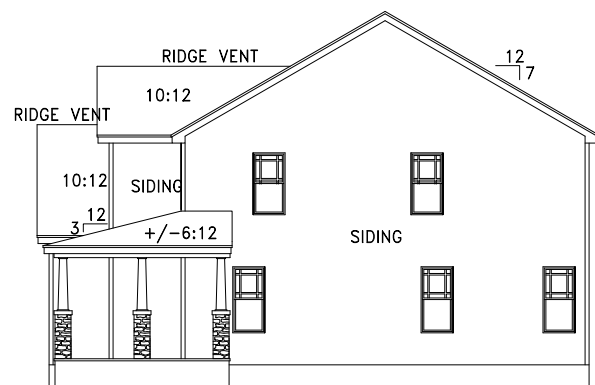
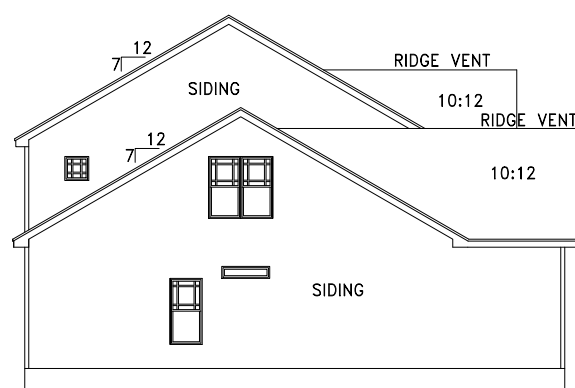




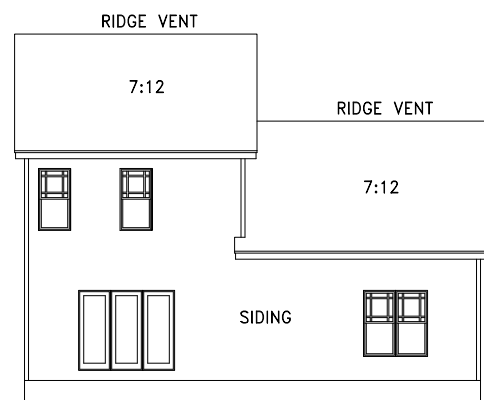
FRONT ELEVATION



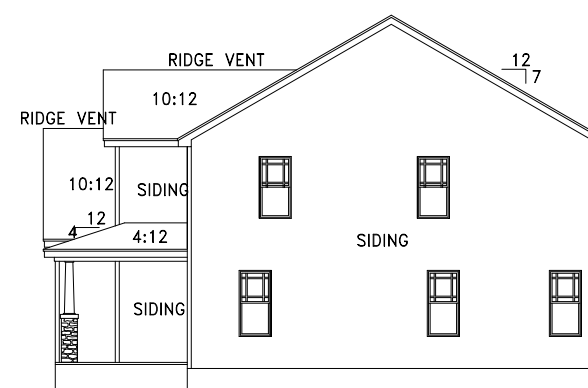
RIGHT ELEVATION



LEFT ELEVATION



REAR ELEVATION



RIGHT ELEVATION

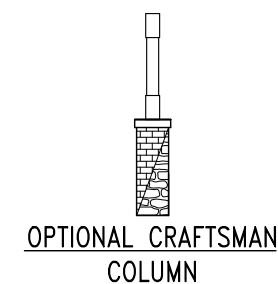


FRONT ELEVATION "C"

DOUBLE PAPER

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.

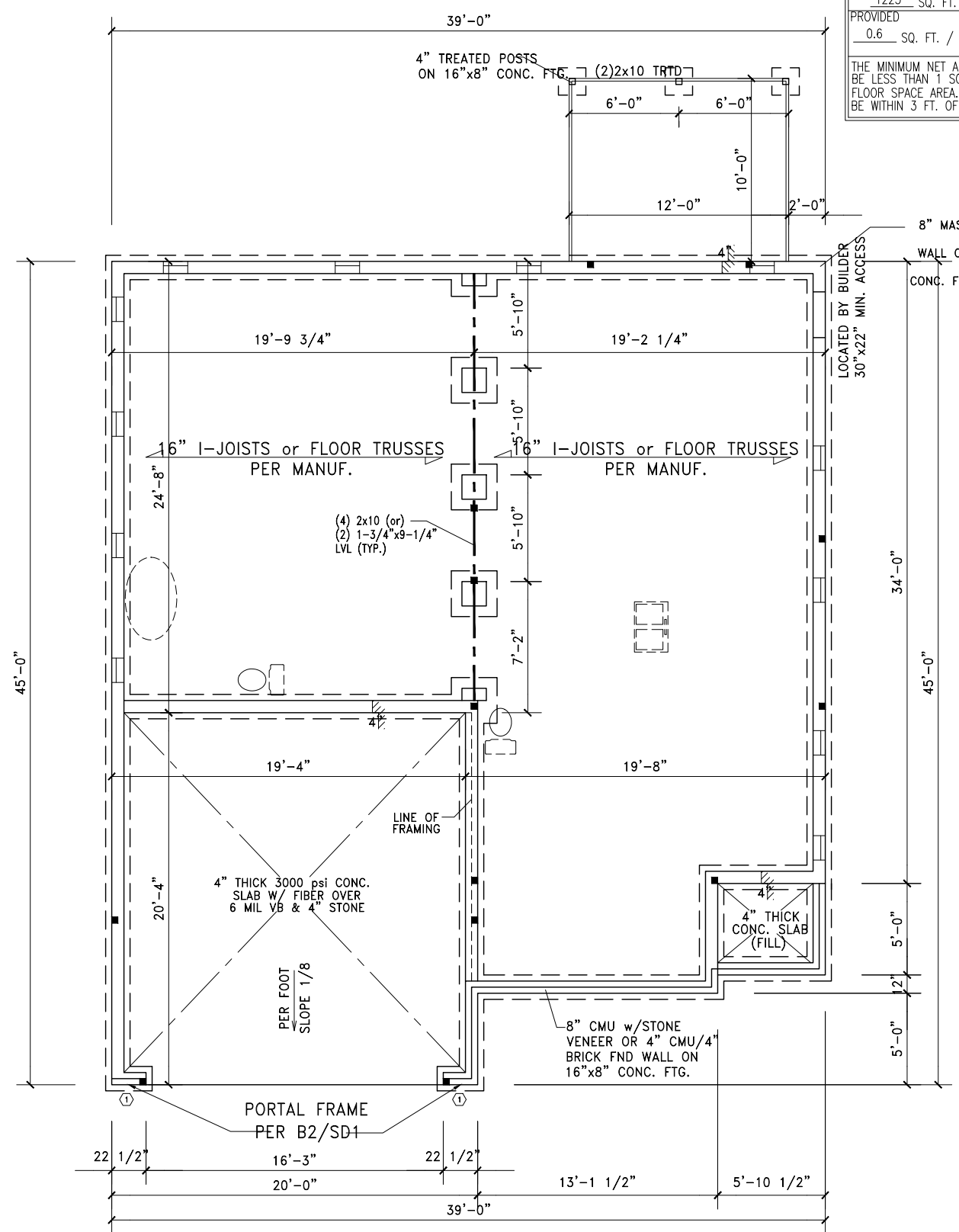
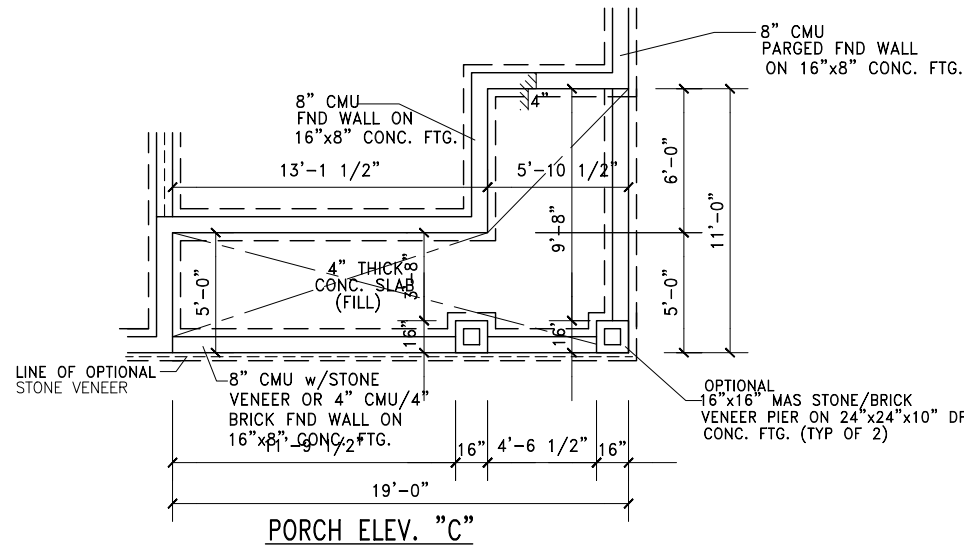
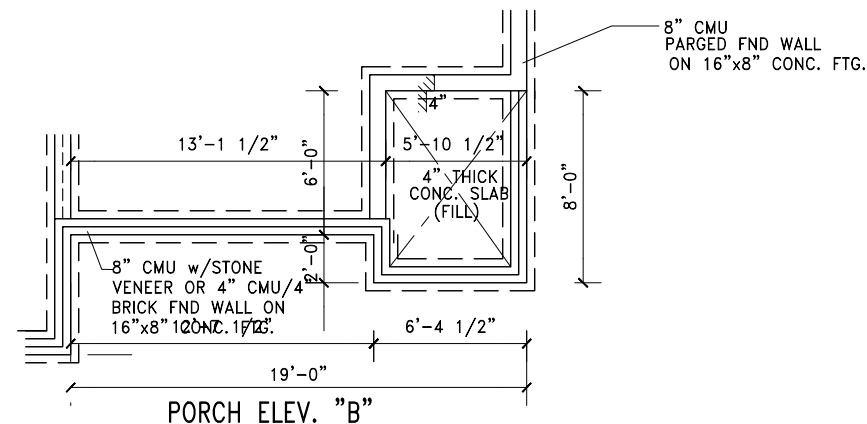


OPTIONAL CRAFTSMAN COLUMN

Alton Fields Lot 6 - 160 Beebalm Run

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

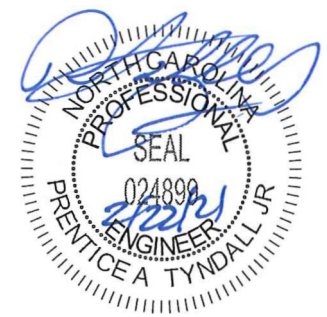
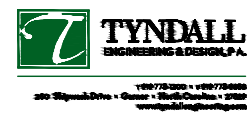
REVISIONS:	
12/04/2020	
314 EAST MAIN STREET CLAYTON, NC 27520 info@adamsandhodge.com 919-234-1332 FIRM # C-4187	
ADAMS & HODGE ENGINEERING, P.C.	
Crawlspace Elev. "C"	
Furyk	
FILE	
DESIGN	ADS
DRAWN	ADS
CHECKED	
DATE	2/22/21
SHEET	1C



FOUNDATION PLAN

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.	

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



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ADAMS & HODGE
 ENGINEERING, P.C.

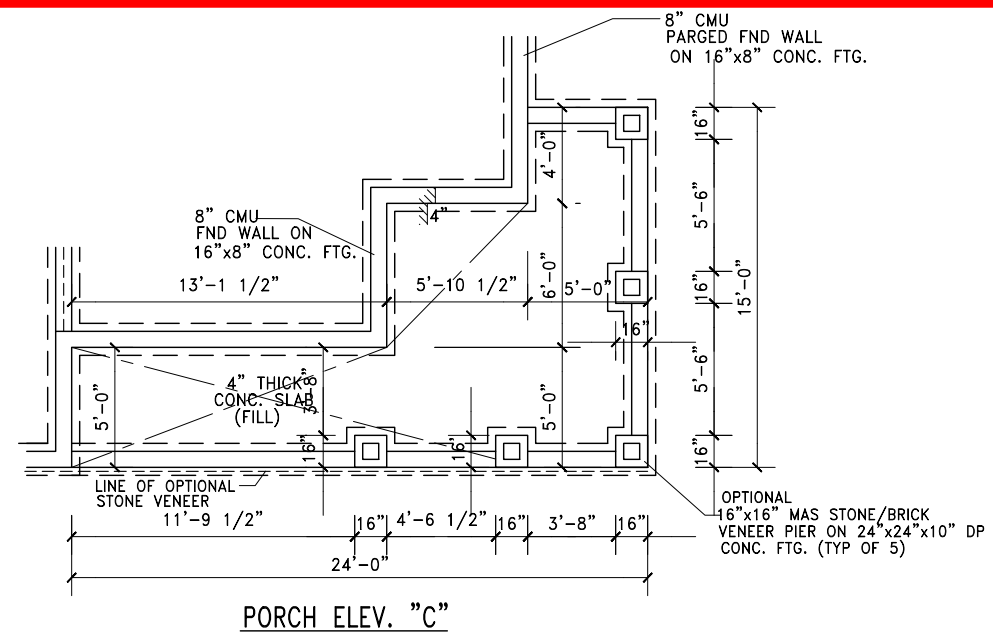
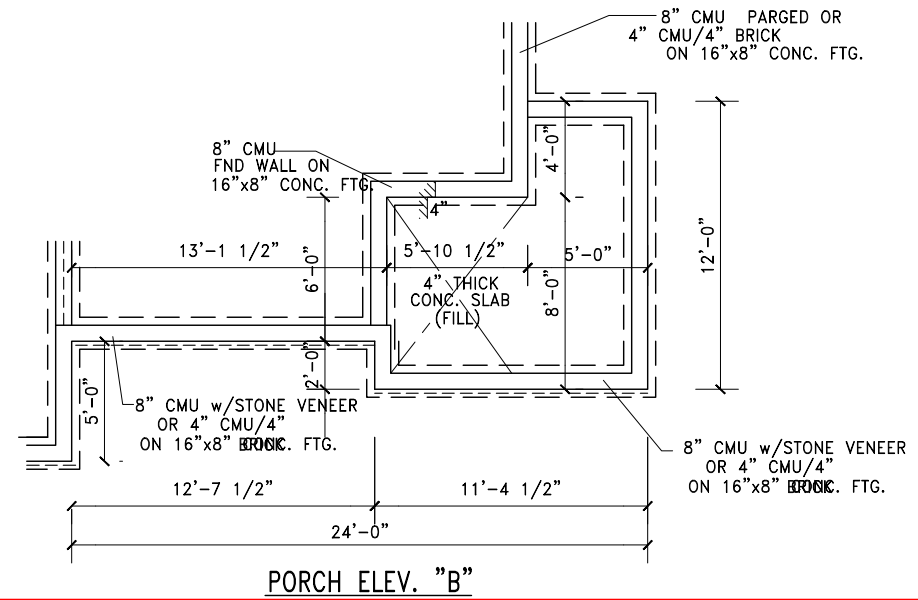
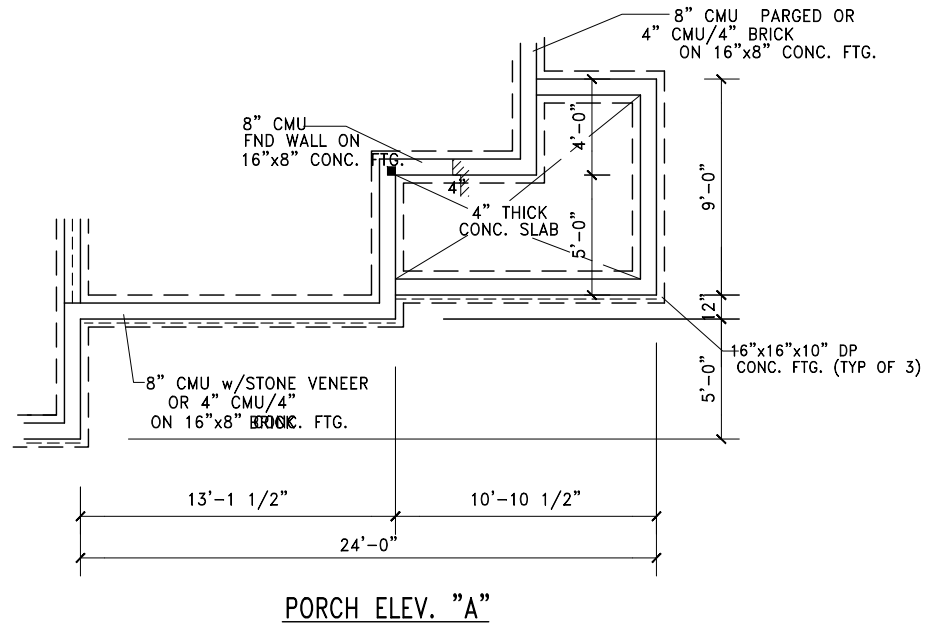
Crawlspace
 Foundation

