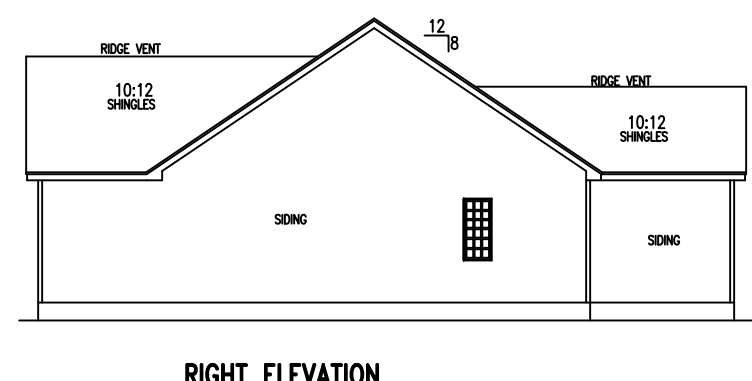
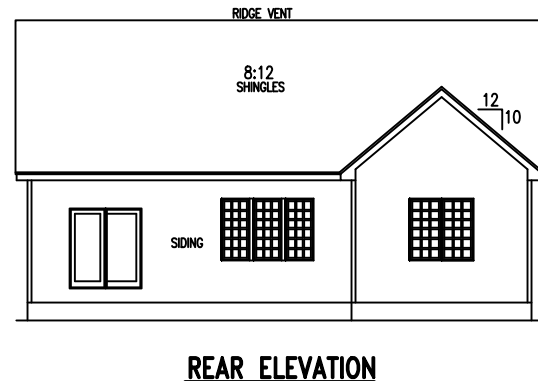
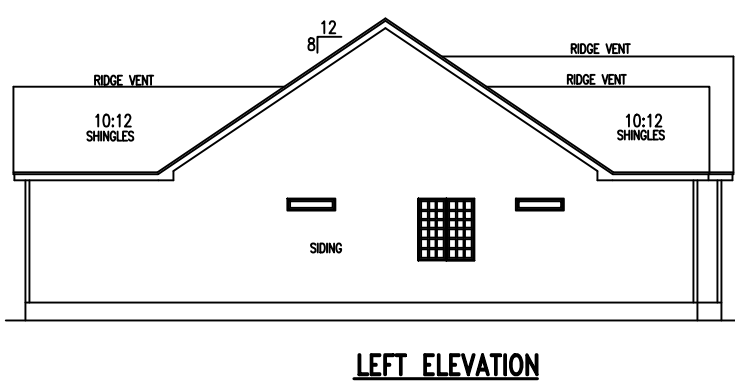




ATTIC SPACE VENTILATION	
REQUIRED	
2047	SQ. FT. OF CLG. / 150 = 13.65 SQ. FT. REQUIRED
REFER TO SECTION R806 (ROOF VENTILATION) IN 2012 NORTH CAROLINA STATE; 2009 INTERNATIONAL RESIDENTIAL BUILDING CODES.	

MEAN ROOF HGT.			
Soffit Hgt. From Assumed Grade	+ Highest Ridge Hgt. From Assumed Grade	+ 2	= Mean Roof Hgt.
11'-10"	+ 25'-2"	+ 2	= 18'-6" Mean Roof Hgt.



RiverWILD Homes Lot 10 Mason Landing - 201 SAWYER MILL DR

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

REVISIONS:

335 ATHLETIC CLUB BLVD
CLAYTON, NC 27527
domie@adamsandhodge.com
919-763-7278
FIRM # C-4187

ADAMS & HODGE
ENGINEERING, P.C.

A&H

Elevation "B"

