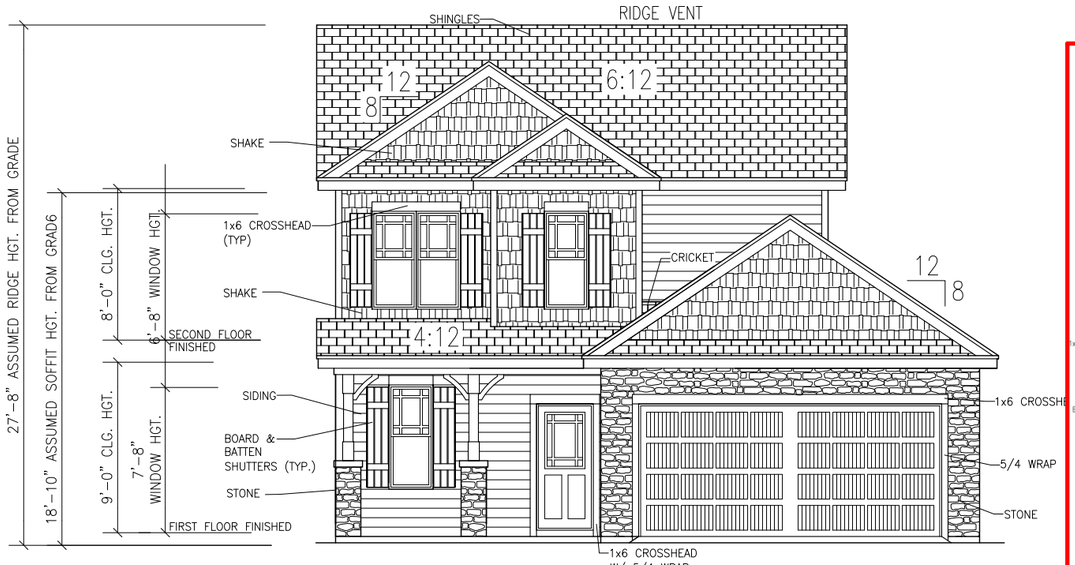
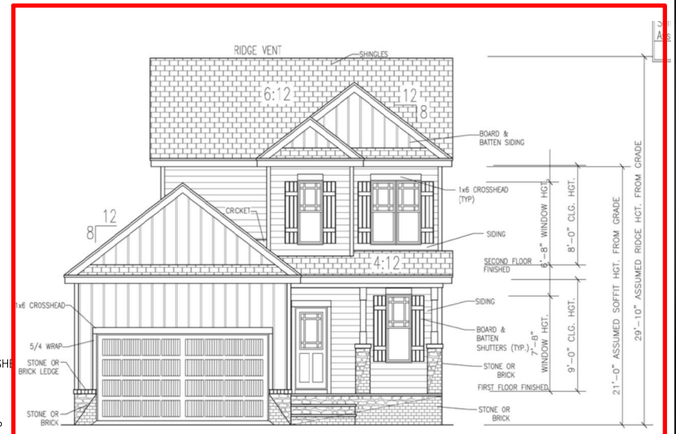
ATTIC SPACE VENTILATION
REQUIRED 1118 SQ. FT. OF CLG. / 150 = 7.46 SQ. FT. REQUIRED
REFER TO SECTION R806 (ROOF VENTILATION) IN NORTH CAROLINA STATE 2018 INTERNATIONAL RESIDENTIAL BUILDING CODES.

MEAN ROOF HGT.			
Soffit Hgt. From Assumed Grade	+ Highest Ridge Hgt. From Assumed Grade	÷ 2	= Mean Roof Hgt.
18'-10"	+ 27'-8"	÷ 2	= 23'-3" Mean Roof Hgt.

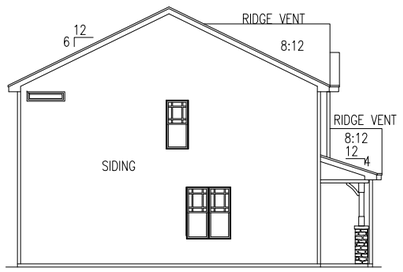


FRONT ELEVATION "C"

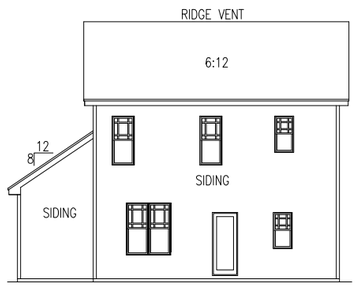


FRONT ELEVATION "C"

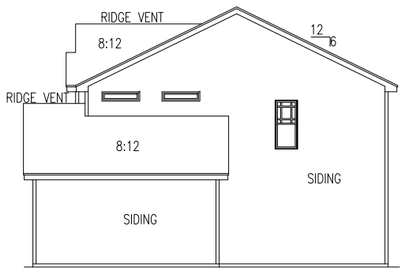
Please see Siding details. Please install and match the Right Version to the Left Version.



RIGHT ELEVATION



REAR ELEVATION



LEFT ELEVATION

RiverWILD Homes Lot 14 Mason Landing - 164 Sawyer Mill Drive

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

REVISIONS:

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FIRM # C-4187

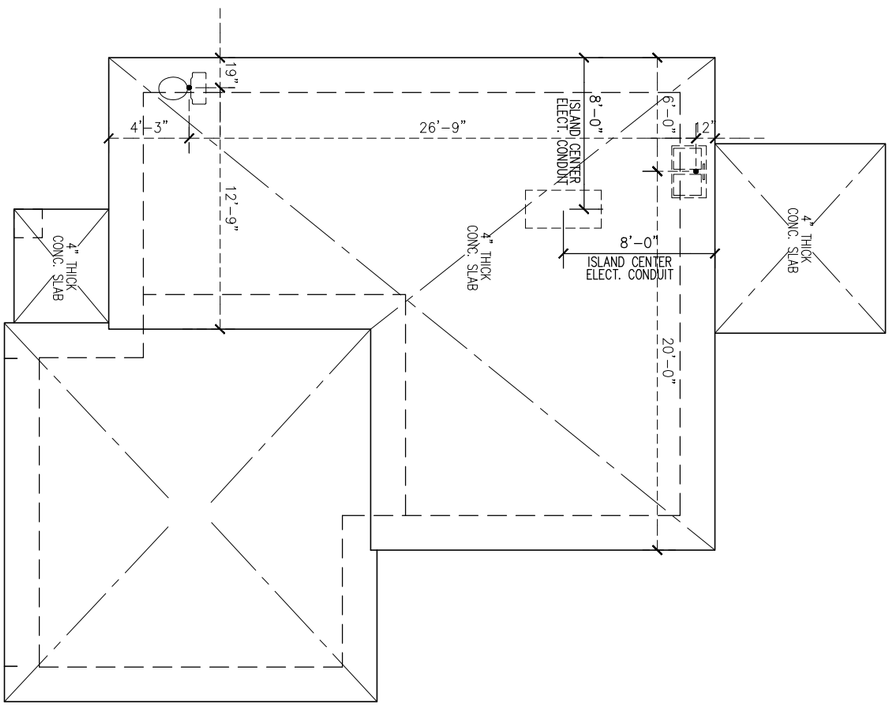
ADAMS & HODGE ENGINEERING, PC

Slab Elevation "C"

