISION  
 4518 S. MIAMI BLVD.  
 SUITE 180  
 DURHAM, NC 27703  
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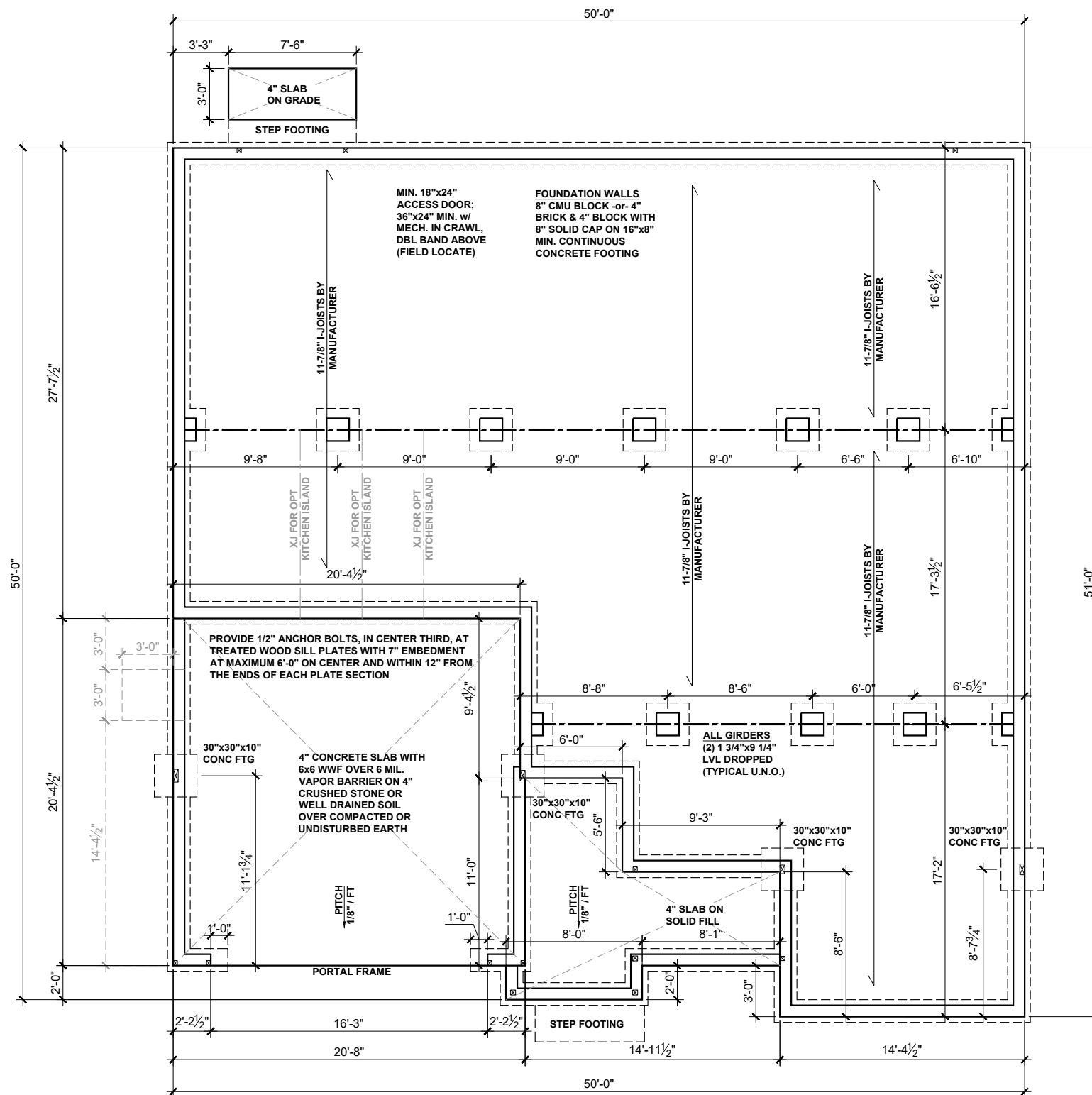
PROJECT NO.: 20901649  
 DATE: 10/07/2020

PLAN:  
**150.1910**

SLAB  
 FOUNDATION PLAN  
**S.10D**

**SLAB FOUNDATION PLAN - 'D'**  
 SCALE: 1/8"=1'-0"

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**BEAM & POINT LOAD LEGEND**

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

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

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



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 NORTH CAROLINA DIVISION  
 4518 S. MIAMI BLVD.  
 SUITE 180  
 DURHAM, NC 27703  
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 DATE: 10/07/2020

