THE NORTH CAROLINA OFFICE OF RESILIENCY AND RECOVERY (NCORR)

HADLEY I RANCH

BUILDING DATA

1,080 TOTAL HEATED SF

154 SF FRONT PORCH

APPLICABLE CODES

2018 NORTH CAROLINA STATE BUILDING CODE: RESIDENTIAL

2018 NORTH CAROLINA STATE BUILDING CODE: ENERGY CONSERVATION CODE

2010 AMERICANS WITH DISABILITY ACT STANDARDS FOR ACCESSIBLE DESIGN

INTERNATIONAL CODE COUNCIL A117.1 -2009 ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES (WHERE APPLICABLE BY AUTHORITIES HAVEING JURISDICTION)

State of North Carolia Department of Public Safety NC Office of Recovery and Resiliency 200 Park Offices Drive Durham, NC, 27713

ARCHITECT

Summit Design & Engineering Services 1110 Navaho Drive, Suite 600 Raleigh, NC 27609

Contact: Bradley J. McClung, AIA, NCARB E-Mail: bradley.mcclung@summitde.net Phone: (919) 322-0115 Fax: (919) 322-0116

STRUCTURAL

Summit Design & Engineering Services 1110 Navaho Drive, Suite 600 Raleigh, NC 27609

Contact: C. Christian Berg, PE E-Mail: chris.berg@summitde.net Phone: (919) 322-0115 Fax: (919) 322-0116

MEP Nick Kisley, PE 115 Mackenan Drive Cary, NC 27511

Contact: D. Nick Kisley, PE E-Mail: nkisley@yahoo.com Phone: (919) 460-9091



Contact: Ivan Duncan E-Mail: ivan.duncan@ncdps.gov Phone: (833) 275-7262

A500 BATHROOM DETAILS & MISC NOTES S200 DETAILS

E-100 ELECTRICAL

SHEET INDEX

A200 EXTERIOR ELEVATIONS

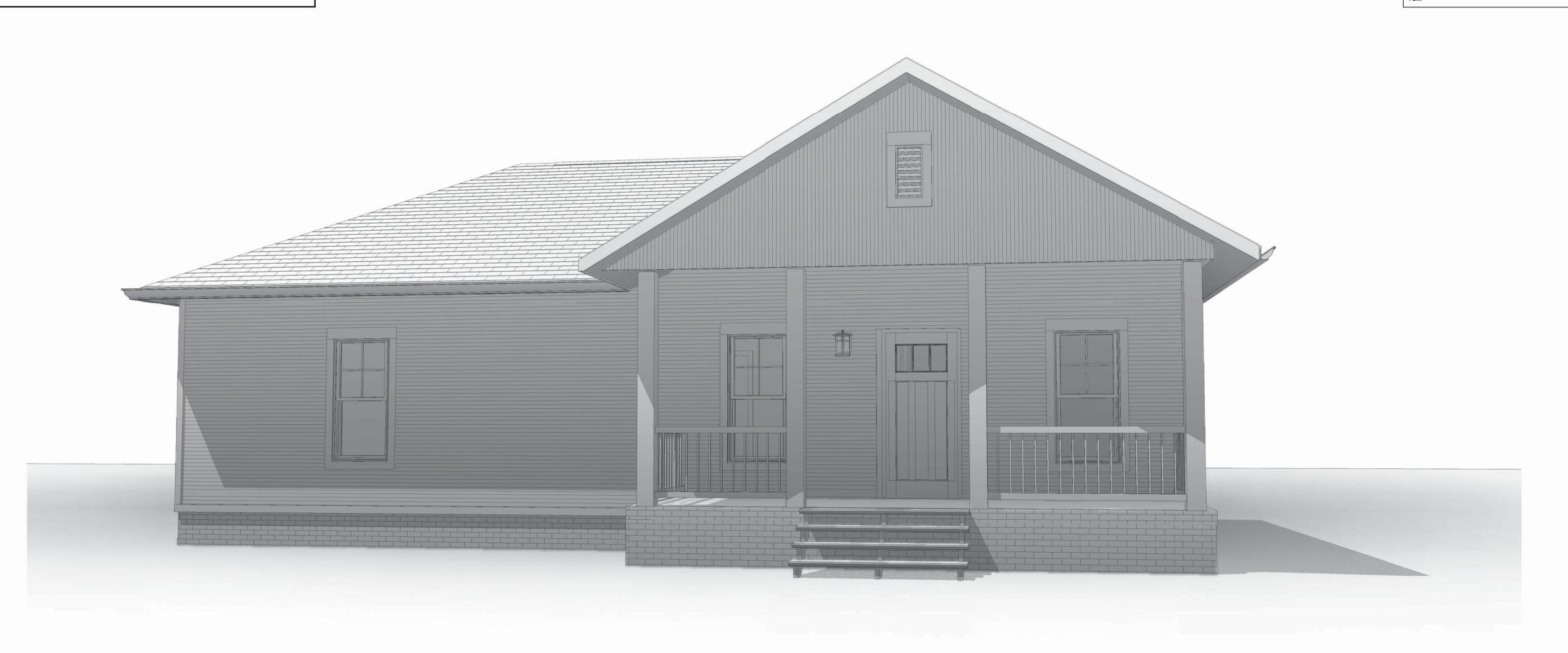
A300 WALL SECTION AND DETAILS

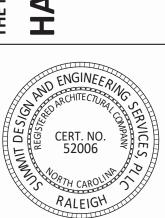
A100 FLOOR PLAN, ROOF PLAN, AND NOTES

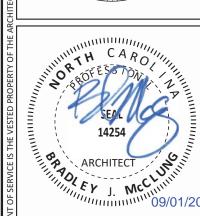
CS000 COVER SHEET

A400 DETAILS

S100 GENERAL NOTES AND PLANS S201 TRUSS PROFILES PLUMBING & MECHANICAL PM-100 PLUMBING AND HVAC







CHECKED BY: FIRST ISSUE DATE: PROJECT NO.

20-0108.020 **COVER SHEET**

ADA COMPLIANCE NOTES

LOCATIONS WITH CABINETRY SUPPLIER.

1. PROVIDE CONTINUOUS BLOCKING FOR GRAB BARS IN THE BATHROOM. REFER TO ADA.GOVE, 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN FOR EXACT LOCATIONS. BLOCKING SHALL BE CONT. 2x6 WOOD STUDS FROM 32"-38" A.F.F. 2. IN UNITS WHERE ACCESSIBILTY IS REQUIRED, PROVIDE ADA COMPLIANT ROLL IN SHOWER, ADA COMPLIANT

11. G.C. SHALL PROVIDE BLOCKING FOR CABINETRY AND COUNTERTOP SUPPORT. COORDINATE ATTACHMENT

- VANITY, AND GRAB BARS.
- 3. KITCHEN DESIGN SHALL BE DESIGNED IN ACCORDANCE WITH 2010 ADA OR SHALL BE DESIGNED TO BE EASILY
- 4. IF A HANDICAP RAMP IS ACCESSIBLE, THE GEOMETRY SHALL BE BASED ON SITE CONDITIONS AND RAMP SHALL BE ADA COMPLIANT
- 5. REFER TO A500 FOR ADA DIAGRAMS, MOUNTING HEIGHTS, ETC.

CORNICE VENTS. WHERE THE LOCATION OF WALL OR ROOF FRAMING MEMBERS CONFLICTS WITH THE INSTALLATION OF UPPER VENILATORS, INSTALLATION MORE THAN 3 FEET BELOW THE RIDGE OR HIGHEST POINT OF THE SPACE SHALL BE PERMITTED. 1,081 7.21 3.605 3.605 IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ENSURE RIDGE VENT AND EAVE VENT PRODUCTS PROVIDE SUFFICIENT VENTILATION