Furyk

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

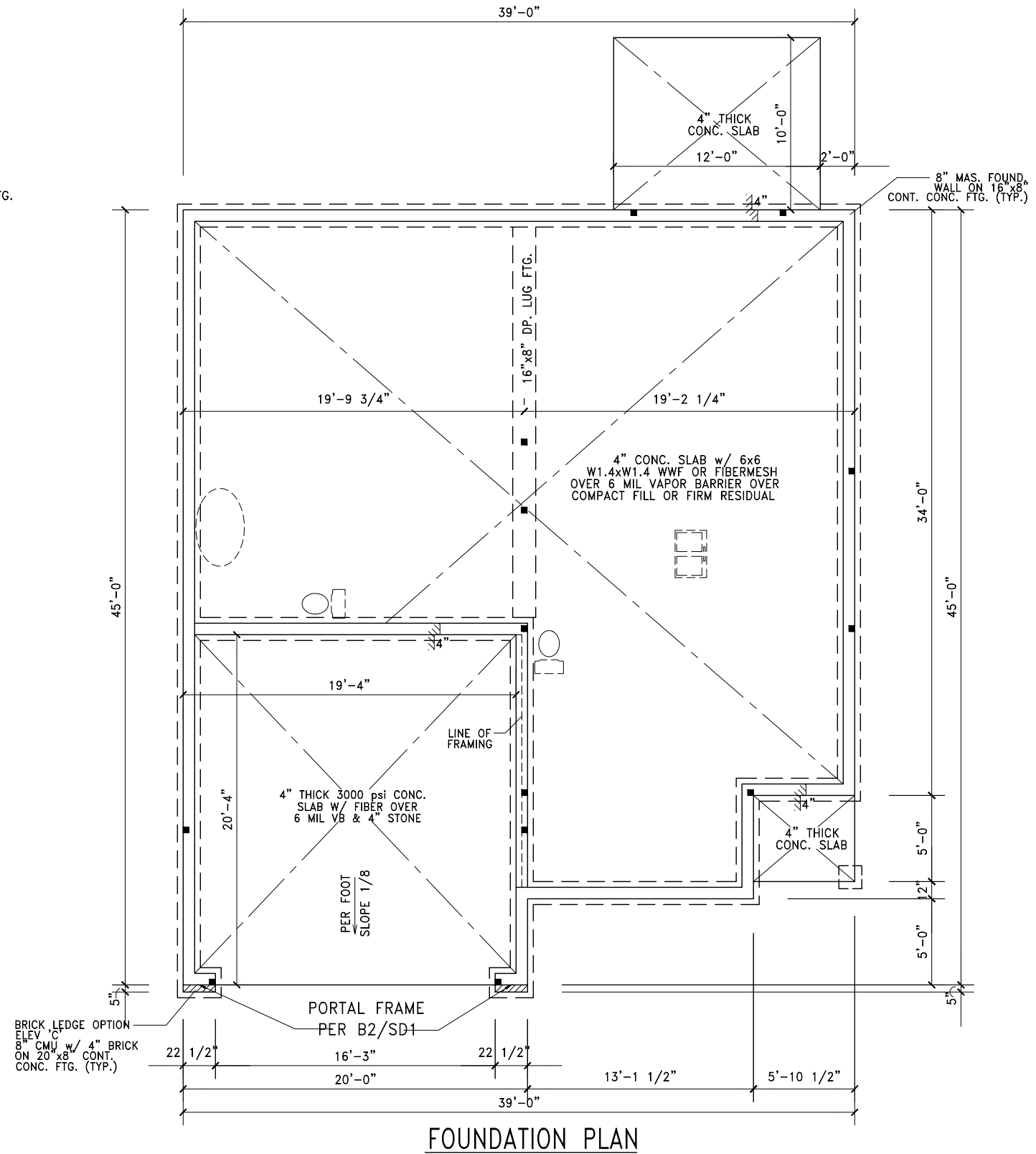
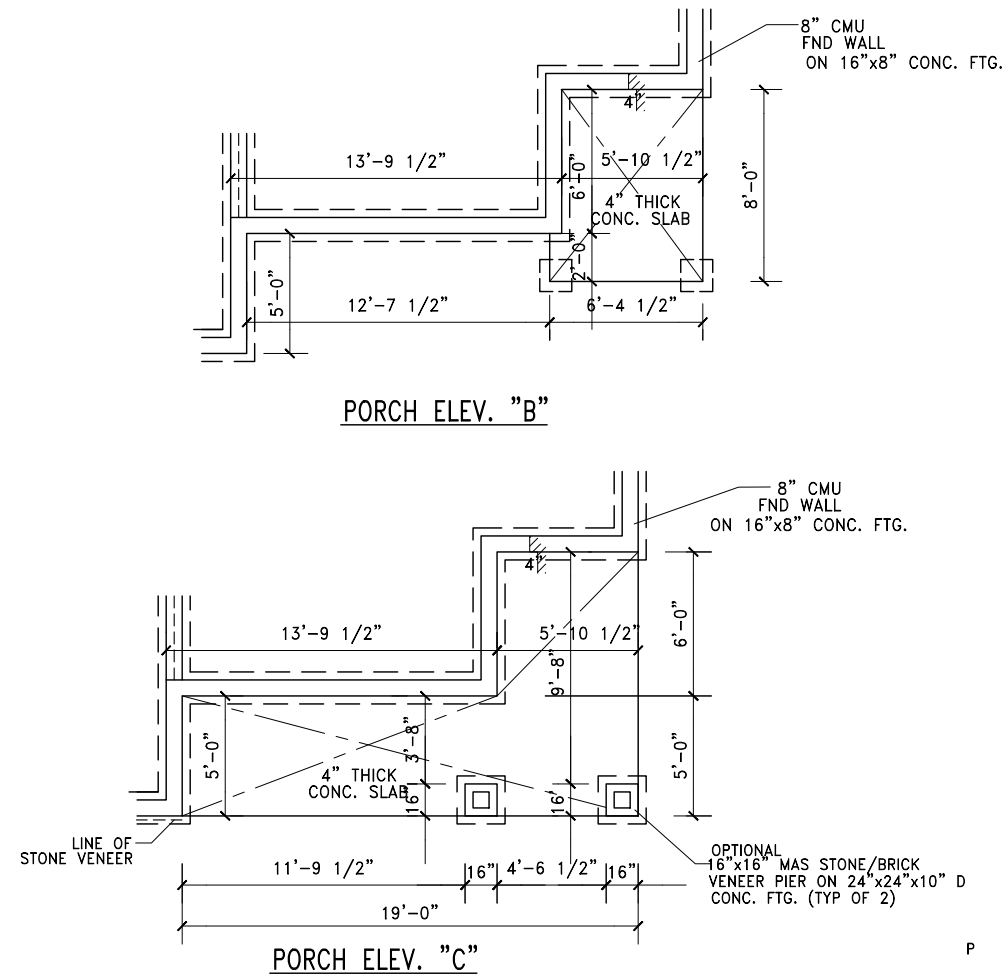


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SCALE
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11"X17" = 1/8"=1'-0"

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ADAMS & HODGE ENGINEERING, P.C.	
Crawlspace Foundation	
Furyk	Front Porch Option
FILE	
DESIGN	ADS
DRAWN	ADS
CHECKED	
DATE	2/22/21
SHEET	
2CS-B	

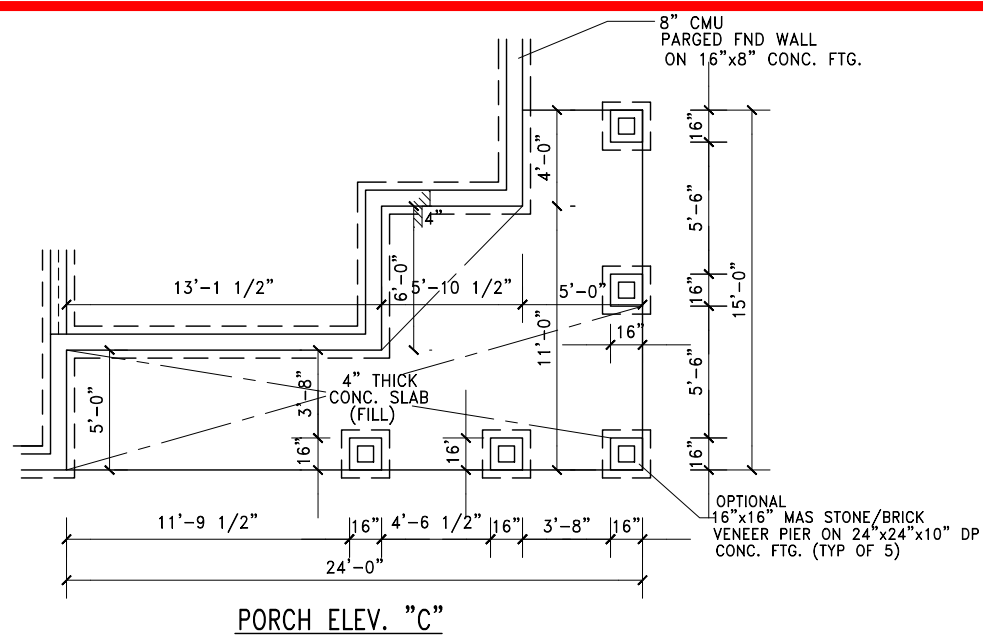
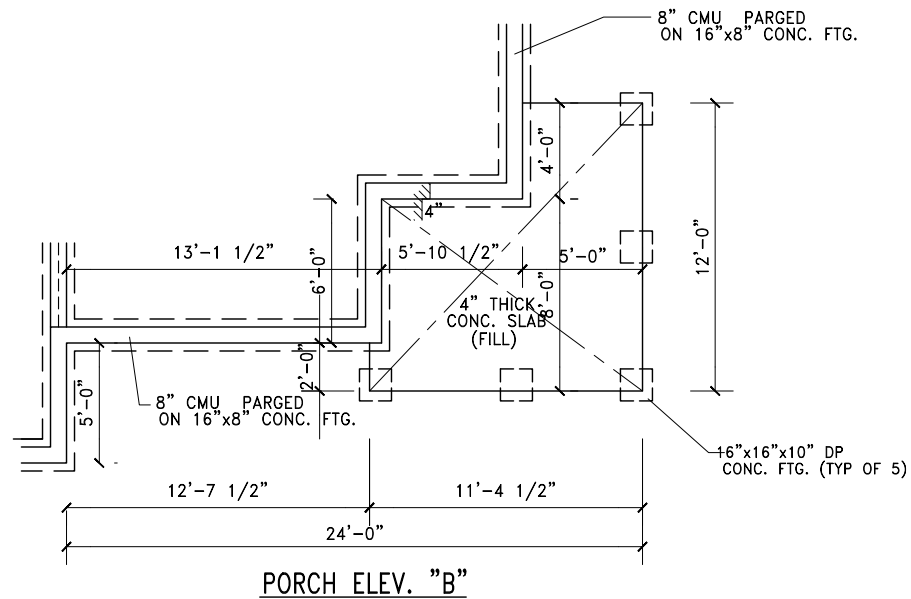
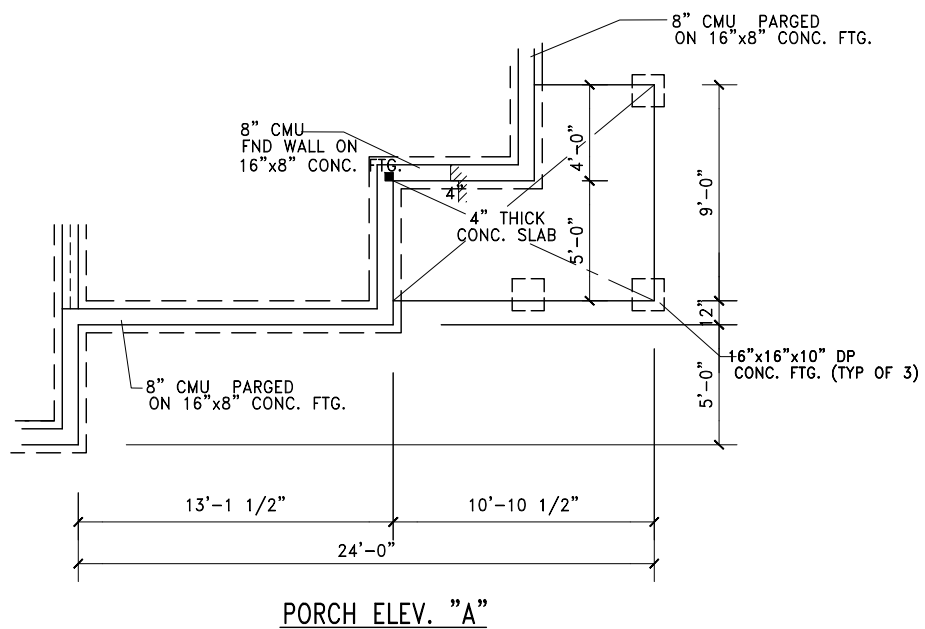


