



NORTH CAROLINA 50' SERIES PLAN 150.1910-R LOT 2 - HIGHLAND GROVE - ELEVATION B

ABBREVIATIONS

| | | | | |
|----------|------------------------|------------|------------------|----------|
| ABV. | ABOVE | 6.F.T. | GROUND-FALL | R.O. |
| A/C | AIR CONDITIONING | 5 | SHELF AND POLE | S.P. |
| ADJ. | ADJUSTABLE | 6.I. | SOLID CORE | S.C. |
| ADJ. | ADJUSTABLE | 9.C. | SMOKE DETECTOR | S.D. |
| AMP. | AMPLIFIER | 6.P. | STYPSUM BOARD | S.B. |
| BD. | BOARD | H.C. | HOLLOW CORE | H.C. |
| ¢ | CENTER LINE | HDR. | HEADER | HDR. |
| CAB. | CABINET | HGT. / HT. | HEIGHT | HGT. |
| C6. | CELINGS | SHV. | SHOWER | SHV. |
| CLF. | CLAR | SH. | SIMILAR | SH. |
| CONC. | CONCRETE | SL. | SLAB | SL. |
| CPT. | CARPET | SL. GL. | SLIDING GLASS | SL. GL. |
| C.T. | CERAMIC TILE | INSUL. | INSULATION | INSUL. |
| DBL. | DOUBLE | LAM. | LAMINATED | LAM. |
| D.B. | DRYER | INT. | INTERIOR | INT. |
| D.P. | DUAL GLAZED | THK. | THICK | THK. |
| DIA. | DIAMETER | LUM. | LUMINOUS | LUM. |
| DISP. | DISPOSAL | MFR. | MANUFACTURER | MFR. |
| D.T. | DIVIDED LIGHT | MIN. | MINIMUM | MIN. |
| DR. | DOOR | MNTD. | MOUNTED | MNTD. |
| D.S. | DOWNSPOUT | N.T.S. | NOT TO SCALE | N.T.S. |
| D.M. | DISHWASHER | O. | OVER | O. |
| E.A. | EACH | O.C. | ON CENTER | O.C. |
| ELEV. | ELEVATION | OPT. | OPTIONAL | OPT. |
| EQ. | EQUAL | O.S.A. | OUTSIDE AIR | O.S.A. |
| EXH. | EXHAUST | M. | MATERIAL | M. |
| EXT. | EXTERIOR | P.B. | PUSH BUTTON | P.B. |
| F.A.U. | FORCED AIR UNIT | PH. | PHONE | PH. |
| F.C. | FIBER CEMENT | PLT. | PLATE | PLT. |
| F6/FX. | FIXED GLASS | PLYWD. | PLYWOOD | PLYWD. |
| F6. | FUEL GAS | FR. | FR. | FR. |
| FIN. | FINISH | P.T.D.F. | PRESSURE TREATED | P.T.D.F. |
| F.L.R. | FLOOR LINE | R. | RISER | R. |
| F.L.U.R. | FLOOR LINE | RAD. | RAVUS | RAD. |
| F.R. DR. | FRENCH DOOR | R.A.G. | RETURN AIR GRILL | R.A.G. |
| F.M.C. | FLOOR MATERIAL | REF. | REFRIGERATOR | REF. |
| FLOR. | FLOOR | RE-SAWN | REVERSE | RE-SAWN |
| GA. | GAGE | REV. | REVERSE | REV. |
| 6AR. | DISP. GARBAGE DISPOSAL | R.M. | ROOM | R.M. |

ARCH. SYMBOLS

BUILDING SECTION

 SECTION INDICATOR SHEET NUMBER

DETAIL REFERENCE

 DETAIL NUMBER SHEET NUMBER

KEYNOTE REFERENCE

 SHEET NUMBER

REVISION REFERENCE

 REVISION NUMBER SHEET NUMBER

SCALE NOTE

 IF BOX IS 1" SQ. THEN SCALE IS 1/4" = 1'-0"
 IF BOX IS 1/2" SQ. THEN SCALE IS 1/8" = 1'-0"

CONSULTANTS

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 DURHAM, NC 27709
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 FAX: (919) 472-0582

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 120 PENNAK DRIVE, SUITE 108
 RALEIGH, NC 27605
 TEL: (919) 788-1888
 FAX: (919) 980-9999

TRUSS DESIGN
 BUILDERS FIRST SOURCE

SQUARE FOOTAGE

| | |
|----------------------------------|--------------|
| PLAN 150.1910-R | |
| FIRST FLOOR AREA | 1910 SQ. FT. |
| TOTAL AREA | 1910 SQ. FT. |
| GARAGE AREA | 418 SQ. FT. |
| ELEVATION A | 115 SQ. FT. |
| ELEVATION B | 114 SQ. FT. |
| ELEVATION C | 130 SQ. FT. |
| ELEVATION D | 190 SQ. FT. |
| COVERED PATIO | 100 SQ. FT. |
| EXTENDED COVERED PATIO | 240 SQ. FT. |
| SCREENED-IN COVERED PATIO | 100 SQ. FT. |
| OPEN DECK | 144 SQ. FT. |
| EXTENDED SCREENED-IN DECK | 240 SQ. FT. |
| SCREENED-IN DECK | 144 SQ. FT. |
| EXTENDED SCREENED-IN DECK | 288 SQ. FT. |

CODE INFORMATION

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| 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 |
| REVISIONS: | 1 VENTILATION (01/17/19) / KMA 2 PERMITS (01-25-20) / KMA 3 HOME OFFICE (07/19/20) / KMA |
| ISSUE DATE: | 12/13/19 |
| PROJECT NO.: | 1350999-57 |
| DIVISION MGR.: | MP |

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| REVISION LIST | | | |
| DELTA | DATE | SHEETS REVISED | LOG NUMBER |
| 2 | 09/25/20 | 19, 13, A3, B1, B4, B3, C1, C4, B3, D1, B4, B3, B5, B6, B5, C6, B5, D5, D6 | NC20019NCF |
| 3 | 07/19/20 | 19, 13, A1, B2 | CCRP20009CON |

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|-----------------------|--|
| LOG NUMBER | NC20019NCF |
| DATE | 09/25/20 |
| SHEETS REVISED | 19, 13, A3, B1, B4, B3, C1, C4, B3, D1, B4, B3, B5, B6, B5, C6, B5, D5, D6 |
| LOG NUMBER | CCRP20009CON |
| DATE | 07/19/20 |
| SHEETS REVISED | 19, 13, A1, B2 |

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| DECK OPTIONS | 17 PARTIAL PLANS & ELEVATIONS A/B/C/D/ W/ OPT. DECK AT CRAWL SPACE 18 PARTIAL PLANS & ELEVATIONS A/B/C/D/ W/ OPT. DECK AT CRAWL SPACE |
| DECK OPTIONS | 19 TITLE SHEET 20 GENERAL NOTES 21 GENERAL NOTES |
| DECK OPTIONS | 22 PARTIAL SLAB INTERFACE PLAN D' & C' 23 PARTIAL SLAB INTERFACE PLAN D' & C' 24 CRAWL SPACE FOUNDATION PLAN A' 25 PARTIAL CRAWL SPACE FOUNDATION PLANS B' & C' 26 PARTIAL CRAWL SPACE FOUNDATION PLANS D' |
| EXTERIOR ELEVATIONS | 27 ROOF PLAN, FRONT & REAR ELEVATIONS A' 28 LEFT & RIGHT ELEVATIONS A' 29 PARTIAL FLOOR PLAN, FRONT & LEFT ELEVATIONS W/ OPT. MASONRY AT CONCRETE PORCH 30 REAR, LEFT & RIGHT ELEVATIONS B' AT CRAWL SPACE 31 PARTIAL, FRONT ELEVATION W/ OPT. MASONRY AT CONCRETE PORCH 32 REAR, LEFT & RIGHT ELEVATIONS B' AT CRAWL SPACE 33 PARTIAL, FRONT ELEVATION W/ OPT. MASONRY AT CONCRETE PORCH 34 REAR, LEFT & RIGHT ELEVATIONS C' AT CRAWL SPACE 35 PARTIAL, FRONT & LEFT ELEVATIONS C' AT CRAWL SPACE 36 REAR, LEFT & RIGHT ELEVATIONS C' AT CRAWL SPACE 37 PARTIAL, FRONT ELEVATION C' AT CRAWL SPACE 38 PARTIAL, FRONT & LEFT ELEVATIONS C' AT CRAWL SPACE 39 PARTIAL, FRONT & REAR ELEVATIONS C' 40 PARTIAL FLOOR PLAN, C' 41 LEFT & RIGHT ELEVATIONS C' AT CRAWL SPACE 42 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS C' 43 PARTIAL FLOOR PLAN, C' 44 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 45 PARTIAL, FRONT & LEFT ELEVATIONS D' AT CRAWL SPACE 46 PARTIAL, FRONT ELEVATION W/ OPT. MASONRY AT CONCRETE PORCH 47 REAR, LEFT & RIGHT ELEVATIONS D' AT CRAWL SPACE 48 PARTIAL FLOOR PLAN, FRONT & LEFT ELEVATIONS D' AT CRAWL SPACE 49 PARTIAL, FRONT ELEVATION W/ OPT. MASONRY AT CONCRETE PORCH 50 REAR, LEFT & RIGHT ELEVATIONS D' AT CRAWL SPACE 51 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 52 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 53 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 54 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 55 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 56 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 57 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 58 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 59 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 60 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 61 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 62 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 63 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 64 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 65 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 66 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 67 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 68 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 69 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 70 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 71 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' 72 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' |

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| SHEET INDEX |
| 17 PARTIAL PLANS & ELEVATIONS A/B/C/D/ W/ OPT. DECK AT CRAWL SPACE |
| 18 PARTIAL PLANS & ELEVATIONS A/B/C/D/ W/ OPT. DECK AT CRAWL SPACE |
| 19 TITLE SHEET |
| 20 GENERAL NOTES |
| 21 GENERAL NOTES |
| 22 PARTIAL SLAB INTERFACE PLAN D' & C' |
| 23 PARTIAL SLAB INTERFACE PLAN D' & C' |
| 24 CRAWL SPACE FOUNDATION PLAN A' |
| 25 PARTIAL CRAWL SPACE FOUNDATION PLANS B' & C' |
| 26 PARTIAL CRAWL SPACE FOUNDATION PLANS D' |
| 27 ROOF PLAN, FRONT & REAR ELEVATIONS A' |
| 28 LEFT & RIGHT ELEVATIONS A' |
| 29 PARTIAL FLOOR PLAN, FRONT & LEFT ELEVATIONS W/ OPT. MASONRY AT CONCRETE PORCH |
| 30 REAR, LEFT & RIGHT ELEVATIONS B' AT CRAWL SPACE |
| 31 PARTIAL, FRONT ELEVATION W/ OPT. MASONRY AT CONCRETE PORCH |
| 32 REAR, LEFT & RIGHT ELEVATIONS B' AT CRAWL SPACE |
| 33 PARTIAL, FRONT ELEVATION W/ OPT. MASONRY AT CONCRETE PORCH |
| 34 REAR, LEFT & RIGHT ELEVATIONS C' AT CRAWL SPACE |
| 35 PARTIAL, FRONT & LEFT ELEVATIONS C' AT CRAWL SPACE |
| 36 REAR, LEFT & RIGHT ELEVATIONS C' AT CRAWL SPACE |
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| 38 PARTIAL, FRONT & LEFT ELEVATIONS C' AT CRAWL SPACE |
| 39 PARTIAL, FRONT & REAR ELEVATIONS C' |
| 40 PARTIAL FLOOR PLAN, C' |
| 41 LEFT & RIGHT ELEVATIONS C' AT CRAWL SPACE |
| 42 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS C' |
| 43 PARTIAL FLOOR PLAN, C' |
| 44 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' |
| 45 PARTIAL, FRONT & LEFT ELEVATIONS D' AT CRAWL SPACE |
| 46 PARTIAL, FRONT ELEVATION W/ OPT. MASONRY AT CONCRETE PORCH |
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| 72 PARTIAL FLOOR PLAN, FRONT & REAR ELEVATIONS D' |

50' SERIES
 RALEIGH-DURHAM
 SPEC. LEVEL 1
 TS
 SHEET:
 150.1910-R
 PLAN:

1 VENTILATION (01/17/19) / KMA
 2 PERMITS (01-25-20) / KMA
 3 HOME OFFICE (07/19/20) / KMA

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

50' SERIES
 NORTH CAROLINA
 BUILDING CODES
 CAROLINA STATE
 2018 NORTH
 4818 S. MIAMI BLVD.,
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KB HOME
 NORTH CAROLINA DIVISION

KB HOME

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MECHANICAL & PLUMBING

MECHANICAL & PLUMBING (continued)

MECHANICAL & PLUMBING (continued)

ELECTRICAL (continued)

ELECTRICAL (continued)

1. ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN CONFORMANCE WITH THE NORTH CAROLINA MECHANICAL AND PLUMBING CODES...

2. CONTRACTORS SHALL DESIGN ENTIRE H.V.A.C. SYSTEM AND SUBMIT DRAWINGS FOR OWNER/OWNER'S APPROVAL PRIOR TO ORDERING EQUIPMENT OR MATERIALS...

25. APPLIANCES AND EQUIPMENT USED FOR HEATING WATER OR STORING HOT WATER SHALL BE PROTECTED AGAINST CONTAMINATION...

24. THE WATER SUPPLY TO A DISHWASHER SHALL BE PROTECTED AGAINST BACKFLOW BY AN AIR GAP COMPRISING WITH AN AIR GAP THAT IS INSTALLED INTERNALLY WITHIN THE MACHINE OR A BACKFLOW PREVENTER...

23. CARBON MONOXIDE ALARMS SHALL BE INSTALLED AT EACH BATHROOM AND SLEEPING AREA IN THE APARTMENT...

22. CONTRACTORS SHALL DESIGN ENTIRE H.V.A.C. SYSTEM AND SUBMIT DRAWINGS FOR OWNER/OWNER'S APPROVAL PRIOR TO ORDERING EQUIPMENT OR MATERIALS...

21. THE WATER SUPPLY TO A DISHWASHER SHALL BE PROTECTED AGAINST BACKFLOW BY AN AIR GAP COMPRISING WITH AN AIR GAP THAT IS INSTALLED INTERNALLY WITHIN THE MACHINE OR A BACKFLOW PREVENTER...

20. THE WATER SUPPLY TO A DISHWASHER SHALL BE PROTECTED AGAINST BACKFLOW BY AN AIR GAP COMPRISING WITH AN AIR GAP THAT IS INSTALLED INTERNALLY WITHIN THE MACHINE OR A BACKFLOW PREVENTER...

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MECHANICAL & PLUMBING

MECHANICAL & PLUMBING (continued)

MECHANICAL & PLUMBING (continued)

ELECTRICAL (continued)

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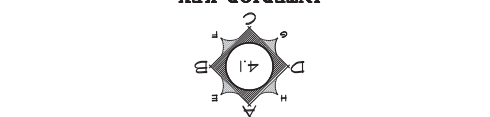
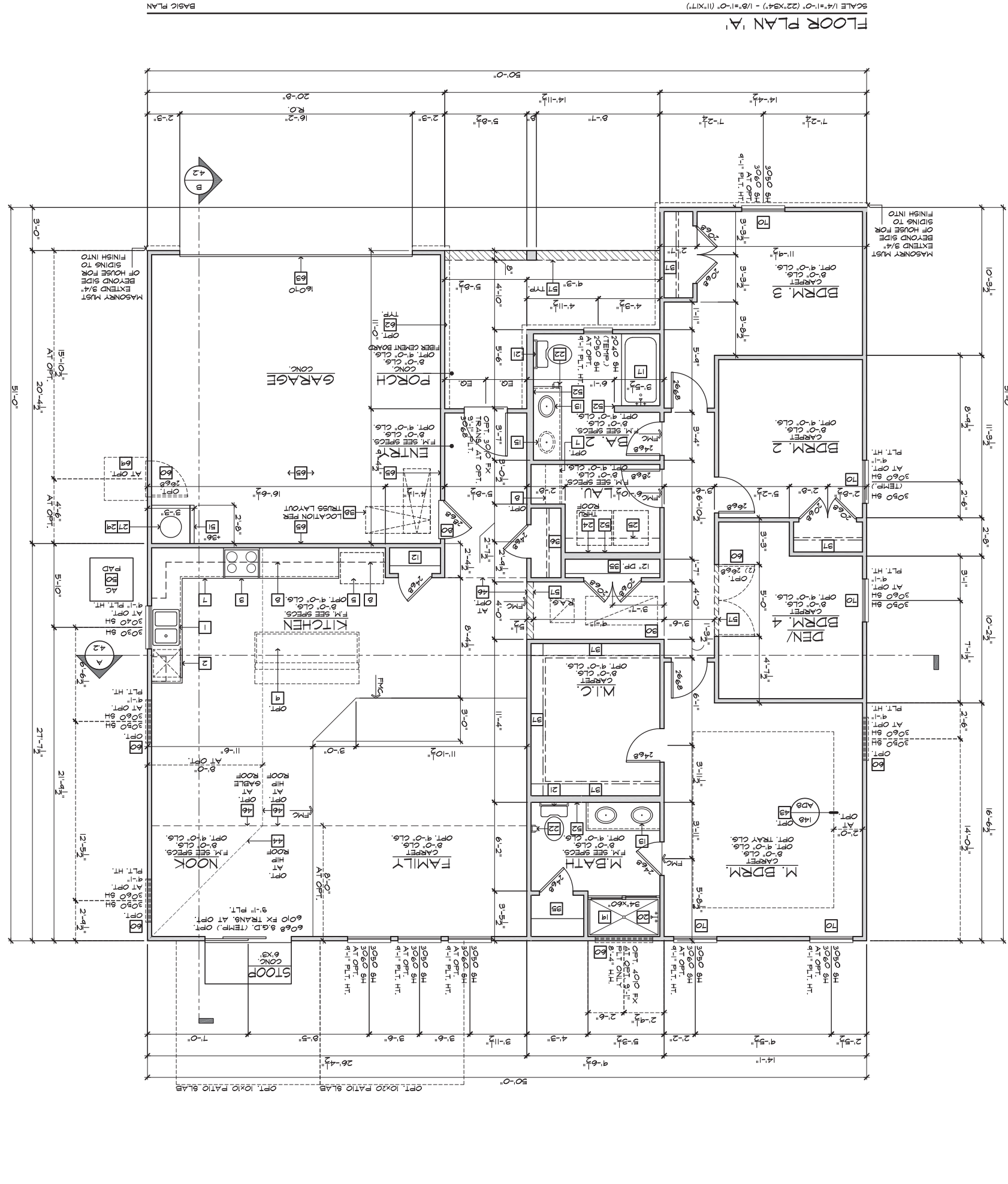
50' SERIES
RALEIGH-DURHAM
SPCC LEVEL 1
150.1910-R
PLAN:
SHEET: 11

50' SERIES
NORTH CAROLINA
2018 NORTH
CAROLINA STATE
BUILDING
CODES



FLOOR PLAN NOTES

1. SINK - BARABASE DISPOSAL OPTIONAL - VERIFY DIMENSIONS PER MANUFACTURER'S SPECS
2. DIMENSIONS PER MANUFACTURER'S SPECS
3. SLIDE-IN RANGE/OVEN COMBINATION W/ BUILT-IN NON-VENTED HOOD W/LIGHT & FAN - VERIFY WITH MANUFACTURER'S SPECS
4. 90" COOKTOP W/ BUILT-IN VENTED HOOD W/ LIGHT & FAN - VERIFY WITH MANUFACTURER'S SPECS
5. 94" CLEAR REFRIGERATOR SPACE W/ OPTIONAL CABINETS ABOVE - OPT. PLUMBER FOR CEILING (RECESSED IN WALL)
6. COMBINATION DOUBLE OVEN OR OVEN/MICROWAVE OVEN OR OVEN VERIFY DIMENSIONS WITH MANUFACTURER'S SPECS
7. BASE CABINETS - REFER TO INTERIOR ELEVATIONS
8. ISLAND CABINETS - REFER TO INTERIOR ELEVATIONS
9. PENINSLA CABINETS - REFER TO INTERIOR ELEVATIONS
10. MIN. 12" BAR TOP/ BREAKFAST BAR
11. DESK AREA - REFER TO INTERIOR ELEVATIONS
12. BUILT-IN PANTRY (B) DEEP OR UNO)
13. SINK CABINET W/ EXTENDED VANITY - 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 TO 72" - VERIFY DIMENSIONS W/ MANUF'S SPECS
18. PRE-FAB. SHOWER PAN W/ 80" MIN. CLR. INSIDE & MAINSCOT
19. SHATTERROOK (TEMPERED) GLASS SHOWER ENCLOSURE
20. TOWEL BAR - PROVIDE 2X SOLID BLK'S IN WALL
21. TOILET PAPER HOLDER - PROVIDE 2X SOLID BLK'S IN WALL
22. RECESSED MIRROR/MEDICINE CABINET
23. WASHER & DRYER - PROVIDE WATER & WASTE FOR WASHER
24. RECESSED MIRROR/MEDICINE CABINET
25. LOCATED WASHER AT LEFT AND DRYER AT RIGHT
26. OPT. LAUNDRY SINK - REFER TO INTERIOR ELEVATIONS
27. WATER HEATER LOCATION - FOR GAS - LOCATE ON 16" HIGH PLATFORM - FOR INTERIOR LOCATION - PROVIDE PAN & VALVE
28. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF VALVE
29. RESERVED
30. FAN LOCATION (REFER TO DETAIL 86/AD5)
31. RESERVED
32. LISTED FACTORY-BUILT GAS FIRED DEC. APPLIANCE (REF. LISTING)
33. HEARTH TO BE INSTALLED PER FACTORY-BUILT FIREPLACE LISTING
34. GAS APPLIANCE B' VENT FROM BELOW
35. LINEN PER SPECS (B) DEEP OR UNO)
36. COAT CLOSET W/ SHELF & FOLE (REFER TO DETAIL 78/AD4)
37. WARDROBE W/ SHELF & FOLE (REFER TO DETAIL 78/AD4)
38. 22"X60" MIN ATTIC ACCESS
39. 25"X54" FULL DOWN LADDER R.O. ATTIC ACCESS TO BE PROTECTED
94. 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 RISE & RISERS - MIN. 10" TREAD & MAX. 7.5/4"
48. MIN. 42" HIGH GUARDRAIL (REFER TO DETAIL 86/AD5)
49. 34" TO 36" HIGH HANDRAIL (REFER TO DETAIL 86/AD5)
50. A/C PAD LOCATION
51. LOM 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 HGT.
58. ARCHED SOFFIT - SEE ELEV. FOR HGT.
59. WINDOW SEAT
60. WINDOW SEAT
61. FRE-MANUFACTURED DECORATIVE COLUMN (SIZE SEE ELEV.)
62. BRICK / STONE VENEER - REFER TO ELEVATIONS
63. VENEER TO COMPLY WITH THE N.C. RC
64. SECTIONAL GARAGE DOOR PER SPECS
65. MIN. 1/2" GYP. BD. ON CEILING & WALLS @ USEABLE SPACE UNDER STAIR
66. 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 UNO.
67. P.T. POST W/ WRAP
68. CONCRETE STOOD, 36"X36" STANDARD
70. EXCESS WINDOW
71. PROVIDE ADDITIONAL RISERS) AT OPTIONAL PLATE HT.
72. MDF TOP
73. PLUMBING DROP FROM ABOVE
74. ADJUST OPENING AT OPTION TO FIT THE DOOR SIZE SHOWN BEYOND WINDOW) ON ALL SIDES UNO.
75. BEYOND WINDOW) ON ALL SIDES UNO.
76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
77. CONCRETE SLAB, SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SIZE
78. RESERVED
79. STAIRING LOM WALL 36" ABOVE ADJACENT TREADS
80. 20 MIN. FIRE-RATED DOOR



SQUARE FOOTAGE

| | |
|--|---|
| FIRST FLOOR AREA | 1910 SQ. FT. |
| TOTAL AREA | 1910 SQ. FT. |
| GARAGE AREA | 418 SQ. FT. |
| PORCH AREA) ELEVATION A | 115 SQ. FT. |
| PORCH AREA) ELEVATION B | 114 SQ. FT. |
| PORCH AREA) ELEVATION C | 190 SQ. FT. |
| PORCH AREA) ELEVATION D | 190 SQ. FT. |
| PATIO AREAS) COVERED PATIO | 100 SQ. FT. |
| PATIO AREAS) EXTENDED COVERED PATIO | 240 SQ. FT. |
| PATIO AREAS) EXTENDED SCREENED-IN COV. PATIO | 100 SQ. FT. |
| DECK AREAS) OPEN DECK | 144 SQ. FT. |
| DECK AREAS) EXTENDED OPEN DECK | 288 SQ. FT. |
| DECK AREAS) EXTENDED SCREENED-IN DECK | 288 SQ. FT. |
| PLATE NOTES | |
| 8'-11" PLATE NOTES | |
| 9'-11" PLATE NOTES | |
| GENERAL PLAN NOTES | |
| STAIR DATA NOTES | |
| FIRST FLOOR WITH 8'-1" PLATE HEIGHT | 14' DEEP T.J.I. FLOOR JOISTS WITH 3/4" T&G DECKING. 16 RISERS AT 17'-0" EACH. |
| FIRST FLOOR WITH 9'-1" PLATE HEIGHT | 14' DEEP T.J.I. FLOOR JOISTS WITH 3/4" T&G DECKING. 16 RISERS AT 17'-0" EACH. |

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

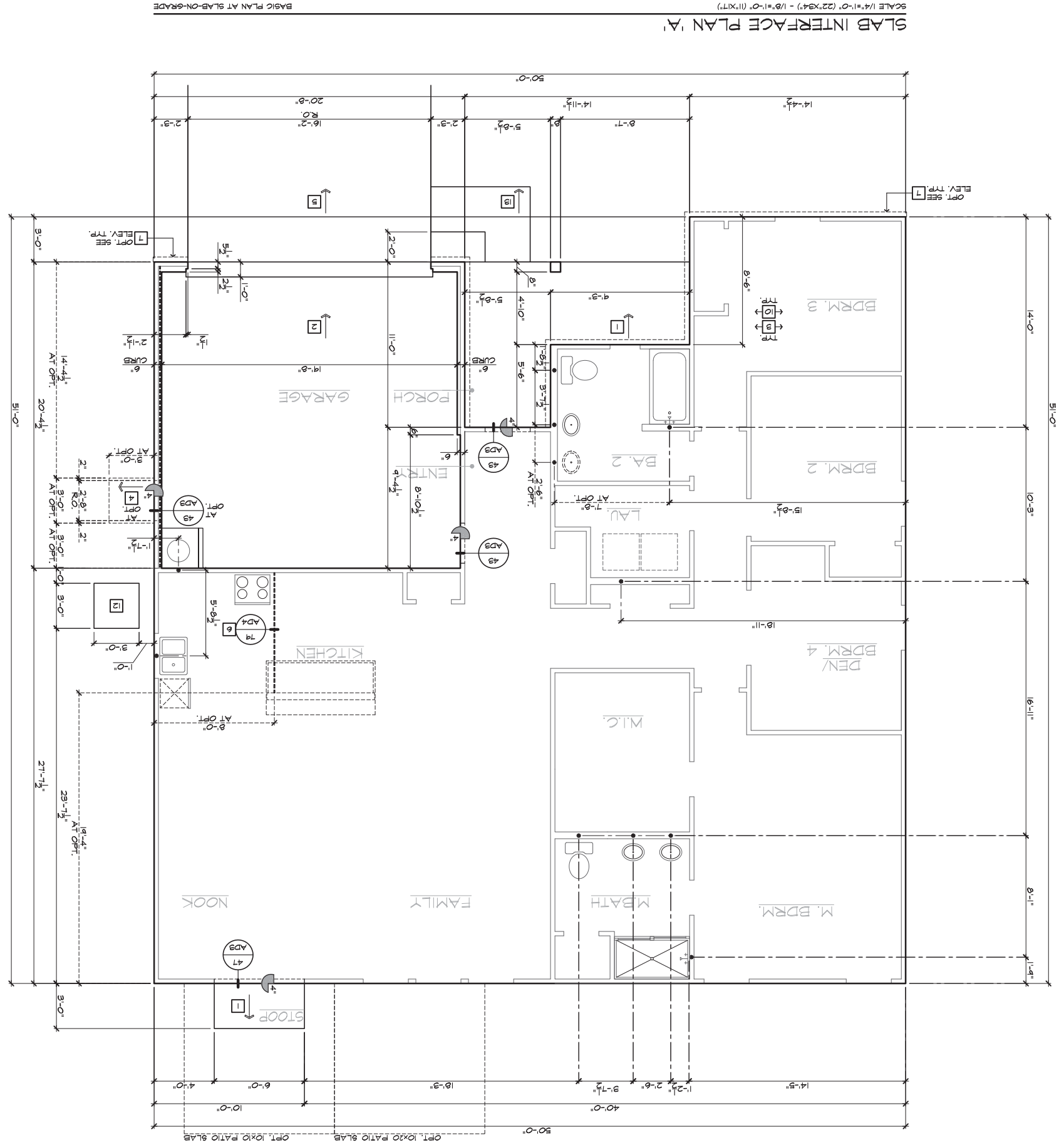
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ISSUE DATE: 12/13/19
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 DIVISION MGR.: MP
 REVISIONS:
 1 VENTILATION MC2008NCF/01/17/20/KMA

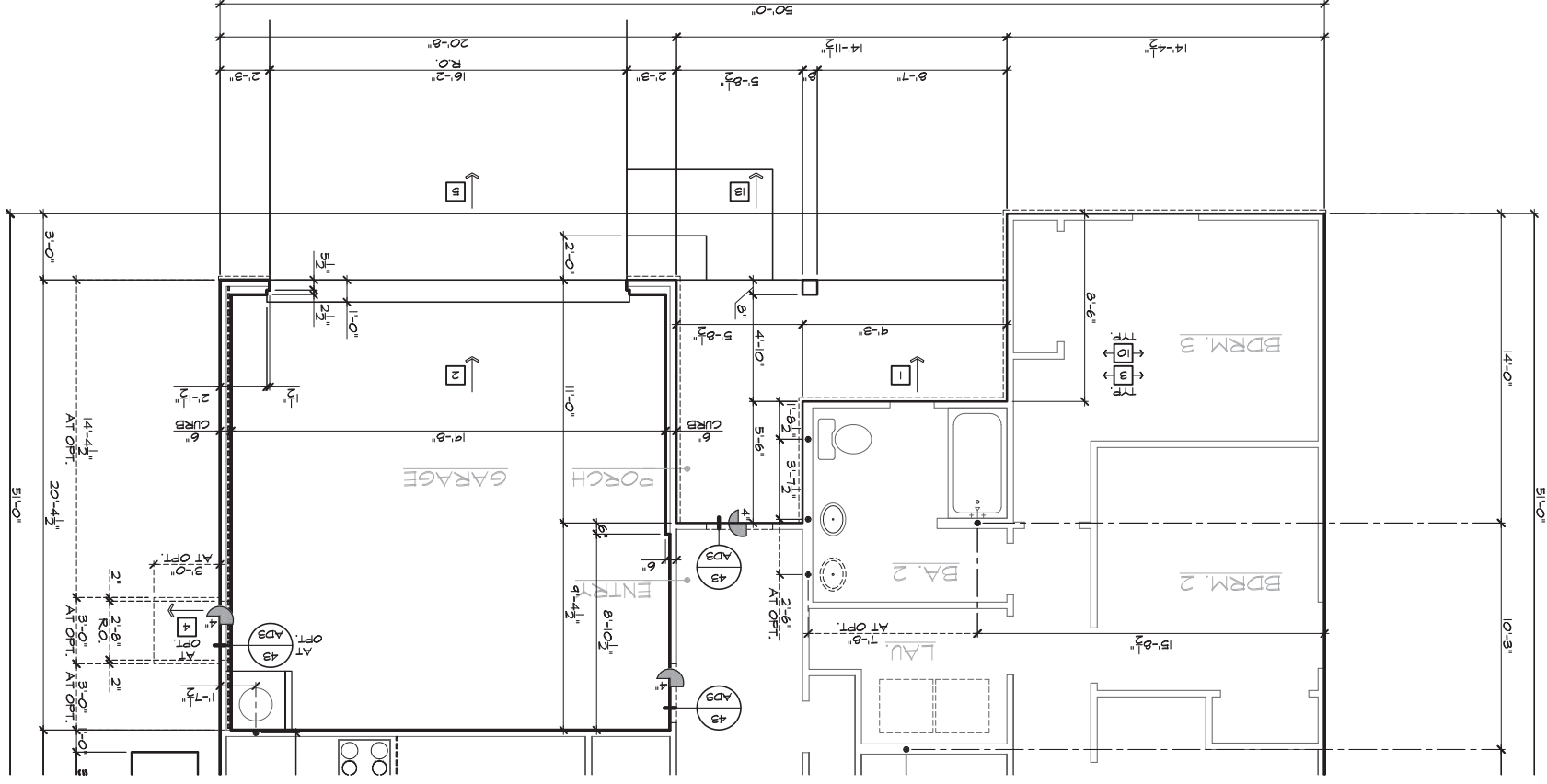
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 50 SERIES
 KB HOME
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 4518 S. MIAMI BLVD.
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- # SLAB PLAN NOTES
1. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL - SLOPE 1/4" PER FT. MIN.
 2. CONCRETE GARAGE SLAB PER STRUCTURAL - SLOPE 1/8" PER 1'-0" MIN. TOWARD DOOR OPENING.
 3. CONCRETE FOUNDATION PER STRUCTURAL.
 4. CONCRETE STOOPTOP, 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. 3/4" MAX. TO HARD SURFACE.
 12. A/C PAD. VERIFY LOCATION.
 13. 36" WIDE WALKWAY - SLOPE 1/4" PER FT. MIN.



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 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. 3/4" MAX. TO HARD SURFACE.
 12. A/C PAD. VERIFY LOCATION.
 13. 36" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.
- NOTE: NOT ALL KEY NOTES APPLY.

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ISSUE DATE: 12/13/19
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1 VENTILATION
MC2008NCF/ 01/17/20 /KMA

PLAN: 150.1910-R
SHEET: 2.2
SPEC. LEVEL 1
RALEIGH-DURHAM
50' SERIES



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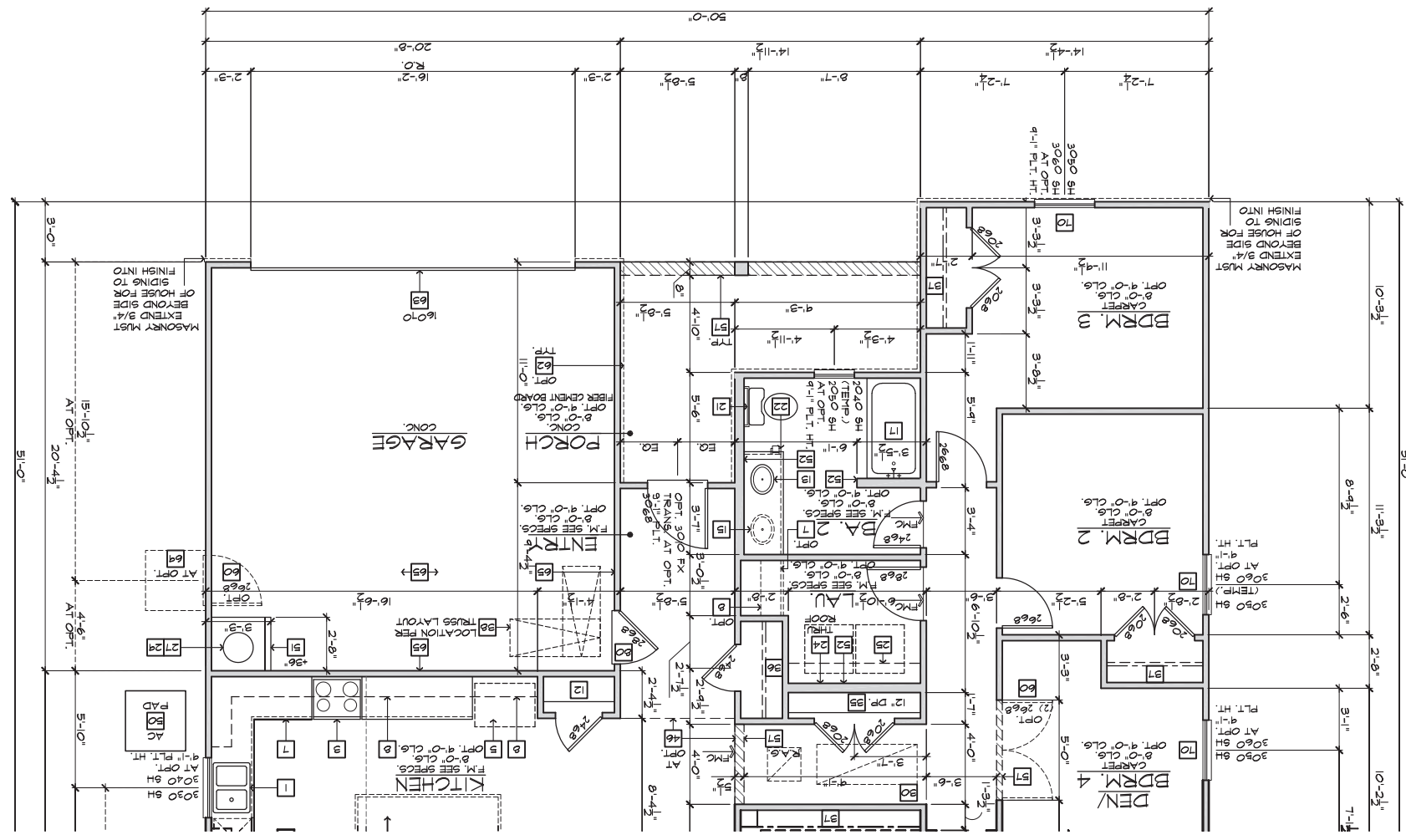
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CODES

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

REVISIONS:
1 VENTILATION
2 FARRAWALK

PLAN: 150.1910-R
SHEET: 3.B1
SPEC. LEVEL 1
RALEIGH-DURHAM
50' SERIES

- # PARTIAL PLAN NOTES
- NOTE: NOT ALL KEY NOTES APPLY.
 - 27. WATER HEATER LOCATION - FOR GAS - PROVIDE PAN & PLATEFORM - FOR INTERIOR LOCATION - LOCATE ON 16" HIGH
 - 28. MAIN HEATER B VENT TO OUTSIDE AIR
 - 29. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF LINE OF WALL BELOW
 - 30. MAIN LINE SHUT-OFF VALVE AND TEMP. & PRESSURE RELIEF LINE OF WALL ABOVE
 - 41. LINE OF FLOOR ABOVE
 - 42. MIN. 96" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
 - 43. LINE OF FLOOR BELOW
 - 44. MIN. 96" HIGH GUARDRAIL (REFER TO DETAIL SHEETS)
 - 45. A/C PAD LOCATION
 - 46. LOW WALL - REFER TO DETAIL SHEETS
 - 47. 2x6 STUD WALL - REFER TO PLAN FOR HEIGHT
 - 48. DEL. 2x4 WALL PER PLAN
 - 49. INTERIOR SHELF - REFER TO PLAN FOR HEIGHT
 - 50. FLAT SOFFIT
 - 51. ARCHED SOFFIT
 - 60. OPT. DOOR/WINDOW
 - 61. PRE-MANUFACTURED DECORATIVE COLUMN (SIZE SEE ELEV.)
 - 62. BRICK / STONE VENEER - REFER TO ELEVATIONS
 - 63. SECTIONAL GARAGE DOOR PER SPECS
 - 64. 9" DIAM. CONCRETE FILLED PIPE BOLLARD 96" HIGH WITH MIN. 12" EMBEDMENT INTO CONCRETE
 - 65. (NOT REQUIRED AT ELECTRIC WATER HEATERS OR FOR APPLIANCES LOCATED OUT OF THE VEHICLE'S NORMAL TRAVEL PATH)
 - 66. P.T. POST W/ WRAP
 - TO EGRESS WINDOW
 - 70. MINIMUM LEADGE HEIGHT & WIDTH OF OPENING TO EXTEND 6"
 - 75. BEYOND WINDOWS) ON ALL SIDES UNO.
 - 76. SITE-BUILT COLUMN - SEE ELEVATION FOR TYPE
 - 77. CONCRETE SLAB, SLOPE 1/4" PER FT. MIN. SEE PLAN FOR SLOPE



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

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DIVISION MGR.: MP**

REVISIONS:
VENTILATION 01/17/20 /KSA

**PLAN: 150.1910-R
SHEET: 3.B2
SPEC. LEVEL 1
RALEIGH-DURHAM
50th SERIES**

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ELEVATION NOTES

1. ROOF MATERIAL - REFER TO ROOF NOTES
2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
3. 6.1. FLASHING
4. 6.1. FLASHING & GADGET/CRIKET
5. 6.1. DRIP SCREED
6. 24"x24" CHIMNEY
7. DECORATIVE VENT
8. DECORATIVE CORBEL
9. DECORATIVE SHUTTERS
10. FURNITURE, SEE ELEVATION FOR TYPE
11. RECESSED ELEMENT
12. DECORATIVE TRIM TYPON 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.)
16. TYPON OR EQ. SURROUNDING STRUCTURAL POST.
17. SHAKE SIDING
18. BRICK/MASONRY VENEER PER SPECS
19. STONE VENEER PER SPECS
20. BUILT UP BRICK COLUMN
21. SOLIDIER 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 (+96" UNO.)
29. WRAP
30. DECORATIVE WINDOW/DOOR TRIM - TYPON OR EQ. SEE ELEVATION FOR SIZE.
31. BRACKET OR KICKER - TYPON 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. KEYS/TONE
39. SOLDIER CROWN
40. JACK SOLDIER COURSE
41. WATER TABLE
42. TRIUM DOOR
43. PLASTER - SEE ELEVATION FOR TYPE

ROOF PLAN NOTES 'B'

- INDICATES ROOF SLOPE AND DIRECTION UNO.
- 6:12
- ROOF MATERIAL, COMPOSITION SHIMBLE
- 12" (INCHES) TYPICAL ROOF OVERHANG AT RAKE, UNO.
- 12" (INCHES) TYPICAL ROOF OVERHANG AT EAVE, UNO.
- LOCATE RAVE/ EAVE 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 LOCATED IN THE UPPER PORTION OF THE ATTIC (HIGH VENTING). THE REQ. VENTILATING AREA IS PROVIDED BY VENTILATORS AT 3'-0" ABOVE EAVE VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS. (LOU VENTING) (2018 N.C.-R 606.2) * CALCULATION BY 1/50. HIGH/LOW VENTING NOT REQUIRED. APPROXIMATE RIDGE VENT LOCATIONS SHOWN. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

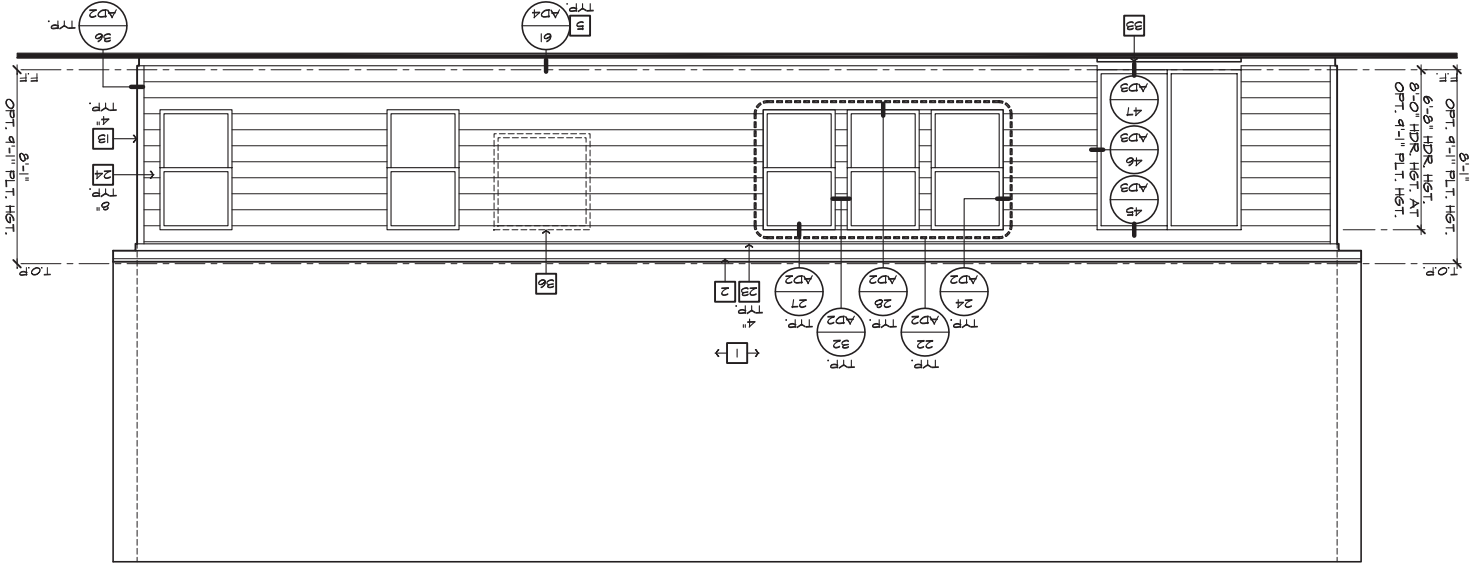
AREA / MAIN:
VENTILATION REQUIRED, 50. FT. / 500 61.4 SQ. FT.
ATTIC AREA = 2449
TOTAL HIGH & LOW = 113 SQ. IN.
X 144 = 16272 SQ. IN.
X 50% = 8136 SQ. IN.