ATTIC VENTILATION

CALCULATIONS

THE TOTAL NET FREE AREA SHALL NOT BE LESS THAN 1/150 OF THE AREA OF THE

SPACE VENTILATED. THE NET FREE CROSS-VENTILATION AREA SHALL BE PERMITTED

TO BE REDUCED TO 1/300 PROVIDED AT

LEAST 40 PERCENT AND NOT MORE THAN

50 PERCENT OF THE REQUIRED VENTING

LOCATED IN THE UPPER PORTION OF THE

MORE THAN 3 FEET BELOW THE RIDGE OR

HIGHEST POINT OF THE SPACE, MEASURED

VERTICALLY, WITH THE BALANCE OF THE

SQUARE FEET

SQUARE FEET

SQUARE FEET

SQUARE FEET

VENTILATION

EAVE VENTILATION

RIDGE OR ROOF EXHAUST

REQUIRED

TOTAL ATTIC / 150 =

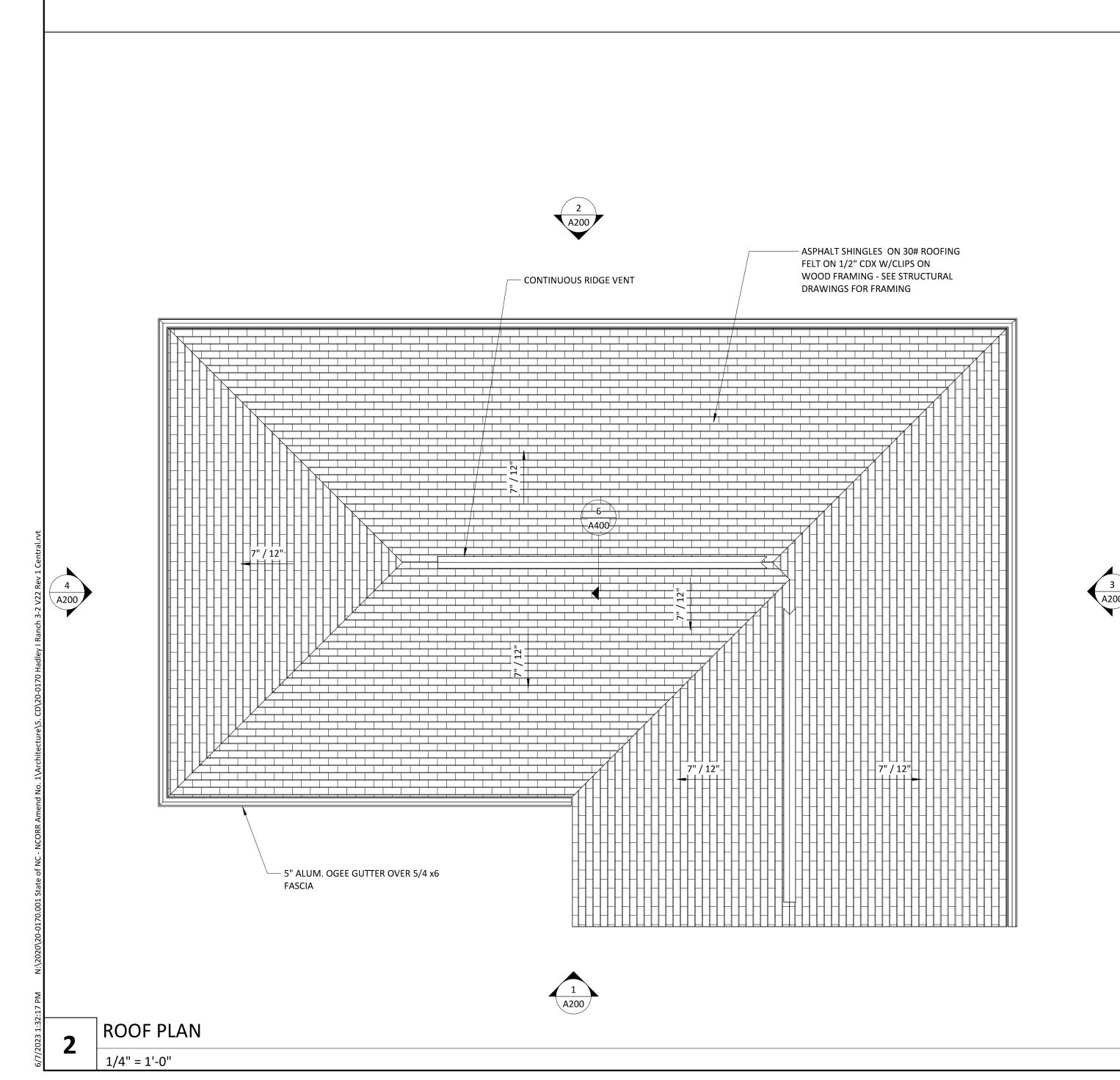
NET FREE AREA VENTILATION

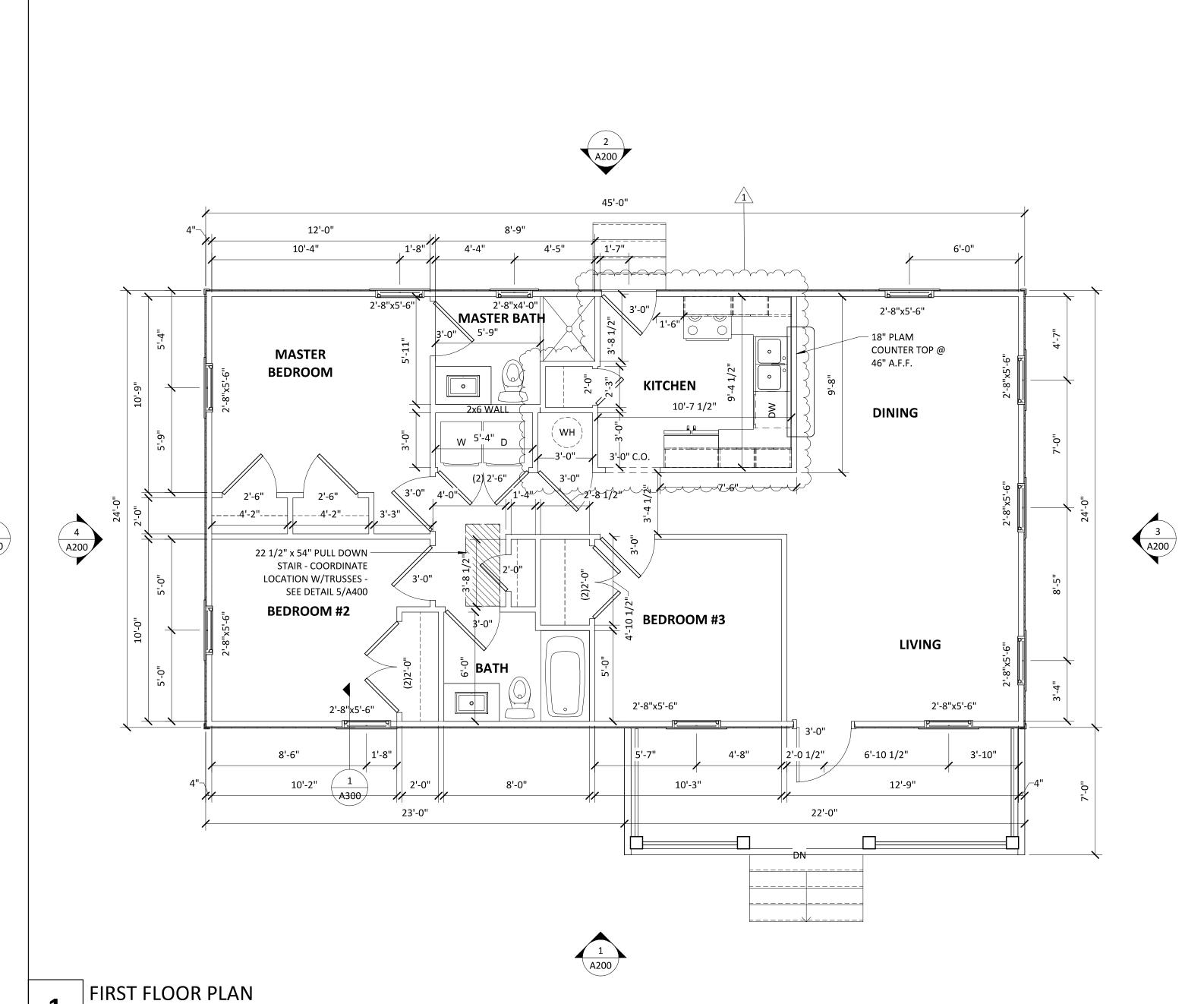
VENTILATION PROVIDED BY EAVE OR

