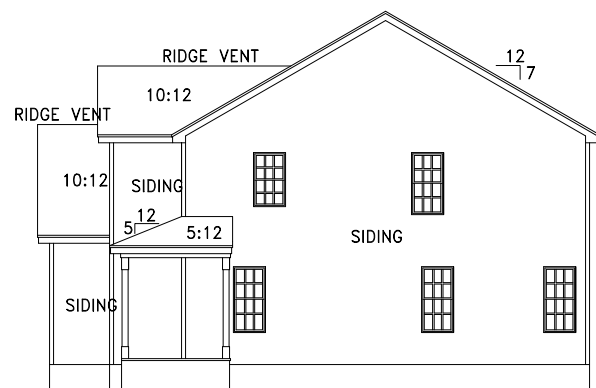
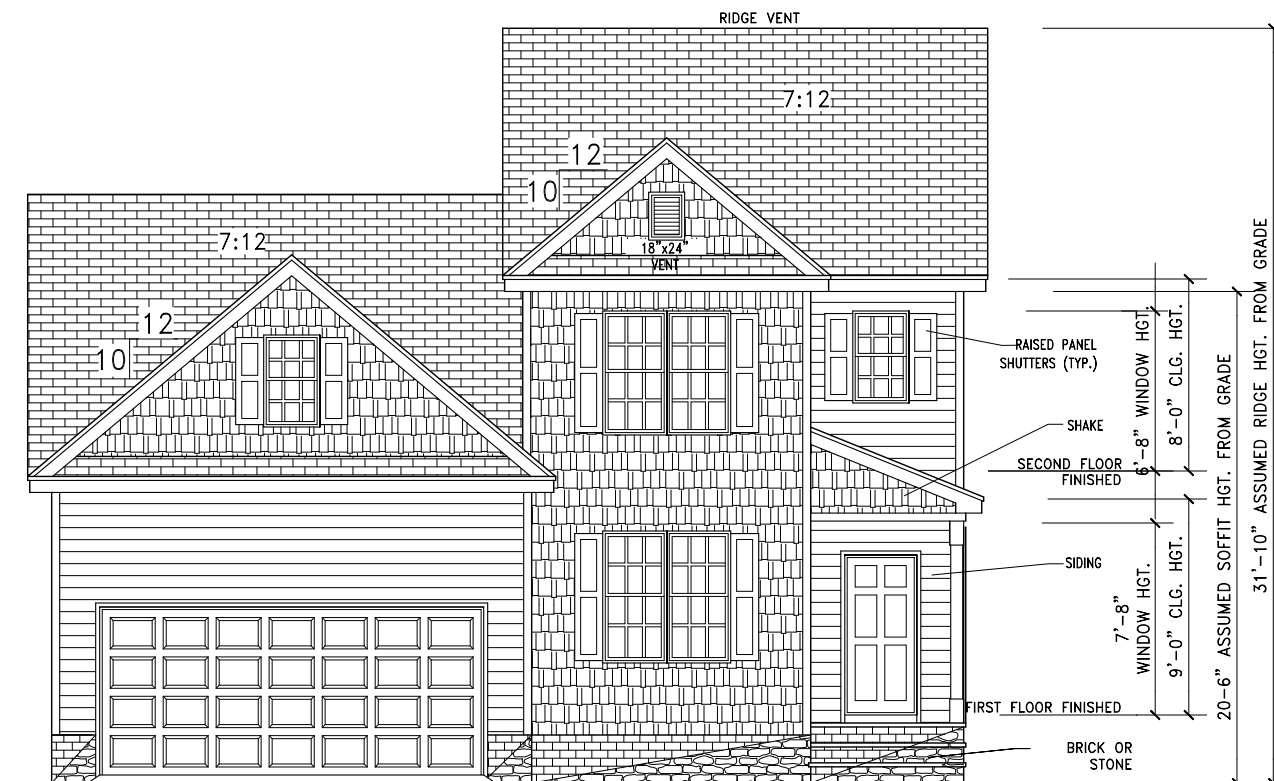




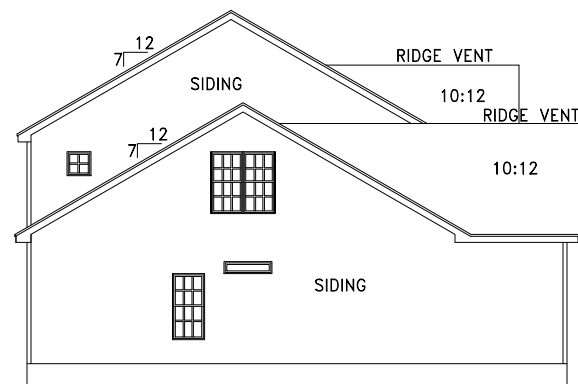
FRONT ELEVATION



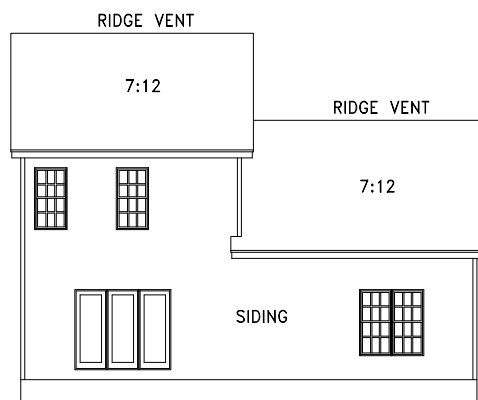
RIGHT ELEVATION  
OPTIONAL PORCH ADDITION



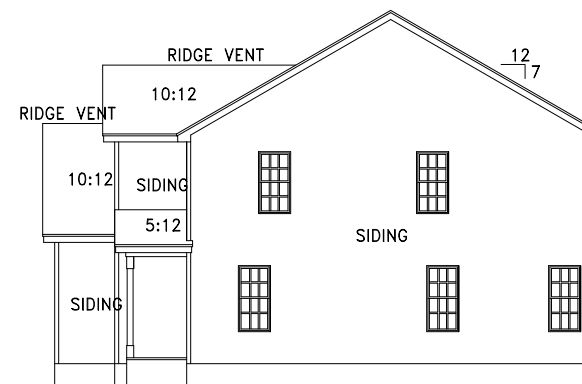
FRONT ELEVATION "A"



LEFT ELEVATION



REAR ELEVATION



RIGHT ELEVATION

ATTIC SPACE VENTILATION	
REQUIRED	
1629	SQ. FT. OF CLG. / 150 = 10.86 SQ. FT. REQUIRED
REFER TO SECTION R806 (ROOF VENTILATION) IN NORTH CAROLINA STATE INTERNATIONAL RESIDENTIAL BUILDING CODES.	

MEAN ROOF HGT.			
Soffit Hgt. From Assumed Grade	+ Highest Ridge Hgt. From Assumed Grade	+ 2	= Mean Roof Hgt.
20'-5"	+ 33'-9"	+ 2	= 27'-1" Mean Roof Hgt.

REVISIONS:

12/04/2020

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ADAMS & HODGE  
ENGINEERING, P.C.



Crawlspace  
Elev. "A"

Furyk

FILE

DESIGN

ADS

DRAWN

ADS

CHECKED

DATE

2/22/21

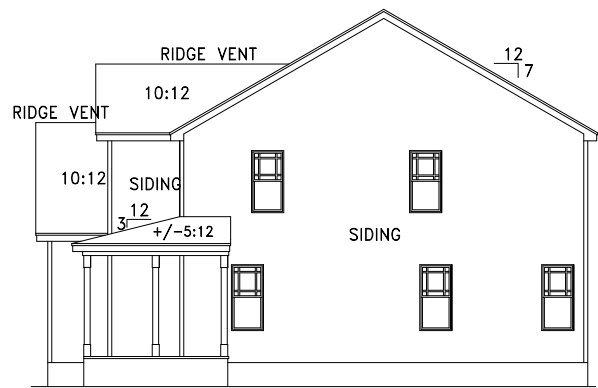
SHEET

1A

SCALE  
24"x36" = 1/4"=1'-0"  
11"x17" = 1/8"=1'-0"



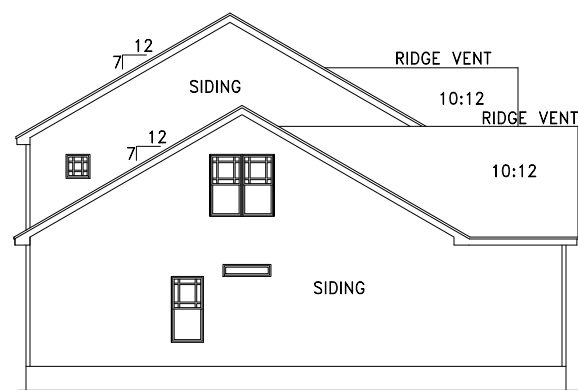
FRONT ELEVATION



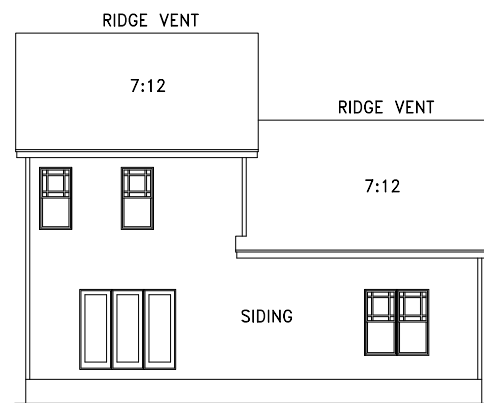
RIGHT ELEVATION  
OPTIONAL PORCH ADDITION



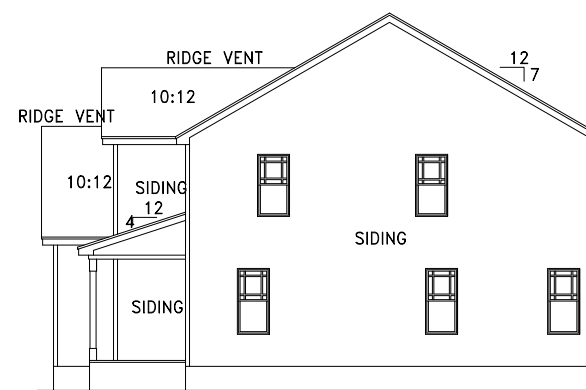
FRONT ELEVATION "B"



LEFT ELEVATION



REAR ELEVATION



RIGHT ELEVATION

ATTIC SPACE VENTILATION

REQUIRED  
 $\frac{1629 \text{ SQ. FT. OF CLG.}}{150} = 10.86 \text{ SQ. FT. REQUIRED}$

REFER TO SECTION R806 (ROOF VENTILATION) IN NORTH CAROLINA STATE INTERNATIONAL RESIDENTIAL BUILDING CODES.

MEAN ROOF HGT.

Soffit Hgt. From Assumed Grade	+ Highest Ridge Hgt. From Assumed Grade	÷ 2	= Mean Roof Hgt.
20'-5"	+ 33'-9"	÷ 2	= 27'-1" Mean Roof Hgt.

SCALE  
 $24" \times 36" = 1/4" = 1'-0"$   
 $11" \times 17" = 1/8" = 1'-0"$

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12/04/2020

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Crawlspace  
 Elev. "B"

Furyk

FILE

DESIGN  
 ADS

DRAWN  
 ADS

CHECKED

DATE

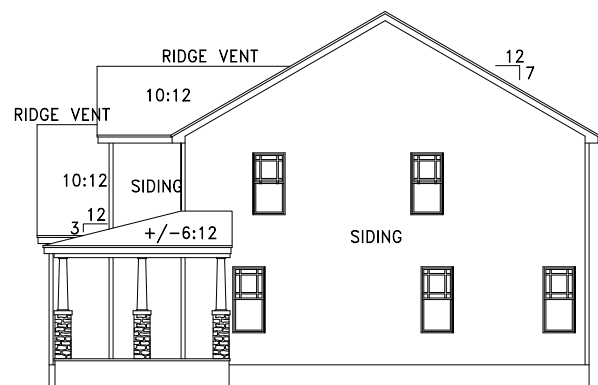
2/22/21

SHEET

1B



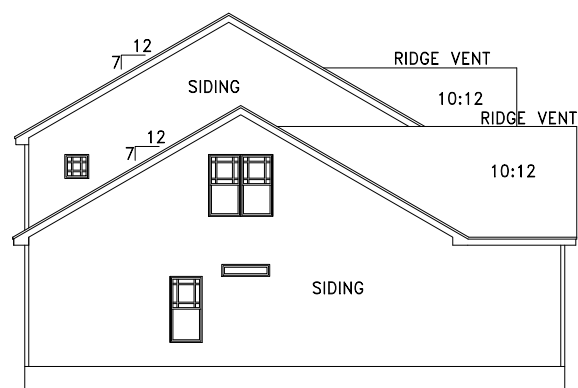
FRONT ELEVATION



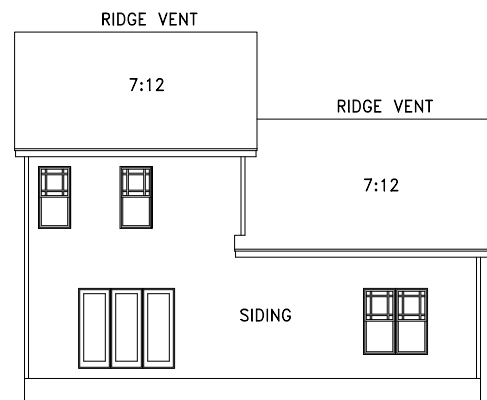
RIGHT ELEVATION



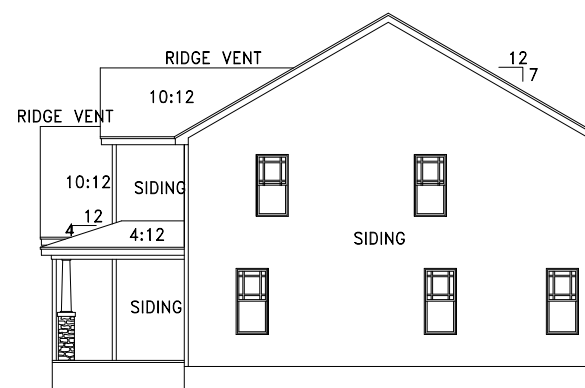
FRONT ELEVATION "C"



LEFT ELEVATION



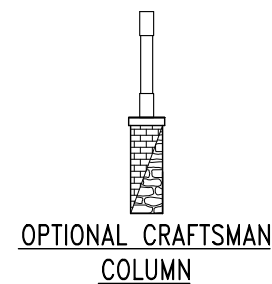
REAR ELEVATION



RIGHT ELEVATION

ATTIC SPACE VENTILATION	
REQUIRED	
1701 SQ. FT. OF CLG. / 150 =	11.34 SQ. FT. REQUIRED
REFER TO SECTION R806 (ROOF VENTILATION) IN NORTH CAROLINA STATE INTERNATIONAL RESIDENTIAL BUILDING CODES.	

MEAN ROOF HGT.			
Soffit Hgt. From Assumed Grade	+ Highest Ridge Hgt. From Assumed Grade	÷ 2	= Mean Roof Hgt.
20'-5"	+ 33'-9"	÷ 2	= 27'-1" Mean Roof Hgt.



OPTIONAL CRAFTSMAN COLUMN

SCALE	
24"X36" = 1/4"=1'-0"	
11"X17" = 1/8"=1'-0"	

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Crawlspace  
Elev. "C"

Furyk

FILE

DESIGN  
ADS

DRAWN  
ADS

CHECKED

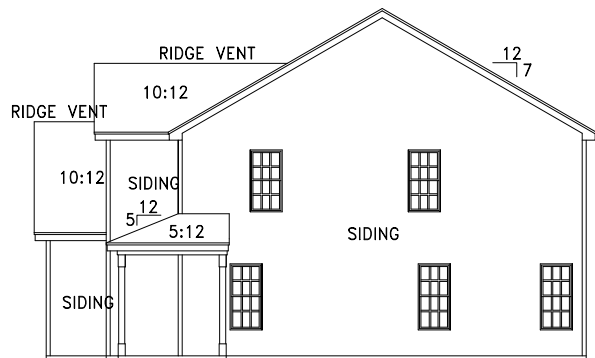
DATE  
2/22/21

SHEET

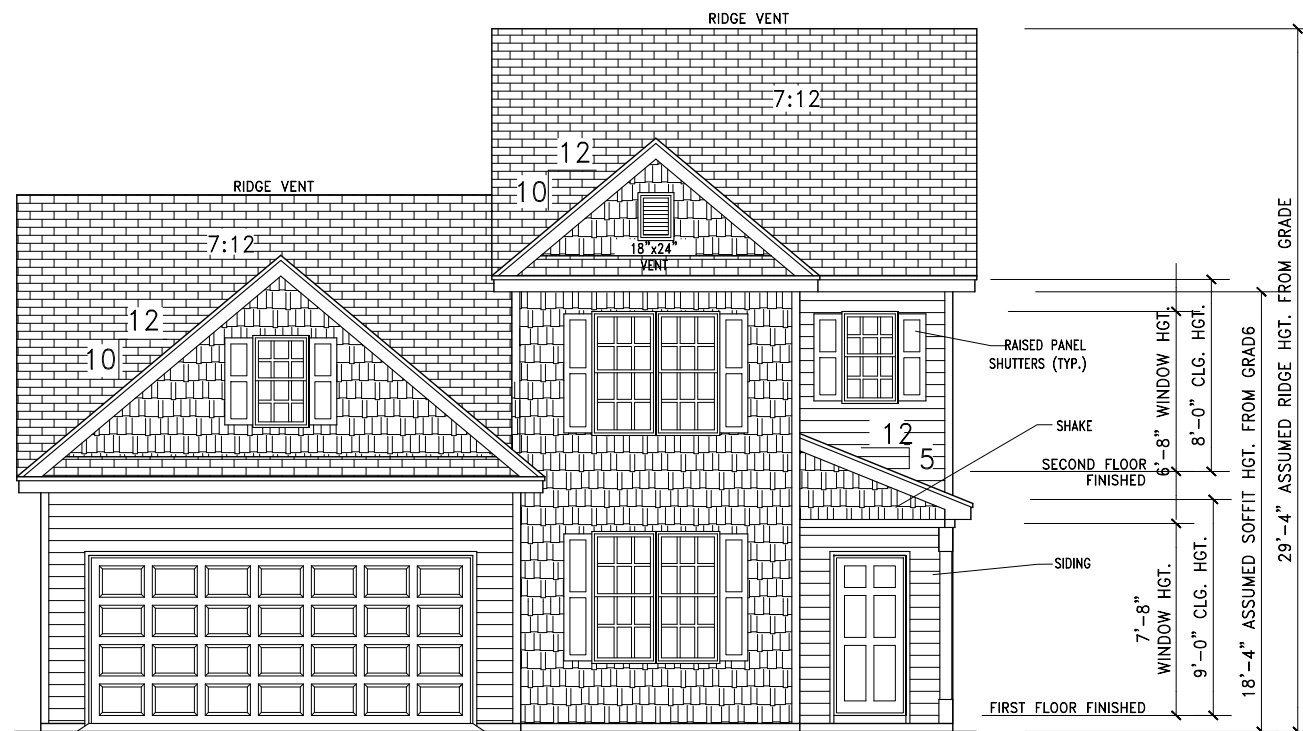
1C



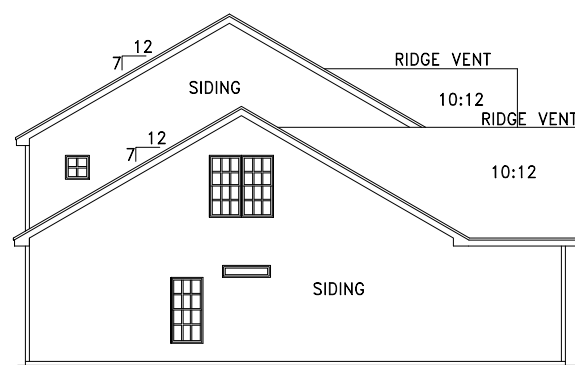
FRONT ELEVATION



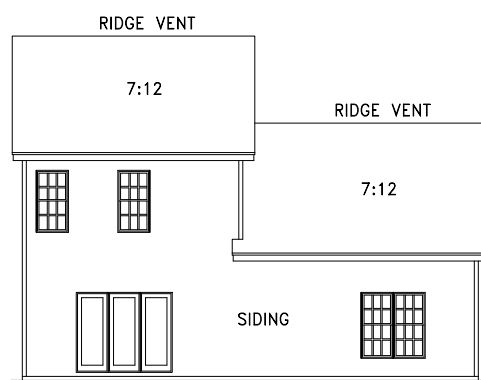
RIGHT ELEVATION  
OPTIONAL PORCH ADDITION



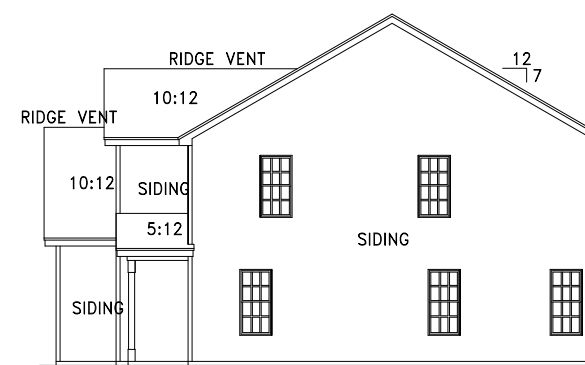
FRONT ELEVATION "A"



LEFT ELEVATION



REAR ELEVATION



RIGHT ELEVATION

ATTIC SPACE VENTILATION	
REQUIRED	
1629 SQ. FT. OF CLG. / 150 =	10.86 SQ. FT. REQUIRED
REFER TO SECTION R806 (ROOF VENTILATION) IN NORTH CAROLINA STATE INTERNATIONAL RESIDENTIAL BUILDING CODES.	

MEAN ROOF HGT.			
Soffit Hgt. From Assumed Grade	+ Highest Ridge Hgt. From Assumed Grade	÷ 2	= Mean Roof Hgt.
17'-11"	+ 31'-3"	÷ 2	= 24'-7" Mean Roof Hgt.

RAISED PANEL SHUTTERS (TYP.)  
 SHAKE  
 SECOND FLOOR FINISHED  
 SIDING  
 WINDOW HGT. 7'-8" CLG. HGT. 9'-0"  
 6'-8" WINDOW HGT. 8'-0" CLG. HGT.  
 29'-4" ASSUMED RIDGE HGT. FROM GRADE  
 18'-4" ASSUMED SOFFIT HGT. FROM GRADE  
 FIRST FLOOR FINISHED

SCALE  
 24"x36" = 1/4"=1'-0"  
 11"x17" = 1/8"=1'-0"

REVISIONS:

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Slab  
 Elev. "A"

Furyk

FILE

DESIGN  
ADS

DRAWN  
ADS

CHECKED

DATE

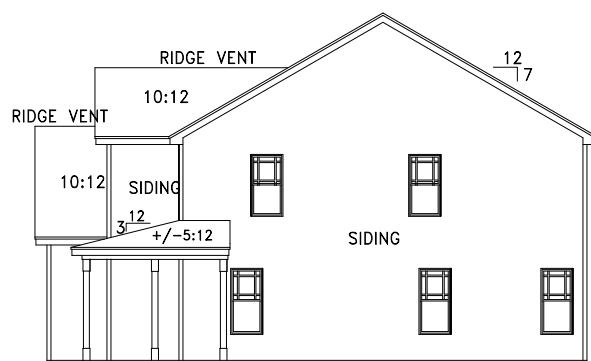
2/22/21

SHEET

1A



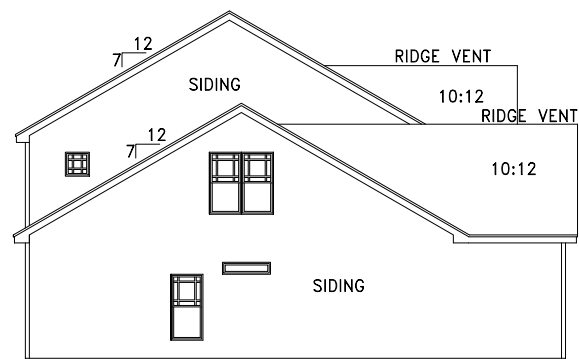
FRONT ELEVATION



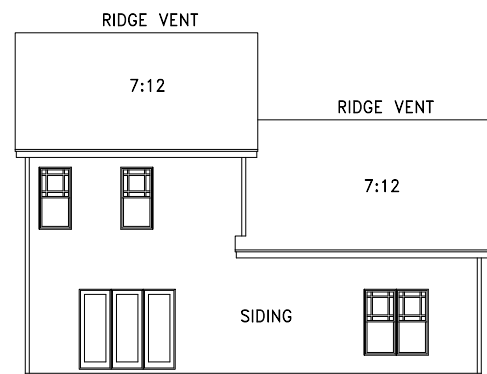
RIGHT ELEVATION  
OPTIONAL PORCH ADDITION



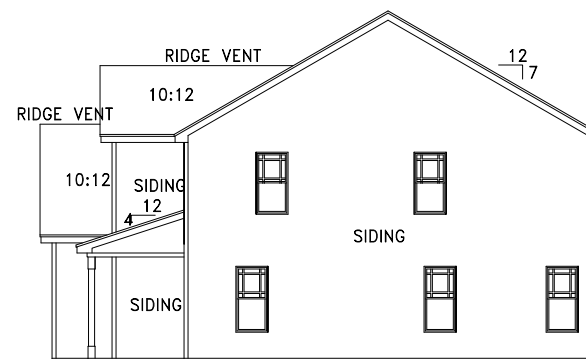
FRONT ELEVATION "B"



LEFT ELEVATION



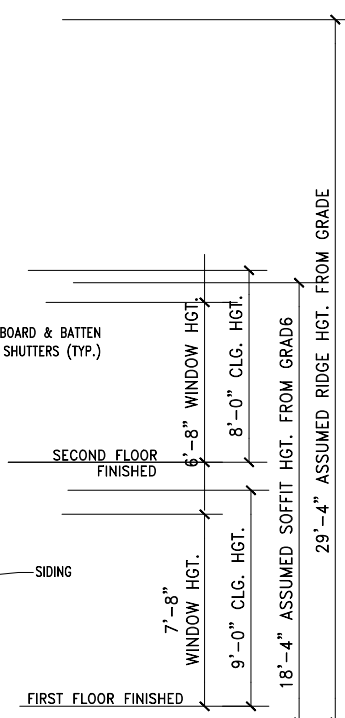
REAR ELEVATION



RIGHT ELEVATION

ATTIC SPACE VENTILATION	
REQUIRED	
$\frac{1629}{150}$ SQ. FT. OF CLG. / 150 =	$\frac{10.86}{1}$ SQ. FT. REQUIRED
REFER TO SECTION R806 (ROOF VENTILATION) IN NORTH CAROLINA STATE INTERNATIONAL RESIDENTIAL BUILDING CODES.	