PLAN:  
**150.1910**

CRAWL SPACE  
 FOUNDATION PLAN

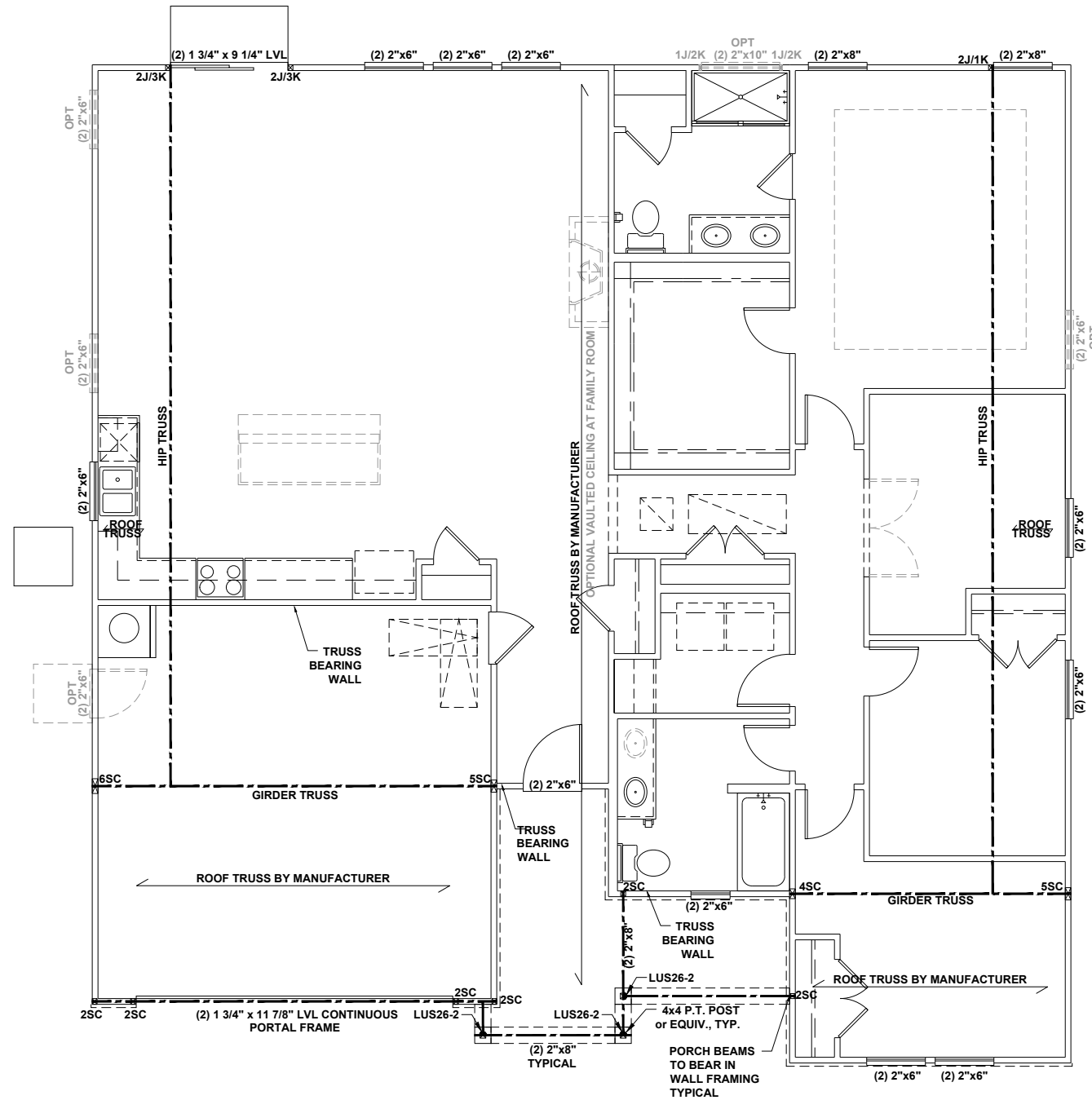
**S.30D**

**CRAWL SPACE FOUNDATION PLAN - 'D'**

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

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# FIRST FLOOR CEILING FRAMING PLAN - 'D'

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

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

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

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

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

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



**KB HOME**  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
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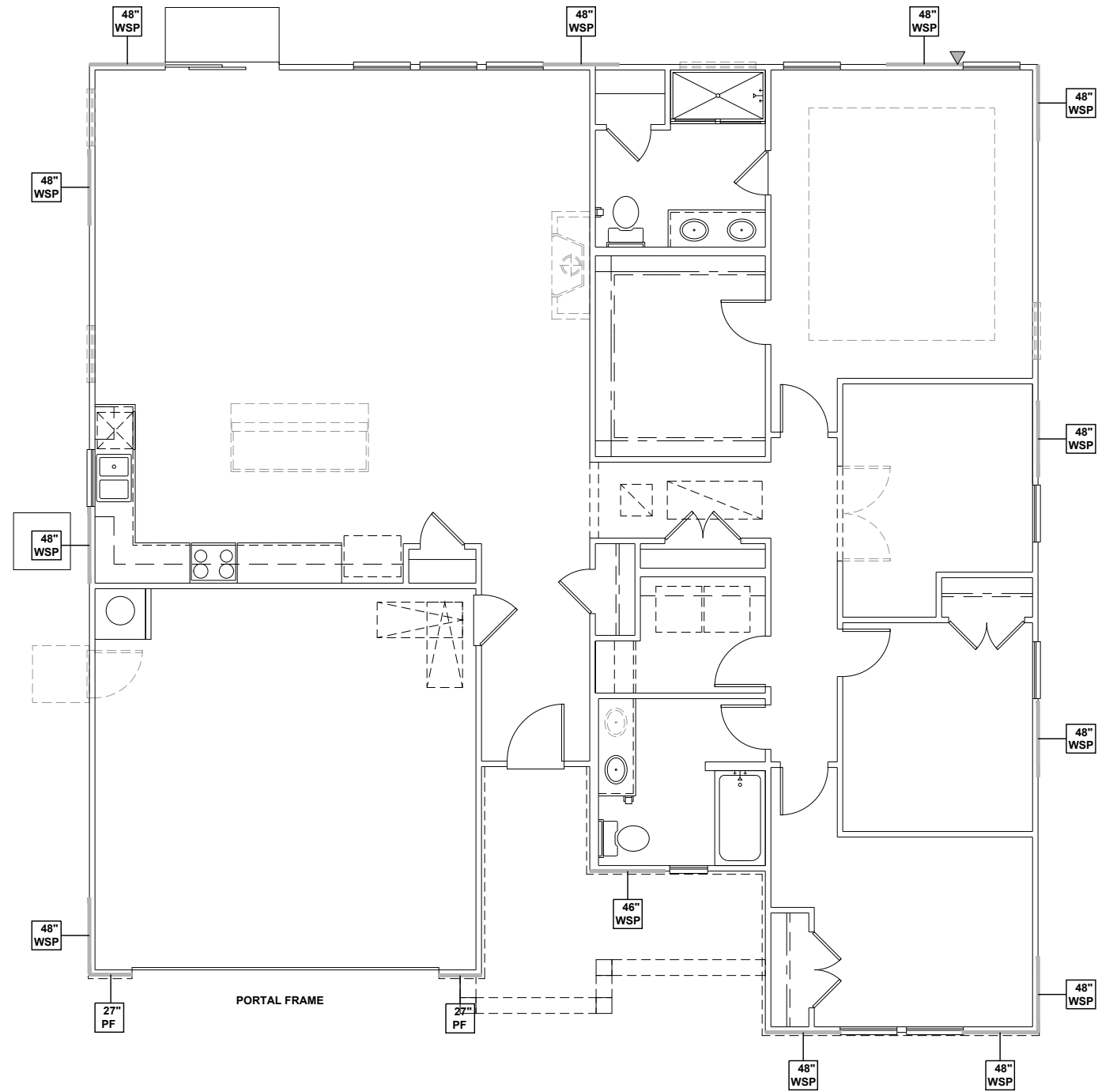
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DATE: 10/07/2020

PLAN:  
**150.1910**

FIRST FLOOR  
CEILING FRAMING PLAN

**S1.0D**

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**FIRST FLOOR WALL BRACING PLAN - 'D'**  
 SCALE: 1/8"=1'-0"

**WALL BRACING REQUIREMENTS**

- MINIMUM PANEL WIDTH IS 24"
- FIGURES BASED ON THE CONTINUOUS SHEATHING METHOD USING THE RECTANGLE CIRCUMSCRIBED AROUND THE FLOOR PLAN OR PORTION OF THE FLOOR PLAN. IF NO RECTANGLE IS NOTED, THE STRUCTURE HAS BEEN FIGURED ALL WITHIN ONE RECTANGLE.
- PANELS MAY SHIFT UP TO 36" EITHER DIRECTION FOR EASE OF CONSTRUCTION (NAILING & BLOCK REQUIREMENTS STILL APPLY).
- FOR ADDITIONAL WALL BRACING INFORMATION, REFER TO WALL BRACING DETAIL SHEET(S).
- SCHEMATIC BELOW INDICATES HOW SIDES OF RECTANGLE ARE TO BE INTERPRETED IN BRACING CHART WHEN APPLIED TO STRUCTURE:

- ◆ CS16 STRAP FROM STUD, CROSS HEADER, TO WALL TOP PLATE, 36" LONG MINIMUM
- ▶ SIMPSON MSTA15 HOLD DOWN CAPACITY OF 970 POUNDS PER ANCHOR WITH (12) 10d NAILS. STRAP TO BE LOCATED AT EDGE OF BRACED WALL PANEL. (CS16 STRAPPING MAY BE SUBSTITUTED w/ SIMILAR LENGTH AND NAILING PATTERN.) USE HTT4 FOR ATTACHMENT TO CONCRETE.