AREA IS PROVIDED BY VENTILATORS

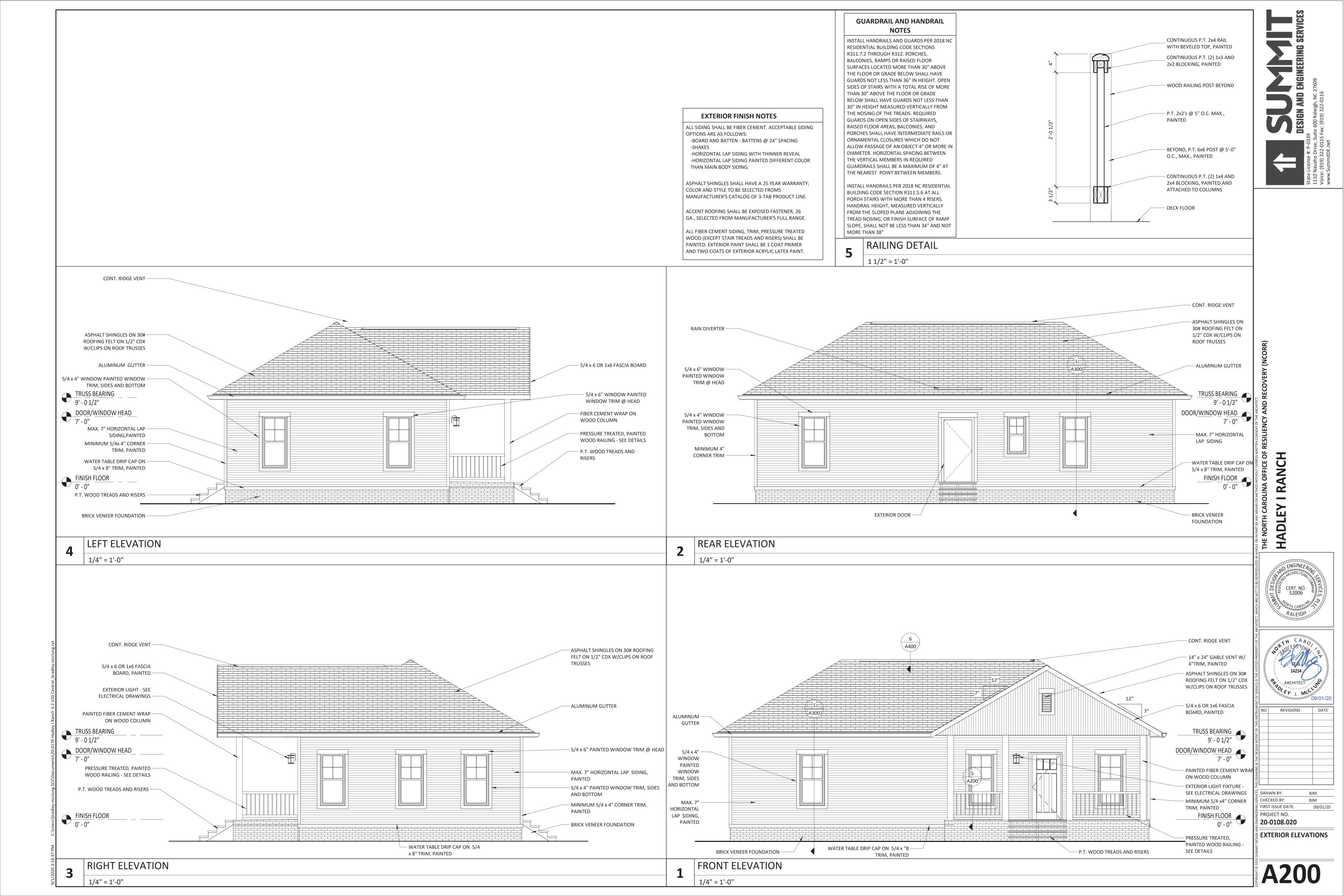
VENTILATORS SHALL BE LOCATED NOT

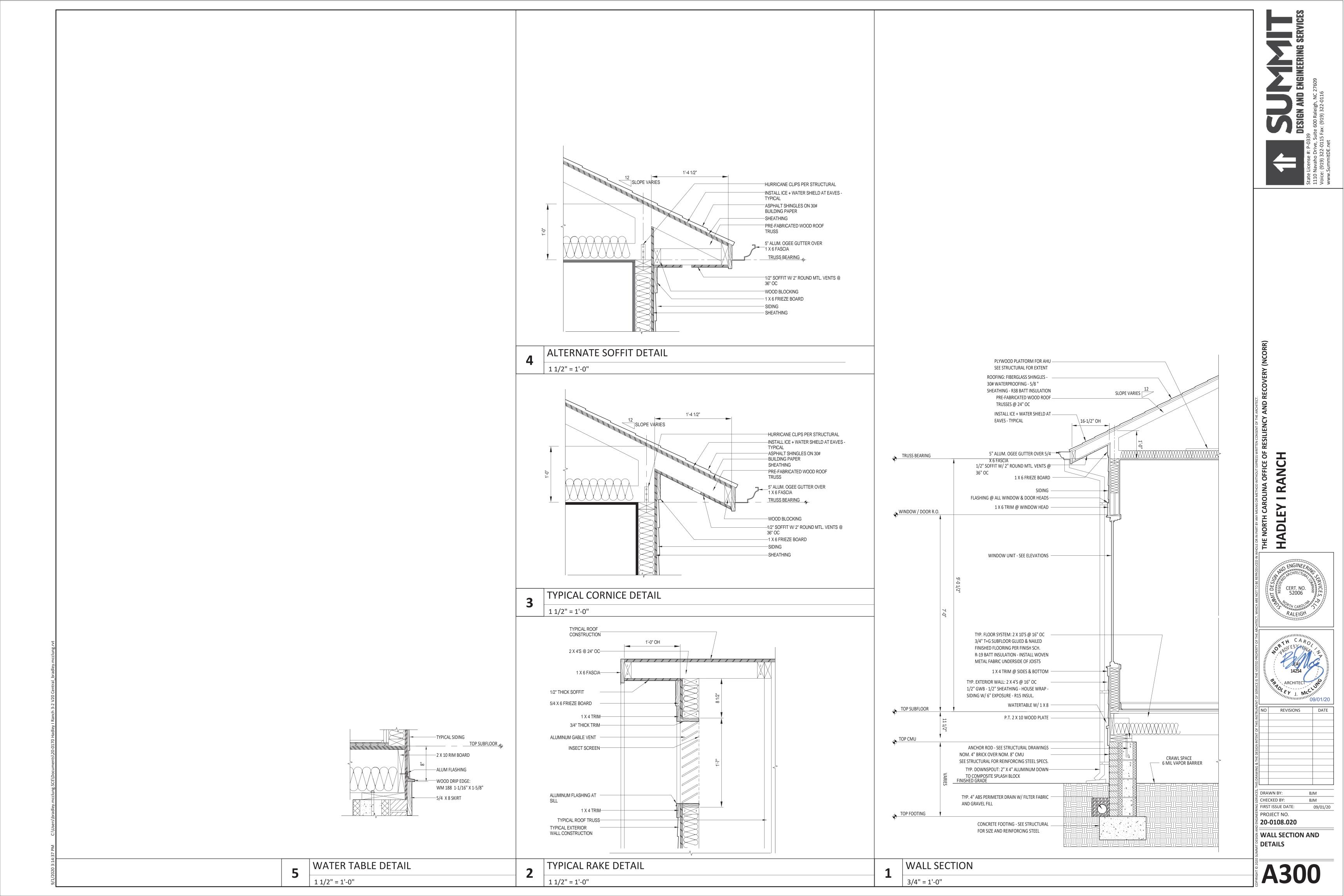
ATTIC OR RAFTER SPACE. UPPER

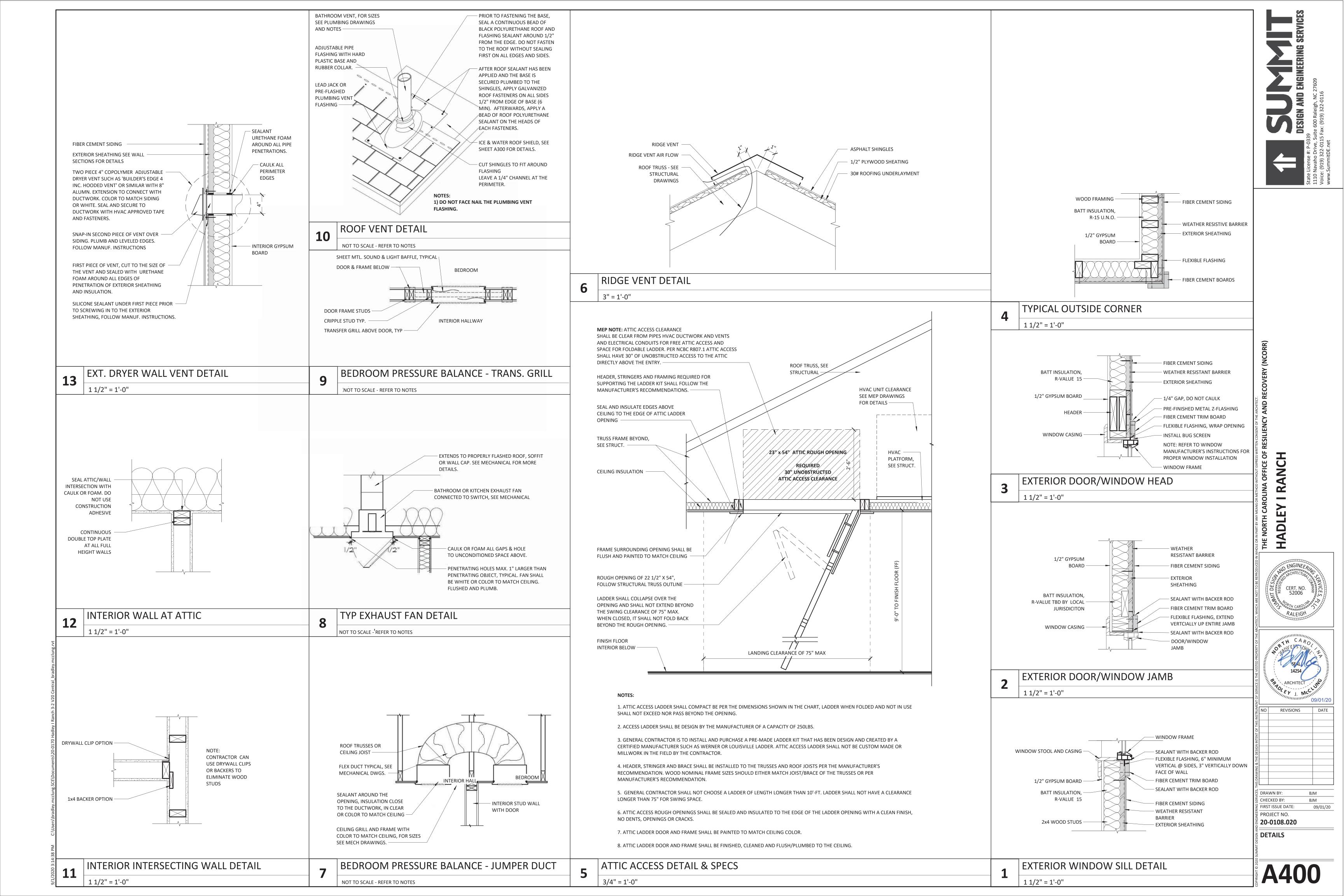




DATE REVISIONS Revision 1 -WH Tank 6/6/2023 DRAWN BY: CHECKED BY: FIRST ISSUE DATE: PROJECT NO. **20-0108.020** g FLOOR PLAN, ROOF PLAN, AND NOTES







ADA NOTES:

- 1. INSIDE CLEAR DIMENSIONS SHOWN ARE AS REQUIRED TO MEET HANDICAPPED CLEARANCE CRITERIA. COORDINATE STUD/SUBSTRATE DIMENSIONS WITH WALL TYPES SHOWN ON FLOOR PLAN.
- 2. PROVIDE FRT WOOD BLOCKING IN WALL BEHIND ALL WALL MOUNTED TOILET ACCESSORIES & EQUIPMENT. VERIFY MOUNTING HEIGHTS OF ALL OWNER MOUNTED EQUIPMENT WITH OWNER REPRESENTATIVE.