MEAN ROOF HGT.			
Soffit Hgt. From Assumed Grade	+ Highest Ridge Hgt. From Assumed Grade	$\div 2$	= Mean Roof Hgt.
17'-11"	+ 31'-3"	$\div 2$	= 24'-7" Mean Roof Hgt.



SCALE	
24"X36"	= 1/4"=1'-0"
11"X17"	= 1/8"=1'-0"

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ENGINEERING, PC

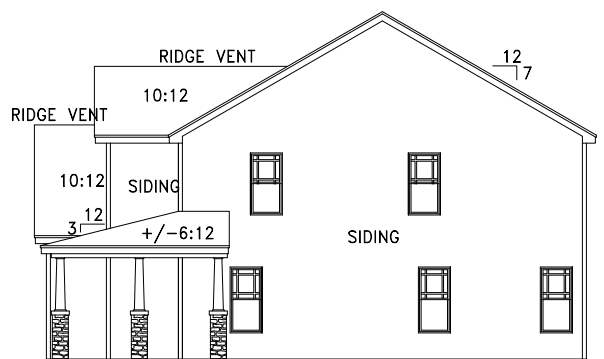


Slab  
Elev. "B"

Furyk	
FILE	
DESIGN	ADS
DRAWN	ADS
CHECKED	
DATE	2/22/21
SHEET	1B



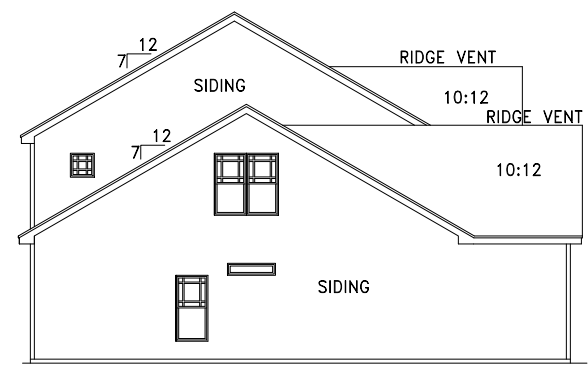
FRONT ELEVATION



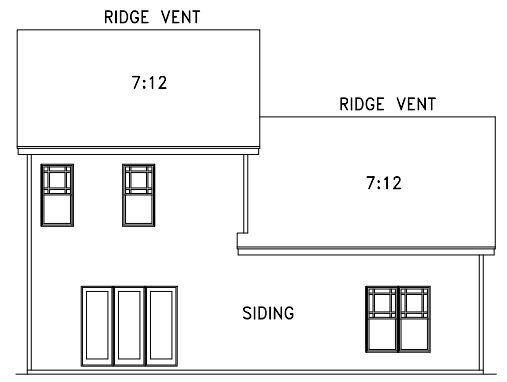
RIGHT ELEVATION  
OPTIONAL PORCH ADDITION



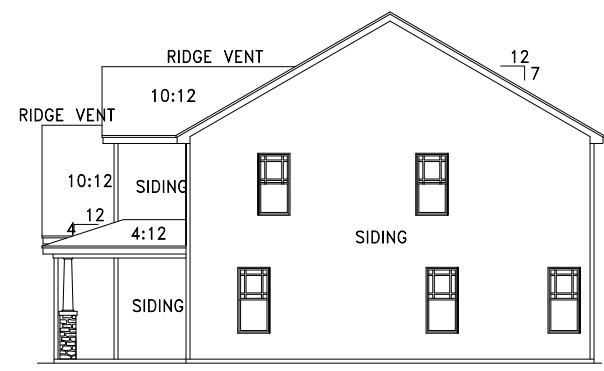
FRONT ELEVATION "C"



LEFT ELEVATION



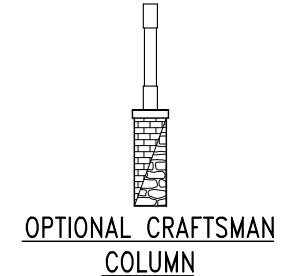
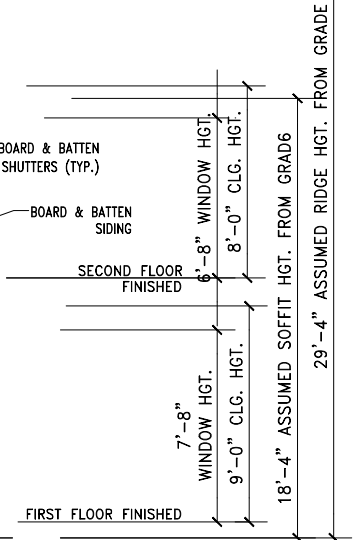
REAR ELEVATION



RIGHT ELEVATION

ATTIC SPACE VENTILATION	
REQUIRED	
1701	SQ. FT. OF CLG. / 150 = 11.34 SQ. FT. REQUIRED
REFER TO SECTION R806 (ROOF VENTILATION) IN NORTH CAROLINA STATE INTERNATIONAL RESIDENTIAL BUILDING CODES.	

MEAN ROOF HGT.			
Soffit Hgt. From Assumed Grade	+ Highest Ridge Hgt. From Assumed Grade	÷ 2	= Mean Roof Hgt.
17'-11"	+ 31'-3"	÷ 2	= 24'-7" Mean Roof Hgt.



OPTIONAL CRAFTSMAN COLUMN

SCALE	
24"x36"	= 1/4" = 1'-0"
11"x17"	= 1/8" = 1'-0"

REVISIONS:  
12/04/2020

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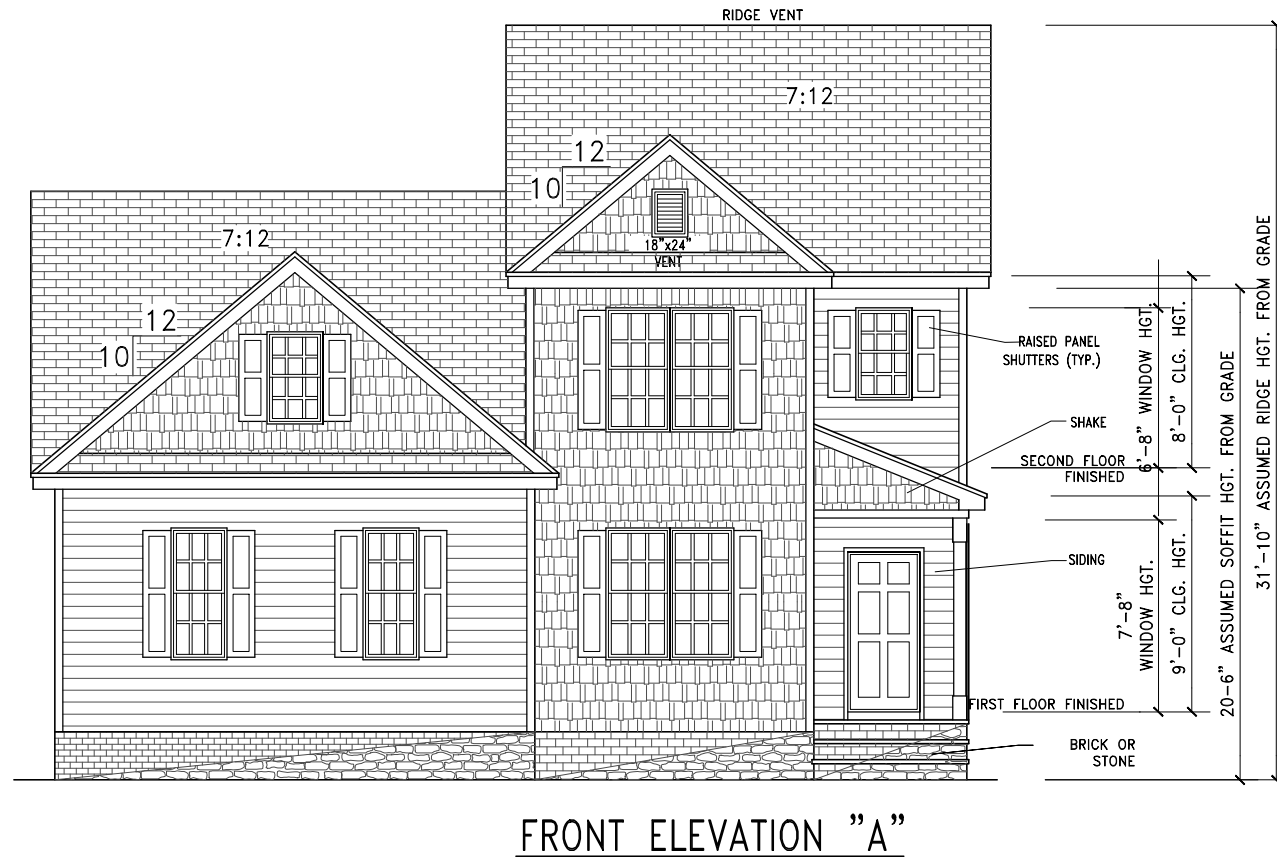
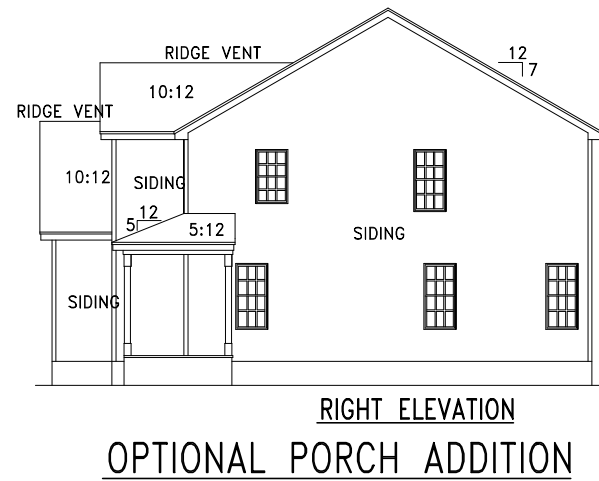
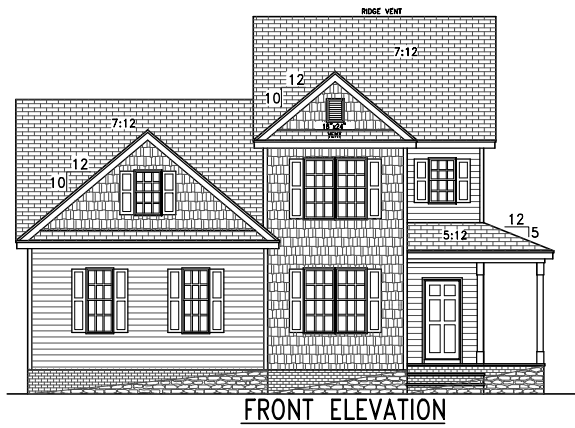


Slab Elev. "C"

Furyk

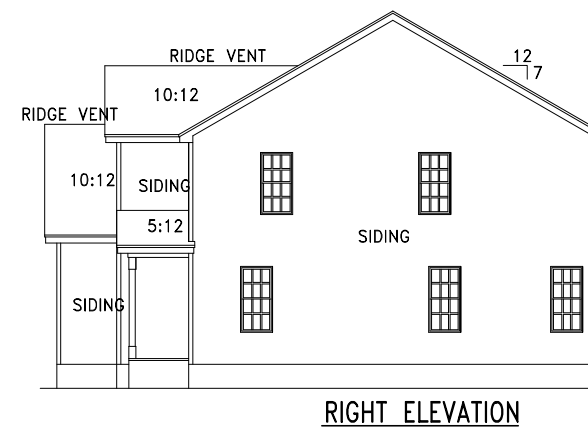
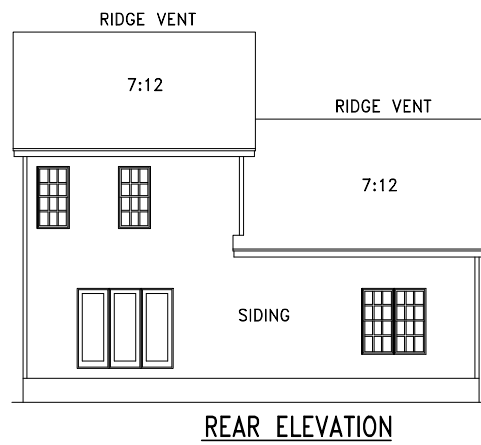
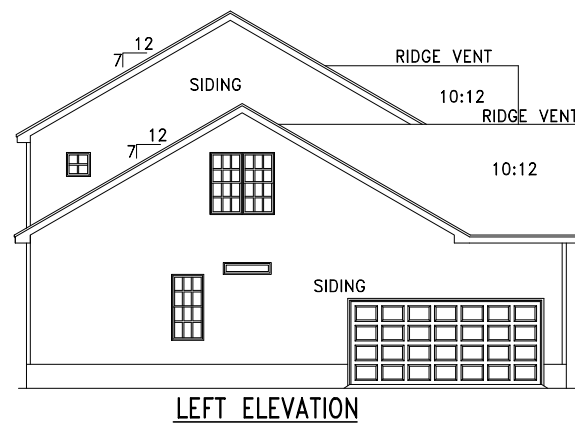
FILE  
DESIGN ADS  
DRAWN ADS  
CHECKED  
DATE 2/22/21  
SHEET

1C



ATTIC SPACE VENTILATION	
REQUIRED	
1629	SQ. FT. OF CLG. / 150 = 10.86 SQ. FT. REQUIRED
REFER TO SECTION R806 (ROOF VENTILATION) IN NORTH CAROLINA STATE INTERNATIONAL RESIDENTIAL BUILDING CODES.	

MEAN ROOF HGT.			
Soffit Hgt. From Assumed Grade	+ Highest Ridge Hgt. From Assumed Grade	÷ 2	= Mean Roof Hgt.
20'-5"	+ 33'-9"	÷ 2	= 27'-1" Mean Roof Hgt.



SCALE  
24"x36" = 1/4"=1'-0"  
11"x17" = 1/8"=1'-0"

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**ADAMS & HODGE**  
ENGINEERING, PC

Crawlspace  
Elev. "A"

Furyk  
Side Entry

FILE

DESIGN  
ADS

DRAWN  
ADS

CHECKED

DATE  
3/23/2016

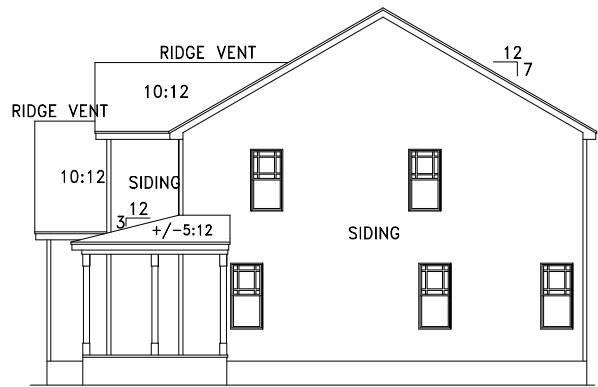
SHEET

1A





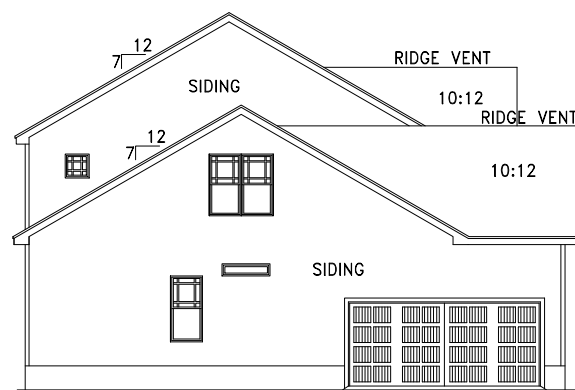
FRONT ELEVATION



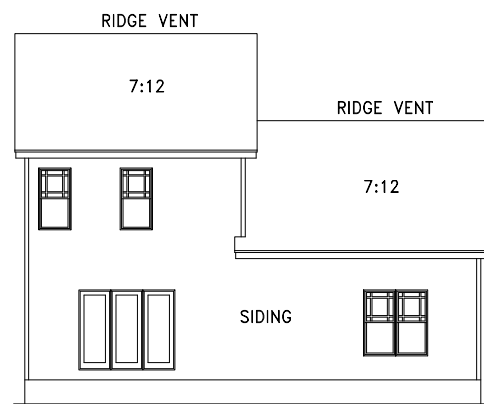
RIGHT ELEVATION  
OPTIONAL PORCH ADDITION



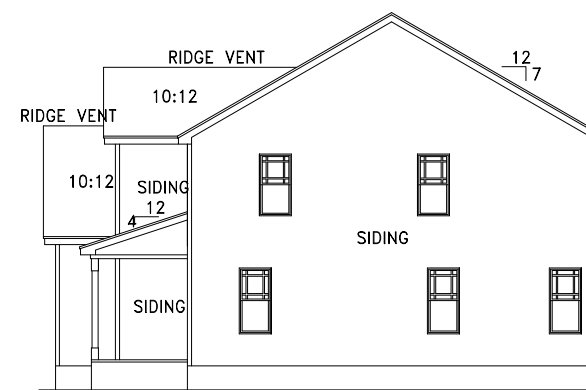
FRONT ELEVATION "B"



LEFT ELEVATION



REAR ELEVATION



RIGHT ELEVATION

ATTIC SPACE VENTILATION

REQUIRED  
 $\frac{1629 \text{ SQ. FT. OF CLG.}}{150} = 10.86 \text{ SQ. FT. REQUIRED}$

REFER TO SECTION R806 (ROOF VENTILATION) IN NORTH CAROLINA STATE INTERNATIONAL RESIDENTIAL BUILDING CODES.

MEAN ROOF HGT.

Soffit Hgt. From Assumed Grade	+ Highest Ridge Hgt. From Assumed Grade	÷ 2	= Mean Roof Hgt.
20'-5"	+ 33'-9"	÷ 2	= 27'-1" Mean Roof Hgt.

SCALE	
24"x36" = 1/4"=1'-0"	
11"x17" = 1/8"=1'-0"	

REVISIONS:

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**ADAMS & HODGE**  
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Crawlspace  
 Elev. "B"

Furyk  
 Side Entry

FILE

DESIGN  
 ADS

DRAWN  
 ADS

CHECKED

DATE  
 3/23/2016

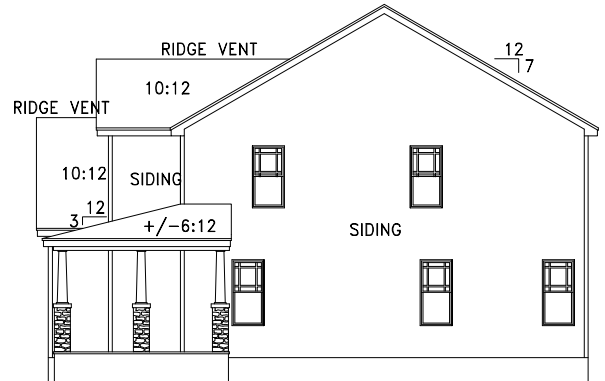
SHEET

1B





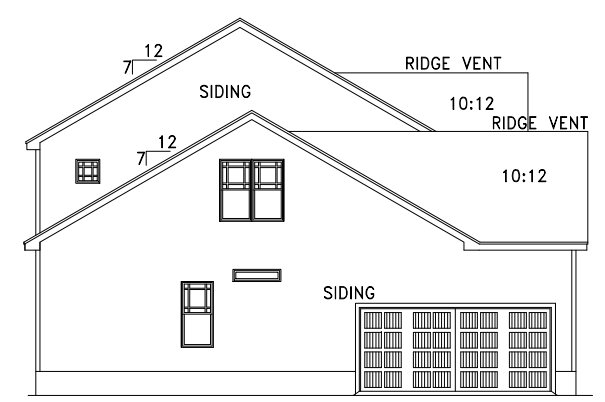
FRONT ELEVATION



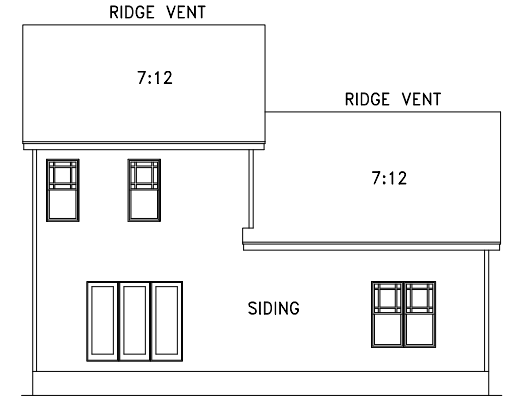
RIGHT ELEVATION



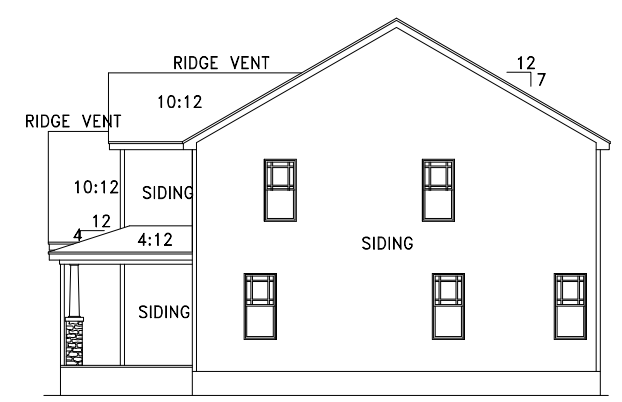
FRONT ELEVATION "C"



LEFT ELEVATION



REAR ELEVATION

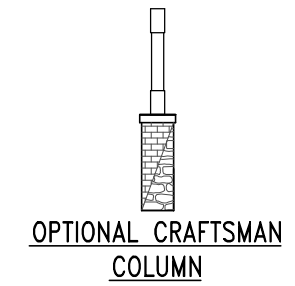


RIGHT ELEVATION

ATTIC SPACE VENTILATION  
 REQUIRED  
 $1701 \text{ SQ. FT. OF CLG.} / 150 = 11.34 \text{ SQ. FT. REQUIRED}$   
 REFER TO SECTION R806 (ROOF VENTILATION) IN NORTH CAROLINA STATE INTERNATIONAL RESIDENTIAL BUILDING CODES.

MEAN ROOF HGT.

Soffit Hgt. From Assumed Grade	+ Highest Ridge Hgt. From Assumed Grade	+ 2	= Mean Roof Hgt.
20'-5"	+ 33'-9"	+ 2	= 27'-1" Mean Roof Hgt.



SCALE  
 $24" \times 36" = 1/4" = 1'-0"$   
 $11" \times 17" = 1/8" = 1'-0"$

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 12/04/2020

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**ADAMS & HODGE**  
 ENGINEERING, PC

**A&H**

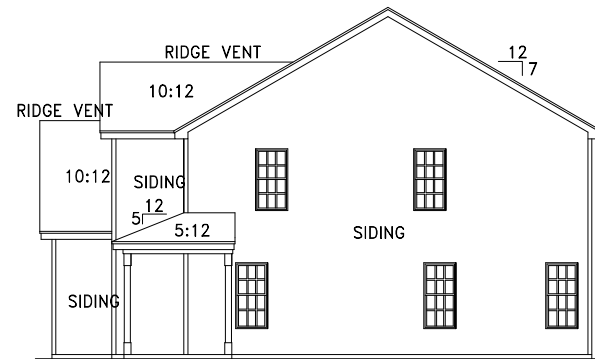
Crawlspace Elev. "C"

Furyk Side Entry

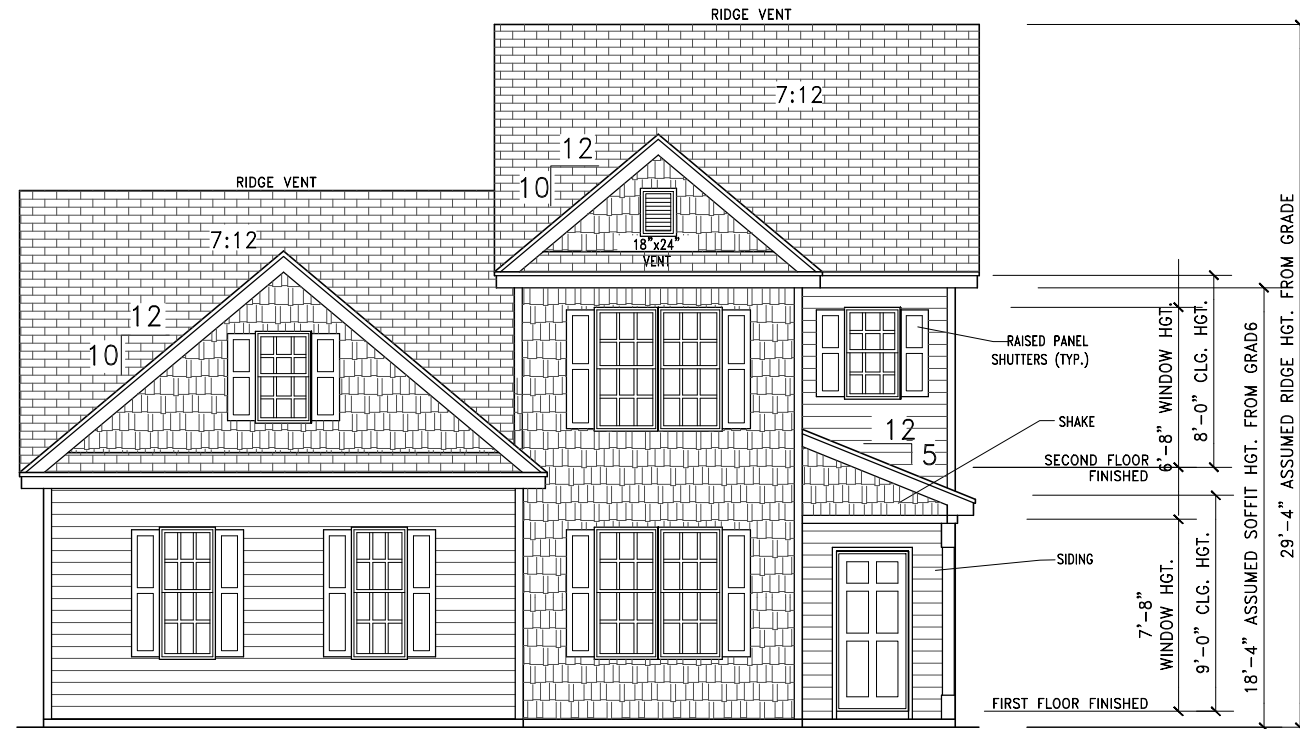
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 DATE 3/23/2016  
 SHEET 1C



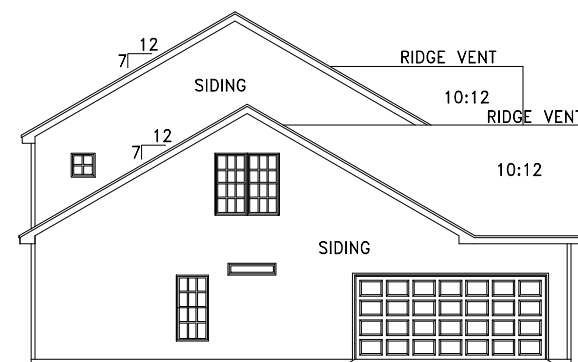
FRONT ELEVATION



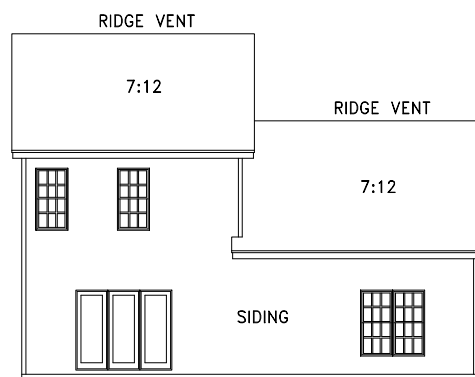
RIGHT ELEVATION  
OPTIONAL PORCH ADDITION



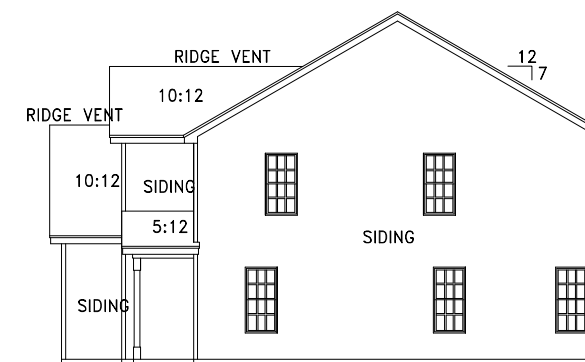
FRONT ELEVATION "A"



LEFT ELEVATION



REAR ELEVATION



RIGHT ELEVATION

ATTIC SPACE VENTILATION	
REQUIRED	
$\frac{1629 \text{ SQ. FT. OF CLG.}}{150} = 10.86 \text{ SQ. FT. REQUIRED}$	
REFER TO SECTION R806 (ROOF VENTILATION) IN NORTH CAROLINA STATE INTERNATIONAL RESIDENTIAL BUILDING CODES.	