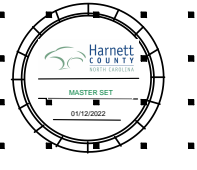
SCALED LENGTH OF WALL PANEL AT LOCATION — 24" WSP — NUMERICAL LENGTH OF PANEL — PANEL TYPE

**WALL BRACING NOTE:**

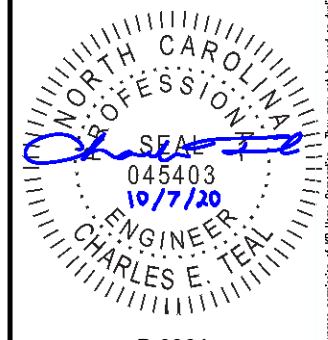
WALLS WITH PROVIDED LENGTH LISTED AS "N/A" DO NOT MEET THE REQUIREMENTS OF PRESCRIPTIVE WALL BRACING FOUND IN THE NCRC. THESE WALLS HAVE BEEN ENGINEERED BASED ON DESIGN GUIDELINES ESTABLISHED IN ASCE-07 AND THE NDS: WIND & SEISMIC PROVISIONS SUPPLEMENT.

**WALL BRACING: RECTANGLE 1**

SIDE	REQUIRED LENGTH	PROVIDED LENGTH
FRONT	6.5 FT.	17.0 FT.
RIGHT	6.5 FT.	16.0 FT.
REAR	6.5 FT.	12.0 FT.
LEFT	6.5 FT.	12.0 FT.



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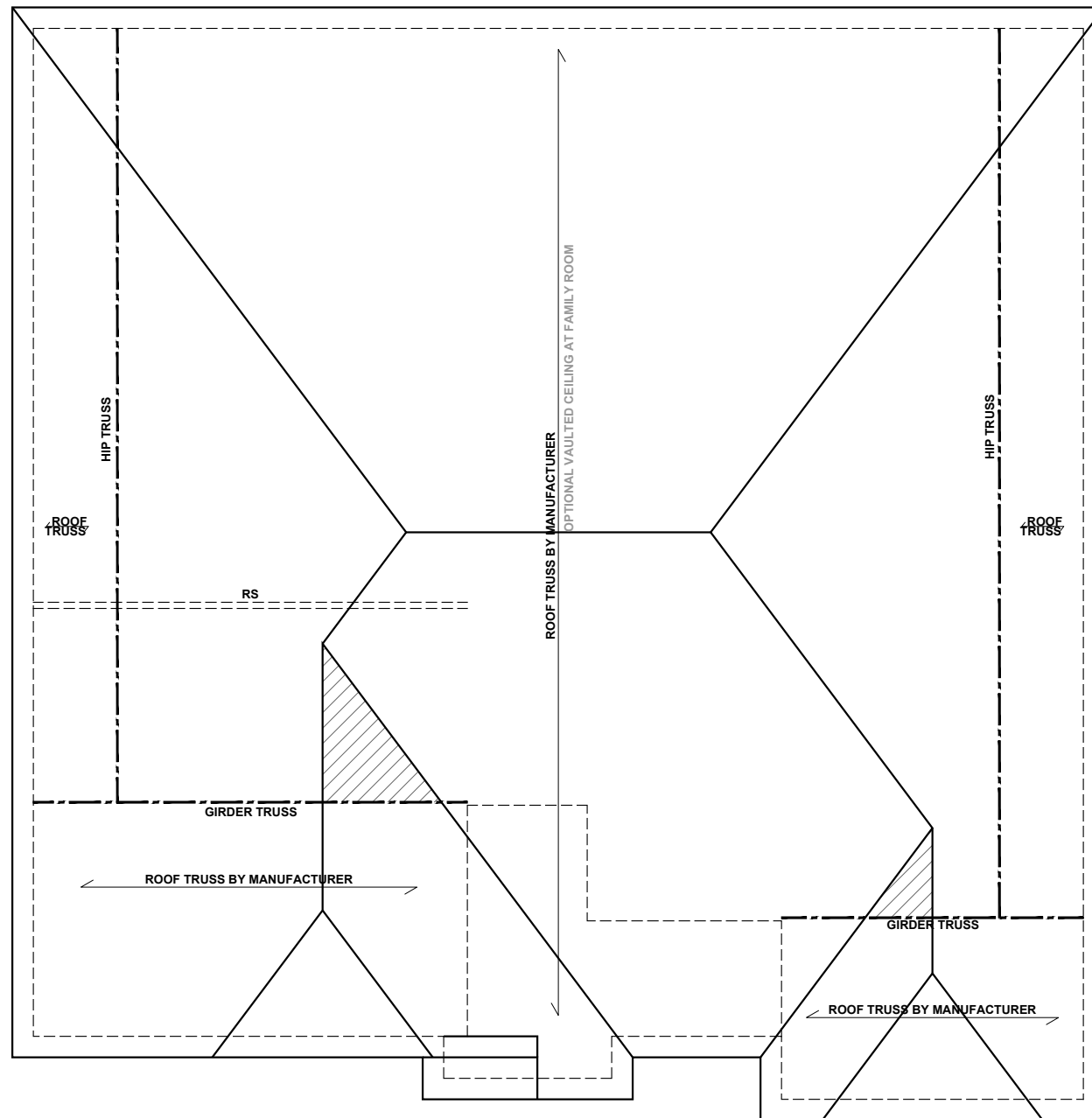
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FIRST FLOOR  
 WALL BRACING PLAN

**S4.0D**

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

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- TRUSSED ROOF - STRUCTURAL NOTES**
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  - DENOTES OVER-FRAMED AREA
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**TRUSS UPLIFT CONNECTORS: EXPOSURE B, 115 MPH, ANY PITCH, 24" O.C. MAX ROOF TRUSS SPACING**

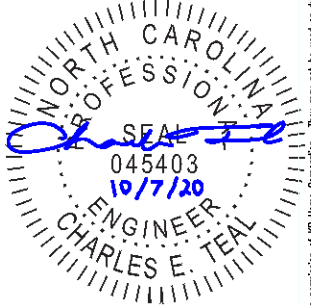
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ROOF SPAN IS MEASURED HORIZONTALLY BETWEEN FURTHEST SUPPORT POINTS.