VENTILATION PROVIDED:
LF RIDGE VENTS) AT 18 SQ. IN. / LF. = 120 SQ. IN.
LF RIDGE VENTS) AT 0 SQ. IN. EA. = 0 SQ. IN.
SUB-TOTAL HIGH VENTILATION, 120 SQ. IN.

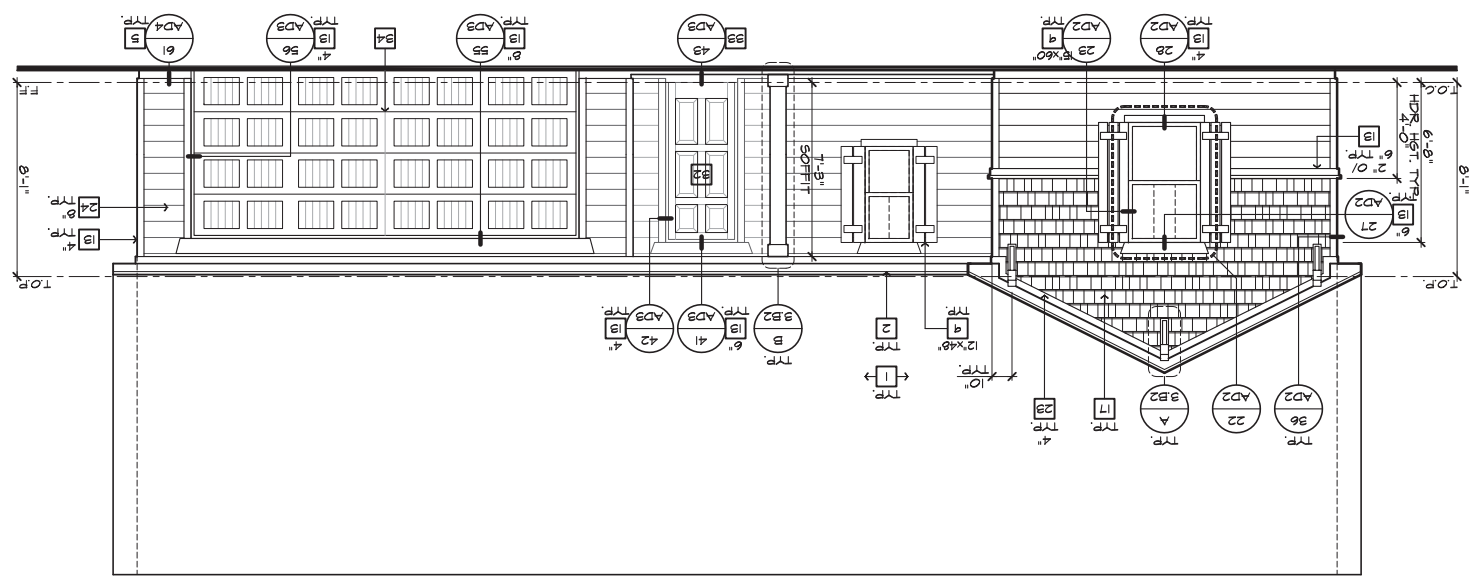
LOU:
LF VENTILATED SOFFIT AT 6.4 SQ. IN. / LF. = 621 SQ. IN.
ROOF VENTS) AT 50 SQ. IN. EA. = 100 SQ. IN.
TOTAL VENTILATION PROVIDED, 1241 SQ. IN.

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-TIGHT & WALL MOUNTED COVERS SHALL BE SEALED & FLAGGED 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 9'-0" VERTICAL DISTANCE ABOVE EAVES.
MINEN GABLE END TRUSS MEMBERS BLOCK GABLE END VENTS OF ROOF TILE VENTS.

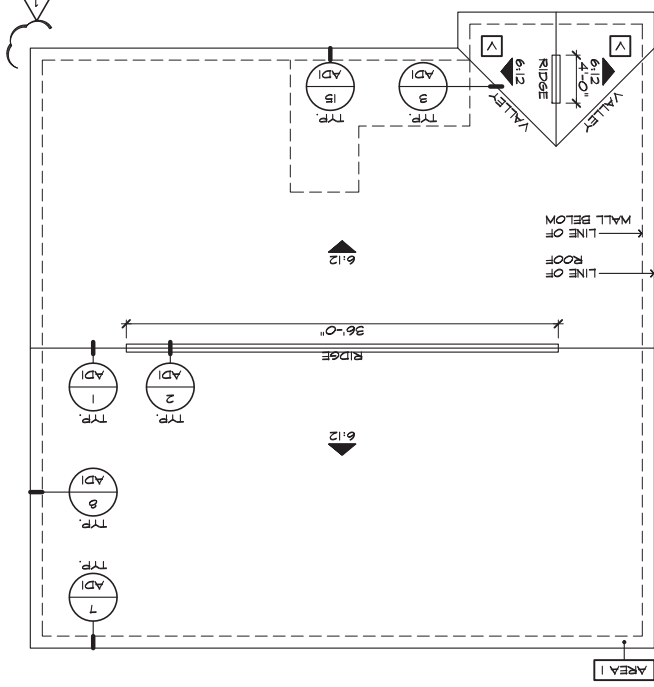
NOTE: NOT ALL KEY NOTES APPLY.



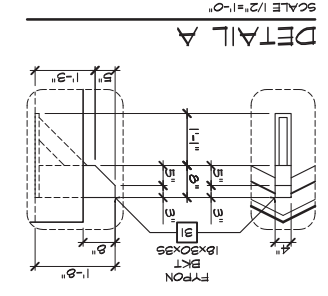
REAR ELEVATION 'B'
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



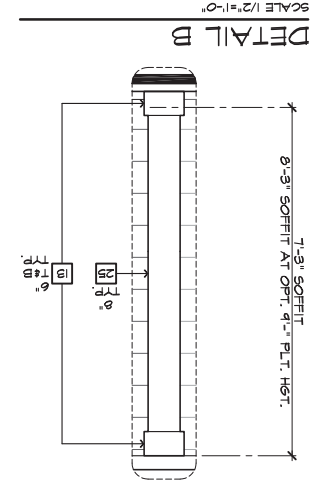
FRONT ELEVATION 'B'
SCALE 1/4"=1'-0" (22'x34") - 1/8"=1'-0" (11'x17")



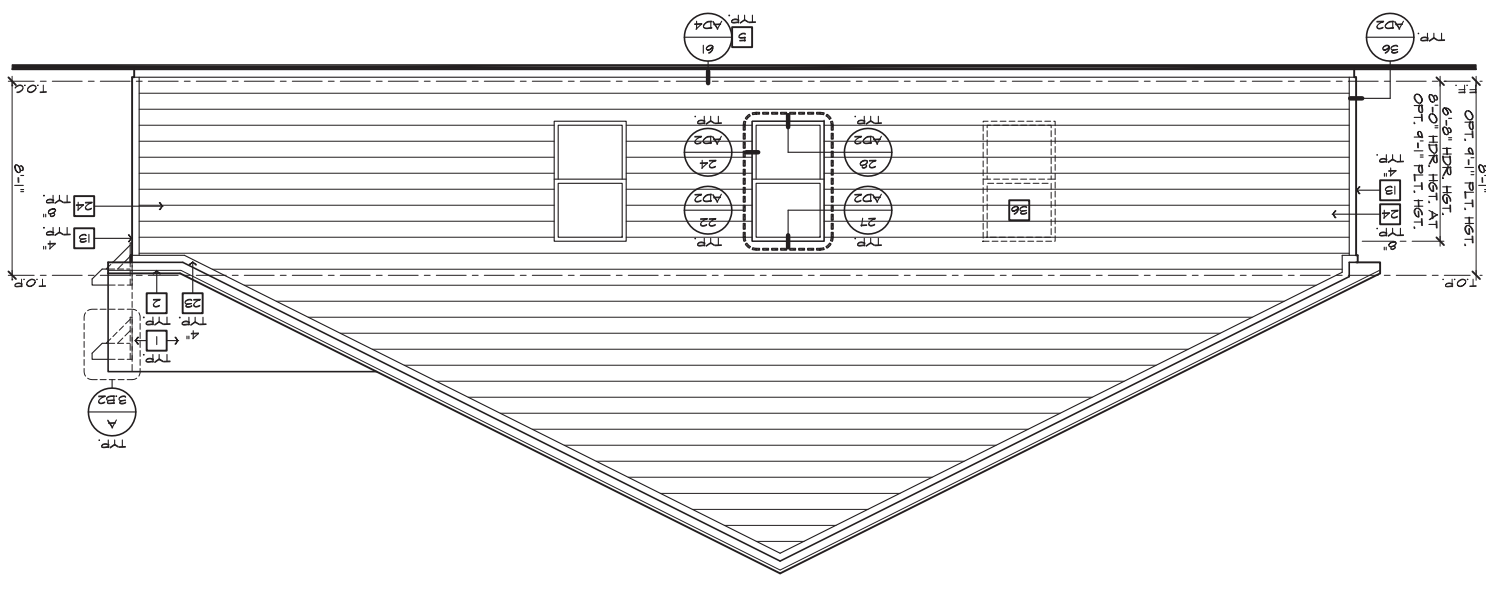
ROOF PLAN 'B'
SCALE 1/8"=1'-0" (22'x34") - 1/16"=1'-0" (11'x17")



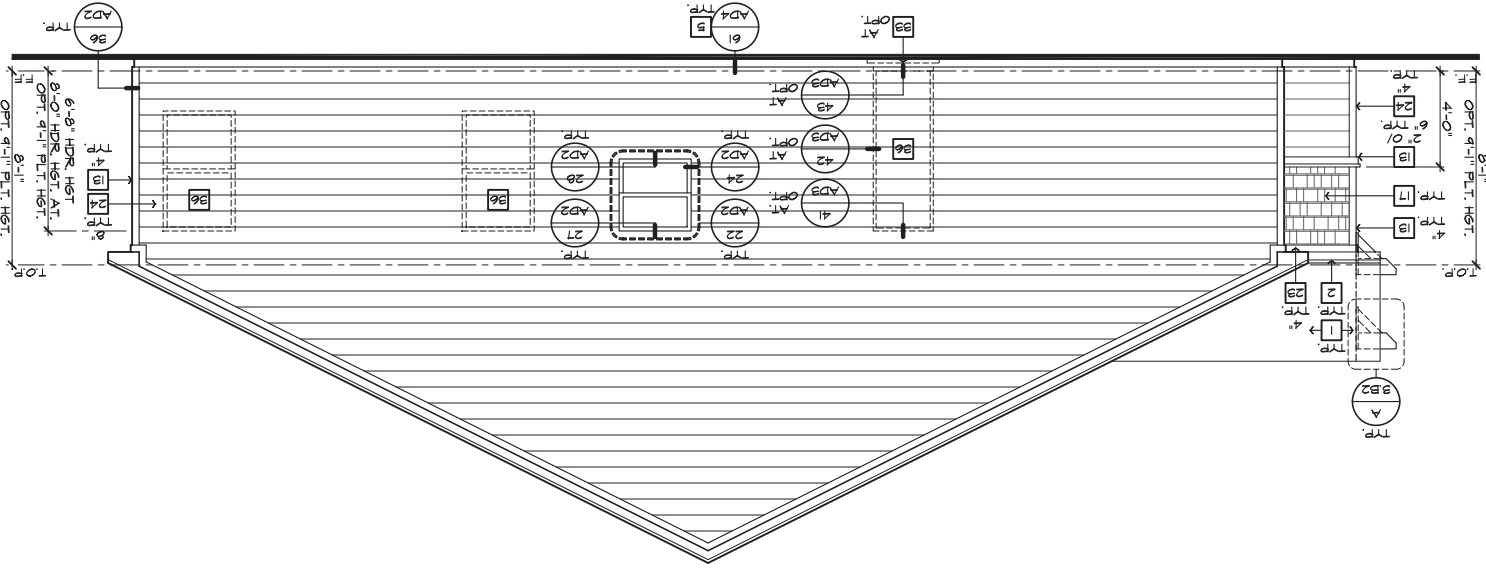
DETAIL A
SCALE 1/2"=1'-0"



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



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



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

- # ELEVATION NOTES
1. ROOF MATERIAL - REFER TO ROOF NOTES
 2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
 3. 6:1 FLASHING & SADDLE/CRICKET
 4. 6:1 FLASHING & SADDLE/CRICKET
 5. 24"X24" CHIMNEY
 6. DECORATIVE VENT
 7. DECORATIVE CORBEL
 8. DECORATIVE SHUTTERS
 9. DECORATIVE SHUTTERS
 10. FURNITURE SEE ELEVATION FOR TYPE
 11. RECESSED ELEMENT
 12. DECORATIVE TRIM TYPON 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.)
 16. TYPON OR EQ. SURROUNDING STRUCTURAL POST.
 17. SHAKE SIDING
 18. STONE VENEER PER SPECS
 19. BRICK/MASONRY VENEER PER SPECS
 20. BUILT UP BRICK COLUMN
 21. SOLIDIER 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 (96" UNO.)
 29. WRAP
 30. DECORATIVE WINDOW/DOOR TRIM - TYPON OR EQ. SEE ELEVATION FOR SIZE
 31. BRACKET OR KICKER - TYPON 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. SOLIDIER CROWN
 40. JACK SOLDIER COURSE
 41. WATER TABLE
 42. ATRIUM DOOR
 43. PLASTER - SEE ELEVATION FOR TYPE

PLAN: 150.1910-R
SHEET: 3.B3
SPEC. LEVEL 1
RALEIGH-DURHAM
50 SERIES

ISSUE DATE: 12/13/19
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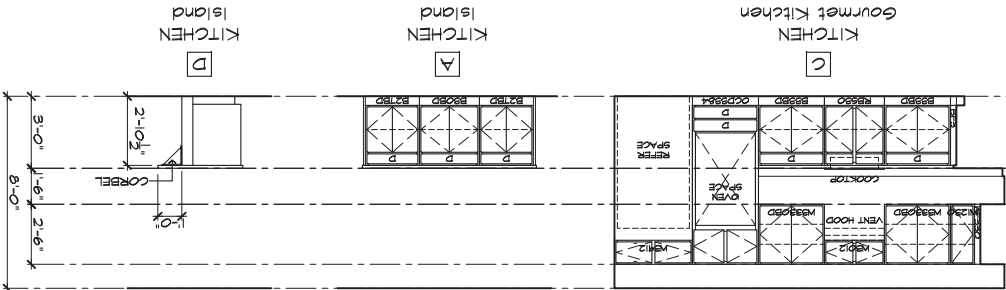


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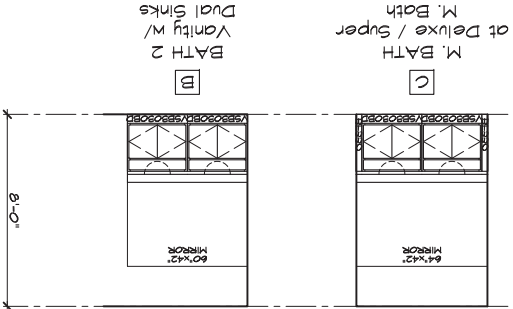
SCALE 1/4"=1'-0" (22'X34") - 1/8"=1'-0" (11'X17")

OPTIONAL INTERIOR ELEVATIONS

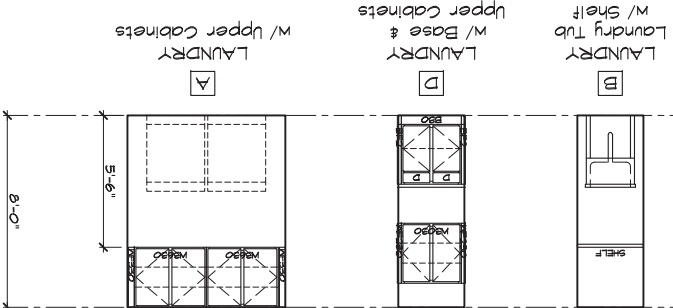
KITCHEN ELEVATIONS



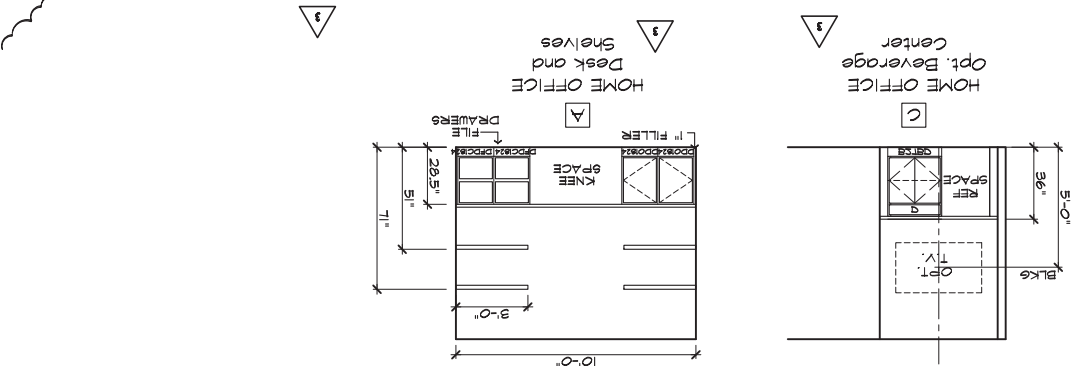
BATH ELEVATIONS



MISCELLANEOUS INTERIOR ELEVATIONS



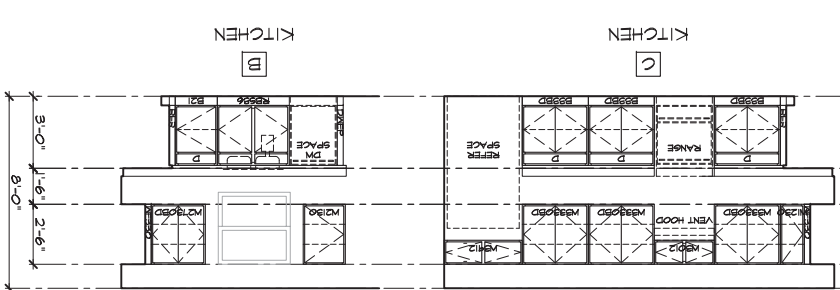
MISC. ELEVATIONS



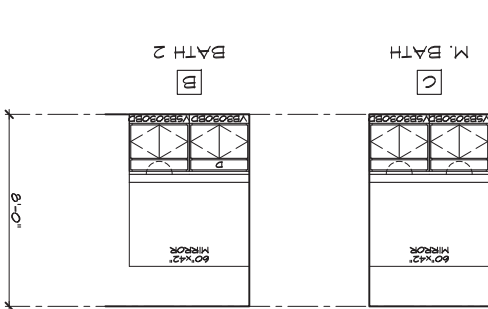
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STANDARD INTERIOR ELEVATIONS

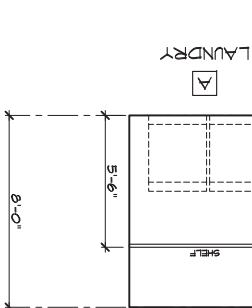
KITCHEN ELEVATIONS



BATH ELEVATIONS



MISCELLANEOUS INTERIOR ELEVATIONS



50 SERIES
RALEIGH-DURHAM

SPEC. LEVEL 1

SHEET: 41

PLAN: 1501910-R

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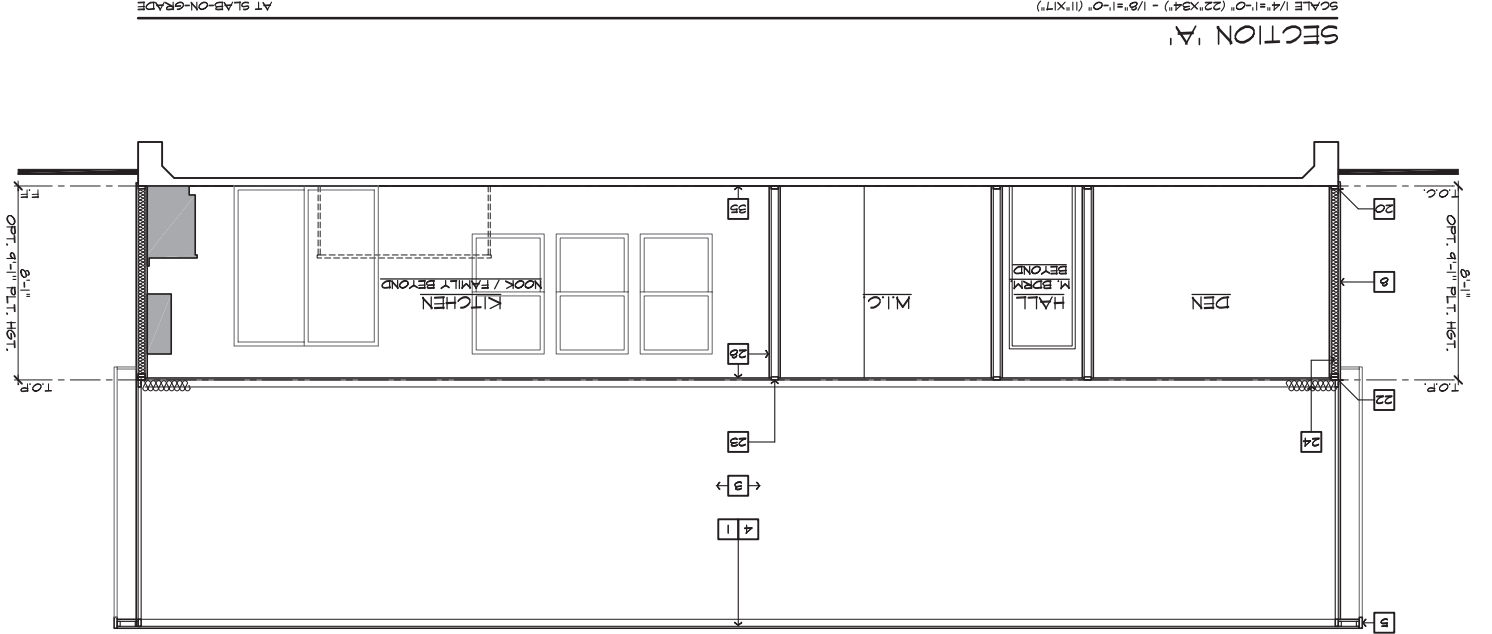
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 - 2 FLOORWALK MC20019NCF/ 05-25-20 /K/A
 - 3 HOME OFFICE COR20083CORBY 07/12/20 /K/A
- REVISIONS:
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PROJECT No.: 1350999:57
ISSUE DATE: 12/13/19

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TEL: (919) 768-7988
FAX: (919) 472-0582

NORTH CAROLINA 50 SERIES
KB HOME NORTH CAROLINA DIVISION

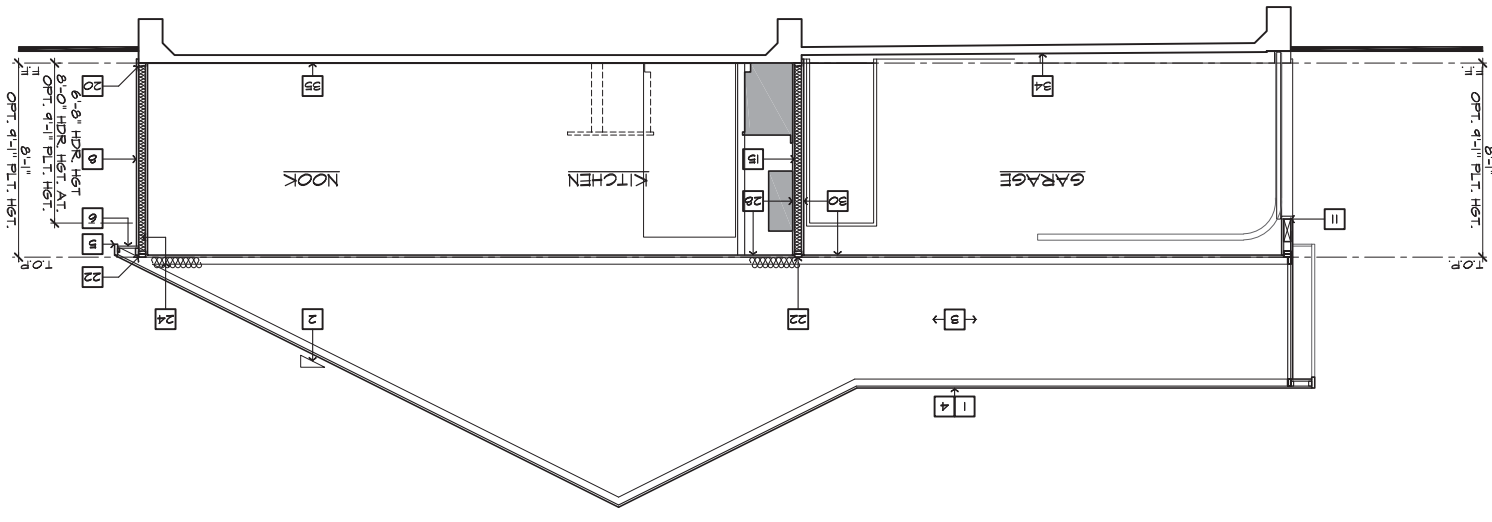




SECTION 'A'

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**
1. ROOF MATERIAL - REFER TO ROOF NOTES
 2. ROOF FITCH - REFER TO ROOF NOTES
 3. PRE-MANUFACTURED WOOD ROOF TRUSS SYSTEM - SEE STRUCTURAL & TRUSS CALC.
 4. ROOF SHEATHING PER STRUCTURAL
 5. 2x FASCIA/BARGE BOARD
 6. CONT. SOFFITED EAVE W/ VENTING
 7. 6:1 FLASHING - ROOF TO WALL
 8. EXTERIOR FINISH PER ELEVATIONS
 9. FLOOR FRAMING PER STRUCTURAL
 10. FLOOR SHEATHING PER STRUCTURAL
 11. HEADER BEAM 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. DEL. 2x4 WALL PER PLAN
 19. 2x CRIPPLES @ 16" O.C.
 20. 2x PRESURE TREATED SILL PLATE
 21. 2x SOLE PLATE
 22. DEL. 2x TOP PLATE @ EXTERIOR & BEARING WALLS
 23. 1x OVER 2x TOP PLATE @ INTERIOR & NON-BEARING WALLS
 24. INSULATION MATERIAL PER ENERGY CALCULATIONS
 25. MIN. 3/4" 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 & 5/8" RESISTANT OR 5/8" DRYWALL @ CEILING
 29. MIN. 1/2" GYP. BD. ON CEILING & WALLS @ USABLE SPACE UNDER STAIRS.
 30. GARAGE WALL 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 UNO.
 31. MATERIAL TO UNDERSIDE OF ROOF SHEATHING
 32. INTERIOR SHELF - MIN. 1/2" GYP. BD. OVER 3/8" PLY MD.
 33. CONCRETE PATIO/ PORCH SLAB PER STRUCTURAL - SLOPE 1/4" SLOPE 1/4" PER FT. MIN.
 34. CONCRETE GARAGE SLAB PER STRUCTURAL - SLOPE 2" MIN. CONCRETE FOUNDATION PER STRUCTURAL
 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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2018 NORTH
CAROLINA STATE
BUILDING
CODES



REVISIONS:

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

VENTILATION
 1
 MC2008NCF/ 01/17/20 /KMA

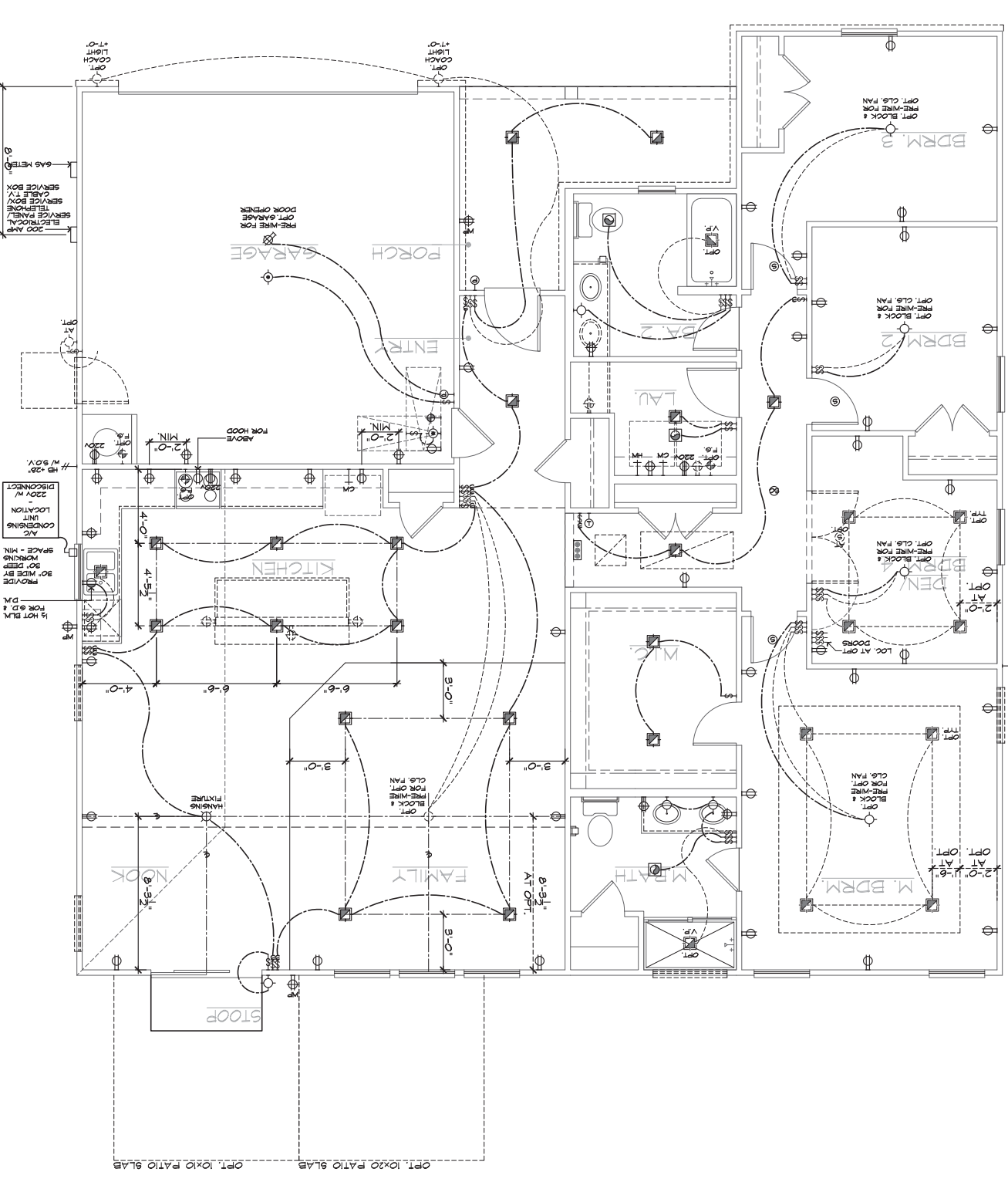
50' SERIES
RALEIGH-DURHAM
SPEC. LEVEL 1
 PLAN: 150.1910-R
 SHEET: 4.2

UTILITY LEGEND

- 120V DUPLEX CONVENIENCE RECEPTACLE
- 120V DUPLEX CONVENIENCE RECEPTACLE
- 120V (AFCI & TR) RECESSED FLOOR RECEPTACLE W/ COVER
- 120V (AFCI & TR) DUPLEX CONVENIENCE SWITCH CONTROLLED, 1/2 HOT
- 220V SINGLE CONVENIENCE RECEPTACLE
- HEIGHT NOTED AS PER PLAN
- TWO-POLE LIGHT SWITCH AT 42" ABV. FIN. FLR.
- 3" ABOVE COUNTER UNO.
- THREE-POLE LIGHT SWITCH
- FOUR-POLE LIGHT SWITCH
- M.P. WALL MOUNTED LIGHT FIXTURE
- M.P. WALL MOUNTED INCANDESCENT LIGHT FIXTURE
- M.P. WALL MOUNTED INCANDESCENT LIGHT FIXTURE
- M.P. WALL MOUNTED INCANDESCENT LIGHT FIXTURE
- M.P. HANGING INCANDESCENT LIGHT FIXTURE
- M.P. RECESSED INCANDESCENT LIGHT FIXTURE (EYE BALL)
- M.P. RECESSED INCANDESCENT LIGHT FIXTURE - PER SPECS
- M.P. RECESSED INCANDESCENT LIGHT FIXTURE W/ WATER RESISTANT HOUSING
- M.P. RECESSED INCANDESCENT LIGHT FIXTURE
- M.P. RECESSED FLUORESCENT LIGHT FIXTURE
- M.P. RECESSED EXHAUST FAN
- M.P. RECESSED EXHAUST FAN/ INCANDESCENT LIGHT COMBINATION
- M.P. RECESSED EXHAUST FAN/ FLUORESCENT LIGHT COMBINATION
- M.P. INCANDESCENT WALL SCONCE
- M.P. ILLUMINATED ADDRESS SIGN - VISIBLE FROM STREET
- M.P. 24"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)
- M.P. 12"x48" FLUORESCENT LIGHT BOX (CEILING MOUNTED)
- M.P. OPTIONAL PRE-WIRED CEILING FAN AND SWITCH - LOCATED IN CENTER OF ROOM UNO.
- M.P. WALL MOUNTED JUNCTION BOX
- M.P. DOOR CHIME
- M.P. CATV RECEPTACLE
- M.P. PUSH BUTTON
- M.P. PHONE OUTLET
- M.P. SERVICE BOX
- M.P. HOSE BIB
- M.P. HOSE BIB W/ 50' V.
- M.P. WATER STOP FOR ICE MAKER
- M.P. APPROVED CEILING MOUNTED SMOKE DETECTOR TO BE HARD WIRED WITH BATTERY BACK-UP AND INTERCONNECTED
- M.P. APPROVED CARBON MONOXIDE ALARM/ SMOKE DET.
- M.P. THERMOSTAT (VERIFY LOCATION W/ HVAC PLAN)
- M.P. GAS TAP
- M.P. GAS KEY - FIREPLACE GAS VALVES SHALL BE LOCATED OUTSIDE OF REQUIRED HEARTH AREA BUT NO MORE THAN 48" FROM GAS OUTLET
- M.P. SWITCHING FOR ROOMS W/ CLG. FAN OPTIONS OF ELECTRICAL BOXES AS SHOWN BELOW
- M.P. LIGHT / FAN
- M.P. SECONDARY
- M.P. MASTERS
- M.P. GARAGE

NOTES

1. MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS ARE SHOWN FOR INTENT ONLY. THESE SYSTEMS SHALL BE ENGINEERED BY OTHERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND PLACEMENT. ALL HEIGHTS SHOWN ARE TO CENTERLINE OF FIXTURE.
2. PROVIDE SWITCH LIGHT, 120V (AFCI & TR) DUPLEX IN ATTIC FOR F.A.U. - PER COMMUNITY SPECIFICATIONS. SMOKE DETECTORS IN ROOMS WITH VOLUME CEILING TO BE LOCATED AT HIGHEST POINT OF CEILING.
3. SMOKE DETECTORS IN ROOMS WITH VOLUME CEILING TO BE LOCATED AT HIGHEST POINT OF CEILING.
4. 20 FOOT #4 REBAR FOR UFER GROUND AND INTERFACED PLAN FOR LOCATION.
5. 20 AMP ELECTRICAL PANEL (DEFAULT). ELECTRICAL PLAN CHECK PERMIT REQUIRED IF LOAD EXCEEDS 400 AMPS.



BASIC PLAN



BASIC PLAN



50' SERIES
NORTH CAROLINA

2018 NORTH CAROLINA STATE BUILDING CODES

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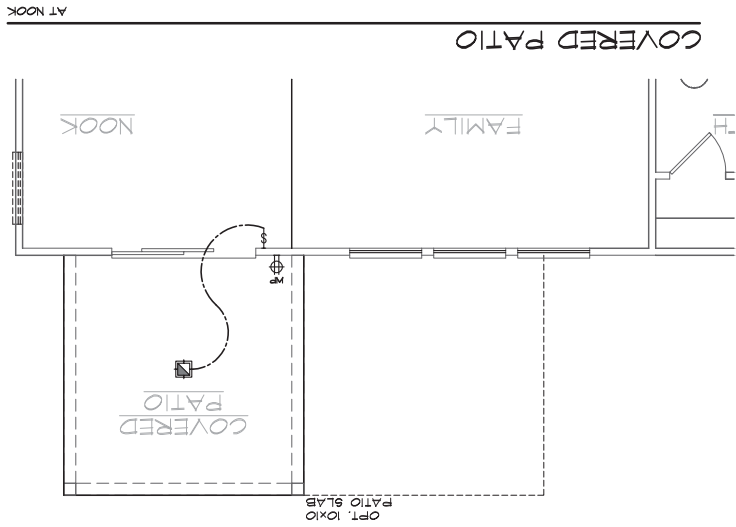
ISSUE DATE: 12/13/19
PROJECT No.: 1350999-57
DIVISION MGR.: MP

REVISIONS:

1 VENTILATION
2 FRAUD/VAULT

PLAN: 150.1910-R
SHEET: 51
SPEC. LEVEL 1
RALEIGH-DURHAM
50' SERIES

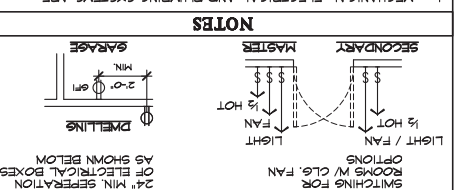
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NOTE: REFER TO BASIC UTILITY PLAN FOR INFORMATION NOT SHOWN HERE

UTILITY LEGEND

- 120V DUPLEX CONVENIENCE RECEPTACLE AND TAMPERS RESISTANT(MTR)
- 120V (TR) RECEPTACLE W/ GFI CIRCUIT
- 120V (TR) RECEPTACLE W/ GFI CIRCUIT
- FUSED DISCONNECT
- 120V (AFCI & TR) RECESSED FLOOR RECEPTACLE W/ COVER
- 120V (AFCI & TR) DUPLEX CONVENIENCE SWITCH CONTROLLED, 1/2 HOT
- 220V SINGLE CONVENIENCE RECEPTACLE HEIGHT NOTED AS PER PLAN
- TWO-POLE LIGHT SWITCH AT 42" ABV. FIN. FLR.
- THREE-POLE LIGHT SWITCH
- FOUR-POLE LIGHT SWITCH
- WALL MOUNTED LIGHT FIXTURE
- WALL MOUNTED INCANDESCENT LIGHT FIXTURE
- CEILING MOUNTED FLUORESCENT LIGHT FIXTURE
- HANGING INCANDESCENT LIGHT FIXTURE
- RECESSED INCANDESCENT DIRECTIONAL LIGHT FIXTURE (EYE BALL)
- RECESSED INCANDESCENT LIGHT FIXTURE
- RECESSED INCANDESCENT LED FIXTURE - PER SPECS
- RECESSED INCANDESCENT LIGHT FIXTURE
- RECESSED INCANDESCENT LIGHT FIXTURE
- 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 UNO.
- 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.
- MATER 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
- 24" MIN. SEPARATION OF ELECTRICAL BOXES AS SHOWN BELOW
- ROOMS W/ CLG. FAN
- SWITCHING FOR LIGHTS / FAN
- 1/2 HOT FAN
- 1/2 HOT LIGHT
- SECONDARY
- MASTERS
- GARAGE
- DWELLING



1. MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS ARE SHOWN FOR INTERIT ONLY. THESE SYSTEMS SHALL BE ENGINEERED BY OTHERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND PLACEMENT. ALL HEIGHTS SHOWN ARE TO CENTERLINE OF FIXTURE.
2. PROVIDE SWITCH LIGHT, 120V (AFCI & TR) DUPLEX RECEPTACLE & FUEL GAS STUB OR 220V RECEPTACLE IN ATTIC FOR F.A.U. - PER COMMUNITY SPECIFICATIONS.
3. SMOKE DETECTORS IN ROOMS WITH VOLUME CEILING TO BE LOCATED AT HIGHEST POINT OF CEILING
4. 20 FOOT #4 REBAR FOR UFER GROUND AND ADDITIONAL GROUND WATERS REFER TO SLAB INTERFACE PLAN FOR LOCATION
5. 200 AMP ELECTRICAL PANEL (DEFAULT). ELECTRICAL PLAN CHECK PERMIT REQUIRED IF LOAD EXCEED 400 AMPS.