3. GRAB BARS TO BE BOBRICK BY LENGTH INDICATED ON DRAWINGS AND TO MEET 609 OF ANSI 2010

- 4. THE RESTROOM LAYOUT IS BASED ON AND COMPLIES WITH THE "AMERICAN WITH DISABILITIES ACT" LATEST REGULATIONS. PLEASE NOTE THE FOLLOWING SECTIONS:
- SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS NO MORE THAN 44" (1120mm) ABOVE THE FLOORS. 4.19.4 EXPOSED PIPES AND SURFACES. HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT
- AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

4.16.5 FLUSH CONTROLS. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC AND SHALL COMPLY WITH 4.27.4. CONTROLS FOR FLUSH VALVES

4.19.5 FAUCETS. FAUCETS SHALL COMPLY WITH 4.27.4. LEVER-OPERATED PUSH-TYPE, AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.

WATER CLOSETS: HEIGHT OF WATER CLOSET SHALL BE 17 INCHES TO 19 INCHES MEASURED TO THE TOP OF THE TOILET SEAT PER ACCESSIBILITY 609 TO BE LOCATED 16 INCHES MIN. AND 18 INCHES MAX. FROM SIDE WALL.

MIRRORS: SHALL BE MOUNTED WITH BOTTOM EDGE OF THE REFLECTING SURFACE NO HIGHER THAN 40 INCHES A.F.F. AND STANDING CENTER TO THE VANITY LAVATORY AT A HEIGHT OF 36" WITH STAINLESS STEEL FRAMING

4.26.2 GRAB BARS. OUTSIDE DIAMETER - MIN 1 1/4", MAX 1 1/2", SPACE BETWEEN WALL AND GRAB BAR - 1 1/2" A. GRAB BAR TO BE MOUNTED HORIZONTALLY AT A HEIGHT OF 33 INCHES A.F.F. MIN. AND 36 INCHES A.F.F. MAX. B. A HANDRAIL OR GRAB BAR AND ANY WALL OR OTHER SURFACE ADJACENT TO IT SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS & EDGES. C. GRAB BARS STRUCTURAL STRENGTH PER ACCESSIBILITY CODE NC 609 AND ANSI 604. 15. PROVIDE BACKER PLATES IN BETWEEN PARTITIONS FOR H.C. GRAB BARS AND COMPLY WITH FBC ACCESSIBILITY 609.***

4.27.4 OPERATION. CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBF (222 N).

DOORS WHEN HOUSE HOLD NEEDS TO BE ADA COMPLIANT: DOOR HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED 34 INCHES MIN. AND 48 INCHES MAX ABOVE FINISHED FLOOR.

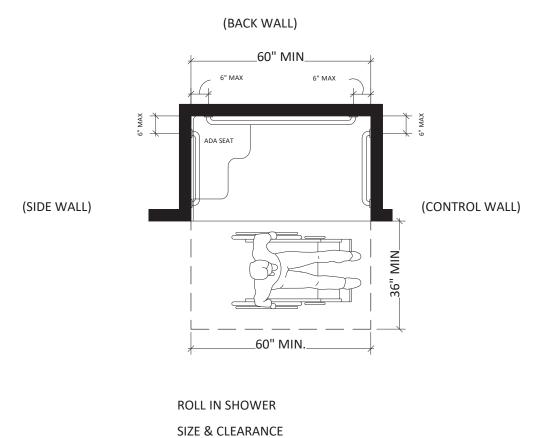
ALL DOORS SHALL BE OPERATED BY A SINGLE EFFORT. EXTERIOR SWING DOORS PUSHED OR PULLED OPEN WITH A FORCE NOT EXCEEDING 8.5 LBF. SLIDING OF FOLDING DOORS SHALL BE OPERABLE BY A FORCE NOT EXCEEDING 5 LBF.INTERIOR IN-SWING DOORS SHALL BE OPERABLE BY A FORCE NOT EXCEEDING 5

***ADA STANDARDS MEET WITH THE AMERICANS DISABILITY ACT GUIDELINES AND PER ANSI A117.1 REQUIREMENTS

FRONT APPROACH SWINGING DOOR FRONT APPROACH

DOOR ADA STANDARD DIMENSIONS

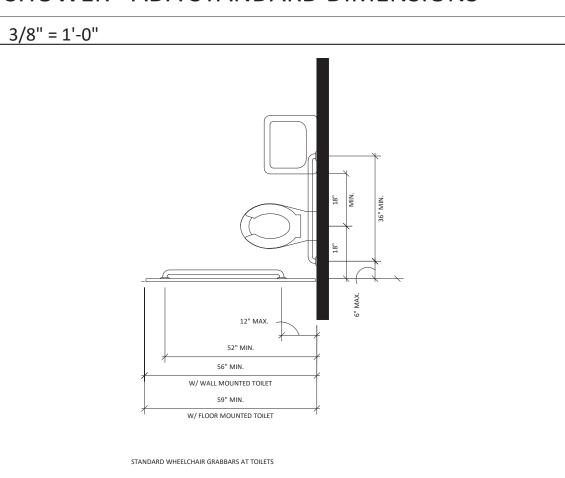
3/8" = 1'-0"



SHOWER - ADA STANDARD DIMENSIONS

TOILET ADA STANDARD DIMENSIONS

3/8" = 1'-0"



LAVATORY IN WHITE SUCH AS KOHLER "CHESAPEAKE" OR SIMILAR. STAINLESS STEEL ADA COMPLIANT COMPATIBLE BETWEEN WOOD STUDS FOR PROPER FRAMING AN SUPPORT OF WALL-MOUNTED SINK. ALL PIPES SHALL BE COVERED AND PROTECTED WITH A ADA COMPLIANT LAVATORY SHIELD OR ADA COMPLIANCE WRAP COVERS FOR

LAVATORY ADA STANDARD DIMENSIONS

3/8" = 1'-0"

19" MAX.

CLEAR FLOOR SPACE AT LAVATORY

48" MIN.

According to A.D.A. & the Fair Housing Act Design Manual the following mounting heights apply: Receptacles inside units

 Receptacles in kitchen above counter Telephone outlets standard Telephone outlets in kitchen above counter

 Telephone outlets in kitchen not over counter A/C thermostats Switches standards

 Switches in kitchen above counter Switches & receptacles in baths above countertops

 TV outlets standard Strip lights in bathrooms

 Bracket lights outside Bracket lights in public areas Fire alarm pull stations

1'-3" A.F.F. (to the CL of the lowest receptacle

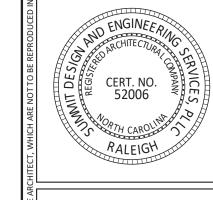
minimum) 3'-10" A.F.F. (to the CL of the highest receptacle maximum) 1'-3" A.F.F. (min. to the CL of outlet)

3'-10" A.F.F. (max. to the CL of outlet 4'-0" A.F.F. (max. to the CL of outlet) 4'-0" A.F.F. (max. to the CL of outlet) 4'-0" A.F.F. (max. to the CL of outlet) 3'-10" A.F.F. (max. to the CL of outlet

3'-6" A.F.F. 1'-3" A.F.F. (min. to the CL of outlet)

6'-6" A.F.F 6'-8" A.F.F. (min. to the bottom of fixture)

(min. to the bottom of fixture for 6'-8" A.F.F. objects protruding more than 4") 4'-0" A.F.F. (max. to the CL of outlet)