<b>ROOF PLAN</b> UP TO 28'	<b>CONNECTOR</b> NAILING PER TABLE 602.3(1) NCRBC 2018 EDITION
OVER 28'	(1) SIMPSON H2.5A HURRICANE CLIP TO DBL TOP PLATE OR BEAM  OR (1) SIMPSON H3 CLIP TO SINGLE 2x4 PLATE



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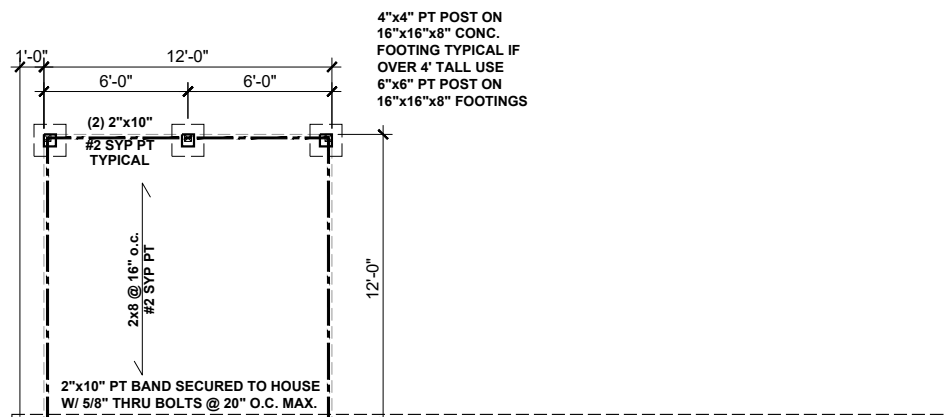


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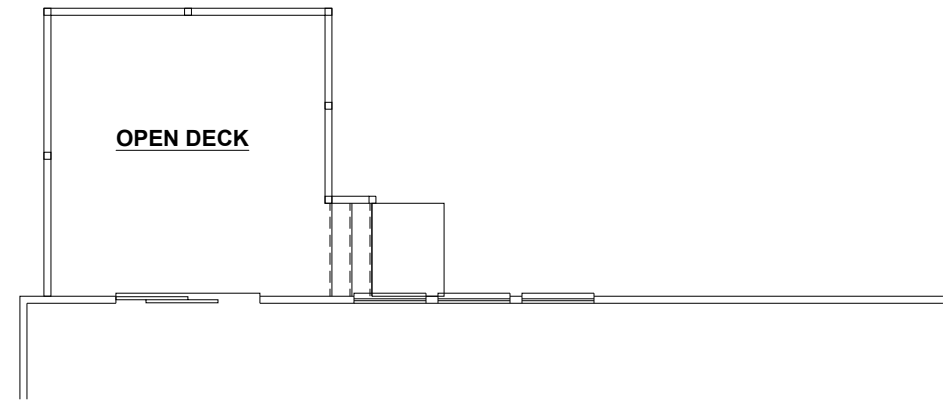
ROOF FRAMING PLAN  
**S7.0D**

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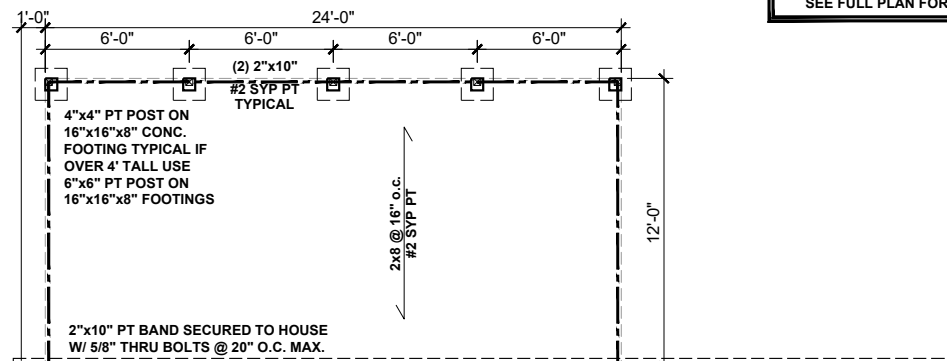
**CRAWL FDN**

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



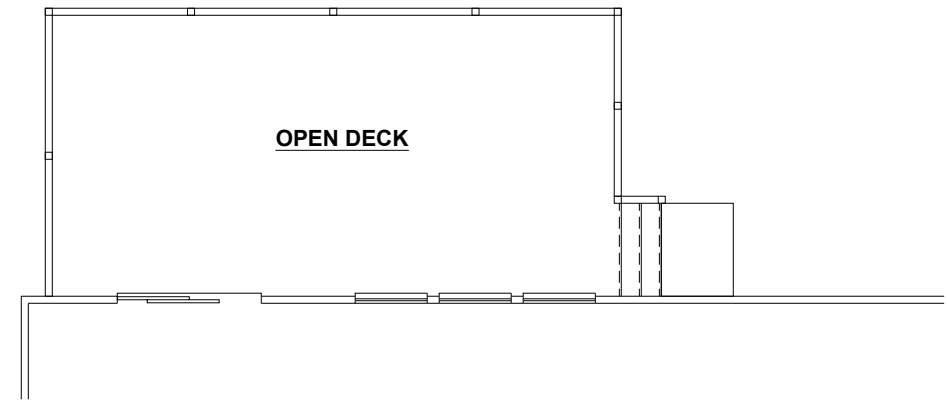
**12'x12' DECK**

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



**CRAWL FDN**

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



**12'x24' DECK**

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

**BEAM & POINT LOAD LEGEND**

- INTERIOR LOAD BEARING WALL
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- ⊠ POINT LOAD TRANSFER
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SEE FULL PLAN FOR ADDITIONAL INFORMATION



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**JDSfaulkner**  
 engineering + design + consulting  
 8600 D JERSEY CT, RALEIGH, NC 27617.919.480.1075  
 INFO@JDSfaulkner.COM ; WWW.JDSfaulkner.COM

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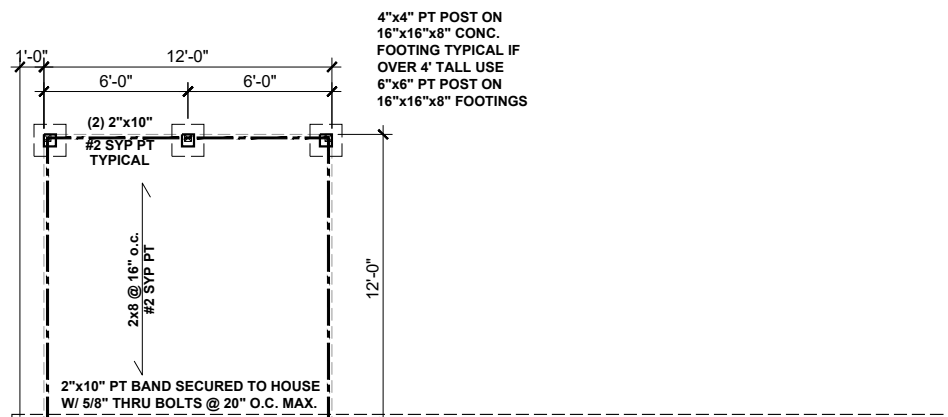
PLAN:  
**150.1910**