The Redwood 2-Car

DESIGN	ADS
DRAWN	ADS
DATE	12/05/18
SHEET	1C

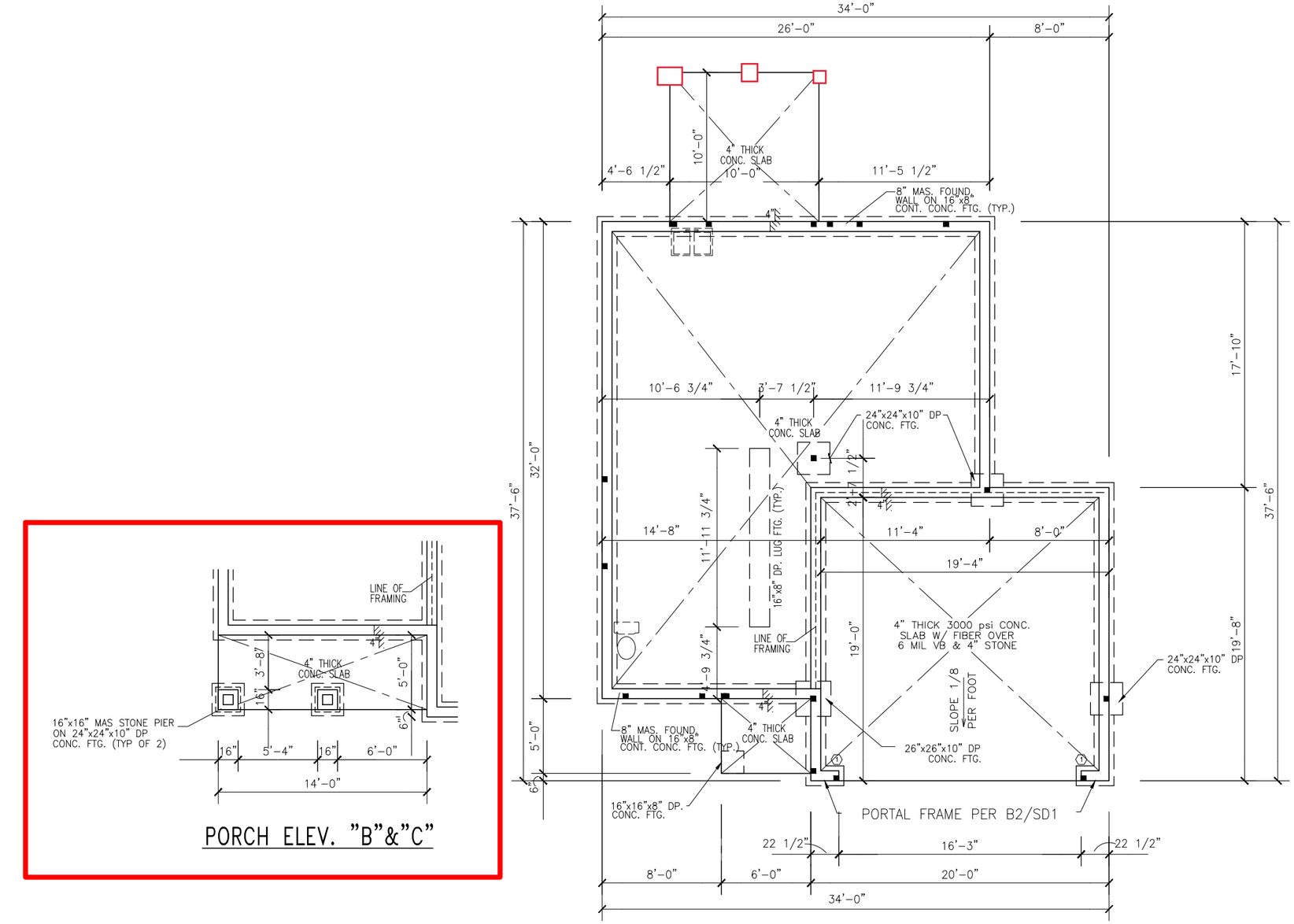
PLUMBING LAYOUT



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

SHEET 3	DATE 12/05/18	DRAWN ADS	DESIGN ADS	**The Redwood 2-Car**	**Plumbing Layout**	ADAMS & HODGE ENGINEERING, PC	314 EAST MAIN STREET CLAYTON, NC 27520 info@adamsandhodge.com 919-243-1332 FIRM # C-4187

REVISIONS:



FOUNDATION
PORCH ELEV. "A"

PORCH ELEV. "B"&"C"

NORTH CAROLINA PROFESSIONAL SEAL 024899 ENGINEER PRENTICE A. TYNDALL JR

TYNDALL ENGINEERING & DESIGN, P.A.

Project Number: 1501-010208

* 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, techiques, 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.

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

REVISIONS:

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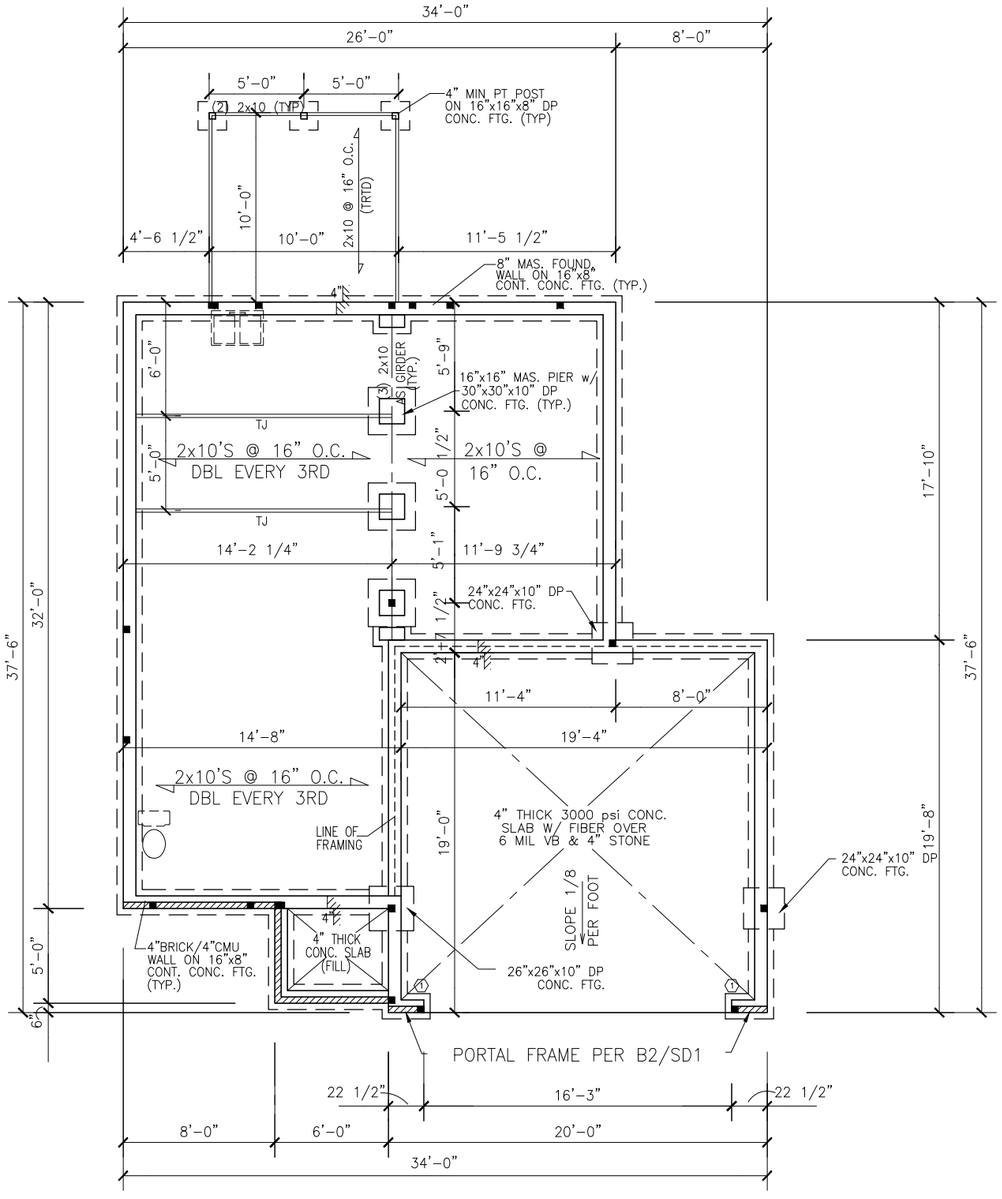
ADAMS & HODGE ENGINEERING, PC

Stem Wall Slab Foundation

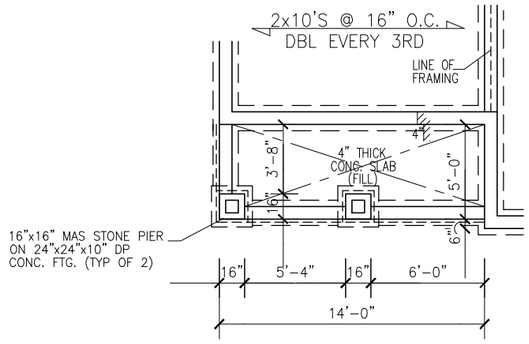
The Redwood 2-Car

DESIGN ADS
DRAWN ADS
DATE 12/05/18
SHEET 2FS



FOUNDATION

PORCH ELEV. "A"



PORCH ELEV. "B"&"C"

NORTH CAROLINA PROFESSIONAL SEAL 024899 ENGINEER PRENTICE A. TYNDALL JR

TYNDALL ENGINEERING & DESIGN, P.A.