MEAN ROOF HGT.			
Soffit Hgt. From Assumed Grade	+ Highest Ridge Hgt. From Assumed Grade	$\div 2$	= Mean Roof Hgt.
17'-11"	+ 31'-3"	$\div 2$	= 24'-7" Mean Roof Hgt.

SCALE	
$24" \times 36" = 1/4" = 1'-0"$	
$11" \times 17" = 1/8" = 1'-0"$	

REVISIONS:

12/04/2020

314 EAST MAIN STREET  
CLAYTON, NC 27520  
info@adamsandhodge.com  
919-234-1332  
FIRM # C-4187

**ADAMS & HODGE**  
ENGINEERING, PC

Slab  
Elev. "A"

Furyk  
Side Entry

FILE

DESIGN  
ADS

DRAWN  
ADS

CHECKED

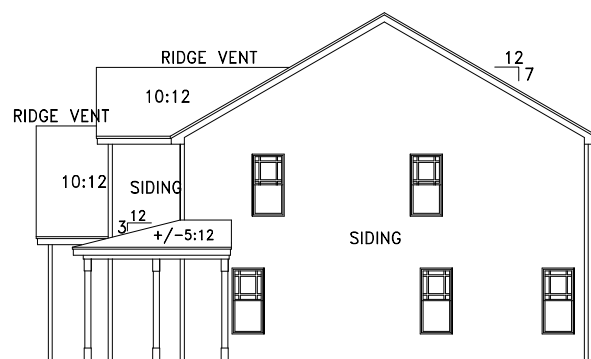
DATE  
3/23/2016

SHEET

1A



FRONT ELEVATION



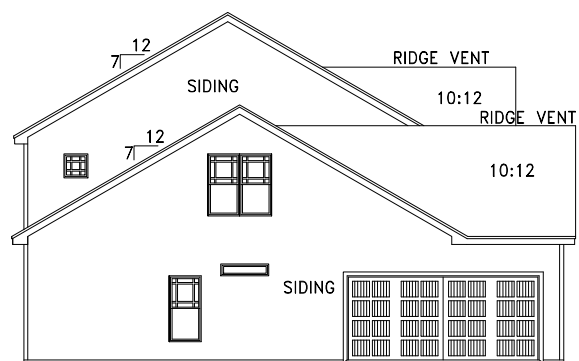
RIGHT ELEVATION  
OPTIONAL PORCH ADDITION



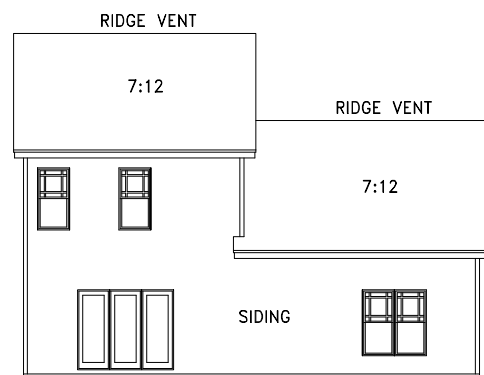
FRONT ELEVATION "B"

ATTIC SPACE VENTILATION	
REQUIRED	
1629 SQ. FT. OF CLG. / 150 =	10.86 SQ. FT. REQUIRED
REFER TO SECTION R806 (ROOF VENTILATION) IN NORTH CAROLINA STATE INTERNATIONAL RESIDENTIAL BUILDING CODES.	

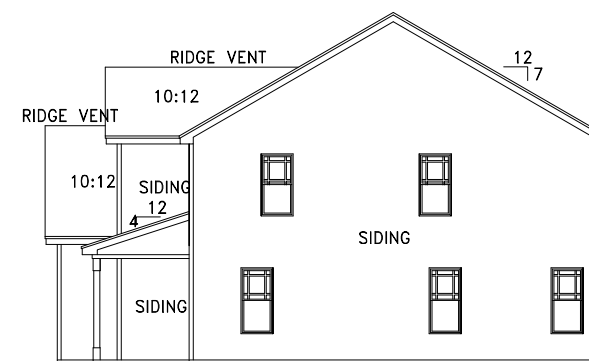
MEAN ROOF HGT.			
Soffit Hgt. From Assumed Grade	+ Highest Ridge Hgt. From Assumed Grade	÷ 2	= Mean Roof Hgt.
17'-11"	+ 31'-3"	÷ 2	= 24'-7" Mean Roof Hgt.



LEFT ELEVATION



REAR ELEVATION



RIGHT ELEVATION

SCALE
24"x36" = 1/4"=1'-0"
11"x17" = 1/8"=1'-0"

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919-234-1352  
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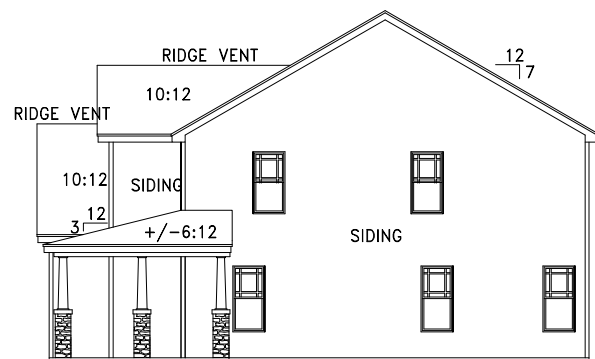
Slab  
Elev. "B"

Furyk  
Side Entry

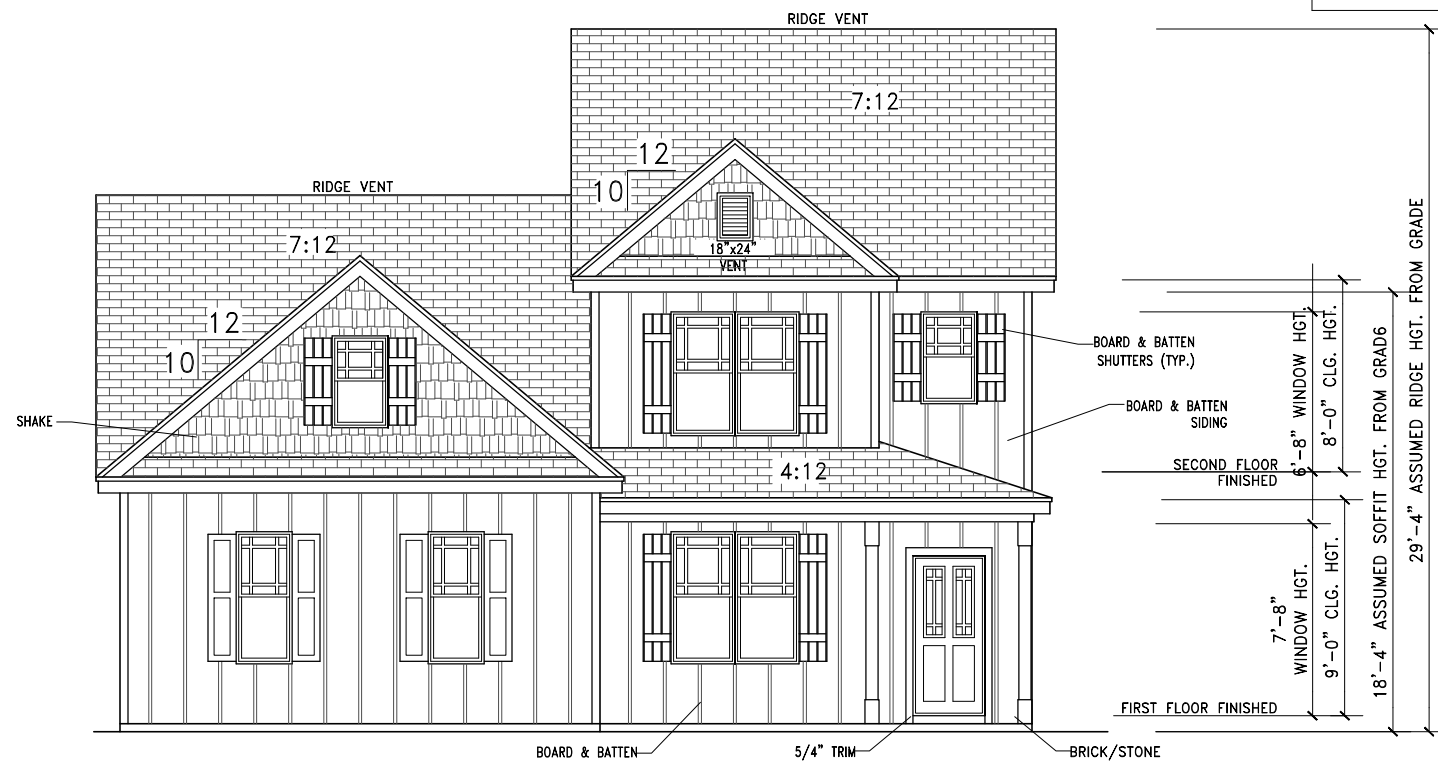
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DESIGN ADS  
DRAWN ADS  
CHECKED  
DATE 5/23/2016  
SHEET



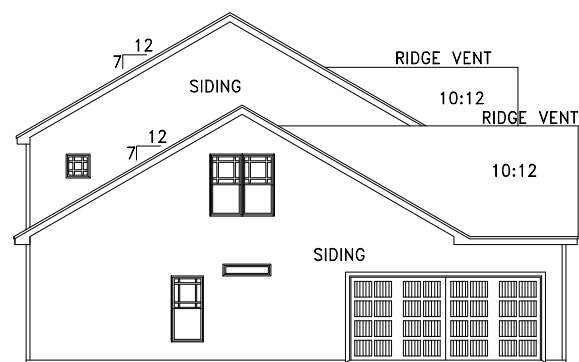
FRONT ELEVATION



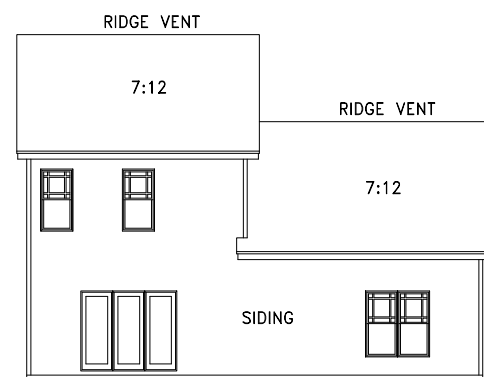
RIGHT ELEVATION  
OPTIONAL PORCH ADDITION



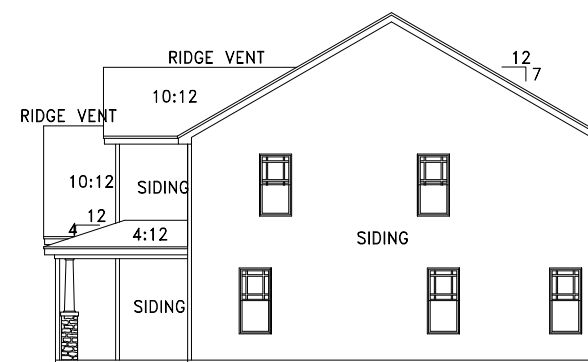
FRONT ELEVATION "C"



LEFT ELEVATION



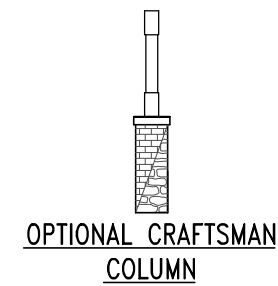
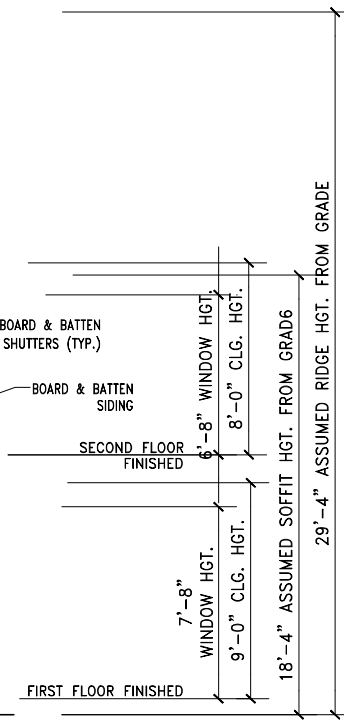
REAR ELEVATION



RIGHT ELEVATION

ATTIC SPACE VENTILATION	
REQUIRED	
1701	SQ. FT. OF CLG. / 150 = 11.34 SQ. FT. REQUIRED
REFER TO SECTION R806 (ROOF VENTILATION) IN NORTH CAROLINA STATE INTERNATIONAL RESIDENTIAL BUILDING CODES.	

MEAN ROOF HGT.			
Soffit Hgt. From Assumed Grade	+ Highest Ridge Hgt. From Assumed Grade	÷ 2	= Mean Roof Hgt.
17'-11"	+ 31'-3"	÷ 2	= 24'-7" Mean Roof Hgt.



OPTIONAL CRAFTSMAN COLUMN

SCALE	
24"x36"	= 1/4"=1'-0"
11"x17"	= 1/8"=1'-0"

REVISIONS:  
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FIRM # C-4187

**ADAMS & HODGE**  
ENGINEERING, PC

**A&H**

Slab Elev. "C"

Furyk Side Entry

FILE

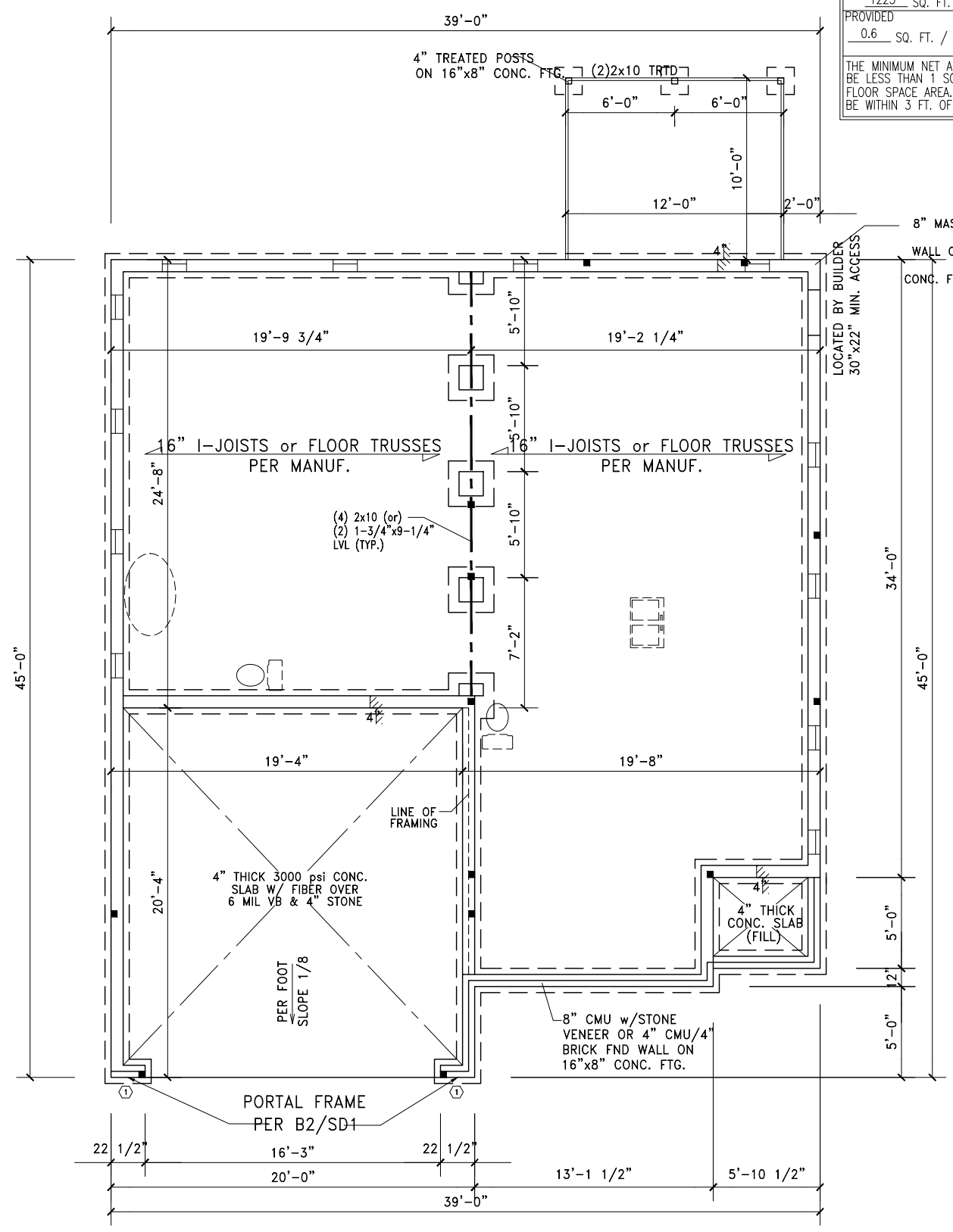
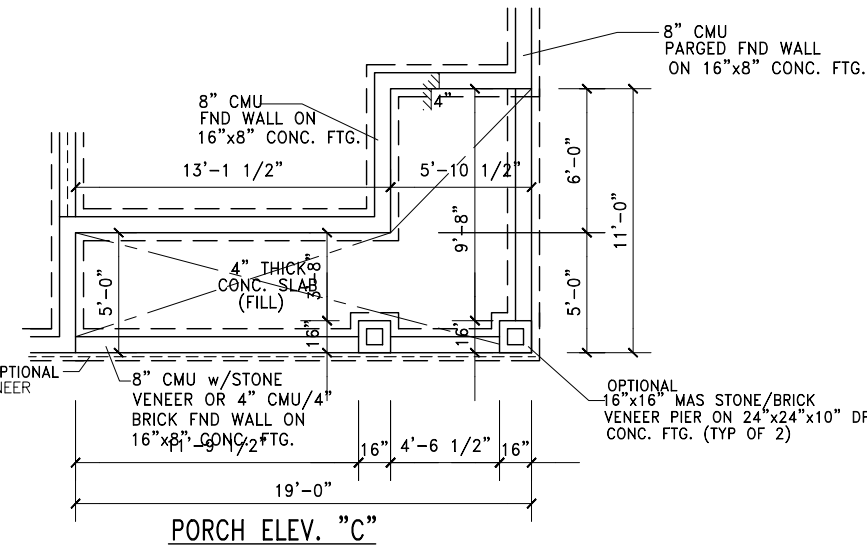
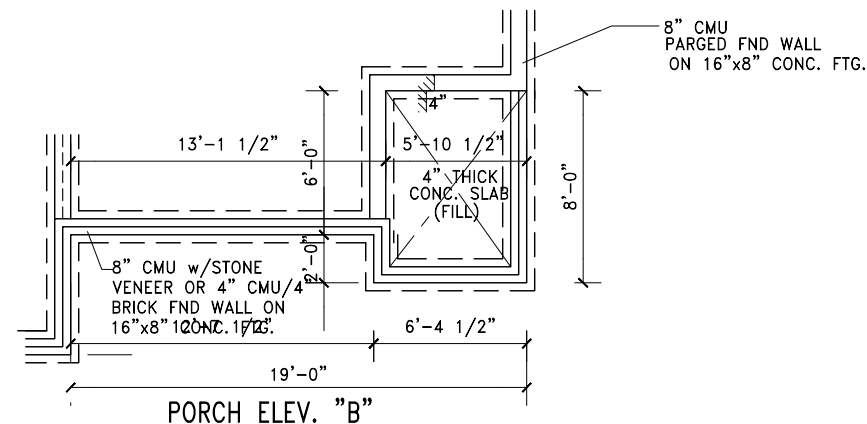
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DRAWN ADS

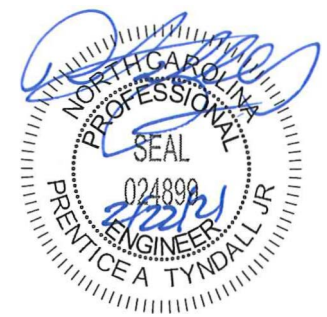
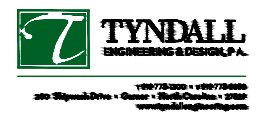
CHECKED

DATE 3/23/2016

SHEET 1C



CRAWL SPACE VENTILATION	
REQUIRED	1223 SQ. FT. / 150 = 8.15 SQ. FT. OF VENTILATION
PROVIDED	0.6 SQ. FT. / VENT = 14 VENTS = 8.4 (SQ. FT. OF VENTILATION)
THE MINIMUM NET AREA OF VENTILATION OPENINGS SHALL NOT BE LESS THAN 1 SQ. FT. FOR EA. 150 SQ. FT. OF UNDER-FLOOR SPACE AREA. ONE SUCH VENTILATING OPENING SHALL BE WITHIN 3 FT. OF EA. CORNER OF SAID BUILDING.	



Project Number: 2101-010034  
 \* Structural analysis based on NC Residential Building Code 2018  
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FOUNDATION PLAN

SCALE	
24"x36"	= 1/4"=1'-0"
11"x17"	= 1/8"=1'-0"

REVISIONS:  
 12/04/2020

314 EAST MAIN STREET  
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 919-234-1332  
 FIRM # C-4187

ADAMS & HODGE  
 ENGINEERING, P.C.

**A&H**

Crawlspace Foundation

Furyk

FILE	
DESIGN	ADS
DRAWN	ADS
CHECKED	
DATE	2/22/21
SHEET	2CS



REVISIONS:

12/04/2020

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919-224-1335  
FIRM # C-4187

ADAMS & HODGE  
ENGINEERING, P.C.