KB HOME

NORTH CAROLINA 50' SERIES

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2018 NORTH CAROLINA STATE BUILDING CODES

PROJECT No.: 1350999-57

ISSUE DATE: 12/13/19

REVISIONS:

1 VENTILATION

150.1910-R

SHEET: 5.3

SPEC. LEVEL 1

RALEIGH-DURHAM 50' SERIES



**NORTH CAROLINA
50TH SERIES**

NORTH CAROLINA DIVISION
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**2018 NORTH
CAROLINA STATE
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ISSUE DATE: 12/13/19
PROJECT No.: 1350999-57
DIVISION MGR.: MP
REVISIONS:
VENTILATION
1 MC2008/NC/01/17/20 /KBA

PLAN: 150.1910-R
SHEET: 8.B1
SPEC. LEVEL 1
RALEIGH-DURHAM
50TH SERIES

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BLEVATION NOTES

1. ROOF MATERIAL - REFER TO ROOF NOTES
2. 2X FASCIA/BARGE BOARD WITH FASCIA CAP
3. 6.1. FLASHING
4. 6.1. FLASHING & GADGET/CRICKET
5. 6.1. DRIP SCREED
6. 24"x24" CHIMNEY
7. DECORATIVE VENT
8. DECORATIVE CORBEL
9. DECORATIVE SHUTTERS
10. FURNITURE, SEE ELEVATION FOR TYPE
11. RECESSED ELEMENT
12. DECORATIVE TRIM TYPON 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.)
16. TYPON OR EQ. SURROUNDING STRUCTURAL POST.
17. SHAKE SIDING
18. STONE VENEER PER SPECS
19. BRICK/MASONRY VENEER PER SPECS
20. BUILT UP BRICK COLUMN
21. SOLIDER 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 (96" UNO)
29. WRAP
30. DECORATIVE WINDOW DOOR TRIM - TYPON OR EQ. SEE ELEVATION FOR SIZE
31. BRACKET OR KICKER - TYPON 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. SOLIDER CROWN
40. JACK SOLIDER COURSE
41. WATER TABLE
42. TRIUM DOOR
43. PILASTER - SEE ELEVATION FOR TYPE

NOTE: NOT ALL KEY NOTES APPLY.

1. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL - SLOPE 1/8" PER FT. MIN.
2. CONCRETE GARAGE DOOR PER STRUCTURAL - SLOPE 1/8" PER FT. MIN.
3. CONCRETE FOUNDATION PER STRUCTURAL.
4. CONCRETE STAIR, 86"x36" STANDARD
5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
6. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND.
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 FROM TO FACE OF SLAB
11. 4" MIN. 8 1/4" MAX. TO HARD SURFACE.
12. A/C PAD. VERIFY LOCATION.
13. 3/8" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.

SLAB PLAN NOTES

1. CONCRETE PATIO/PORCH SLAB PER STRUCTURAL - SLOPE 1/8" PER FT. MIN.
2. CONCRETE GARAGE DOOR PER STRUCTURAL - SLOPE 1/8" PER FT. MIN.
3. CONCRETE FOUNDATION PER STRUCTURAL.
4. CONCRETE STAIR, 86"x36" STANDARD
5. CONCRETE DRIVEWAY SLOPE 1/4" PER FT. MIN. AWAY FROM GARAGE DOOR OPENING.
6. PROVIDE ELECTRICAL CONDUIT UNDER SLAB AT ISLAND.
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 FROM TO FACE OF SLAB
11. 4" MIN. 8 1/4" MAX. TO HARD SURFACE.
12. A/C PAD. VERIFY LOCATION.
13. 3/8" WIDE WALKWAY- SLOPE 1/4" PER FT. MIN.

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

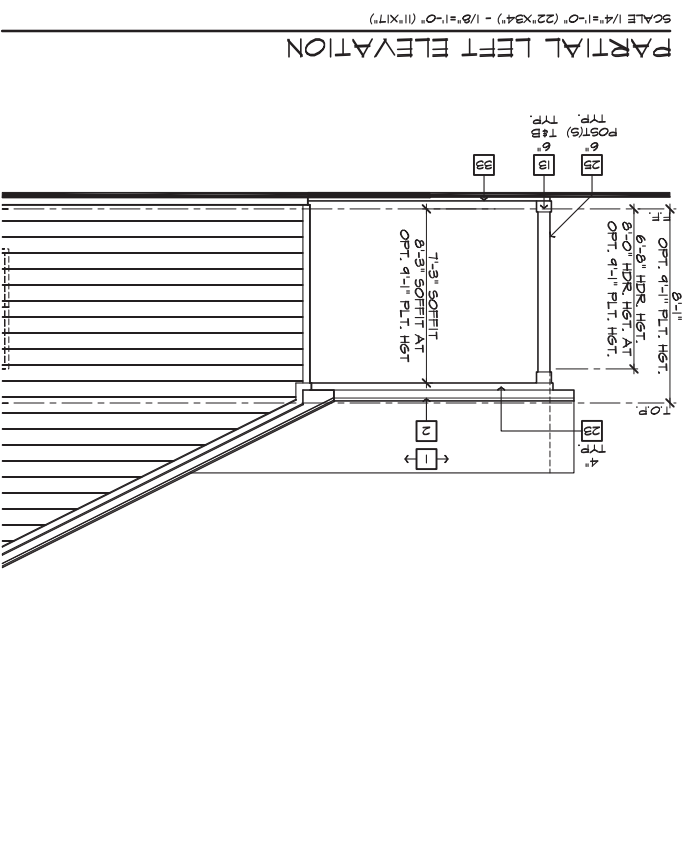
NOTE: REFER TO BASIC FLOOR PLAN FOR INFORMATION NOT SHOWN HERE

NOTE: REFER TO BASIC ELEVATIONS FOR INFORMATION NOT SHOWN HERE

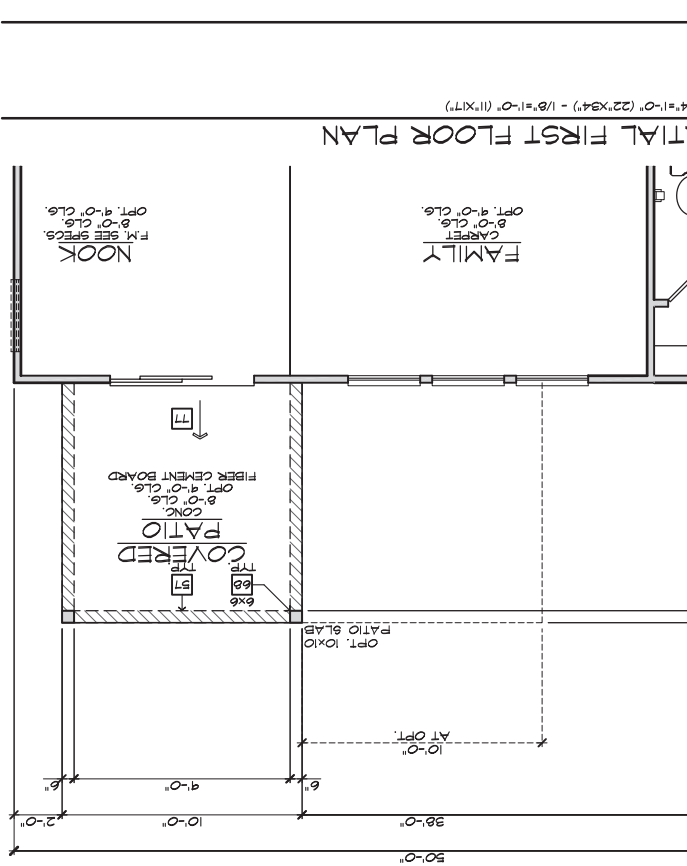
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NOTE: REFER TO BASIC SLAB PLAN FOR INFORMATION NOT SHOWN HERE

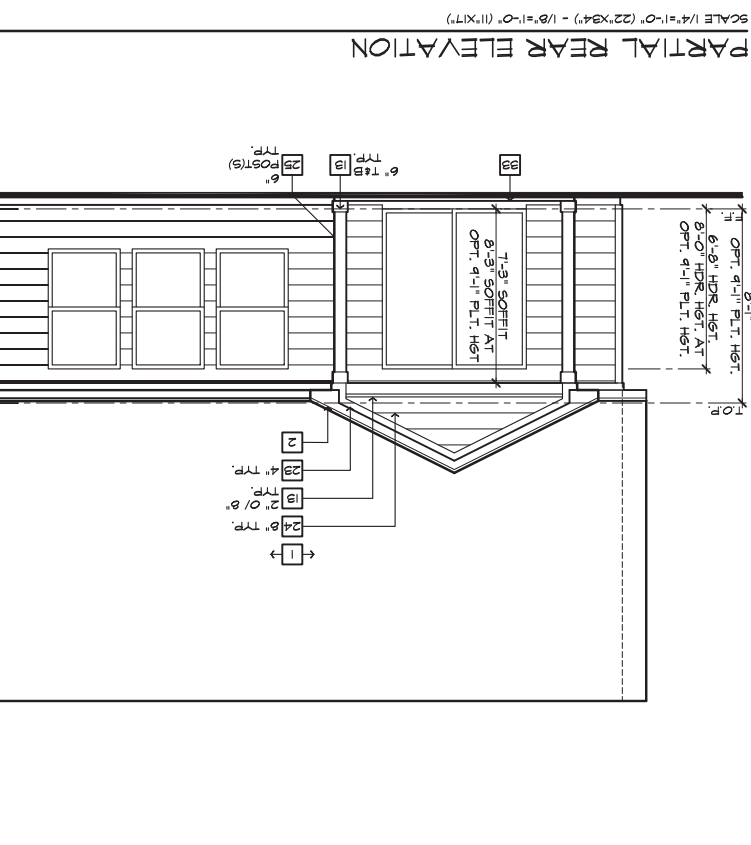
PARTIAL LEFT ELEVATION



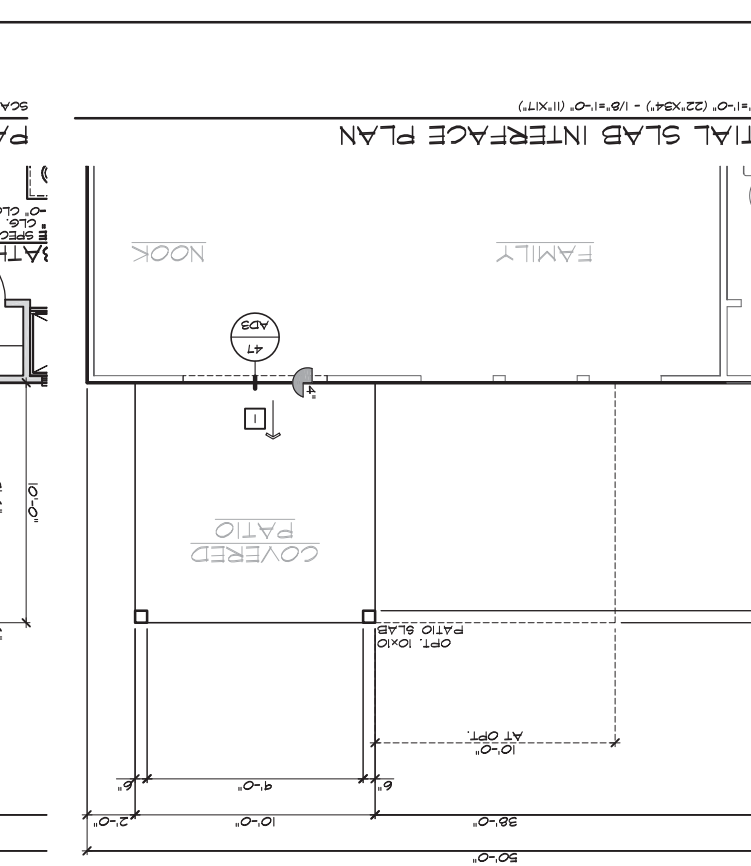
NOTE: NOT ALL KEY NOTES APPLY.



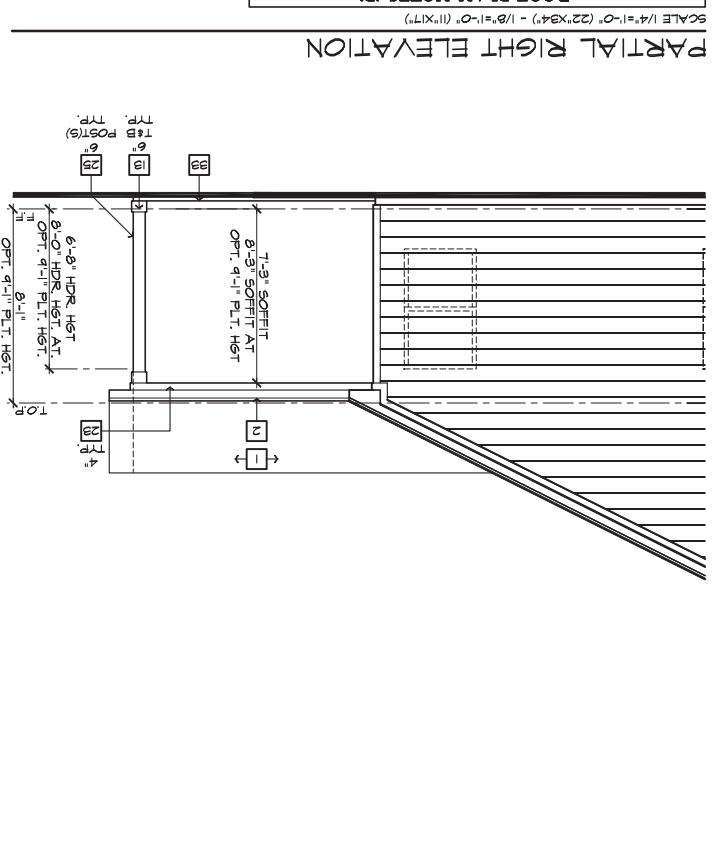
PARTIAL REAR ELEVATION



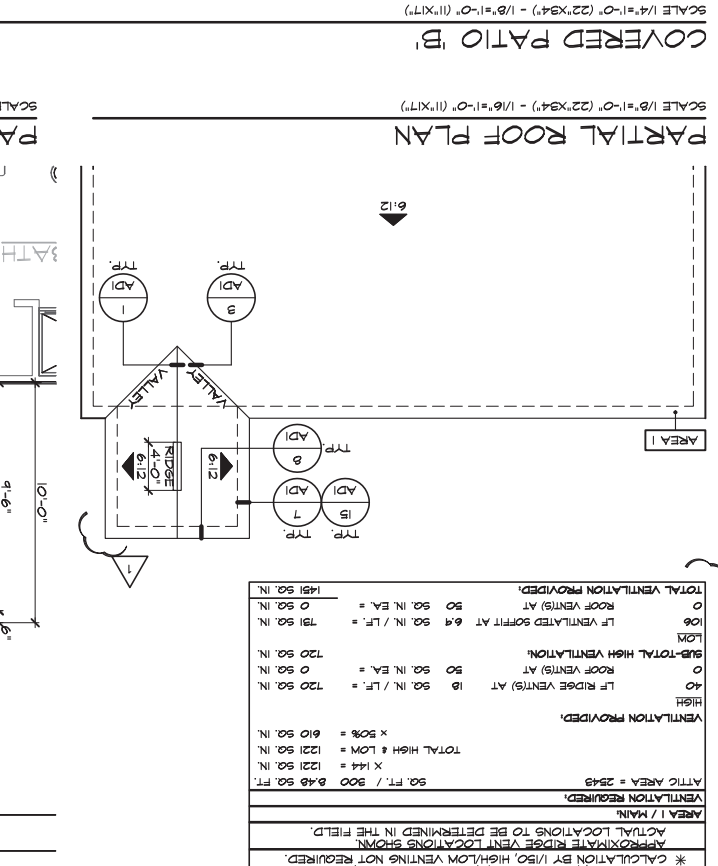
NOTE: NOT ALL KEY NOTES APPLY.



PARTIAL RIGHT ELEVATION



NOTE: NOT ALL KEY NOTES APPLY.



ROOF PLAN NOTES .B.

INDICATES ROOF SLOPE AND DIRECTION UNO.

6:12

ROOF MATERIAL, COMPOSITION SINGLE

12" (1 INCHES) TYPICAL ROOF OVERHANGS AT RAKE, UNO.

12" (1 INCHES) TYPICAL 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 VENTS) AT 3'-0" ABOVE RAFTER VENT WITH THE BALANCE BEING PROVIDED BY EAVE VENTS. (LOW VENTS) (2018 I.C.C.-R 806.2) * CALCULATION BY 1/50" HIGH/LOW VENTS NOT REQUIRED.

APPROXIMATE RIDGE VENT LOCATIONS SHOWN

ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD.

VENTILATION REQUIRED:

ATTIC AREA = 2543

SQ. FT. / 300 = 8.48 SQ. IN.

X 144 = 1221 SQ. IN.

TOTAL HIGH & LOW = 1221 SQ. IN.

X 50% = 610 SQ. IN.

VENTILATION PROVIDED:

LF RIDGE VENTS AT 18 SQ. IN. / LF. = 120 SQ. IN.

40 ROOF VENTS AT 50 SQ. IN. EA. = 2000 SQ. IN.

98-TOTAL HIGH VENTILATION = 120 SQ. IN.

98-TOTAL HIGH VENTILATION = 120 SQ. IN.

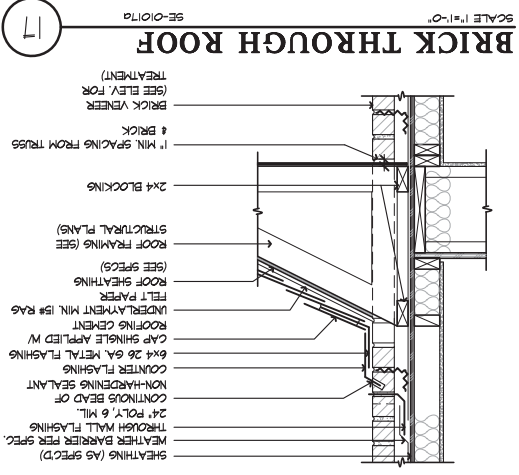
LF VENTILATED SOFFIT AT 64 SQ. IN. / LF. = 781 SQ. IN.

0 ROOF VENTS AT 50 SQ. IN. EA. = 0 SQ. IN.

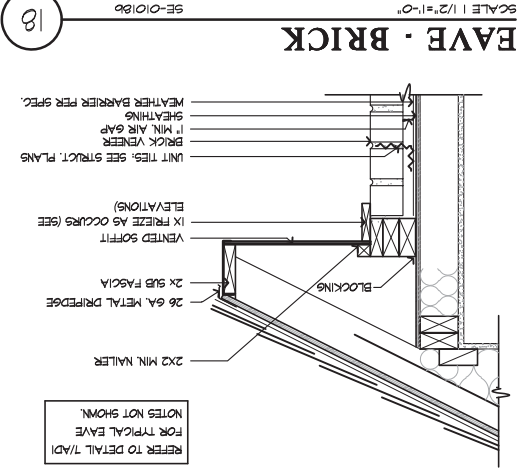
TOTAL VENTILATION PROVIDED = 1481 SQ. IN.

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

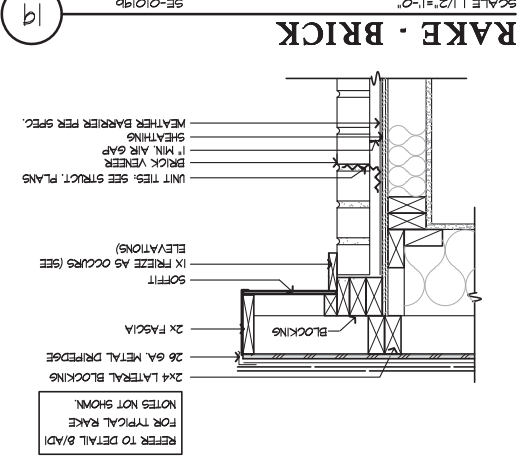
COVERED PATIO .B.



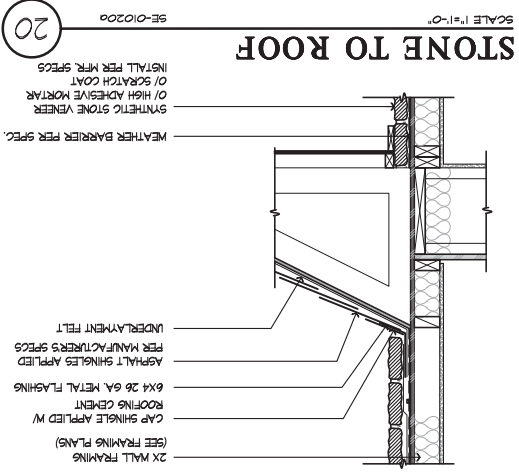
17 BRICK THROUGH ROOF
SCALE 1/2"=1'-0"



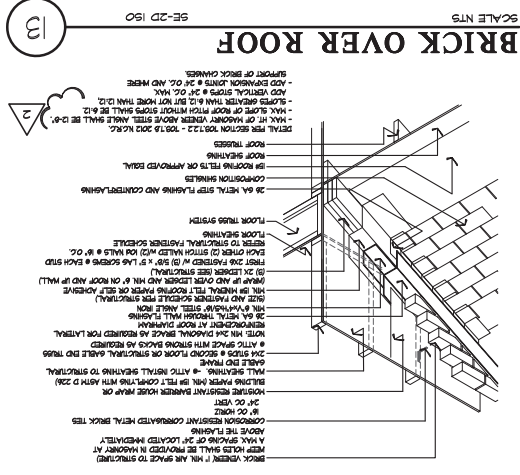
18 EAVE - BRICK
SCALE 1/2"=1'-0"



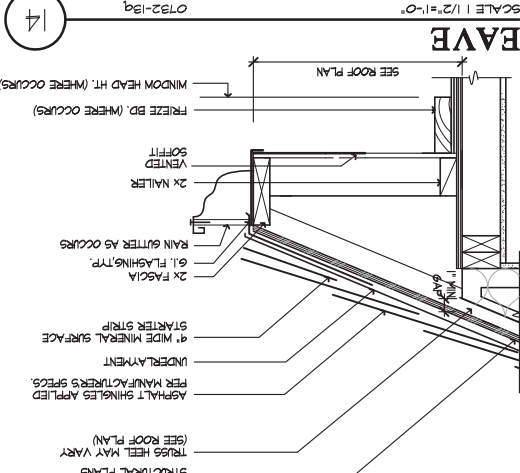
19 RAKE - BRICK
SCALE 1/2"=1'-0"



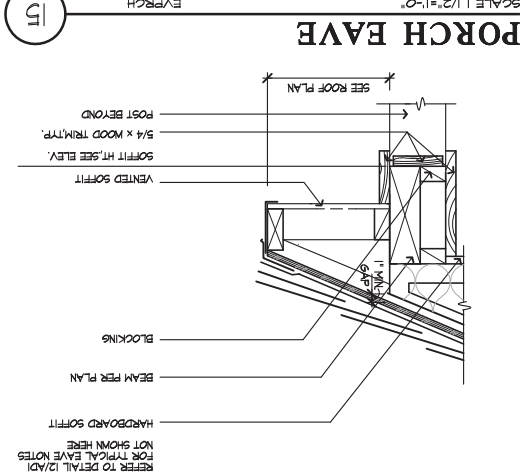
20 STONE TO ROOF
SCALE 1/2"=1'-0"



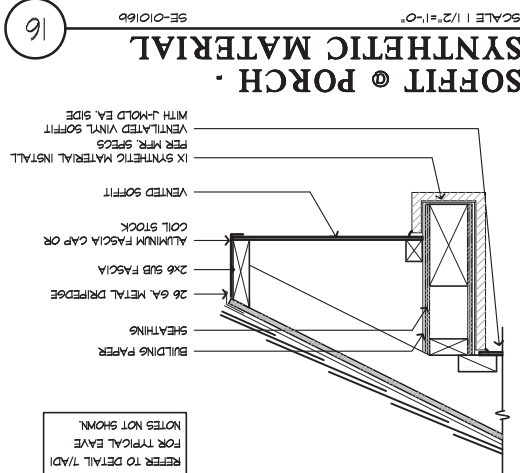
13 BRICK OVER ROOF
SCALE NTS



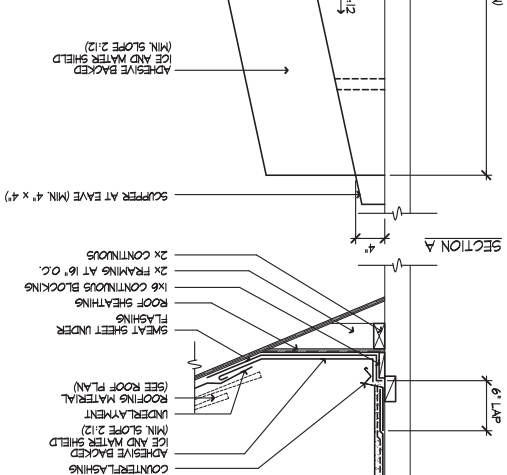
14 EAVE
SCALE 1/2"=1'-0"



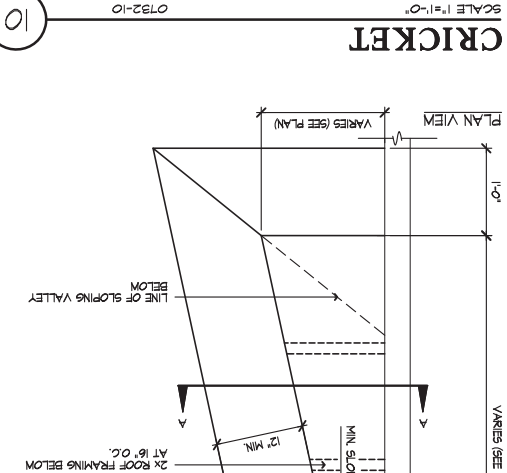
15 PORCH EAVE
SCALE 1/2"=1'-0"



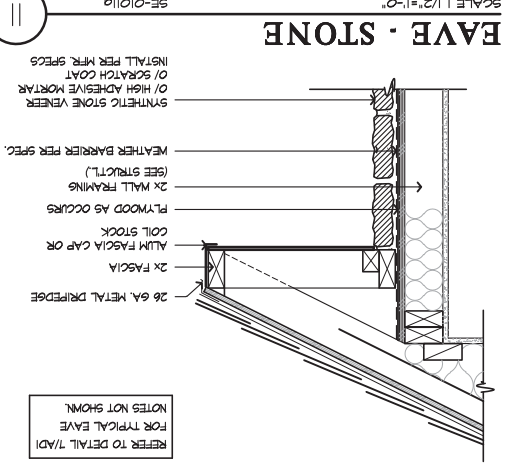
16 SOFFIT @ PORCH - SYNTHETIC MATERIAL
SCALE 1/2"=1'-0"



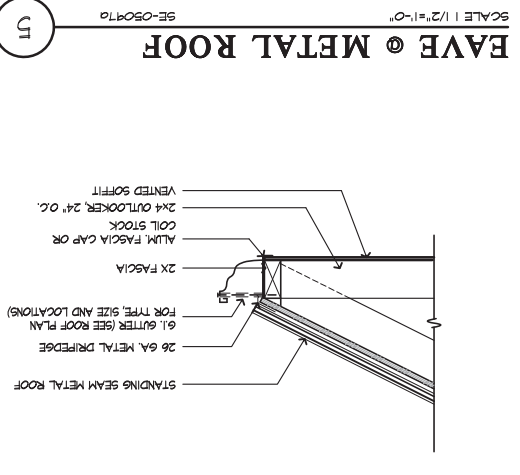
10 CRICKET
SCALE 1/2"=1'-0"



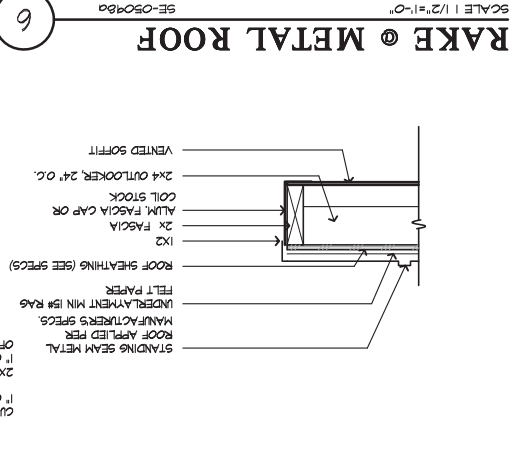
11 EAVE - STONE
SCALE 1/2"=1'-0"



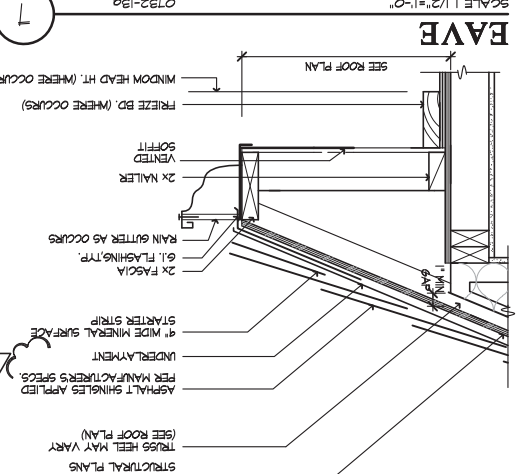
12 EAVE AT PORCH
SCALE 1/2"=1'-0"



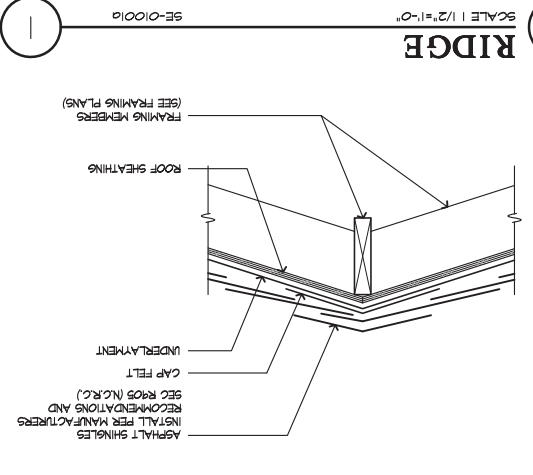
5 EAVE @ METAL ROOF
SCALE 1/2"=1'-0"



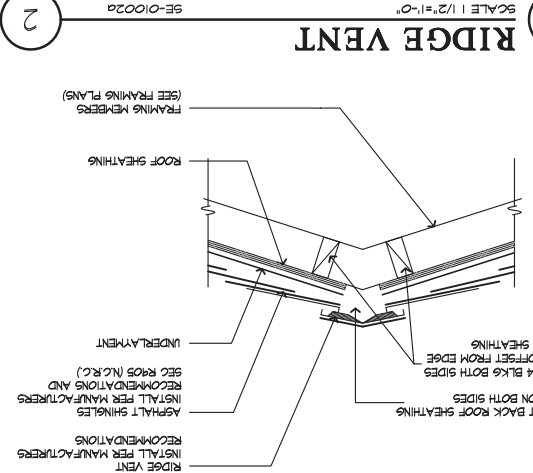
6 RAKE @ METAL ROOF
SCALE 1/2"=1'-0"



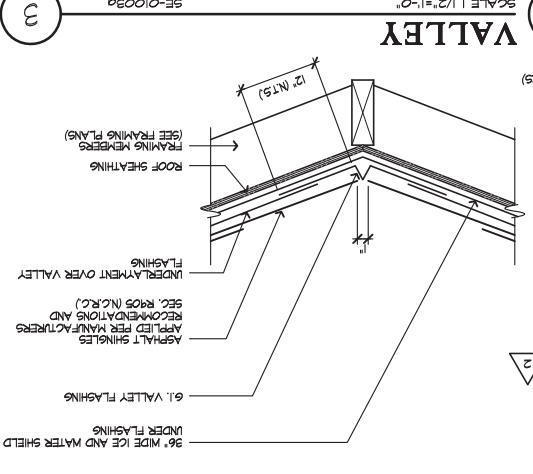
7 VALLEY
SCALE 1/2"=1'-0"



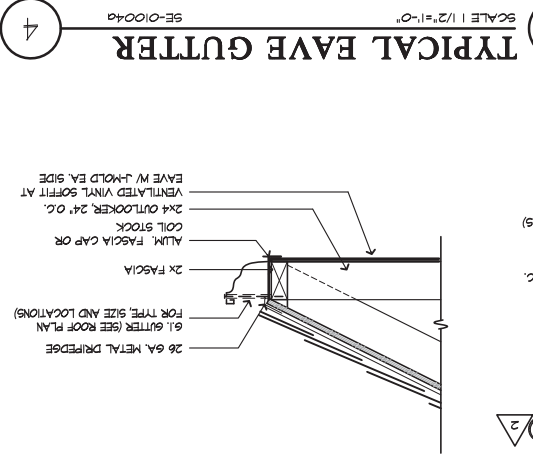
1 RIDGE
SCALE 1/2"=1'-0"



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



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



4 TYPICAL EAVE GUTTER
SCALE 1/2"=1'-0"



DETAILS

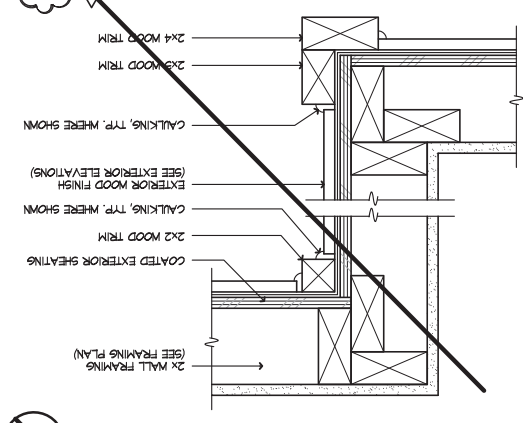
KB HOME
NORTH CAROLINA DIVISION
4518 S. MIAMI BLVD.
DURHAM, NC 27708
TEL: (919) 768-7988
FAX: (919) 472-0582

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

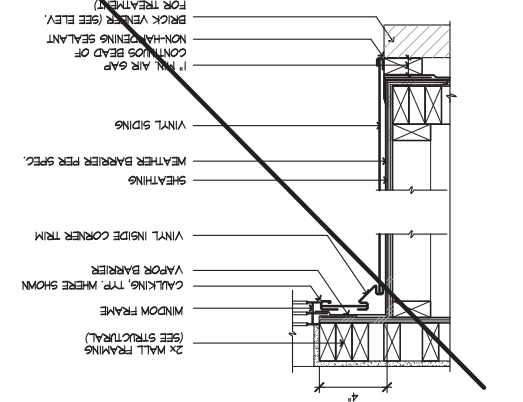
- 1 COMPLIANCE REVIEW
MC1208 - 02/28/12 - CTD
- 2 2012 NC CODE UPDATE
MC1216 - 03/22/12 - CTD
- 3 DETAIL UPDATE
MC1563 - 11/15 - DCS
- 4 2012 NC CODE UPDATE
MC1565 - 01/24/13 - MCP
- 5 DETAIL UPDATE
MC2001NCP - 01/15/20 - MCP

PLAN: ALL SHEET: ADI

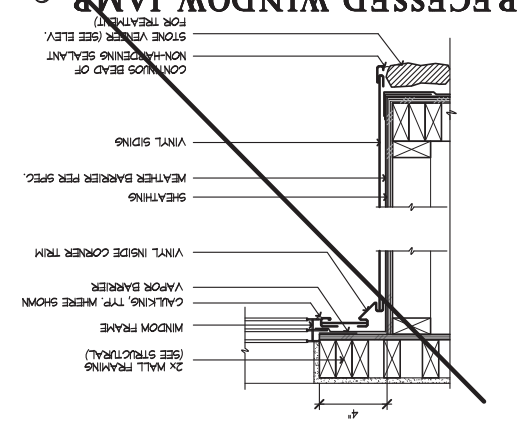
36 SIDING - CORNER TRIM
SCALE 3/4"=1'-0"
0746-02



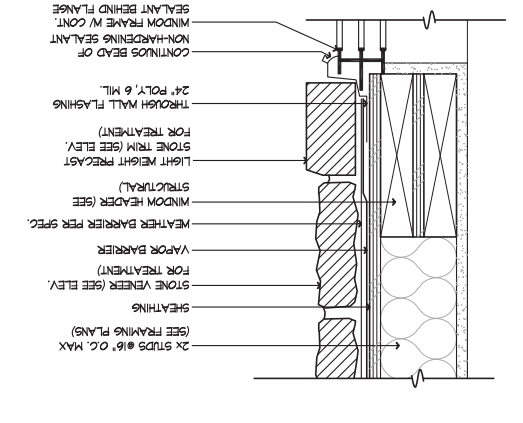
35 WINDOW JAMB - BRICK
SCALE 3/4"=1'-0"
SE-02095d



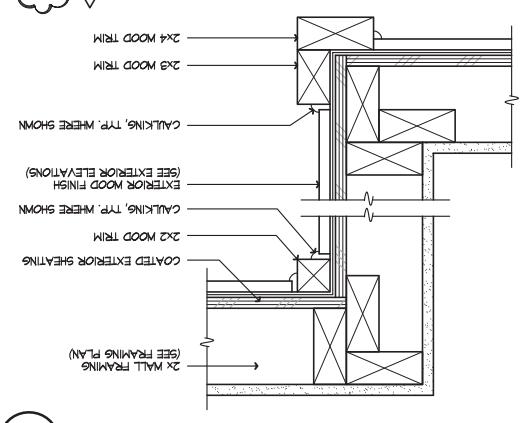
34 WINDOW SILL - BRICK
SCALE 3/4"=1'-0"
SE-02094d



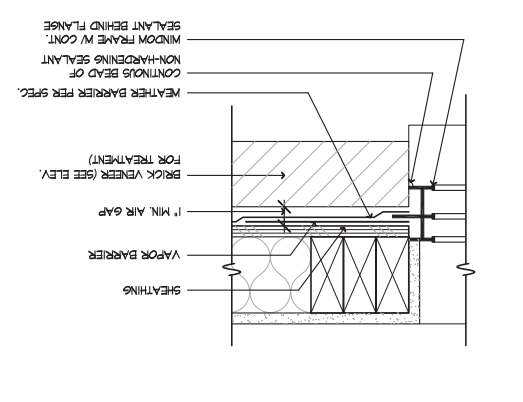
37 WINDOW HEAD - BRICK
SCALE 3/4"=1'-0"
SE-02096d



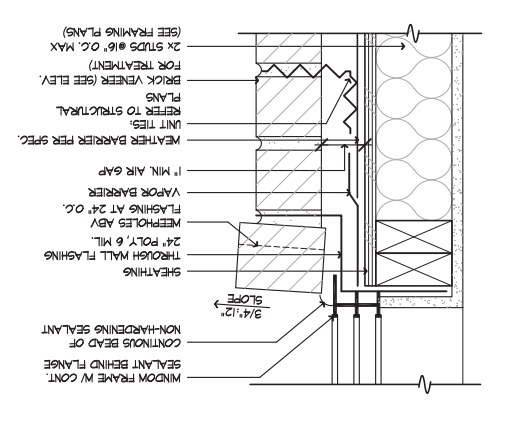
32 VERT. WINDOW MULL.
SCALE 3/4"=1'-0"
0850-04d



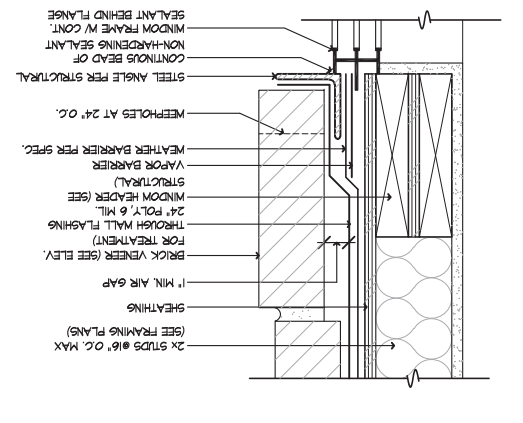
31 WINDOW JAMB - STONE
SCALE 3/4"=1'-0"
SE-02091d



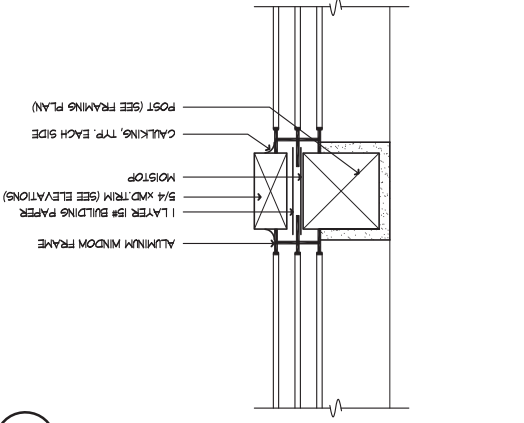
30 WINDOW SILL - STONE
SCALE 3/4"=1'-0"
SE-02090d



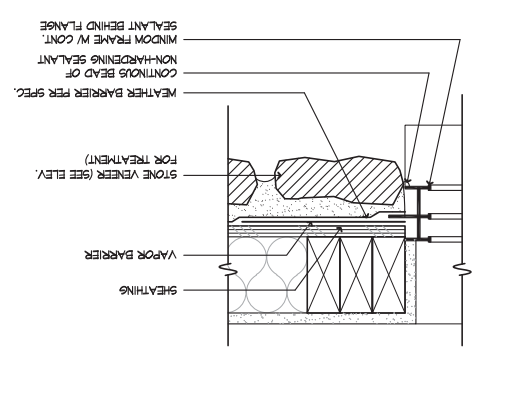
29 WINDOW HEAD - STONE
SCALE 3/4"=1'-0"
SE-02094d



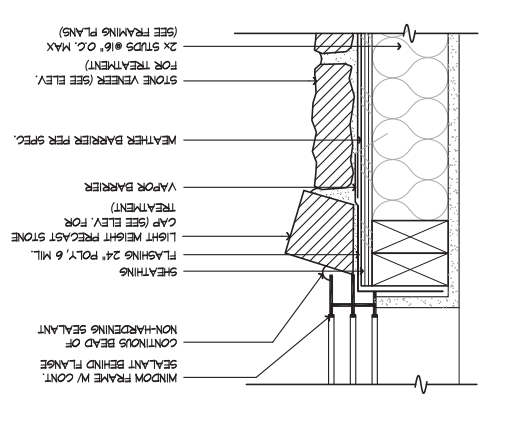
28 WINDOW SILL
SCALE 3/4"=1'-0"
0850-02s



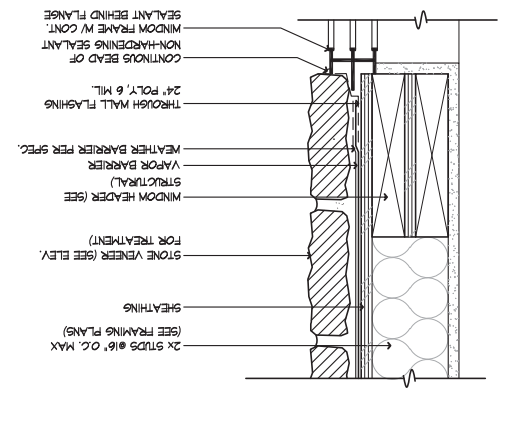
27 WINDOW HEAD
SCALE 3/4"=1'-0"
0850-15



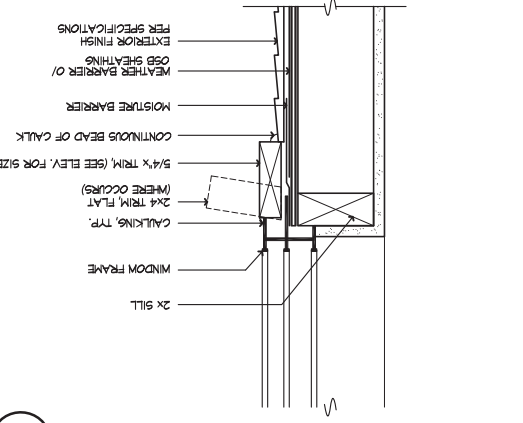
26 VAPOR BARRIER
SCALE 1/4"=1'-0"
SE-02022d



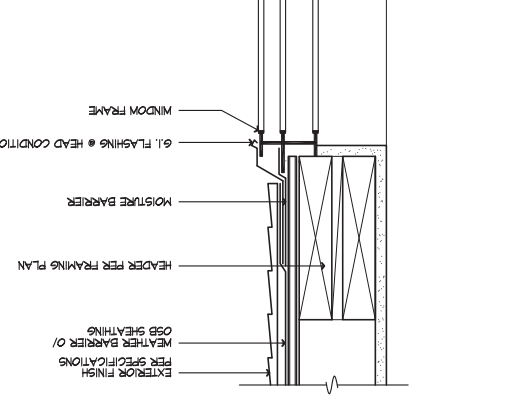
25 WINDOW HEAD - BRICK
SCALE 3/4"=1'-0"
SE-02094d



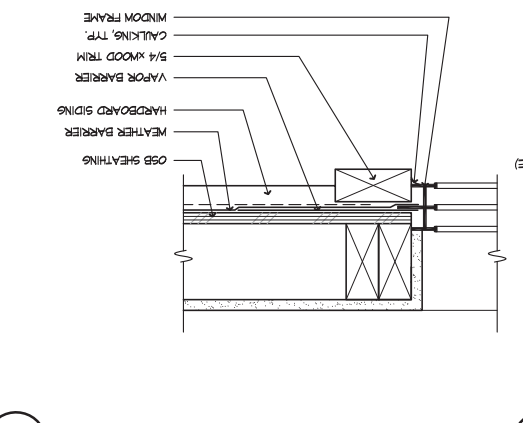
24 WINDOW JAMB
SCALE 3/4"=1'-0"
0850-02s



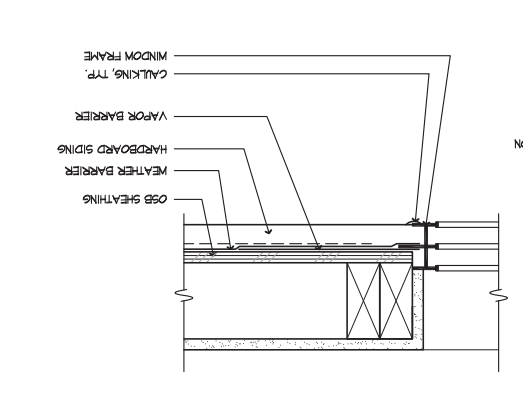
23 WINDOW JAMB
SCALE 3/4"=1'-0"
0850-02s



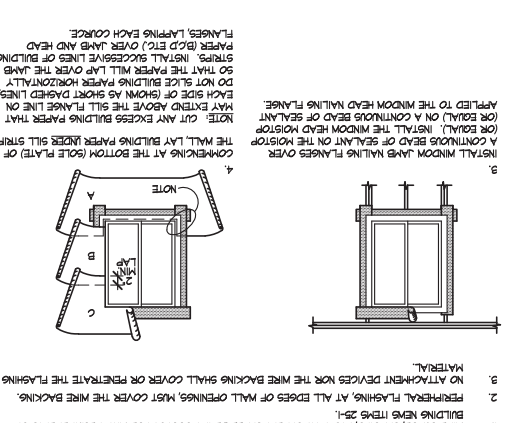
22 VAPOR BARRIER
SCALE 1/4"=1'-0"
SE-02022d



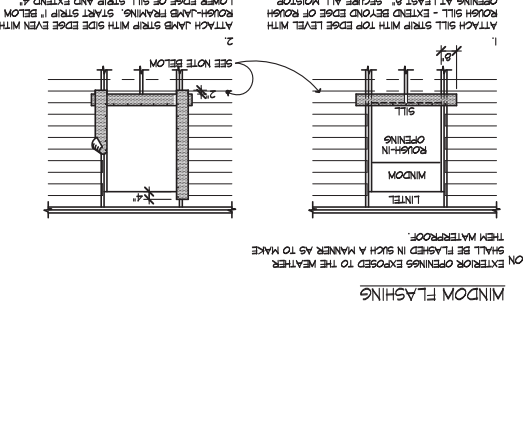
21 WINDOW HEAD
SCALE 3/4"=1'-0"
0850-15



20 WINDOW SILL
SCALE 1/4"=1'-0"
SE-02022d



19 WINDOW HEAD - BRICK
SCALE 3/4"=1'-0"
SE-02094d



PLAN:

ALL SHEETS: AD2

REVISIONS:

| | | |
|---|---------------------|----------|
| 1 | COMPLIANCE REVIEW | 01/15/20 |
| 2 | 2018 NC CODE UPDATE | |
| 3 | 2018 NC CODE UPDATE | |
| 4 | 2018 NC CODE UPDATE | |
| 5 | DETAIL UPDATE | |

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

FOR INTERVAL USE ONLY

DETAILS

1. LINE-WIRE WHEN USED AS BACKING TO SUPPORT BUILDING PAPER BEHIND LATH (NETTING) SHALL BE INSTALLED AS FOLLOWS:

2. WIRE GAUGE, SPACING, AND ATTACHMENT SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF BUILDING CODES AND LOCAL ORDINANCES.