REAR OPTIONS  
**R01**

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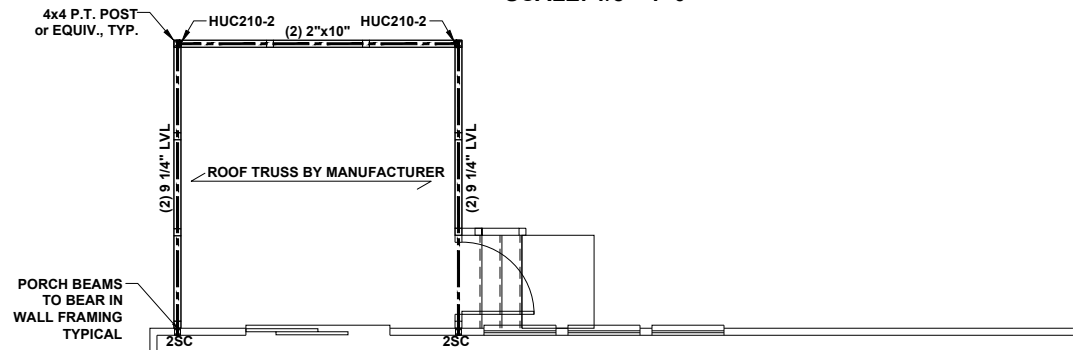
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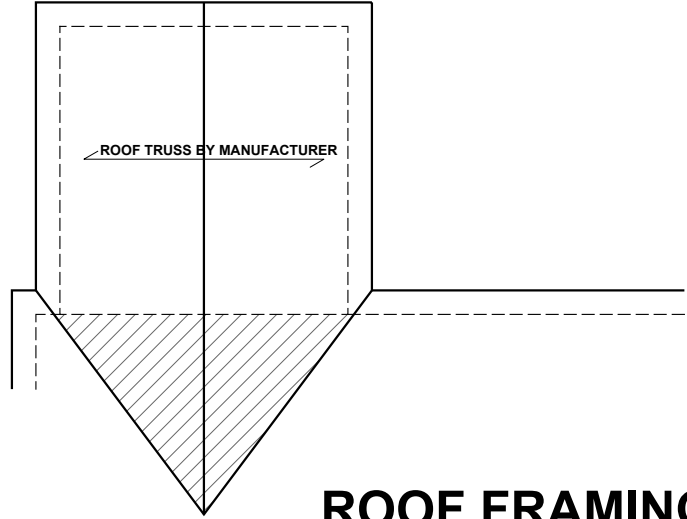
**CRAWL FDN**