Project Number: 1501-010208

* Structural analysis based on NC Residential Building Code 2018

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

REVISIONS:

12/13/18

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ADAMS & HODGE ENGINEERING, PC

Crawlspace Foundation

The Redwood 2-Car

DESIGN	ADS
DRAWN	ADS
DATE	12/05/18
SHEET	2FS

DESIGN LOADS

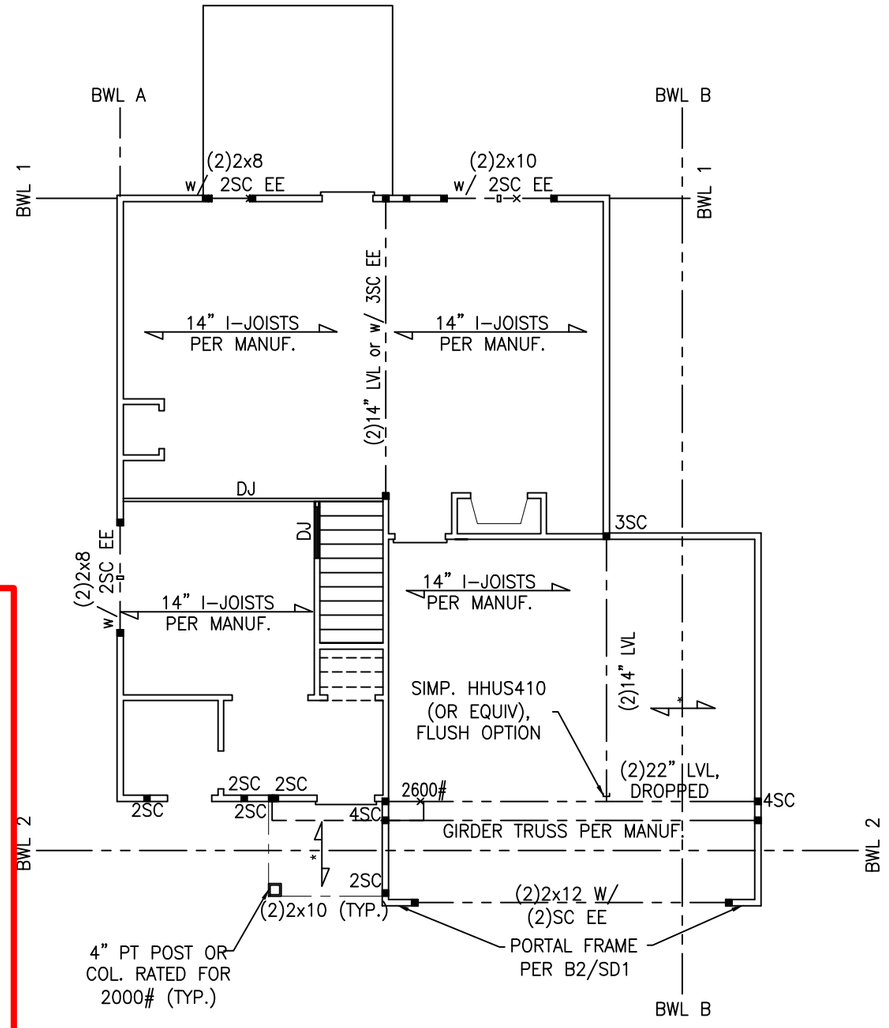
	LIVE LOAD (PSF)	DEAD LOAD (PSF)	DEFLECTION	
			LL	TL
FLOOR (primary)	40	10	L/360	L/240
FLOOR (secondary)	40	10	L/360	L/240
ATTIC (w/ storage)	20	10	L/240	L/180
ATTIC (no access)	10	5	L/240	L/180
EXTERNAL BALCONY	40	10	L/360	L/240
ROOF	20	10	L/240	L/180
ROOF TRUSS	20	20	L/240	L/180
WIND LOAD	BASED ON 120 MPH (EXPOSURE B)			
SEISMIC	BASED ON SEISMIC ZONES A, B & C			

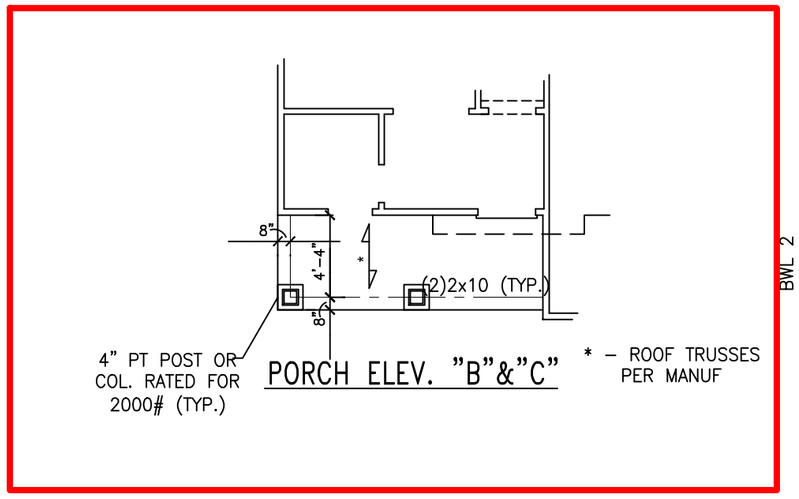
STRUCTURAL NOTES:

1) ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF "NORTH CAROLINA STATE 2018 RESIDENTIAL BUILDING CODE", IN ADDITION TO ALL LOCAL CODES AND REGULATIONS.
2) 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.
3) ALL LUMBER SHALL BE SYP #2 (UNO).
   ALL LVL LUMBER TO BE 1.75" WIDE NOMINAL EACH SINGLE MEMBER AND Fb = 2600 PSI, E = 1.9M PSI (I.E. ILEVEL MICROLAM)
   ALL LSL LUMBER IS TO BE 1.55E (Fb = 2325 PSI)
4) 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 R602.7(1).
5) ALL INTERIOR LOAD BEARING HEADERS TO BE (2) 2x10 (U.N.O.) REFER TO TABLE R602.7(2) FOR JACK STUD REQUIREMENTS FOR HEADER SPANS FOR INTERIOR AND EXTERIOR LOAD CONDITIONS (UNO)
6) REFER TO 2018 NC BUILDING CODE SECTION R602 FOR CONSTRUCTION OF ALL WALLS OVER 10'-0" IN HEIGHT.
7) ALL STRUCTURAL STEEL SHALL BE ASTM A992 GRADE 50 Fy = 50 KSI MIN. (UNO)
8) ALL EXTERIOR LUMBER TO BE #2 SYP PT
9) ALL CONCRETE, fc = 3000 PSI MIN.
10) PRESUMPTIVE BEARING CAPACITY = 2000 PSF
11) 1/2" ø 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.
12) PSL COLUMNS DESIGNED WITH MAX. HEIGHT OF 9'-0" (UNO)
13) PROVIDE A MINIMUM OF 500# UPLIFT & LATERAL CONNECTION AT TOP AND BOTTOM OF PORCH COLUMNS. (U.N.O.)
14) PROVIDE CONTINUOUS SHEATHING PER SECTION 602.10.4 OF THE 2018 IRC.
15) MAXIMUM MASONRY PIER HEIGHT SHALL NOT EXCEED FOUR TIMES ITS LEAST HORIZONTAL DIMENSION.
16) UPLIFT LOADS GREATER THAN 500# SHALL BE CONTINUOUSLY ANCHORED TO THE FOUNDATION.
17) METAL HANGERS SHALL BE SIMPSON OR APPROVED EQUAL.

BRACING PANEL LENGTHS REQUIRED:
BWL A = 8.0 FT
BWL B = 8.0 FT
BWL 1 = 8.9 FT
BWL 2 = 8.9 FT

BRACING PANEL LENGTHS PROVIDED:
BWL A = 26.5 FT CS-WSP
BWL B = 37.5 FT CS-WSP
BWL 1 = 15.5 FT CS-WSP
BWL 2 = 14.1 FT CS-WSP/PF





NORTH CAROLINA PROFESSIONAL SEAL 024899 ENGINEER PRENTICE A TYNDALL

TYNDALL ENGINEERING & DESIGN, P.A.