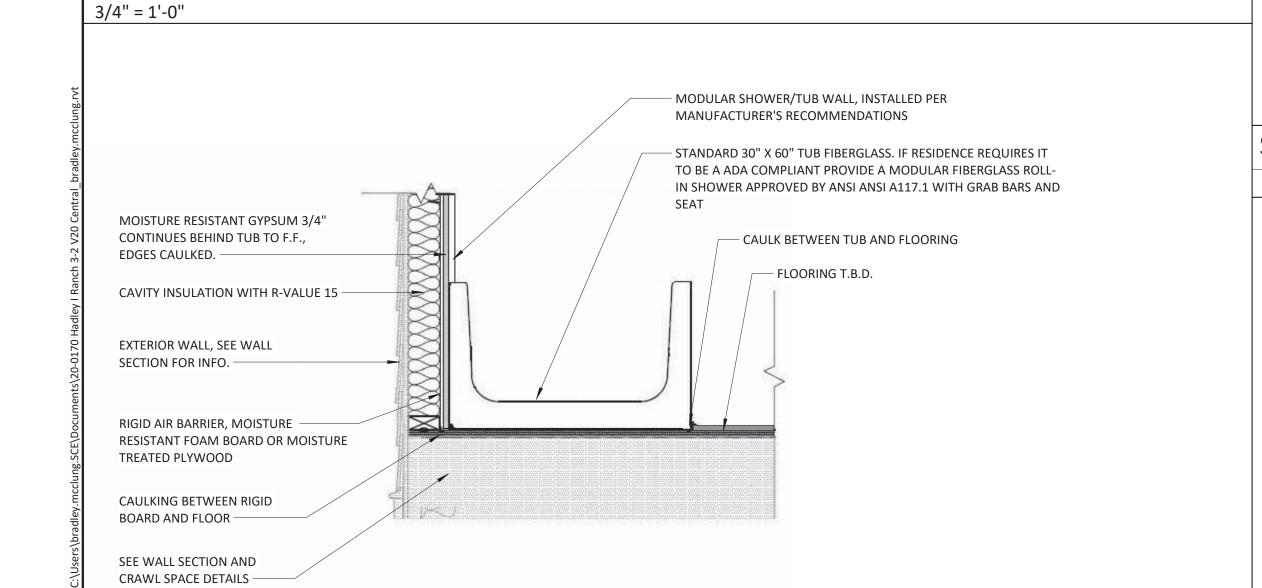


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MISC NOTES

BATHROOM DETAILS &



EDGE OF DRYER TO CL OF VENT

PARTITION WALL -

NOTE:

ANSI A117.1

WHEN THE HOUSEHOLD IS REQUIRED TO BE ADA COMPLIANT WASHER AND DRYER SHALL BE FRONT

MACHINES TO ALIGN WITH OUTLETS, VENTS AND

LOADING ONLY AS APPROVED BY

– NOTE: WASHING MACHINE BOX SHALL BE FIRE RATED AT ALL FIRE RATED WALLS.

ELEVATION VIEW

APPLY DETAIL 2/A9.31

WASHER

F.F. VARIES -

WASHER DRYER DETAIL

TUB WALL DETAIL

1" = 1'-0"

BUILDING CODE: SNOW LOAD:

NORTH CAROLINA STATE BUILDING CODE: RESIDENTIAL CODE, 2018 EDITION IMPORTANCE FACTOR (Is):

GROUND SNOW LOAD (Pg): 20 PSF TERRAIN CATEGORY: EXPOSURE FACTOR (Ce): 1.0 THERMAL FACTOR (Ct): WIND LOAD: OCCUPANCY CATEGORY

BASIC WIND SPEED: UP TO 150 MPH **EXPOSURE CATEGORY:** CALCULATED PER ASCE 7-10 COMPONENTS & CLADDING: SEISMIC LOAD:

SITE CLASS: SEISMIC DESIGN CATEGORY: LIVE LOADS: 20 PSF ROOF (MINIMUM): 40 PSF FLOOR: BALCONY / DECK: 60 PSF

IMPORTANCE FACTOR (Is):

GENERAL NOTES:

STRUCTURAL MEMBERS, INCLUDING BEAMS, COLUMNS, JOISTS, TRUSSES, WALLS, SLABS AND BRACING ELEMENTS, ARE DESIGNED FOR THE FINAL DESIGN LOADS GIVEN ON THIS SHEET. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SHORING AND BRACING, AS REQUIRED. SHORING IS TO BE DESIGNED TO PRECLUDE OVERSTRESSING OF ANY STRUCTURAL ELEMENT (AS REQUIRED AT ANY STAGE OF CONSTRUCTION) UNTIL COMPLETION OF THIS PROJECT.

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ON-SITE SAFETY. AT A MINIMUM, THE CONTRACTOR IS TO RESEARCH AND IMPLEMENT ALL SAFETY REGULATIONS IN FORCE IN THE JURISDICTION OF THIS PROJECT. PRIOR TO THE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL BRING TO THE ATTENTION OF THE STRUCTURAL ENGINEER ANY STRUCTURAL DETAIL THAT WOULD PRODUCE AN UNSAFE CONDITION.

FOUNDATIONS

1. ALL FOUNDATION WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE 2018

NORTH CAROLINA RESIDENTIAL BUILDING CODE, CHAPTER 4. 2. THE BUILDING STRUCTURE IS DESIGNED FOR SUPPORT OF SPREAD AND STRIP FOOTINGS WITH AN ASSUMED ALLOWABLE NET SOIL BEARING PRESSURE OF 2000

PSF ON UNDISTURBED SOILS OR FILL COMPACTED TO 98% MAXIMUM DRY DENSITY. 3. ALL EXTERIOR FOUNDATIONS SHALL EXTEND BELOW THE FROST DEPTH SPECIFIC

4. CRAWL SPACE VENTS SHALL BE 8"X16" MINIMUM AND SHALL BE LOCATED WITHIN 3 FEET OF EACH BUILDING CORNER. CRAWL SPACE DOOR MAY SERVE AS A VENT.

INSTALL A 6-MIL POLY VAPOR BARRIER CRAWL SPACE LINER.

CONCRETE

1. ALL CONCRETE WORK SHALL COMPLY WITH THE SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS, ACI-301 AND THE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI-318.

2. ALL REINFORCING STEEL IS TO BE TIED TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT. TACK WELDING OF REINFORCING STEEL IS PROHIBITED. 3. ALL REINFORCING STEEL IS TO BE CONTINUOUS. AT SPLICE, REINFORCING STEEL

SHALL BE LAPPED A MINIMUM OF 38 BAR DIAMETERS (#6 AND SMALLER) OR 48 BAR DIAMETERS (#7 AND LARGER). 4. ALL INTERESECTING STRIP FOOTINGS SHALL HAVE CORNER BARS. 5. TYPICAL REINFORCING CLEAR COVER SHALL CONFORM TO ACI-318.

CONCRETE BLOCK MASONRY

1. ALL MASONRY WORK SHALL COMPLY WITH THE SPECIFICATIONS FOR MASONRY STRUCTURES, ACI 530.1 AND THE BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES, ACI 530.

2. HOLLOW MASONRY UNITS SHALL CONFORM TO ASTM C90, LIGHTWEIGHT, WITH A MIMIMUM COMPRESSIVE STRENGTH f'm = 1500 PSI ON THE NET BLOCK AREA. 3. MORTAR SHALL CONFORM TO ASTM C270 CEMENT TYPE M OR S. MINIMUM

COMPRESSIVE STRENGTH TO BE 2000 PSI.

4. MASONRY GROUT SHALL CONFORM TO ASTM C476 WITH A MAXIMUM AGGREGATE SIZE OF 3/8". MINIMUM COMPRESSIVE STRENGTH SHALL BE 3000 PSI AT 28 DAYS.

5. REINFORCING STEEL (#3 AND LARGER) SHALL BE LAPPED A MINIMUM OF 72 BAR DIAMETERS

6. ALL BLOCK CELLS SHALL BE FILLED SOLID WITH GROUT WHERE REINFORCING BARS OCCUR.

SAWN LUMBER AND SHEATHING

1. ALL LUMBER WORK SHALL COMPLY WITH THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, ANSI/AWC NDS. 2. ALL MEMBERS SHALL BEAR AN APPROVED GRADE STAMP.

3. ALL DIMENSIONAL LUMBER EXPOSED TO WEATHER OR IN CONTACT WITH MASONRY SHALL BE PRESERVATIVE TREATED. 4. NAILS SHALL BE COMMON WIRE NAILS, UNLESS NOTED OTHERWISE.

5. MULTI-PLY BEAMS SHALL BE FASTENED TOGETHER WITH 8d NAILS @ 16" O.C., T&B, STAGGERED. 6. U.N.O., ALL SHEATHING SHALL BE FASTENED WITH 8d COMMON NAILS AT 6" AND 12"

SPACING FOR EDGE AND FIELD, RESPECTIVELY. WALLS SHALL BE BLOCKED. WALL SHEATHING: 1/2" APA RATED OSB **ROOF SHEATHING:** 1/2" APA RATED OSB 3/4" APA RATED T&G PLYWOOD SUBFLOOR: 7. WALL PANEL HORIZONTAL EDGES SHALL HAVE 8d COMMON NAILS @ 3" O.C.

8. ROOF SHEATHING NAILING AT FIELD SHALL BE REDUCED TO 6" SPACING FOR

STRUCTURAL COMPOSITE LUMBER

MINIMUM 48" DISTANCE FROM RIDGES, EAVES, AND GABLE ENDS.

1. ALL STRUCTURAL COMPOSITE LUMBER WORK SHALL COMPLY WITH THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, ANSI/AWC NDS.

2. ALL MEMBERS SHALL BEAR AN APPROVED GRADE STAMP. 3. STRUCTURAL COMPOSITE LUMBER (SCL) DESIGN IS BASED ON THE FOLLOWING MINIMUM DESIGN PROPERITES: $F_b = 2,600 PSI$ $F_{c\perp}$ = 750 PSI LVL:

 $F_{v} = 285 \, PSI$ E = 1,900 KSI GLULAM: 24F-V5 SP/SP

4. LVL MEMBERS SHALL BE PROTECTED FROM WEATHER ACCORDING TO THEIR MANUFACTURER'S RECOMMENDATIONS. GLULAM BEAMS ARE TO BE PRESERVATIVE TREATED IF THEY ARE EXPOSED TO WEATHER.