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



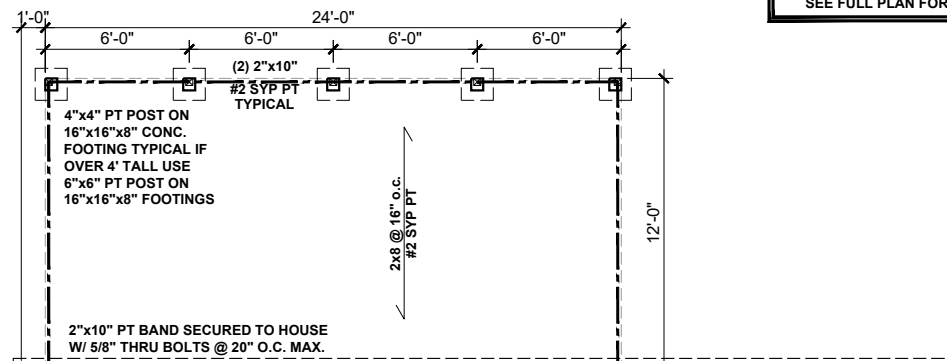
**12'x12' SCREENED DECK**

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



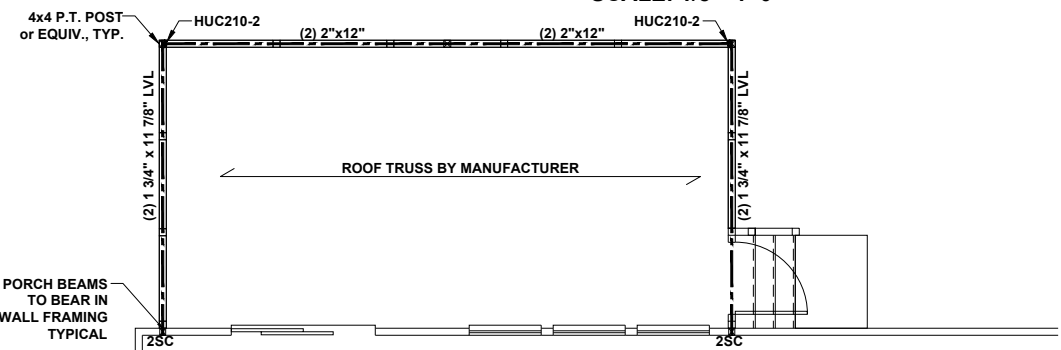
**ROOF FRAMING PLAN**

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



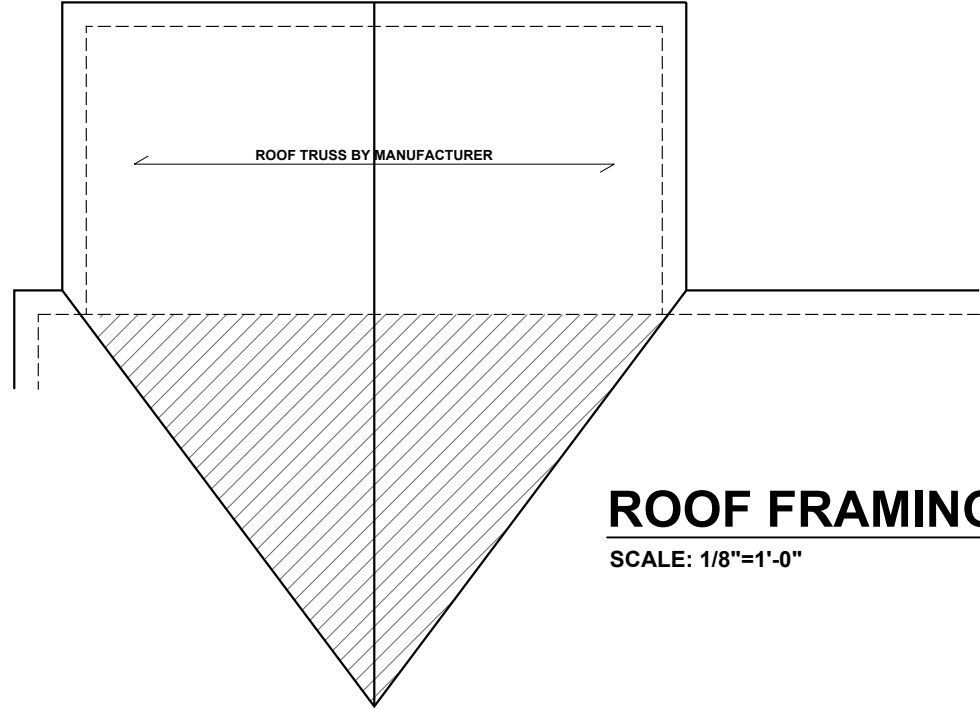
**CRAWL FDN**

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



**12'x24' SCREENED DECK**

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