Project Number: 1501-010208

* Structural analysis based on NC Residential Building Code 2018

FIRST FLOOR STRUCTURAL PLAN

REVISIO

ADAMS & HODGE
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CLAYTON, NC 27520
info@adamsandhodgc.com

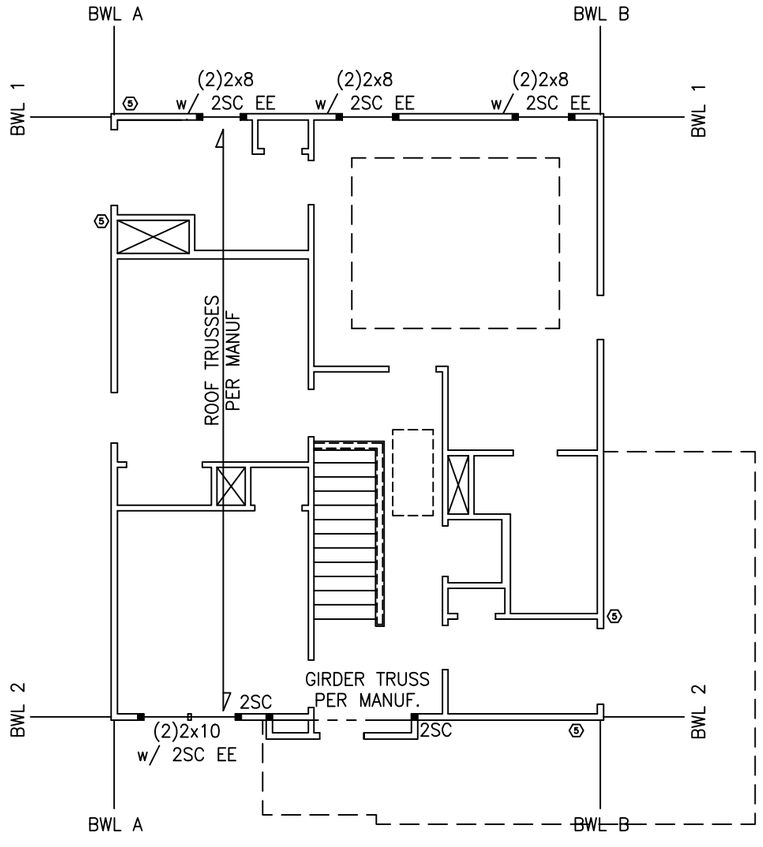
First Floor Structurals

The Redwood

DESIGN ADS
DRAWN ADS
DATE 12/05/
SHEET 3

BRACING PANEL LENGTHS REQUIRED:
BWL A = 2.8 FT
BWL B = 2.8 FT
BWL 1 = 3.3 FT
BWL 2 = 3.3 FT

BRACING PANEL LENGTHS PROVIDED:
BWL A = 25.3 FT CS-WSP
BWL B = 25.7 FT CS-WSP
BWL 1 = 18.7 FT CS-WSP
BWL 2 = 18.8 FT CS-WSP



5 MINIMUM 800# HOLD-DOWN DEVICE

NORTH CAROLINA PROFESSIONAL SEAL 024899 ENGINEER PRENTICE A. TYNDALL JR

TYNDALL ENGINEERING & DESIGN, P.A.

Project Number: 1501-010208
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DELUXE SECOND FLOOR STRUCTURAL PLAN

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

12/13/18

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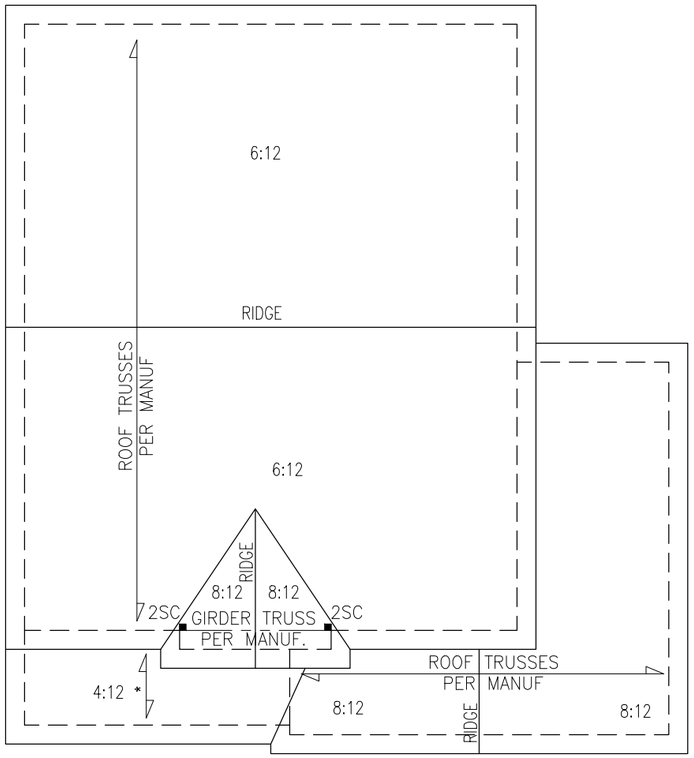
919-243-1332
FIRM # C-4187

ADAMS & HODGE ENGINEERING, PC

Deluxe Second Floor Structurals

The Redwood 2-Car

DESIGN ADS
DRAWN ADS
DATE 12/05/18
SHEET 4A

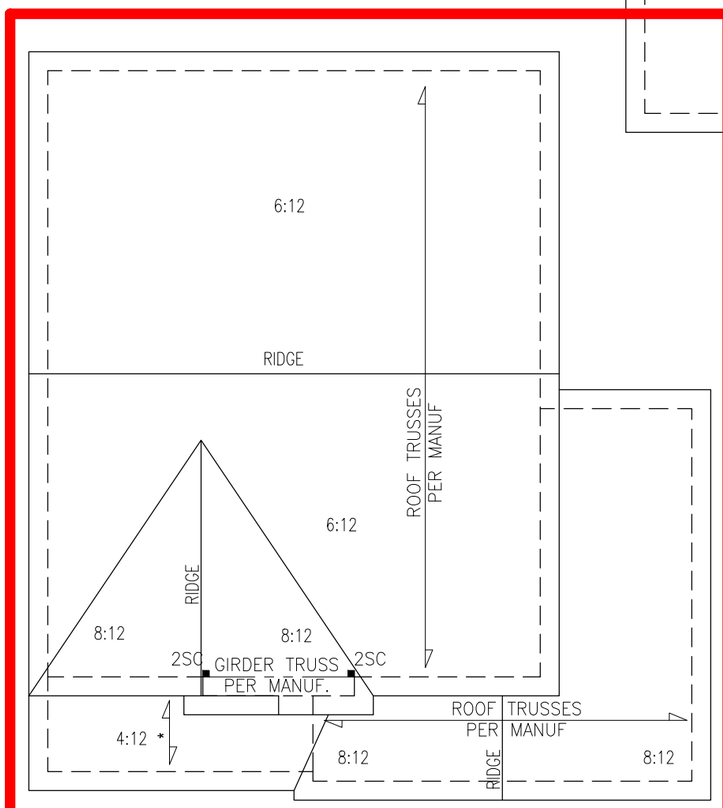


ROOF FRAMING PLAN "B"

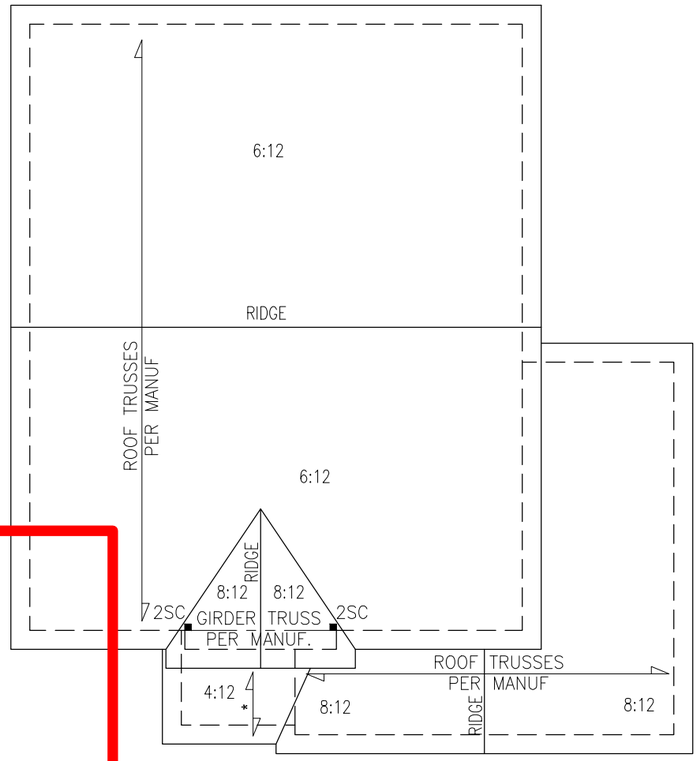
TYNDALL
ENGINEERING & DESIGN, P.A.