PRE-ENGINEERED WOOD TRUSSES

1. ALL PRE-ENGINEERED WOOD TRUSS WORK SHALL COMPLY WITH THE NATIONAL

DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, ANSI/AWC NDS. 2. ALL MEMBERS SHALL BEAR AN APPROVED GRADE STAMP. 3. TRUSS MANUFACTURER SHALL PROVIDE DRAWINGS AND CERTIFIED STRUCTURAL

CALCULATIONS PREPARED AND SEALED BY A QUALIFIED ENGINEER, REGISTERED IN NORTH CAROLINA. MNFR DRAWINGS SHALL INCLUDE AN ERECTION PLAN WITH DETAILS SHOWING ALL REQUIRED TRUSS PLATES, BLOCKING, BRIDGING, CONNECTION MATERIALS AND OTHER ITEMS AS REQUIRED TO PROVIDE A COMPLETE INSTALLATION.

4. CALCULATIONS SHALL CLEARLY INDICATE ALL DESIGN LOADS SHOWN ON THESE DRAWINGS AND OTHER LOADS AS REQUIRED. TRUSSES SHALL BE DESIGNED FOR "IN PLACE" LOADS AND MUST BE DESIGNED TO WITHSTAND ALL FABRICATING, TRANSPORTING, AND ERECTION STRESSES.

5. THE TRUSS PLATE MANUFACTURER SHALL BE A MEMBER OF THE TRUSS PLATE INSTITUTE. THE TRUSS FABRICATOR SHALL PARTICIPATE IN AN APPROVED THIRD PARTY QUALITY ASSURANCE PROGRAM THAT MEETS TRUSS PLATE INSTITUTE

REQUIREMENTS. 6. DESIGN TRUSS TO WITHSTAND LOADS SHOWN ON DRAWING WITHOUT

DEFLECTIONS GREATER THAN L/360 FOR FLOOR TRUSSES AND L/240 FOR ROOF

7. TRUSSES SHALL BE DESIGNED FOR THE FOLLOWING SERVICE LOADS: TOP CHORD LIVE: TOP CHORD COLLATERAL: 15 PSF BOT CHORD COLLATERAL: 10 PSF

BY TRUSS MNFR

ASTM A307

CALCULATED BY TRUSS MNFR PER ASCE 7-10

MATERIALS

BOLTS (WOOD FRAMING): BOLTS (ANCHOR):

WIND LOADS:

TRUSS SELF WEIGHT:

ASTM F1554 GRADE 36 METAL DECKING: ASTM A653 GRADE 80 (GALV 60) REINFORCING STEEL GENERAL REINFORCING: ASTM A615, $f_v = 60 \text{ KSI}$ WELDED WIRE FABRIC: ASTM A185, IN FLAT SHEETS

3. <u>CONCRETE</u> FOOTINGS:

WALL STUDS:

f'c = 3000 PSI, NORMAL-WEIGHT SLAB-ON-GRADE: **ELEVATED SLABS:** 4. <u>DIMENSIONAL LUMBER</u>

f'c = 3000 PSI, NORMAL-WEIGHT

f'c = 3000 PSI, LIGHTWEIGHT (110 PCF MAX)

JOISTS, RAFTERS, & GIRDERS: SPF NO.2 OR BETTER SPF NO.2 OR BETTER

HEADER SCHEDULE JACK STUDS KING STUDS MAX OPENING SIZE

4' - 0"	(2) 2X8	2X4	(2) 2x4		
6' - 8"	(2) 2X10	(2) 2X4	(3) 2x4		
FACE MOUNTED HANGER SCHEDU					

SIZE	SIMPSON PART NO.	SIZE	SIMPSON PART NO.
2x6	LUS26	2x10	LUS210
(2) 2x6	LUS26-2	(2) 2x10	HUS210-2
(3) 2x6	LUS26-3	(3) 2x10	HUS210-3
2x8	LUS28	2x12	LUS210
(2) 2x8	LUS28-2	(2) 2x12	HUS212-2
(3) 2x8	LUS28-3	(3) 2x12	HUS212-3
'		'	

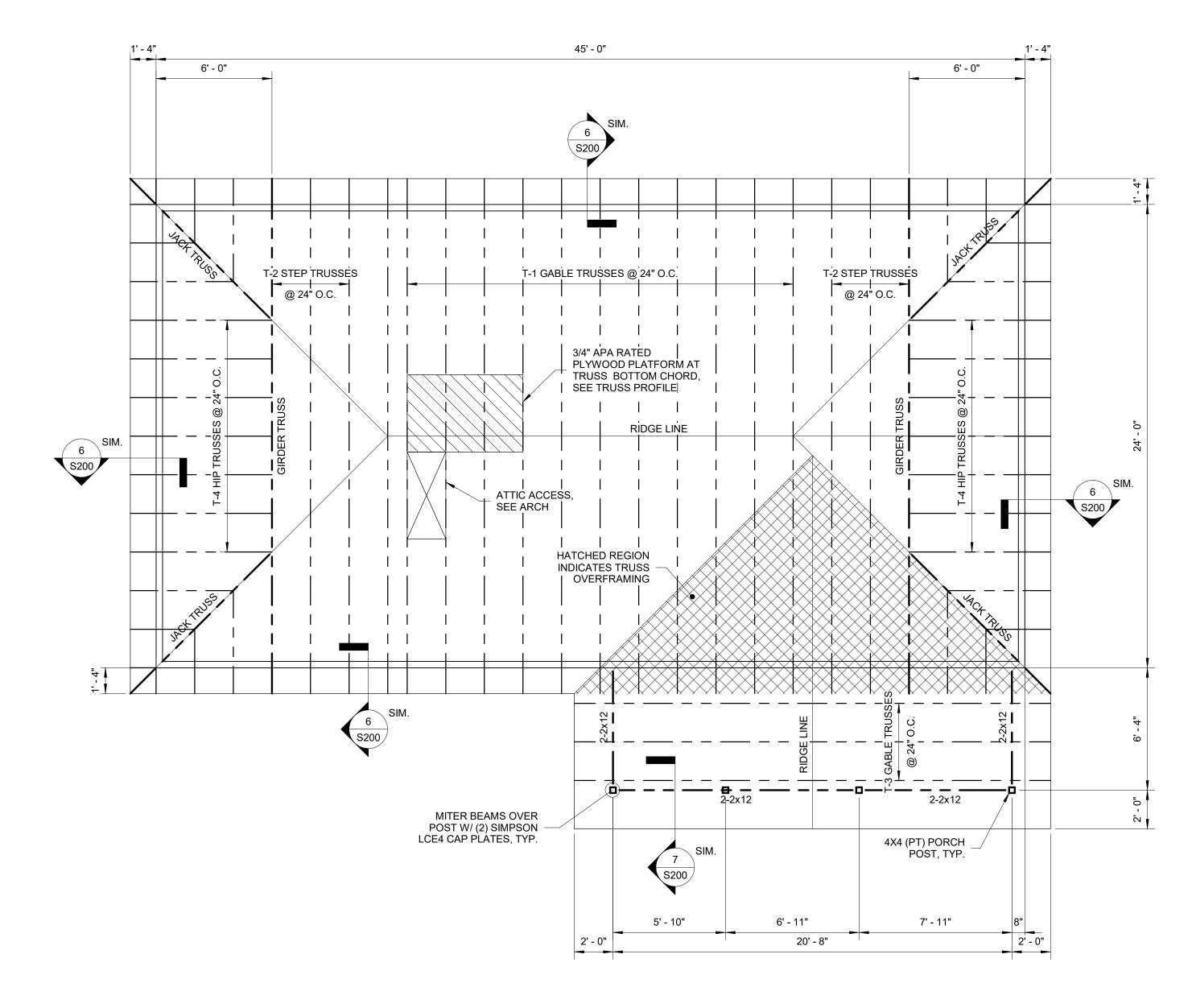
CRAWL SPACE VENT CALCS: CRAWL SPACE W/ VAPOR BARRIER REQUIRES 1 SF VENT AREA PER 1500 SF CRAWL SPACE AREA