Nicklaus

FILE

DESIGN
ADS

DRAWN
ADS

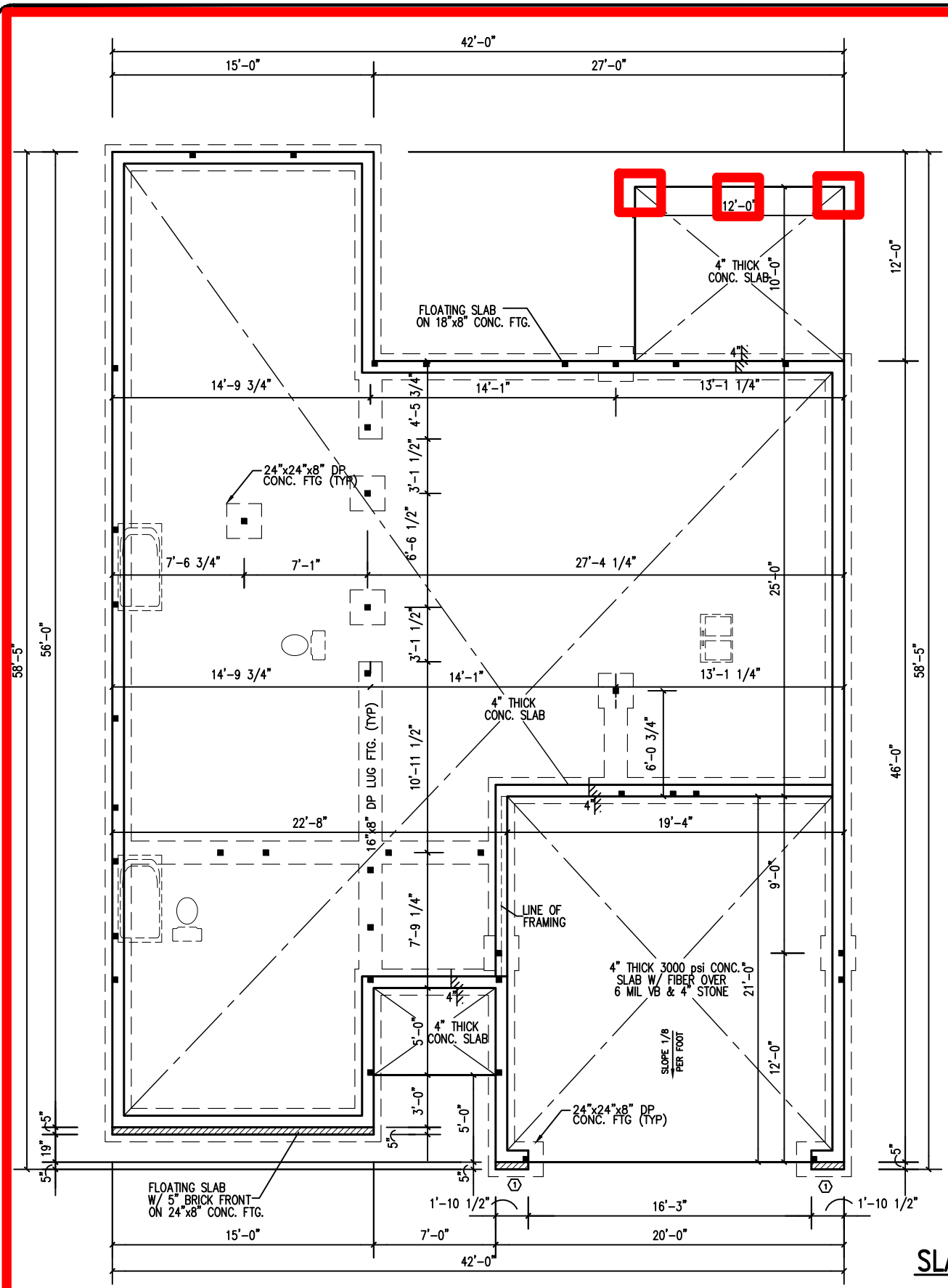
CHECKED

DATE
03/12/2019

SHEET
1B

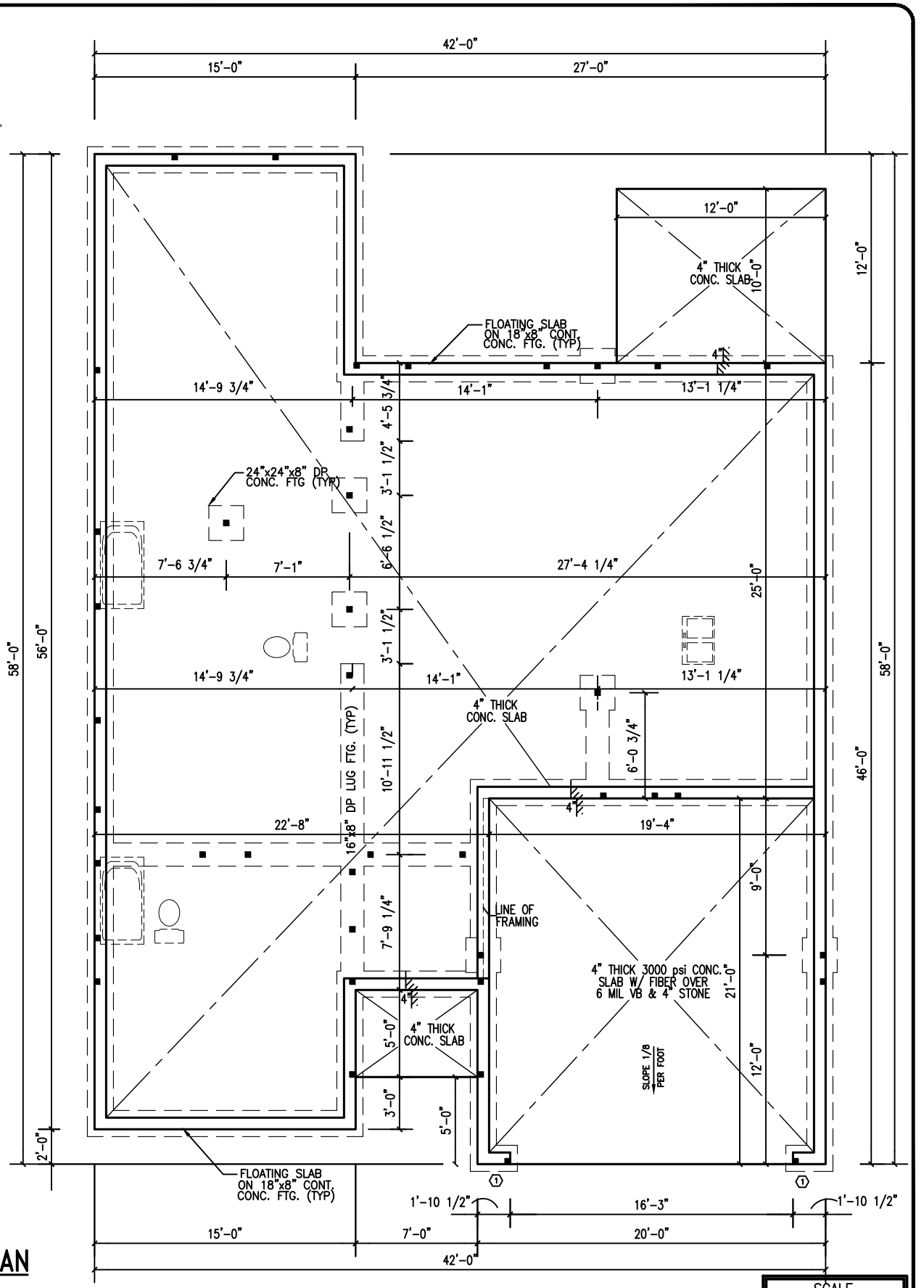
Project Number: 1901-010093
Structural analysis based on NC Residential Building Code 2018
The Engineer's seal applies only to structural components on this document. The seal does not include construction means, methods, techniques, procedures, or safety precautions. Any deviations or discrepancies on plans are to be brought to the immediate attention of Tyn dall Engineering & Design, P.A. Failure to do so will void Tyn dall Engineering's Liability.

① REFERENCE R602.10.7



ELEVATION "B"

SLAB FOUNDATION PLAN



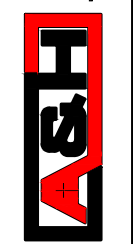
ELEVATION "A" & "C"

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

REVISIONS:

335 ATHLETIC CLUB BLVD
CLAYTON, NC 27527
dominic@adamsandhodge.com
919-768-7278
FIRM # C-4187

ADAMS & HODGE
ENGINEERING, P.C.