Project Number: 1501-010208

* Structural analysis based on NC Residential Building Code 2018



ROOF FRAMING PLAN "C"



ROOF FRAMING PLAN "A"

* - ROOF TRUSSES PER MANUF

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

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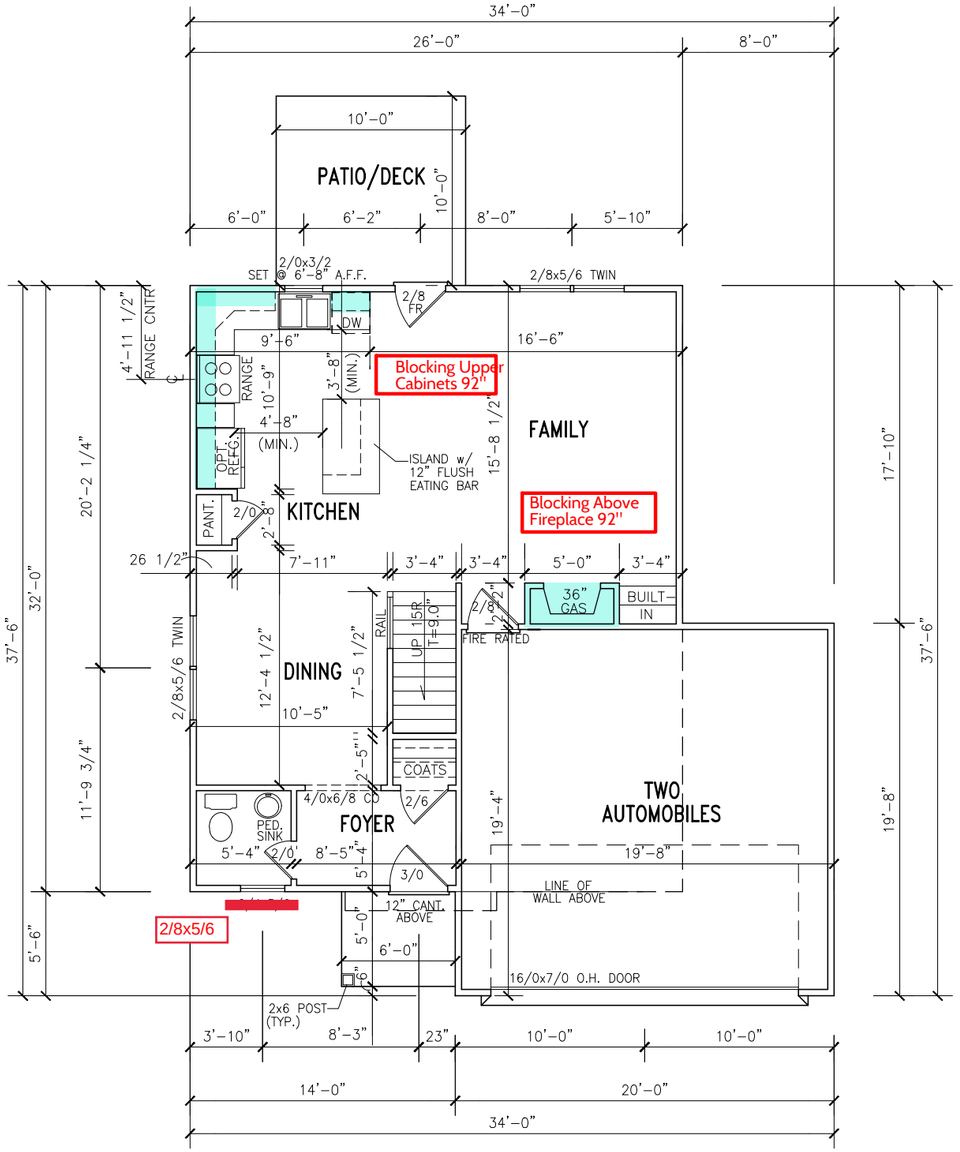
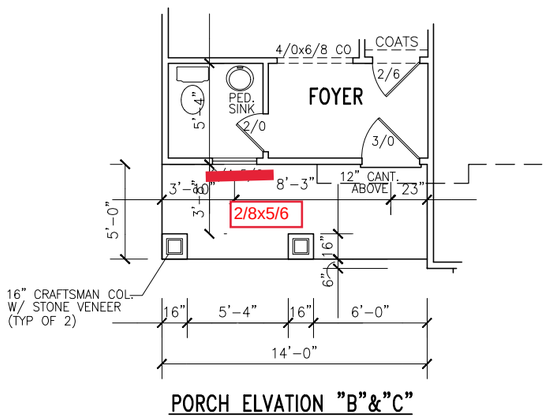
ADAMS & HODGE
ENGINEERING, PC

Roof Framing Plan

The Redwood 2-Car

DESIGN	ADS
DRAWN	ADS
DATE	12/05/18
SHEET	5





PORCH ELVATION "B"&"C"

SQUARE FOOTAGE	
FLOOR HTD.	664
FLOOR HTD.	809
FLOOR HTD.	1473
GARAGE	384
PATIO	100
ELV "A" PORCH	30
ELV "B" PORCH	70
ELV "C" PORCH	70

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.

FIRST FLOOR PLAN

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

REVISIONS:

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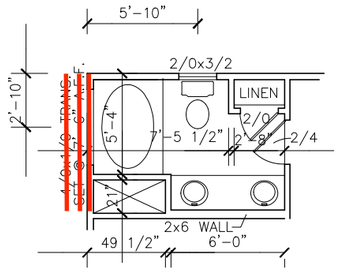
919-243-1332
FIRM # C-4187

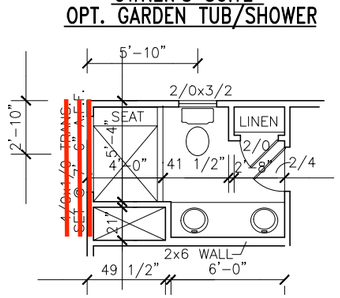
First Floor Plan

The Redwood 2-Car

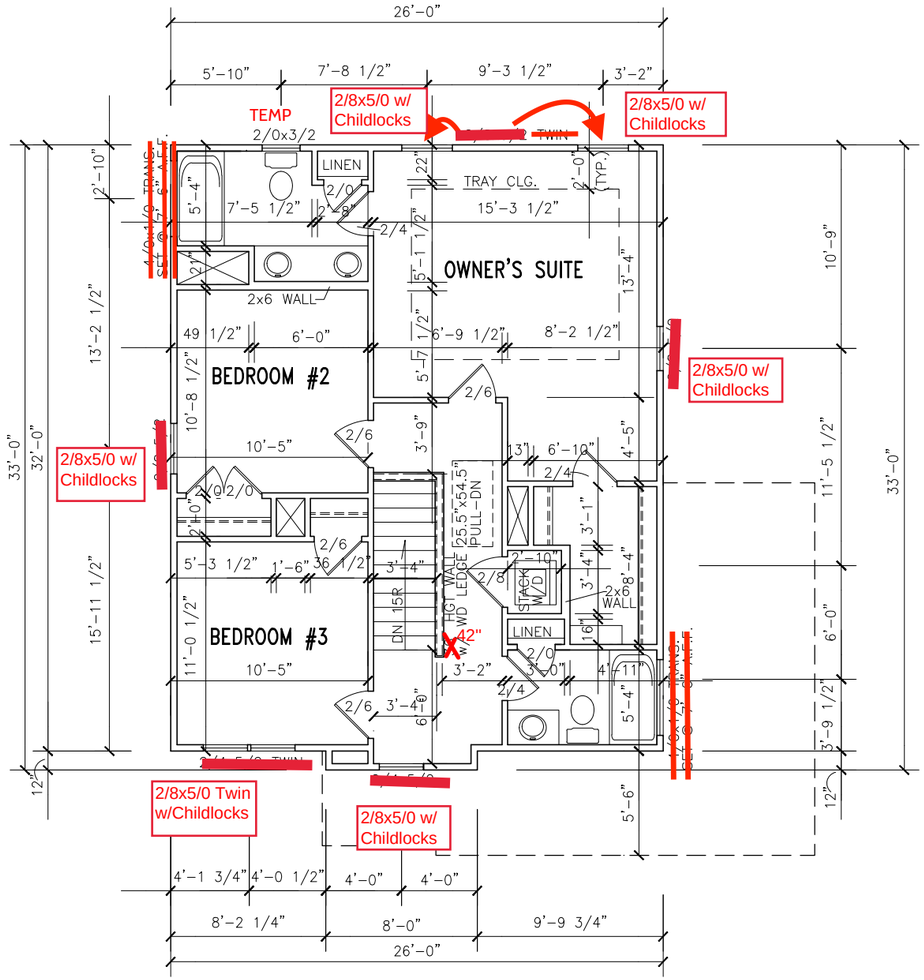
DESIGN ADS
DRAWN ADS
DATE 12/05/18
SHEET 6



OWNER'S SUITE
OPT. GARDEN TUB/SHOWER



OWNER'S SUITE
OPT. 5' SHOWER



DELUXE SECOND
FLOOR PLAN

2ND FLOOR PLAN NOTES:
1) 8'-0" CLG. HGT. (8'-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 6'-8" A.F.F. UNLESS OTHERWISE NOTED.
5) DIMENSIONS ARE TO FRAMING UNLESS OTHERWISE NOTED.