Crawlspace  
Foundation

Furyk  
Front Porch  
Option

FILE

DESIGN  
ADS

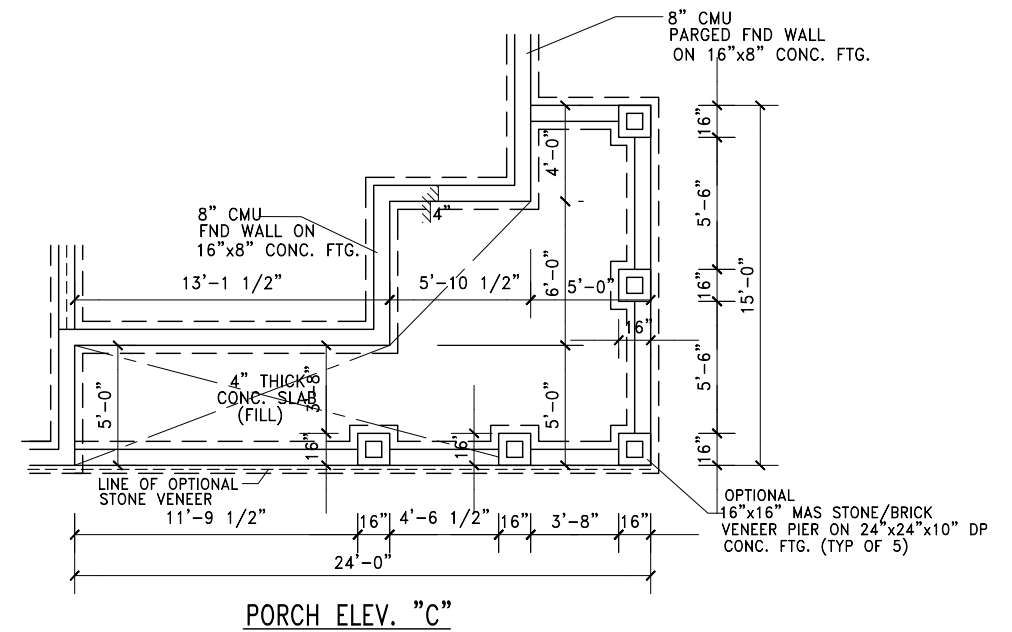
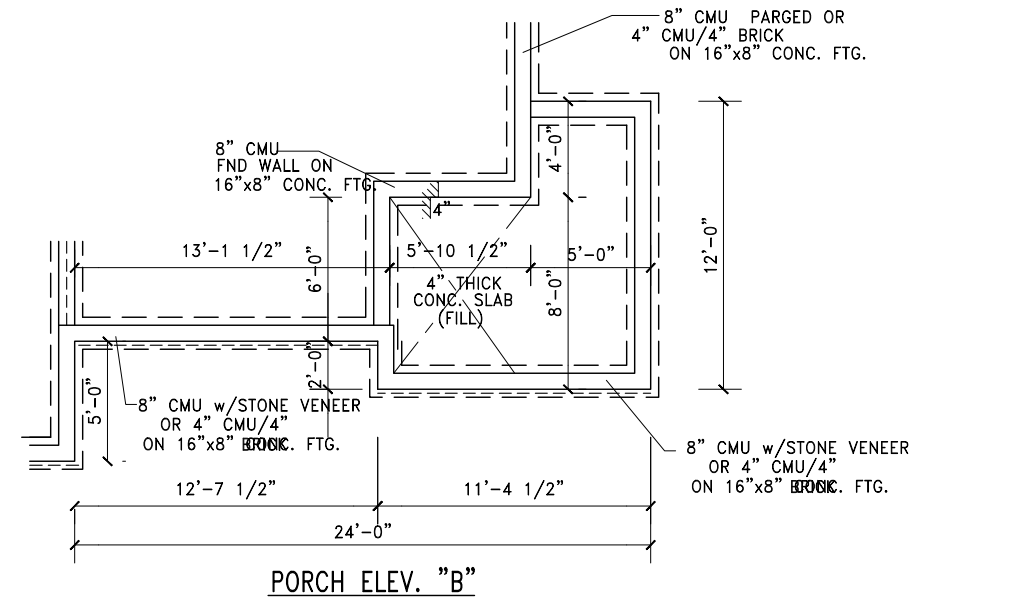
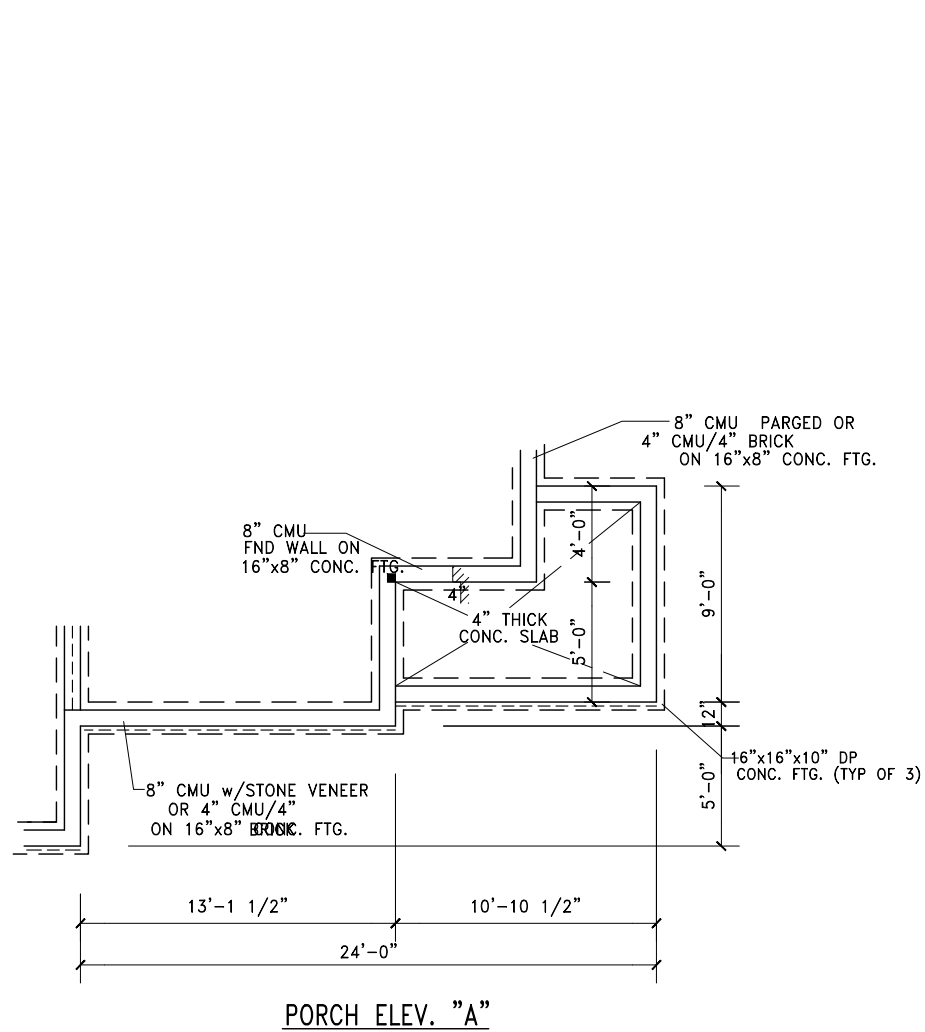
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CHECKED

DATE  
2/22/21

SHEET

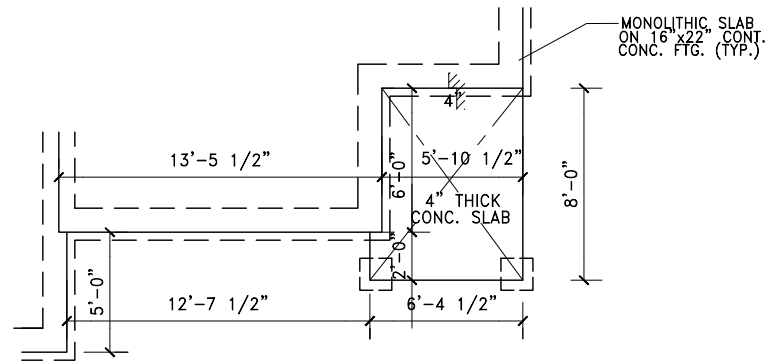
2CS-B



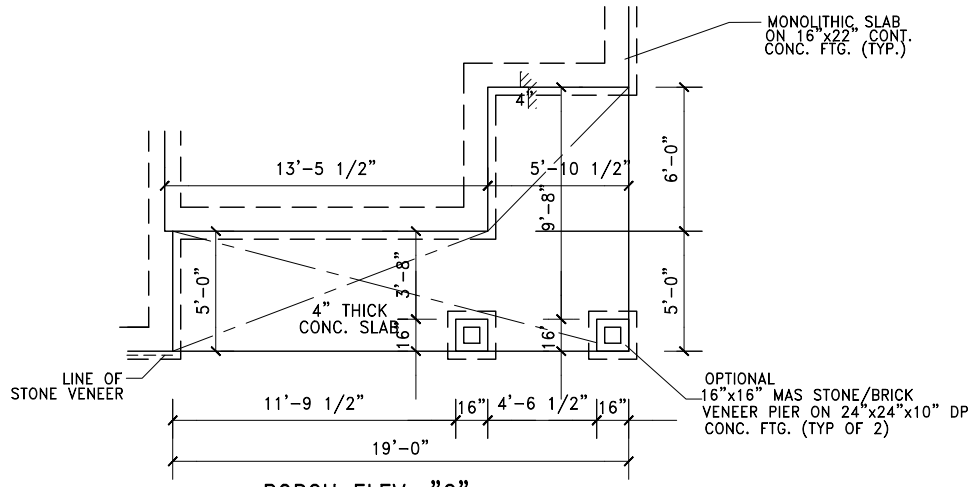
Project Number: 2101-010034  
\* Structural analysis based on NC Residential Building Code 2018  
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SCALE  
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11"x17" = 1/8"=1'-0"

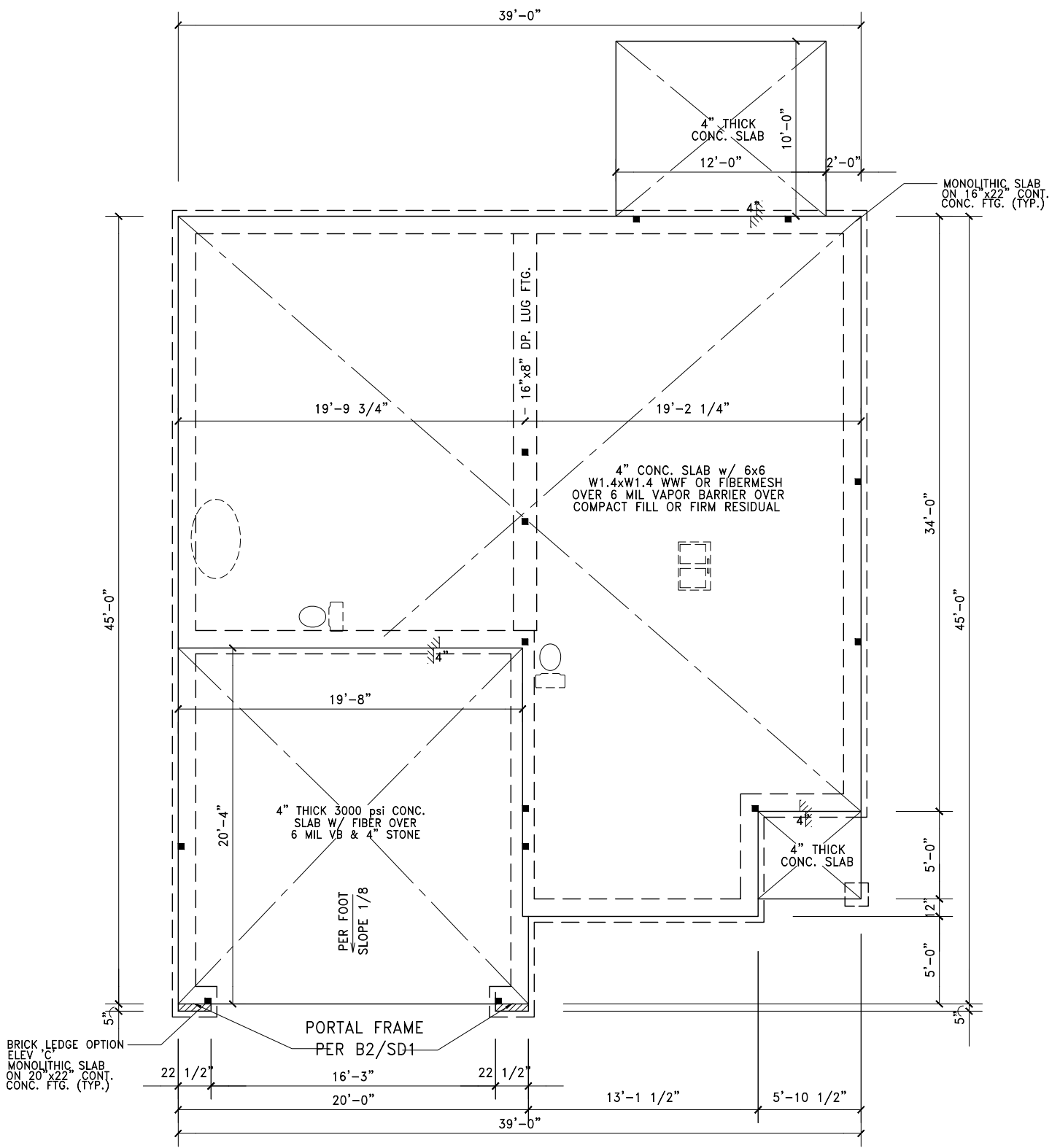




PORCH ELEV. "B"

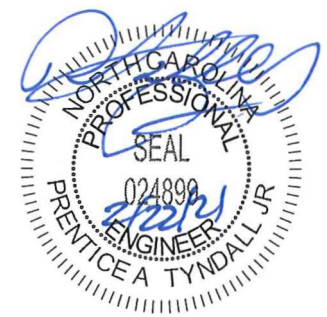
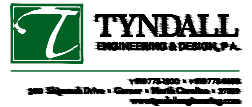


PORCH ELEV. "C"



FOUNDATION PLAN

SCALE  
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 11"x17" = 1/8"=1'-0"

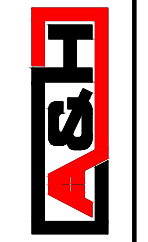


Project Number: 2101-010034  
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 919-234-1332  
 FIRM # C-4187

ADAMS & HODGE  
 ENGINEERING, P.C.



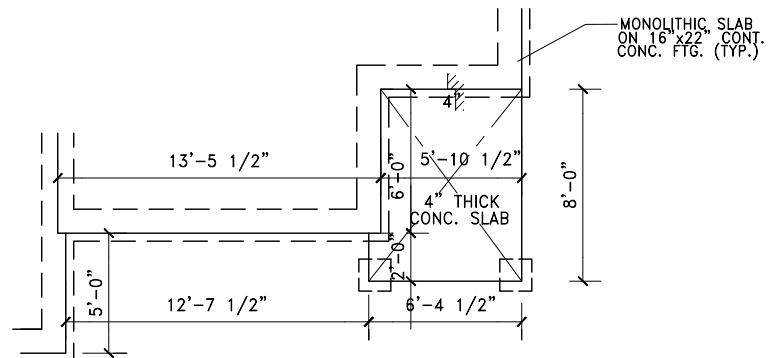
Mono Slab  
 Foundation

Furyk

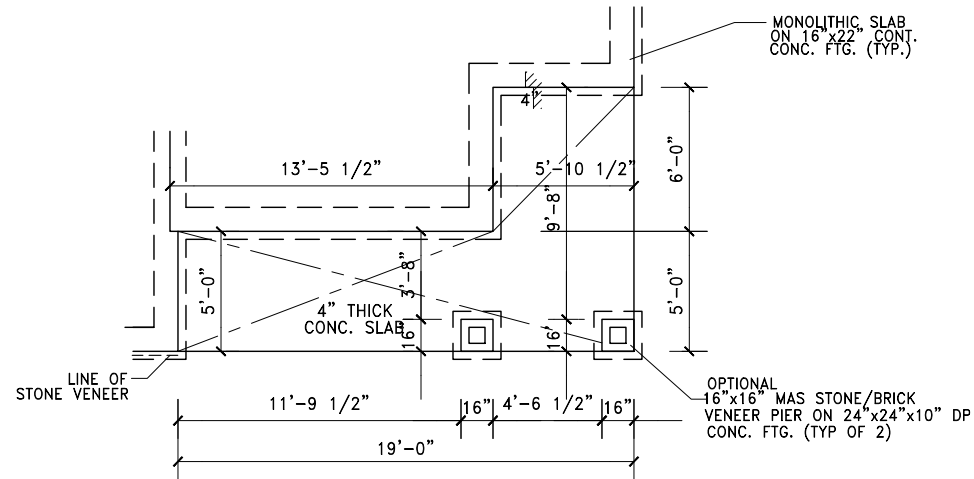
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 DRAWN ADS  
 CHECKED

DATE 2/22/21  
 SHEET

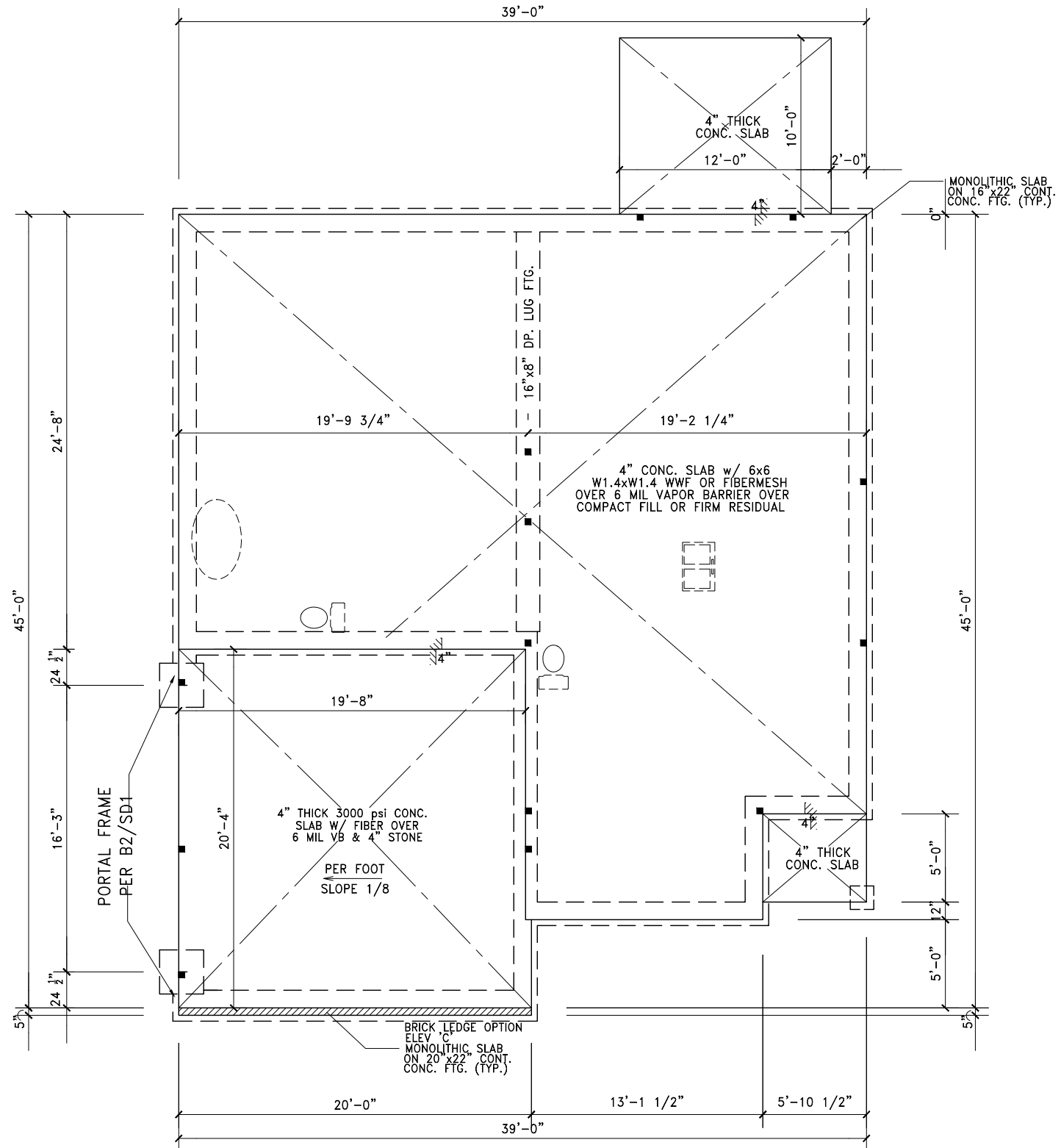
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PORCH ELEV. "B"

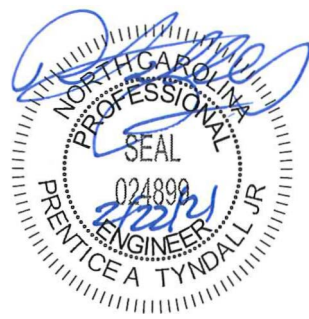


PORCH ELEV. "C"



FOUNDATION PLAN

SCALE  
 24"x36" = 1/4"=1'-0"  
 11"x17" = 1/8"=1'-0"



Project Number: 2101-010034  
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ADAMS & HODGE  
 ENGINEERING, P.C.



Mono Slab  
 Foundation  
 Side Entry

Furyk

FILE

DESIGN  
 ADS

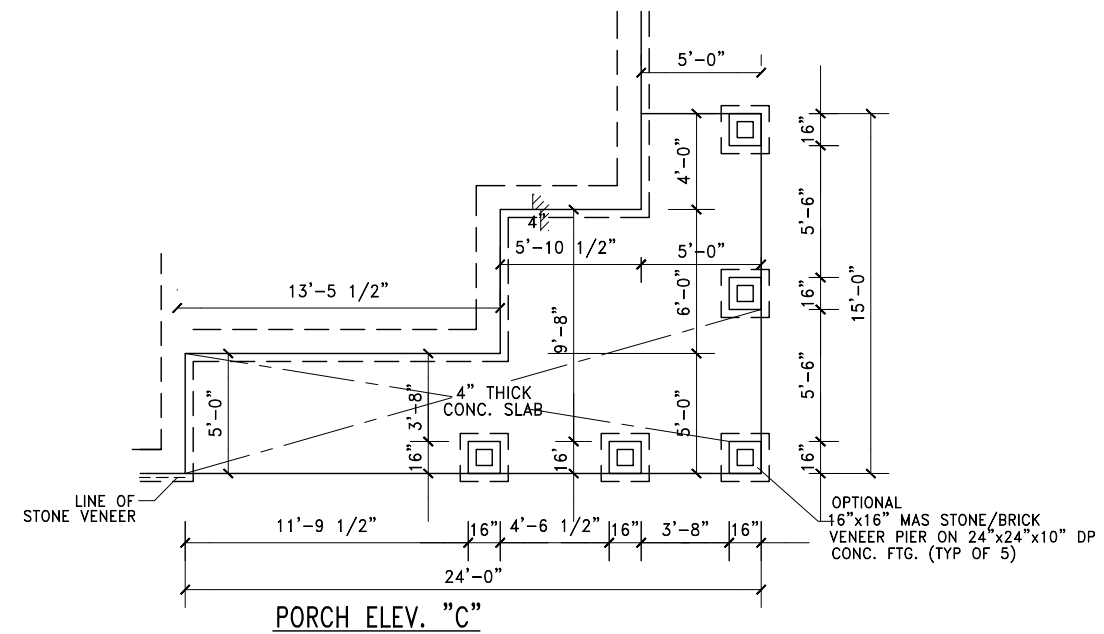
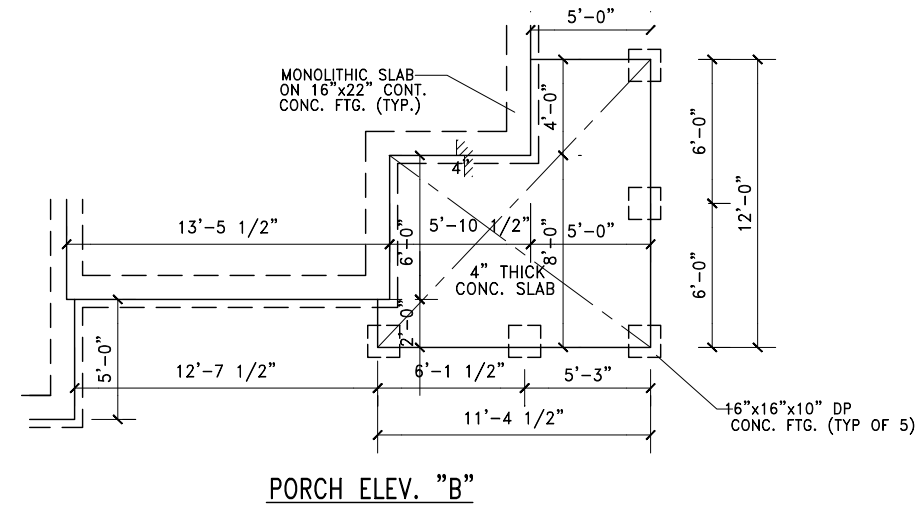
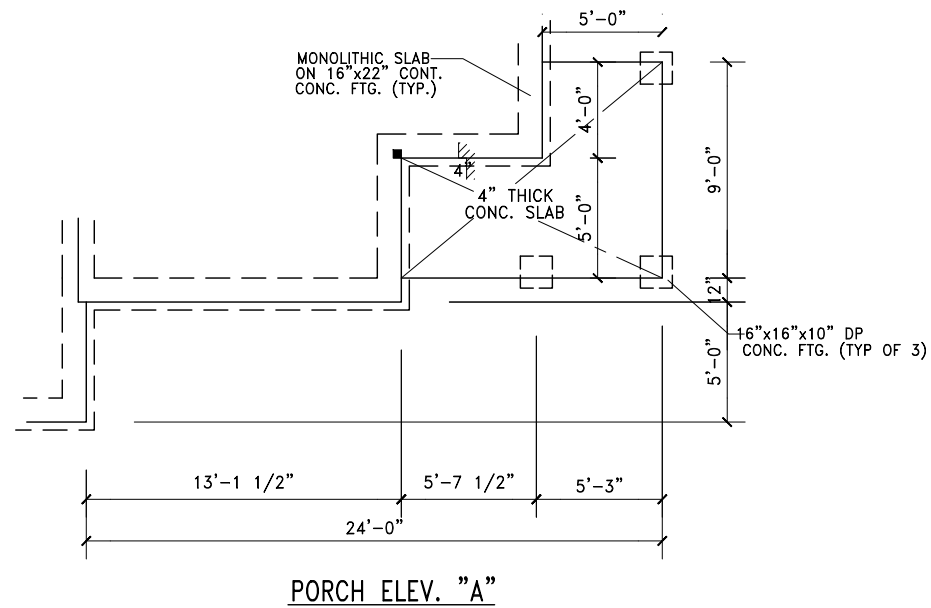
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CHECKED