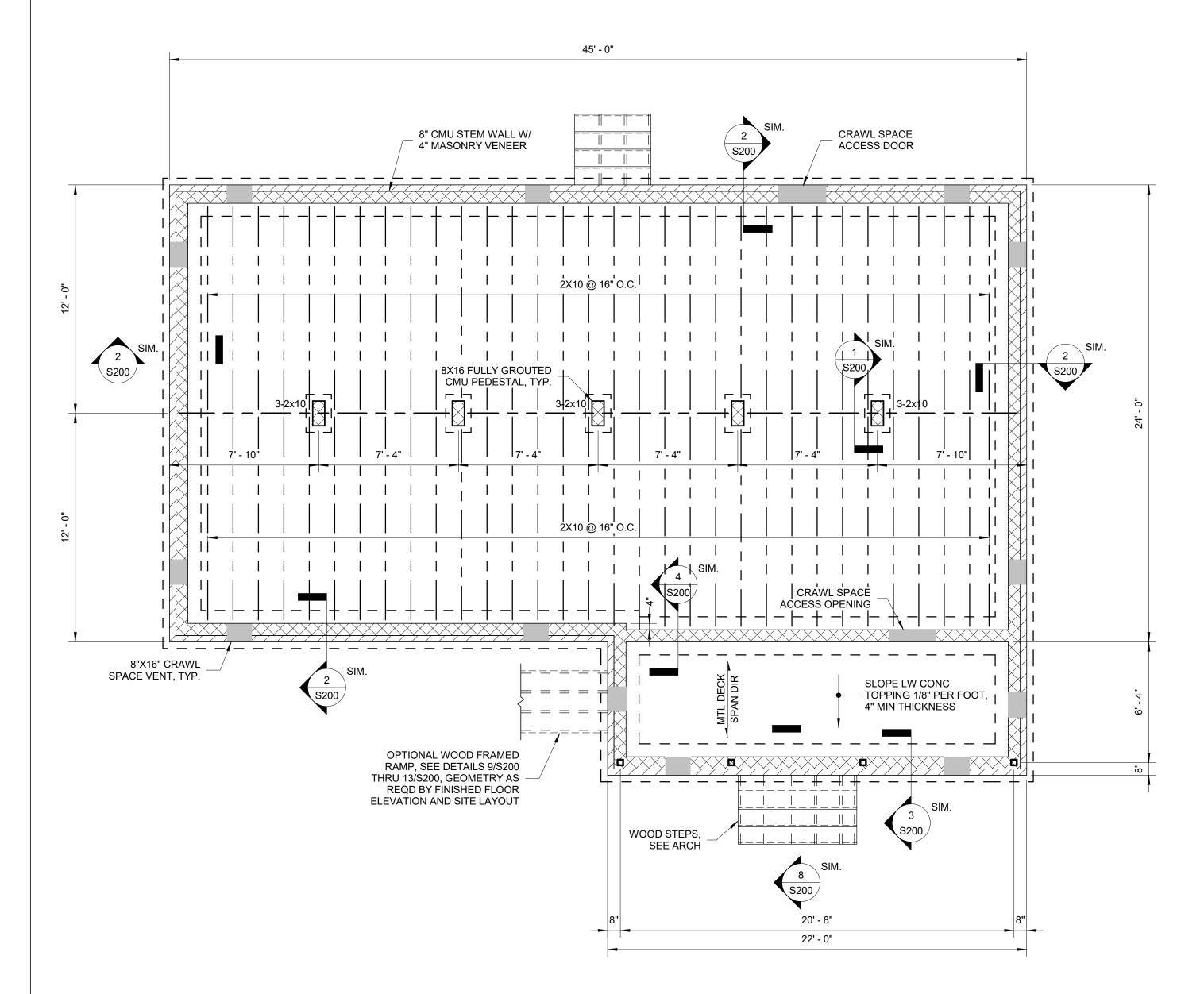
1100 SF CRAWL SPACE /1500 SF = 0.73 SF VENT AREA

 $0.73 \text{ SF X } 144 \text{ IN}^2/\text{SF} = 105 \text{ IN}^2$

8"X16" VENTS W/ 50% FREE AIR SPACE = 64 IN2 FREE AIR PER VENT

105 IN² /64 IN² = 2 VENTS REQUIRED -> 13 VENTS PROVIDED





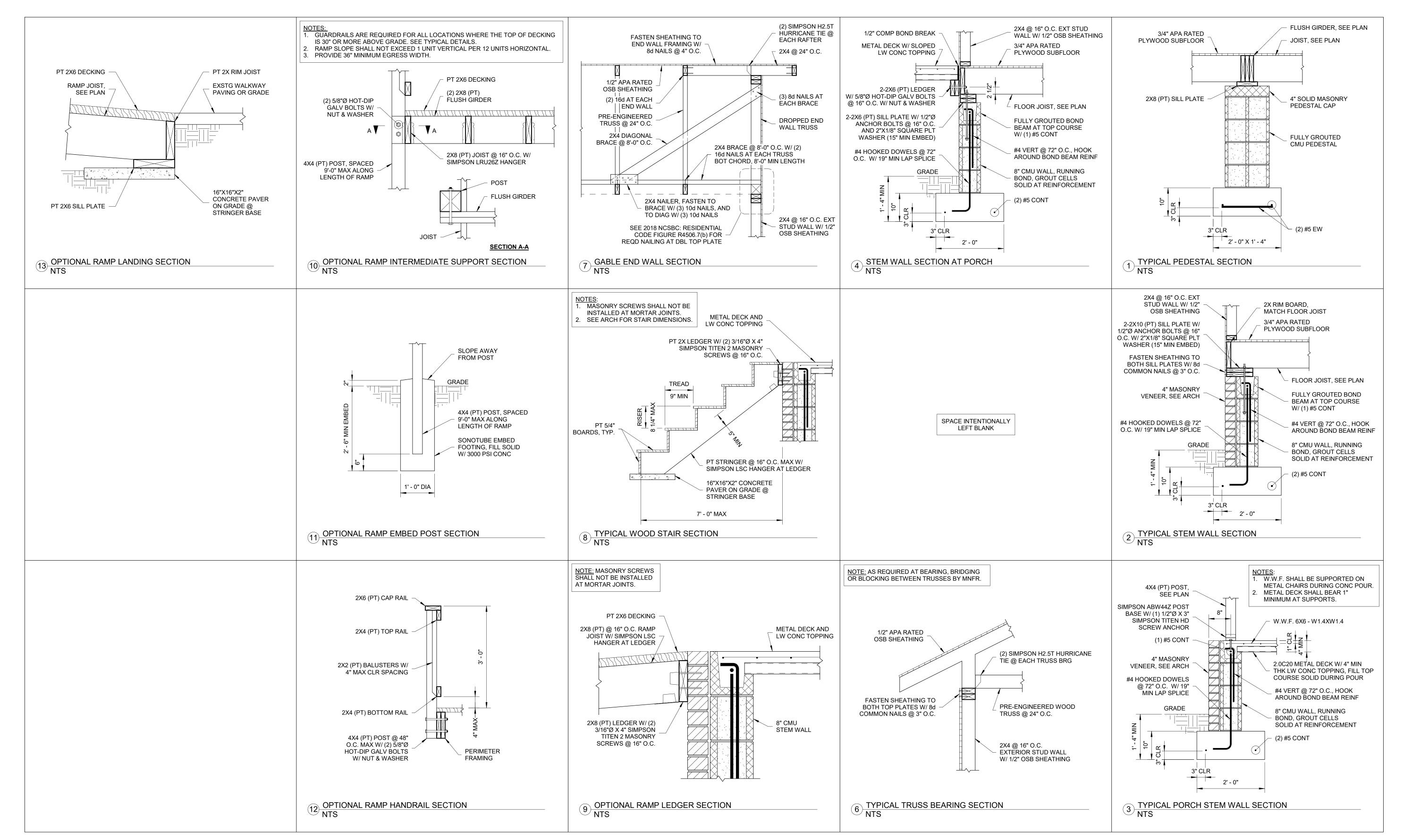
2 ROOF FRAMING PLAN
1/4" = 1'-0"

GENERAL NOTES &

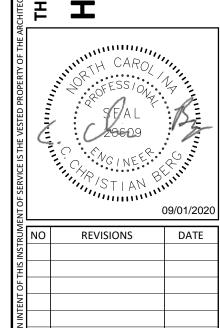
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PLANS