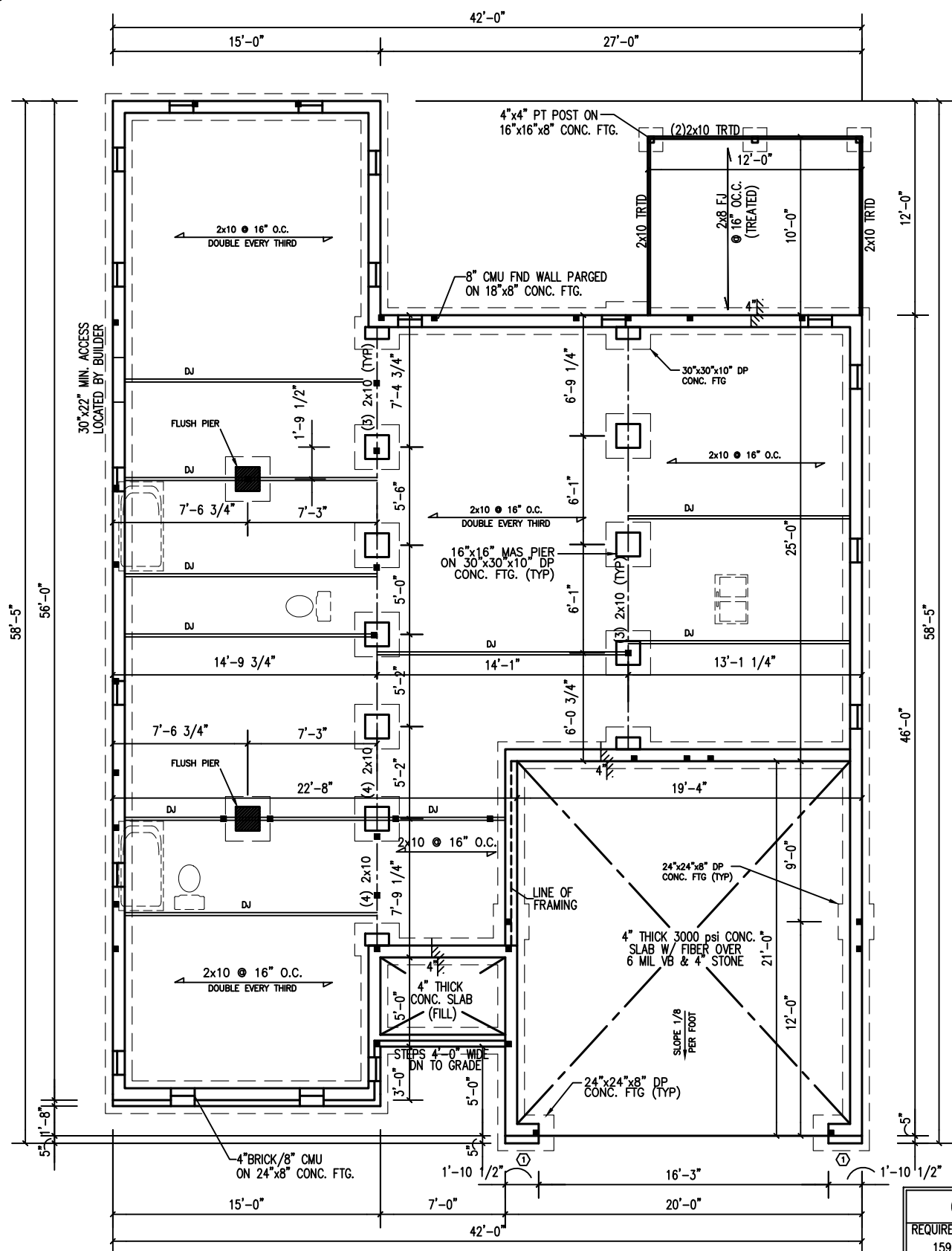


Floating
Slab
Foundation

Nicklaus

FILE
DESIGN
ADS
DRAWN
ADS
CHECKED

DATE
03/12/2019
SHEET

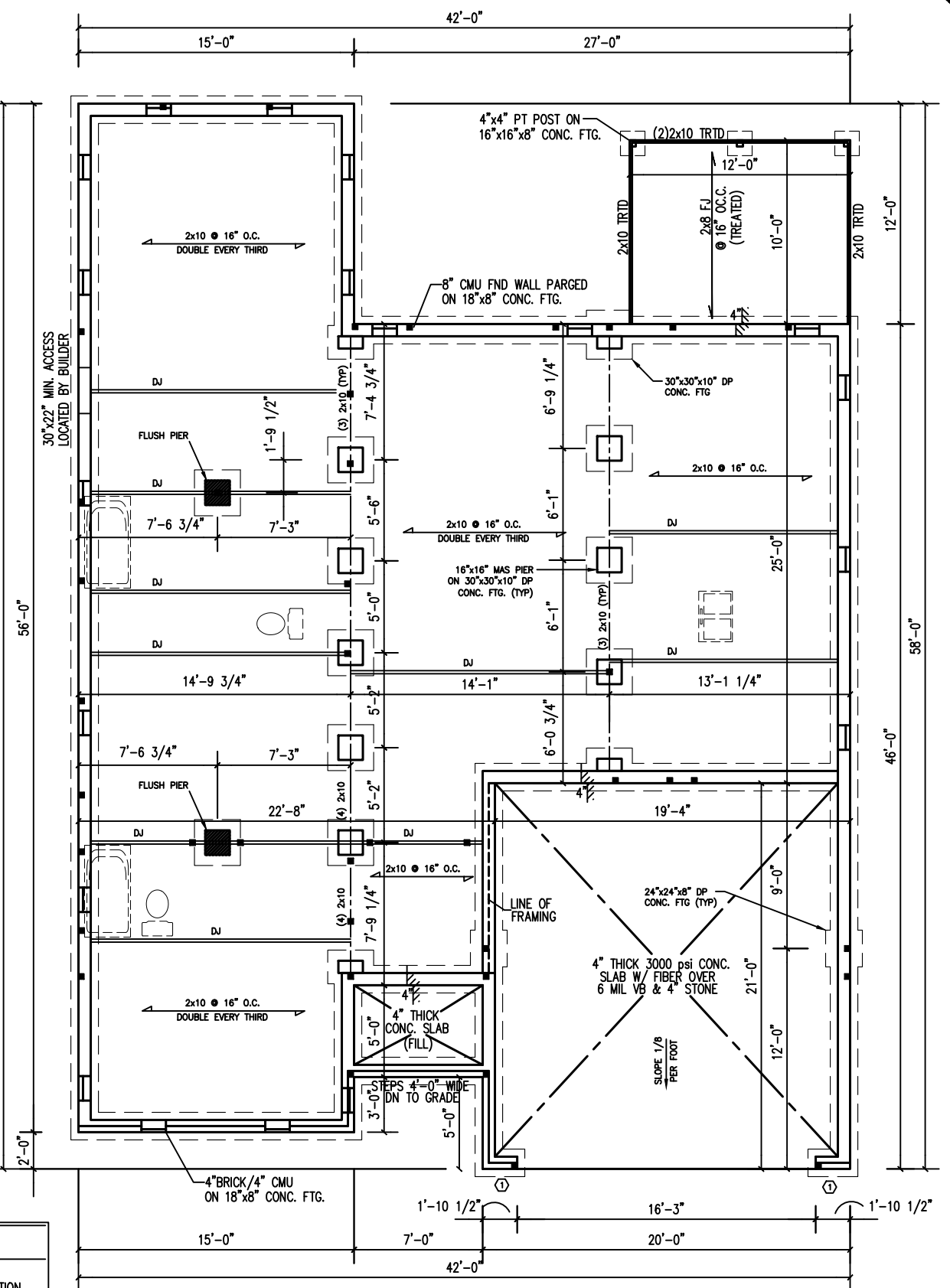


ELEVATION "B"



Project Number: 1901-010093
 * 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.