DATE  
 2/22/21

SHEET

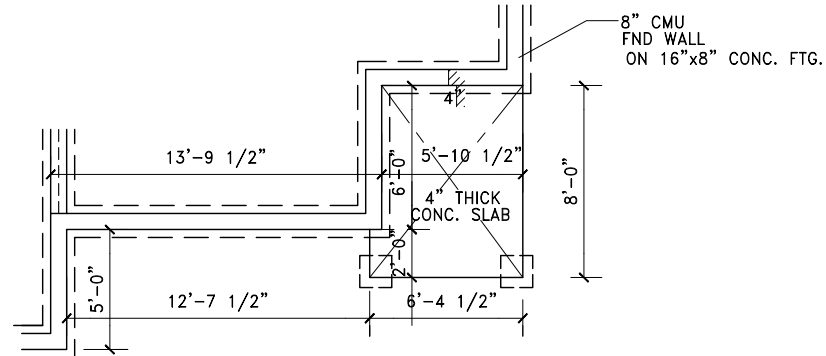
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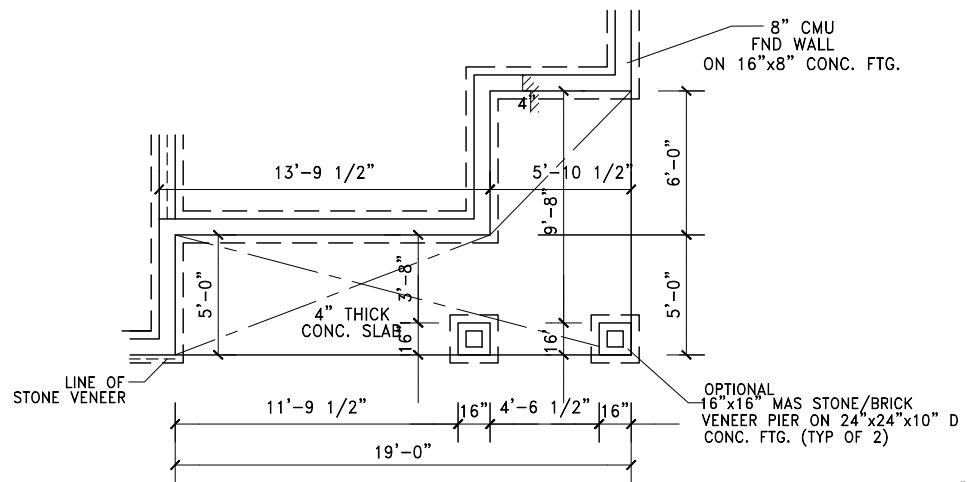
Project Number: 2101-010034  
 \* Structural analysis based on NC Residential Building Code 2018  
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SCALE  
 24" x 36" = 1/4" = 1'-0"  
 11" x 17" = 1/8" = 1'-0"

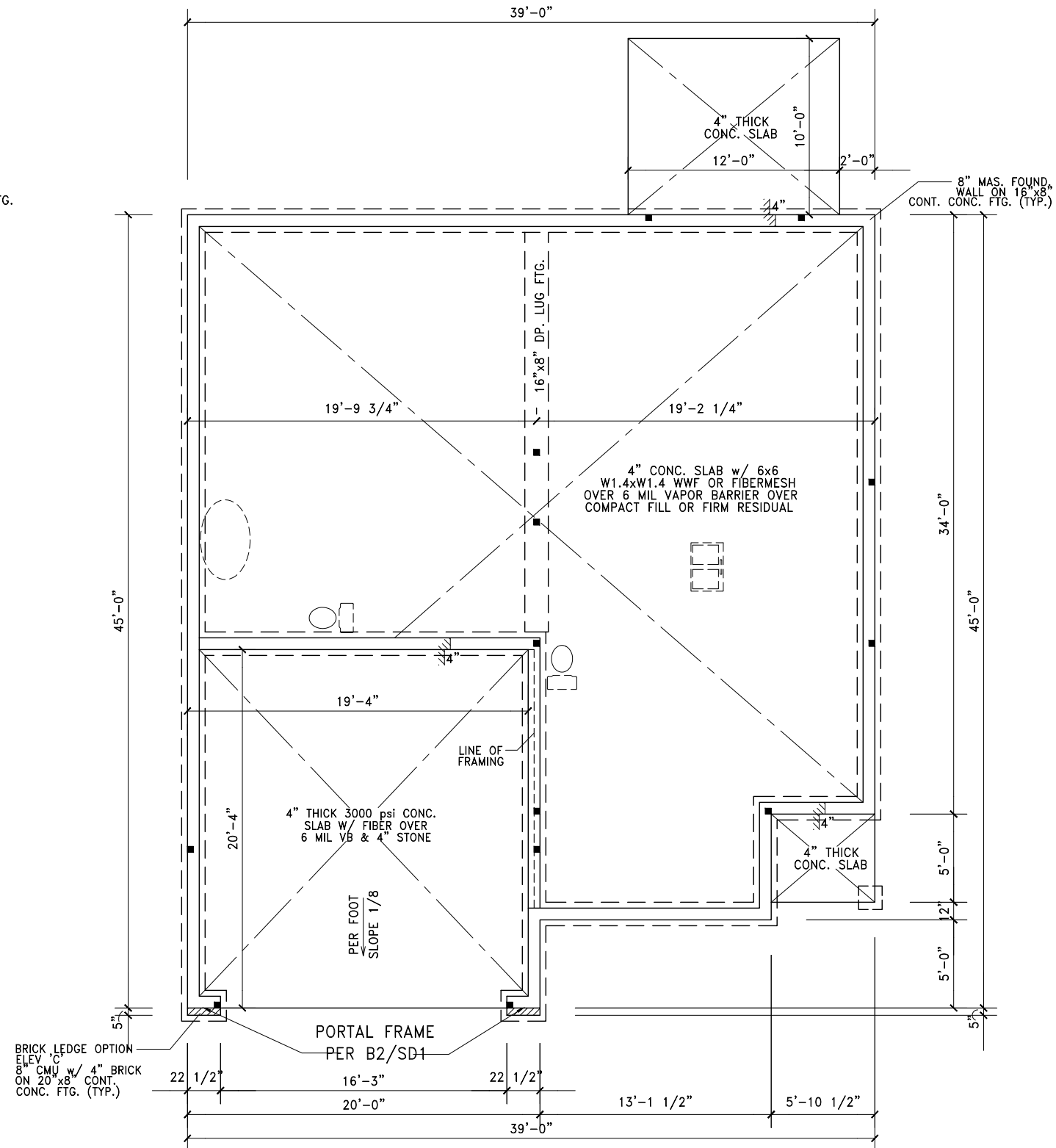
REVISIONS:	
12/04/2020	
314 EAST MAIN STREET CLAYTON, NC 27520 info@adamsandhodge.com 919-234-1332 FIRM # C-4187	
<b>ADAMS &amp; HODGE</b> ENGINEERING, P.C.	
<b>Mono Slab Foundation</b>	
<b>Furyk</b>	<b>Front Porch Option</b>
FILE	
DESIGN	ADS
DRAWN	ADS
CHECKED	
DATE	2/22/21
SHEET	2S-B



PORCH ELEV. "B"

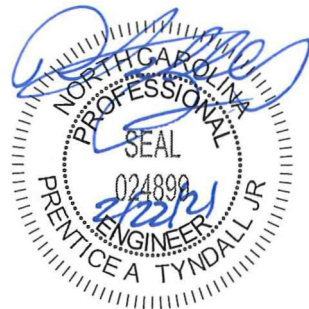


PORCH ELEV. "C"



FOUNDATION PLAN

SCALE  
 24"X36" = 1/4"=1'-0"  
 11"X17" = 1/8"=1'-0"



Project Number: 2101-010034  
 \* Structural analysis based on NC Residential Building Code 2018  
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 12/04/2020

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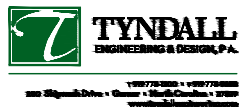
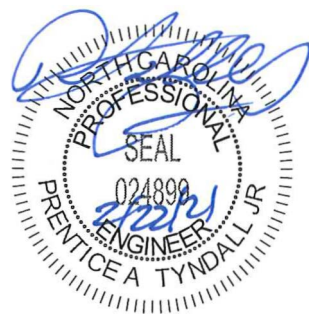
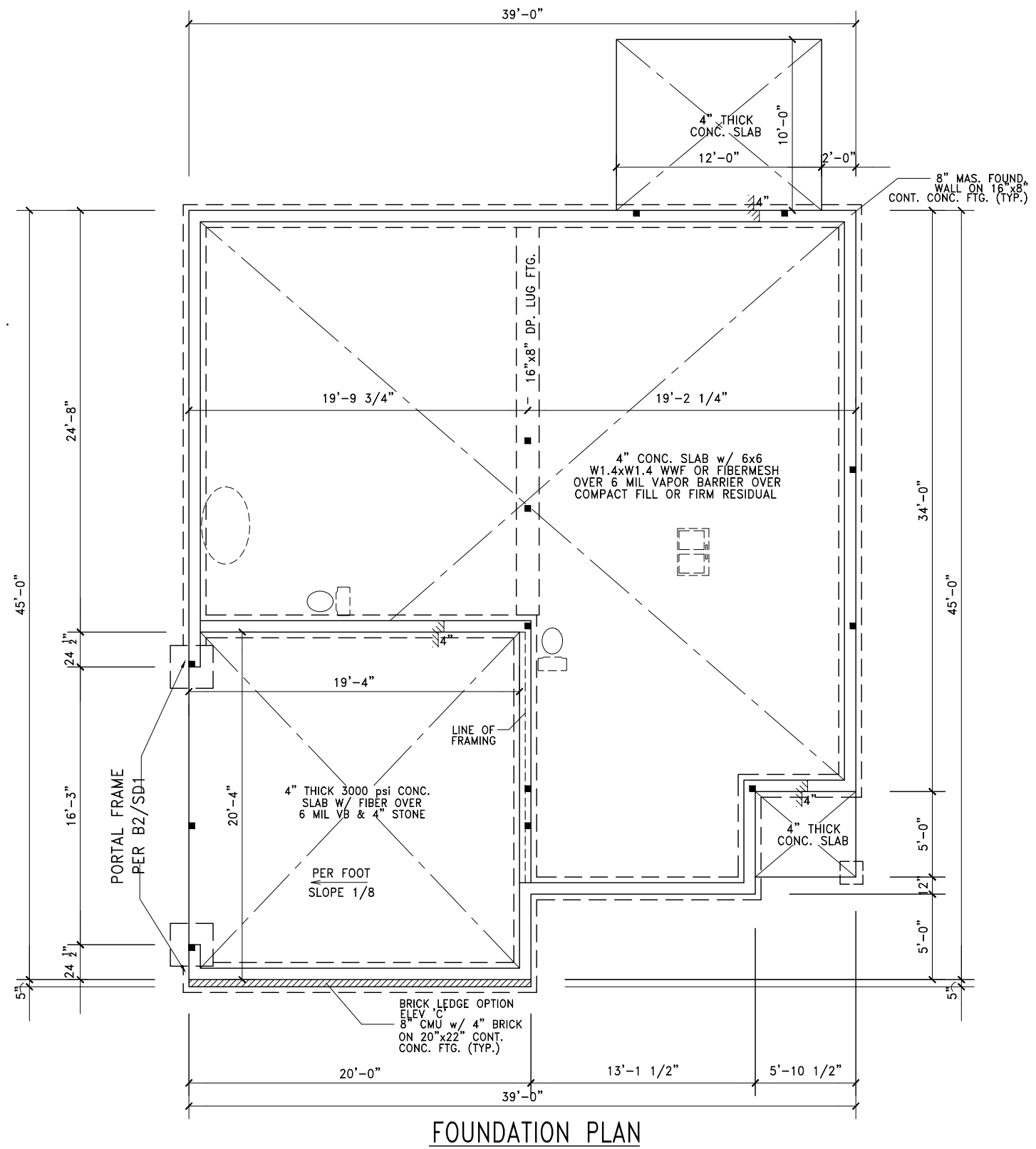
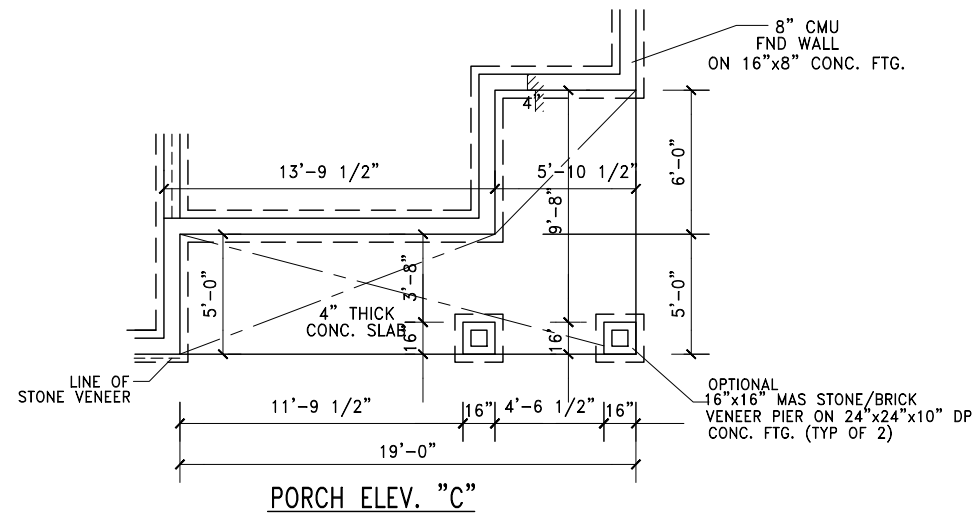
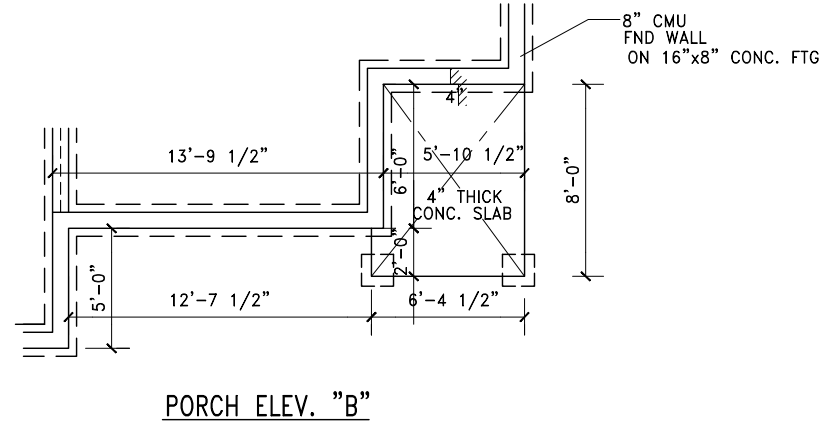
ADAMS & HODGE  
 ENGINEERING, P.C.



Stem Wall  
 Foundation

Furyk

FILE
DESIGN ADS
DRAWN ADS
CHECKED
DATE 2/22/21
SHEET 2SW



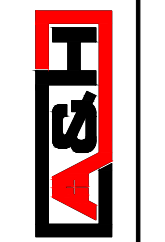
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 \* Structural analysis based on NC Residential Building Code 2018  
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SCALE  
 24"X36" = 1/4"=1'-0"  
 11"X17" = 1/8"=1'-0"

REVISIONS:  
 12/04/2020

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 919-234-1332  
 FIRM # C-4187

ADAMS & HODGE  
 ENGINEERING, P.C.



Stem Wall  
 Foundation  
 Side Entry

Furyk

FILE  
 DESIGN ADS  
 DRAWN ADS  
 CHECKED

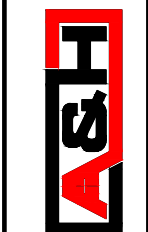
DATE  
 2/22/21  
 SHEET

2SW-A

REVISIONS:  
12/04/2020

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CLAYTON, NC 27520  
919-234-1332  
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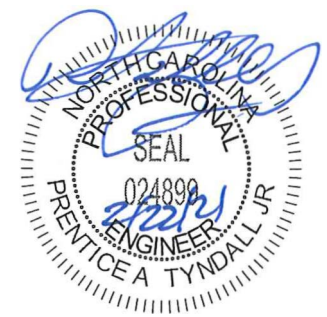
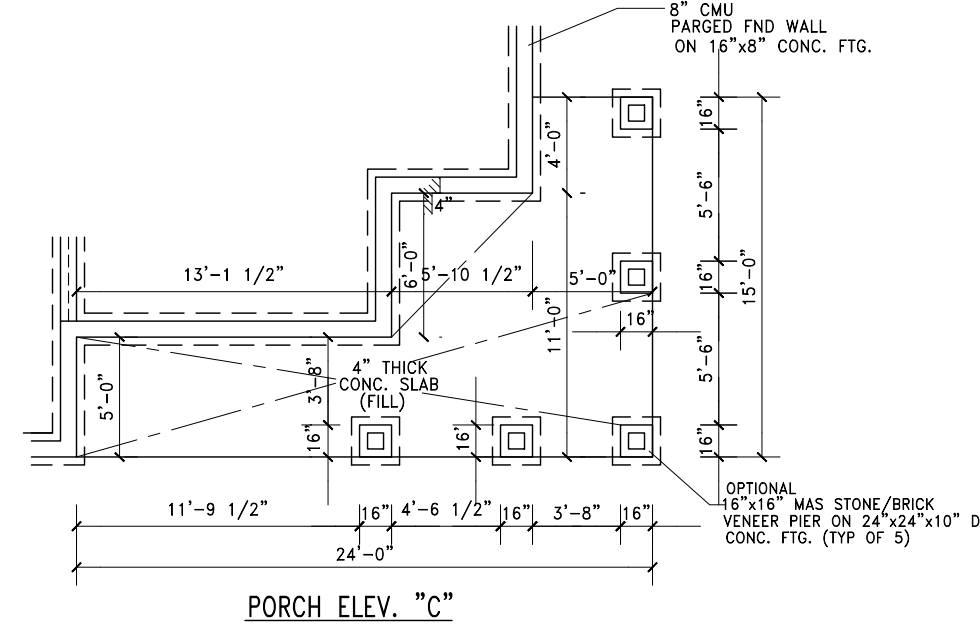
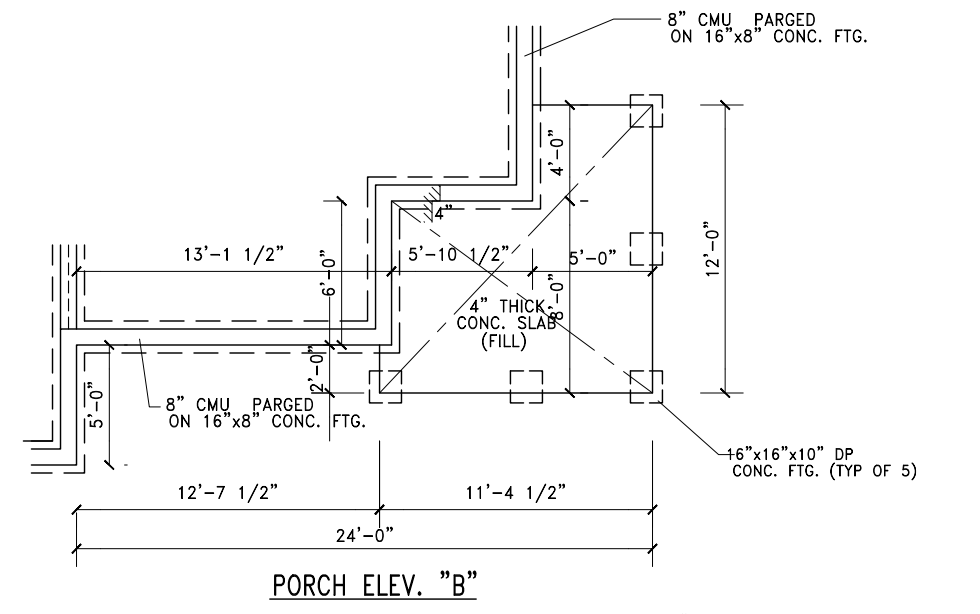
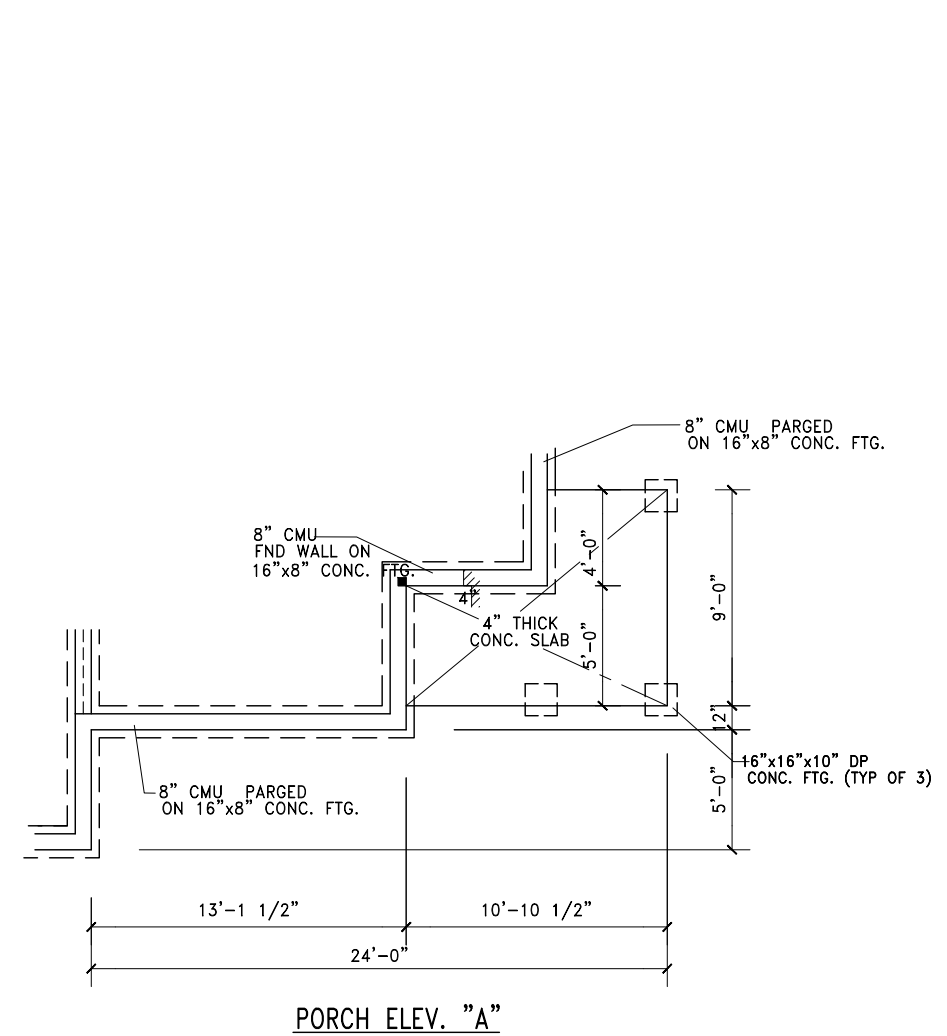
ADAMS & HODGE  
ENGINEERING, P.C.