SCALE
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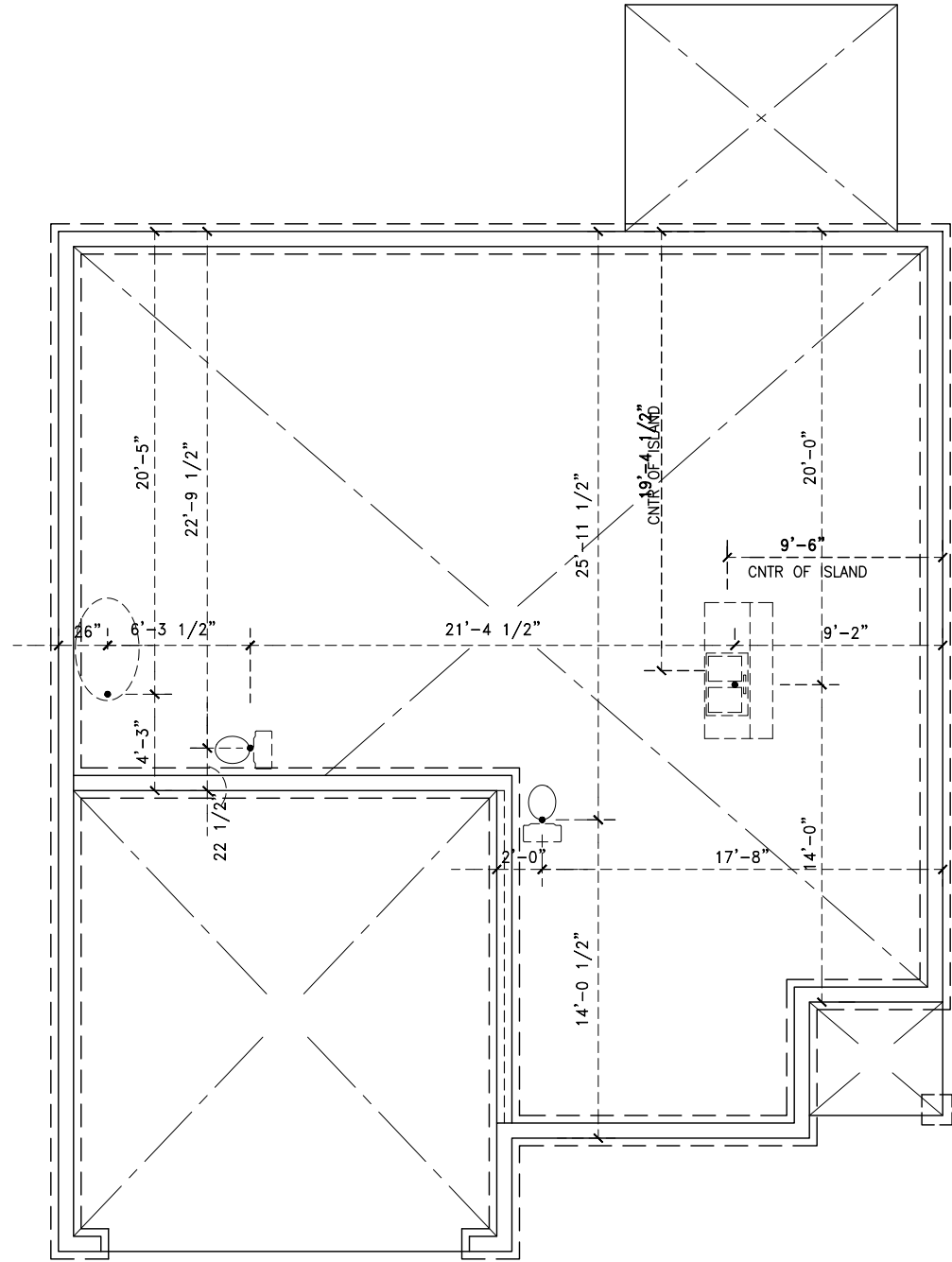
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314 EAST MAIN STREET CLAYTON, NC 27520 info@adamsandhodge.com 919-234-1332 FIRM# C-4187	
ADAMS & HODGE ENGINEERING, PC	
Stem Wall Foundation	
Furyk	
FILE	
DESIGN	ADS
DRAWN	ADS
CHECKED	
DATE	2/22/21
SHEET	2SW



Project Number: 2101-010034
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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	



PLUMBING LAYOUT

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

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ADAMS & HODGE ENGINEERING, P C	
Plumbing Layout	
Furyk	
FILE	
DESIGN ADS	
DRAWN ADS	
CHECKED	
DATE 2/22/21	
SHEET	2A

DESIGN LOADS

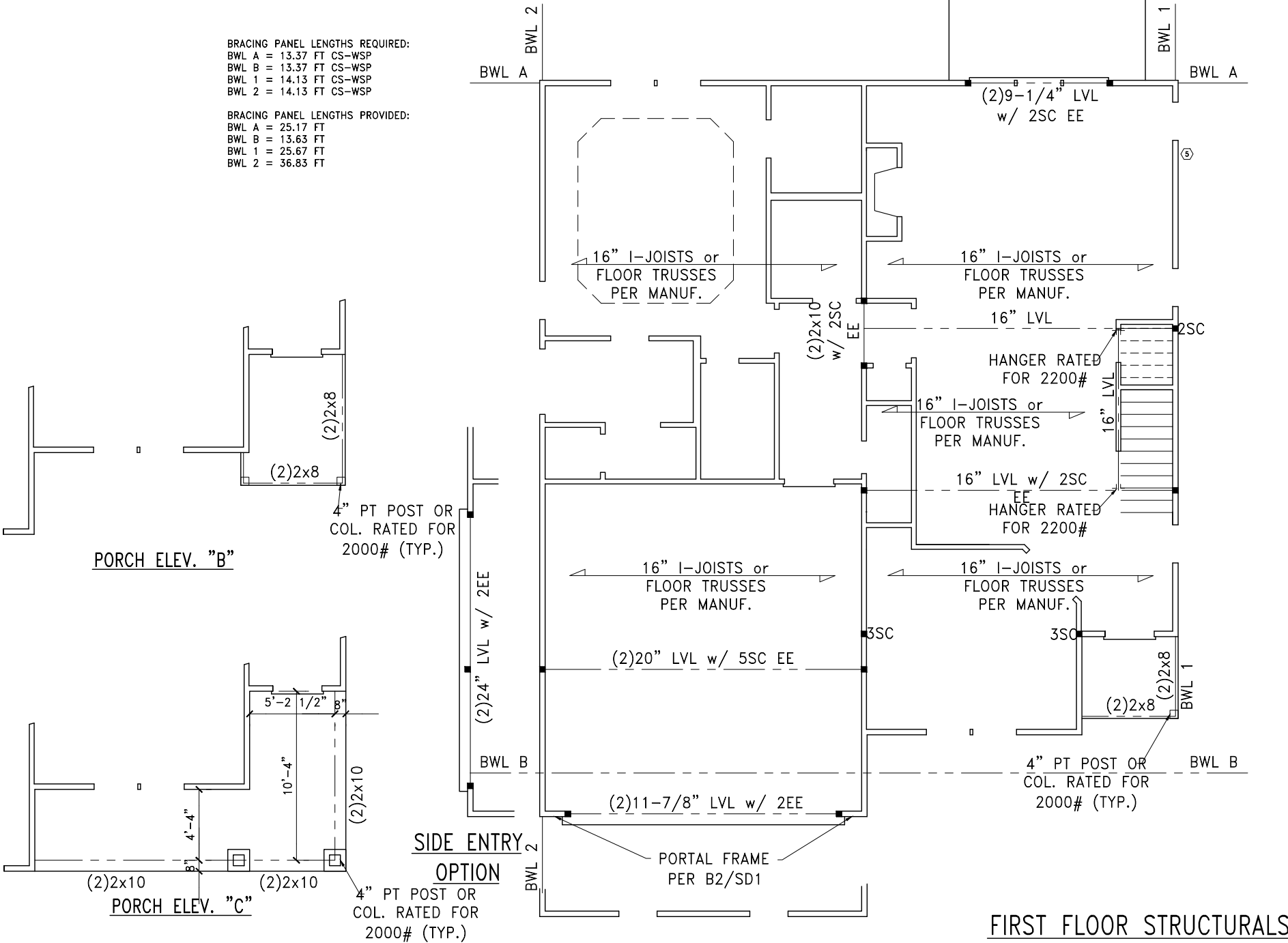
	LIVE LOAD (PSF)	DEAD LOAD (PSF)	DEFLECTION	
			LL	TL
FLOOR (primary)	40	10	L/360	L/240
FLOOR (secondary)	40	10	L/360	L/240
ATTIC (w/ storage)	20	10	L/240	L/180
ATTIC (no access)	10	5	L/240	L/180
EXTERNAL BALCONY	40	10	L/360	L/240
ROOF	20	10	L/240	L/180
ROOF TRUSS	20	20	L/240	L/180
WIND LOAD	BASED ON 100 MPH (EXPOSURE B)			
SEISMIC	BASED ON SEISMIC ZONES A, B & C			

STRUCTURAL NOTES:

- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF "NORTH CAROLINA STATE 2012 RESIDENTIAL BUILDING CODE", IN ADDITION TO ALL LOCAL CODES AND REGULATIONS.
- IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND SQUARE FOOTAGE PRIOR TO CONSTRUCTION. TYNDALL ENGINEERING & DESIGN, PA IS NOT RESPONSIBLE FOR DIMENSIONS AND SQUARE FOOTAGE ERRORS ONCE CONSTRUCTION BEGINS.
- ALL LUMBER SHALL BE SPF #2 (UNO)
ALL LVL LUMBER TO BE 1.75" WIDE NOMINAL EACH SINGLE MEMBER AND $F_b = 2600$ PSI, $E = 1.9M$ PSI (I.E. ILEVEL MICROLAM)
ALL LSL LUMBER IS TO BE 1.55E ($F_b = 2325$ PSI)
- ALL LOAD BEARING EXTERIOR WINDOW HEADERS WITH MAXIMUM SPAN OF 5'-6" SHOULD BE A (2) 2x10 w/ (1) 2x4 KING STUD AND (1) 2x4 JACK STUD NAILED TOGETHER w/ (2) 10d @ 8" O.C. PROVIDED THAT THE TOP OF THE WINDOW HEIGHT IS 6'-8", MINIMUM BOTTOM OF THE WINDOW HEIGHT IS 1'-6", OTHERWISE REFER TO TABLE R502.5(1).
- ALL INTERIOR LOAD BEARING HEADERS TO BE (2) 2x10 (U.N.O.) REFER TO TABLE R502.5(1) FOR JACK STUD REQUIREMENTS FOR HEADER SPANS FOR INTERIOR AND EXTERIOR LOAD CONDITIONS (UNO)
- REFER TO 2012 NC BUILDING CODE SECTION R602 FOR CONSTRUCTION OF ALL WALLS OVER 10'-0" IN HEIGHT.
- ALL STRUCTURAL STEEL SHALL BE ASTM A992 GRADE 50
 $F_y = 50$ KSI MIN. (UNO)
- ALL EXTERIOR LUMBER TO BE #2 SYP PT
- ALL CONCRETE, $f_c = 3000$ PSI MIN.
- PRESUMPTIVE BEARING CAPACITY = 2000 PSF
- 1/2" @ ANCHOR BOLTS SPACED AT MAXIMUM OF 6'-0" O.C. AND NOT MORE THAN 12" FROM THE CORNER. THERE SHALL BE A MINIMUM OF (2) BOLTS PER PLATE SECTION. ANCHOR BOLTS SHALL BE SPACED AT 3'-0" O.C. FOR BASEMENTS. ANCHOR BOLT SHALL EXTEND 7" INTO CONCRETE OR MASONRY.
- PSL COLUMNS DESIGNED WITH MAX. HEIGHT OF 9'-0" (UNO)
- PROVIDE A MINIMUM OF 500# UPLIFT & LATERAL CONNECTION AT TOP AND BOTTOM OF PORCH COLUMNS. (U.N.O.)
- PROVIDE CONTINUOUS SHEATHING PER SECTION 602.10.4 OF THE 2012 IRC.
- MAXIMUM MASONRY PIER HEIGHT SHALL NOT EXCEED FOUR TIMES ITS LEAST HORIZONTAL DIMENSION.
- UPLIFT LOADS GREATER THAN 500# SHALL BE CONTINUOUSLY ANCHORED TO THE FOUNDATION.
- METAL HANGERS SHALL BE SIMPSON OR APPROVED EQUAL.

BRACING PANEL LENGTHS REQUIRED:
BWL A = 13.37 FT CS-WSP
BWL B = 13.37 FT CS-WSP
BWL 1 = 14.13 FT CS-WSP
BWL 2 = 14.13 FT CS-WSP

BRACING PANEL LENGTHS PROVIDED:
BWL A = 25.17 FT
BWL B = 13.63 FT
BWL 1 = 25.67 FT
BWL 2 = 36.83 FT

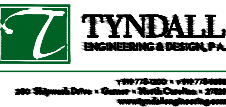


OWNER'S SUITE
OPTIONAL GARDENTUB/
SHOWER COMBO

OWNER'S SUITE
OPTIONAL SUNLITE
GARDEN TUB

FIRST FLOOR STRUCTURALS

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



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12/04/2020

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info@adamsandhodge.com
919-234-1332
FIRM # C-4187

ADAMS & HODGE
ENGINEERING, P.C.