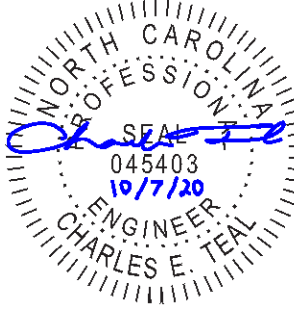
**ROOF FRAMING PLAN**

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

**SCREENED DECK**



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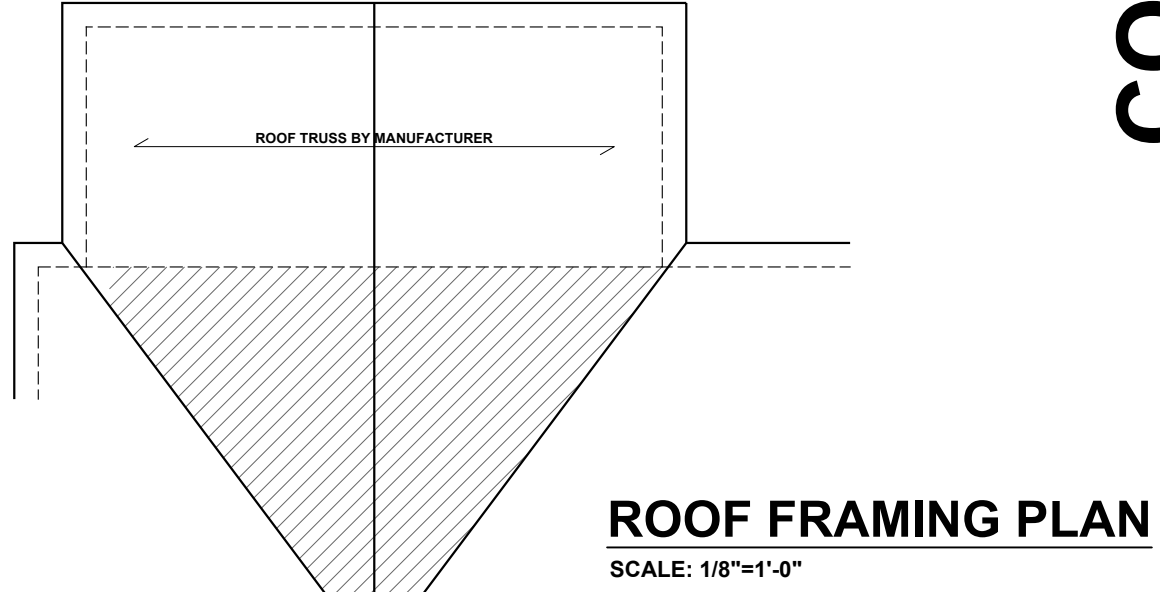
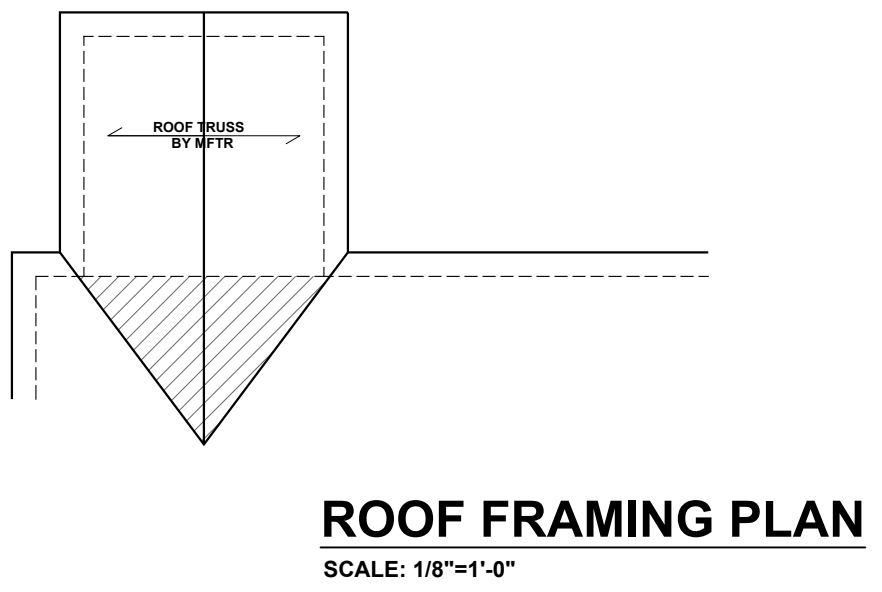
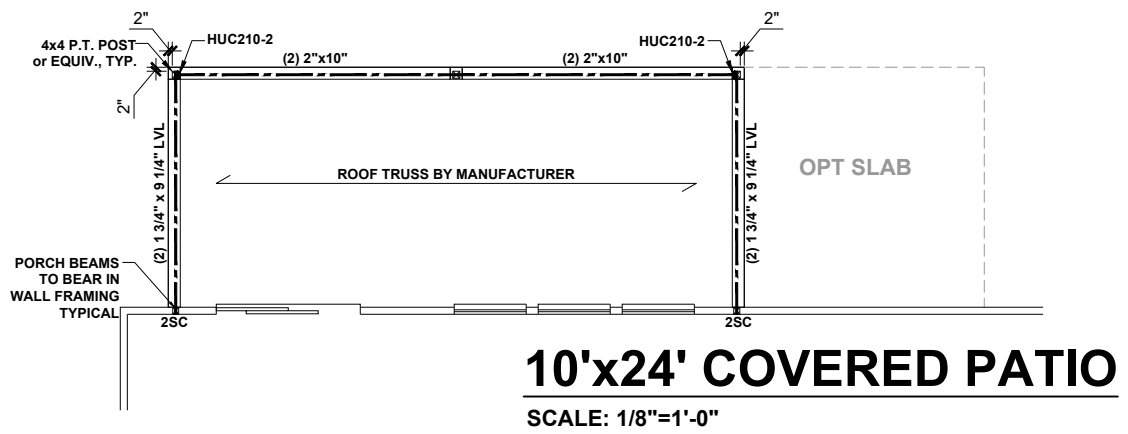
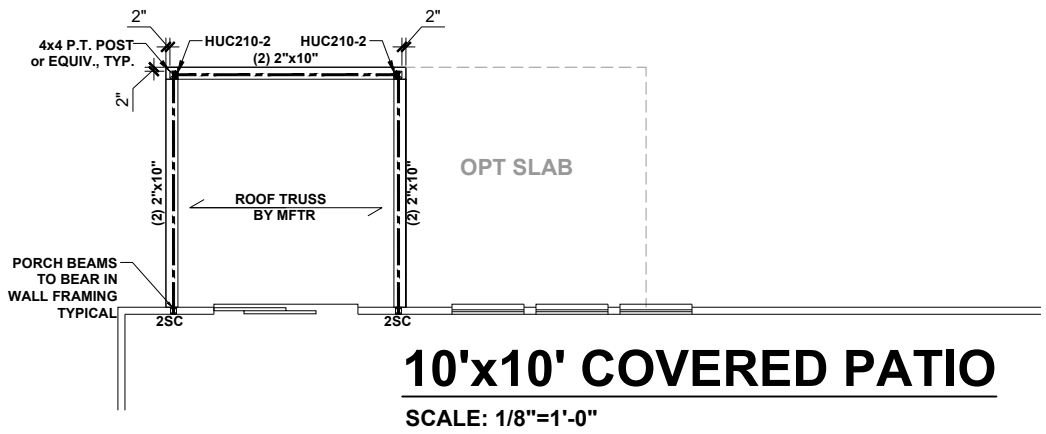
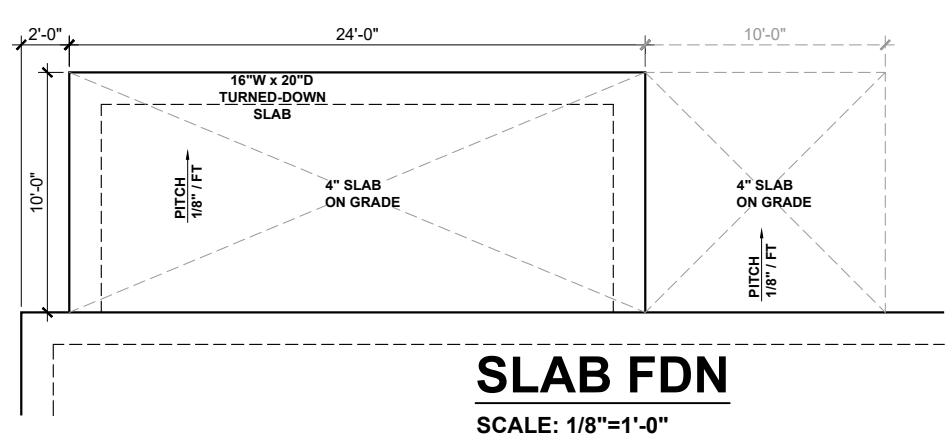
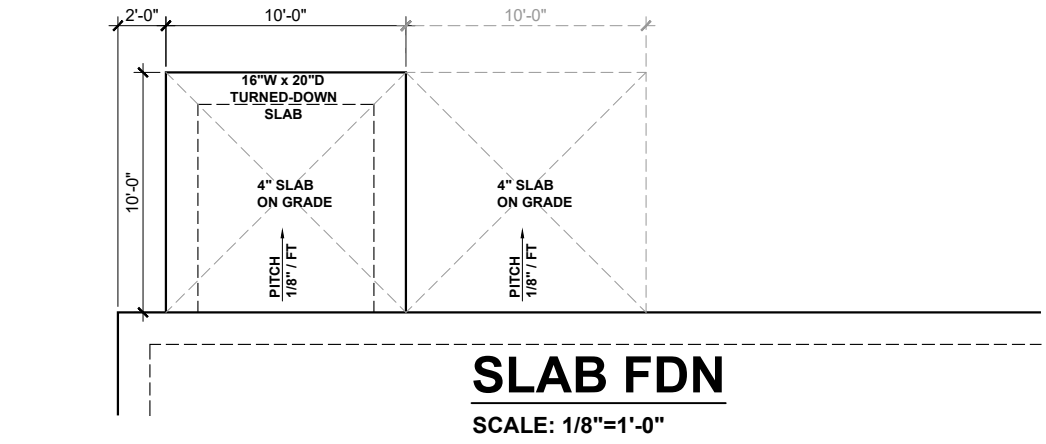
PLAN:  
**150.1910**