Stem Wall  
Foundation

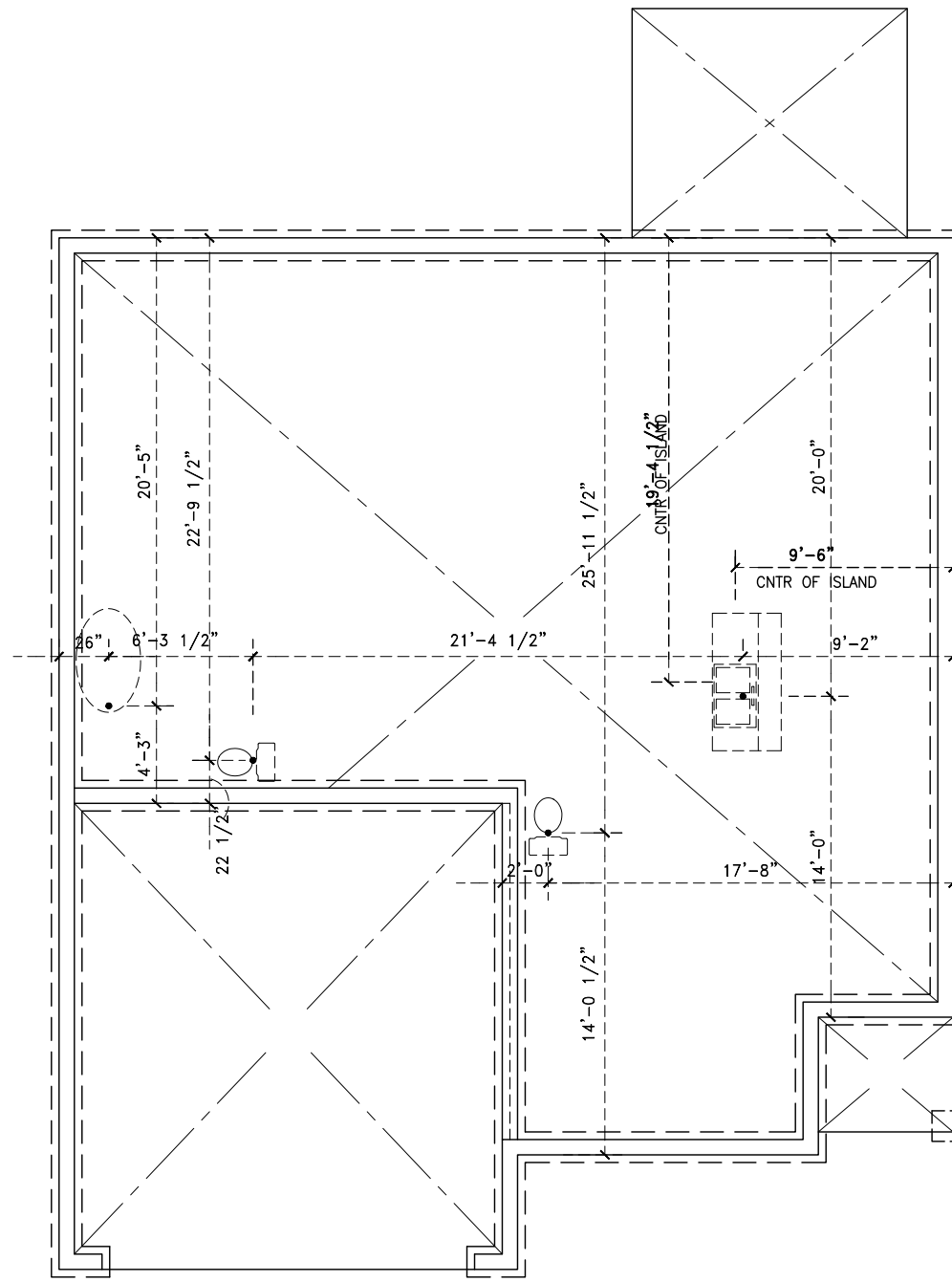
Furyk  
Front Porch  
Option

FILE  
DESIGN ADS  
DRAWN ADS  
CHECKED  
DATE 2/22/21  
SHEET  
2SW-B



Project Number: 2101-010034  
\* Structural analysis based on NC Residential Building Code 2018  
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SCALE  
24"x36" = 1/4"=1'-0"  
11"x17" = 1/8"=1'-0"



PLUMBING LAYOUT

SCALE  
 24"X36" = 1/4"=1'-0"  
 11"X17" = 1/8"=1'-0"

REVISIONS:

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 CLAYTON, NC 27520  
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ADAMS & HODGE  
 ENGINEERING, P C



Plumbing  
 Layout

Furyk

FILE

DESIGN  
 ADS

DRAWN  
 ADS

CHECKED

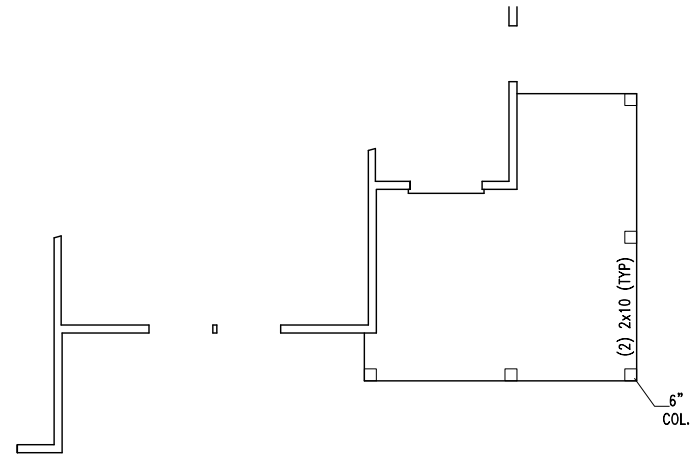
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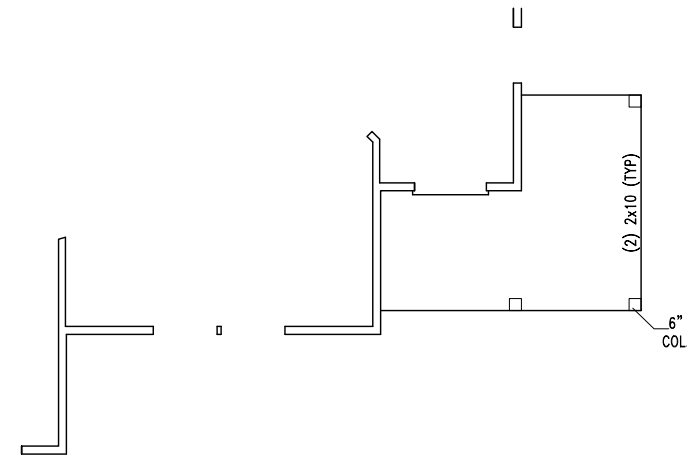
2A



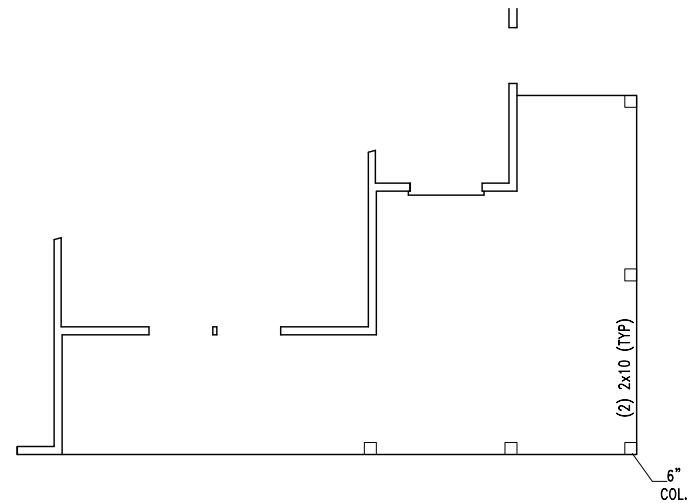




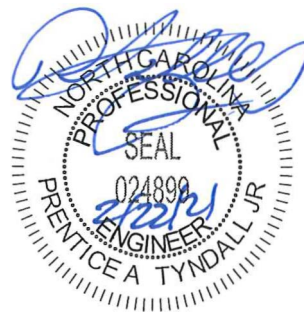
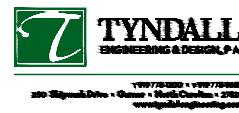
PORCH ELEV. "B"



PORCH ELEV. "A"



PORCH ELEV. "C"



Project Number: 2101-010034  
 \* Structural analysis based on NC Residential Building Code 2018  
 The Engineer's seal applies only to structural components on this document. The seal does not include construction means, methods, techniques, procedures, or safety precautions. Any deviations or discrepancies on plans are to be brought to the immediate attention of Tyndall Engineering & Design, P.A. Failure to do so will void Tyndall Engineering's Liability.

FIRST FLOOR PLAN

SCALE	
24"x36"	= 1/4"=1'-0"
11"x17"	= 1/8"=1'-0"

REVISIONS:

314 EAST MAIN STREET  
 CLAYTON, NC 27520  
 info@adamsandhodge.com  
 919-234-1332  
 FIRM # C-4187

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 ENGINEERING, P.C.



1st Floor  
 Structural

Furyk  
 Optional  
 Wrap Porch

FILE

DESIGN  
 ADS

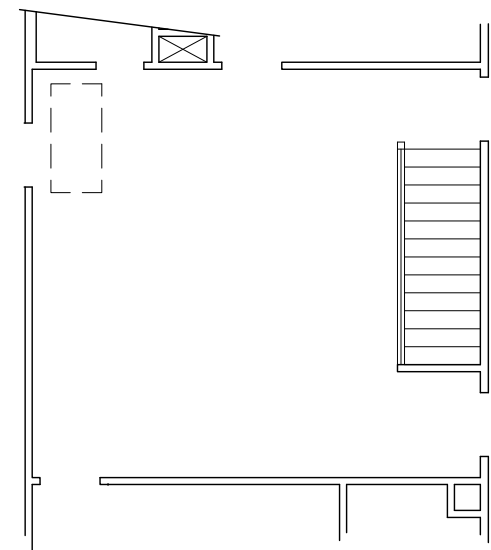
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 ADS

CHECKED

DATE  
 2/22/21

SHEET

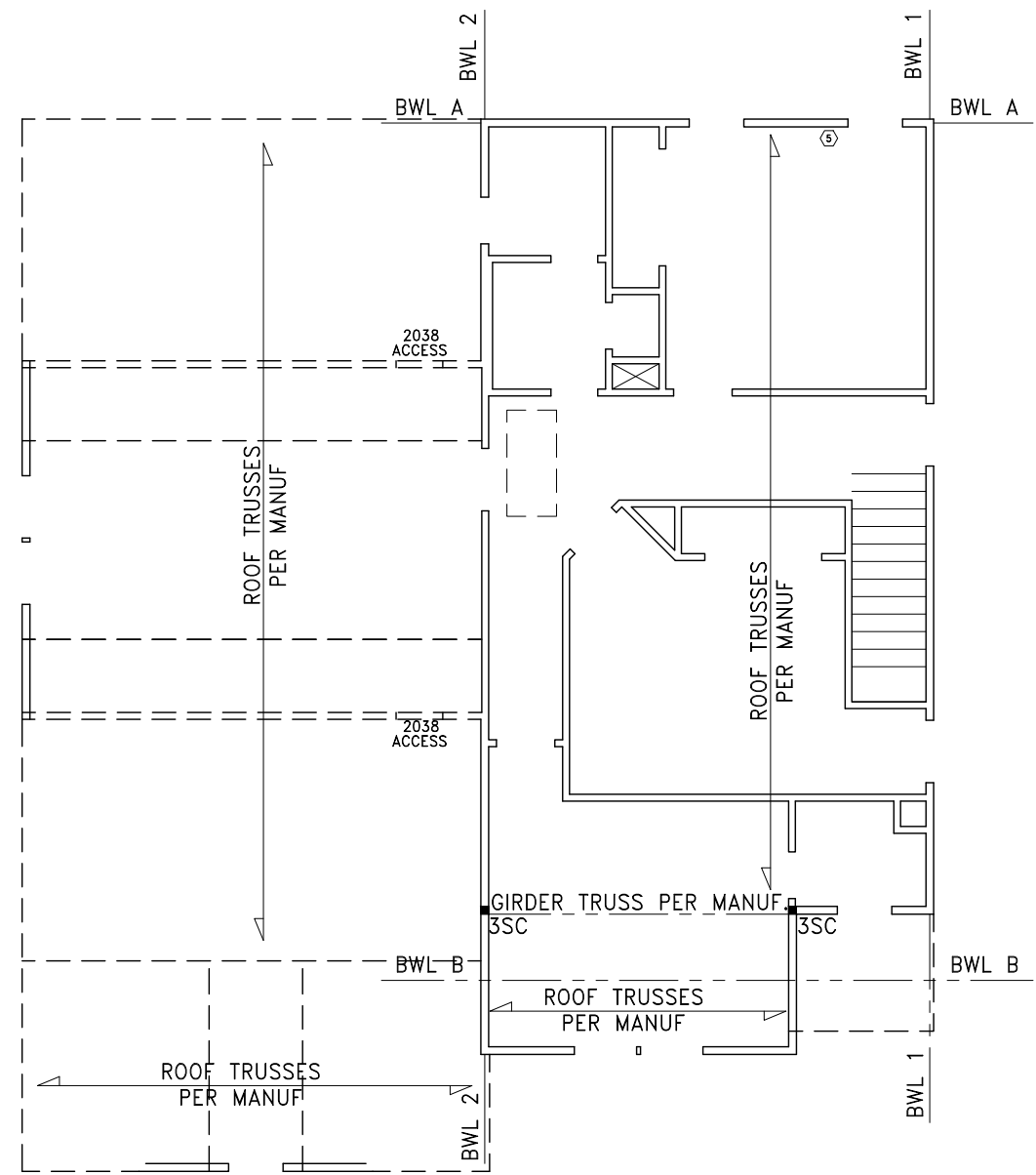
3A



LOFT OPTION

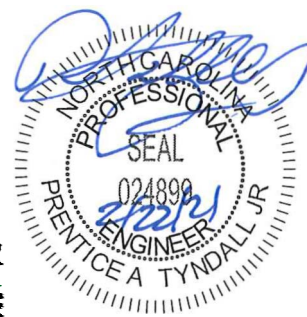
BRACING PANEL LENGTHS REQUIRED:  
 BWL A = 7.06 FT CS-WSP  
 BWL B = 7.06 FT CS-WSP  
 BWL 1 = 4.00 FT CS-WSP  
 BWL 2 = 4.00 FT CS-WSP

BRACING PANEL LENGTHS PROVIDED:  
 BWL A = 13.33 FT  
 BWL B = 8.00 FT  
 BWL 1 = 28.67 FT  
 BWL 2 = 35.33 FT



SECOND FLOOR STRUCTURALS

SCALE  
 24"x36" = 1/4"=1'-0"  
 11"x17" = 1/8"=1'-0"



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**A&H**

2nd Floor  
 Structurals

Furyk

FILE

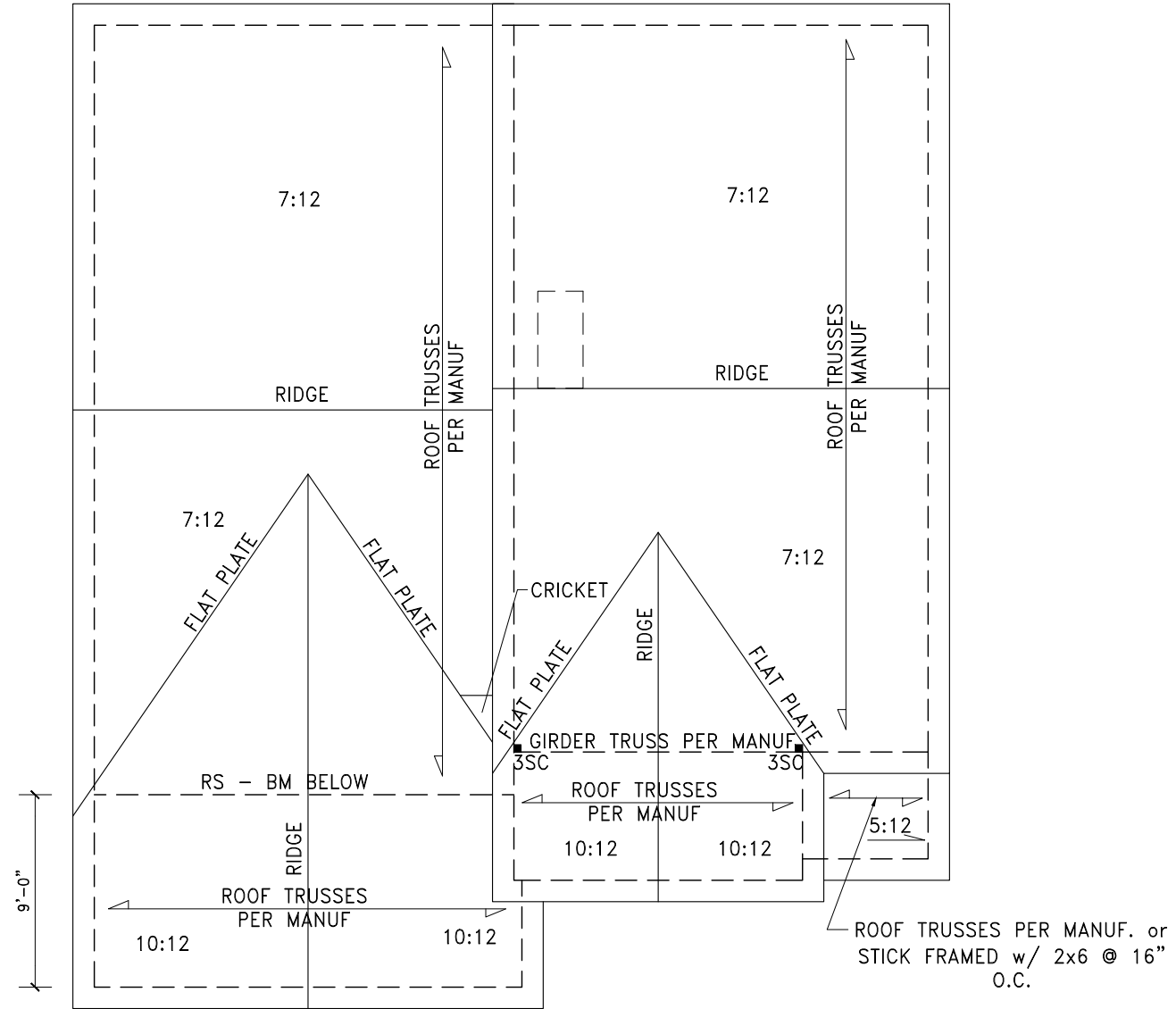
DESIGN  
 ADS

DRAWN  
 ADS

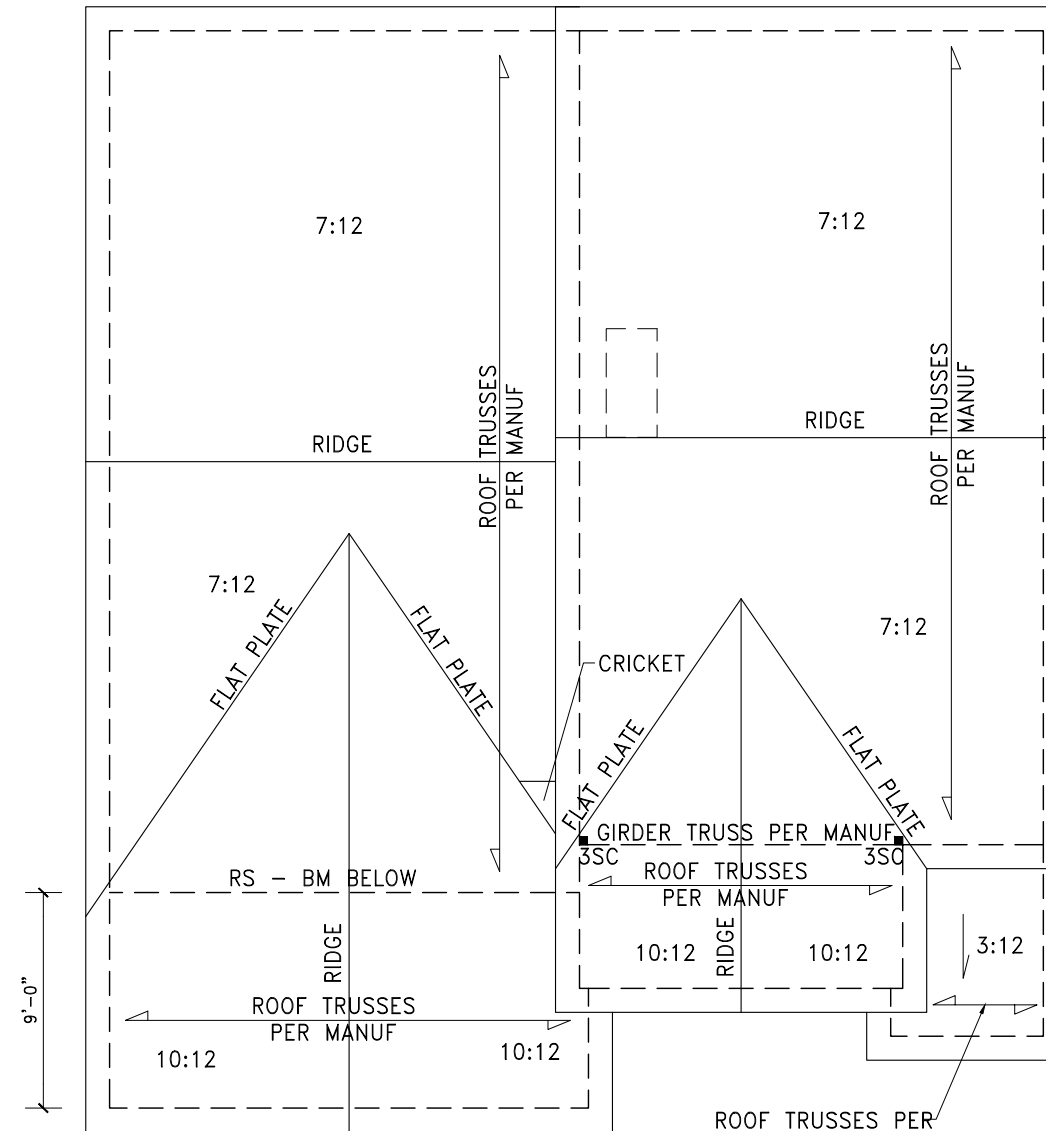
CHECKED

DATE  
 2/22/21

SHEET  
 4



ELV. "A"



ELV. "B"

ROOF FRAMING PLAN



Project Number: 2101-010034  
 \*Structural analysis based on NC Residential Building Code 2018  
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SCALE  
 24"x36" = 1/4"=1'-0"  
 11"x17" = 1/8"=1'-0"

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Roof Framing

Furyk

FILE

DESIGN  
 ADS

DRAWN  
 ADS

CHECKED

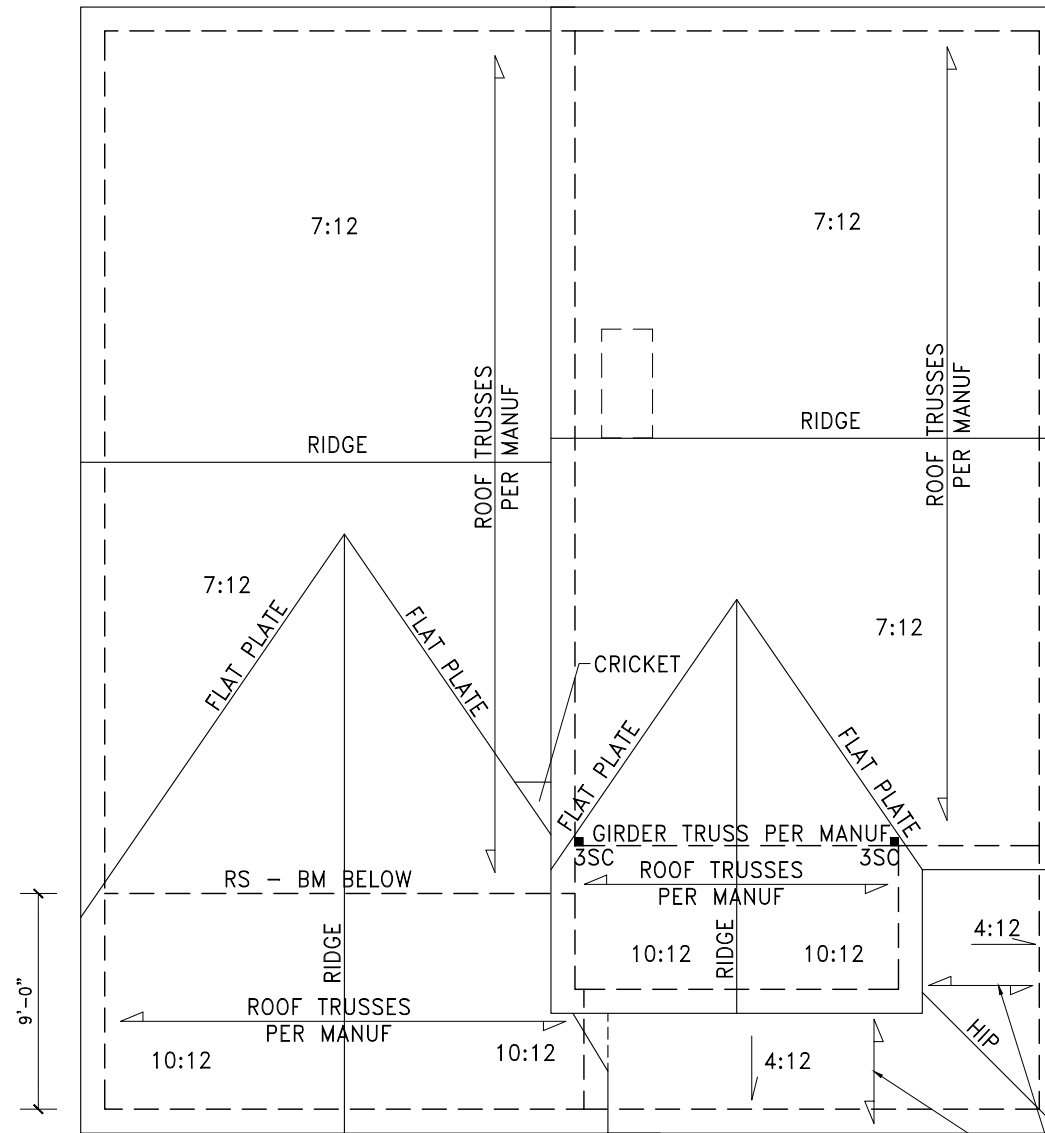
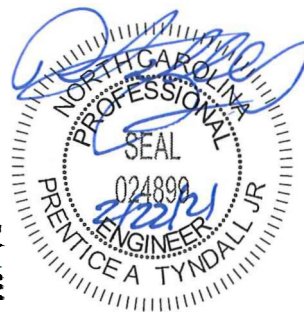
DATE  
 2/22/21

SHEET

5A/B



Project Number: 2101-010034  
 \* Structural analysis based on NC Residential Building Code 2018  
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ELV. "C"

**ROOF FRAMING PLAN**

ROOF TRUSSES PER MANUF. or  
 STICK FRAMED w/ 2x6 @ 16"  
 O.C.

SCALE	
24"x36"	= 1/4"=1'-0"
11"x17"	= 1/8"=1'-0"

REVISIONS:

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**ADAMS & HODGE**  
 ENGINEERING, P.C.