1st Floor
Structurals

Furyk

FILE

DESIGN
ADS

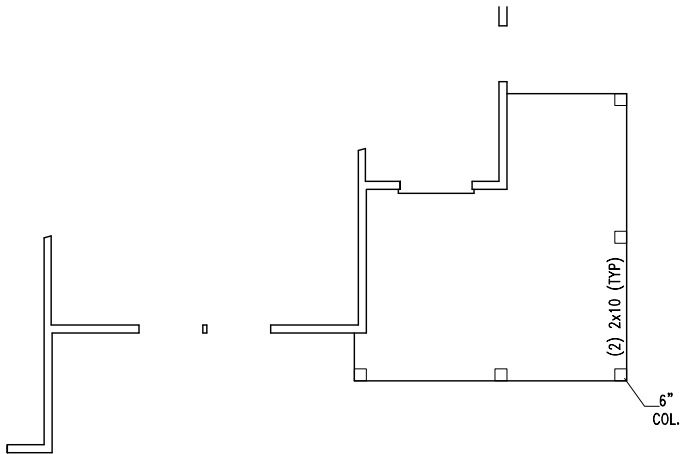
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ADS

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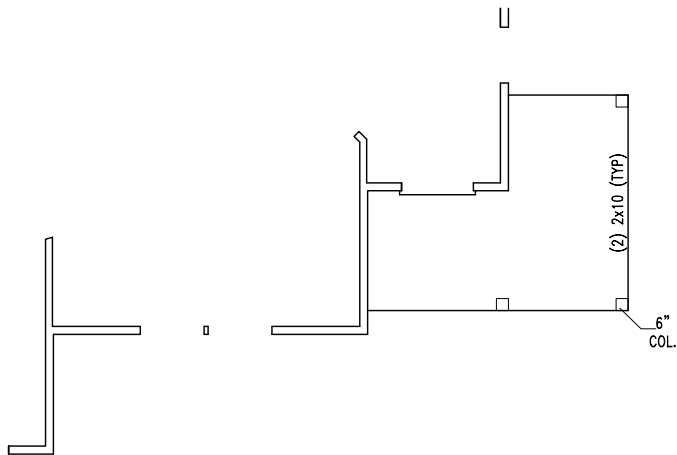
DATE
2/22/21

SHEET

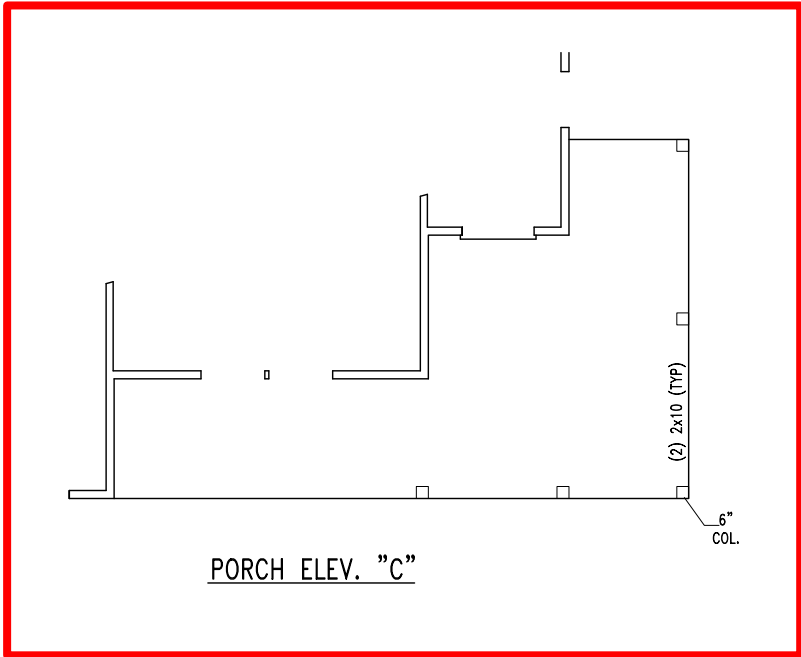
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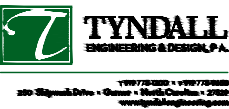
PORCH ELEV. "B"



PORCH ELEV. "A"



PORCH ELEV. "C"



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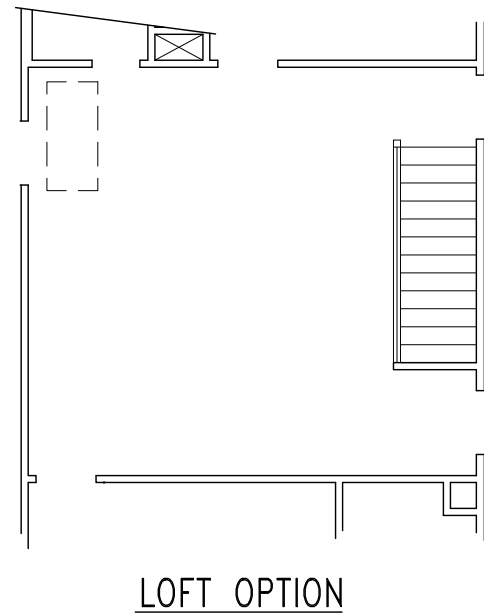
FIRST FLOOR PLAN

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

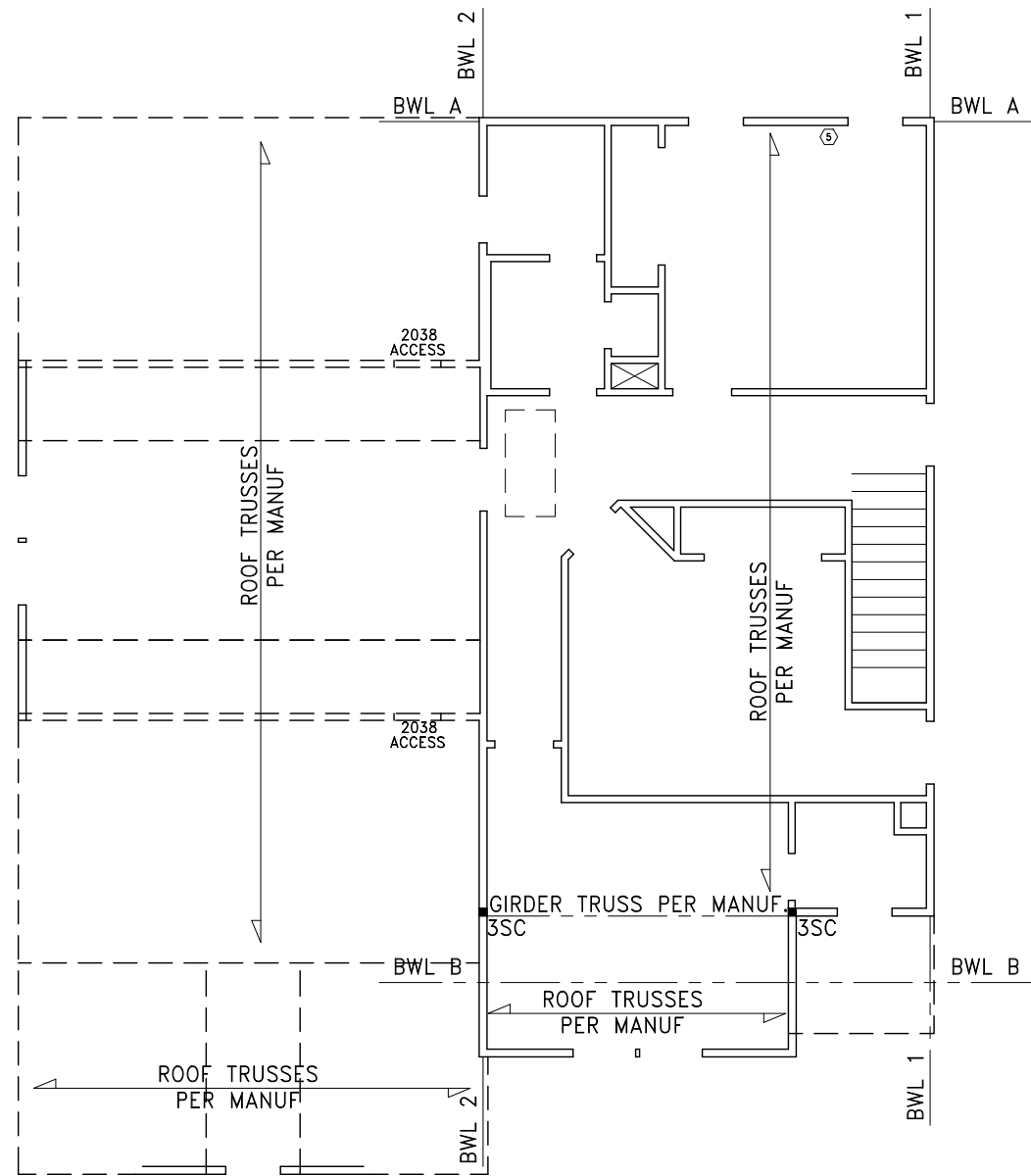
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ADAMS & HODGE ENGINEERING, P C		
		
1st Floor Structural		
Furyk	Optional Wrap Porch	
FILE		
DESIGN ADS		
DRAWN ADS		
CHECKED		
DATE 2/22/21		
SHEET 3A		



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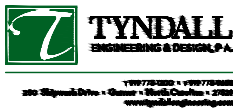
BRACING PANEL LENGTHS REQUIRED:
BWL A = 7.06 FT CS-WSP
BWL B = 7.06 FT CS-WSP
BWL 1 = 4.00 FT CS-WSP
BWL 2 = 4.00 FT CS-WSP
BRACING PANEL LENGTHS PROVIDED:
BWL A = 13.33 FT
BWL B = 8.00 FT
BWL 1 = 28.67 FT
BWL 2 = 35.33 FT



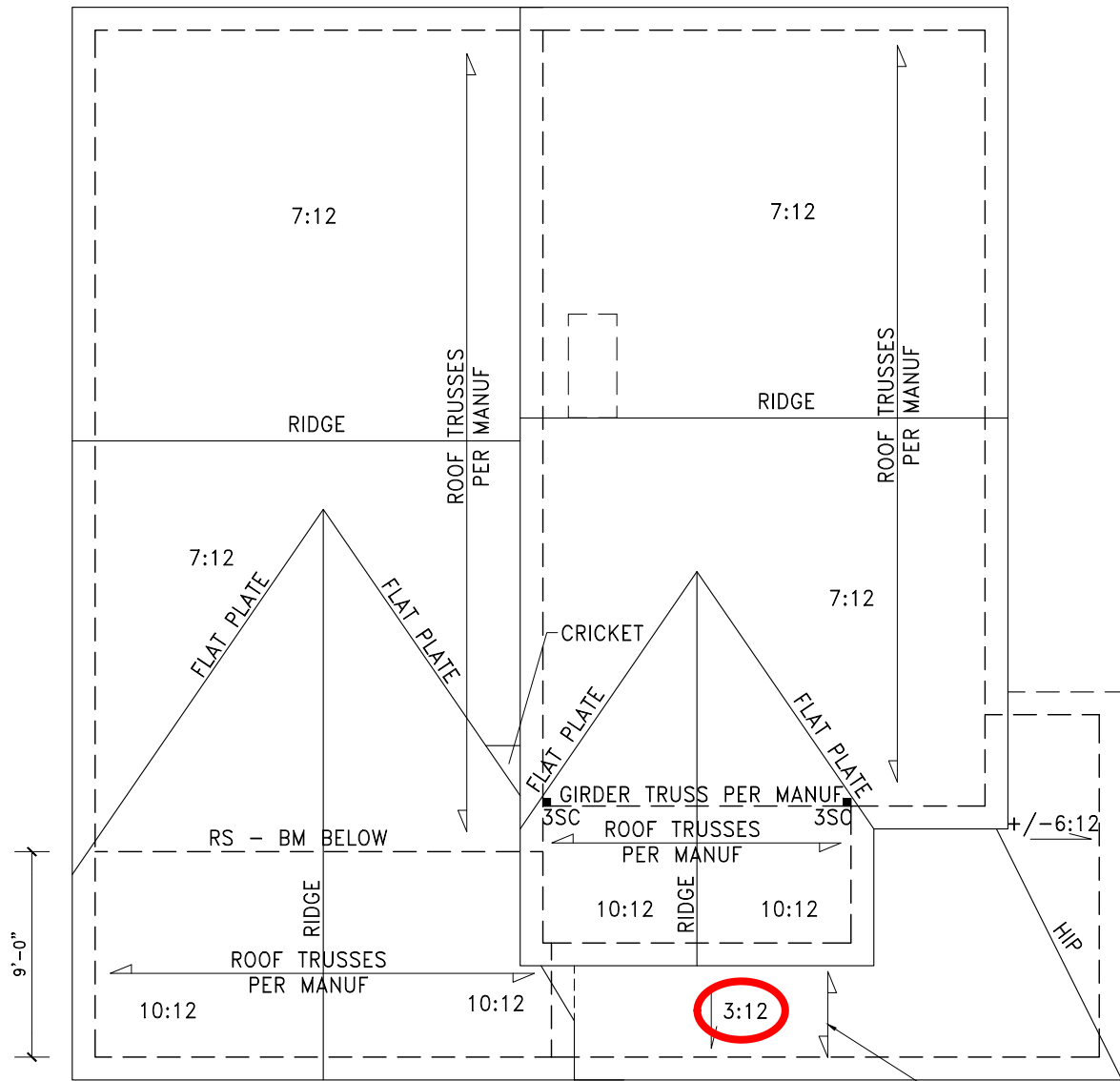
SECOND FLOOR STRUCTURALS

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

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ADAMS & HODGE ENGINEERING, P.C.	
2nd Floor Structurals	
Furyk	
FILE	
DESIGN ADS	
DRAWN ADS	
CHECKED	
DATE 2/22/21	
SHEET 4	