REAR OPTIONS  
**R02**

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

SEE FULL PLAN FOR ADDITIONAL INFORMATION



**COVERED PATIO**



**KB HOME**  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582



P-0961

JDSfaulkner, PLLC HAS PERFORMED A STRUCTURAL REVIEW OF THESE PLANS. THE STRUCTURAL COMPONENTS COMPLY WITH THE 2018 NORTH CAROLINA RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS FOR NC PLAN REVIEW. DEVIATION OF ANY STRUCTURAL REQUIREMENTS OF THESE PLANS WITHOUT THE APPROVAL OF THE EOR IS PROHIBITED.



PROJECT NO.: 20901649  
DATE: 10/07/2020

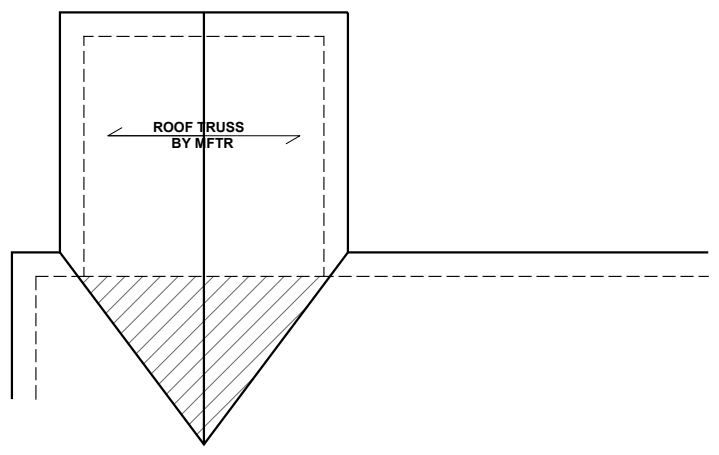
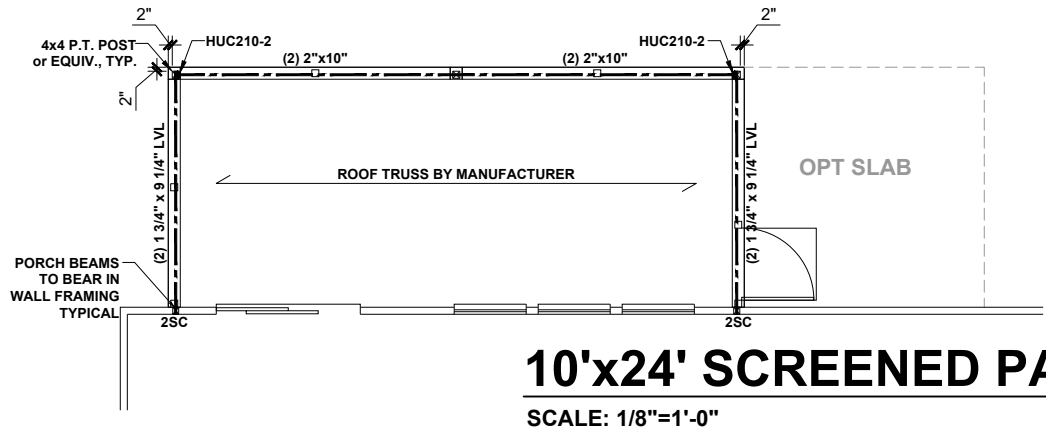
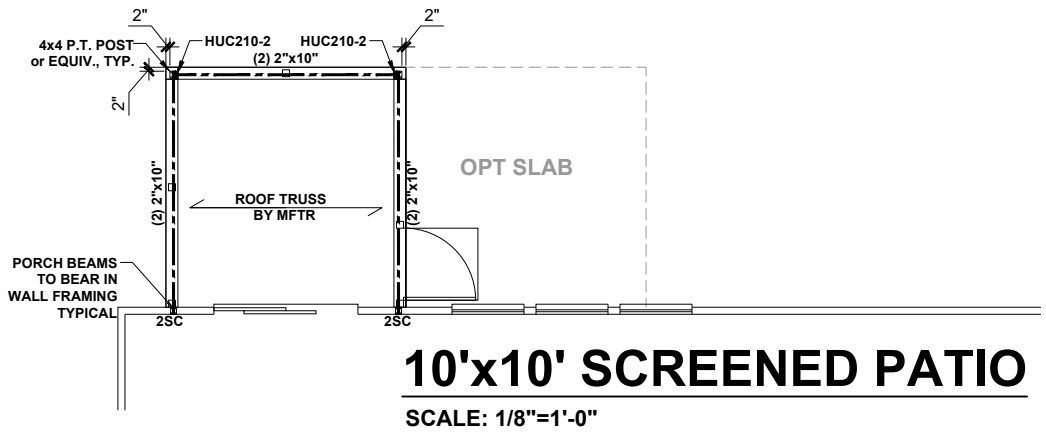
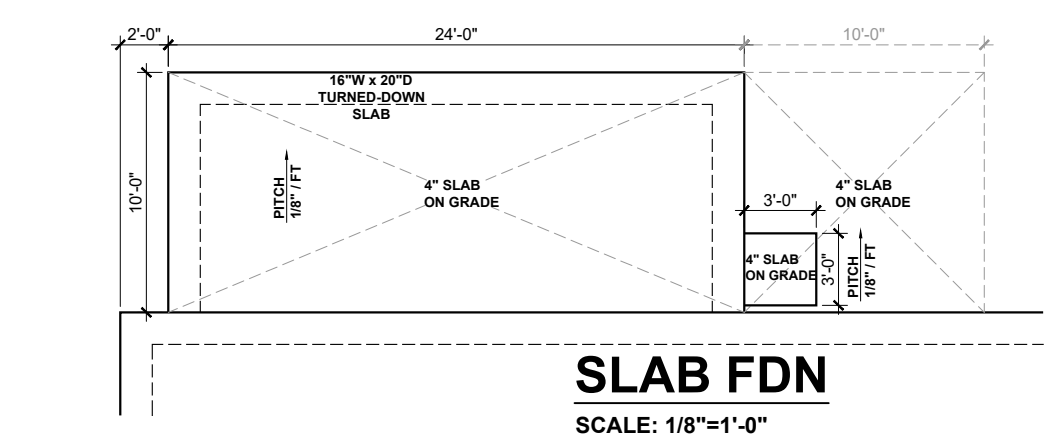
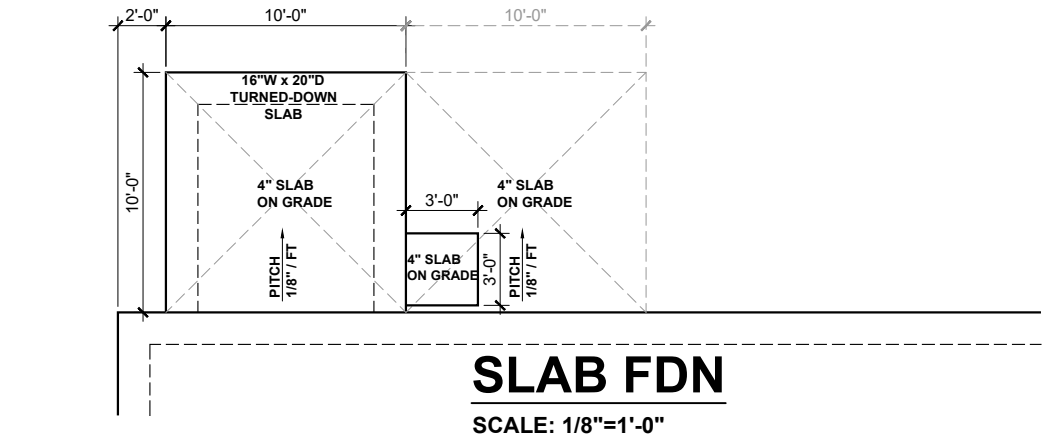
PLAN:  
**150.1910**

REAR OPTIONS  
**R03**

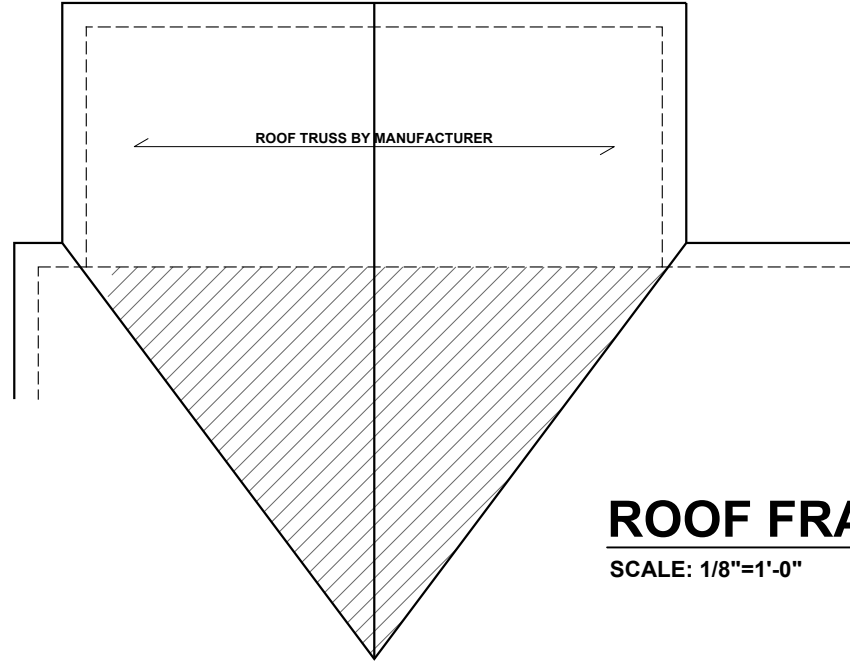
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BEAM & POINT LOAD LEGEND	
	INTERIOR LOAD BEARING WALL
	ROOF RAFTER / TRUSS SUPPORT
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	STRUCTURAL BEAM / GIRDER
	WINDOW / DOOR HEADER
	POINT LOAD TRANSFER
	POINT LOAD FROM ABOVE BEARING ON BEAM / GIRDER

SEE FULL PLAN FOR ADDITIONAL INFORMATION



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



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

**SCREENED PATIO**



**KB HOME**  
NORTH CAROLINA DIVISION  
4518 S. MIAMI BLVD.  
SUITE 180  
DURHAM, NC 27703  
TEL: (919) 768-7988  
FAX: (919) 472-0582



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DATE: 10/07/2020

PLAN:  
**150.1910**

REAR OPTIONS  
**R04**

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