① REFERENCE R602.10.7



ELEVATION "A" & "C"

CRAWL SPACE VENTILATION	
REQUIRE	159 SQ. FT. / 150 = 10.64 SQ. FT. OF VENTILATION
PROVIDED	0.6 SQ. FT. / VENT = 18 VENTS = 10.8 (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.	

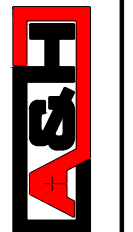
CRAWLSPACE FOUNDATION PLAN

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

REVISIONS:

335 ATHLETIC CLUB BLVD
 CLAYTON, NC 27527
 domie@adamsandhodge.com
 919-763-7278
 FIRM # C-4187

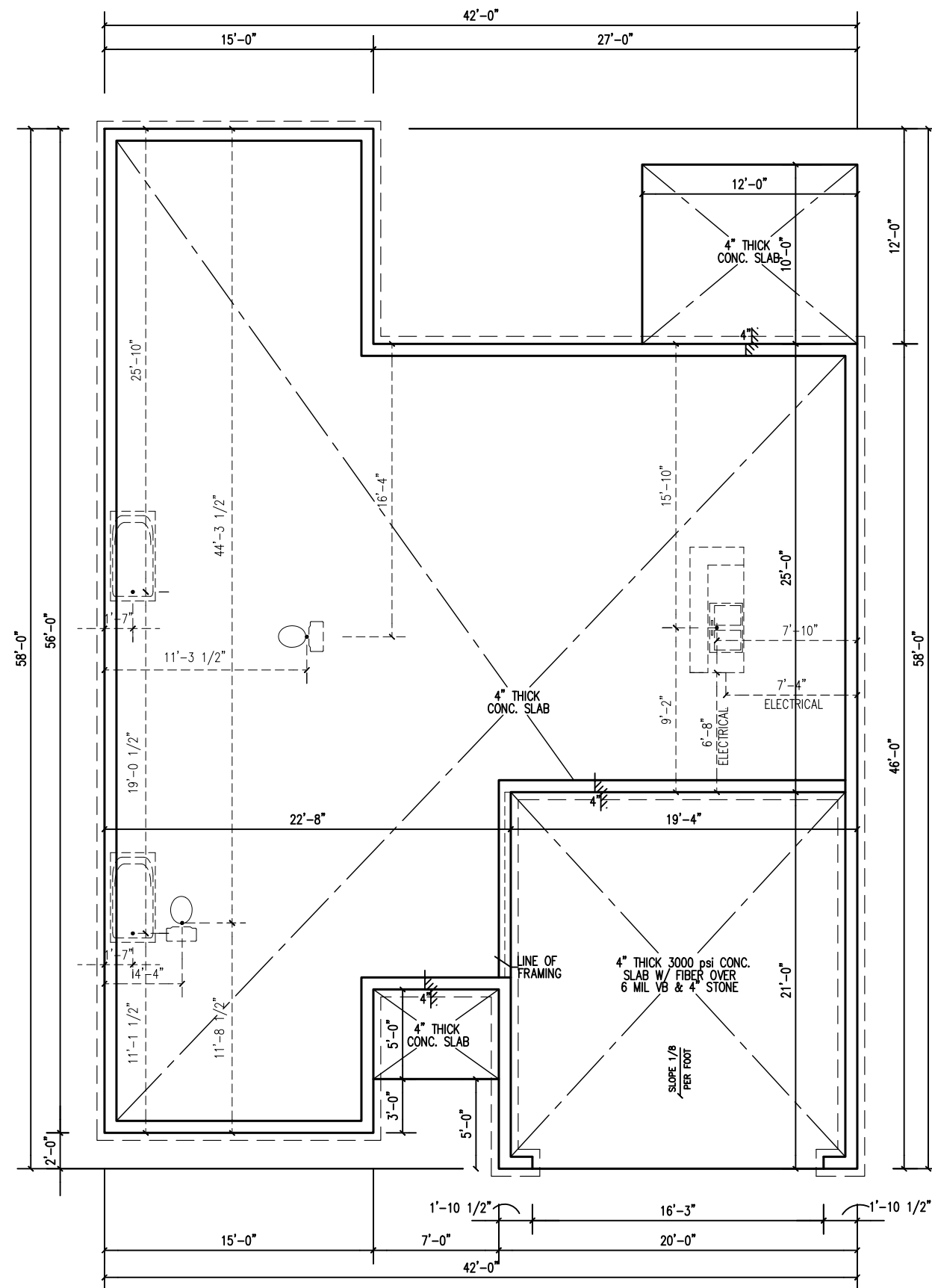
ADAMS & HODGE
 ENGINEERING, P.C.