REVISIONS



HADLEY I RANCH



DRAWN BY: SDH
CHECKED BY: JWB
FIRST ISSUE DATE: 09/01/2020
PROJECT NO.
20-0170.400

S200

DETAILS



THE NORTH CAROLINA OFFICE OF RESILIENCY AND RECOVERY (NC HADLEY I RANCH

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TRUSS PROFILES

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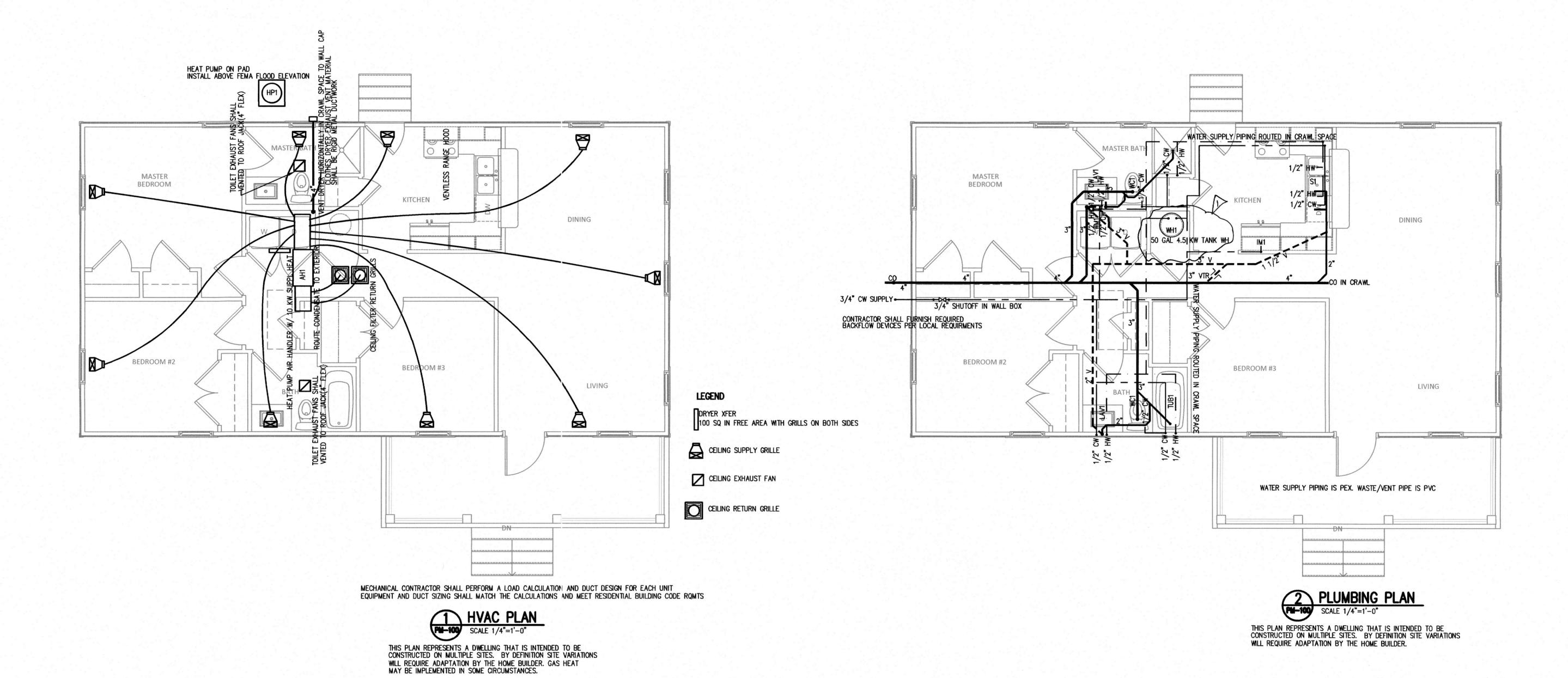
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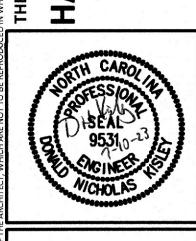
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PME FLOOR PLANS

PM-100



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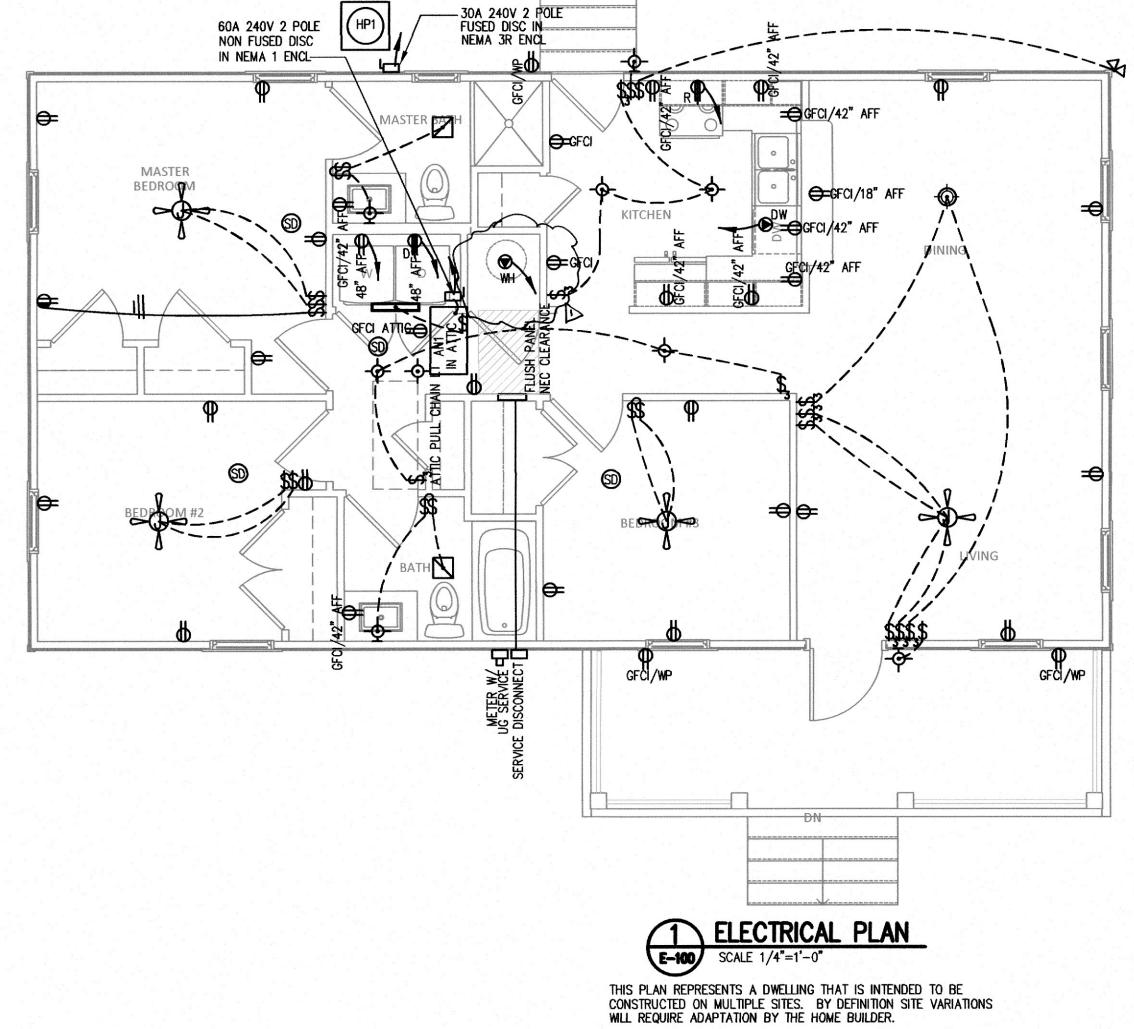
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g PME FLOOR PLANS



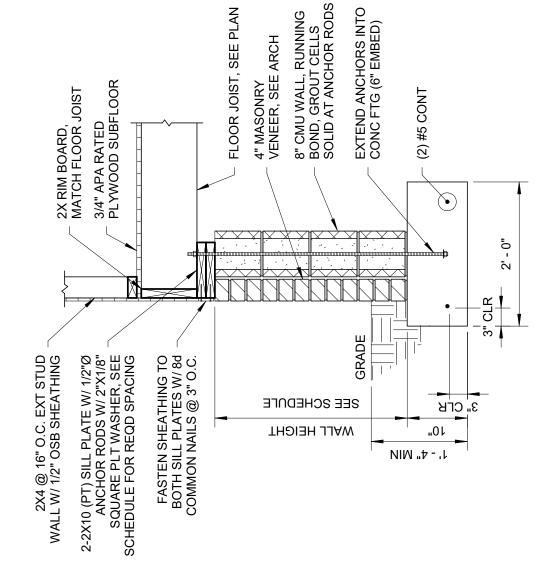
LEGEND ARD WRED APPLIANCE
PROVIDE LOCAL DISCONNECT WHERE REQUIRED SD SMOKE DETECTOR- BUILDING EQUIPPED WITH FULL FIRE ALARM SYSTEM ▲ PREWRED TELE/DATA JACK(CAT 5 CABLE) PREWIRED CABLE TV OUTLET- RJ6 JUNCTION BOX SUITABLE FOR MOUNTING CEILING FAN DUPEX RECP HORIZ= HORIZONTAL IN BACKSPLASH

ALL RECEPTACLES SHALL BE INSTALLED AT 18" AFF
UNLESS NOTED AS "CT" WHICH ARE TO BE INSTALLED

TO SERVE COUNTERTOP SURFACES OR MARKED WITH HEIGHT. \$ SINGLE POLE SWITCH -INSTALL ALL SWITCHES AT 48" UNLESS OTHERWISE NOTED. \$ THREE WAY SWITCH 2' LED CLOSET STRIP \$ SINGLE POLE SLIDE DIMMER_ PENDENT FIXTURE ← FLOOD LIGHT RANGE RECEPTACLE DRYER RECEPTACLE O- SIMPLEX RECP - OVERHEAD FIXTURE FUSE DISCONNECT SWITCH EXH FAN LIGHT COMBO VENT TO EXTERIOR ALL FIXTURES FURNISHED WITH LAMPS
INSTALL AFI AND GFI BREAKERS WHERE REQUIRED BY CODE
WRING METHODS ARE PER THE LATEST EDITION OF NFPA 72(NEC)
ALL CONDUCTORS 30A OR LESS ARE COPPER. FEEDER CONDUCTORS OVER 30A ARE ALUMINUM

ANCHOR ROD SCHEDULE	MAX. SPACING	72"	40"	
ANCHOR RO	WALL HEIGHT	≤ 8-FT	> 8-FT	

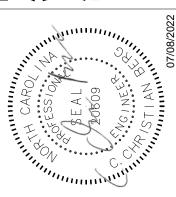
NOTE: WALL NOT TO EXCEED 10-FEET IN HEIGHT.





Raleigh, NC 27609 Voice: (919) 322-0115 Fax: (919) 322-0116 www.SummitDE.net

110 Navaho Drive, Suite 600



ALTERNATE STE WALL SECTION

APPLICABLE TO ALL PROTOTYPE NCORR PLANS.

SHEET

- PR	EM Ma.	_ OR.	CHI
PROJECT NO.:	ISSUE DATE:	DRAWN BY:	CHECKED BY:

JWB CCB

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07/08/2022

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