3. NO ATTACHMENT DEVICES WORK THE WIRE BACKING SHALL COVER OR PENETRATE THE FLASHING MATERIAL.

4. PERIPHERAL FLASHING, AT ALL EDGES OF WALL OPENINGS, MUST COVER THE WIRE BACKING.

5. ATTACHMENT DEVICES WORK THE WIRE BACKING SHALL COVER OR PENETRATE THE FLASHING MATERIAL.

6. ATTACH WINDOW JAMB NAILING FLANGES OVER COMING AT THE BOTTOM (SOLE PLATE) OF THE WALL. LATH BUILDING PAPER LAYERS SHALL BE INSTALLED ON THE WINDOW HEAD AND SIDING (OR EQUAL). INSTALL THE WINDOW HEAD AND SIDING PAPER (TOP AND BOTTOM) OVER THE WINDOW JAMB AND HEAD. EACH SIDE OF WINDOW AND HEAD. FLANGES, LAPPING EACH CORNER.

7. NOTE: CUT ANY EXCESS BUILDING PAPER THAT MAY EXTEND ABOVE THE SILL FLANGE LINE ON EACH SIDE OF WINDOW AND HEAD.

8. DO NOT SLICE BUILDING PAPER HORIZONTALLY SO THAT THE PAPER WILL LAP OVER THE JAMB.

9. INSTALL EXCESSIVE LINE OF BUILDING PAPER (TOP AND BOTTOM) OVER THE WINDOW JAMB AND HEAD.

10. ATTACH JAMB STRIP WITH TOP EDGE LEVEL WITH LOWER EDGE OF SILL STRIP AND EXTEND 4" BELOW LOWER EDGE OF SILL STRIP.

11. ATTACH JAMB STRIP WITH SIDE EDGE EVEN WITH LOWER EDGE OF SILL STRIP.

12. ATTACH JAMB STRIP WITH TOP EDGE LEVEL WITH LOWER EDGE OF SILL STRIP AND EXTEND 4" BELOW LOWER EDGE OF SILL STRIP.

13. ATTACH JAMB STRIP WITH SIDE EDGE EVEN WITH LOWER EDGE OF SILL STRIP.

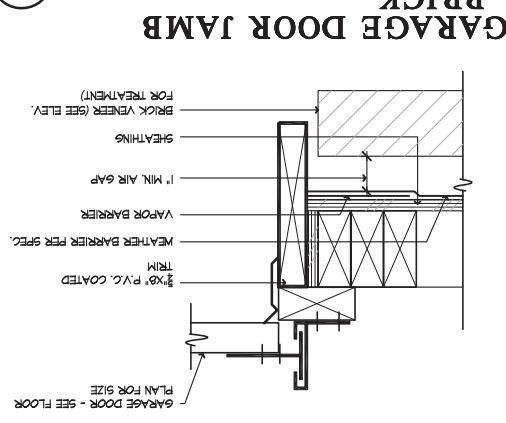
14. ATTACH JAMB STRIP WITH TOP EDGE LEVEL WITH LOWER EDGE OF SILL STRIP AND EXTEND 4" BELOW LOWER EDGE OF SILL STRIP.

15. ATTACH JAMB STRIP WITH SIDE EDGE EVEN WITH LOWER EDGE OF SILL STRIP.

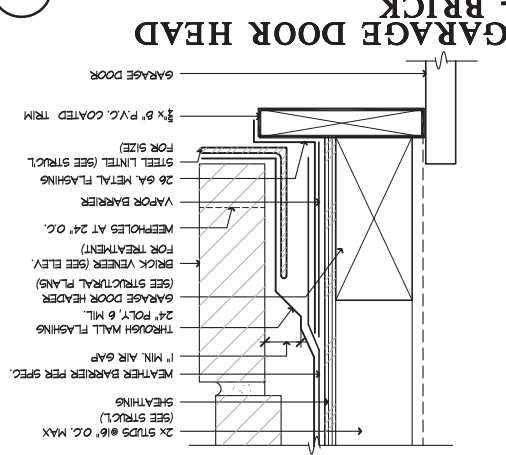
KB HOME

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

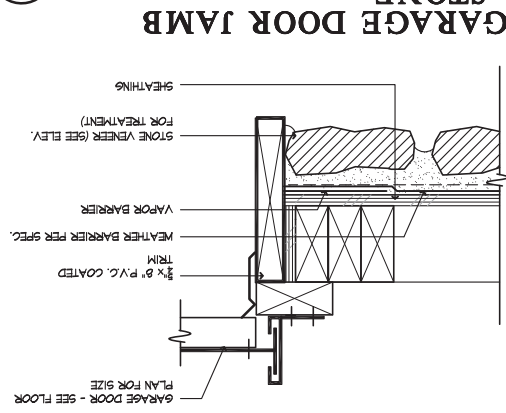
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SE-030604



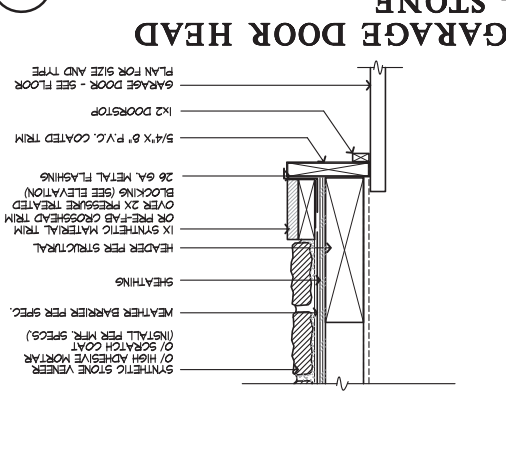
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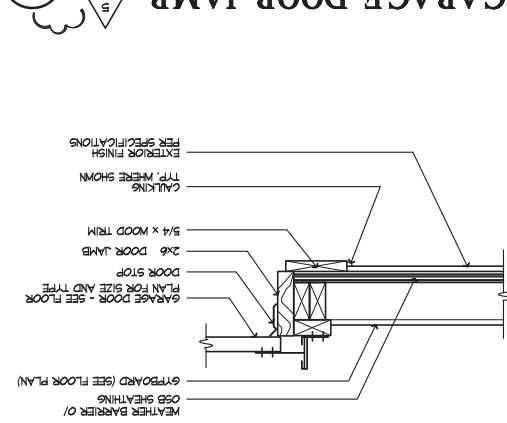
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SE-030584



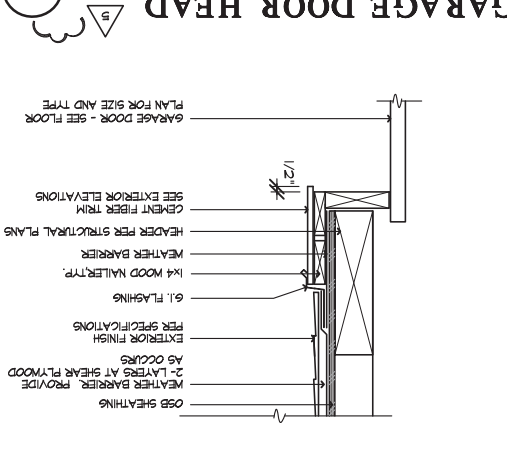
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SE-030574



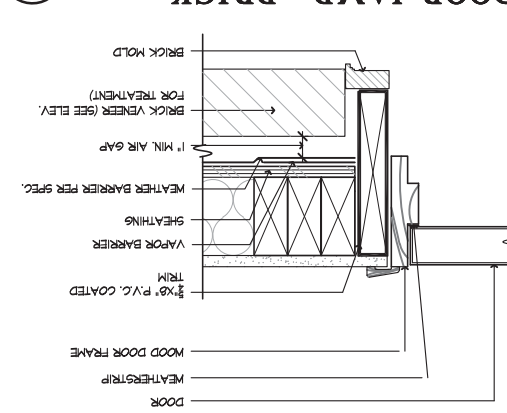
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0745-01



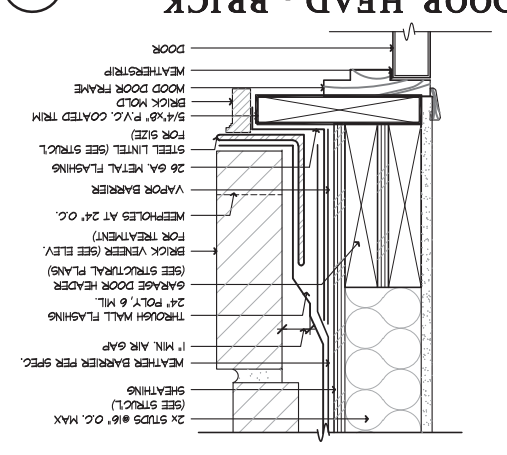
SCALE 1 1/2"=1'-0"
0420-344



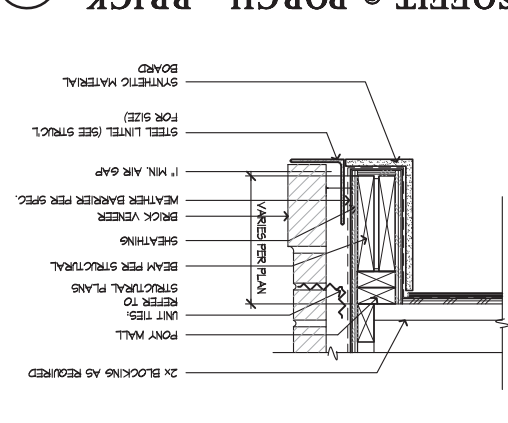
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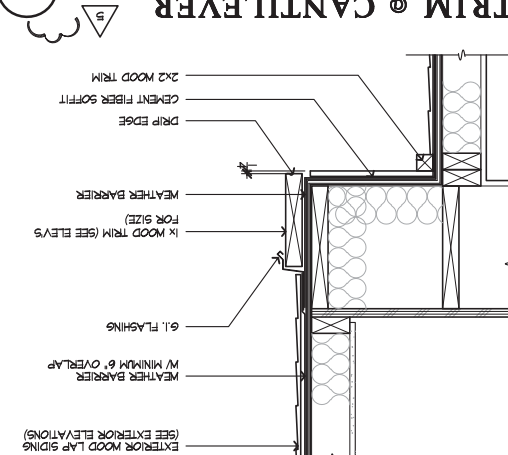
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SE-030534



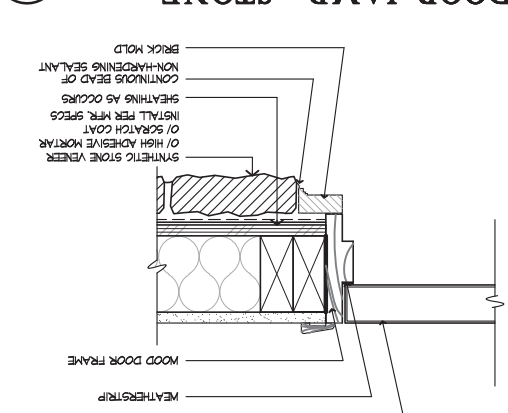
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SE-030524



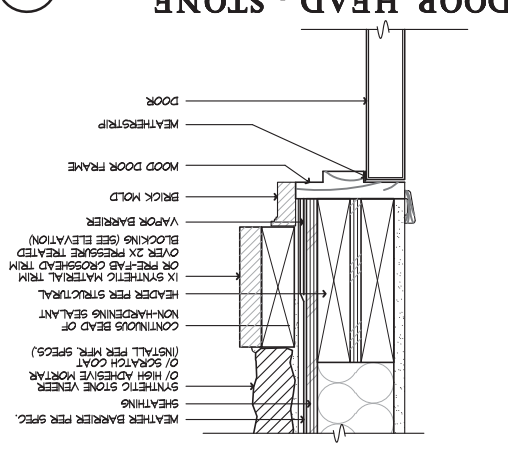
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0420-344



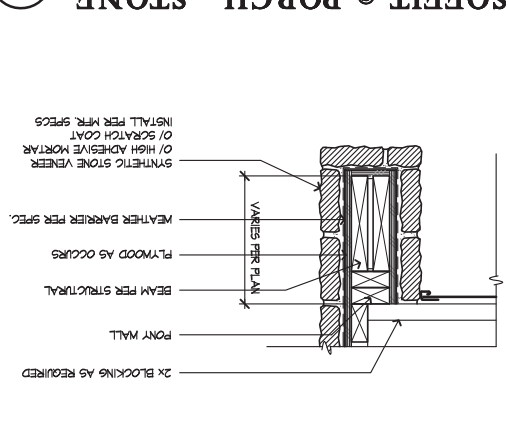
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SE-030504



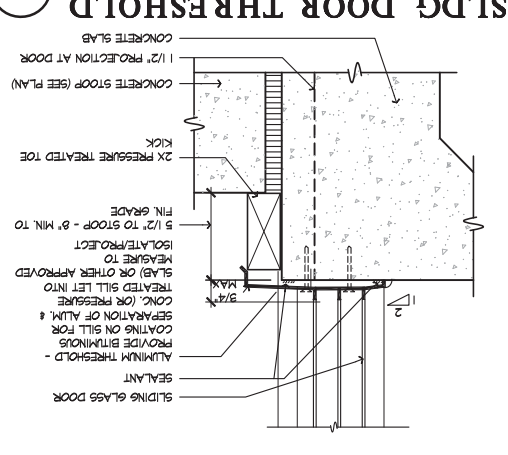
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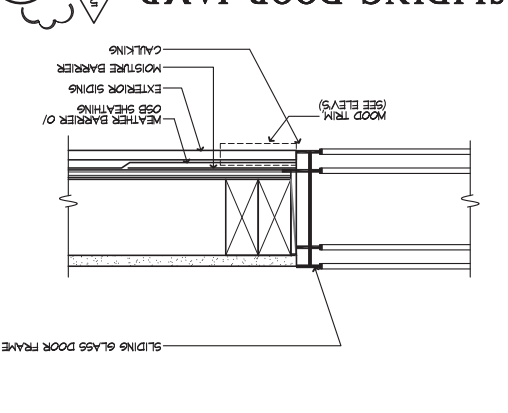
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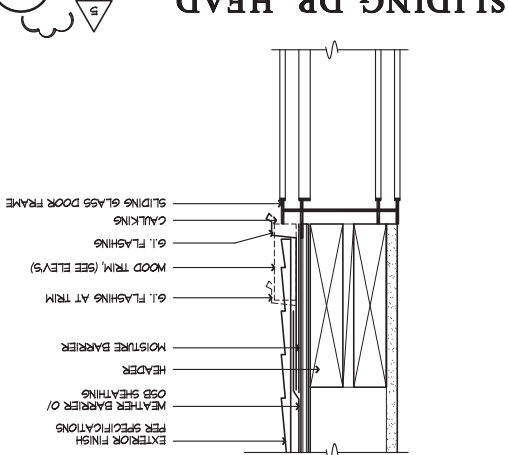
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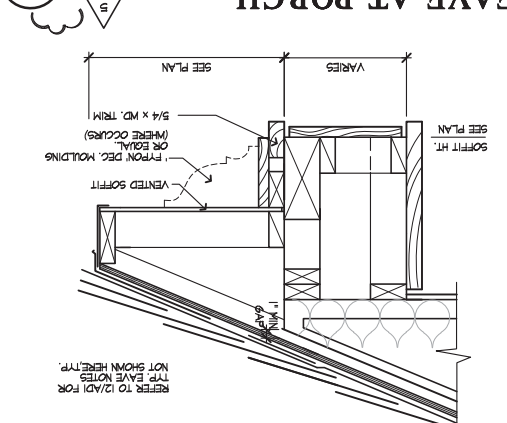
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0840-034



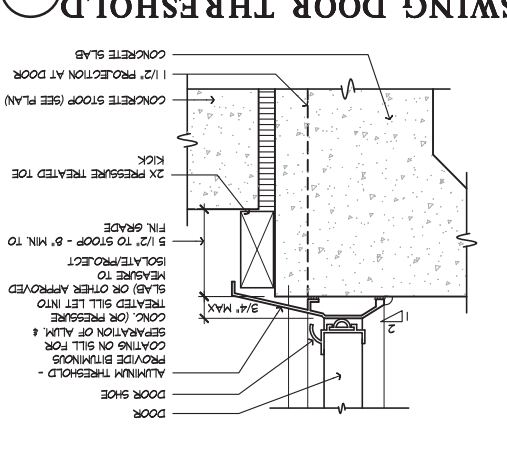
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0840-036



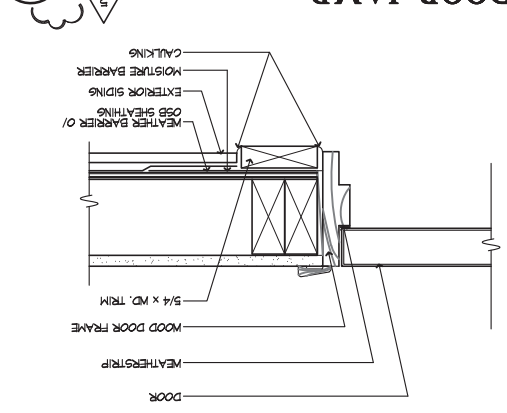
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EVRKCH2



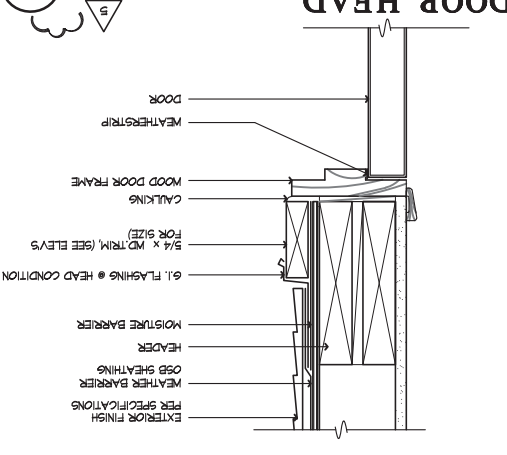
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SE-030434



SCALE 3/4"=1'-0"
0840-014



SCALE 3/4"=1'-0"
0840-016



PLAN: ALL SHEET: AD3

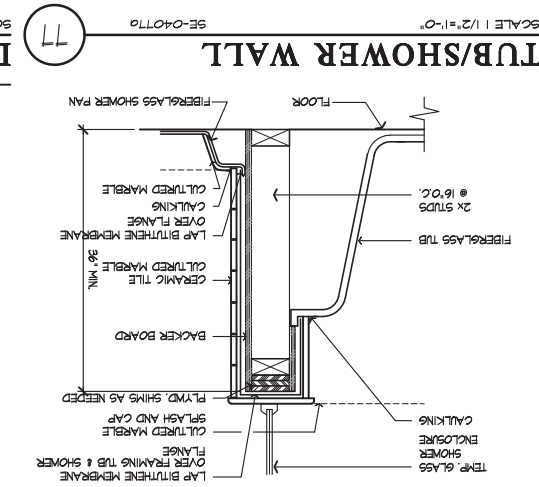
| | | |
|------------|------|-------------|
| REVISIONS: | DATE | DESCRIPTION |
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |

REVISIONS: 01/15/20
ISSUE DATE: 09/28/11
PROJECT NO.: 1350
DIVISION MGR.: M.C.P.
COMPLIANCE REVIEW: 02/28/12 - CTD
2012 NC CODE UPDATE: 03/22/12 - CTD
2012 NC CODE UPDATE: 01/24/13 - MCP
2012 NC CODE UPDATE: 01/25/20 - MCP

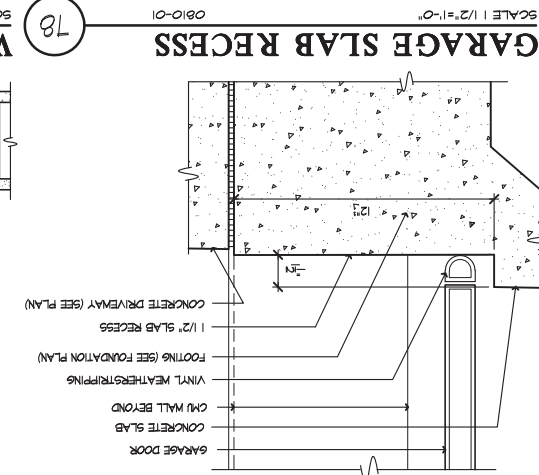
SCALE 3/4"=1'-0"
0840-016

SCALE 3/4"=1'-0"
0840-016

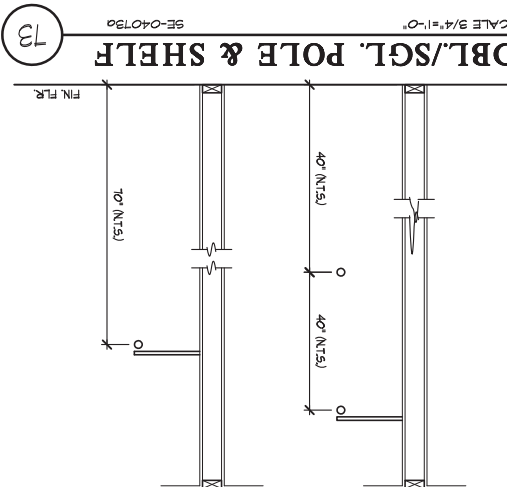
KB HOME



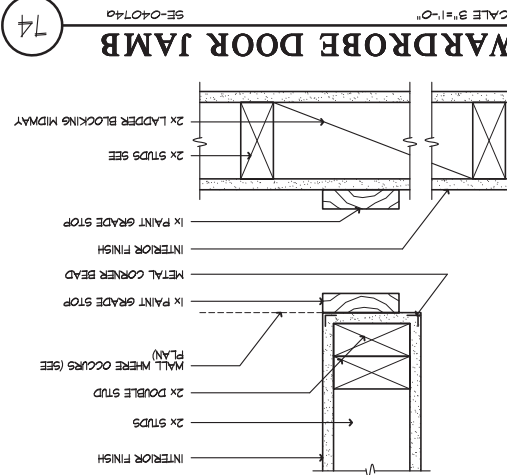
77 TUB/SHOWER WALL
SCALE 1/2"=1'-0"
SE-040710



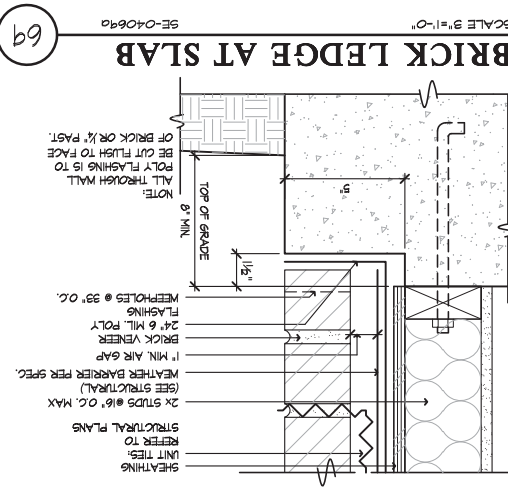
78 GARAGE SLAB RECESS
SCALE 1/2"=1'-0"
0810-01



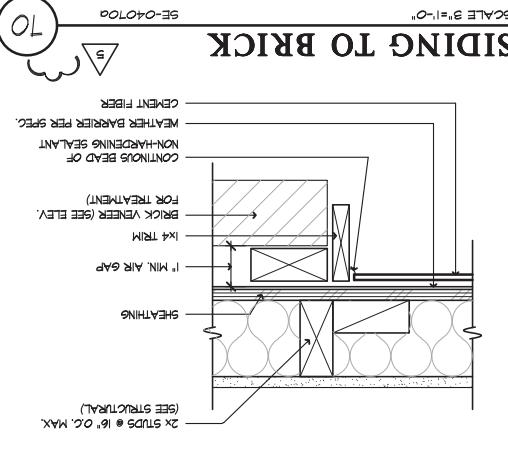
73 DBL./SGL. POLE & SHELF
SCALE 3/4"=1'-0"
SE-040730



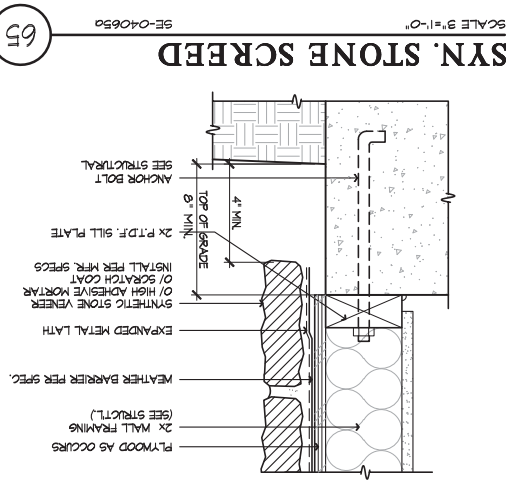
74 WARDROBE DOOR JAMB
SCALE 3/4"=1'-0"
SE-040740



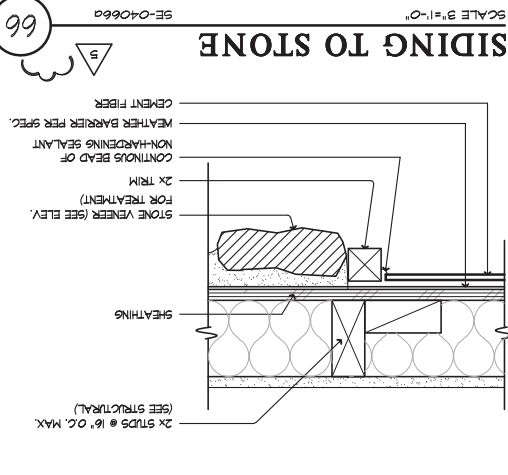
69 BRICK LEDGE AT SLAB
SCALE 3/4"=1'-0"
SE-040690



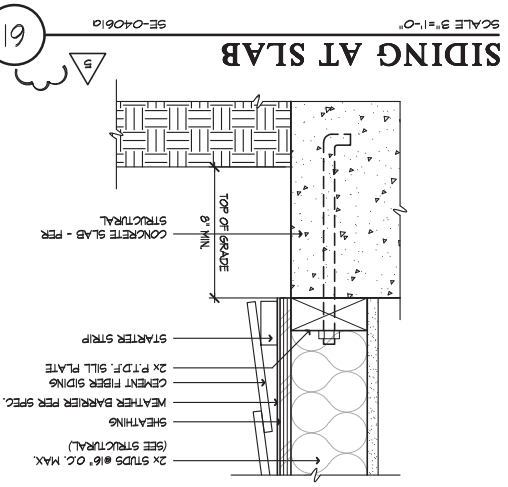
70 SIDING TO BRICK
SCALE 3/4"=1'-0"
SE-040700



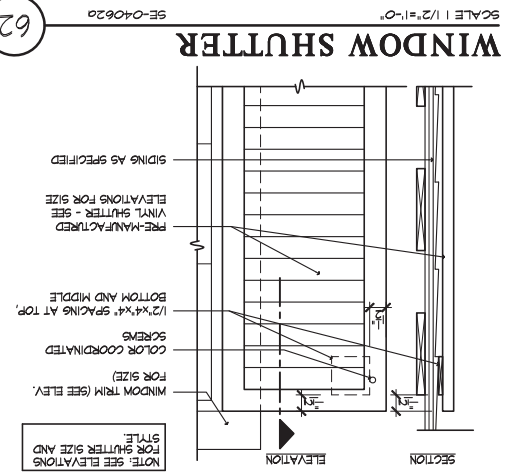
65 SYN. STONE SCREED
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SE-040650



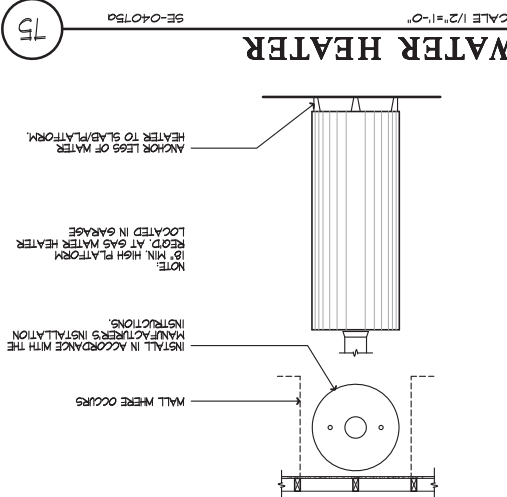
66 SIDING TO STONE
SCALE 3/4"=1'-0"
SE-040660



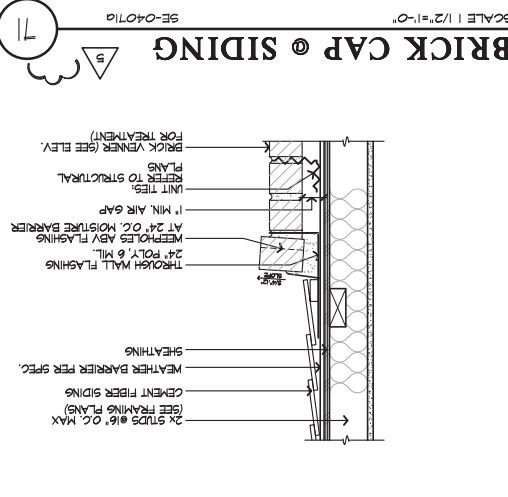
61 SIDING AT SLAB
SCALE 3/4"=1'-0"
SE-040610



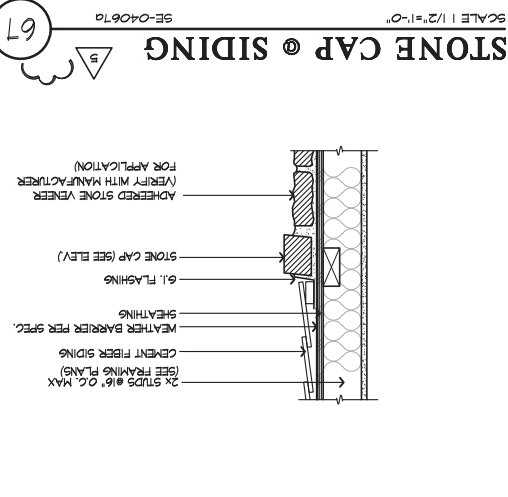
62 WINDOW SHUTTER
SCALE 1/2"=1'-0"
SE-040620



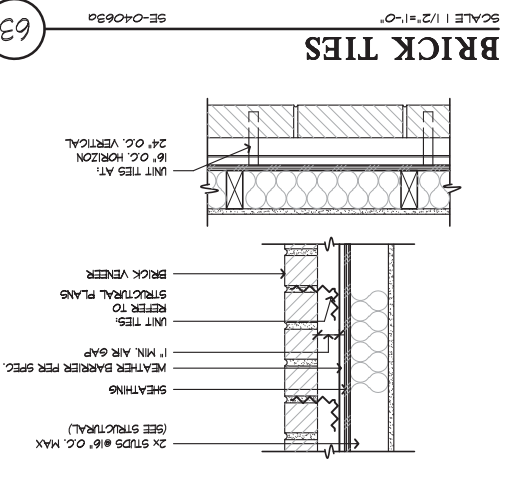
79 WATER HEATER
SCALE 1/2"=1'-0"
SE-040790



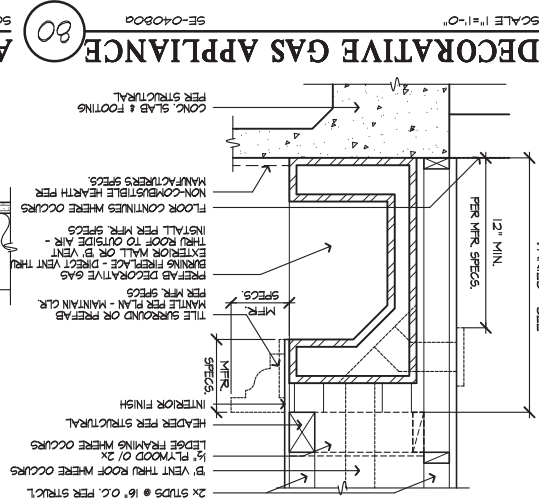
75 BRICK CAP @ SIDING
SCALE 1/2"=1'-0"
SE-040710



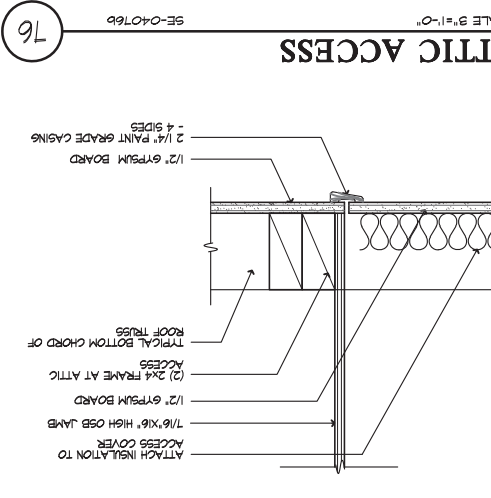
67 STONE CAP @ SIDING
SCALE 1/2"=1'-0"
SE-040670



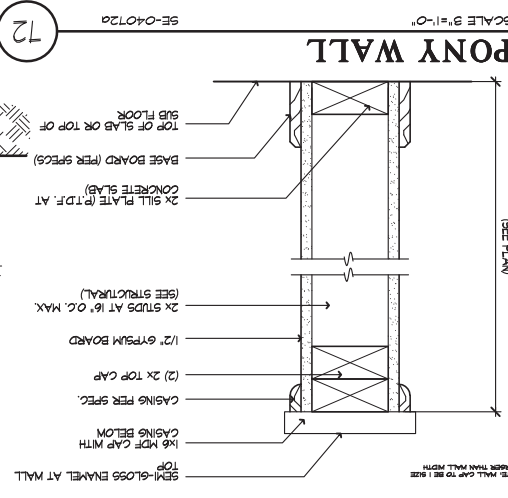
63 BRICK TIES
SCALE 1/2"=1'-0"
SE-040630



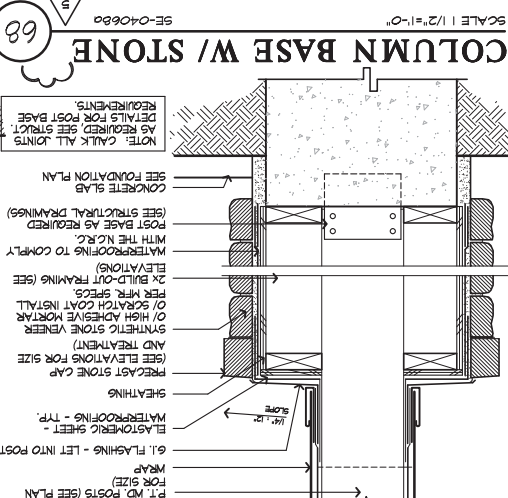
80 DECORATIVE GAS APPLIANCE
SCALE 1"=1'-0"
SE-040800



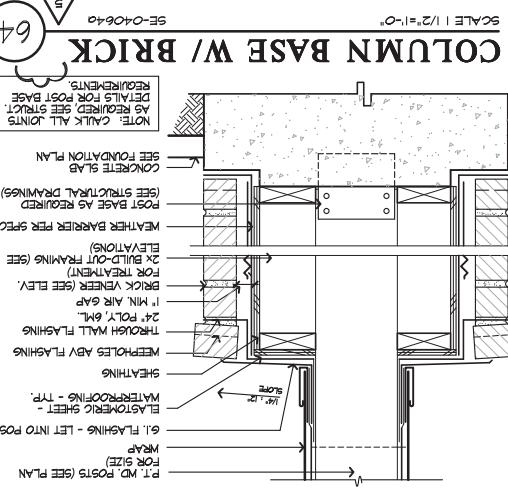
76 ATTIC ACCESS
SCALE 3/4"=1'-0"
SE-040760