Crawlspace Foundation


Nicklaus

FILE	
DESIGN	ADS
DRAWN	ADS
CHECKED	
DATE	03/12/2019
SHEET	2



PLUMBING LAYOUT

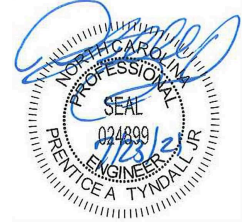
SCALE
 24"x36" = 1/4"=1'-0"
 11"x17" = 1/8"=1'-0"

REVISIONS: 335 ATHLETIC CLUB BLDG CLAYTON, NC 27527 donnie@adamsandhodge.com 919-763-7278 FIRM # C-4187	
ADAMS & HODGE ENGINEERING, P.C.	
	
Plumbing Layout	
Nicklaus	
FILE	
DESIGN	ADS
DRAWN	ADS
CHECKED	
DATE	03/12/2019
SHEET	2A



100773-000 • 408773-000
 408773-000 • 408773-000 • 408773-000
 www.tyndall-engineering.com

Project Number: 1901-010093
 * 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.



RS = ROOF SUPPORT

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:

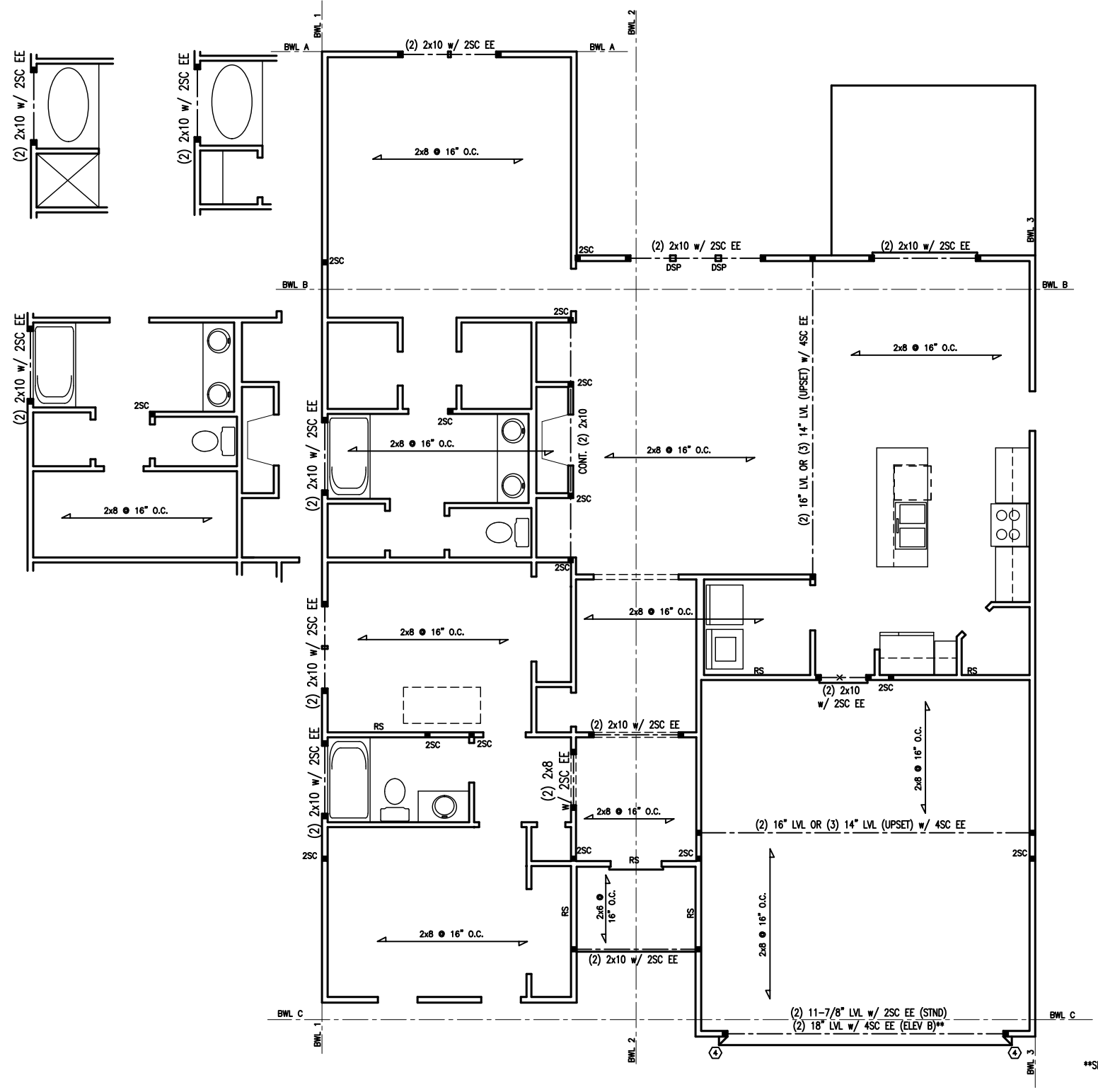
- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF "NORTH CAROLINA STATE 2018 RESIDENTIAL BUILDING CODE", IN ADDITION TO ALL LOCAL CODES AND REGULATIONS.
- IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND SQUARE FOOTAGE PRIOR TO CONSTRUCTION. TYNDALL ENGINEERING & DESIGN, PA IS NOT RESPONSIBLE FOR DIMENSIONS AND SQUARE FOOTAGE ERRORS ONCE CONSTRUCTION BEGINS.
- ALL LUMBER SHALL BE 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. LEVEL MICROLAM)
 ALL LSL LUMBER IS TO BE 1.55E (Fb = 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 2018 NC BUILDING CODE SECTION R602 FOR CONSTRUCTION OF ALL WALLS OVER 10'-0" IN HEIGHT.
- ALL STRUCTURAL STEEL SHALL BE ASTM A992 GRADE 50 Fy = 50 KSI MIN. (UNO)
- ALL EXTERIOR LUMBER TO BE #2 SYP PT
- ALL CONCRETE, fc = 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 2018 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.

STRUCTURAL SHEATHING NOTES

- DESIGNED FOR SEISMIC ZONE A-C AND WIND SPEEDS OF 120 MPH OR LESS.
- WALLS SHALL BE BRACED IN ACCORDANCE WITH SECTION R602.10 OF THE 2018 NCRC.
- 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.
 - REFERENCE FIGURE R602.10.4.3 OF THE 2018 NCRC.
- 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)
 - 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
 - 3/8" 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 R602.10.3 (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.
- 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
- SHEATH INTERIOR & EXTERIOR
 - 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.
 - MINIMUM 800# HOLD-DOWN DEVICE

BRACING PANEL LENGTHS REQUIRED:
 BWL A = 2.3 FT
 BWL B = 8.3 FT
 BWL C = 6.0 FT
 BWL 1 = 2.7 FT
 BWL 2 = 5.9 FT
 BWL 3 = 3.2 FT

BRACING PANEL LENGTHS PROVIDED:
 BWL A = 9.5 FT CS-WSP
 BWL B = 13.33 FT CS-WSP
 BWL C = 14.08 FT CS-WSP
 BWL 1 = 43.17 FT CS-WSP
 BWL 2 = 27.5 FT CS-WSP/CS-GB
 BWL 3 = 43.67 FT CS-WSP



STRUCTURAL PLANS

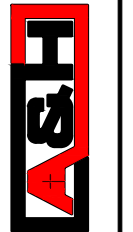
**SECURE L5x3/8x16 (LLV) LINTEL w/ 1/2\"/>

SCALE
 24\"/>

REVISIONS:

335 ATHLETIC CLUB BLVD
 CLAYTON, NC 27527
 domie@adamsandhodge.com
 919-765-7278
 FIRM # C-4187

ADAMS & HODGE
 ENGINEERING, P.C.