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

REVISIONS:
12/13/18

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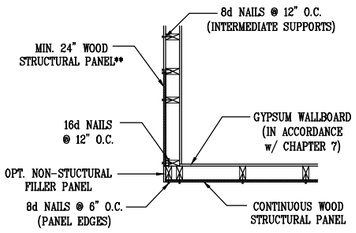
ENGINEERING, PC

A&H

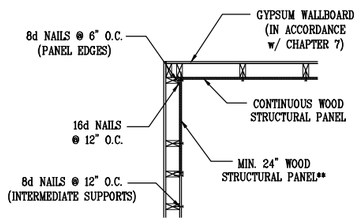
Deluxe Second Floor Plan

The Redwood 2-Car

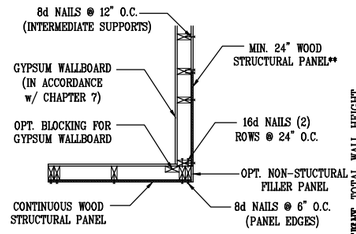
DESIGN ADS
DRAWN ADS
DATE 12/05/18
SHEET 7A



a) OUTSIDE CORNER DETAIL



b) INSIDE CORNER DETAIL



c) GARAGE DOOR CORNER

** 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

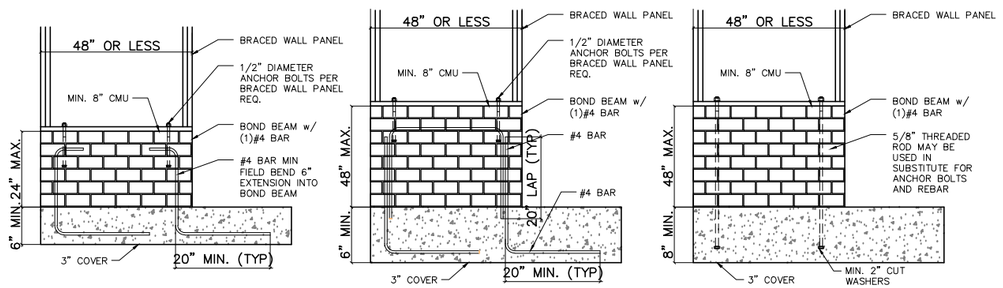
STRUCTURAL SHEATHING NOTES

1) DESIGNED FOR SEISMIC ZONE A–C AND WIND SPEEDS OF 120 MPH OR LESS.
2) WALLS SHALL BE BRACED IN ACCORDANCE WITH SECTION R602.10 OF THE 2018 NCRC.
3) BRACING REQUIREMENTS SHALL BE PER TABLE R602.10.3. REFER TO SECTION R602.10.4 FOR LOAD PATH DETAILS INCLUDING CONNECTIONS & SUPPORT OF BRACED WALL PANELS.
   ⟨1⟩ REFERENCE FIGURE R602.10.4.3 OF THE 2018 NCRC.
4) INTERIOR BRACED WALL PANELS (BWP) INDICATED SHALL BE SHEATHED IN ACCORDANCE WITH THE GB METHOD OR WSP METHOD AS PRESCRIBED IN SECTION R602.10.1 (UNO)
   ⟨2⟩ 1/2" GYPSUM BOARD (GB) MINIMUM LENGTH OF 8'–0" (ISOLATED PANELS) OR 4'–0" (CONTINUOUS SHEATHING). SECURE w/ 5d COOLER NAILS (OR EQUAL PER TABLE R702.3.5) SPACED @ 7" O.C. AT PANEL EDGES, INCLUDING TOP AND BOTTOM PLATES & 7" O.C. AT INTERMEDIATE SUPPORTS
   ⟨3⟩ 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
5) EXTERIOR BRACED WALL PANELS (BWP) SHALL BE CONSTRUCTED IN ACCORDANCE WITH CS–WSP METHOD AS PRESCRIBED IN SECTION R602.10.3 (UNO)
6) 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.
7) MINIMUM BRACED WALL PANEL LENGTHS WITH CS–WSP METHOD SHALL BE AS FOLLOWS:
   – 24" ADJACENT TO OPENINGS NOT MORE THAN 67% OF WALL HEIGHT
   – 30" ADJACENT TO OPENINGS GREATER THAN 67% AND LESS THAN 85% OF WALL HEIGHT.
   – 48" FOR OPENINGS GREATER THAN 85% OF WALL HEIGHT
   ⟨4⟩ SHEATH INTERIOR & EXTERIOR
8) 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 R602.10.3(4). IN LIEU OF A CORNER RETURN, EITHER A MIN. 48" BRACED WALL PANEL SHALL BE PROVIDED AT THE CORNER OR A HOLD–DOWN DEVICE WITH A MINIMUM UPLIFT DESIGN VALUE OF 800# SHALL BE FASTENED TO THE EDGE OF THE BRACED WALL PANEL CLOSEST TO THE CORNER AND TO THE FOUNDATION OR FRAMING BELOW.
   ⟨5⟩ MINIMUM 800# HOLD–DOWN DEVICE

REQUIRED BRACED WALL PANEL CONNECTIONS				
			REQUIRED CONNECTION	
METHOD	MATERIAL	MIN. THICKNESS	@ 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.

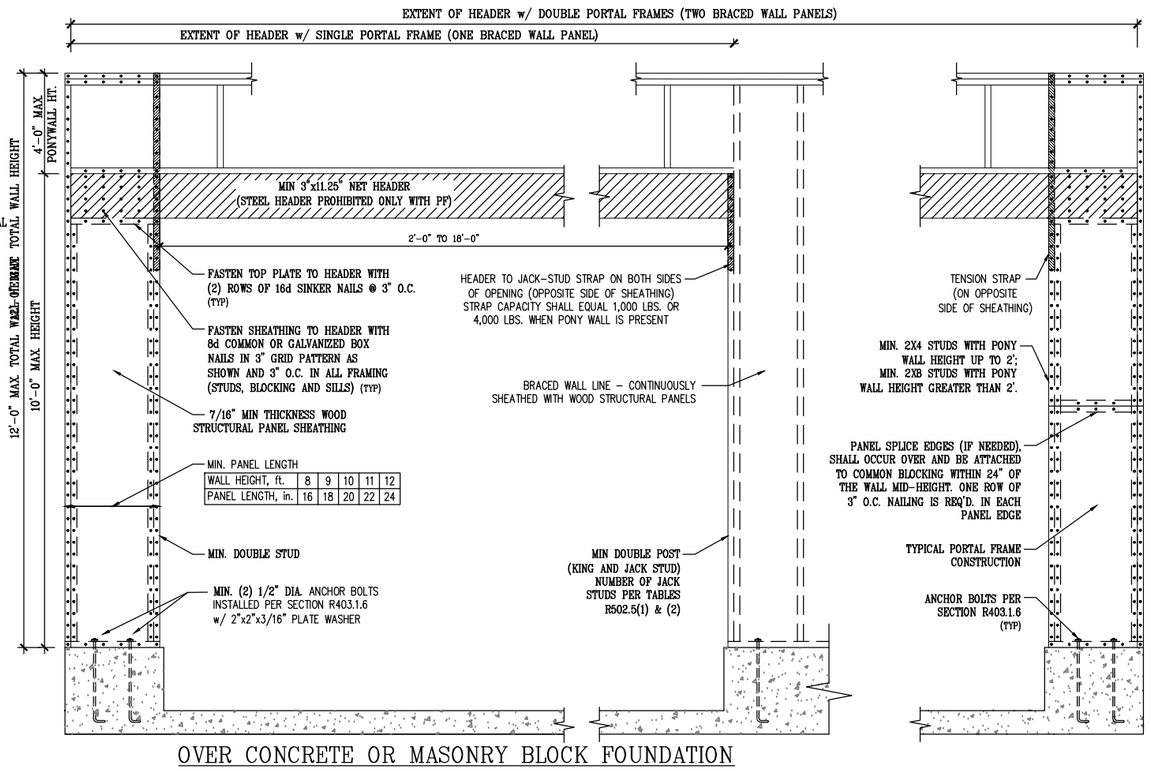
**OR EQUIVALENT PER TABLE R702.3.5

B3: BRACE WALL PANEL CONNECTIONS

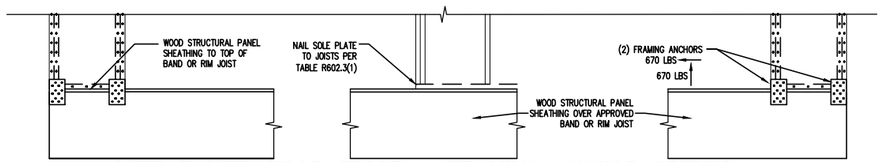


B5: MASONRY STEM WALL SUPPORTING BRACED WALL PANELS

FIGURE R602.10.9 OF THE IRC
NOTE: GROUT BOND BEAMS AND ALL CELLS WHICH CONTAIN REBAR, THREADED RODS AND ANCHOR BOLTS

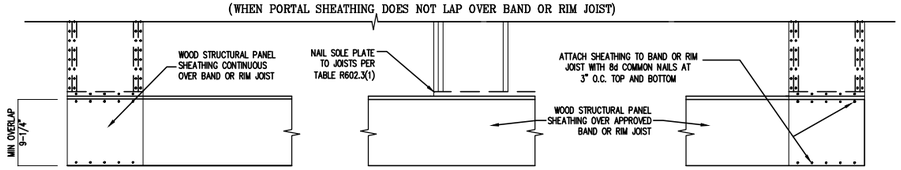


OVER CONCRETE OR MASONRY BLOCK FOUNDATION



OVER RAISED WOOD FLOOR – FRAMING ANCHOR OPTION

(WHEN PORTAL SHEATHING DOES NOT LAP OVER BAND OR RIM JOIST)



OVER RAISED WOOD FLOOR – OVERLAP OPTION

(WHEN PORTAL SHEATHING LAPS OVER BAND OR RIM JOIST)

B2: METHOD CS–PF: CONTINUOUSLY SHEATHED PORTAL FRAME

FIGURE R602.10.1

TYNDALL ENGINEERING & DESIGN, P.A.