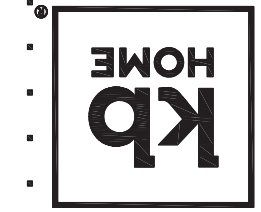
72 PONY WALL
SCALE 3/4"=1'-0"
SE-040720



68 COLUMN BASE W/ STONE
SCALE 1/2"=1'-0"
SE-040680



64 COLUMN BASE W/ BRICK
SCALE 1/2"=1'-0"
SE-040640

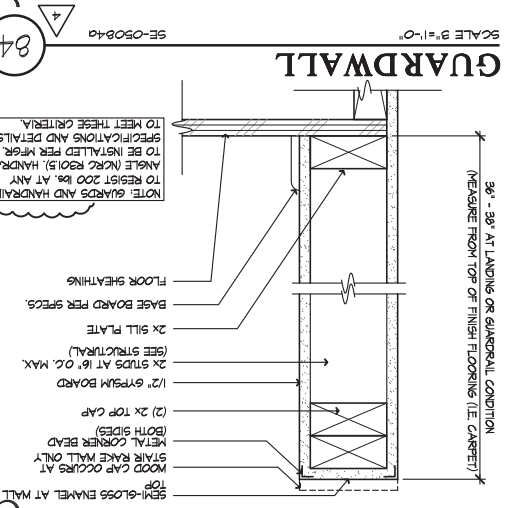
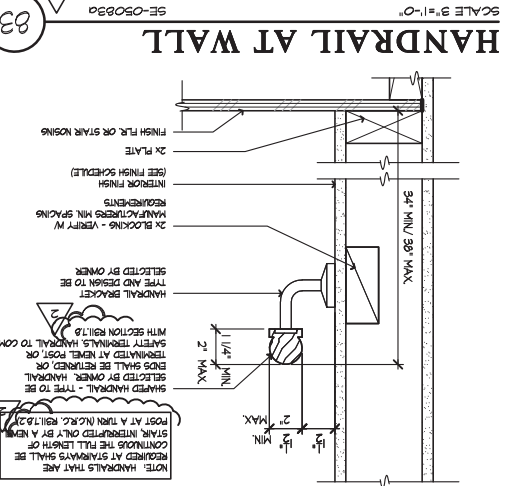
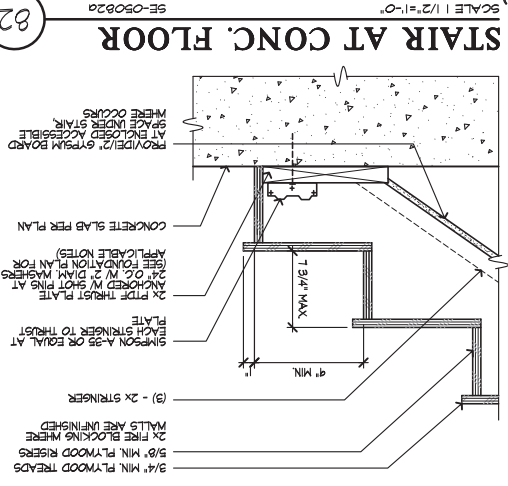
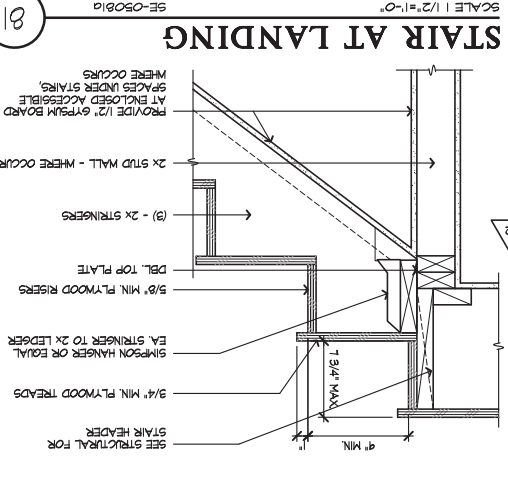
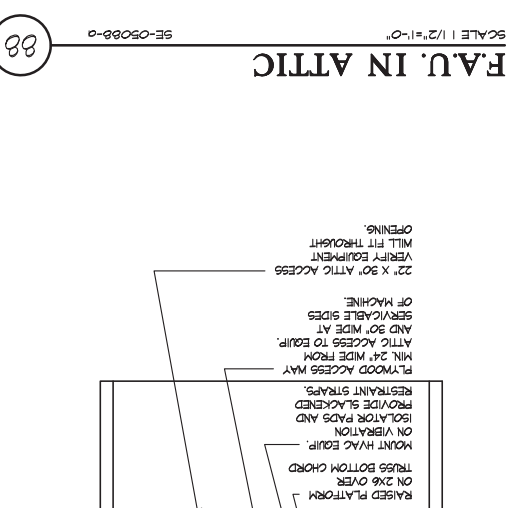
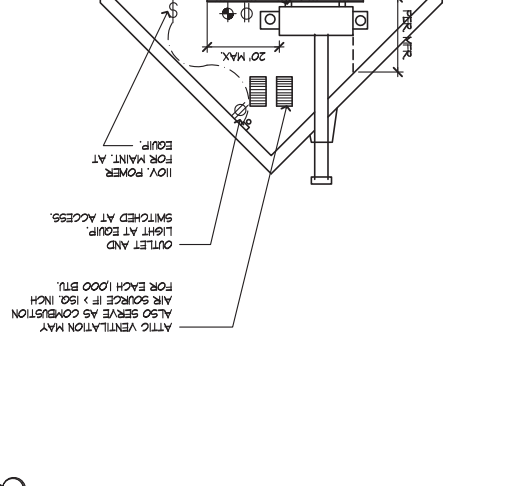
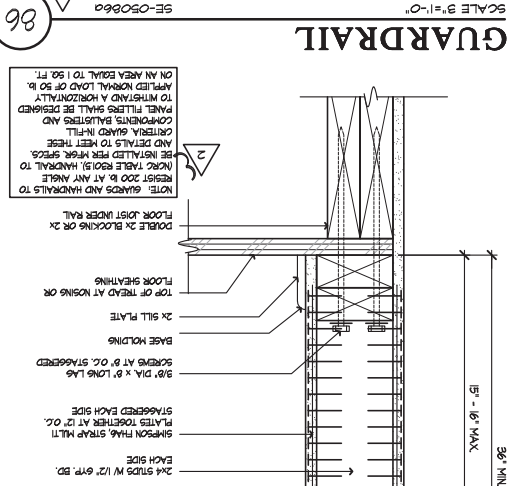
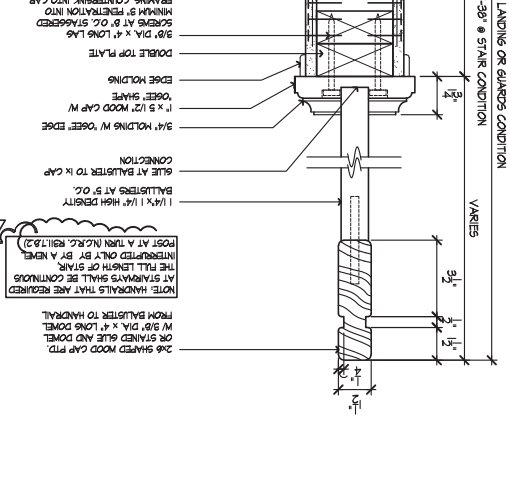
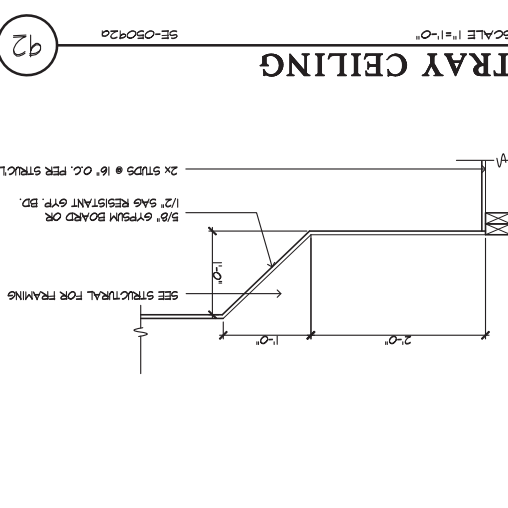
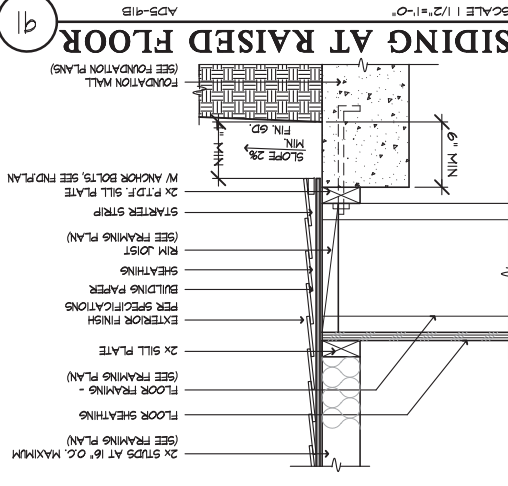
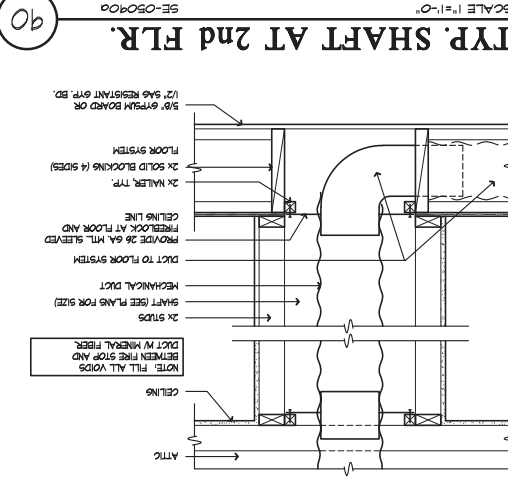
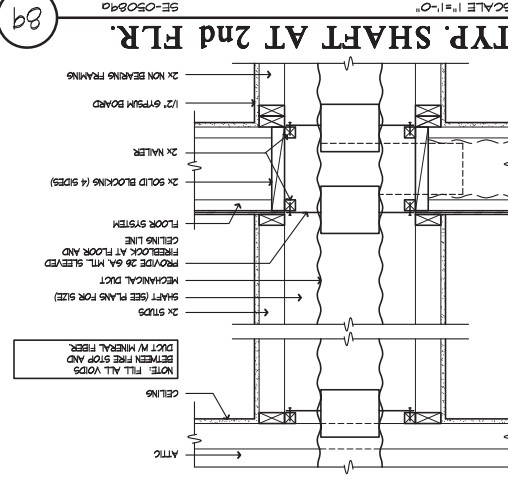
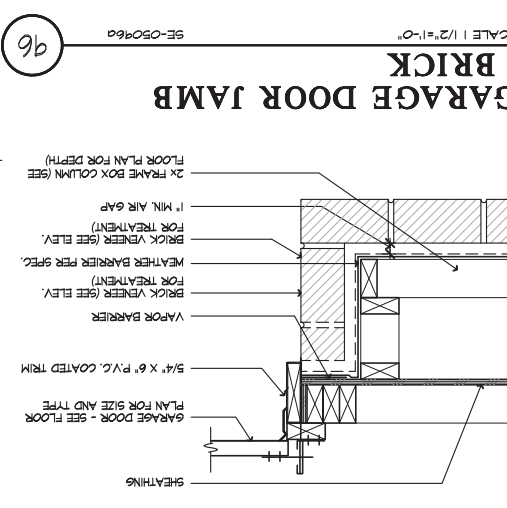
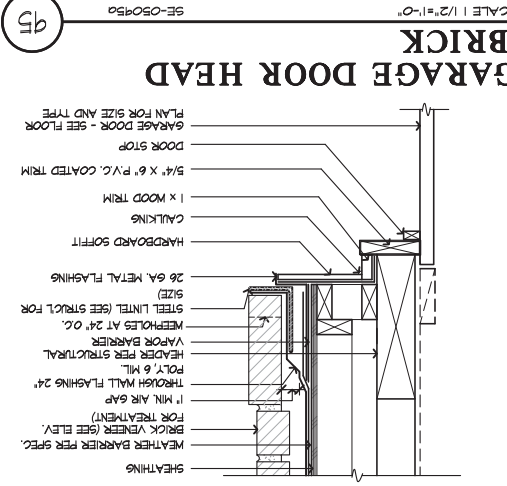
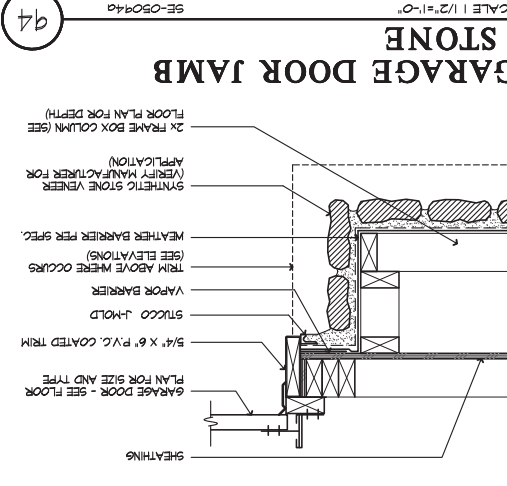
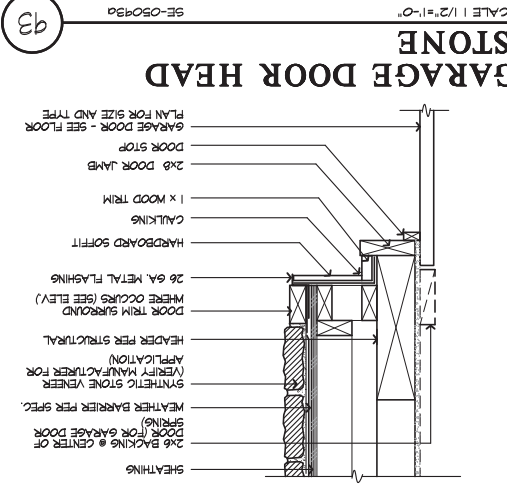
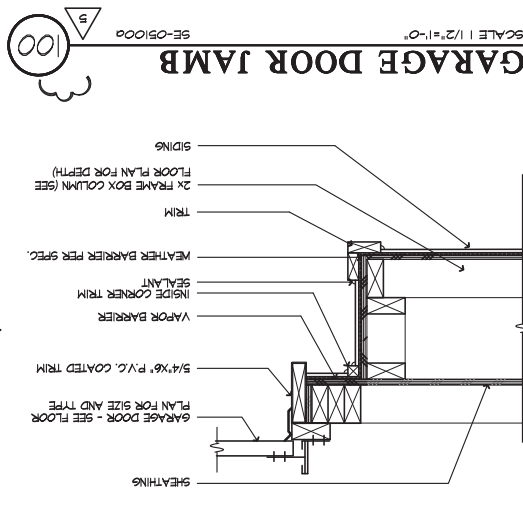
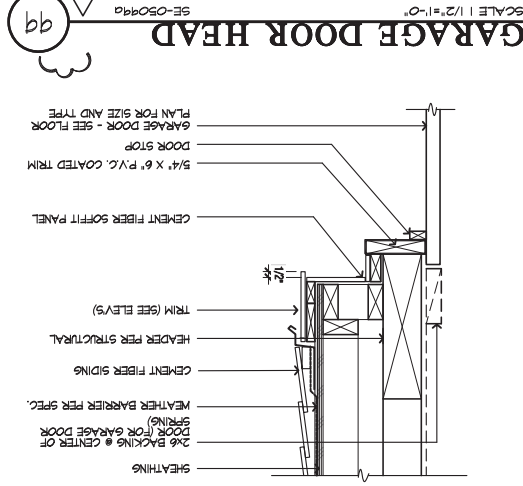
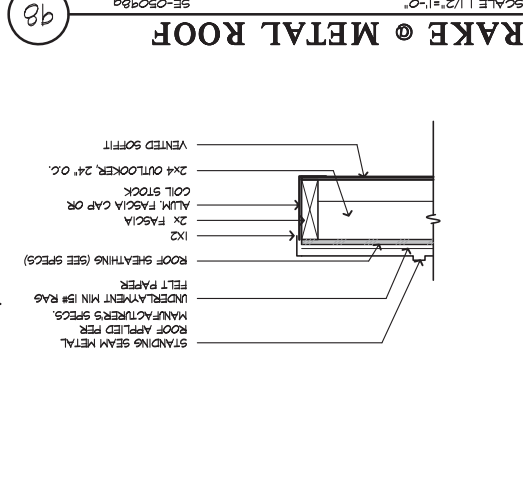
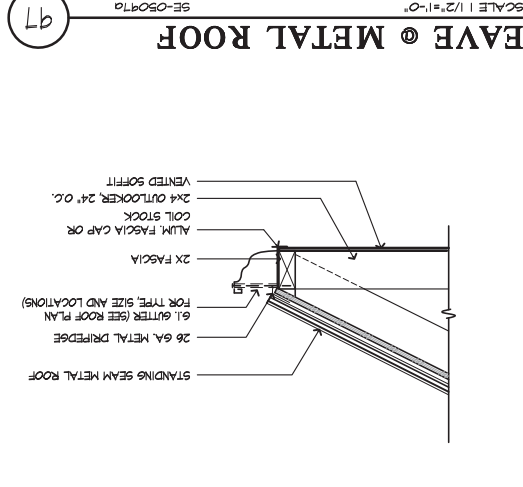


DETAILS

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ISSUE DATE: 09/28/11
PROJECT No.: 1350
DIVISION MGR.: M.C.P.
REVISIONS:
01/15/20
COMPLIANCE REVIEW
1 NC12008 - 02/28/12 - CTD
2 2012 NC CODE UPDATE
NC12016 - 03/22/12 - CTD
3 2012 NC CODE UPDATE
NC1593 - 11/15 - DCS
4 2012 NC CODE UPDATE
NC1915 - 01/24/13 - MCP
5 2012 NC CODE UPDATE
NC1901NCP - 01/15/20 - MCP

PLAN: ALL
SHEET: AD4



KB HOME

DETAILS

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

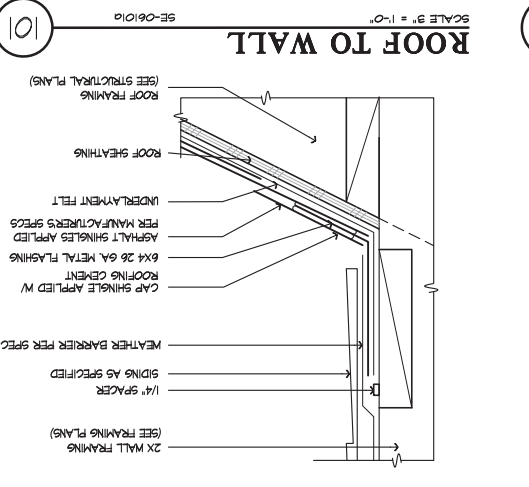
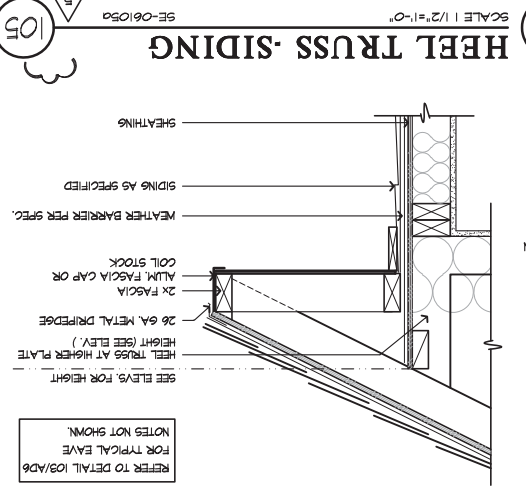
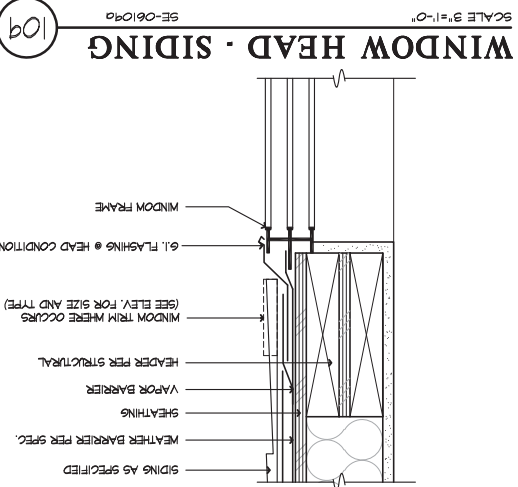
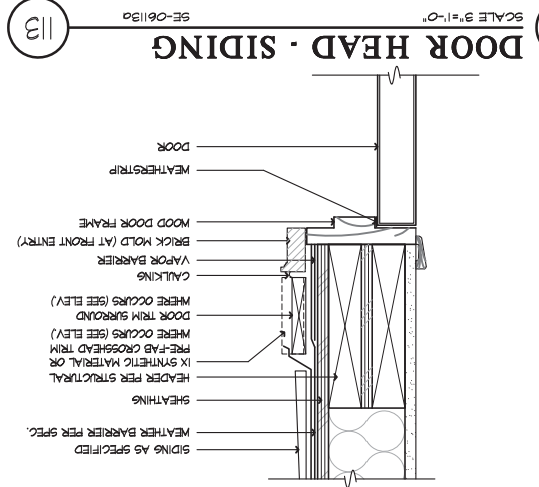
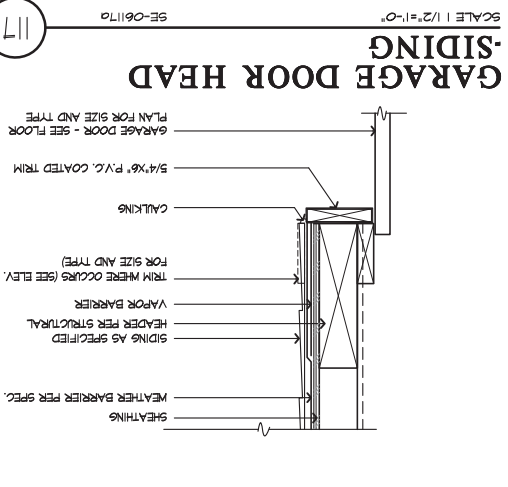
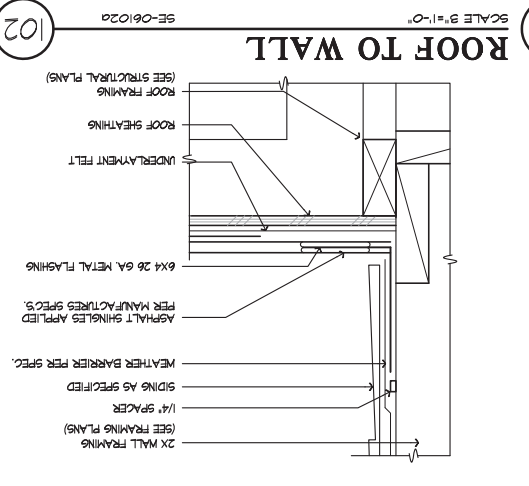
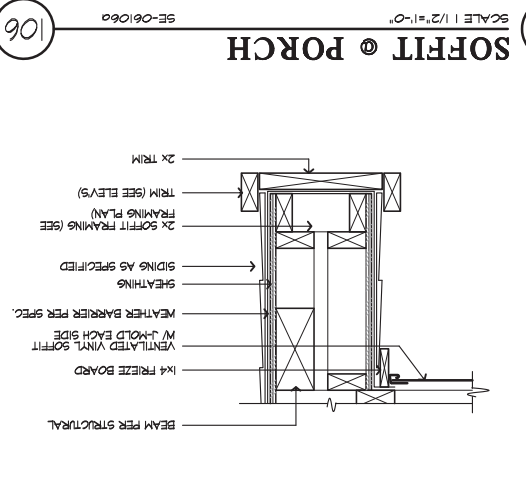
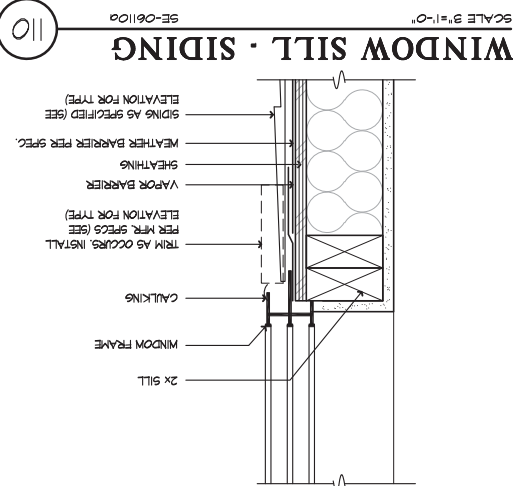
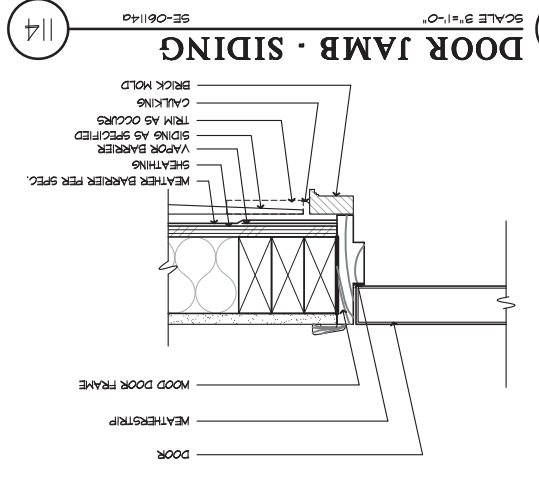
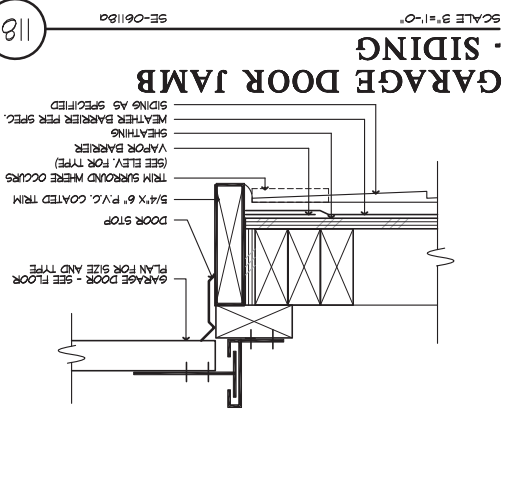
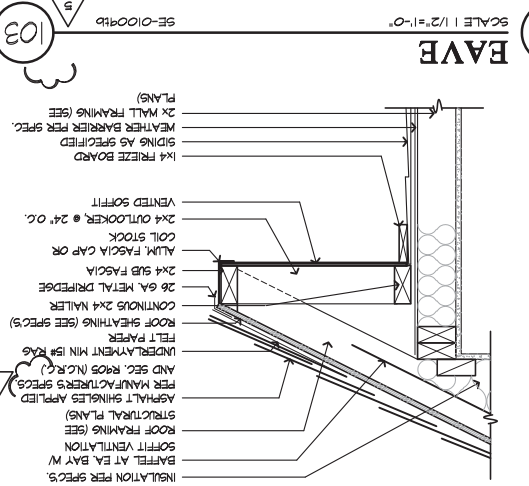
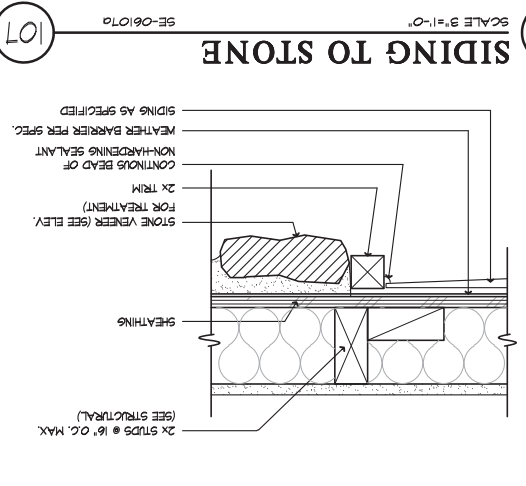
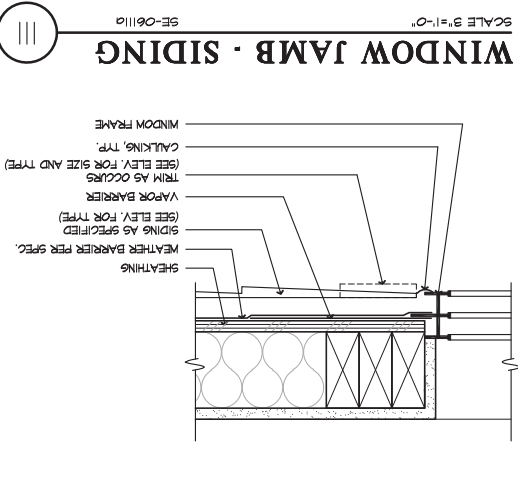
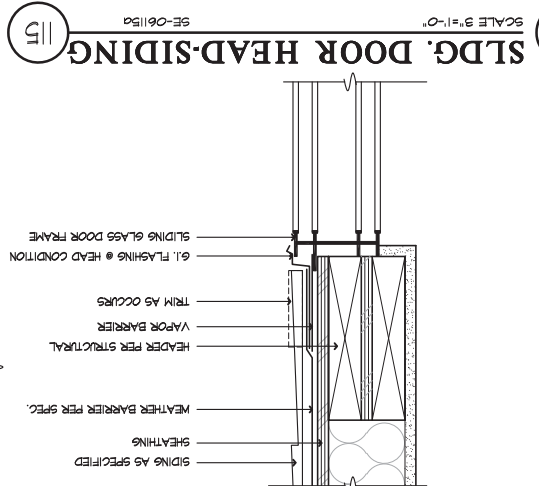
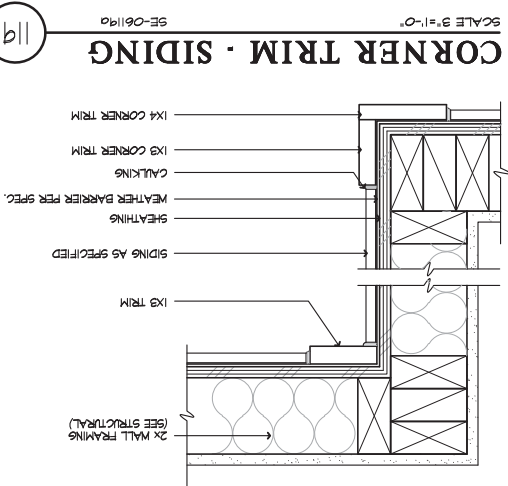
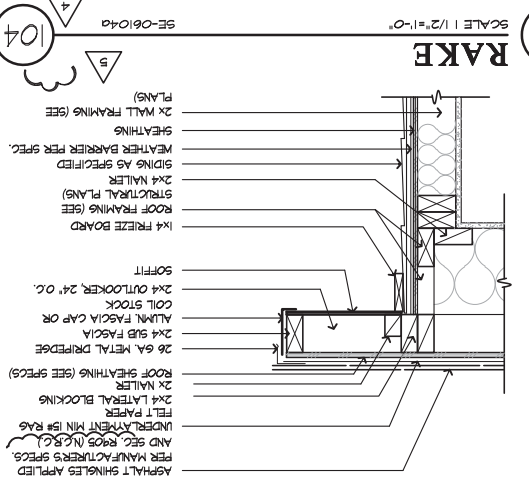
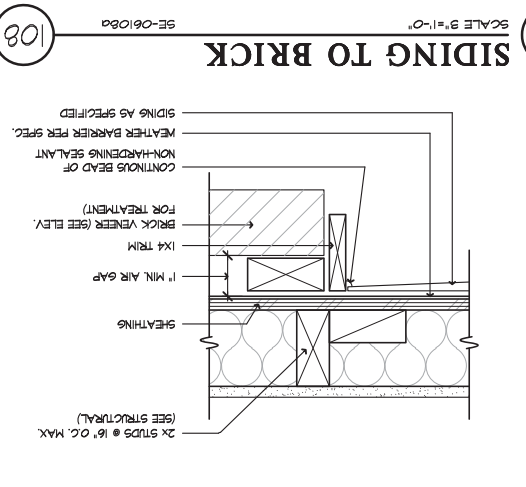
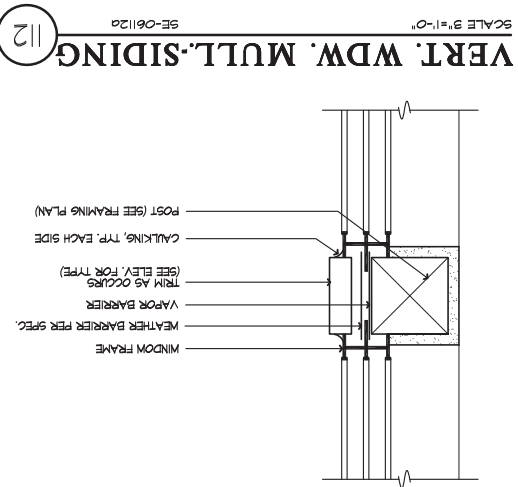
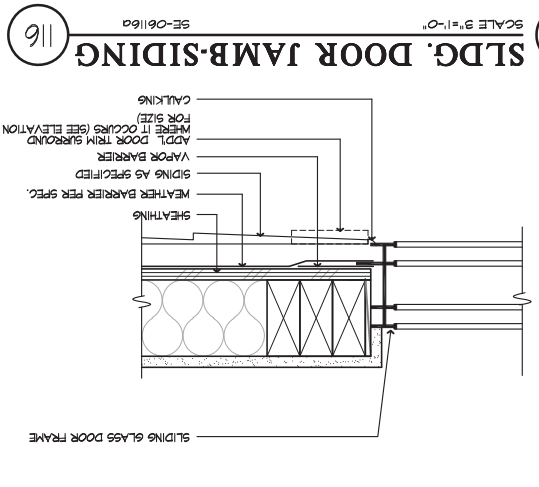
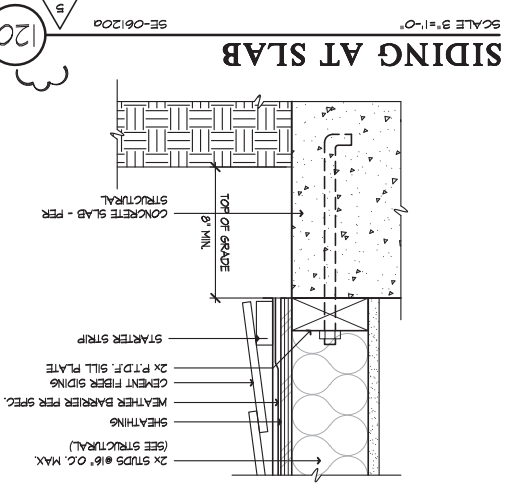
COMPLIANCE REVIEW
1 NC1208 - 02/21/12 - CTD
2 NC1206 - 03/22/12 - CTD
3 NC1583 - 11/15 - DCS
4 NC1905 - 01/24/13 - MCP
5 NC2801NCF - 01/15/20 - MCP

2012 NC CODE UPDATES
2012 NC CODE UPDATES

PLAN: ALL
SHEET: ADS

PLAN: ALL
SHEET: ADS

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PLAN:

11

SHEET: **AD6**

ALL

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COMPLIANCE REVIEW
 NC12008 - 02/21/12 - CTD

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

2012 NC CODE UPDATE
 NC15015 - 01/24/12 - DCJ

2012 NC CODE UPDATE
 NC15015 - 01/24/12 - MCP

2012 NC CODE UPDATE
 NC15015 - 01/24/12 - MCP

REVISIONS:
 01/15/20

ISSUE DATE: 09/28/11

PROJECT NO.: 1350

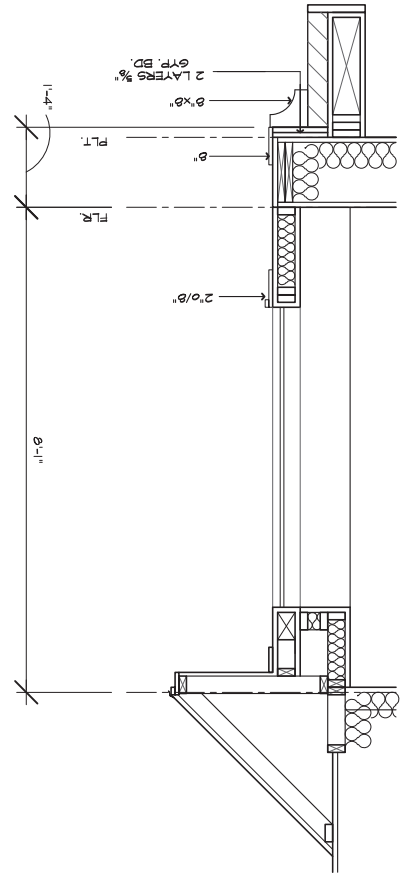
DIVISION MGR.: M.C.P.

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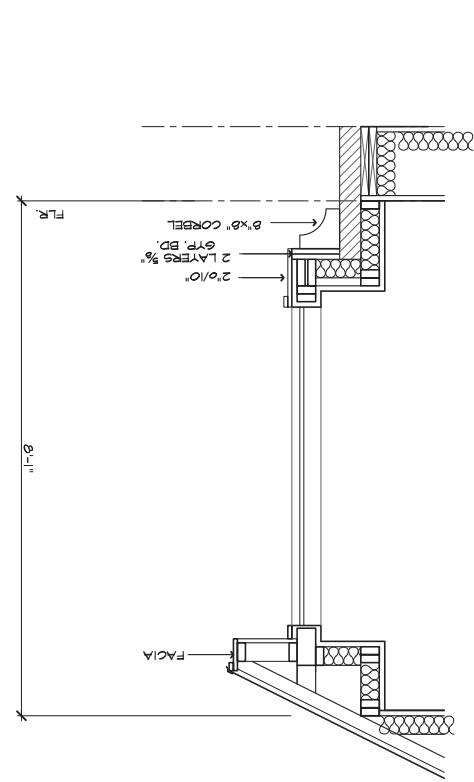
DETAILS

KB HOME

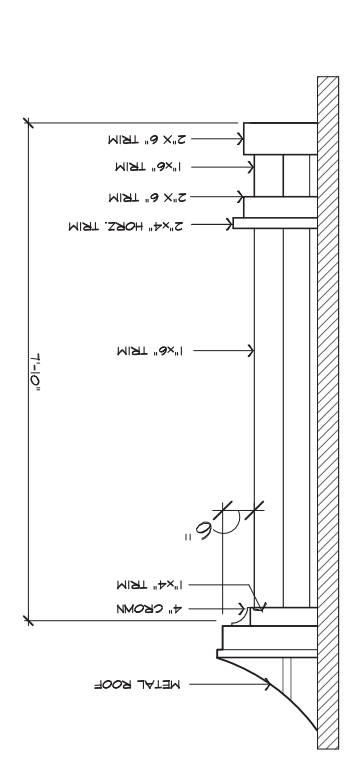
BAY
ADT 135 NOT TO SCALE



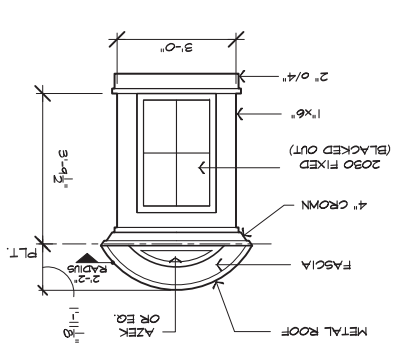
BAY (2)
ADT 144 NOT TO SCALE



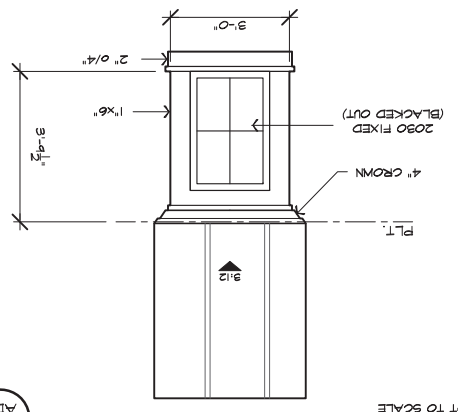
BAY (2)
ADT 145 NOT TO SCALE



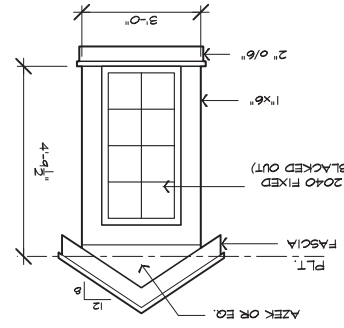
ARCHED ROOF DORMER
ADT 142 NOT TO SCALE



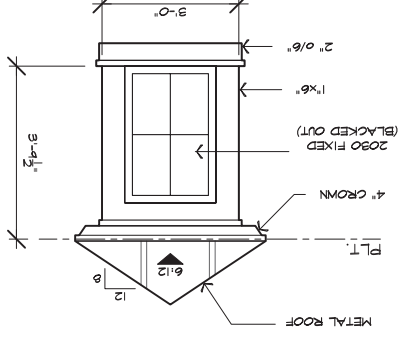
TYP. SHED ROOF DORMER
ADT 143 NOT TO SCALE



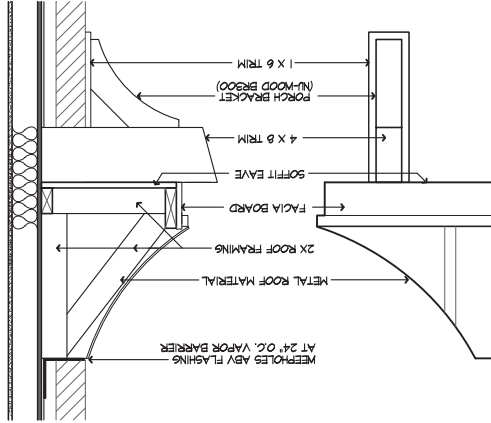
GABLE ROOF DORMER
ADT 140 NOT TO SCALE



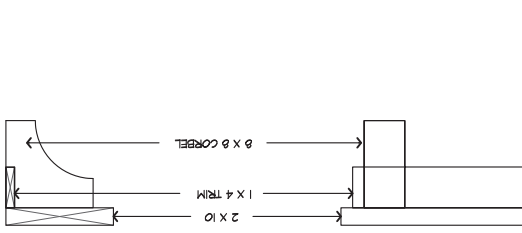
TYP. HIP DORMER
ADT 141 NOT TO SCALE



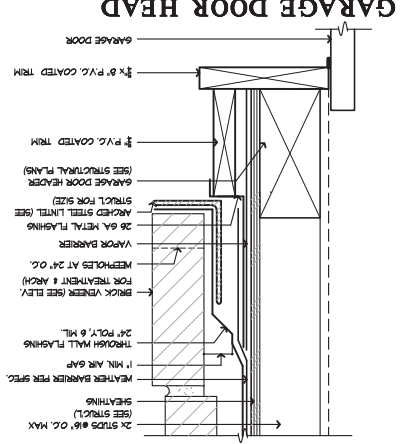
CURVED SHED ROOF
ADT 134 NOT TO SCALE



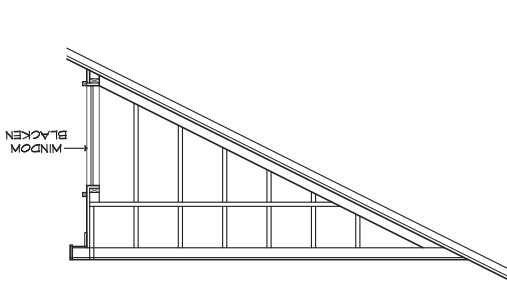
WINDOW LEDGE
ADT 136 NOT TO SCALE



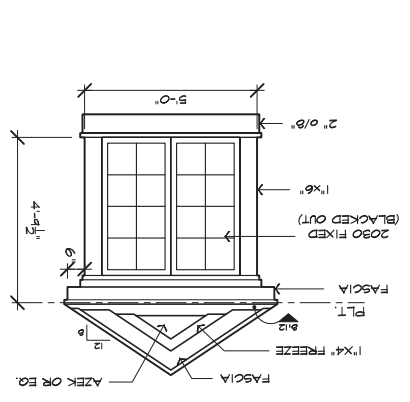
GARAGE DOOR HEAD W/ ARCHED BRICK
ADT 138 NOT TO SCALE