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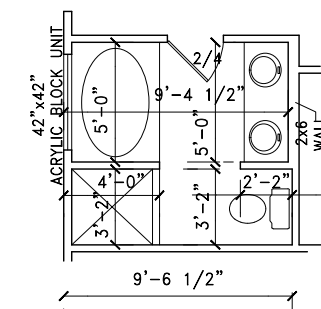
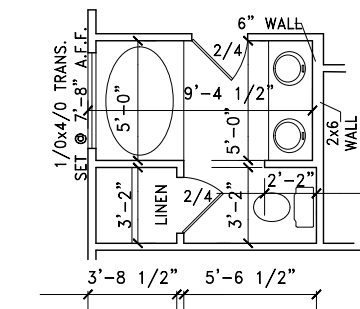
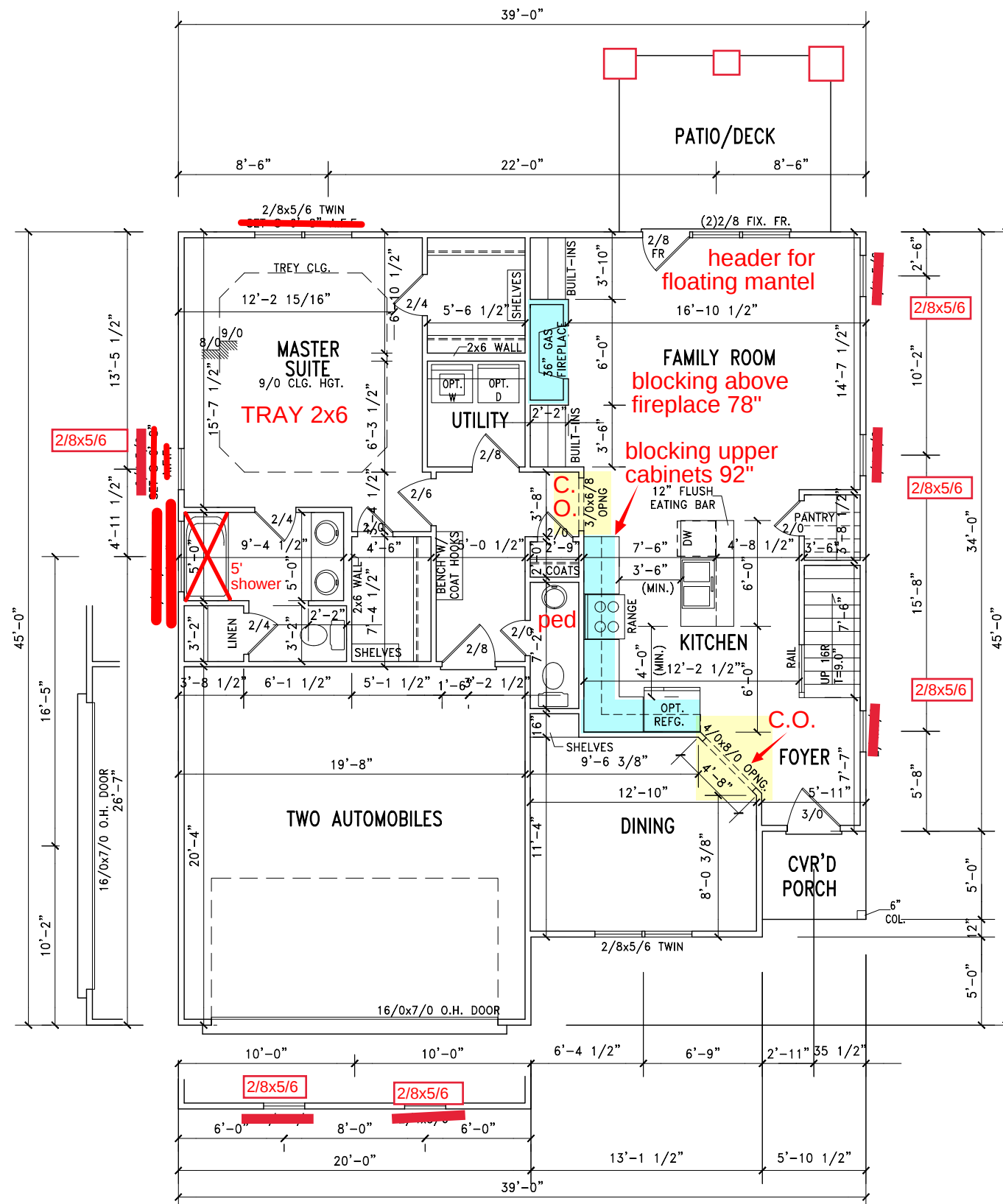
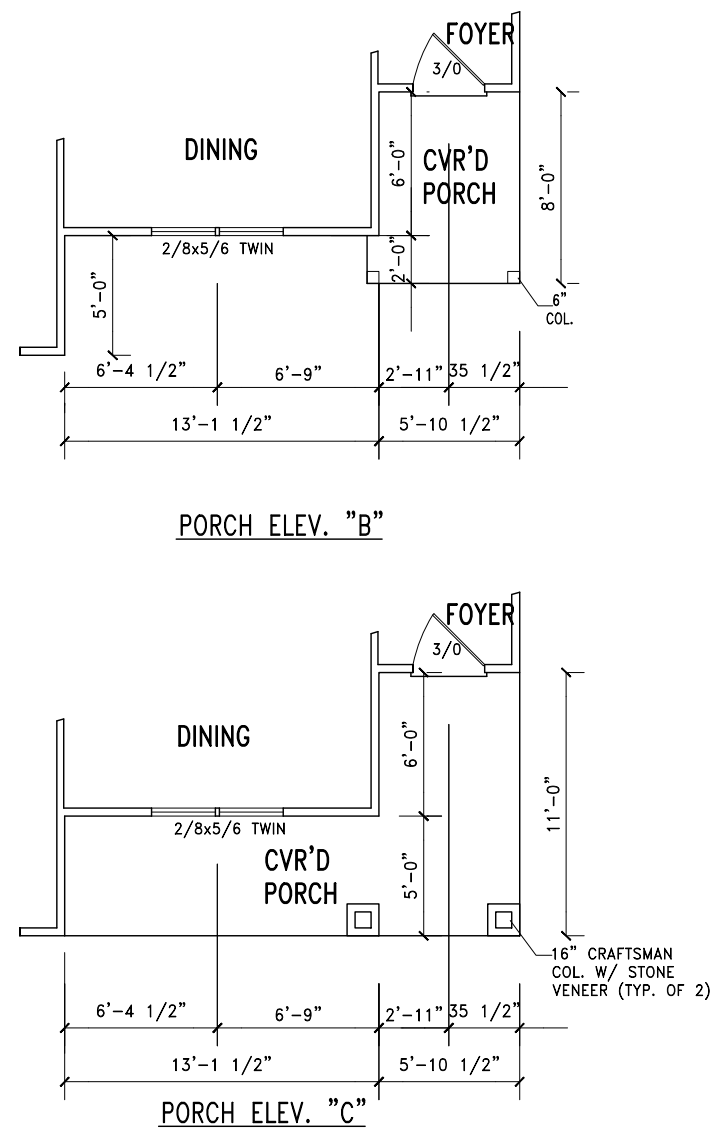


ELV. "C"
DOUBLE PAPER
ROOF FRAMING PLAN

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"

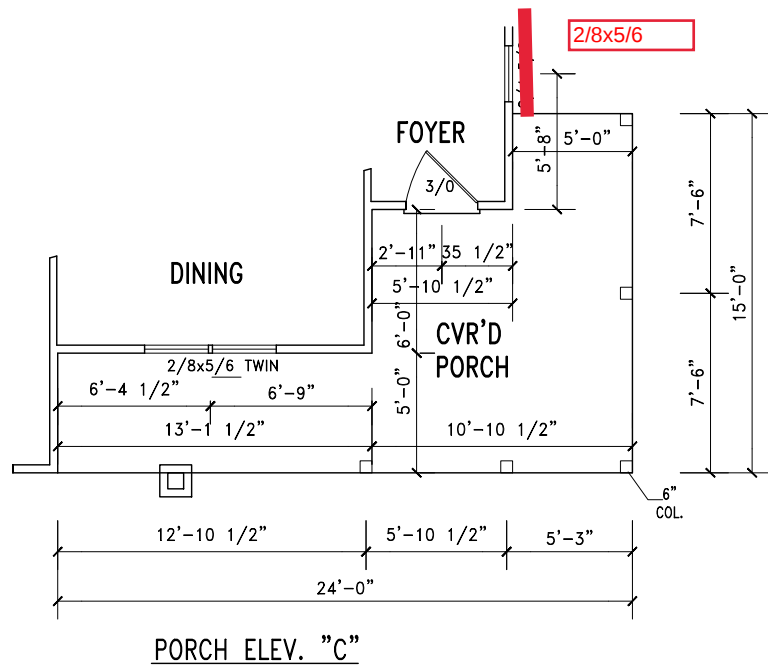
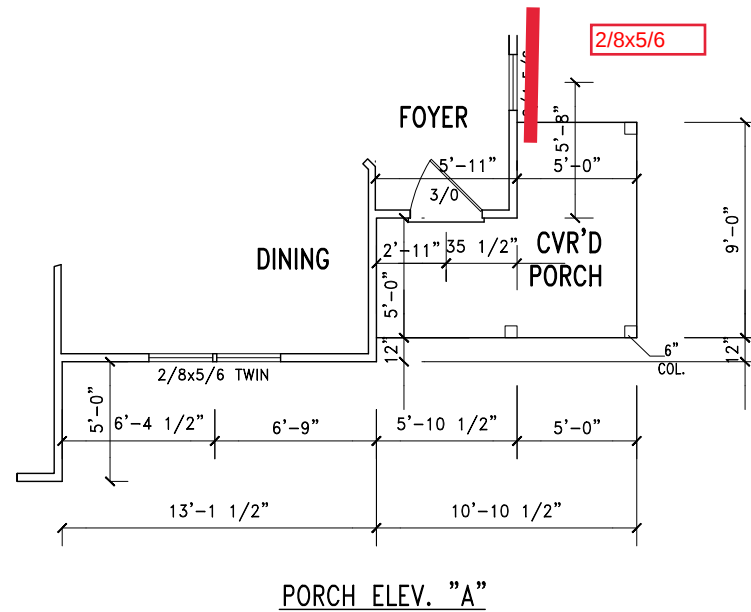
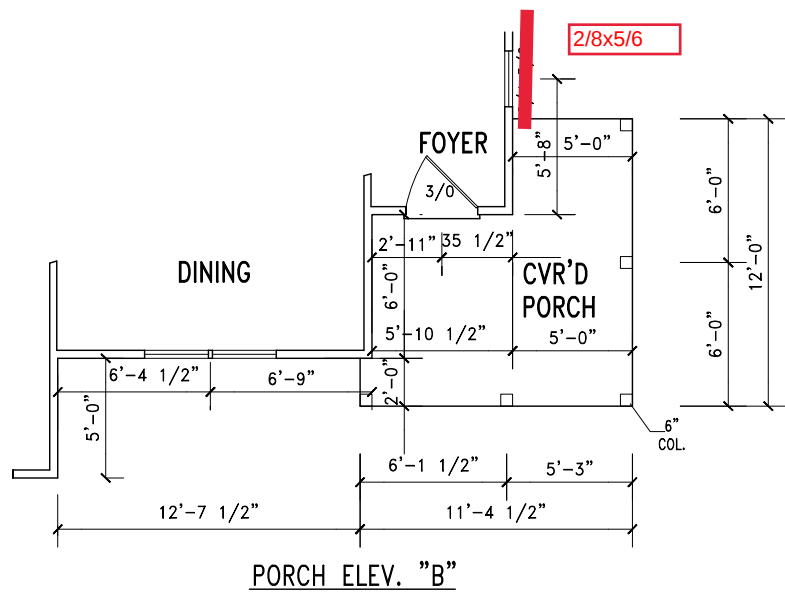
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ADAMS & HODGE ENGINEERING, P.C.	
Roof Framing	
Furyk	Front Porch Option
FILE	
DESIGN ADS	
DRAWN ADS	
CHECKED	
DATE 2/22/21	
SHEET	
5C-OPT.	



SQUARE FOOTAGE	
1st FLOOR HTD.	1223
2nd FLOOR HTD.	707
TOTAL HTD.	1930
GARAGE	401
OPT. REC. ROOM	300
PATIO/DECK	12
ELV "A" PORCH	2
ELV "B" PORCH	4
ELV "C" PORCH	13

- | | |
|-----------------------|--|
| 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"

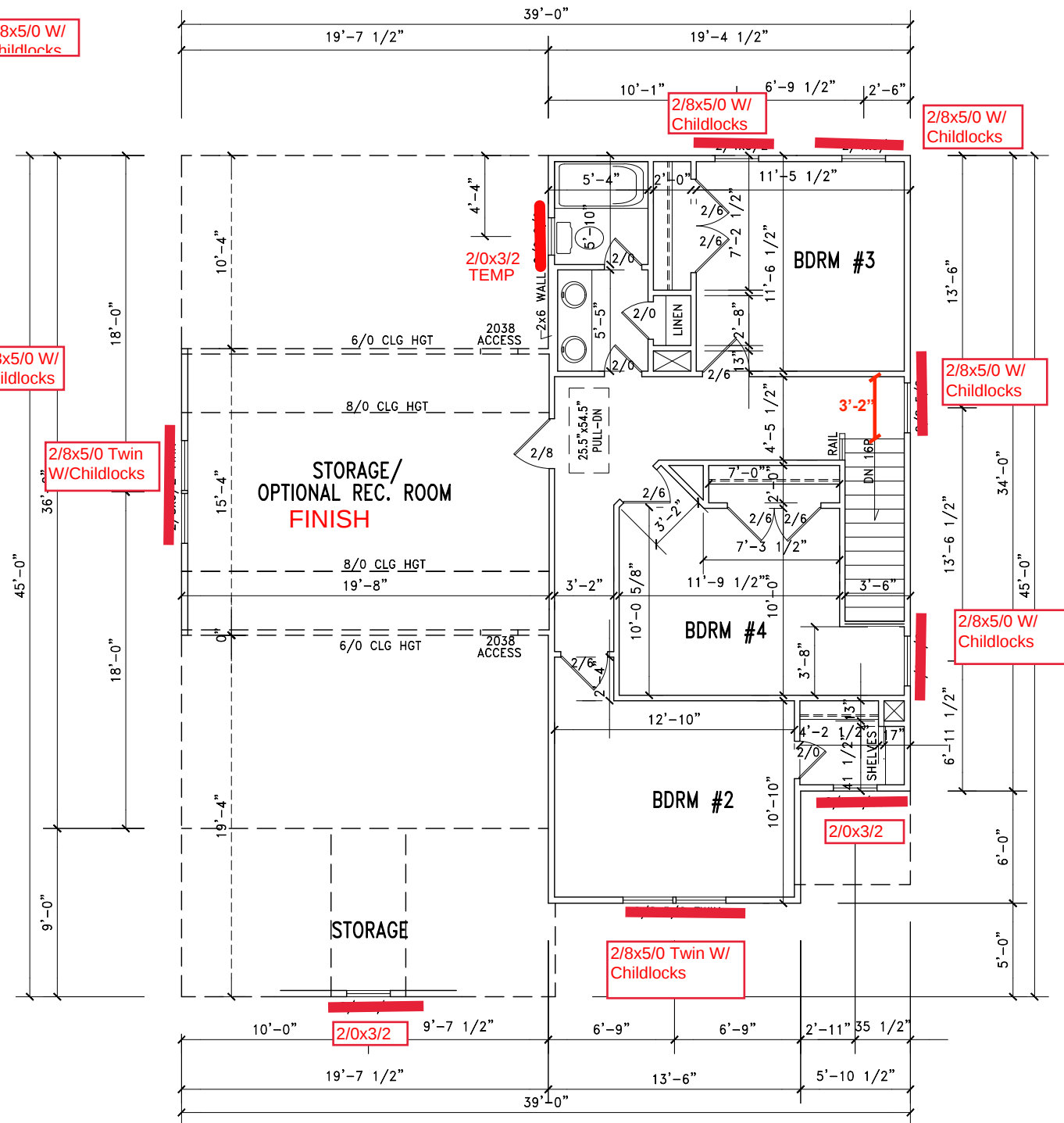
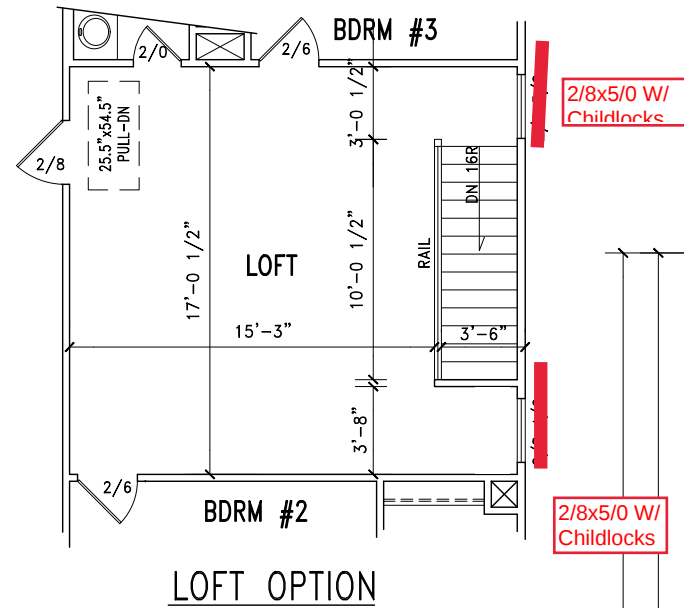