Project Number: 1501-010208

* Structural analysis based on NC Residential Building Code 2018

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

REVISIONS:

ADAMS & HODGE ENGINEERING, PC
314 EAST MAIN STREET
CLAYTON, NC 27520
info@adamsandhodge.com
919-243-1332
FIRM # C-4187

BRACING DETAILS

The Redwood 2-Car

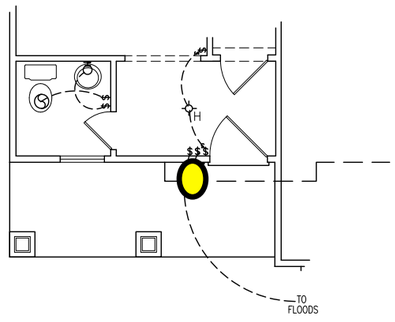
DESIGN ADS
DRAWN ADS
DATE 12/05/18
SHEET SD1

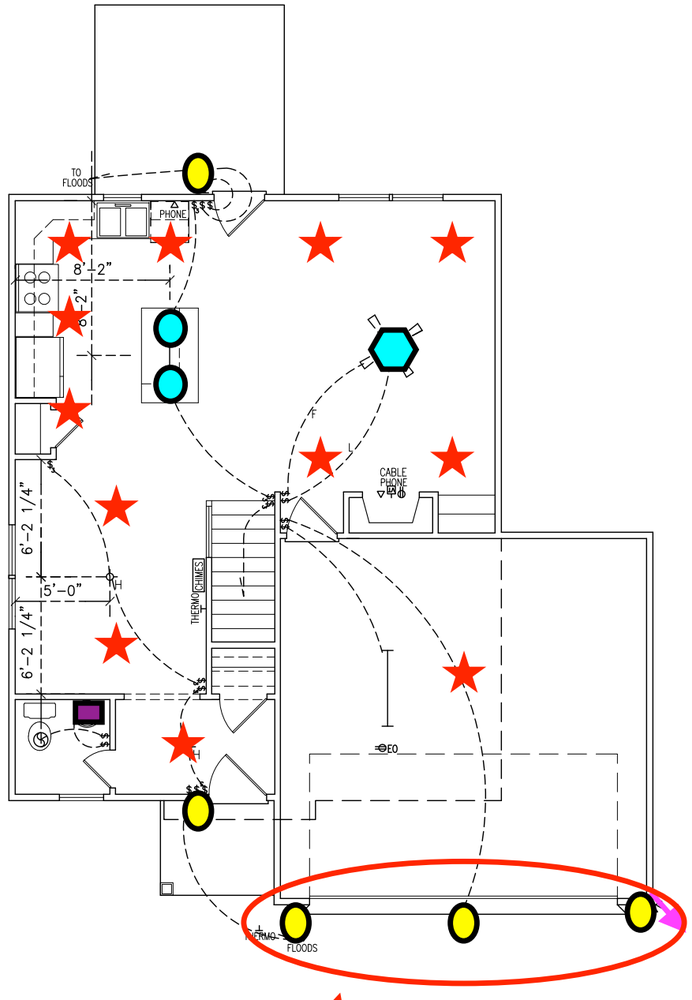
ELECTRICAL SYMBOLS

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.

- Disk Light
- Vanity Wall Fixture
- Ceiling Fan
- Flush Mount
- Pendant Light
- Flood Lights
- Exterior Wall Mount





1 Over Garage
OR
~~**2 on Sides**~~

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ADAMS & HODGE ENGINEERING, PC

First Electrical Plan

The Redwood 2-Car

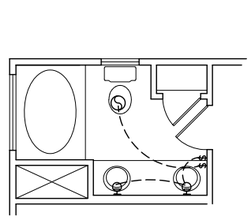
DESIGN ADS
DRAWN ADS
DATE 12/05/18
SHEET 8

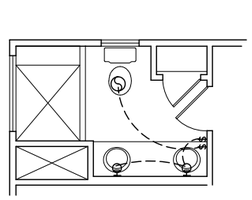
ELECTRICAL SYMBOLS

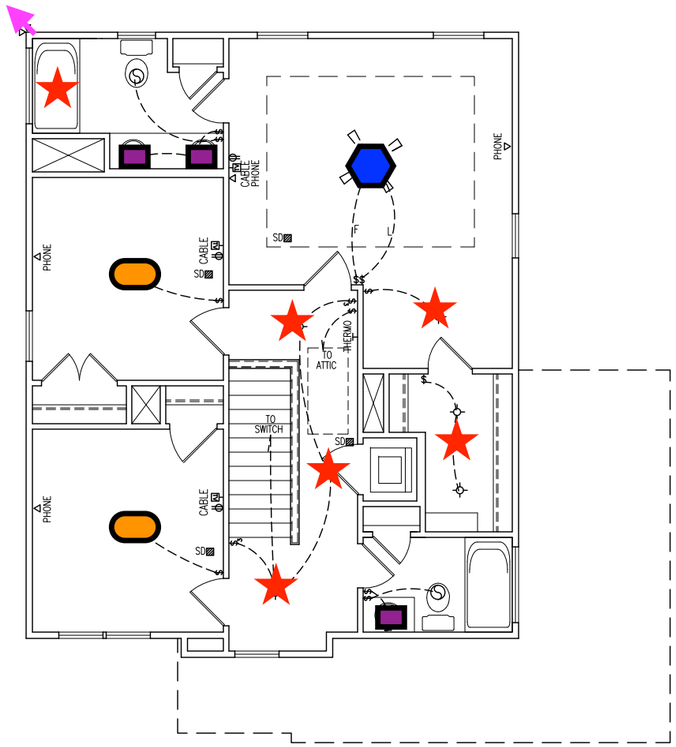
- CEILING MOUNTED LIGHT FIXTURE
- DIRECTIONAL CLG. LIGHT FIXTURE
- RECESSED LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- EXTERIOR FLOOD LIGHT
- TRACK LIGHT FIXTURE
- CHIMES
- SINGLE POLE WALL SWITCH
- 3-WAY POLE WALL SWITCH
- FOUR-WAY SWITCH
- GROUND FAULT INTERCEPTOR
- WATER PROOF SWITCH
- DIMMER SWITCH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