**Roof Framing**

**Furyk**

FILE

DESIGN  
 ADS

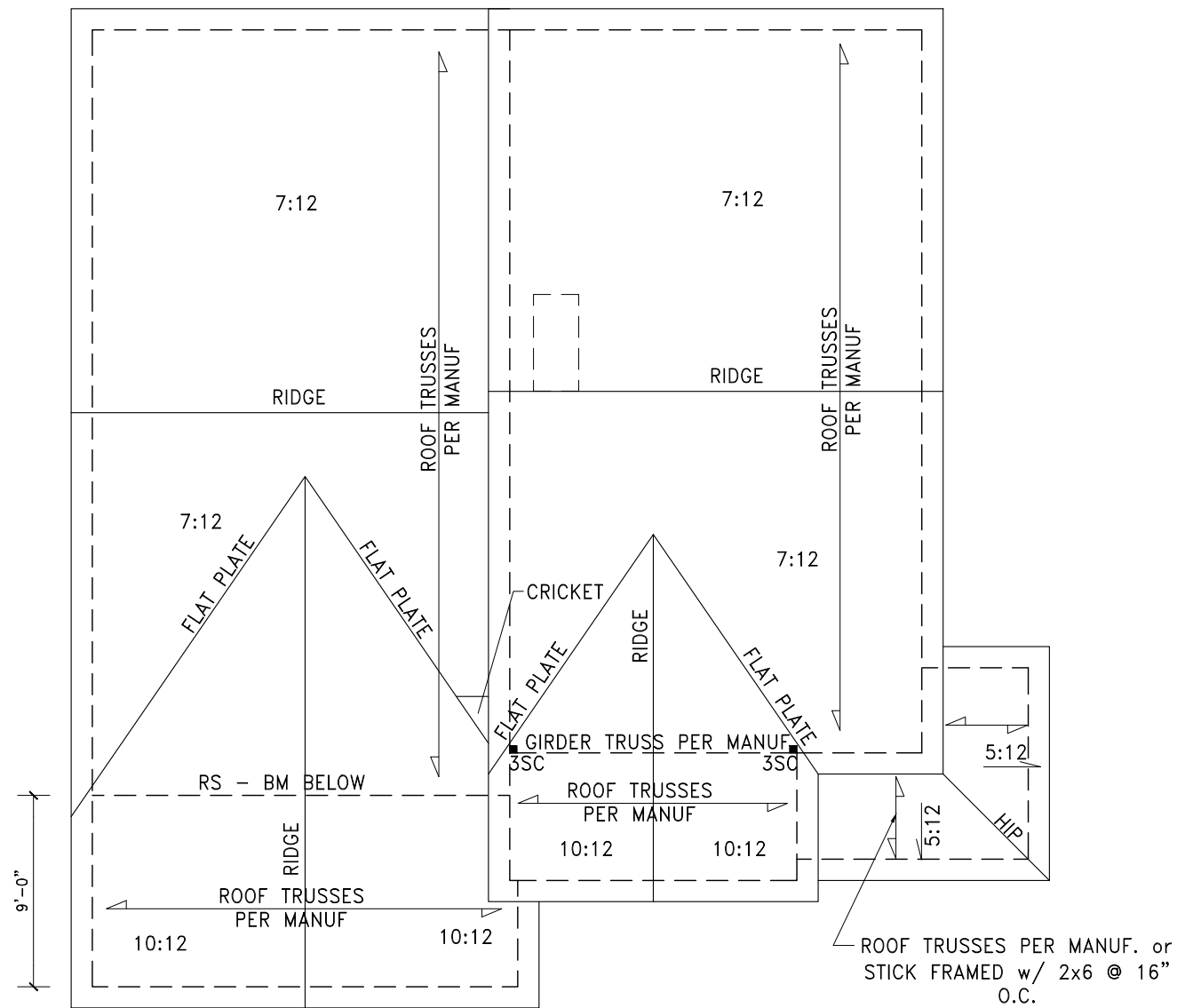
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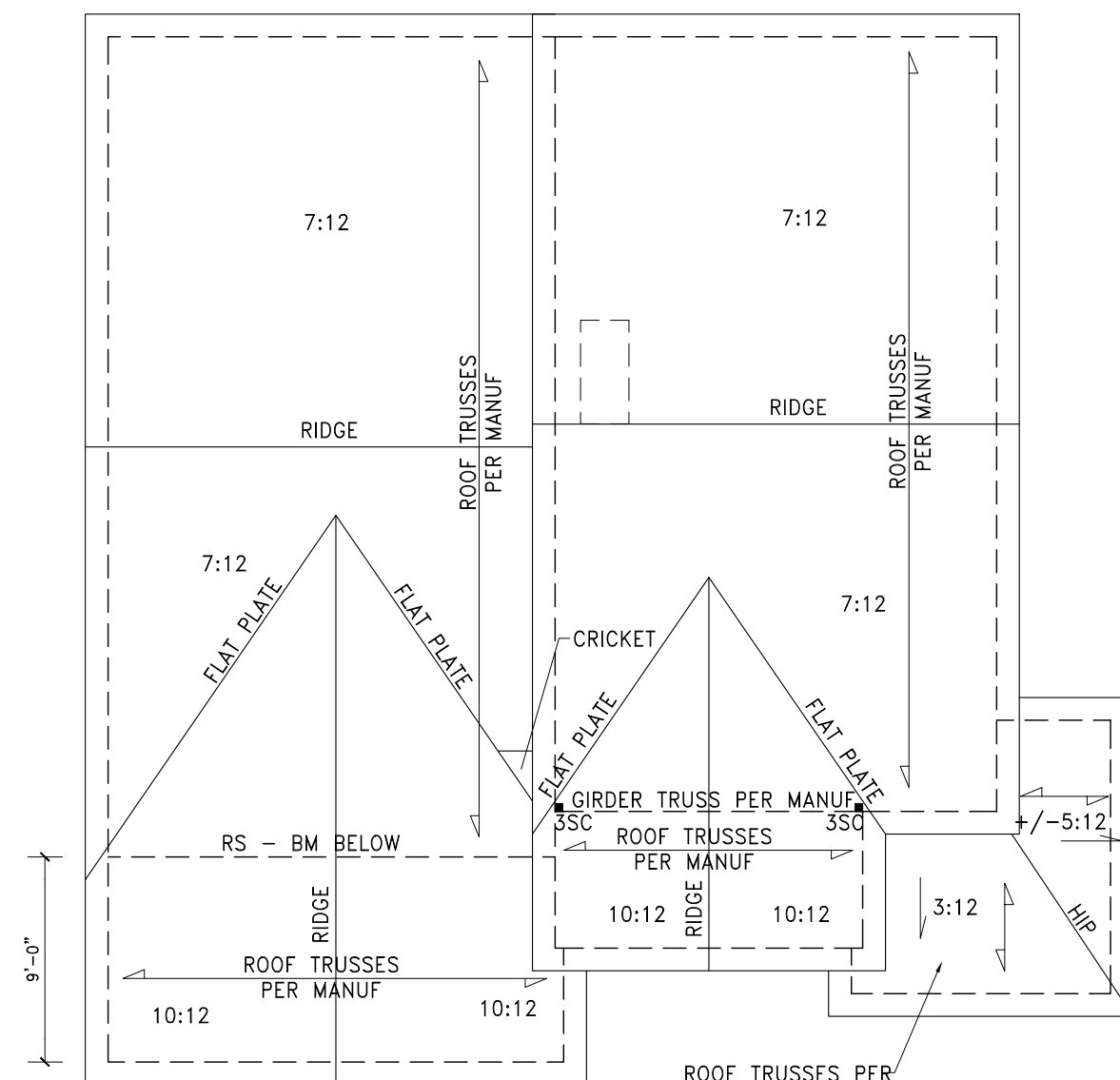
DATE  
 2/22/21

SHEET

5C

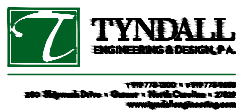


ELV. "A"



ELV. "B"

ROOF FRAMING PLAN



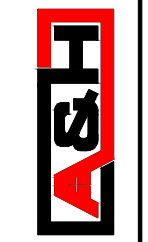
Project Number: 2101-010034  
 \* Structural analysis based on NC Residential Building Code 2018  
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SCALE  
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 11"x17" = 1/8"=1'-0"

REVISIONS:  
 12/04/2020

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Roof Framing

Furyk Front Porch Option

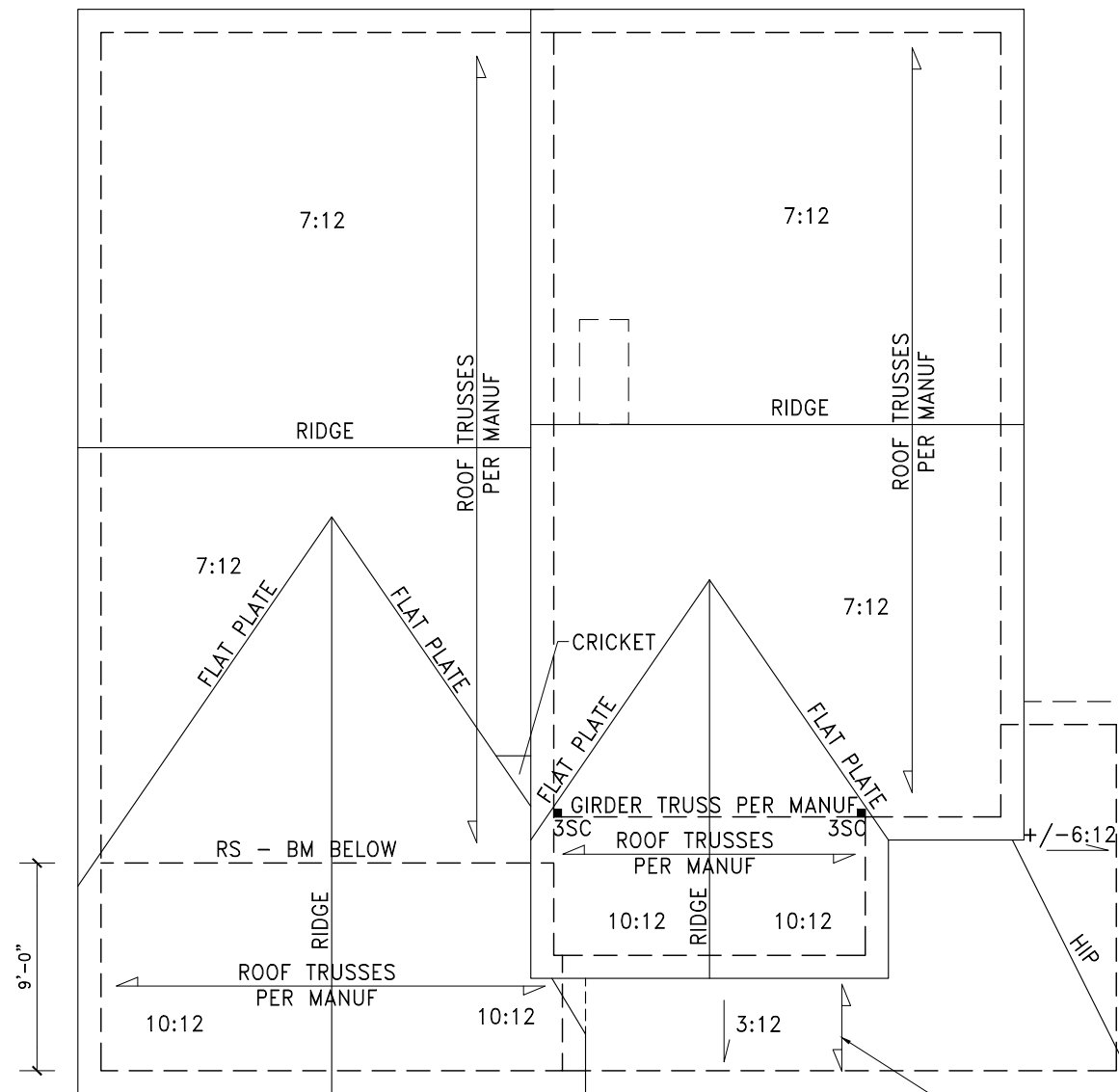
FILE  
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 CHECKED

DATE 2/22/21  
 SHEET

5A/B-OPT



Project Number: 2101-010034  
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ELV. "C"  
**ROOF FRAMING PLAN**

ROOF TRUSSES PER MANUF. or  
 STICK FRAMED w/ 2x6 @ 16"  
 O.C.

SCALE  
 24"x36" = 1/4"=1'-0"  
 11"x17" = 1/8"=1'-0"

REVISIONS:

12/04/2020

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 ENGINEERING, P.C.



**Roof Framing**

**Furyk Front Porch Option**

FILE

DESIGN  
 ADS

DRAWN  
 ADS

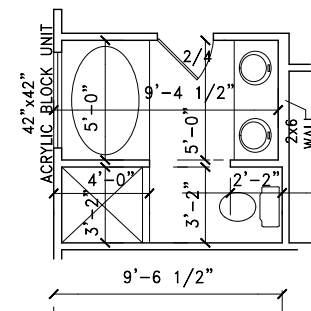
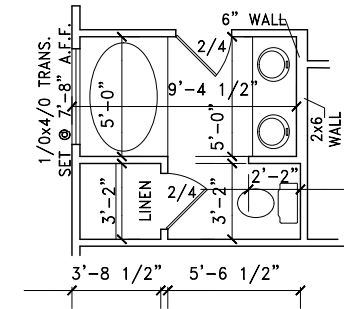
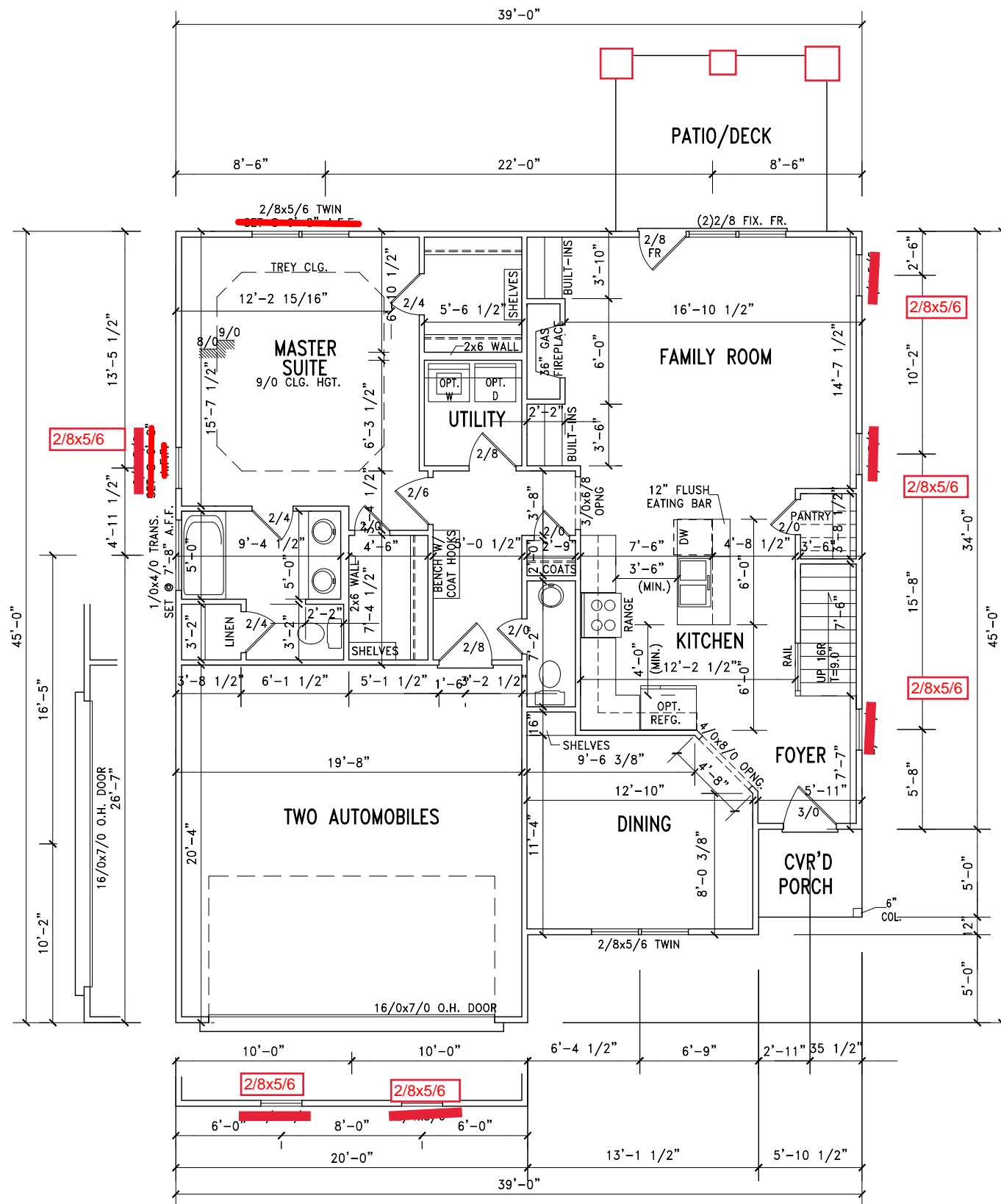
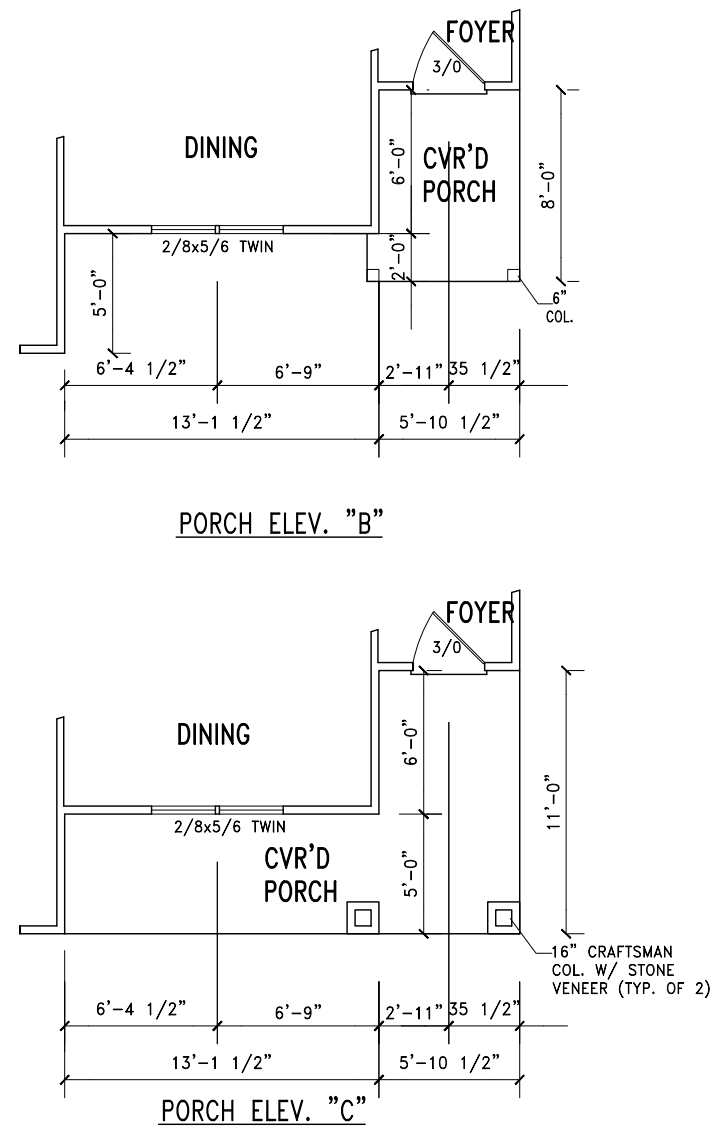
CHECKED

DATE  
 2/22/21

SHEET

5C-OPT.





SQUARE FOOTAGE	
1st FLOOR HTD.	1223
2nd FLOOR HTD.	707
<b>TOTAL HTD.</b>	<b>1930</b>
GARAGE 401	
OPT. REC. ROOM 300	
PATIO/DECK 120	
ELV "A" PORCH 29	
ELV "B" PORCH 48	
ELV "C" PORCH 130	

- 1ST FLOOR PLAN NOTES:**
- 9'-0" CLG. HGT. (9'-1 1/2" PLT. HGT.) UNLESS OTHERWISE NOTED.
  - ALL EXTERIOR WALLS FIGURED AT 4" NOMINAL WIDTHS UNLESS OTHERWISE NOTED.
  - ALL INTERIOR WALLS FIGURED AT 3 1/2" WIDTHS UNLESS OTHERWISE NOTED.
  - SET WINDOWS AT 7'-8" A.F.F. UNLESS OTHERWISE NOTED.
  - DIMENSIONS ARE TO FRAMING UNLESS OTHERWISE NOTED.

SCALE	
24"x36" = 1/4" = 1'-0"	
11"x17" = 1/8" = 1'-0"	

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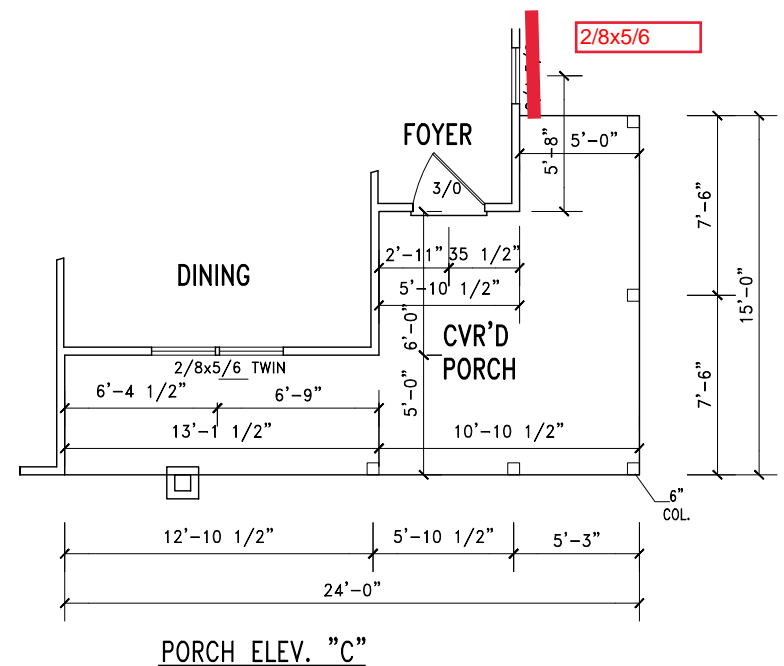
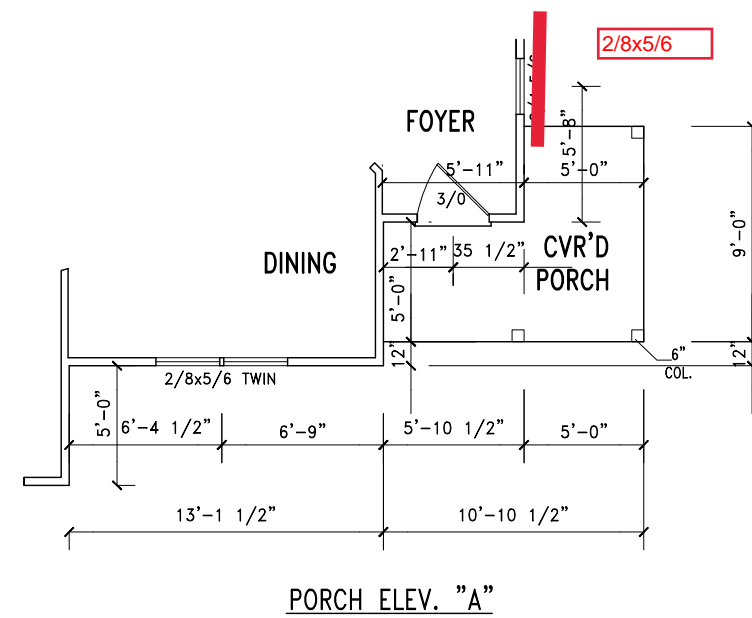
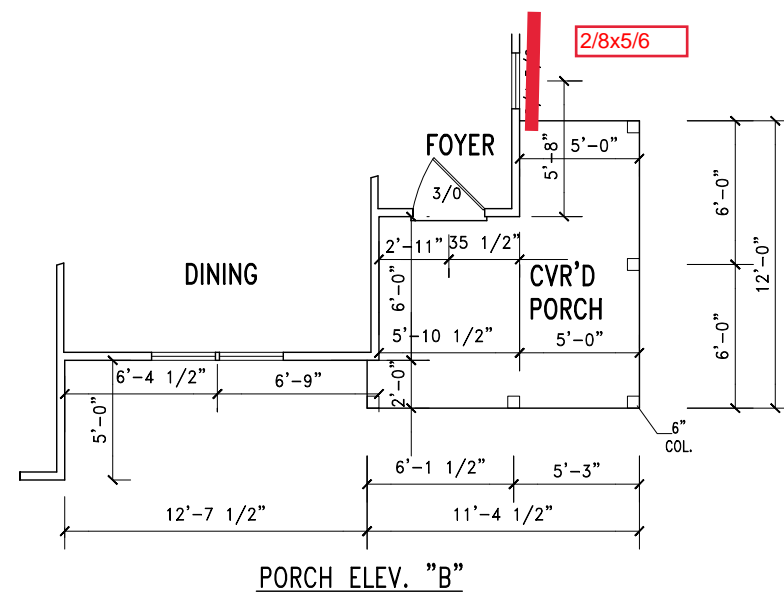
**A&H**

**1st Floor Plan**

**Furyk**

FILE	
DESIGN	ADS
DRAWN	ADS
CHECKED	
DATE	2/22/21
SHEET	

6



FIRST FLOOR PLAN

OPTIONAL WRAP PORCH SQUARE FOOTAGE	
ELV "A" PORCH	74
ELV "B" PORCH	108
ELV "C" PORCH	205

- 1ST FLOOR PLAN NOTES:
- 1) 9'-0" CLG. HGT. (9'-1 1/2" PLT. HGT.) UNLESS OTHERWISE NOTED.
  - 2) ALL EXTERIOR WALLS FIGURED AT 4" NOMINAL WIDTHS UNLESS OTHERWISE NOTED.
  - 3) ALL INTERIOR WALLS FIGURED AT 3 1/2" WIDTHS UNLESS OTHERWISE NOTED.
  - 4) SET WINDOWS AT 7'-8" A.F.F. UNLESS OTHERWISE NOTED.
  - 5) DIMENSIONS ARE TO FRAMING UNLESS OTHERWISE NOTED.