FIRST FLOOR PLAN

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

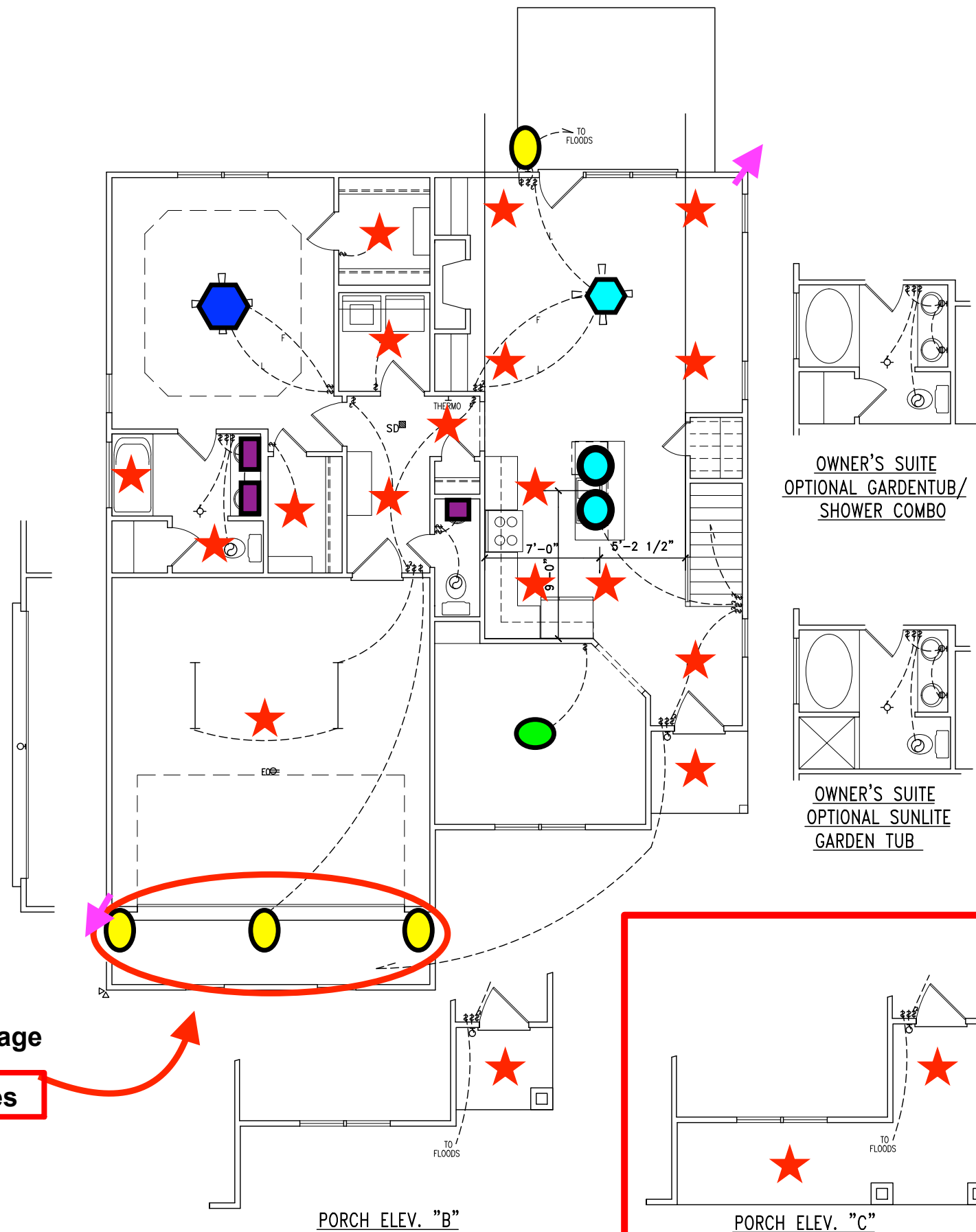
1ST FLOOR PLAN NOTES:	
1) 9'-0" CLG. HGT. (9'-1 1/2" PLT. HGT.) UNLESS OTHERWISE NOTED.	
2) ALL EXTERIOR WALLS FIGURED AT 4" NOMINAL WIDTHS UNLESS OTHERWISE NOTED.	
3) ALL INTERIOR WALLS FIGURED AT 3 1/2" WIDTHS UNLESS OTHERWISE NOTED.	
4) SET WINDOWS AT 7'-8" A.F.F. UNLESS OTHERWISE NOTED.	
5) DIMENSIONS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

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



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

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

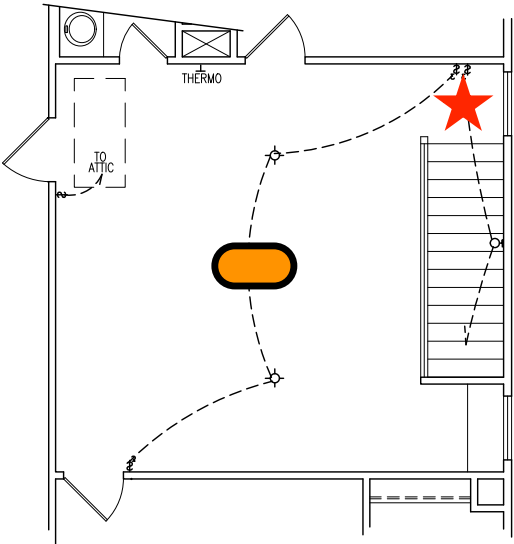
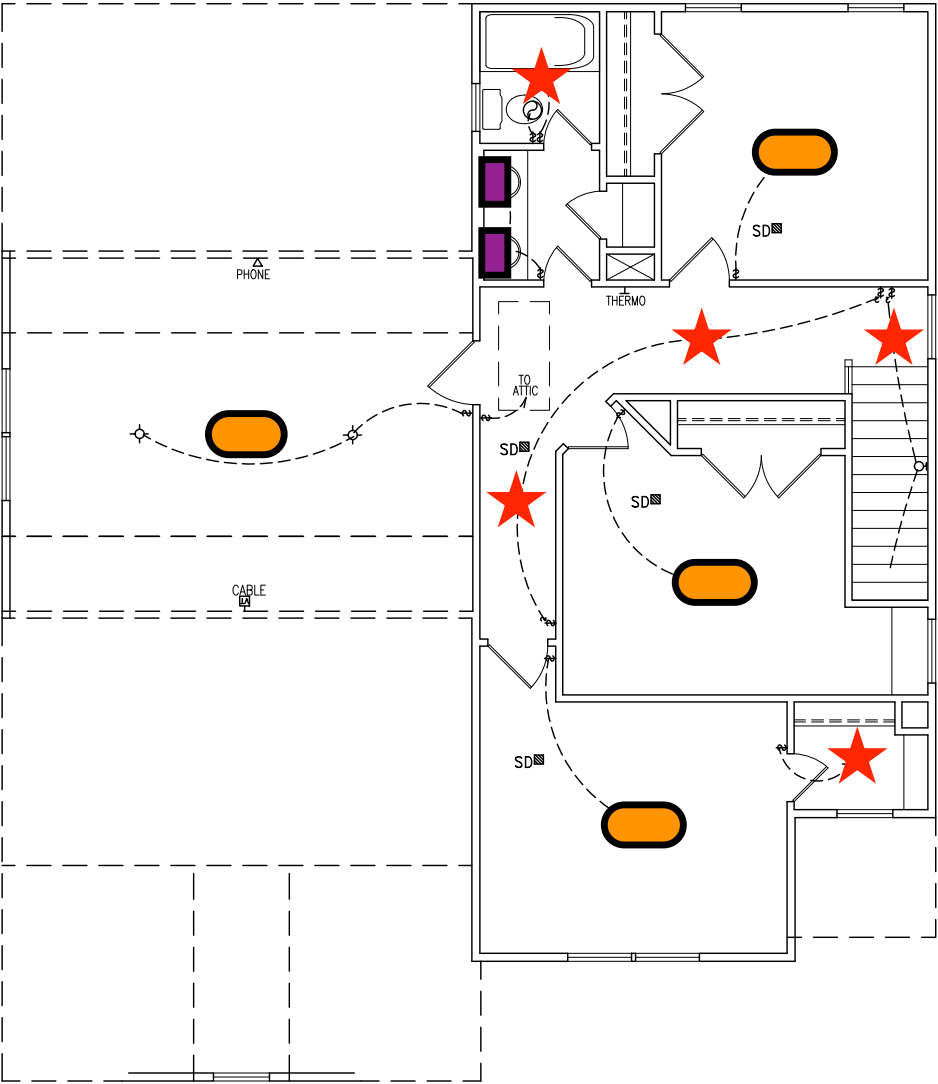


1 Over Garage
OR
2 on Sides

ELECTRICAL SYMBOLS			
⬡	CEILING MOUNTED LIGHT FIXTURE	○	SINGLE RECEPTACLE OUTLET
⬡	DIRECTIONAL CLG. LIGHT FIXTURE	⬡	DUPLEX RECEPTACLE OUTLET
○	RECESSED LIGHT FIXTURE	⬡	QUADRUPLUX 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"



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.

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

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ADAMS & HODGE
ENGINEERING, P.C.



Electricals

Furyk

FILE

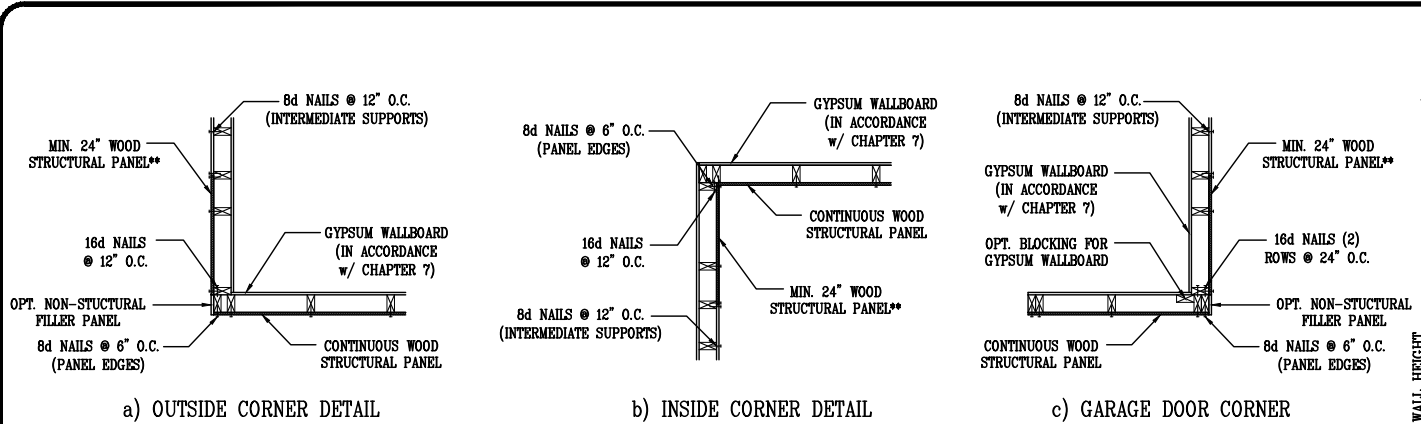
DESIGN
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DRAWN
ADS

CHECKED

DATE
2/22/21

SHEET



** 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

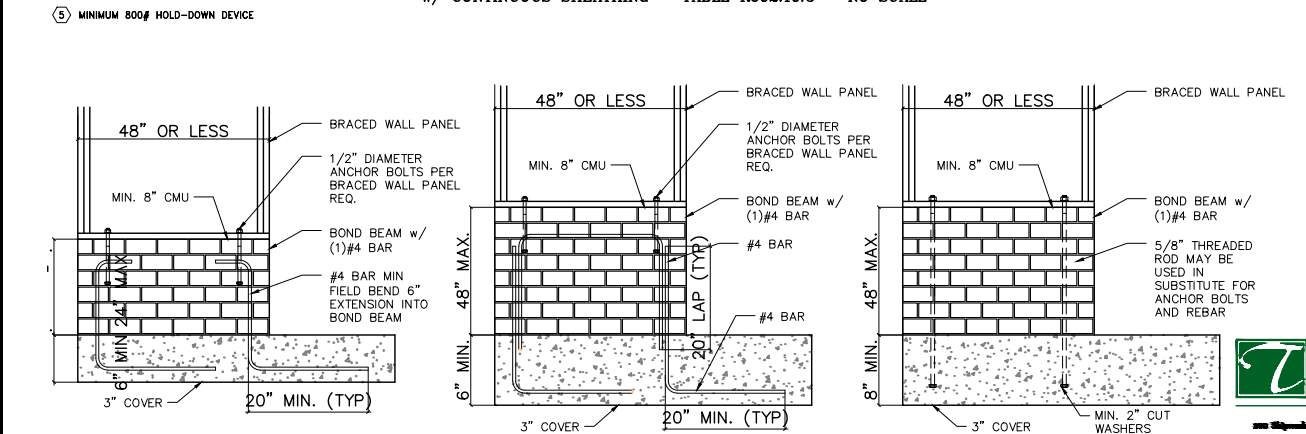
STRUCTURAL SHEATHING NOTES

- 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 R602.10.3(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 5/8". 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 CONNECTION 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.

LENGTH REQUIREMENTS FOR BRACED WALL PANELS WITH CONTINUOUS SHEATHING ^a (INCHES)						
METHOD	ADJACENT CLEAR OPENING HEIGHT (INCHES)	WALL HEIGHT (FEET)				
		8	9	10	11	12
CS-WSP	64	24	27	30	33	36
	68	28	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 ^e	24 ^e

FOR SE: 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.