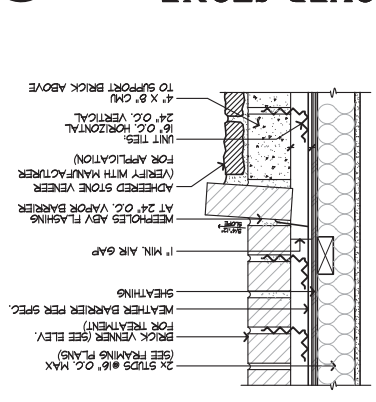
TYP. DORMER
ADT 137 NOT TO SCALE



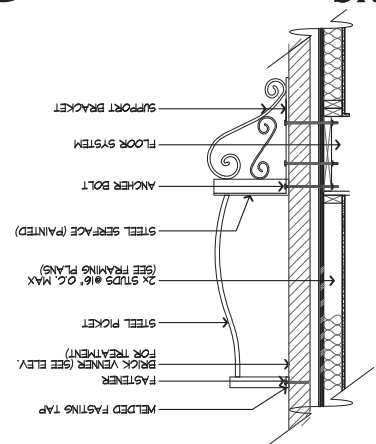
EYEBROW DORMER
ADT 139 NOT TO SCALE



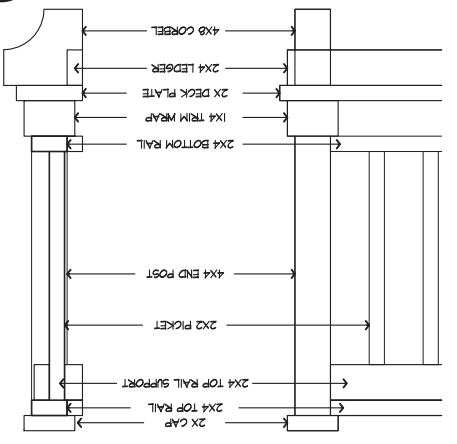
BRICK OVER STONE
ADT 129 NOT TO SCALE



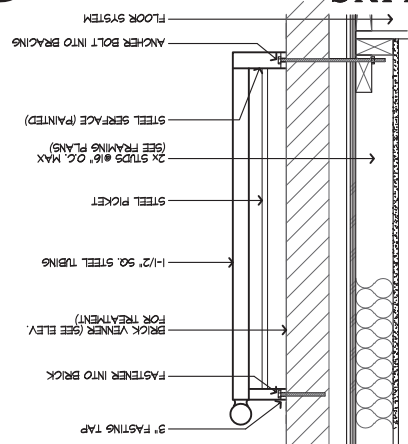
RAILING
ADT 130 NOT TO SCALE



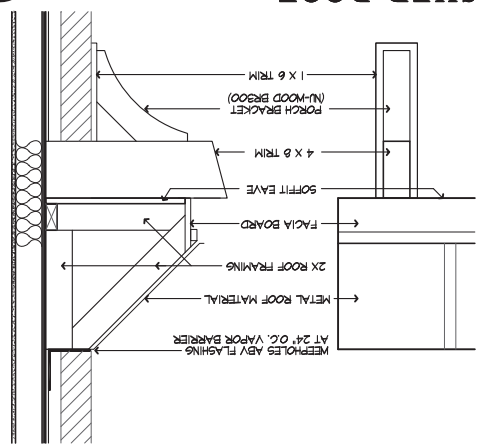
WOOD RAILING
ADT 131 NOT TO SCALE



RAILING
ADT 132 NOT TO SCALE



SHED ROOF
ADT 133 NOT TO SCALE



ADT
SHEET:
ALL
PLAN:
REVISIONS:
FOR INTERNAL USE ONLY

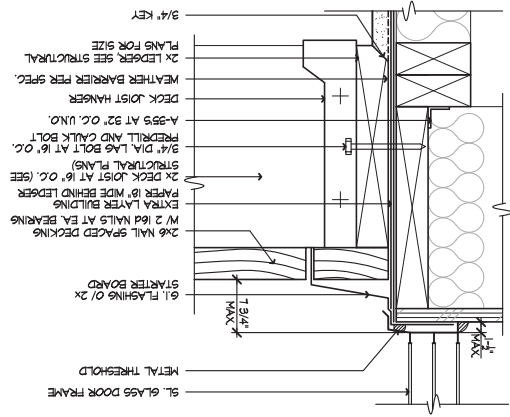
- 1 COMPLIANCE REVIEW NC12008 - 02/28/12 - CTD
 - 2 2012 NC CODE UPDATE NC12016 - 03/22/12 - CTD
 - 3 DETAIL UPDATES NC1939 - 11/17/15 - DCS
 - 4 2018 NC CODE UPDATE NC1915 - 01/24/19 - MCF
 - 5 DETAIL UPDATE NC12001NCF - 01/15/20 - MCF
- ISSUE DATE: 09/28/11
PROJECT NO.: 1350
DIVISION MGR.: M.C.P.
REVISIONS: 01/15/20

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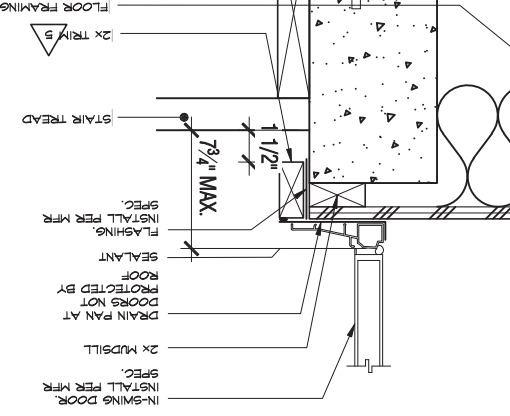
DETAILS



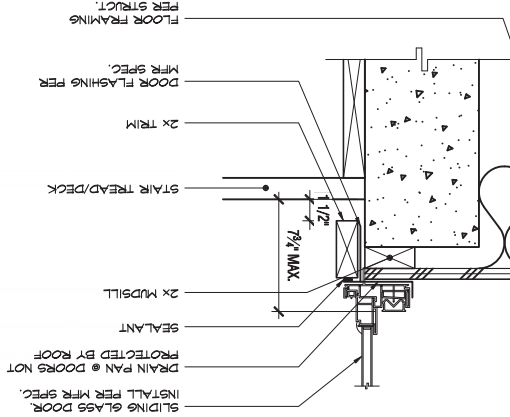
SL. DR. TRESHOLD @ DECK
SCALE 1/2"=1'-0"



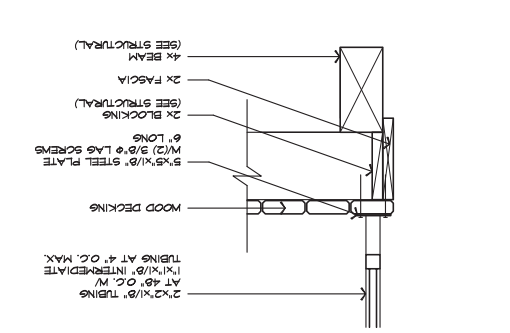
SWING DOOR THRESHOLD
SCALE 3/4"=1'-0"



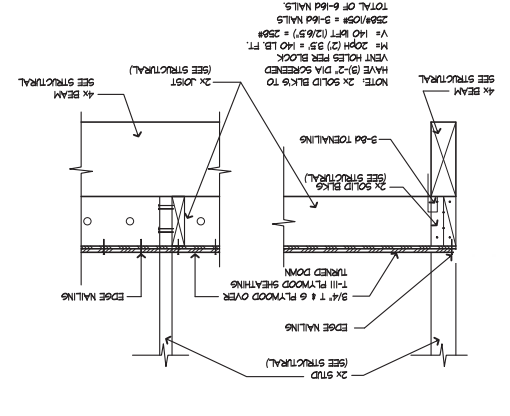
SLIDING GLASS DOOR
SCALE 1/2"=1'-0"



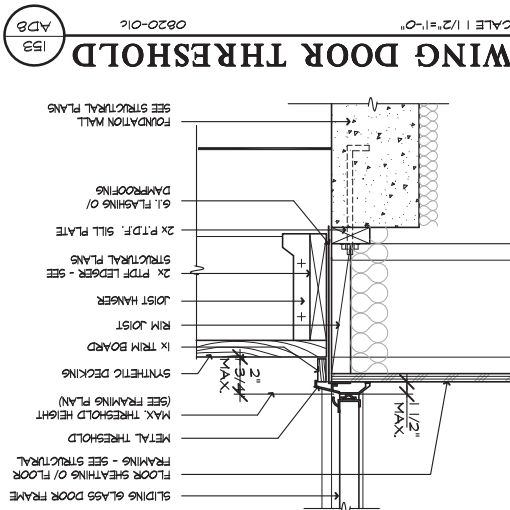
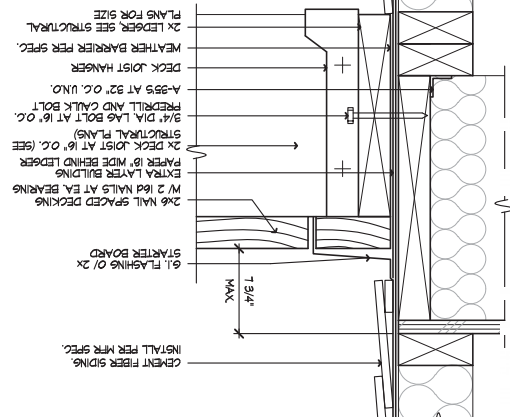
DECK FRAMING
SCALE 1/2"=1'-0"



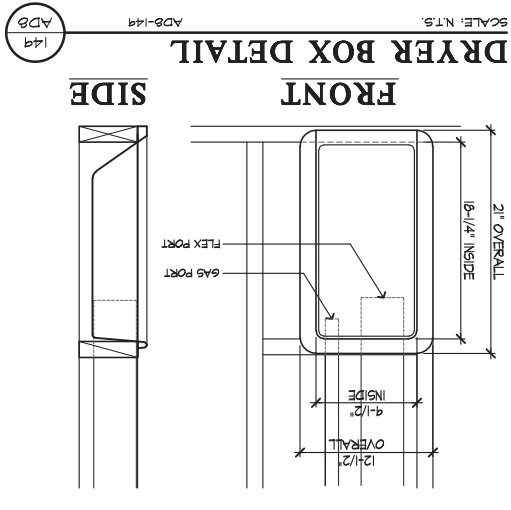
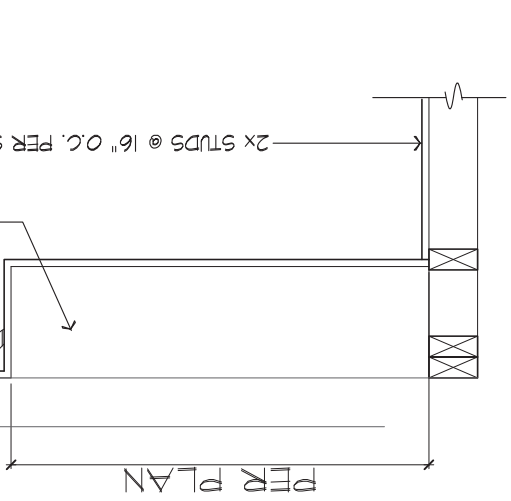
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SCALE 1/2"=1'-0"



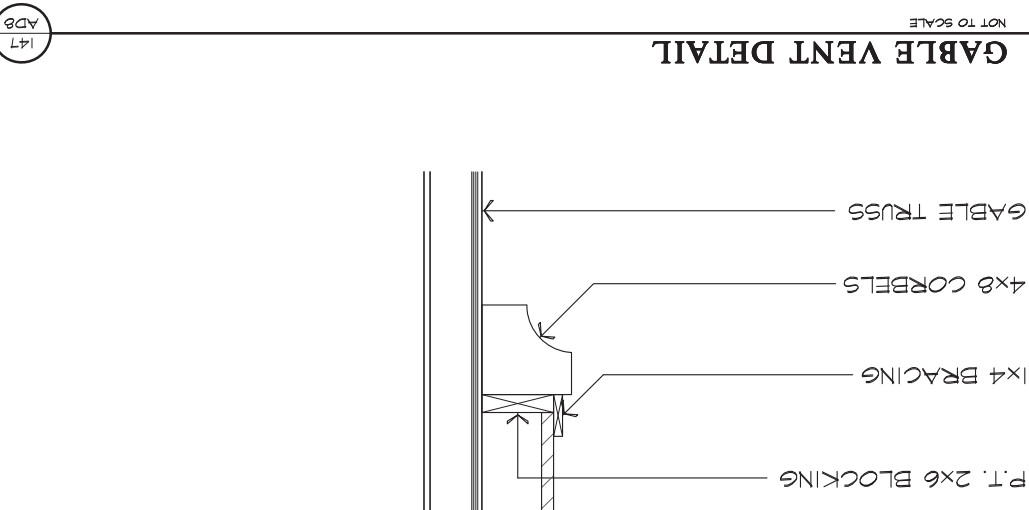
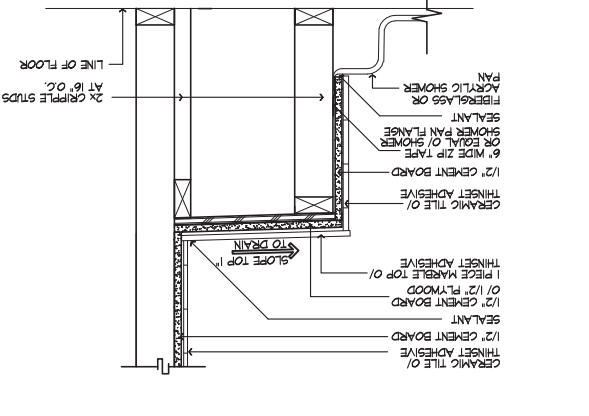
WALL @ DECK
SCALE 3/4"=1'-0"



BOX TRAY CEILING
NOT TO SCALE



SHOWER PAN SEAT
SCALE 1/2"=1'-0"



DETAILS

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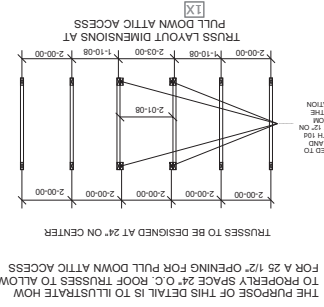
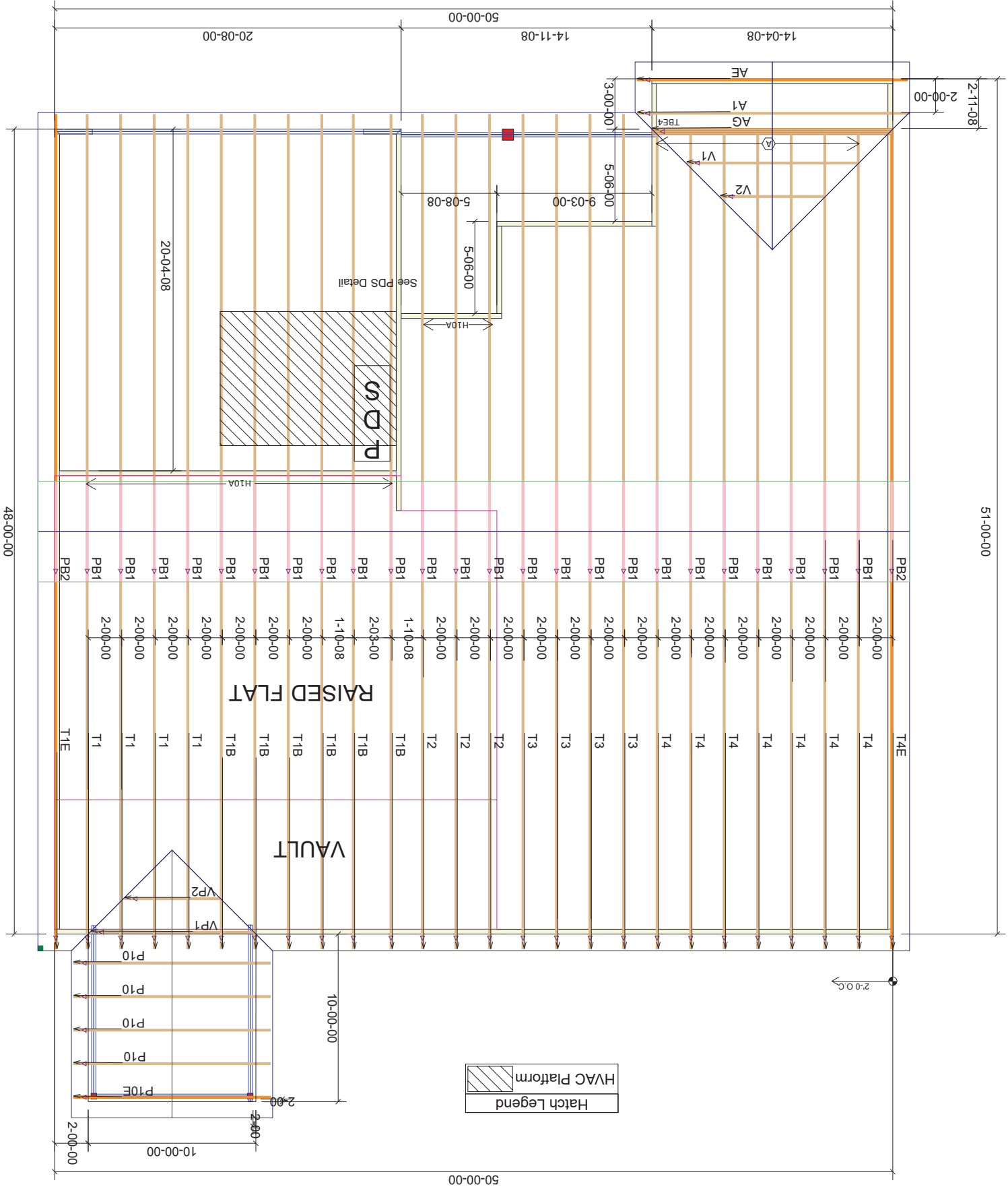
ISSUE DATE: 09/28/11
PROJECT No.: 1350
DIVISION MGR.: M.C.P.
REVISIONS: 01/15/20

- 1 COMPLIANCE REVIEW NC12008 - 02/28/12 - CTD
- 2 2012 NC CODE UPDATES NC12016 - 03/22/12 - CTD
- 3 DETAIL UPDATES NC1583 - 11/15 - DCS
- 4 2012 NC CODE UPDATES NC1915 - 01/24/13 - MCP
- 5 DETAIL UPDATE NC2001NCF - 01/15/20 - MCP

PLAN: ALL
SHEET: AD8



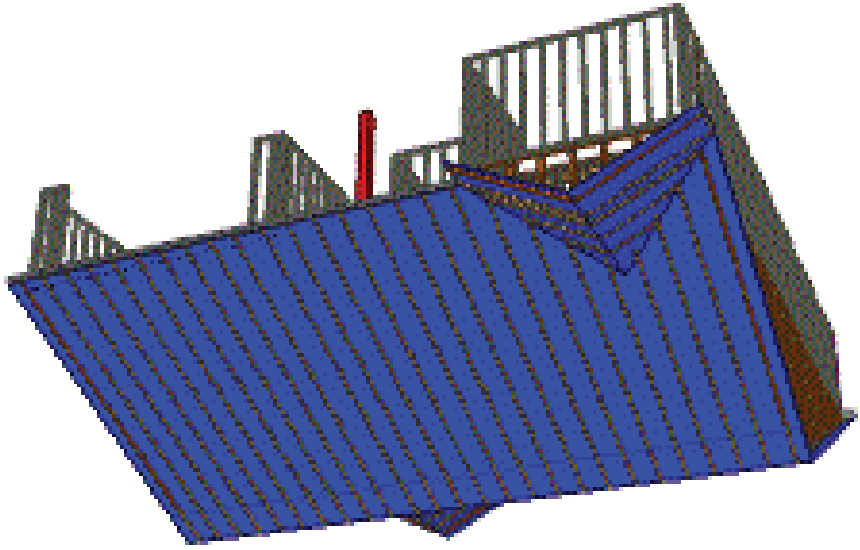
THIS LAYOUT IS INTENDED FOR THE PURPOSE OF TRUSS LOCATION AND PLACEMENT ONLY. REFER TO THE BUILDING PLANS FOR ACTUAL BUILDING CONSTRUCTION.



| Truss Connector List | | | |
|----------------------|---------|---------|-------|
| Symbol | Manuf | Product | Qty |
| A | Simpson | HUS26 | 14 |
| H10A | Simpson | H10A | 13 |
| TBE4 | Simpson | TBE4 | 1 set |

Use TBE4 for bearing at AG, use 1 set at porch side of truss
 Use H10A on T1, T1B & T2 Trusses as bearing enhancer

Rev1- Chg. loc. of CP Posts by 2" typ.



| | | | | | |
|--|--|--|--|--|--|
| PROJECT: Lot 2 Highland Grove- Sales Office CUSTOMER: KB HOME | | MODEL: 150.1910 "B" x 10x10 GR- SCALE: NOT TO SCALE | | GENERAL NOTES: DO NOT CUT OR MODIFY TRUSSES. TRUSSES ARE SPACED 24" ON CENTER UNLESS NOTED OTHERWISE. REFER TO THE INDIVIDUAL TRUSS DESIGN DRAWINGS FOR THE LOCATION OF LATERAL BRACING AND MULTI-PLY CONNECTION REQUIREMENTS. PER ANSI TPI 1-2002 THE TRUSS ENGINEER IS RESPONSIBLE FOR TRUSS TO TRUSS CONNECTIONS AND TRUSSES TO PLY CONNECTIONS. THIS TRUSS PLACEMENT PLAN RECOMMENDS TRUSSES TO BEARING CONNECTIONS AND TRUSSES TO BEAM CONNECTIONS WHICH SHALL BE REVIEWED BY THE BUILDING DESIGNER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO RESOLVE ALL ROOF FORCES ADEQUATELY TO THE FOUNDATION. | |
| TOP LIVE: 20 PSF TOP DEAD: 10 PSF BOTM DEAD: 10 PSF WIND SPD: 120 MPH | | PRINT DATE: 9/17/20 | | REV: 10/1/20 | |
| PROJECT: Lot 2 Highland Grove- Sales Office CUSTOMER: KB HOME | | SCALE: NOT TO SCALE | | SHIP DATE: 2020 | |
| MODEL: 150.1910 "B" x 10x10 GR- SCALE: NOT TO SCALE | | PRINT DATE: 9/17/20 | | REV: 10/1/20 | |
| DRAWN BY: MWM | | ORDER: 24641A | | SHIP DATE: 2020 | |
| PROJECT: Lot 2 Highland Grove- Sales Office CUSTOMER: KB HOME | | SCALE: NOT TO SCALE | | SHIP DATE: 2020 | |
| DEDICATED TO QUALITY AND EXCELLENCE 200 EMMETT ROAD DUNN, NORTH CAROLINA 28334 PHONE: 910-892-8400 FAX: 910-892-8384 | | ORDER: 24641A | | SHIP DATE: 2020 | |
| | | ORDER: 24641A | | SHIP DATE: 2020 | |

STRUCTURAL PLANS FOR:

150.1910 - RH GARAGE



PLAN RELEASE / REVISIONS

| REV DATE | ARCH PLAN VERSION | REVISION DESCRIPTION |
|------------|-------------------------------|--|
| 09/08/2020 | 1910.150.01350 RH D3 - 073120 | INITIAL SETUP OF LAYOUT |
| 09/08/2020 | 1910.150.01350 RH D3 - 073120 | CREATED LOT-SPECIFIC STRUCTURAL LAYOUT FROM MASTER PLAN AND EWP LAYOUT |
| | | ABS |
| | | ABS |
| | | DRAFT |

| NOTES | CODE | ENGINEER OF RECORD |
|--|--|--|
| <p>1. ENGINEER'S SEAL APPLIES TO STRUCTURAL COMPONENTS ONLY. ENGINEER'S SEAL DOES NOT CERTIFY DIMENSIONAL ACCURACY OR ARCHITECTURAL LAYOUT, INCLUDING ROOF GEOMETRY. JDSFAULKNER, PLLC ASSUMES NO LIABILITY FOR CHANGES MADE TO THESE PLANS BY OTHERS, OR FOR CONSTRUCTION METHODS, OR FOR ANY DEVIATION FROM THE PLANS. ENGINEER TO BE NOTIFIED PRIOR TO CONSTRUCTION IF ANY DISCREPANCIES ARE NOTED ON THE PLANS.</p> <p>2. DIMENSIONS SHALL GOVERN OVER SCALE, AND CODE SHALL GOVERN OVER DIMENSIONS.</p> <p>3. PLANS MUST HAVE SIGNED SEAL TO BE VALID AND ARE LIMITED TO THE FOLLOWING USES:</p> <p>A. IF THESE PLANS ARE ISSUED AS A MASTER-PLAN SET, THE SET IS VALID FOR 18 MONTHS FROM THE DATE ON THE SEAL, UNLESS ANY CODE-REQUIRED UPDATES ARE PLACED IN EFFECT BY THE MUNICIPALITY.</p> <p>B. IF THESE PLANS ARE NOT ISSUED AS A MASTER-PLAN SET, THE SET IS VALID FOR A CONDITIONAL, ONE-TIME USE FOR THE LOT OR ADDRESS SPECIFIED ON THE TITLE BLOCK.</p> | <p>ALL CONSTRUCTION, WORKMANSHIP, AND MATERIAL QUALITY AND SELECTION SHALL BE PER:</p> <p>2018</p> <p>NORTH CAROLINA</p> <p>STATE BUILDING CODE:</p> <p>RESIDENTIAL CODE</p> | <p>JDSfaulkner, PLLC</p> <p>ENGINEERING, BUILDING DESIGN, & CONSTRUCTION</p> <p>8600 D. JERSEY COURT</p> <p>RALEIGH, NC 27617</p> <p>FIRM LIC. NO: P-0961</p> <p>PROJECT REFERENCE: 20901547</p> |

T
TITLE SHEET

PLAN: 150.1910

DATE: 10/02/2020

PROJECT NO.: 20901547

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.



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P-0961

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PROJECT NO.: 20901547

DATE: 10/02/2020

PLAN: 150.1910

GENERAL NOTES

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FRAMING

1. ALL BEARING HEADERS TO BE (2) 2x6 SUPPORTED W/ MIN (1) JACK STUD AND (1) KING STUD EACH END, UNO.
2. ALL NON-BEARING HEADERS TO BE (2) 2x4, UNO.
3. NON-BEARING INTERIOR WALLS NOT MORE THAN 10' NOMINAL HEIGHT AND NOT SHOWN AS BRACED WALLS MAY BE FRAMED WITH 2x4 STUDS @ 24" OC.
4. SOLID BLOCKING TO BE PROVIDED AT ALL POINT LOADS THROUGH FLOOR LEVELS TO THE FOUNDATION OR TO OTHER STRUCTURAL COMPONENTS.
5. ALL BEAMS SPECIFIED ARE MINIMUM SIZES ONLY. LARGER MEMBERS MAY SUBSTITUTED AS NEEDED FOR EASE OF CONSTRUCTION.
6. ALL EXTERIOR WALLS TO BE FULLY SHEATHED WITH 7/16" OSB.
7. PORCH / PATIO COLUMNS TO BE 4x4 MINIMUM PRESSURE-TREATED LUMBER.
8. ALL ENGINEERED WOOD PRODUCTS (LVL, PSL, LSL, ETC.) SHALL BE INSTALLED WITH CONNECTIONS PER MANUFACTURER SPECIFICATIONS.
9. ENGINEERED WOOD FLOOR SYSTEMS AND ROOF TRUSS SYSTEMS:
 - A. SHOP DRAWINGS FOR THE SYSTEMS SHALL BE PROVIDED TO THE ENGINEER OF RECORD FOR REVIEW AND COORDINATION BEFORE CONSTRUCTION.
 - B. TRUSS PROFILES SHALL BE SEALED BY THE TRUSS MANUFACTURER.
 - C. INSTALLATION OF THE SYSTEMS SHALL BE PER MANUFACTURER'S INSTRUCTIONS.
 - D. TRUSS LAYOUT AND PLACEMENT BY MANUFACTURER TO COINCIDE WITH THE SUPPORT LOCATIONS SHOWN IN THESE DRAWINGS.
10. ALL BEAMS TO BE CONTINUOUSLY SUPPORTED LATERALLY AND SHALL BEAR FULL WIDTH ON THE SUPPORTING WALLS OR COLUMNS INDICATED, WITH A MINIMUM OF THREE STUDS, UNO.
11. ALL STEEL BEAMS TO BE SUPPORTED AT EACH END WITH A MIN BEARING LENGTH OF 3 1/2" AND FULL FLANGE WIDTH. BEAMS MUST BE ATTACHED AT EACH END WITH A MINIMUM OF FOUR 16d NAILS OR TWO 1/2" x 4" LAG SCREWS, UNO.
12. STEEL FLITCH BEAMS TO BE BOLTED TOGETHER USING (2) ROWS OF 1/2" DIAMETER BOLTS (ASTM 307) WITH WASHERS PLACED UNDER THE THREADED END OF THE BOLT. BOLT TO BE SPACED AT 24" OC (MAX) AND STAGGERED TOP AND BOTTOM OF BEAM (2" FROM EDGE DISTANCE), WITH TWO BOLTS TO BE LOCATED AT 6" FROM EACH END OF FLITCH BEAM.
13. WHEN A 4-PLY LVL BEAM IS USED, ATTACH WITH (1) 1/2" DIAMETER BOLT, 12" OC, STAGGERED TOP AND BOTTOM, 1/2" MIN FROM BOLT. ALTERNATE EQUIVALENT ATTACHMENT METHOD MAY BE USED, SUCH AS SDS, SDW, OR TRUSSLOK SCREWS (SEE MANUFACTURER SPECIFICATIONS).
14. FOR STUD COLUMNS OF 4-OR-MORE STUDS, INSTALL SIMPSON STRONG-TIE C316 STRAPS ACROSS STUDS @ 30" OC, 6" MAX FROM FACES OF COLUMN (INTERIOR WALL).
15. FLOOR JOISTS ADJACENT AND PARALLEL TO THE EXTERIOR FOUNDATION WALL SHALL BE PROVIDED WITH FULL-DEPTH SOLID BLOCKING, NOT LESS THAN TWO (2) INCHES NOMINAL IN THICKNESS, PLACED PERPENDICULAR TO THE JOIST AT SPACING NOT MORE THAN FOUR (4) FEET. THE BLOCKING SHALL BE NAILED TO THE FLOOR SHEATHING, THE SILL PLATE, THE JOIST, AND THE EXTERIOR RIM JOIST / BOARD.
16. BRACED WALL PANELS SHALL BE FASTENED TO MEET THE UPLIFT-RESISTANCE REQUIREMENTS IN CHAPTERS 6 AND 8 OF THE APPLICABLE CODE (SEE TITLE SHEET). REQUIREMENTS OF THE STRUCTURAL DRAWINGS THAT EXCEED THE CODE MINIMUM SHALL BE MET.

FOUNDATION

1. MINIMUM ALLOWABLE SOIL BEARING CAPACITY IS ASSUMED TO BE 2,000 PSF. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SOIL BEARING CAPACITY IF UNSATISFACTORY CONDITIONS EXIST.
2. CONCRETE FOUNDATION WALLS TO BE SELECTED AND CONSTRUCTED PER SECTION R404 OR AMERICAN CONCRETE INSTITUTE STANDARD ACI 318.
3. MASONRY FOUNDATION WALLS TO BE SELECTED AND CONSTRUCTED PER SECTION R404 AND/OR AMERICAN CONCRETE INSTITUTE PUBLICATION 530: BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES AND COMPANION COMMENTARIES AND/OR THE MASONRY SOCIETY PUBLICATION TMS 402/602: BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES.
4. 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.
5. PLAIN-MASONRY WALL DESIGN TO BE PER TABLE R404.1.1(1) OR AS NOTED OR DETAILED. MASONRY WALLS WITH VERTICAL REINFORCEMENT TO BE PER TABLES R404.1.1 (2 THROUGH 4) OR AS NOTED OR DETAILED. ALL MASONRY WALLS SHALL COMPLY WITH APPLICABLE PROVISIONS OF CHAPTER 6.
6. 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.
7. THE UNSUPPORTED HEIGHT OF SOLID MASONRY PIERS SHALL NOT EXCEED TEN TIMES THEIR LEAST DIMENSION, UNFILLED, HOLLOW PIERS MAY BE USED IF THE UNSUPPORTED HEIGHT IS NOT MORE THAN FOUR TIMES THEIR LEAST DIMENSION.
8. CENTERS OF PIERS TO BEAR IN THE MIDDLE THIRD OF THE FOOTINGS, AND GIRDERS SHALL CENTER IN THE MIDDLE THIRD OF THE PIERS.
9. ALL FOUNDATION WALLS (SEE DETAILS).
10. ALL REBAR NOTED IN CONCRETE TO HAVE AT LEAST 2" COVER FROM EDGE OF CONCRETE TO EDGE OF REBAR.
11. FRAMING TO BE FLUSH WITH FOUNDATION WALLS.
12. WITH CLASS 1 SOILS, VAPOR BARRIER AND CRUSHED STONE MAY BE OMITTED.

MATERIALS

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

| | | |
|--------------|-------------|---------------|
| Fb = 875 PSI | Fv = 70 PSI | E = 1,466 PSI |
|--------------|-------------|---------------|
2. FRAMING LUMBER EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND, CONCRETE, OR MASONRY SHALL BE PRESSURE TREATED #2 SOUTHERN YELLOW PINE (SYP) WITH THE FOLLOWING DESIGN PROPERTIES:

| | | |
|--------------|-------------|---------------|
| Fb = 975 PSI | Fv = 95 PSI | E = 1,666 PSI |
|--------------|-------------|---------------|
3. LVL STRUCTURAL MEMBERS TO BE LAMINATED VENEER LUMBER WITH THE FOLLOWING MINIMUM DESIGN PROPERTIES:

| | | |
|---------------|--------------|---------------|
| Fb = 2600 PSI | Fv = 285 PSI | E = 1,966 PSI |
|---------------|--------------|---------------|
4. PSL STRUCTURAL MEMBERS TO BE PARALLEL STRAND LUMBER WITH THE FOLLOWING MINIMUM DESIGN PROPERTIES:

| | | |
|---------------|--------------|---------------|
| Fb = 2900 PSI | Fv = 290 PSI | E = 2,066 PSI |
|---------------|--------------|---------------|
5. LSL STRUCTURAL MEMBERS TO BE LAMINATED STRAND LUMBER WITH THE FOLLOWING MINIMUM DESIGN PROPERTIES:

| | | |
|---------------|--------------|----------------|
| Fb = 2250 PSI | Fv = 400 PSI | E = 1,5566 PSI |
|---------------|--------------|----------------|
6. STRUCTURAL STEEL WIDE-FLANGE BEAMS SHALL CONFORM TO ASTM A992, Fy = 50 KSI
7. REBAR SHALL BE DEFORMED STEEL CONFORMING TO ASTM A615, GRADE 60.
8. Poured concrete compressive strength to be a minimum 3,000 PSI at 28 days. MATERIALS USED TO PRODUCE CONCRETE SHALL COMPLY WITH THE APPLICABLE STANDARDS LISTED IN AMERICAN CONCRETE INSTITUTE STANDARD ACI 318 OR ASTM C1157.
9. CONCRETE SUBJECT TO MODERATE OR SEVERE WEATHERING PROBABILITY PER TABLE R301.2(1) SHALL BE AIR-ENTRAINED WHEN REQUIRED BY TABLE R402.2.
10. AMERICAN MASONRY UNITS (CMU) SHALL CONFORM TO CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES AND COMPANION COMMENTARIES AND THE MASONRY SOCIETY PUBLICATION TMS 402/602: BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES.
11. MORTAR SHALL COMPLY WITH ASTM INTERNATIONAL STANDARD C270.
12. INDICATED MODEL NUMBERS FOR ALL METAL HANGERS, STRAPS, FRAMING CONNECTORS, AND HOLD-DOWNS ARE SIMPSON STRONG-TIE BRAND. EQUIVALENT USP BRAND PRODUCTS ARE ACCEPTABLE.
13. REFER TO L-JOIST EQUIVALENCE CHART ON LJOIST DETAIL SHEET FOR SUBSTITUTION OF MANUFACTURER SERIES.

GENERAL

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION. FURTHERMORE, CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, AND SAFETY ON SITE. NOTIFY JDSFAULKNER, PLLC IMMEDIATELY IF DISCREPANCIES ON PLAN EXIST.
2. BRACED-WALL DESIGN IS BASED ON SECTION R602.10 - WALL BRACING. PRIMARY PREScriptive METHOD TO BE CS-WSP. SEE WALL BRACING PLANS AND DETAILS FOR ADDITIONAL INFORMATION.
3. SEISMIC DESIGN SHALL BE PER SECTION R301.2.2 - SEISMIC PROVISIONS, INCLUDING ASSOCIATED TABLES AND FIGURES, BASED ON LOCAL SEISMIC DESIGN CATEGORY.

DESIGN LOADS

| | |
|----------------------------|----------------------------|
| ULTIMATE DESIGN WIND SPEED | 115 MPH, EXPOSURE B |
| GROUND SNOW | 15 PSF |
| ROOF | 20 PSF |
| DWELLING UNITS | 40 |
| SLEEPING ROOMS | 30 |
| ATTICS WITH STORAGE | 20 |
| ATTICS WITHOUT STORAGE | 10 |
| DECKS | 40 |
| STAIRS | 40 |
| EXTERIOR BALCONIES | 60 |
| PASSENGER VEHICLE GARAGES | 50 |
| FIRE ESCAPES | 40 |
| GUARDS AND HANDRAILS | 200 (pounds, concentrated) |

ABBREVIATIONS

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

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



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P-0961

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PROJECT NO.: 20901547

DATE: 10/02/2020

PLAN: 150.1910

GENERAL NOTES

G.N.I.

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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) MAX HEIGHT (PLATE TO PLATE) 15 MPH ULTIMATE DESIGN WIND SPEED FRAMING MEMBER SIZE

| | | |
|------------------|--------|--------|
| 2x4 @ 16" OC | 10'-0" | 12'-0" |
| 2x4 @ 12" OC | 12'-0" | 15'-0" |
| 2x6 @ 16" OC | 15'-0" | 17'-9" |
| 2x8 @ 16" OC | 19'-0" | 22'-0" |
| 2x4 @ 16" OC | 14'-6" | 17'-0" |
| (2) 2x4 @ 12" OC | 17'-0" | 21'-6" |
| (2) 2x6 @ 16" OC | 21'-6" | 25'-0" |
| (2) 2x8 @ 16" OC | 27'-0" | 31'-0" |
| (2) 2x8 @ 12" OC | | |

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

ROOF SYSTEMS

TRUSSED ROOF - STRUCTURAL NOTES

1. PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.

2. DENOTES OVER-FRAMED AREA

4. TRUSS LAYOUT AND PLACEMENT BY MANUFACTURER TO COINCIDE WITH THE SUPPORT LOCATIONS SHOWN. TRUSS PROFILES SHALL BE SEALED BY THE TRUSS MANUFACTURER. TRUSS PLANS TO BE COORDINATED WITH THE SEALED STRUCTURAL DRAWINGS. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

5. MANUFACTURER TO PROVIDE REQUIRED UPLIFT CONNECTION.

6. PROVIDE H2.5A (MINIMUM) OR EQUIVALENT AT EACH TRUSS-TO-TOP PLATE CONNECTION AT OVER-FRAMED AREAS, UNLESS NOTED OTHERWISE.

7. UPLIFT CONNECTION TO BE CARRIED THROUGH TO FLOOR SYSTEM.

STICK-FRAMED ROOF - STRUCTURAL NOTES

1. PROVIDE 2x4 COLLAR TIES AT 48" OC AT UPPER THIRD OF RAFTERS, UNLESS NOTED OTHERWISE.

2. FUR RIDGES FOR FULL RAFTER CONTACT.

3. PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.

4. DENOTES OVER-FRAMED AREA

5. MINIMUM 7/16" OSB ROOF SHEATHING

6. PROVIDE 2x4 RAFTER TIES AT 16" OC AT 45° BETWEEN RAFTERS AND CEILING JOISTS. USE (4) 16d NAILS AT EACH CONNECTION. RAFTER TIES MAY BE SPACED AT 48" OC AT LOCATIONS WHERE NO KNEE WALLS ARE INSTALLED.

7. PROVIDE H2.5A (MINIMUM) OR EQUIVALENT AT EACH RAFTER-TO-TOP PLATE CONNECTION AT OVER-FRAMED AREAS, UNLESS NOTED OTHERWISE.

8. UPLIFT CONNECTION TO BE CARRIED THROUGH TO FLOOR SYSTEM.

BRICK VENEER LINTEL SCHEDULE

| | | |
|-----------|---|--------------------|
| SPAN | STEEL ANGLE SIZE | END BEARING LENGTH |
| UP TO 42" | L3-1/2"x3-1/2"x1/4" 8" (MIN. @ EACH END) | |
| UP TO 72" | L6"x4"x5/16" (LLV) 8" (MIN. @ EACH END) | |
| OVER 72" | 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.

S.10B

SLAB FOUNDATION PLAN

PLAN: 150.1910

DATE: 10/02/2020
PROJECT NO.: 20901547



JDStaliner, 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.

P-0961



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NORTH CAROLINA DIVISION
4518 S. MIAMI BLVD.
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DURHAM, NC 27703
TEL: (919) 768-7988
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ALL CONCRETE CURBS SUPPORTING PORTAL FRAMED OR ENGINEERED OPENINGS IN GARAGES WITH A POIN WALL OVER 24" ABOVE THE GARAGE DOOR HEADER SHALL BE REQUIRED TO BE AT LEAST 8" WIDE.