SCALE	
24"X36"	= 1/4"=1'-0"
11"X17"	= 1/8"=1'-0"

REVISIONS:  
12/04/2020

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CLAYTON, NC 27520  
info@adams-hodge.com  
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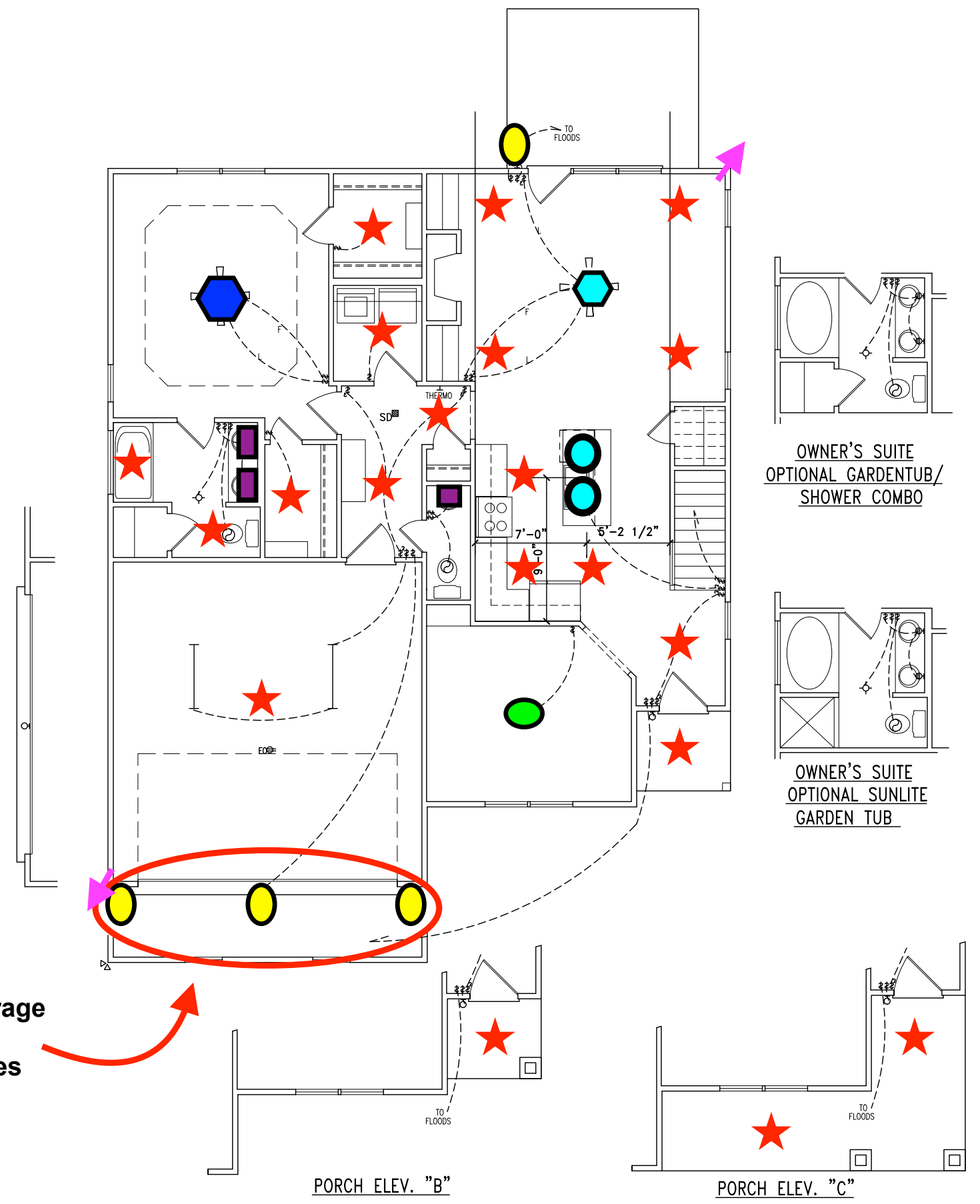
1st  
Floor Plan

Furyk  
Optional  
Wrap Porch





































FILE  
DESIGN ADS  
DRAWN ADS  
CHECKED  
DATE 2/22/21  
SHEET  
6A



-  **Disk Light**
-  **Dining Fixture**
-  **Flush Mount**
-  **Vanity Wall Fixture**
-  **Ceiling Fan**
-  **Ceiling Fan Pre-Wire**
-  **Exterior Wall Mount**
-  **Flood Lights**
-  **Pendant Lights**



**1 Over Garage  
OR  
2 on Sides**

ELECTRICAL SYMBOLS			
	CEILING MOUNTED LIGHT FIXTURE		SINGLE RECEPTACLE OUTLET
	DIRECTIONAL CLG. LIGHT FIXTURE		DUPLEX RECEPTACLE OUTLET
	RECESSED LIGHT FIXTURE		QUADRUPLEX RECEPTACLE OUTLET
	WALL MOUNTED LIGHT FIXTURE		FLOOR OUTLET
	EXTERIOR FLOOD LIGHT		DUPLEX RECEPTACLE OUTLET SPLIT USED
	TRACK LIGHT FIXTURE		220 VOLT OUTLET
	CHIMES		WATER PROOF OUTLET
	SINGLE POLE WALL SWITCH		TELEPHONE OUTLET
	3-WAY POLE WALL SWITCH		TV OUTLET
	FOUR-WAY SWITCH		GROUND FAULT INTERCEPTOR
	GROUND FAULT INTERCEPTOR		RECESSED LIGHT FIXTURE ANGLE CUT
	WATER PROOF SWITCH		PULL CHAIN LIGHT FIXTURE
	DIMMER SWITCH		FLUORESCENT LIGHT BOX
	TIMER SWITCH		CEILING FAN
	FLUORESCENT LIGHT		EXHAUST FAN
	ELECTRICAL OUTLET GARAGE DOOR OPENER		SMOKE DETECTOR
	HANGING LIGHT FIXTURE		EXHAUST FAN/LIGHT
	CEILING FAN/LIGHT		SHOWER LIGHT

NOTE:  
 (1) ALL RECEPTACLE PLACEMENT TO CODE.  
 (2) PLEASE NOTE RECEPTACLE PLACEMENT PER BUILDER.

SCALE	
24"x36" = 1/4"=1'-0"	
11"x17" = 1/8"=1'-0"	

REVISIONS:  
12/04/2020

314 EAST MAIN STREET  
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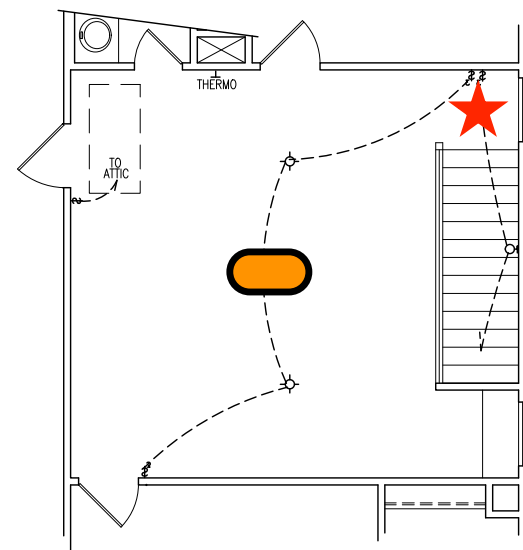
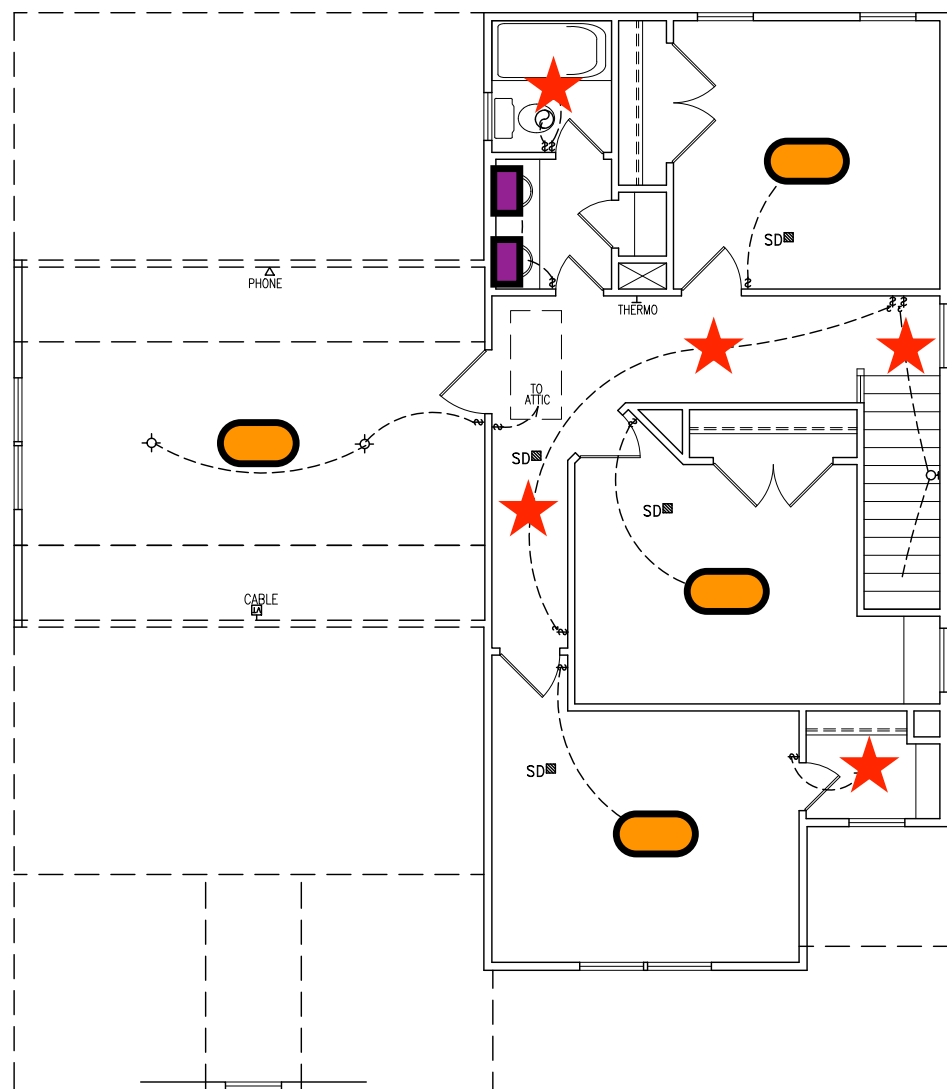
**ADAMS & HODGE**  
ENGINEERING, P.C.

**A&H**

**Electricals**

**Furyk**

FILE	
DESIGN	ADS
DRAWN	ADS
CHECKED	
DATE	2/22/21
SHEET	8



LOFT OPTION

ELECTRICAL SYMBOLS			
	CEILING MOUNTED LIGHT FIXTURE		SINGLE RECEPTACLE OUTLET
	DIRECTIONAL CLG. LIGHT FIXTURE		DUPLEX RECEPTACLE OUTLET
	RECESSED LIGHT FIXTURE		QUADRUPLEX RECEPTACLE OUTLET
	WALL MOUNTED LIGHT FIXTURE		FLOOR OUTLET
	EXTERIOR FLOOD LIGHT		DUPLEX RECEPTACLE OUTLET SPLIT USED
	TRACK LIGHT FIXTURE		220 VOLT OUTLET
	CHIMES		WATER PROOF OUTLET
	SINGLE POLE WALL SWITCH		TELEPHONE OUTLET
	3-WAY POLE WALL SWITCH		TV OUTLET
	FOUR-WAY SWITCH		GROUND FAULT INTERCEPTOR
	GROUND FAULT INTERCEPTOR		RECESSED LIGHT FIXTURE ANGLE CUT
	WATER PROOF SWITCH		PULL CHAIN LIGHT FIXTURE
	DIMMER SWITCH		FLUORESCENT LIGHT BOX
	TIMER SWITCH		CEILING FAN
	FLUORESCENT LIGHT		EXHAUST FAN
	ELECTRICAL OUTLET GARAGE DOOR OPENER		SMOKE DETECTOR
	HANGING LIGHT FIXTURE		EXHAUST FAN/LIGHT
	CEILING FAN/LIGHT		SHOWER LIGHT

NOTE:  
 (1) ALL RECEPTACLE PLACEMENT TO CODE.  
 (2) PLEASE NOTE RECEPTACLE PLACEMENT PER BUILDER.

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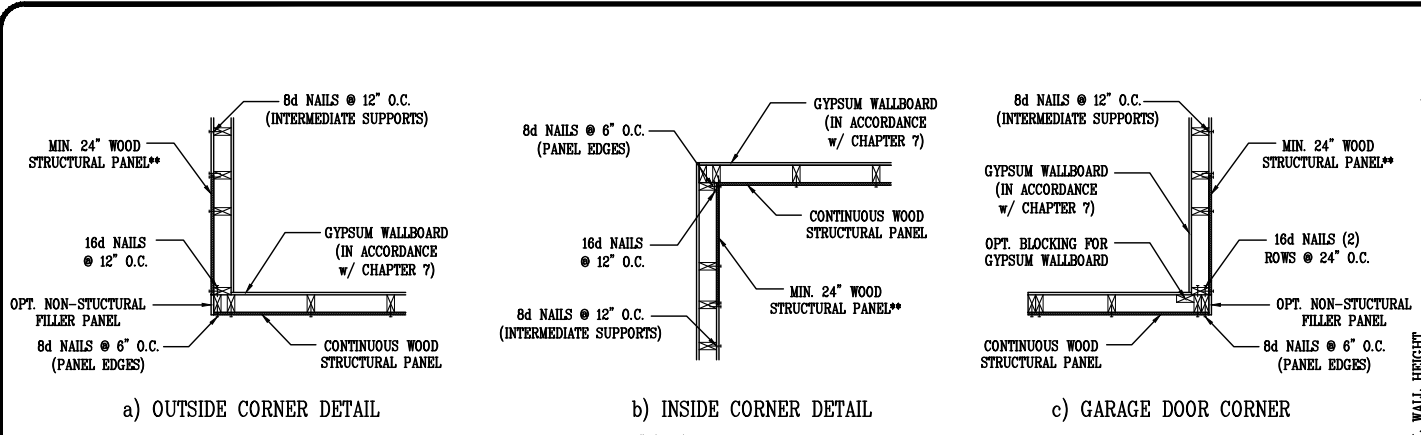
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 ENGINEERING, P.C.



Electricals

Furyk

FILE  
 DESIGN ADS  
 DRAWN ADS  
 CHECKED  
 DATE 2/22/21  
 SHEET 8



\*\* IN LIEU OF THE 24" (MIN.) CORNER RETURN, A HOLD-DOWN DEVICE WITH A MINIMUM UPLIFT DESIGN VALUE OF 800# SHALL BE FASTENED TO THE CORNER STUD AND TO THE FOUNDATION OR FRAMING BELOW.

**B1: TYPICAL EXTERIOR CORNER FRAMING FOR CONTINUOUS SHEATHING**  
NO SCALE

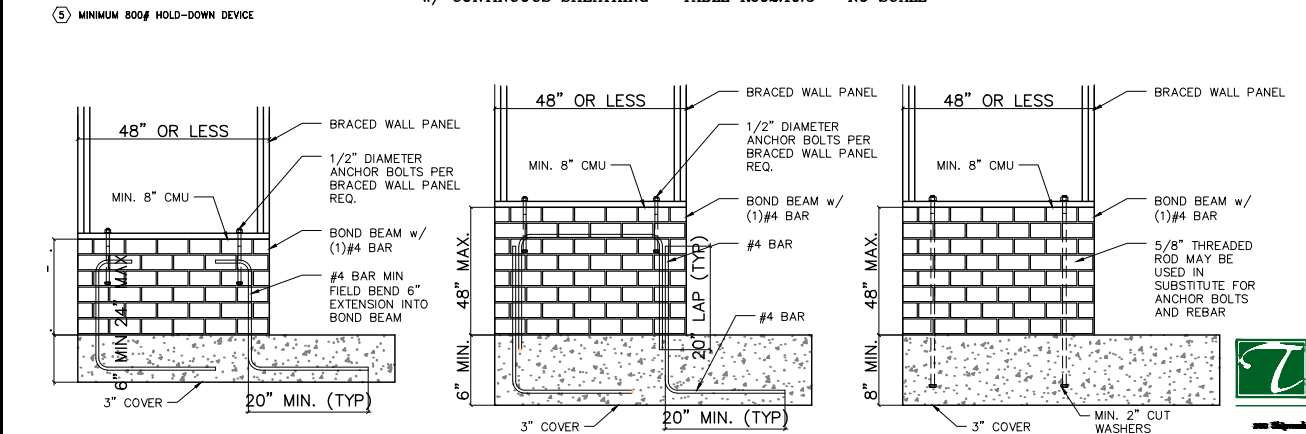
**STRUCTURAL SHEATHING NOTES**

- DESIGNED FOR SEISMIC ZONE A-C AND WIND SPEEDS OF 100 MPH OR LESS.
- WALLS SHALL BE BRACED IN ACCORDANCE WITH SECTION R602.10 OF THE 2012 IRC.
- BRACING REQUIREMENTS SHALL BE PER TABLE R602.10.5(1).
- REFER TO SECTION R602.10.8 & R602.10.9 FOR REQUIRED BRACED WALL PANEL (BWP) CONNECTION & SUPPORT.
- REFERENCE FIGURE R602.10.9 OF THE 2012 IRC.
- INTERIOR BRACED WALL PANELS (BWP) INDICATED SHALL BE SHEATHED IN ACCORDANCE WITH THE GB METHOD OR WSP METHOD AS PRESCRIBED IN SECTION R602.10.4 (UNO).
- 1/2" GYPSUM BOARD (GB) MINIMUM LENGTH OF 8'-0", 4'-0" IF BOTH SIDES ARE SHEATHED. SECURE w/ 5d COOLER NAILS (OR EQUAL PER TABLE R702.5.5) SPACED @ 7" O.C. AT PANEL EDGES, INCLUDING TOP AND BOTTOM PLATES & 7" O.C. AT INTERMEDIATE SUPPORTS.
- 3/8" WOOD STRUCTURAL PANEL (WSP) SECURE w/ 6d COMMON NAILS SPACED AT 6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS.
- EXTERIOR BRACED WALL PANELS (BWP) SHALL BE CONSTRUCTED IN ACCORDANCE WITH CS-WSP METHOD AS PRESCRIBED IN SECTION R602.10.4.2 (UNO).
- ALL SHEATHABLE SURFACES OF EXTERIOR WALLS (INCLUDING AREAS ABOVE AND BELOW OPENINGS AND GABLE END WALLS) SHALL BE CONTINUOUSLY SHEATHED WITH WOOD STRUCTURAL PANEL (WSP) SHEATHING WITH A MINIMUM THICKNESS OF 3/8". SHEATHING SHALL BE SECURED WITH MINIMUM 6d COMMON NAILS SPACED AT 6" O.C. AT PANEL EDGES AND SPACED AT 12" O.C. AT INTERMEDIATE SUPPORTS.
- LENGTH REQUIREMENTS FOR BRACED WALL PANELS WITH CS-WSP METHOD SHALL BE IN ACCORDANCE WITH TABLE R602.10.5.
- FOR CS-WSP METHOD, A MINIMUM 24" BRACED WALL PANEL CORNER RETURN SHALL BE PROVIDED AT BOTH ENDS OF A BRACED WALL LINE IN ACCORDANCE WITH FIGURE R602.10.7. IN LIEU OF A CORNER RETURN, A HOLD-DOWN DEVICE WITH A MINIMUM UPLIFT DESIGN VALUE OF 800# SHALL BE FASTENED TO THE CORNER STUD AND TO THE FOUNDATION OR FRAMING BELOW.

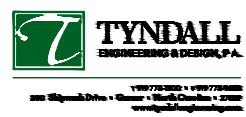
METHOD	ADJACENT CLEAR OPENING HEIGHT (INCHES)	WALL HEIGHT (FEET)				
		8	9	10	11	12
CS-WSP	64	24	27	30	33	36
	68	26	27	30	33	36
	72	27	27	30	33	36
	76	30	29	30	33	36
	80	32	30	30	33	36
	84	35	32	32	33	36
	88	38	35	33	33	36
	92	43	37	35	35	36
	96	48	41	38	36	36
	100	--	44	40	38	38
	104	--	49	43	40	39
	108	--	54	46	43	41
112	--	--	50	45	43	
116	--	--	55	48	45	
120	--	--	60	42	48	
124	--	--	--	56	51	
128	--	--	--	61	54	
132	--	--	--	66	58	
CS-G	≤ 120	24	27	30	33	36
CS-PF	≤ 120	16	18	20	22 <sup>e</sup>	24 <sup>e</sup>

FOR SI: 1 INCH = 25.4 MILLIMETERS, 1 FOOT = 304.8 MILLIMETERS.  
 a. INTERPOLATION SHALL BE PERMITTED.  
 e. MAXIMUM OPENING HEIGHT FOR CS-PF IS 10 FEET IN ACCORDANCE WITH FIGURE R602.10.6.4, BUT WALL HEIGHT MAY BE INCREASED TO 12 FEET WITH PONY WALL.

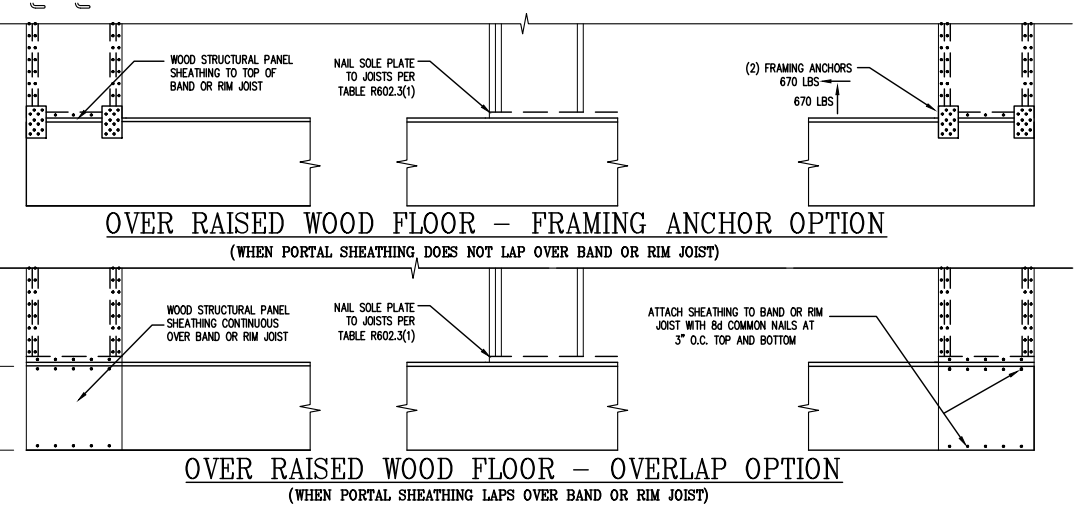
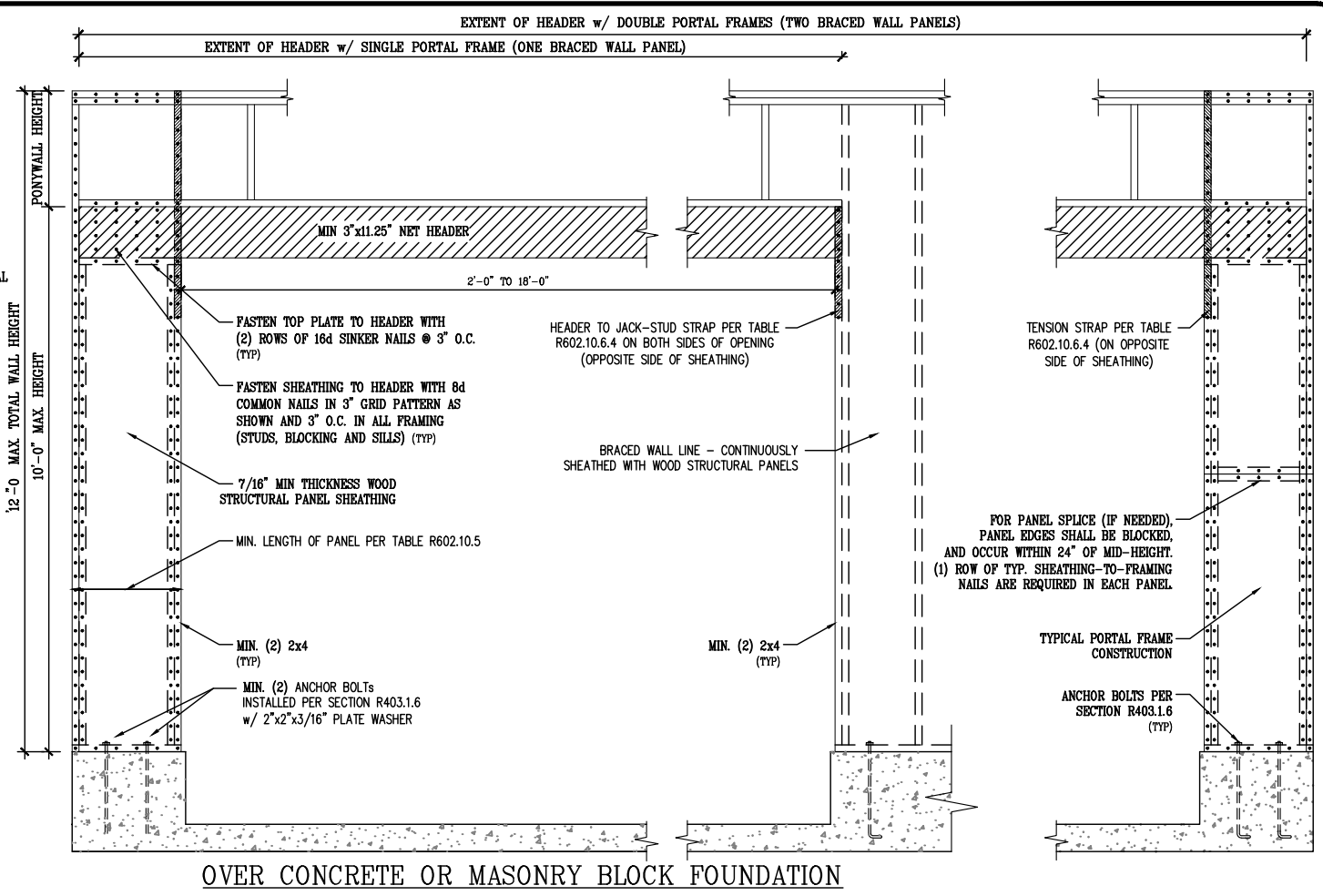
**B3: LENGTH REQUIREMENTS FOR BRACED WALL PANELS**  
w/ CONTINUOUS SHEATHING - TABLE R602.10.5 - NO SCALE



**B5: MASONRY STEM WALL SUPPORTING BRACED WALL PANELS**  
FIGURE R602.10.9 OF THE IRC  
NOTE: GROUT BOND BEAMS AND ALL CELLS WHICH CONTAIN REBAR, THREADED RODS AND ANCHOR BOLTS



Project Number: 2101-010034  
 \*Structural analysis based on NC Residential Building Code 2018  
 The Engineer's seal applies only to structural components on this document. The seal does not include construction means, methods, techniques, procedures, or safety precautions. Any deviations or discrepancies on plans are to be brought to the immediate attention of Tyndall Engineering & Design, PA. Failure to do so will void Tyndall Engineering's Liability.



**B2: METHOD CS-PF: CONTINUOUSLY SHEATHED PORTAL FRAME**  
FIGURE R602.10.8.4

METHOD	MATERIAL	MIN. THICKNESS	REQUIRED CONNECTION	
			● PANEL EDGES	● INTERMEDIATE SUPPORTS
CS-WSP	WOOD STRUCTURAL PANEL	3/8"	6d COMMON NAILS @ 6" O.C.	6d COMMON NAILS @ 12" O.C.
GB	GYPSUM BOARD	1/2"	5d COOLER NAIL** @ 7" O.C.	5d COOLER NAIL** @ 7" O.C.
WSP	WOOD STRUCTURAL PANEL	3/8"	6d COMMON NAILS @ 6" O.C.	6d COMMON NAILS @ 12" O.C.

**B4: BRACE WALL PANEL CONNECTIONS**  
\*\*OR EQUIVALENT PER TABLE R702.3.5

SCALE  
 24"x36" = 1/4"=1'-0"  
 11"x17" = 1/8"=1'-0"

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BRACING  
 DETAILS

Furyk

FILE  
 DESIGN ADS  
 DRAWN ADS  
 CHECKED  
 DATE 2/22/21  
 SHEET SD1