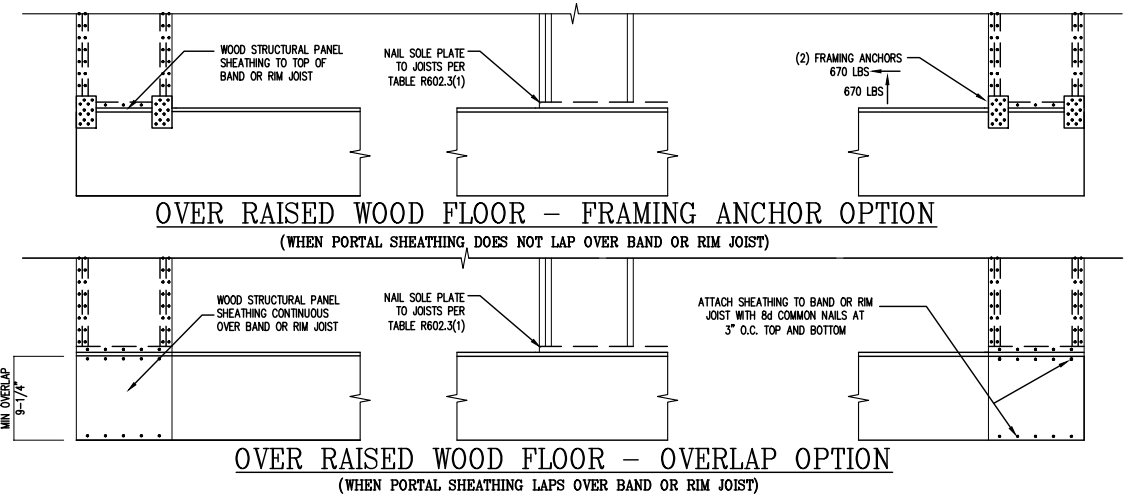
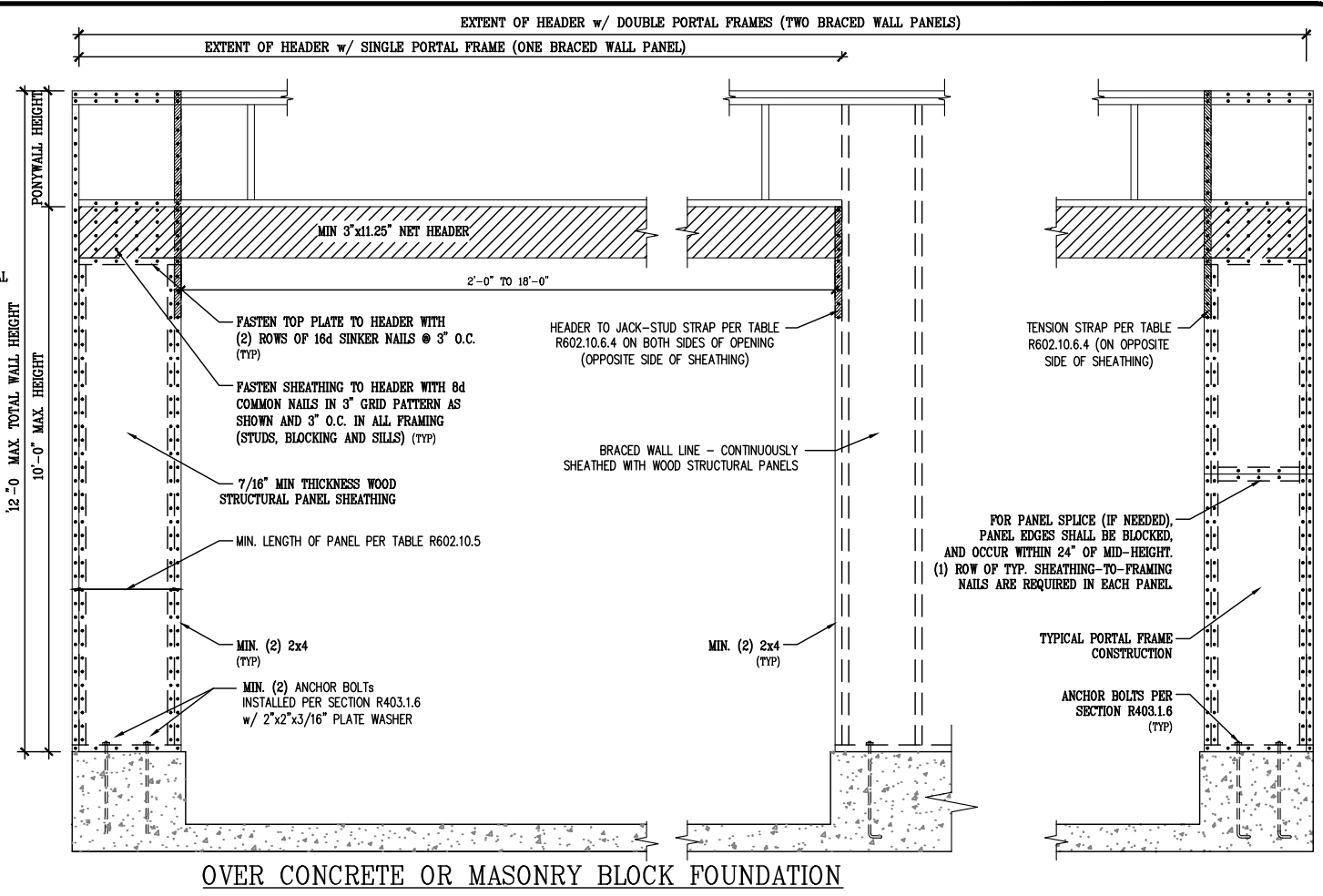
B3: LENGTH REQUIREMENTS FOR BRACED WALL PANELS
 w/ CONTINUOUS SHEATHING - TABLE R602.10.5 - NO SCALE



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, P.A. Failure to do so will void Tyndall Engineering's Liability.



B2: METHOD CS-PF: CONTINUOUSLY SHEATHED PORTAL FRAME
 FIGURE R602.10.6.4

REQUIRED BRACED WALL PANEL CONNECTIONS				
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.

**OR EQUIVALENT PER TABLE R702.3.5

B4: BRACE WALL PANEL CONNECTIONS

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

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 FIRM # C-4187

ADAMS & HODGE
 ENGINEERING, P.C.

BRACING DETAILS

Furyk

FILE

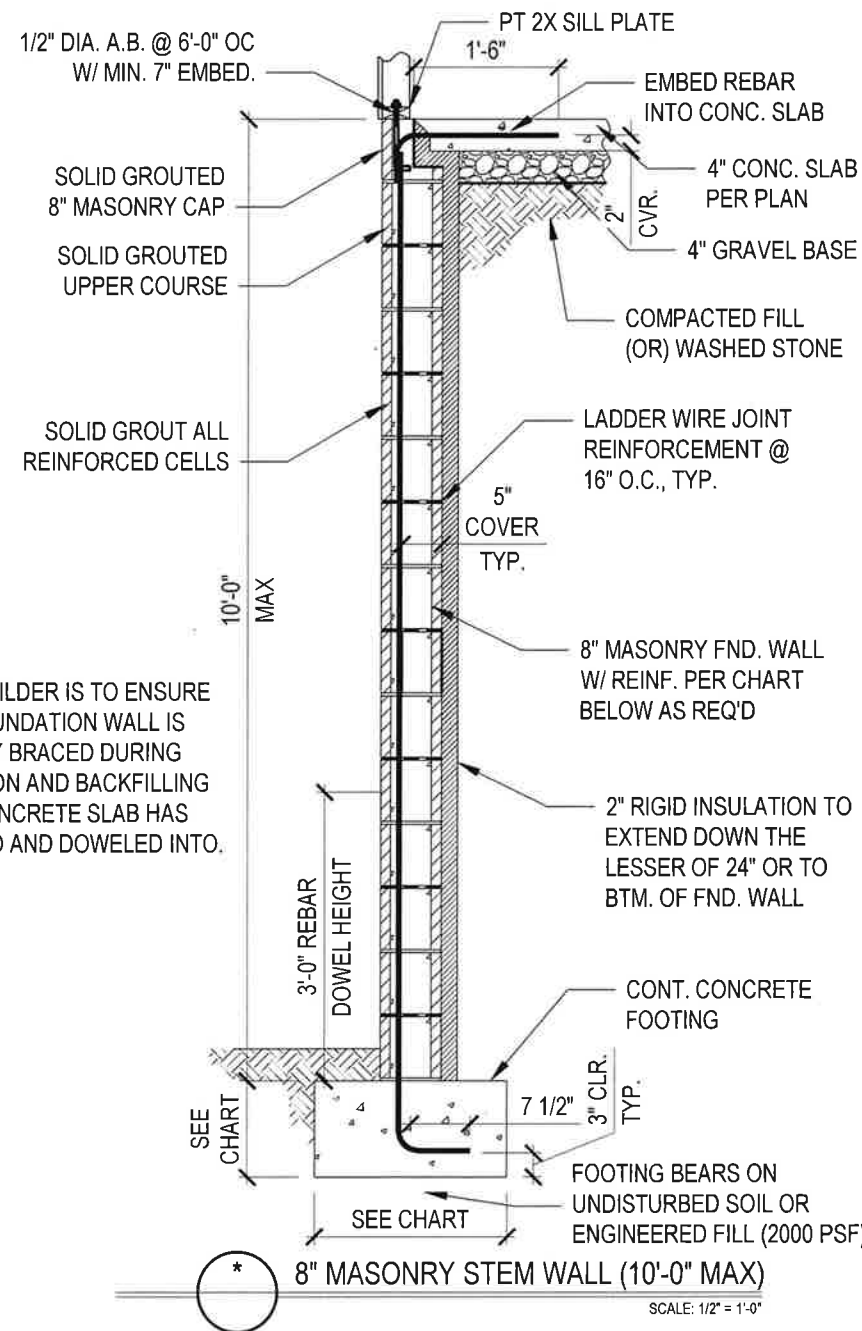
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DRAWN
 ADS

CHECKED

DATE
 2/22/21

SHEET
 SD1



NOTE: THE BUILDER IS TO ENSURE THAT THE FOUNDATION WALL IS TEMPORARILY BRACED DURING CONSTRUCTION AND BACKFILLING UNTIL THE CONCRETE SLAB HAS BEEN POURED AND DOWELED INTO.

WALL HEIGHT	WALL REINFORCEMENT	REBAR SPACING	FOOTING WIDTH	FOOTING DEPTH
0'-0" TO 5'-0"	N/A	N/A	16"	8"
5'-1" TO 8'-0"	#5 REBAR W/ 40" LAP SPLICE	24" O.C.	24"	12"
8'-1" TO 10'-0"	#5 REBAR W/ 40" LAP SPLICE	8" O.C.	24"	12"



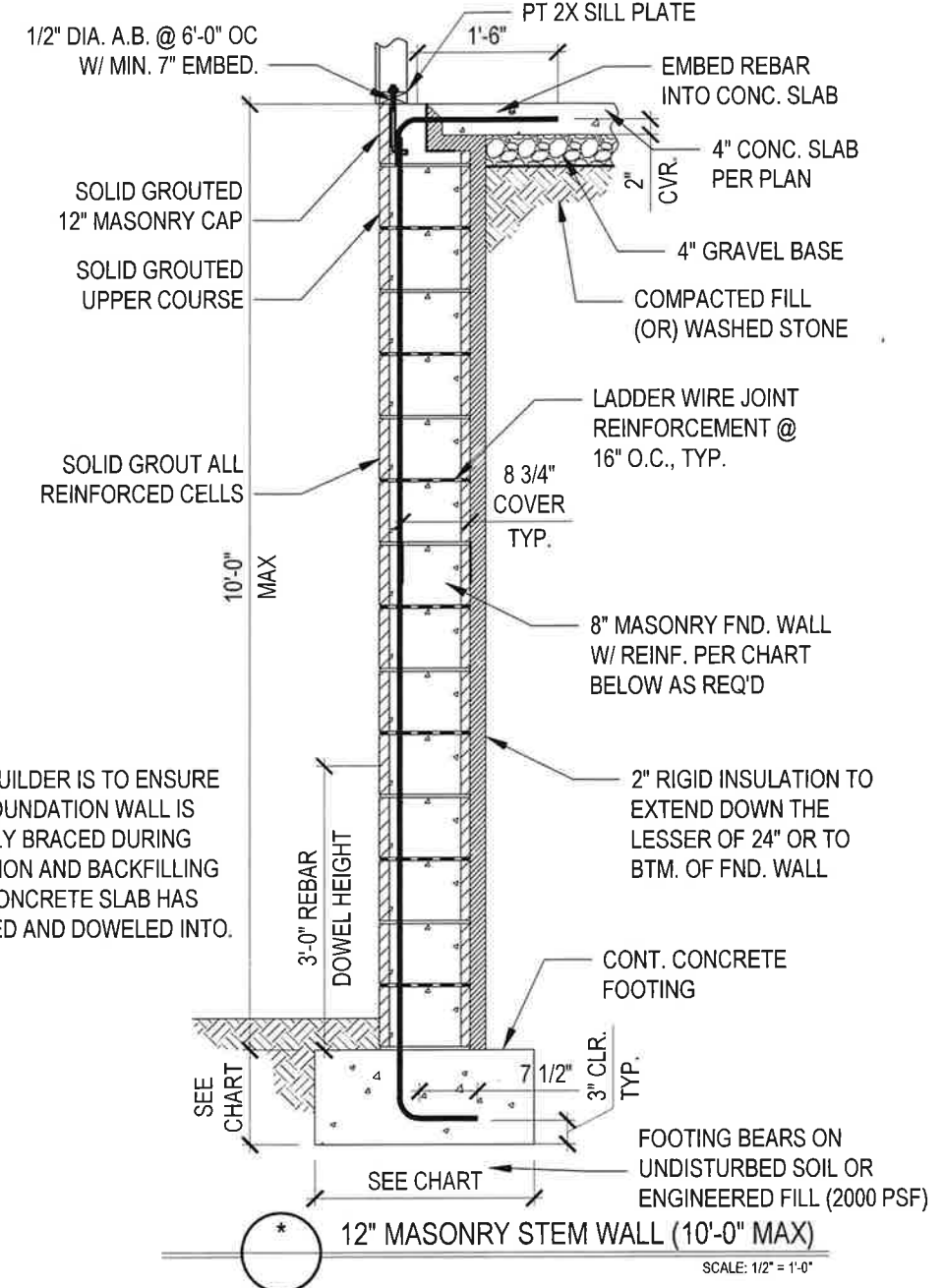
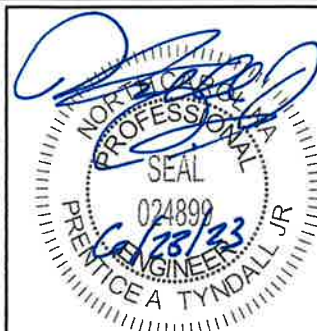
TYNDALL
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919 773-1200 • 919 773-9658
250 Shipwash Drive • Garner • North Carolina • 27529
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4			
3			
2			
1			
NO.	DATE	REVISIONS AND RECORD OF ISSUE	CHK

DRAWN: AM	CHECKED: PTII	DATE: 06/23/23	PROJECT #: 2301-010205
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PROJECT: STEM WALL FOUNDATION DESIGN	DRAWING NUMBER: 1 of 2	REV.
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NOTE: THE BUILDER IS TO ENSURE THAT THE FOUNDATION WALL IS TEMPORARILY BRACED DURING CONSTRUCTION AND BACKFILLING UNTIL THE CONCRETE SLAB HAS BEEN POURED AND DOWELED INTO.