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

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







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FIRM # C-4187

ADAMS & HODGE ENGINEERING, PC

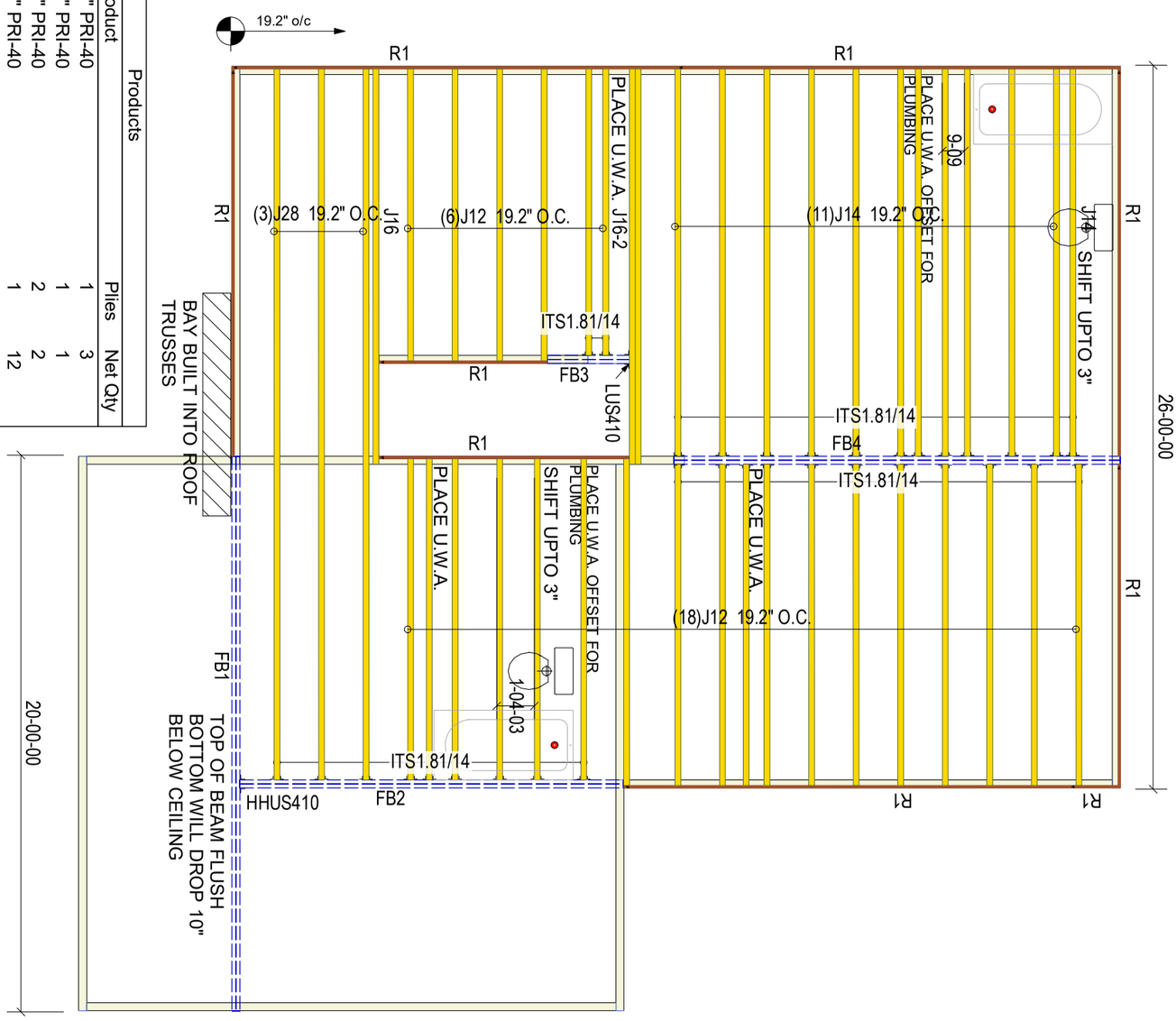
Deluxe Second Electrical Plan

The Redwood 2-Car

DESIGN ADS
DRAWN ADS
DATE 12/05/18
SHEET

Products				
PlotID	Length	Product	Plies	Net Qty
J28	28-00-00	14" PRI-40	1	3
J16	16-00-00	14" PRI-40	1	1
J16-2	16-00-00	14" PRI-40	2	2
J14	14-00-00	14" PRI-40	1	12
J12	12-00-00	14" PRI-40	1	24
FB4	17-00-00	1 3/4" x 14" 2.0E Microllam® LVL	2	2
FB2	14-00-00	1 3/4" x 14" 2.0E Microllam® LVL	2	2
FB3	3-00-00	1 3/4" x 14" 2.0E Microllam® LVL	2	2
FB1	20-00-00	1 3/4" x 24" 2.0E Microllam® LVL	2	2
R1	16-00-00	1 1/8" x 14" TJ® Rim Board	1	7

Connector Summary		
Qty	Manuf	Product
1	Simpson	HHUS410
34	Simpson	ITS1.81/14
1	Simpson	LUS410



THIS IS A TRUSS PLACEMENT DIAGRAM ONLY

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'Onifrio Drive; Madison, WI 53179.

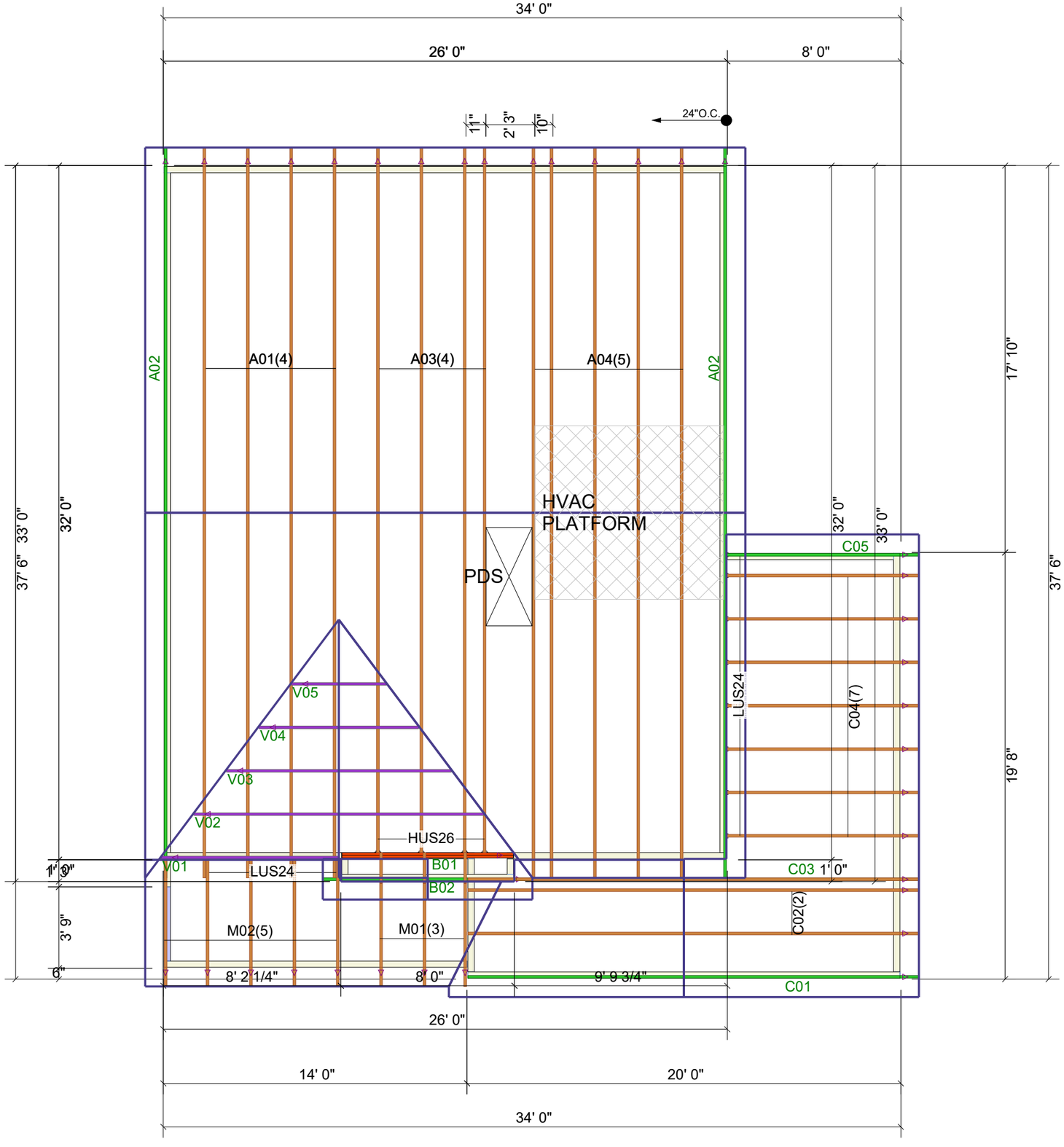
SHOP DRAWING APPROVAL

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: APPROVED BY: DATE:

Job #: 1270047	Plan: REDWOOD 2 CAR	QUALITY AUDITED by: IBC 1704.2 IBC 2303.4 ANSI/TPI 1-2002 ANSI/TPI 1-2007 ANSI/TPI 1-2014 CAROLINA STRUCTURAL SYSTEMS, LLC Star, NC Plant E30-437 910-491-9004	
Customer: ONE27 HOMES	Date: 8/29/2023		
Site Address:	Sales Rep: RW	FLOOR DATA	
City, ST, ZIP:	Designer: YS	Floor Area: 827.21 SF	

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



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REVIEWED BY: APPROVED BY: DATE:

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

Plan: REDWOOD 2C LAYOUT LEFT

Job #: 127006

Date: 2/27/2020

Customer: ONE27 HOMES

Sales Rep: RW

Site Address:

Designer: RW

City, ST, ZIP:

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY

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QUALITY AUDITED by
IBC 1704.2 IBC 2303.4
TPI Third Party Quality Assurance Program Owned by SBCRI
ANSI/TPI 1-2002 ANSI/TPI 1-2007 ANSI/TPI 1-2014
CAROLINA STRUCTURAL SYSTEMS
Ether, NC - Plant W1042
(910) 491-9004

ROOF DATA

Roof Area:	1404.5 SF
Overhang Length:	77.1 LF
Eave Length:	140.41 LF
Hip Length:	0 LF
Valley Length:	37.69 LF
Ridge Length:	47.82 LF