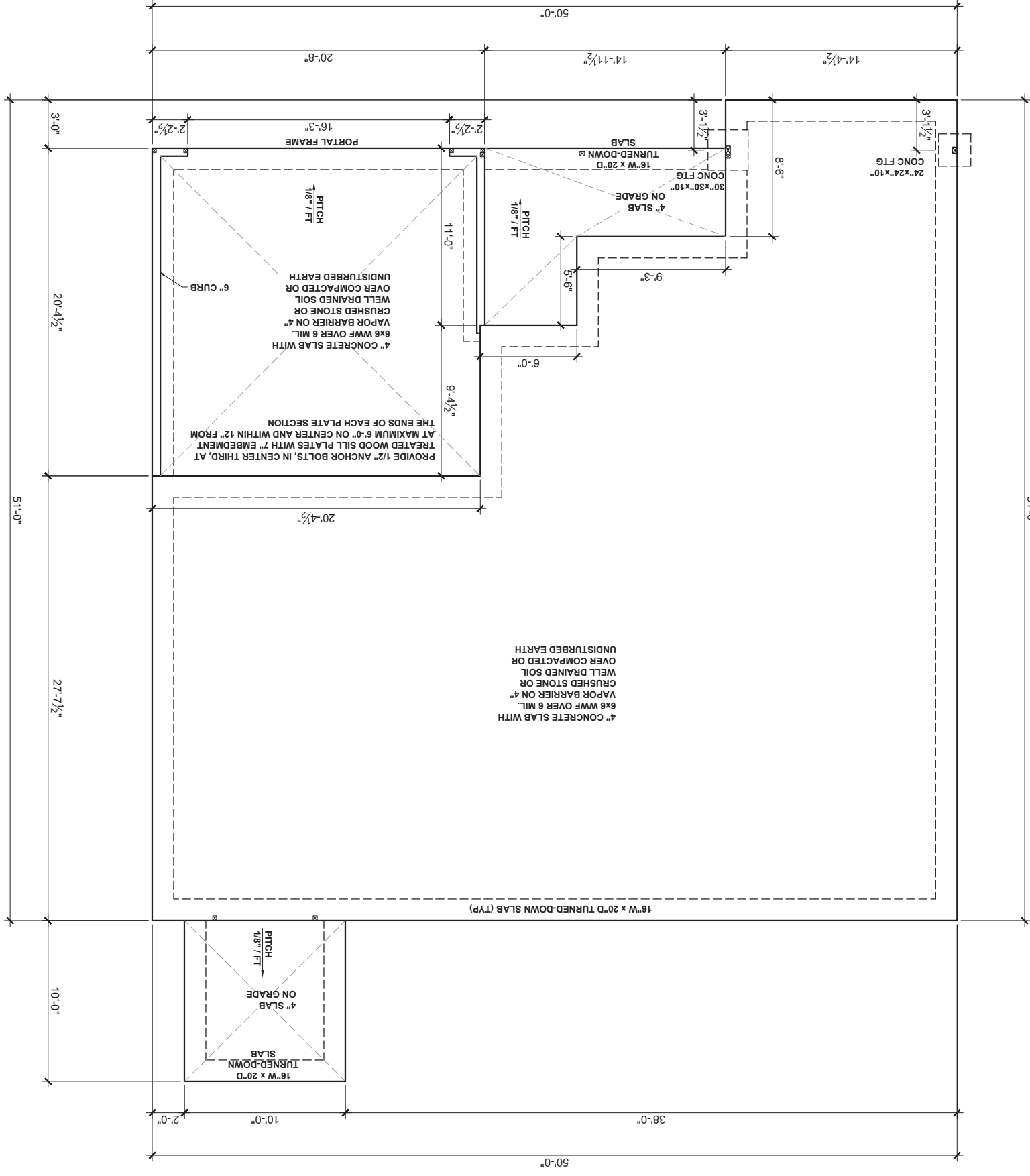
(1) #5 REBAR @ CENTER OF ALL PERIMETER AND INTERNAL LOAD BEARING FOOTINGS. (2" C.C. MIN)

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 |

SLAB FOUNDATION PLAN - 'B'

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



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ST.OB

FIRST FLOOR
CEILING FRAMING PLAN

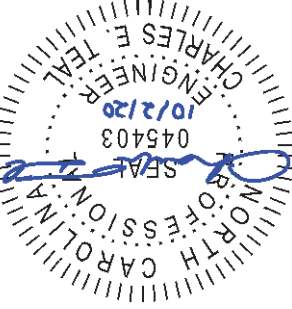
PLAN: 150.1910

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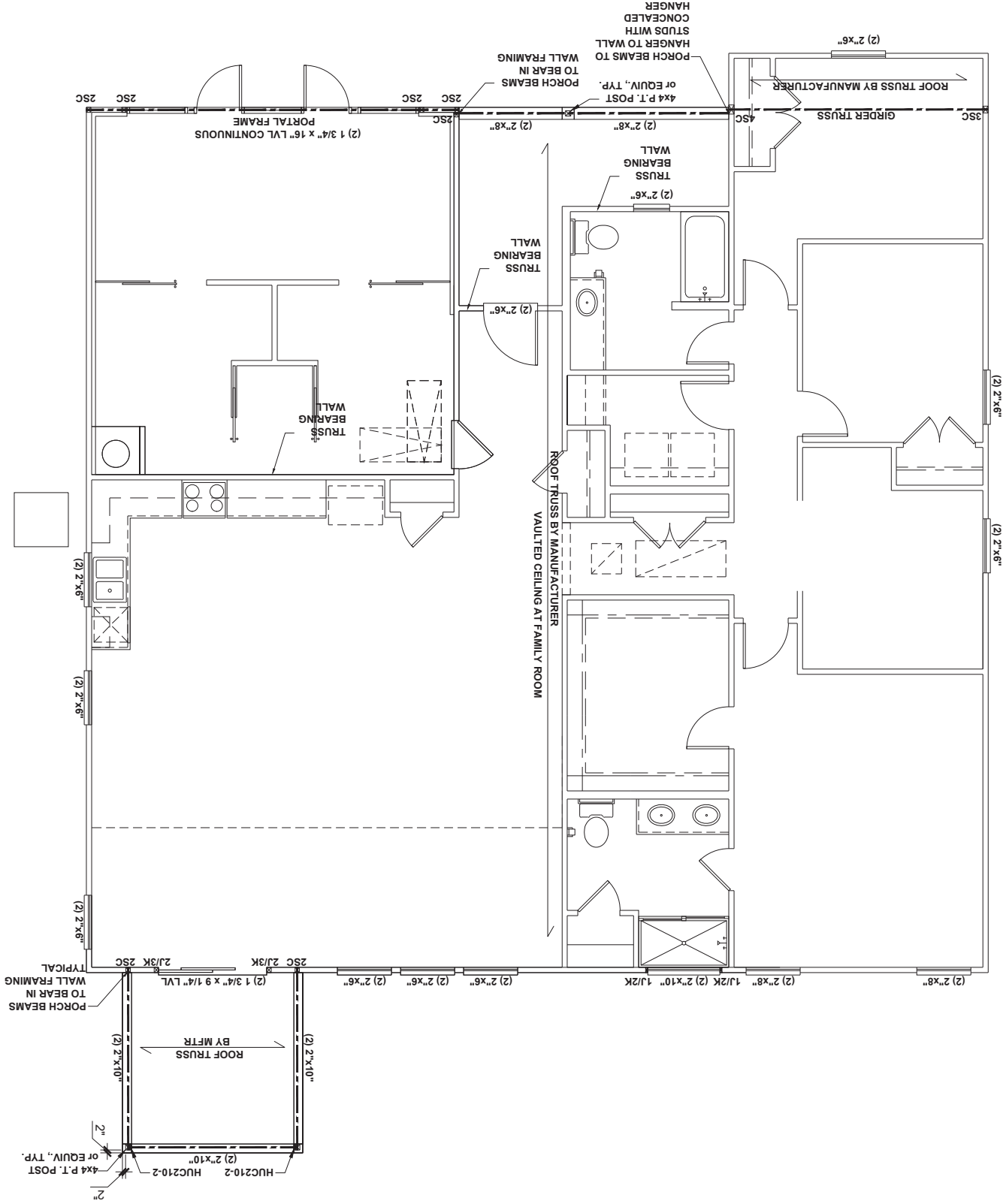
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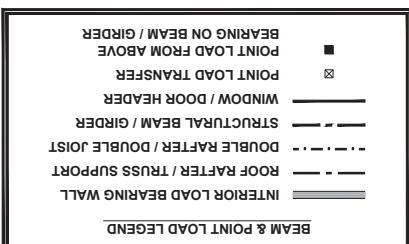
FIRST FLOOR CEILING FRAMING PLAN - 'B'

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



- FLOOR FRAMING TO BE 14" DEEP TJI 210 SERIES OR EQUAL, 19.2" OC MAXIMUM SPACING
- 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.
- JOIST SPACING NOT TO EXCEED 19.2" OC IN LOCATIONS WITH TILE FINISH FLOOR

1. ALL FRAMING TO BE #2 SPF MINIMUM.
2. ALL BEARING HEADERS TO BE (2) 2x6 SUPPORTED W/ MIN (1) JACK AND (1) KING EACH END, UNO.
3. EXTERIOR WALL OPENINGS OVER 3' TO HAVE MULTIPLE KING STUDS AS NOTED ON PLAN.
4. ALL NON-BEARING HEADERS TO BE (2) 2x4 (1) 1" (1) K, UNO.
5. PROVIDE CONTINUOUS BLOCKING THROUGH STRUCTURE FOR ALL POINT LOADS.
6. ALL HANGERS AND CONNECTORS SPECIFIED ARE TO BE SIMPSON STRONG-TIE OR EQUIVALENT.
7. ALL BEAMS SPECIFIED ARE MINIMUM SIZES ONLY. LARGER MEMBERS MAY SUBSTITUTE AS NEEDED FOR EASE OF CONSTRUCTION. MINIMUM BEAM SUPPORT IS (1) 2x4 STUD.
8. ALL EXTERIOR WALLS TO BE FULLY SHEATHED WITH 7/16" OSB.
9. FRONT PORCH COLUMNS TO BE MIN 4x4 PT ATTACHED AT TOP AND BOTTOM USING SIMPSON (OR EQUIV) COLUMN BASE OR SST A24 BRACKETS. TRIM OUT PER BUILDER.
10. PORCH COLUMNS TO BE MIN 4x4 PT ATTACHED AT BOTTOM USING SIMPSON (OR EQUIV) AB44 AND AT TOP USING CS 16 STRAPPING (12" MIN) TO PORCH HEADER / BAND.
11. WHEN 4-PLY LVL IS USED, ATTACH WITH (1) 1/2" Ø BOLT 12" OC STAGGERED, TOP AND BOTTOM, 1-1/2" MIN FROM ENDS. ALTERNATE ATTACHMENT EQUIVALENT METHOD MAY BE USED, SUCH AS SDW OR TRUSSLOK SCREWS (SEE MANUFACTURER'S SPECIFICATIONS).
12. FOR STUD COLUMNS OF 4 OR MORE, INSTALL SST INSIDE FACE OF COLUMN (EXTERIOR WALL), ON CS16 STRAPS @ 30" OC, 6" MAX FROM PLATES, ON BOTH FACES OF COLUMN (INTERIOR WALL).



S4.0B

FIRST FLOOR
WALL BRACING PLAN

PLAN:
150.1910

DATE: 10/02/2020

PROJECT NO.: 20901547



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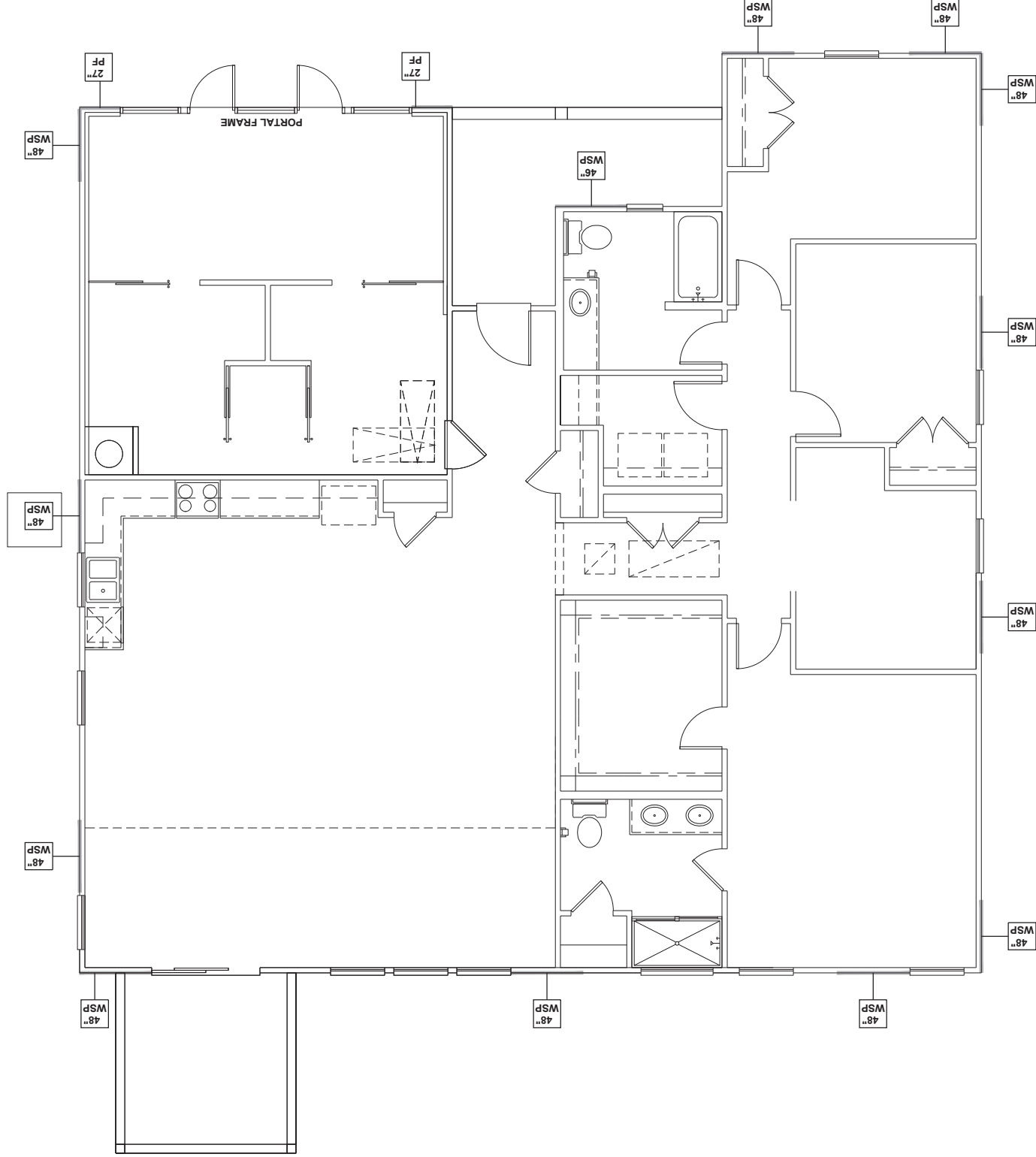
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FIRST FLOOR WALL BRACING PLAN - 'B'

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



WALL BRACING: RECTANGLE 1

| SIDE | REQUIRED LENGTH | PROVIDED LENGTH |
|-------|-----------------|-----------------|
| FRONT | 6.5 FT. | 18.6 FT. |
| RIGHT | 6.5 FT. | 12.0 FT. |
| REAR | 6.5 FT. | 12.0 FT. |
| LEFT | 6.5 FT. | 16.0 FT. |

WALL BRACING REQUIREMENTS

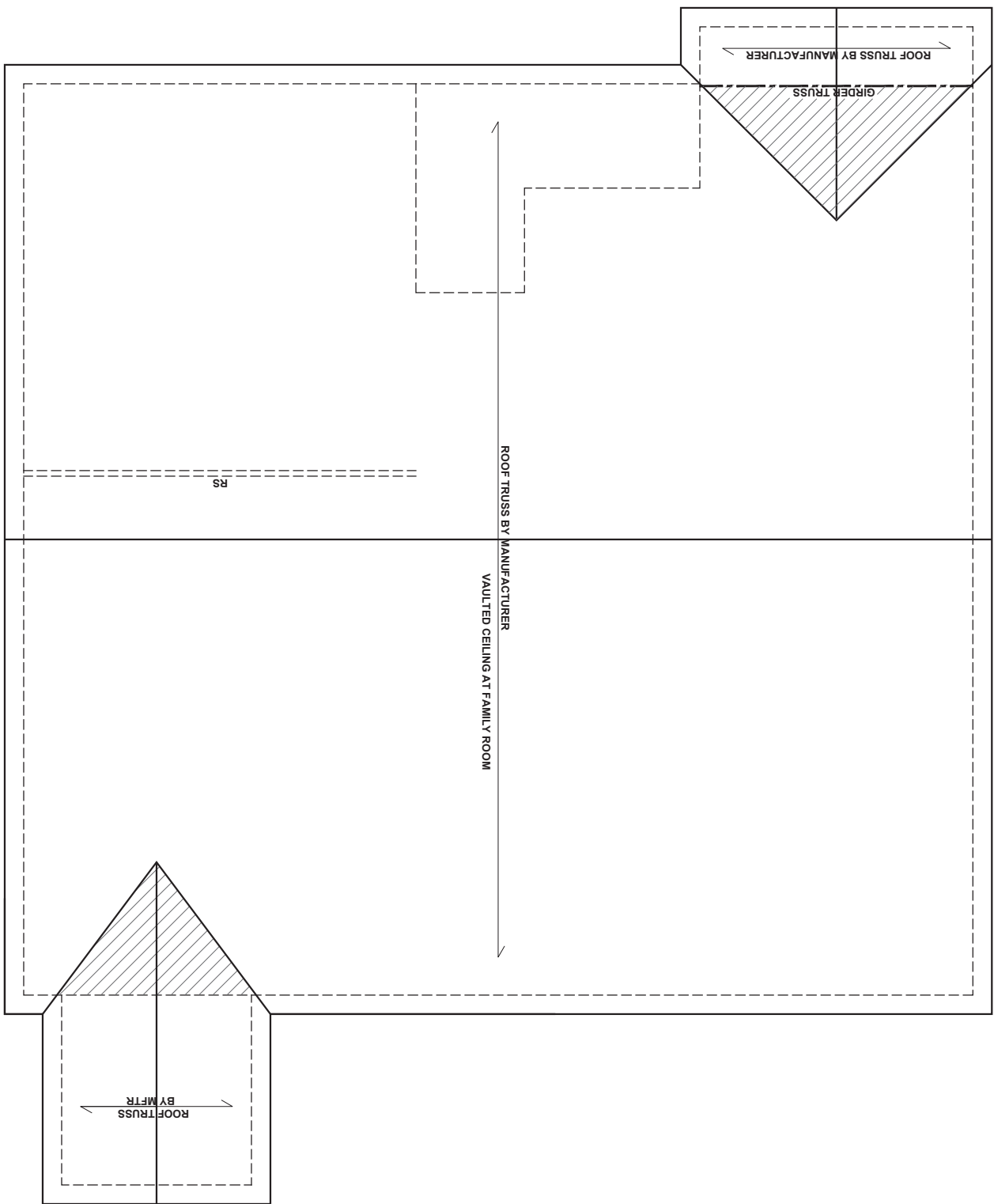
- MINIMUM PANEL WIDTH IS 24"
- FIGURES BASED ON THE CONTINUOUS SHEATHING METHOD USING THE RECTANGLE CIRCUMSCRIBED AROUND THE FLOOR PLAN OR PORTION OF THE FLOOR PLAN. IF NO RECTANGLE IS NOTED, THE STRUCTURE HAS BEEN FIGURED ALL WITHIN ONE RECTANGLE.
- PANELS MAY SHIFT UP TO 36" EITHER DIRECTION FOR EASE 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 MST15 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 HT14 FOR ATTACHMENT TO CONCRETE.

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


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 CONNECTIONS: 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.

CONNECTOR NAILING PER TABLE 602.3(1) NCRBC 2018 EDITION

UP TO 28' (1) SIMPSON H2.5A HURRICANE CLIP TO DBL TOP PLATE OR BEAM OR (1) SIMPSON H3 CLIP TO SINGLE 2x4 PLATE

ROOF FRAMING PLAN

S7.0B

PLAN: 150.1910

DATE: 10/02/2020

PROJECT NO.: 20901547



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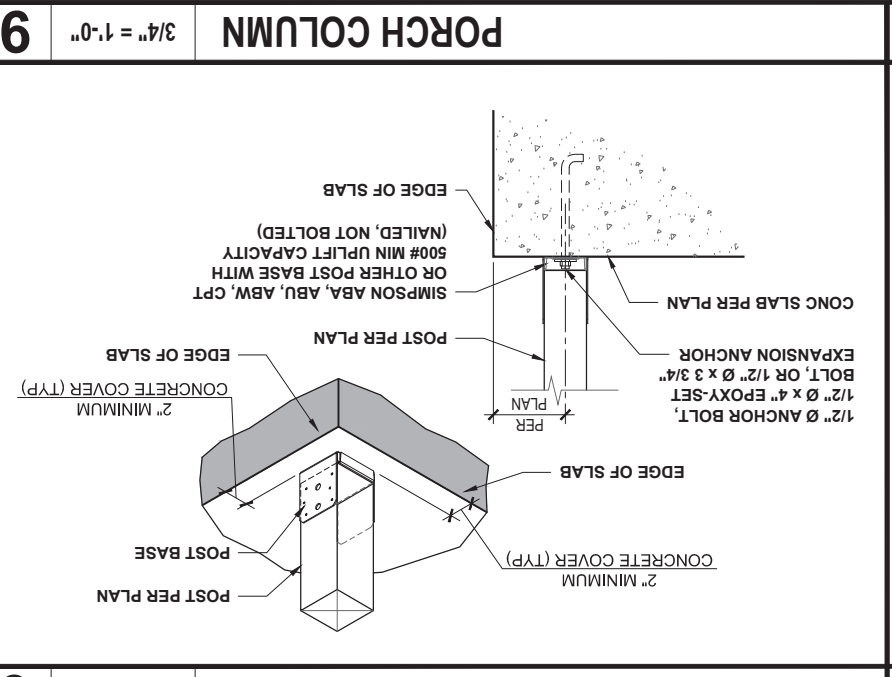
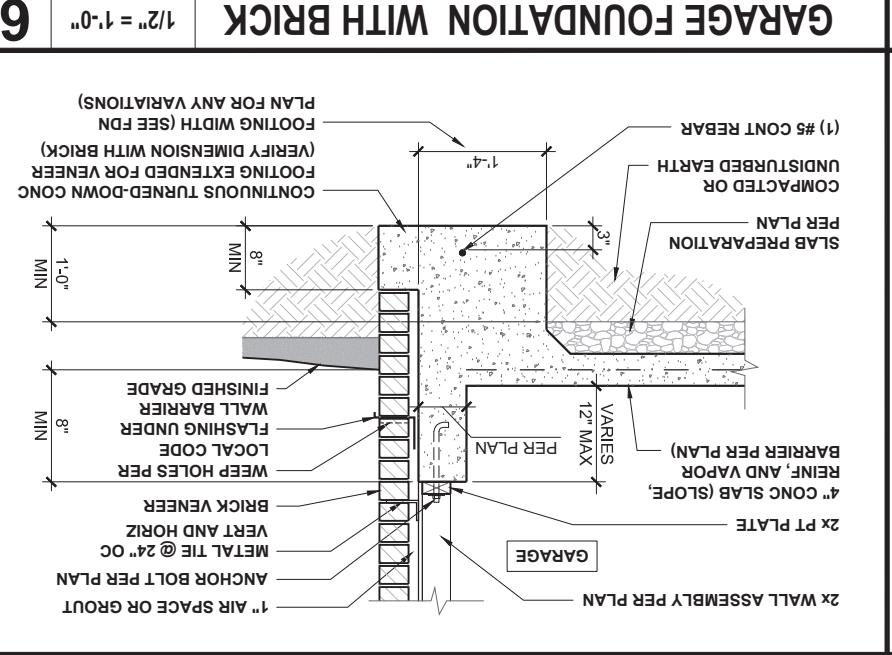
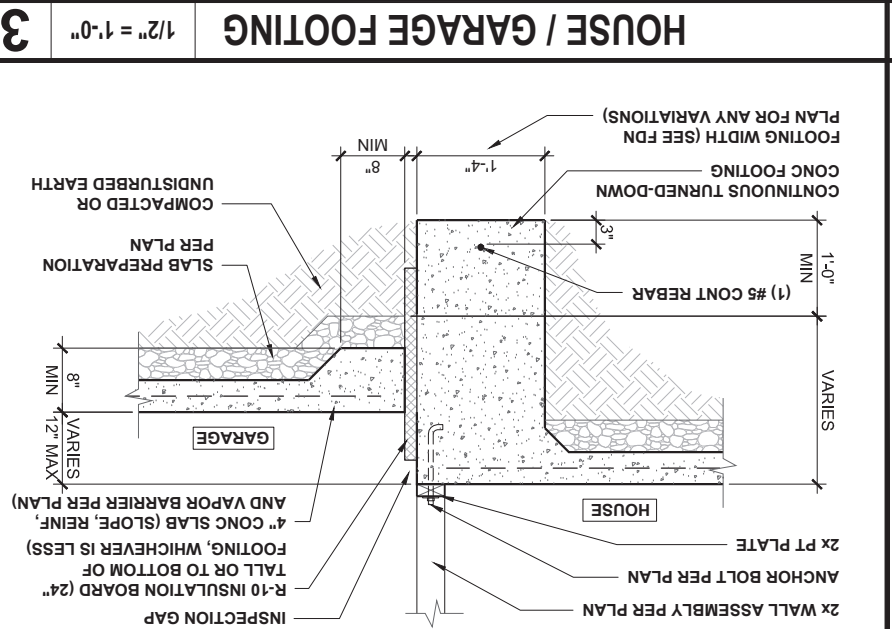
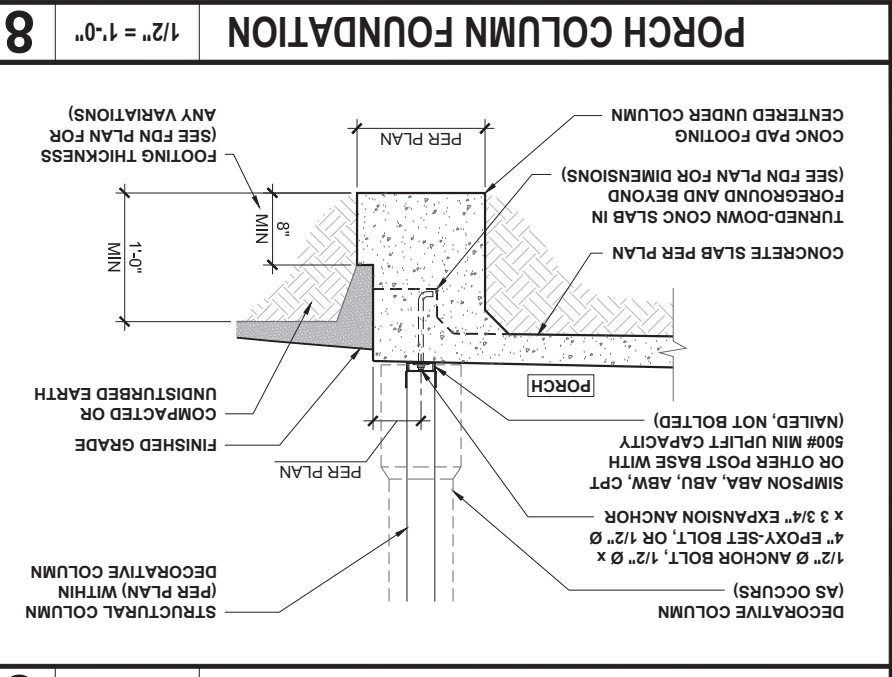
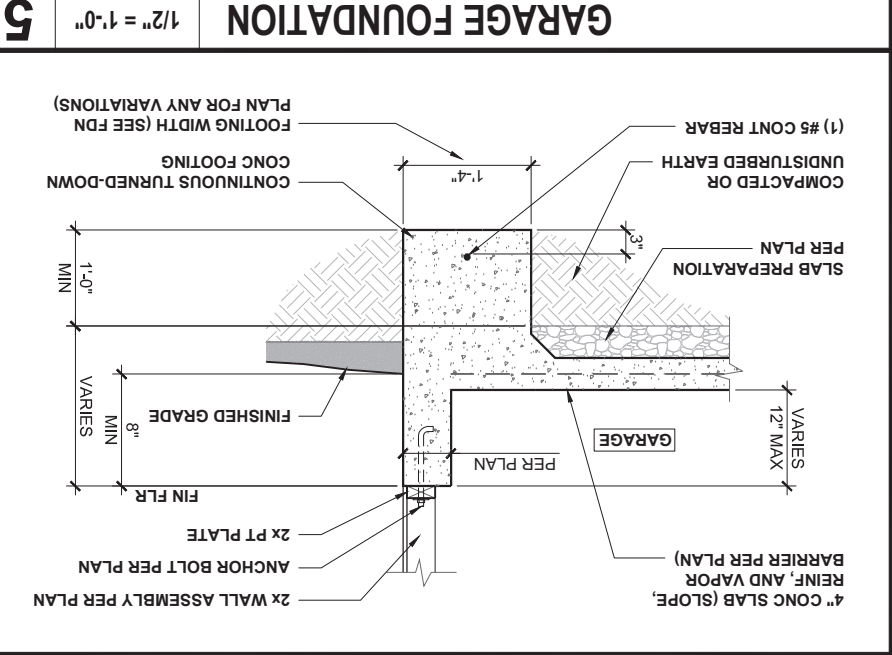
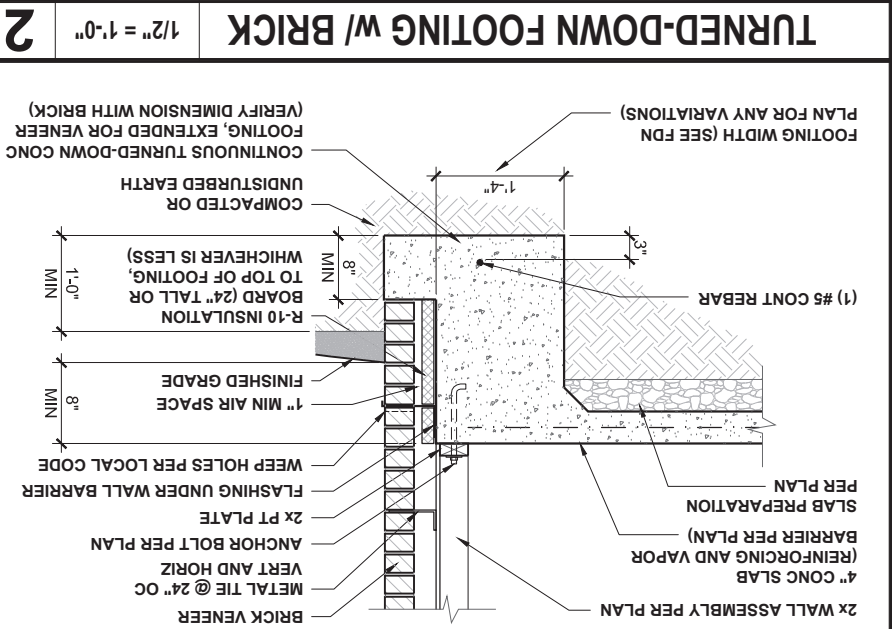
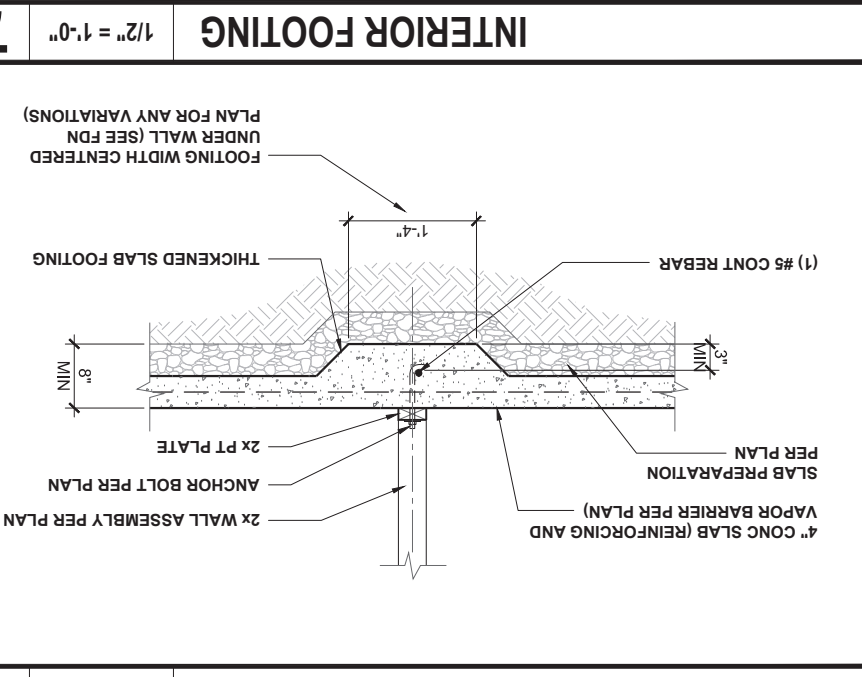
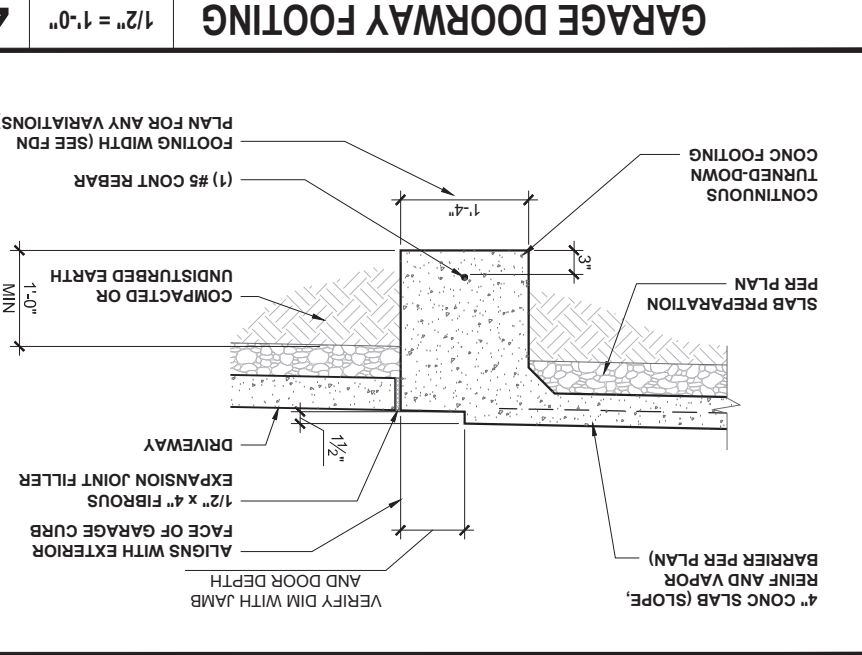
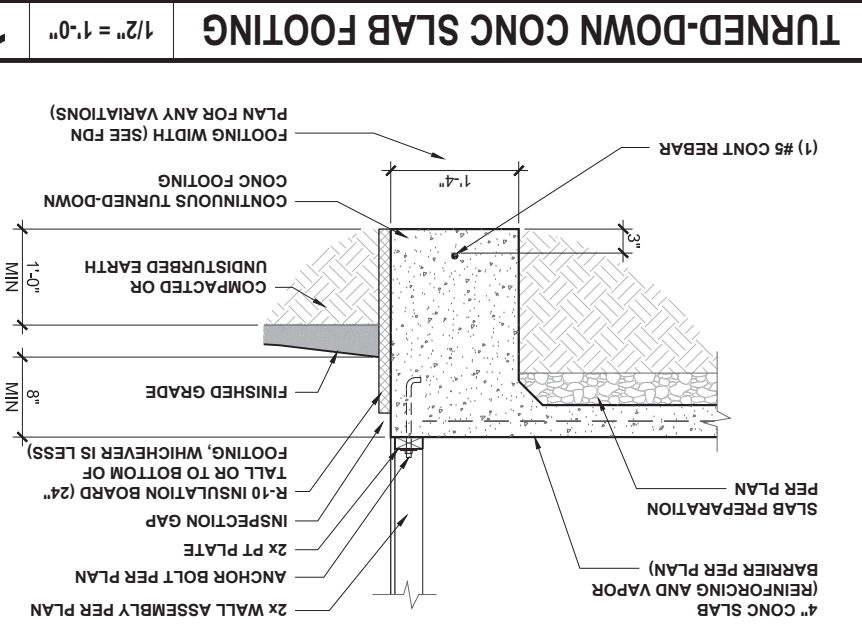
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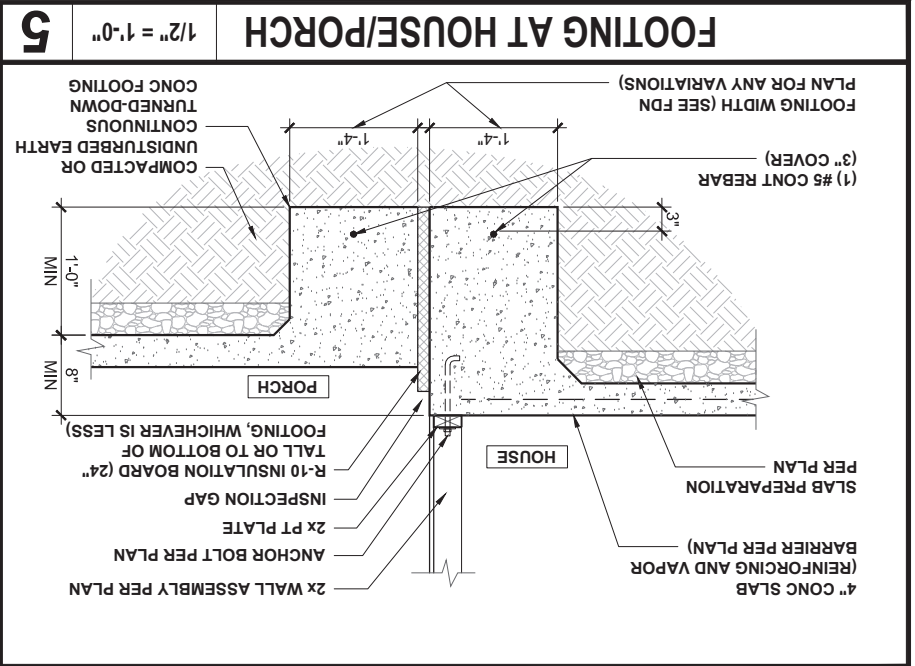
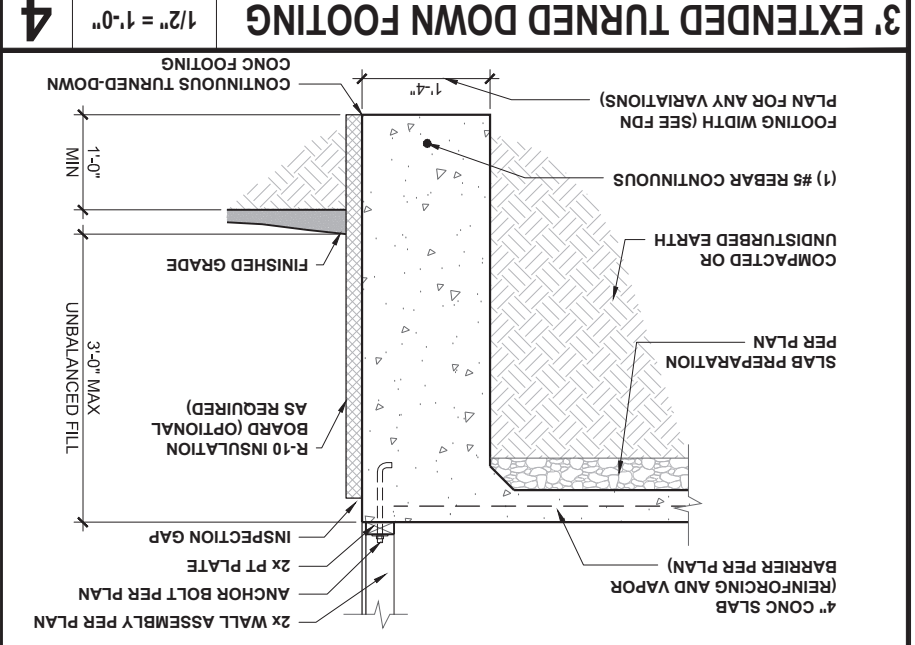
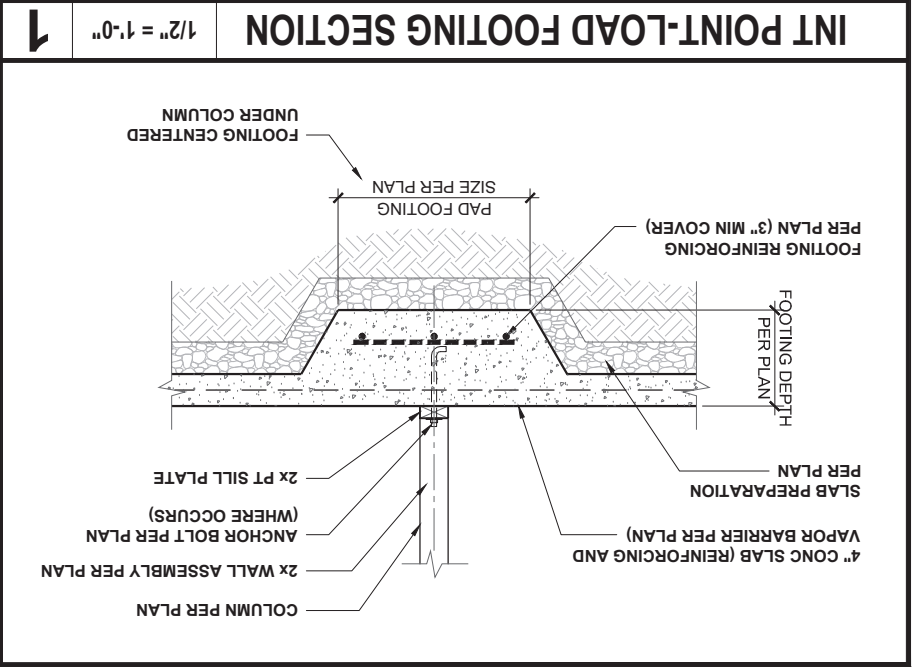
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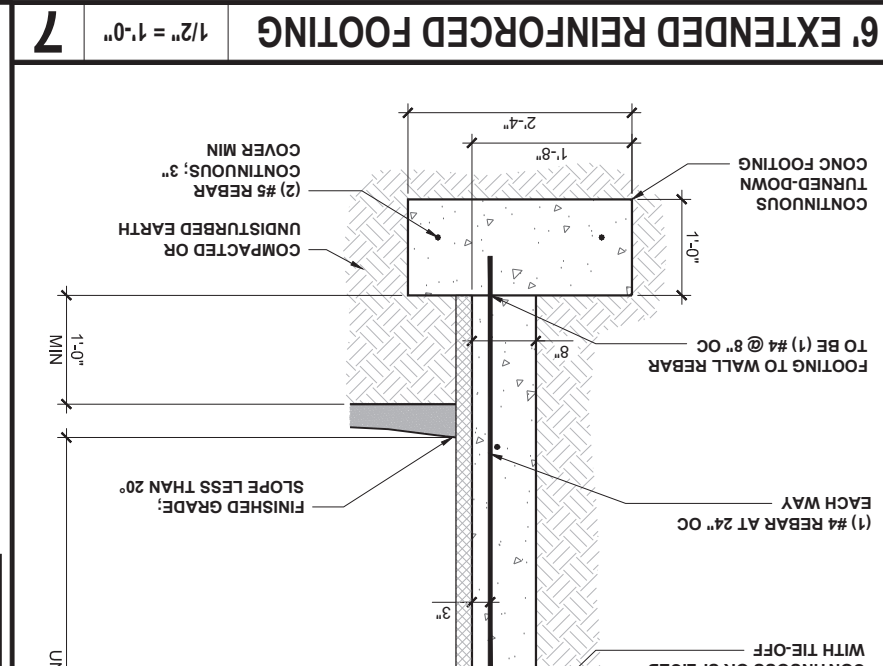
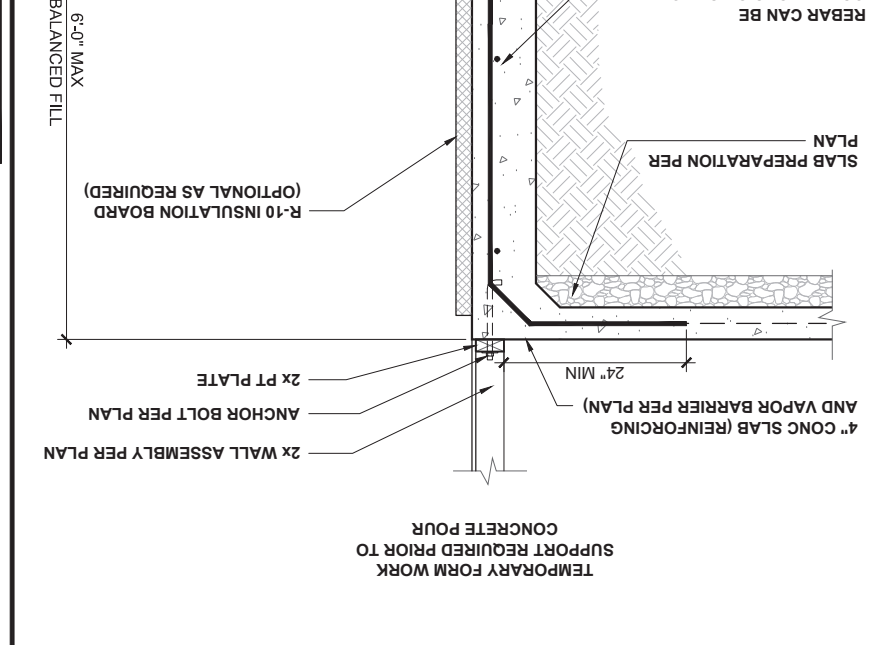
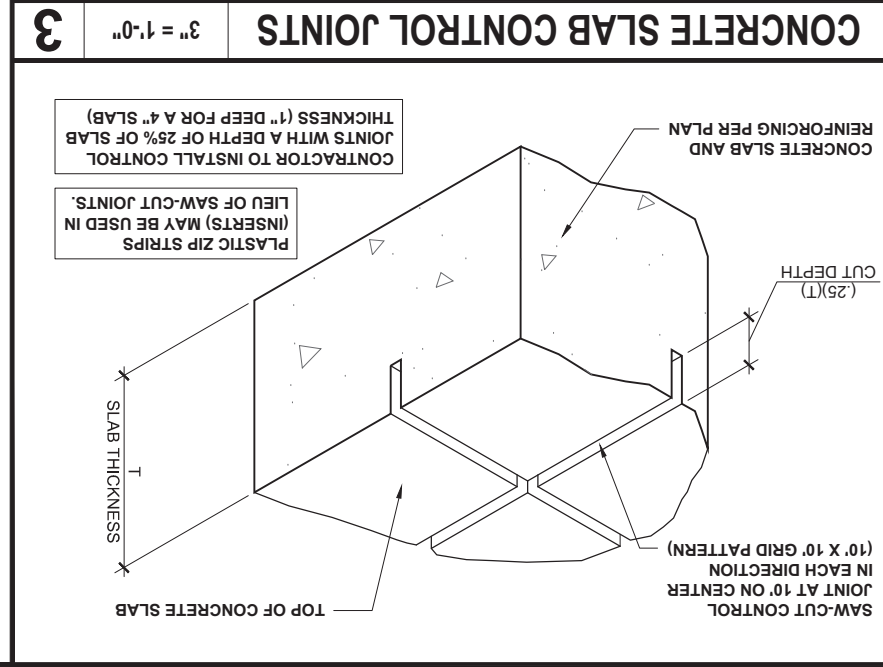
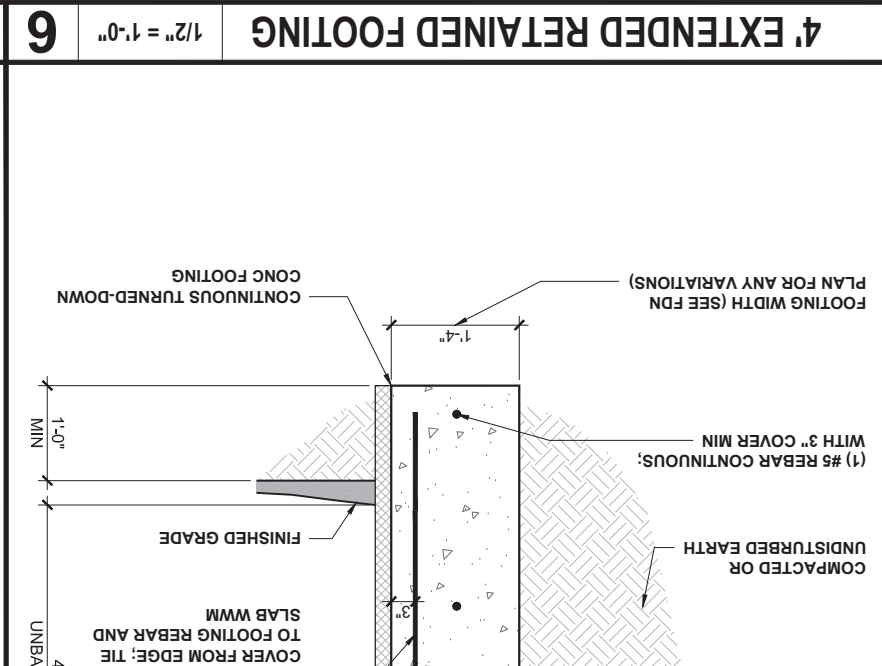
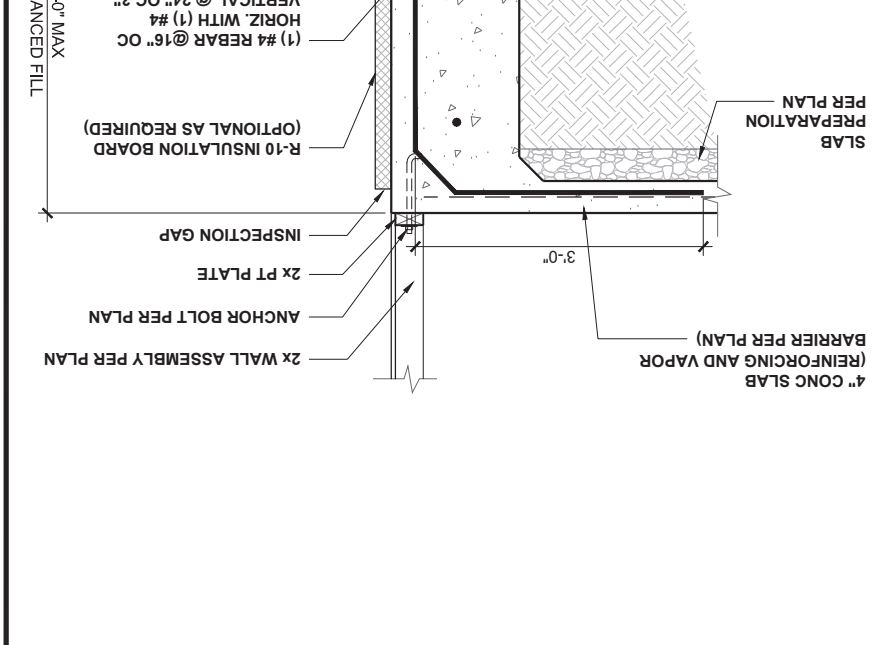
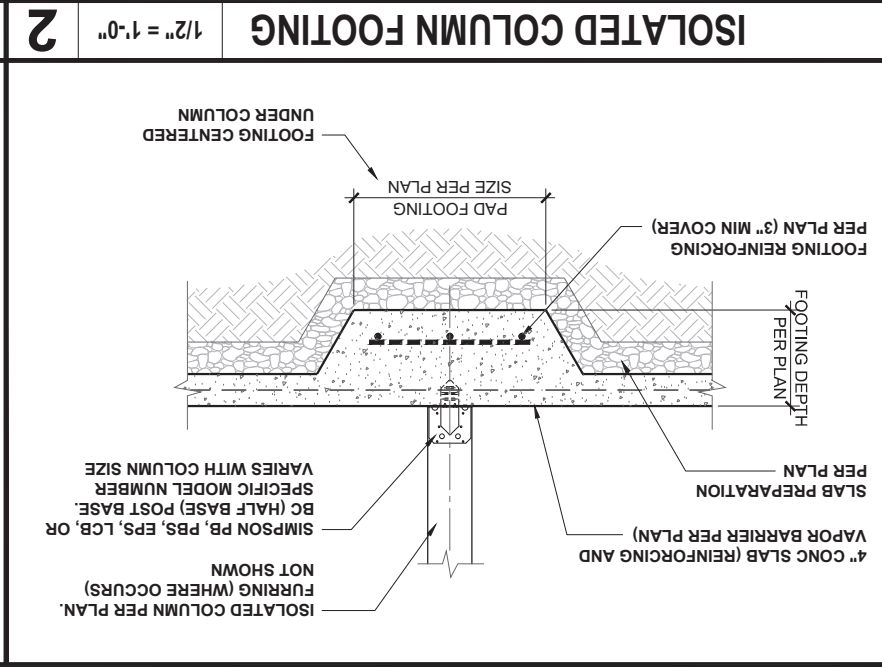
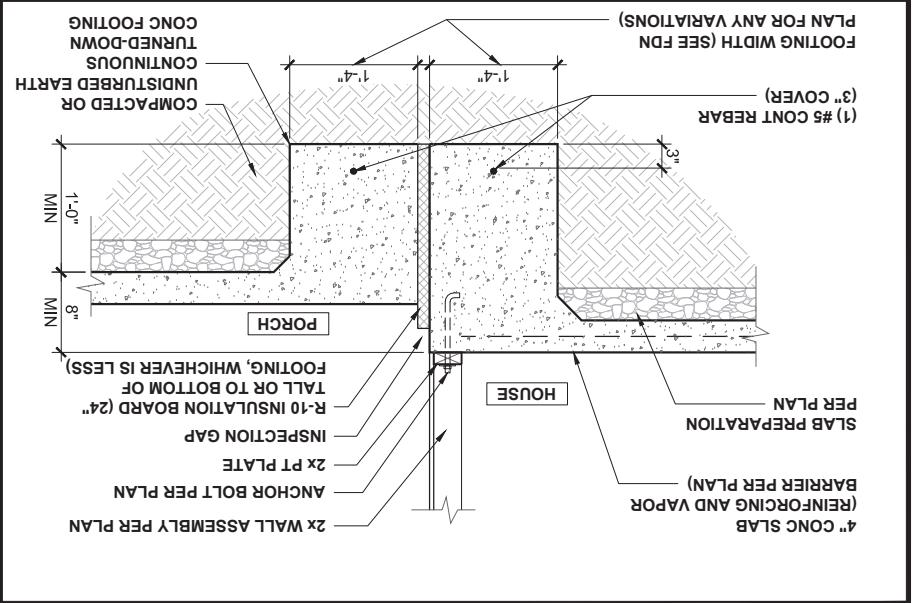
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JDStalkner
 ENGINEERING + DESIGN + CONSULTING
 PROJECT NO.: 20901547
 DATE: 10/02/2020
 PLAN: 150.1910
 TURNED-DOWN SLAB FOUNDATION DETAILS
 D1.0