WALL HEIGHT	WALL REINFORCEMENT	REBAR SPACING	FOOTING WIDTH	FOOTING DEPTH
0'-0" TO 5'-0"	N/A	N/A	20"	10"
5'-1" TO 8'-0"	#5 REBAR W/ 40" LAP SPLICE	24" O.C.	24"	12"
8'-1" TO 10'-0"	#5 REBAR W/ 40" LAP SPLICE	16" O.C.	28"	12"



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NO.	DATE	REVISIONS AND RECORD OF ISSUE	CHK

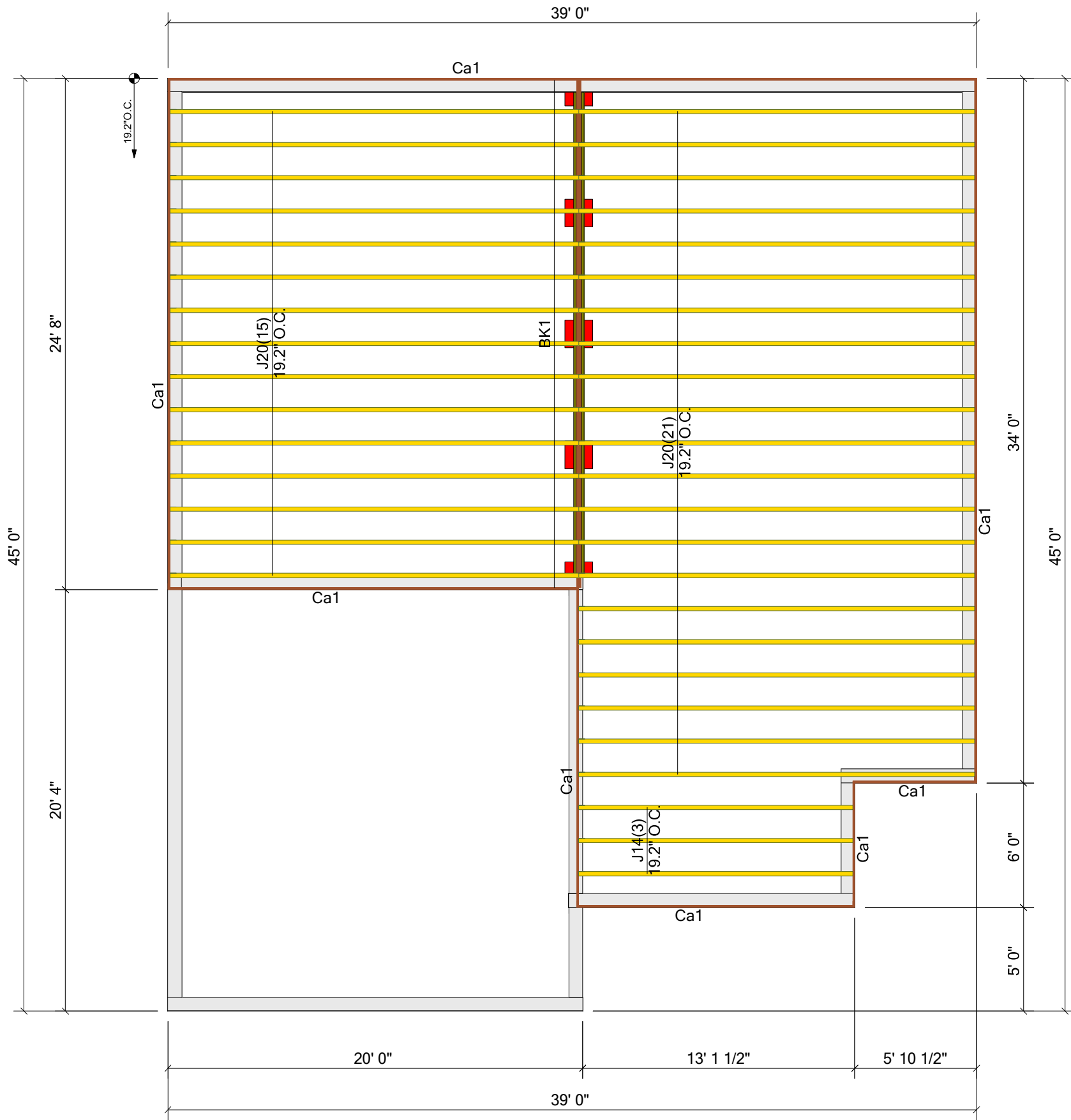
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PROJECT: STEM WALL FOUNDATION DESIGN	DRAWING NUMBER: 2 of 2	REV.
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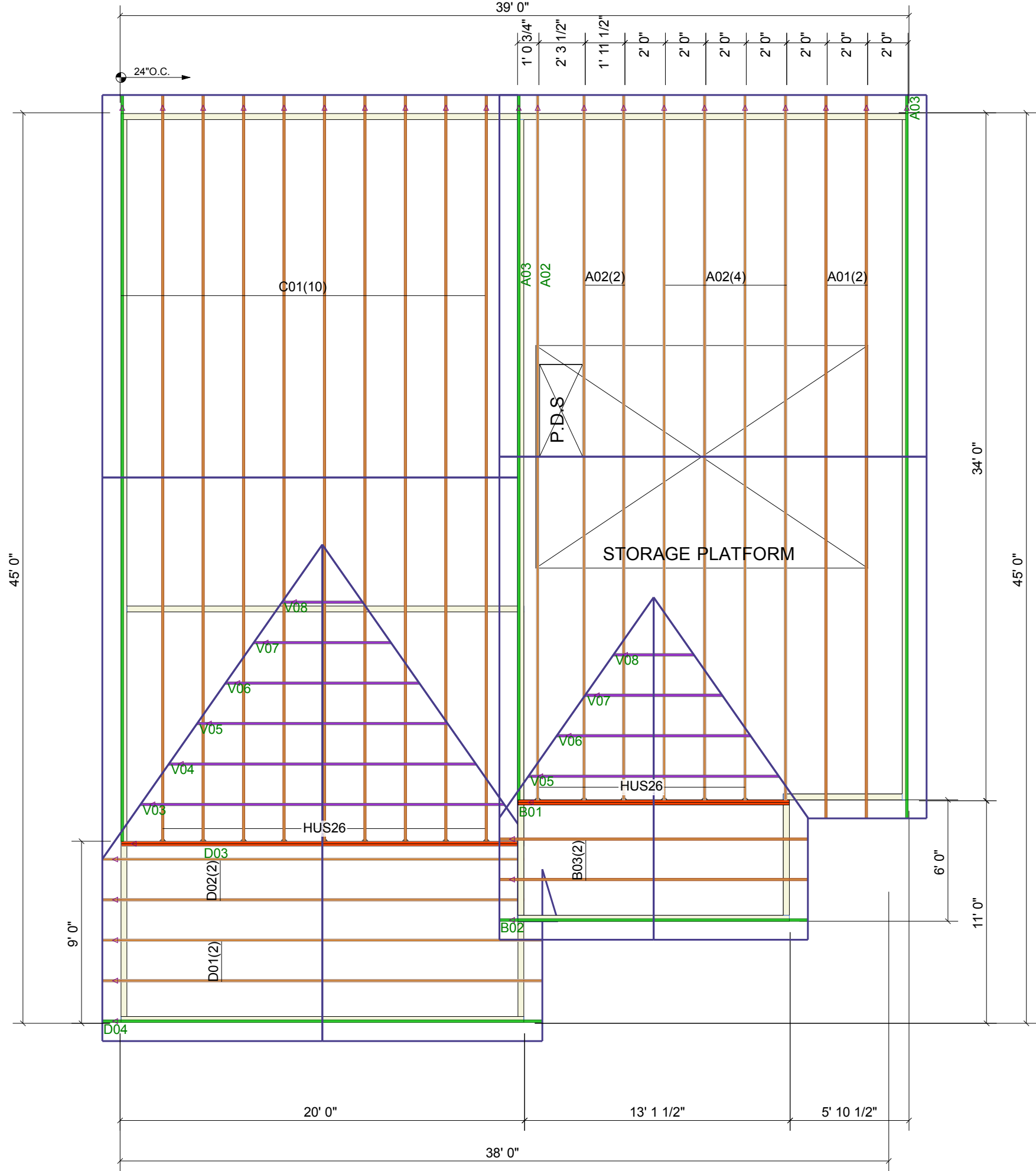
CLIENT: ONE 27 HOMES

CLIENT: ONE 27 HOMES



Products				
PlotID	Length	Product	Plies	Net Qty
J20	20' 0"	16" LPI 32Plus	1	36
J14	14' 0"	16" LPI 32Plus	1	3
Ca1	12' 0"	1-1/8X16 LP-OSB Plus	1	14

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY		SHOP DRAWING APPROVAL	
These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult "Bracing of Wood Trusses" available from the Truss Plate Institute, 583 D'Onofrio Drive; Madison, WI 53179.		REVIEWED BY:	DATE:
		APPROVED BY:	
		Plan: FURYK CRAWL SPACE - LEFT	
		Date: 1/21/2021	
		Sales Rep: Rick Walker (828) 342-2133	
Job #: 1270071	Customer: ONE27 HOMES	City, ST, ZIP:	P.O. Box 157, Ether, NC 27247 225 Frame Shop Rd., Star, NC 27356 910-491-9004



Truss Connector Total List		
Manuf	Product	Qty
Simpson	HUS26	6

Truss Connector Total List		
Manuf	Product	Qty
Simpson	HUS26	9



THIS IS A TRUSS PLACEMENT DIAGRAM ONLY

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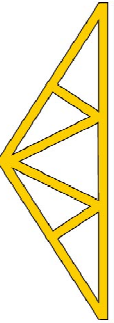
SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS. REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

REVIEWED BY:

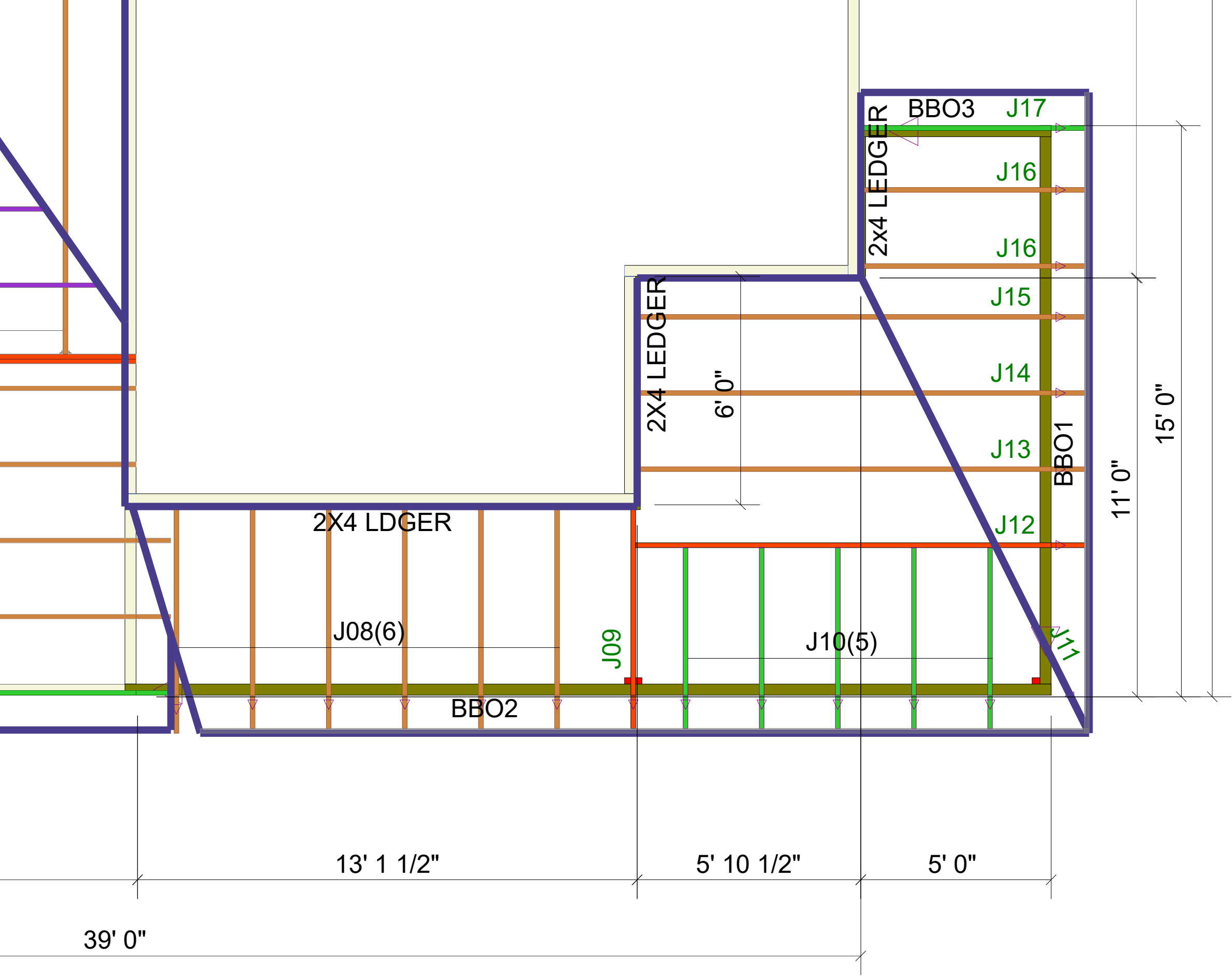
DATE:

Job #:	1270018	Plan:	FURYK C - LEFT
Customer:		Date:	5/7/2021
Site Address:		Sales Rep:	RW
City, ST, ZIP:		Designer:	RW



Carolina Structural Systems
Roof Trusses • Floor Trusses • EWP

Carolina Structural Systems
P.O. Box 157, Ether, NC 27247
225 Frame Shop Rd., Star, NC 27356
910-491-9004

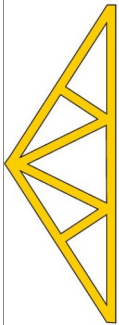


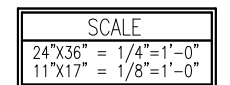
THIS IS A TRUSS PLACEMENT DIAGRAM ONLY

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Job #:	Plan: FURYK C - OPT PORCH RIGHT	 Carolina Structural Systems Roof Trusses • Floor Trusses • EWP Carolina Structural Systems P.O. Box 157, Ether, NC 27247 225 Frame Shop Rd., Star, NC 27356 910-491-9004
Customer:	Date: 5/10/2021	
Site Address:	Sales Rep: RW	
City, ST, ZIP:	Designer: RW	
APPROVED BY:		
REVIEWED BY:		
DATE:		



REVISIONS:

Screen Porch Detail

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GN	
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WN
ADS
CKED

1/15/2013

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