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D2.0
FOUNDATION DETAILS
TURNED-DOWN SLAB

PROJECT NO.: 20901547
DATE: 10/02/2020
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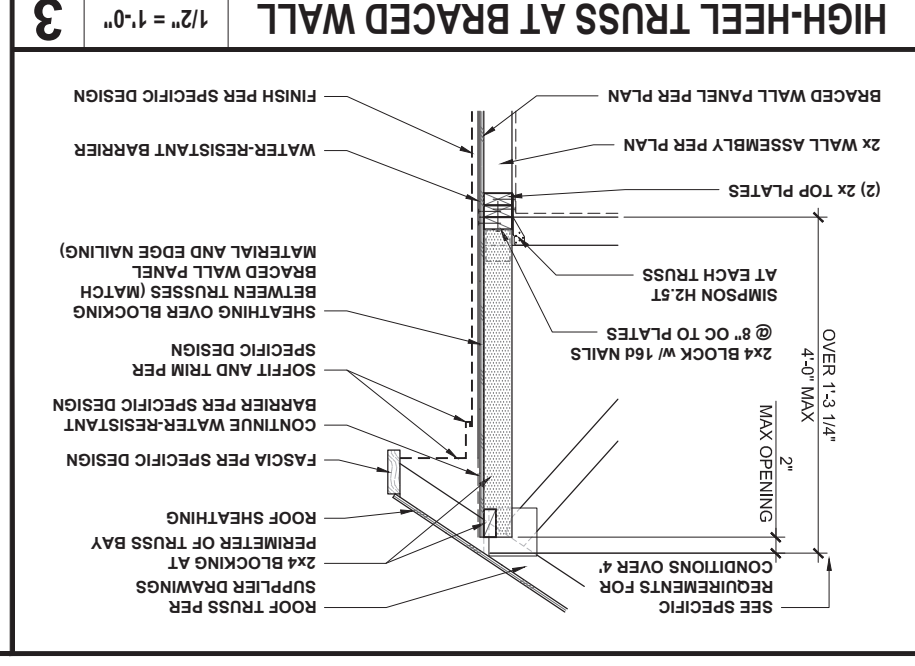
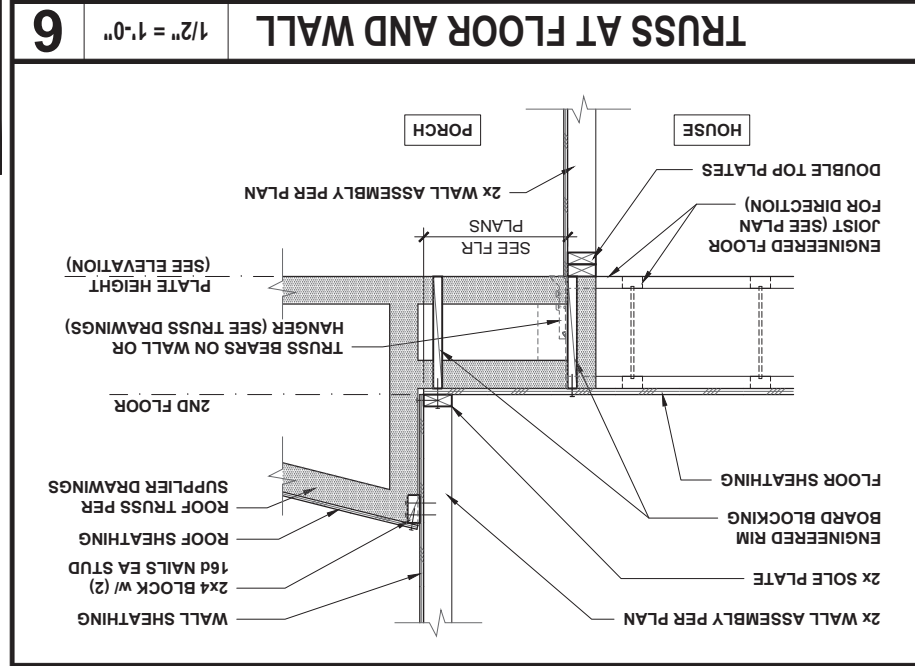
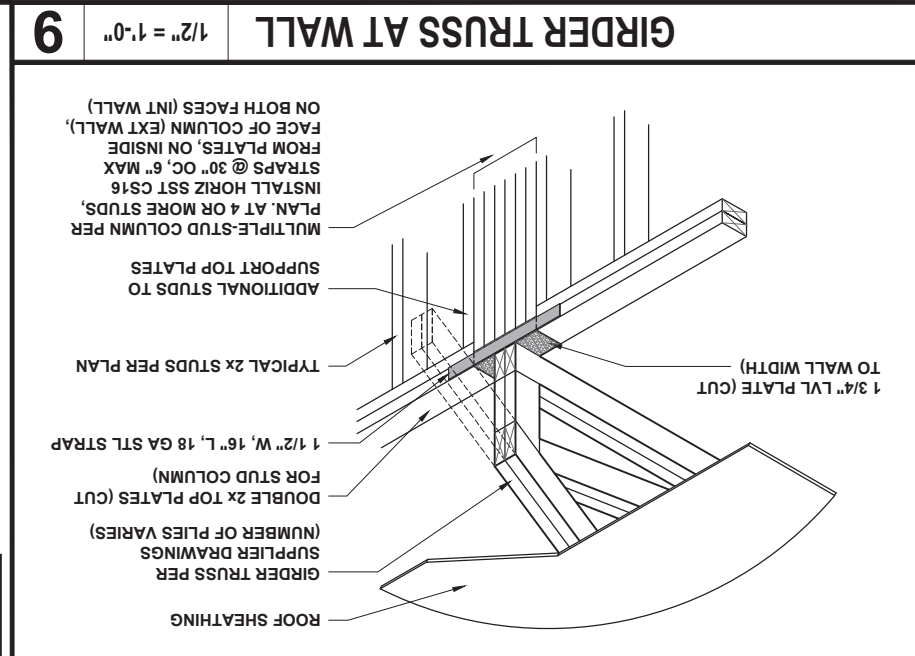
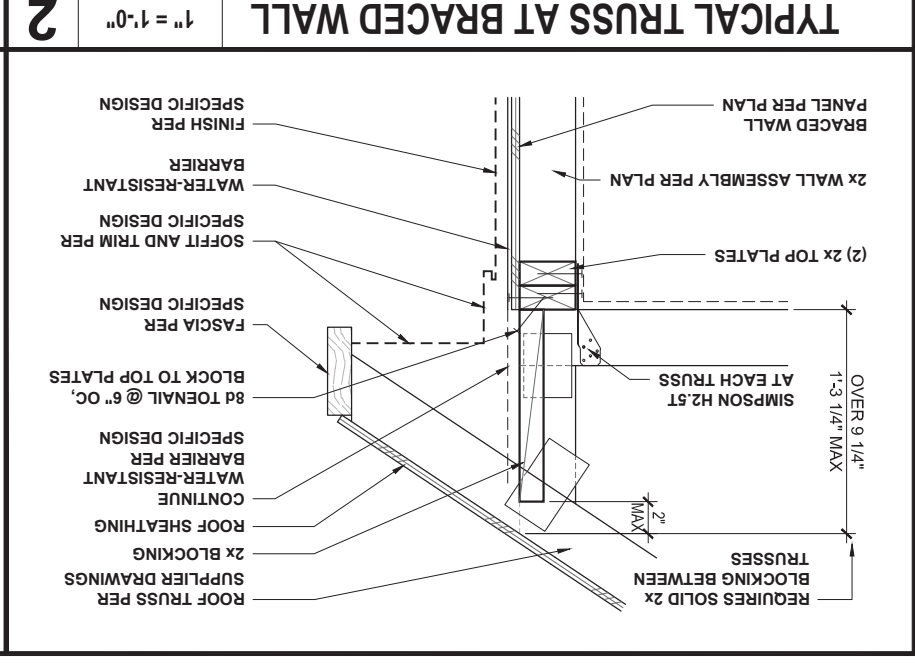
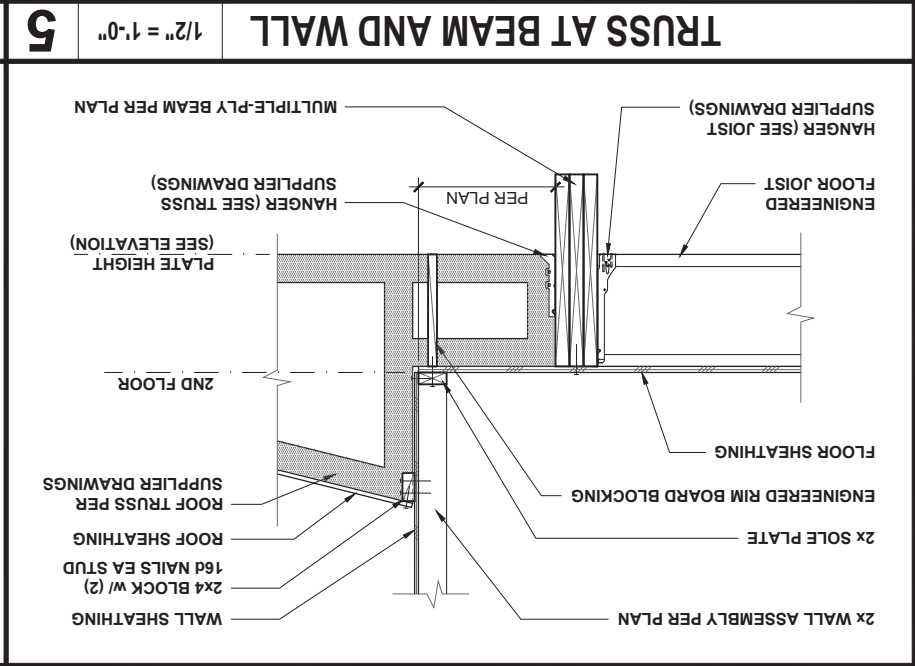
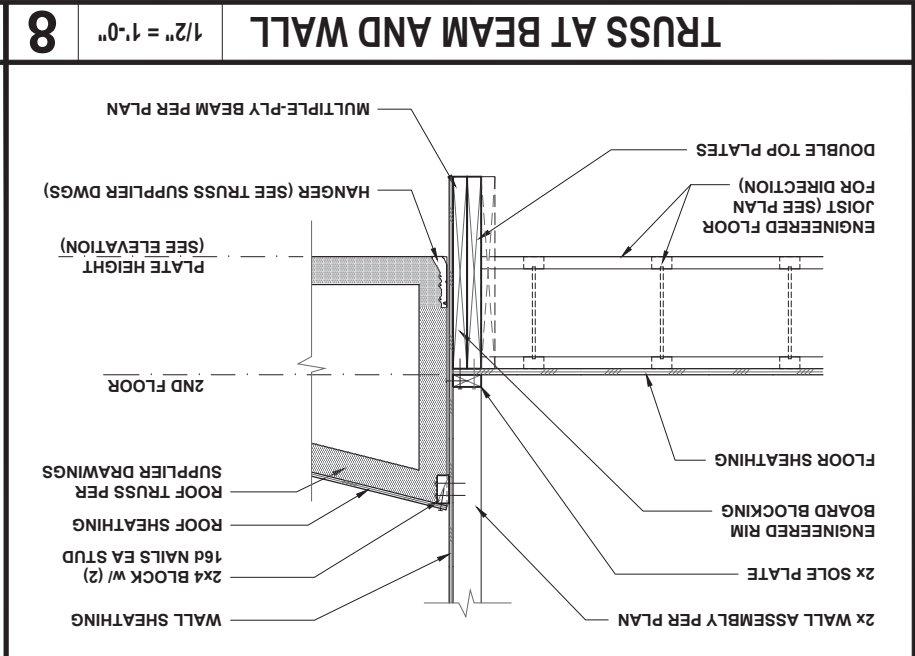
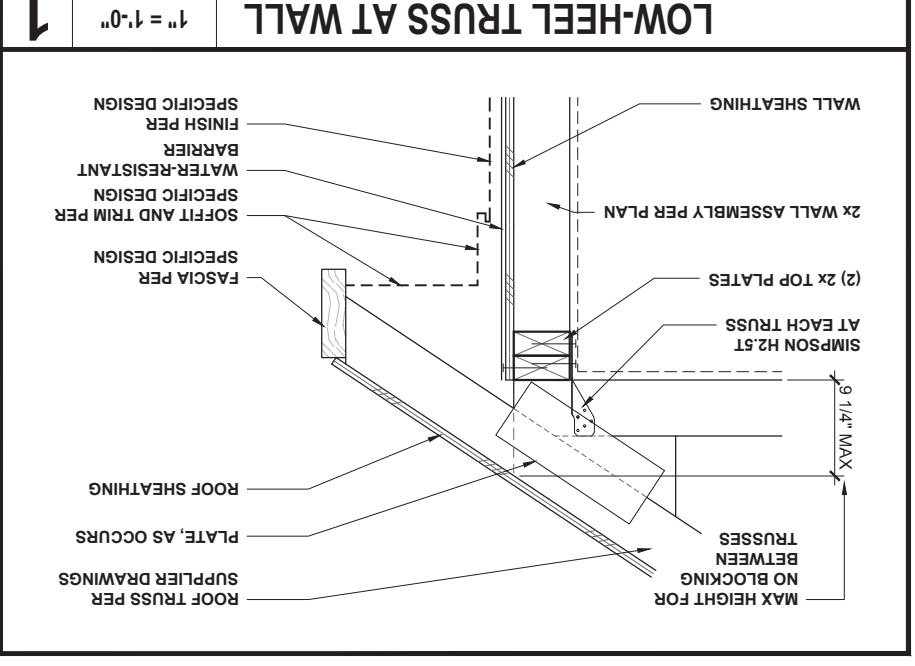
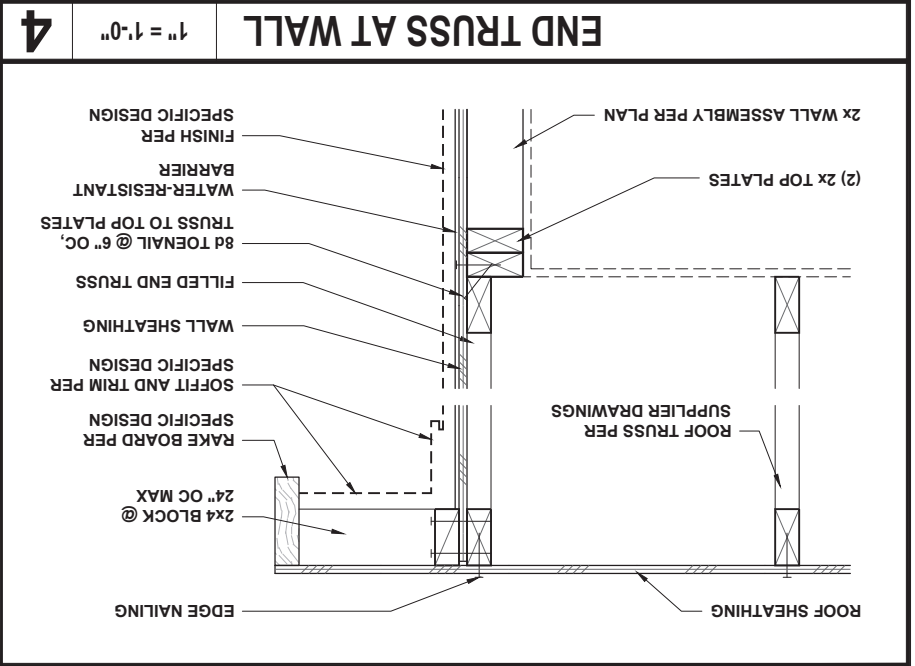
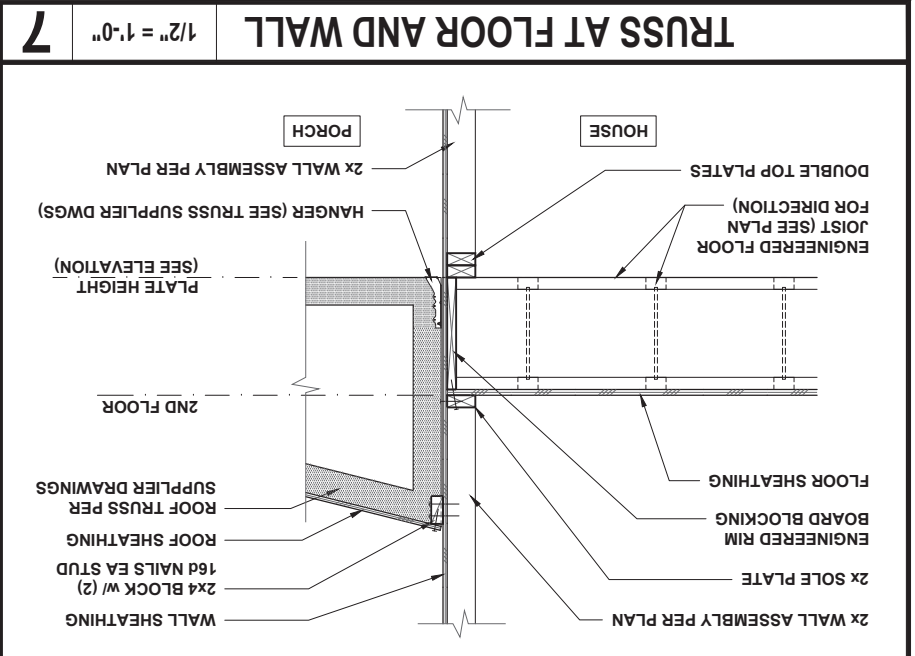
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JDS&K LLC
8800 D. JERSEY CT., RALEIGH, NC 27617-9148, 1075
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10/2/2020

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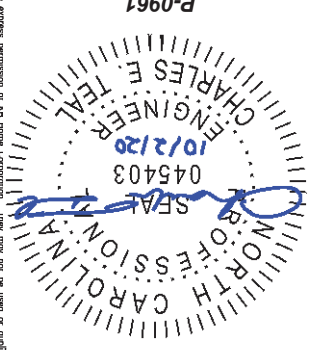
D3.0
ROOF TRUSS
FRAMING DETAILS

PLAN: 150.1910

DATE: 10/02/2020

PROJECT NO.: 20901547

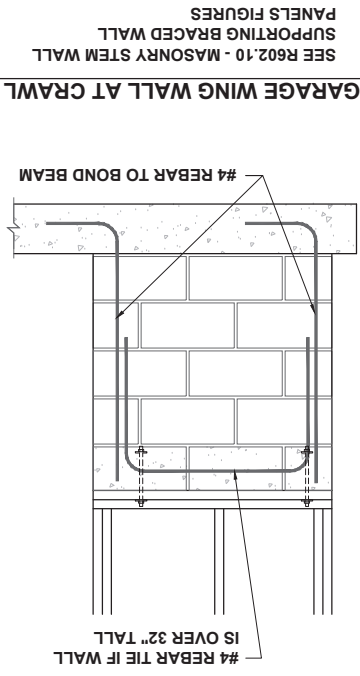
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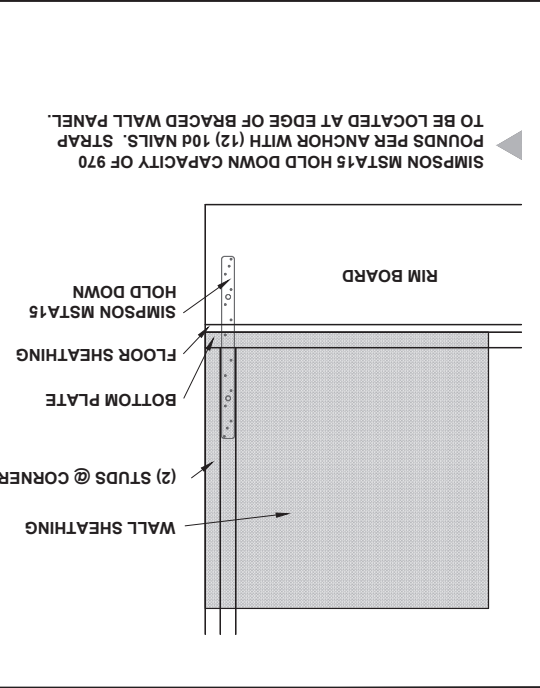
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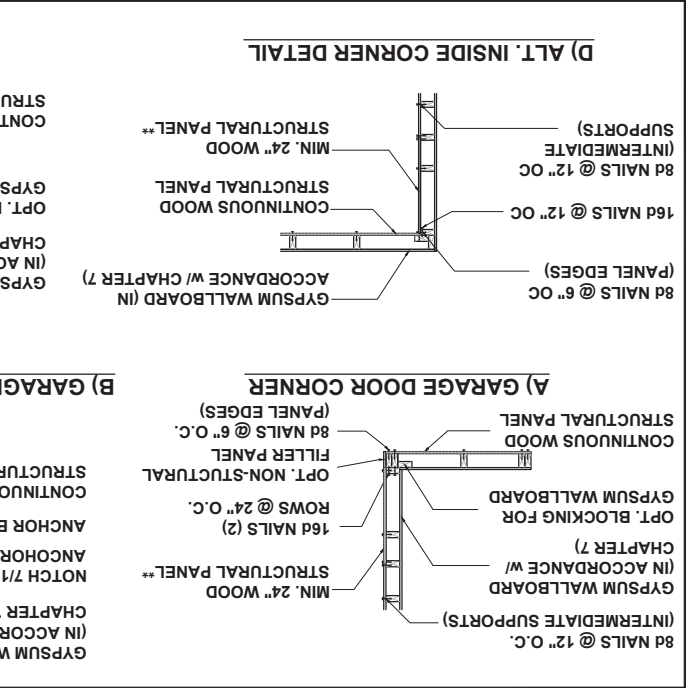
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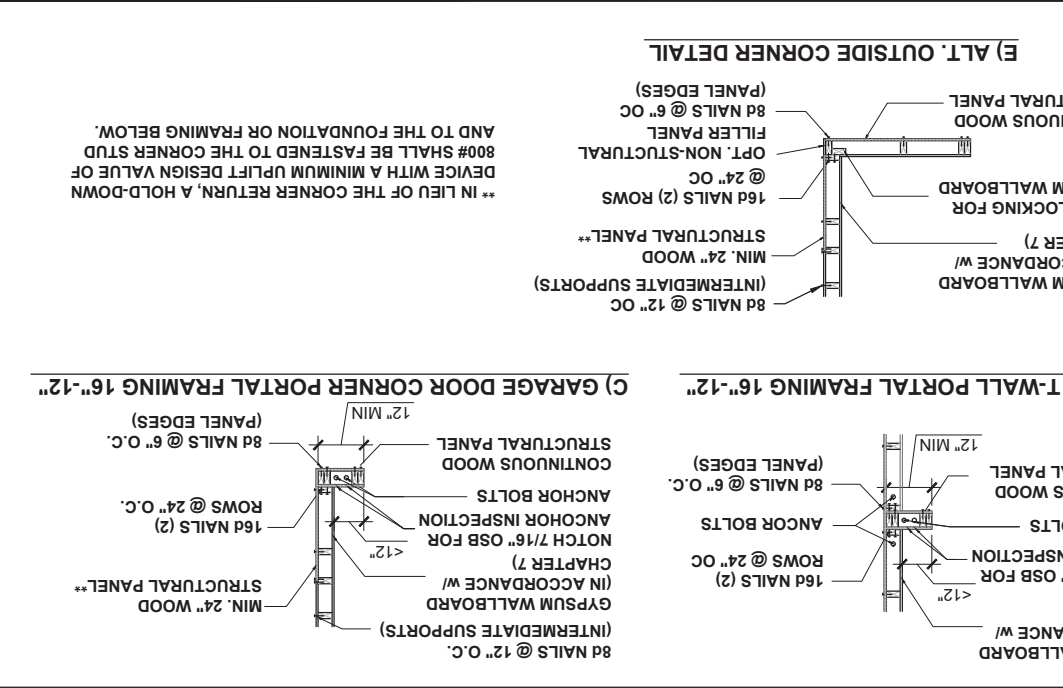
3 NTS **BRACED WALL HOLD-DOWN**



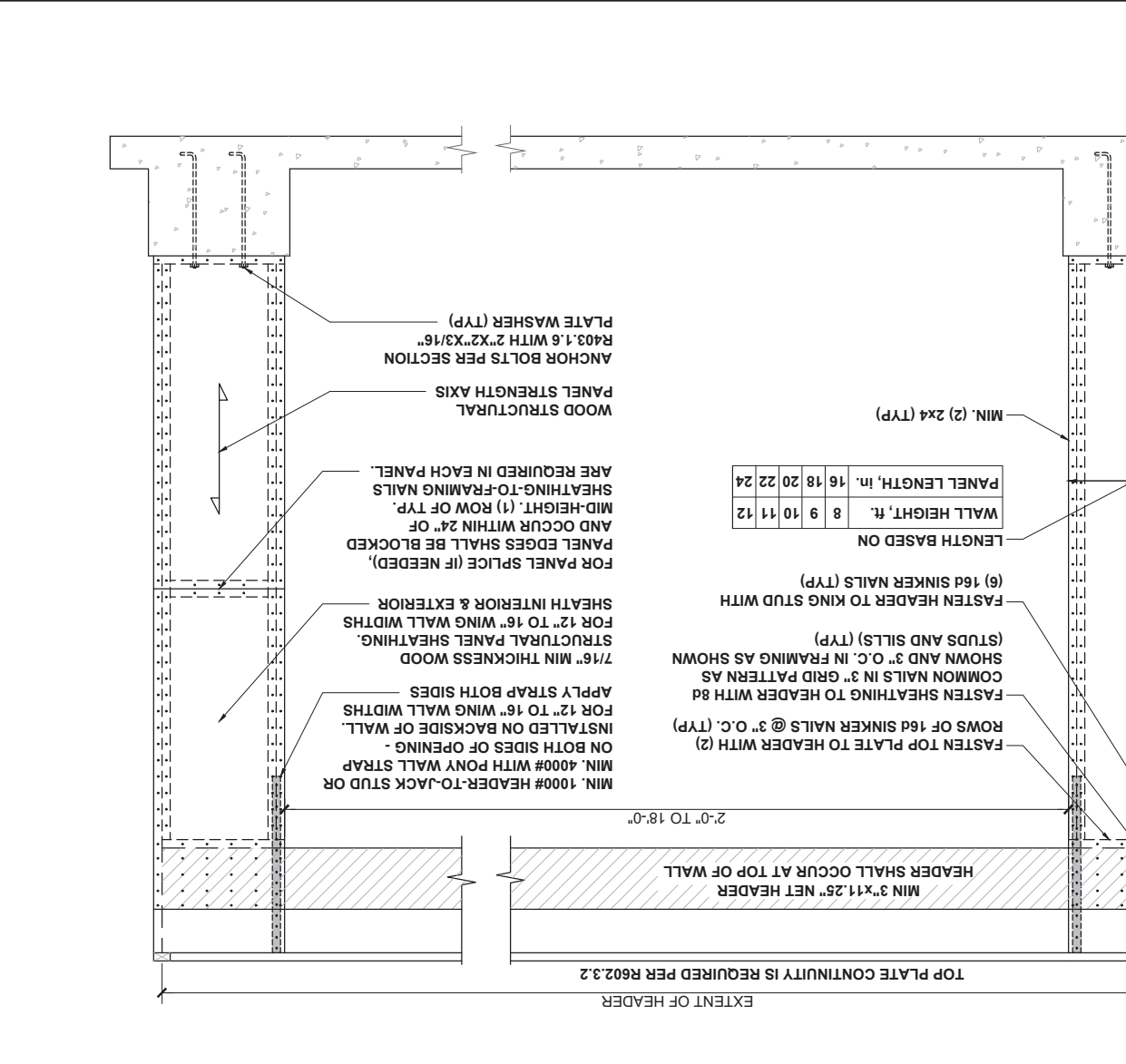
4 1/4" = 1'-0" **CORNER FRAMING FOR CONTINUOUS SHEATHING**



2 3/16" = 1'-0" **BRACING METHODS**

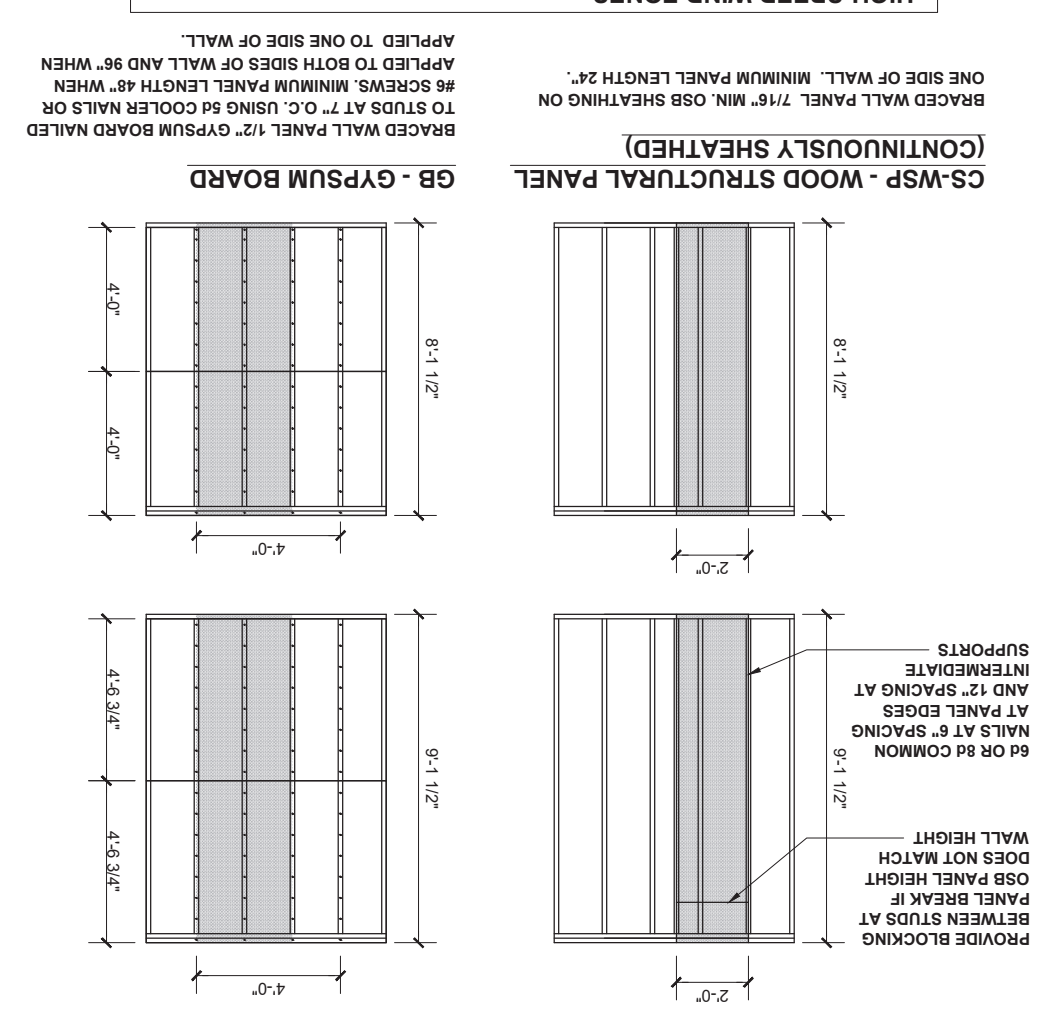


1 3/8" = 1'-0" **METHOD PF: PORTAL FRAME PANEL CONSTRUCTION**



HIGH-SPEED WIND ZONES

FOR LOCATIONS OF 130 MPH OR MORE ULTIMATE DESIGN WIND SPEED (110 MPH OR MORE BASIC WIND SPEED IN VIRGINIA AND GEORGIA), WALLS SHALL BE BRACED PER THE LATEST ADOPTED EDITION OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS PUBLICATION ASCE 7 OR STANDARD FOR RESIDENTIAL CONSTRUCTION IN HIGH-WIND REGIONS (ICC 600).



D4.0 WALL BRACING DETAILS

PLAN: 150.1910

DATE: 10/02/2020

PROJECT NO.: 20901547

JDS&K ARCHITECTS, PLLC

APPROVAL OF THE EOR IS PROHIBITED.

REQUIREMENTS OF THESE PLANS WITHOUT THE PLAN REVIEW, DEVIATION OF ANY STRUCTURAL ONE- AND TWO-FAMILY DWELLINGS FOR NC 2018 NORTH CAROLINA RESIDENTIAL CODE FOR STRUCTURAL COMPONENTS COMPLY WITH THE STRUCTURAL REVIEW OF THESE PLANS. THE JDS&K ARCHITECTS, PLLC HAS PERFORMED A

Professional Engineer Seal

CHARLES E. TEAL

ENGINEER

10/2/2020

045403

SEAL

NORTH CAROLINA PROFESSIONAL ENGINEER

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