Structural
 Plan

Nicklaus

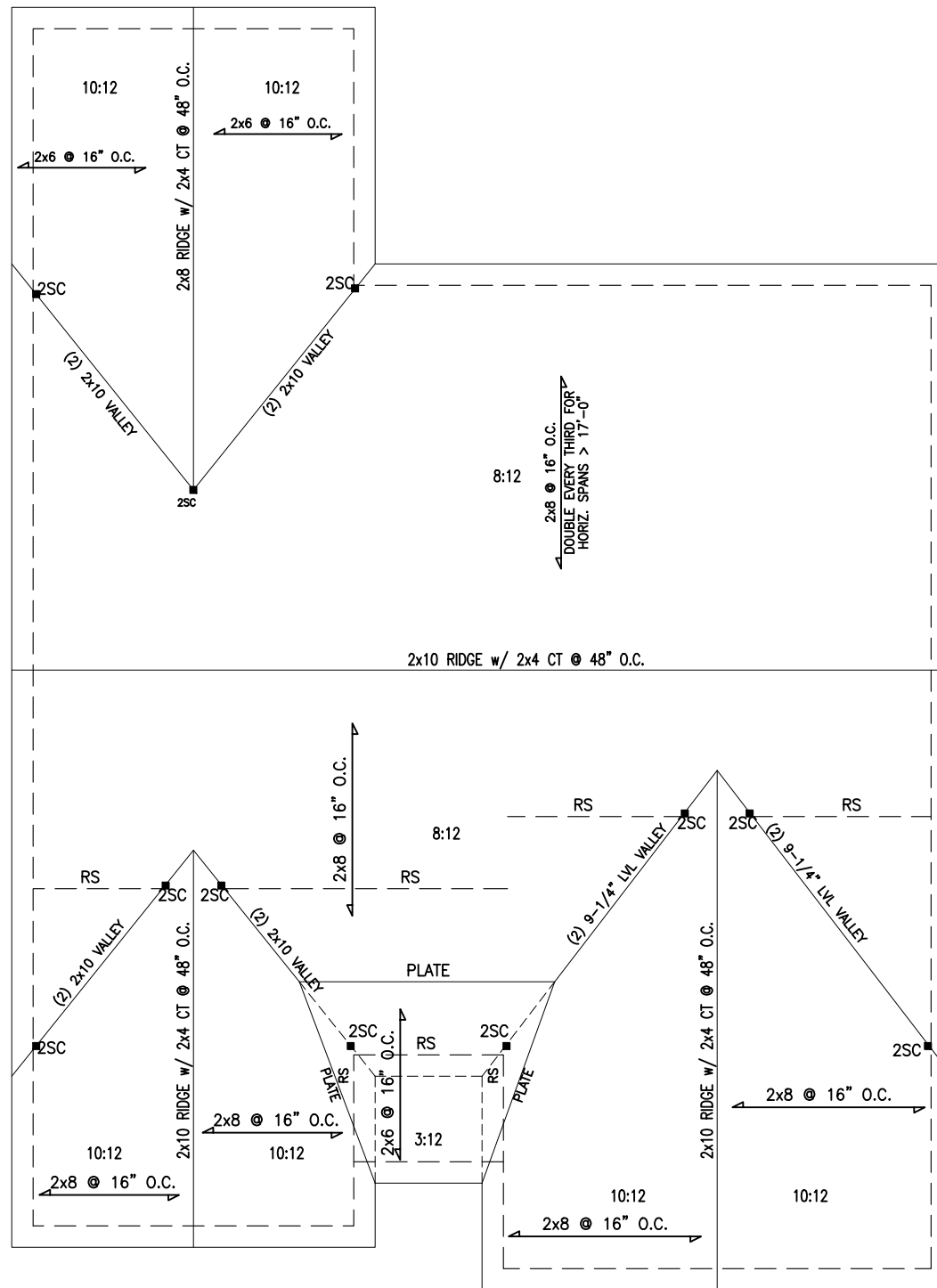
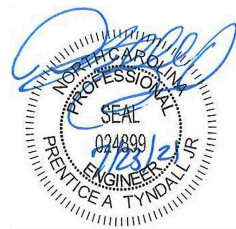
FILE
 DESIGN ADS
 DRAWN ADS
 CHECKED
 DATE 03/12/2019
 SHEET

PROVIDE SIMPSON H2.5A @ EACH RAFTER
(TYP @ SCREEN PORCHES & VAULTED AREAS)

RS = ROOF SUPPORT



Project Number: 1901-010093
* 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.



ROOF FRAMING PLAN

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

REVISIONS:

335 ATHLETIC CLUB BLVD
CLAYTON, NC 27527
denise@adamsandhodge.com
919-763-7278
FIRM # C-4187

ADAMS & HODGE
ENGINEERING, P.C.



Roof Framing

Nicklaus

FILE

DESIGN ADS

DRAWN ADS

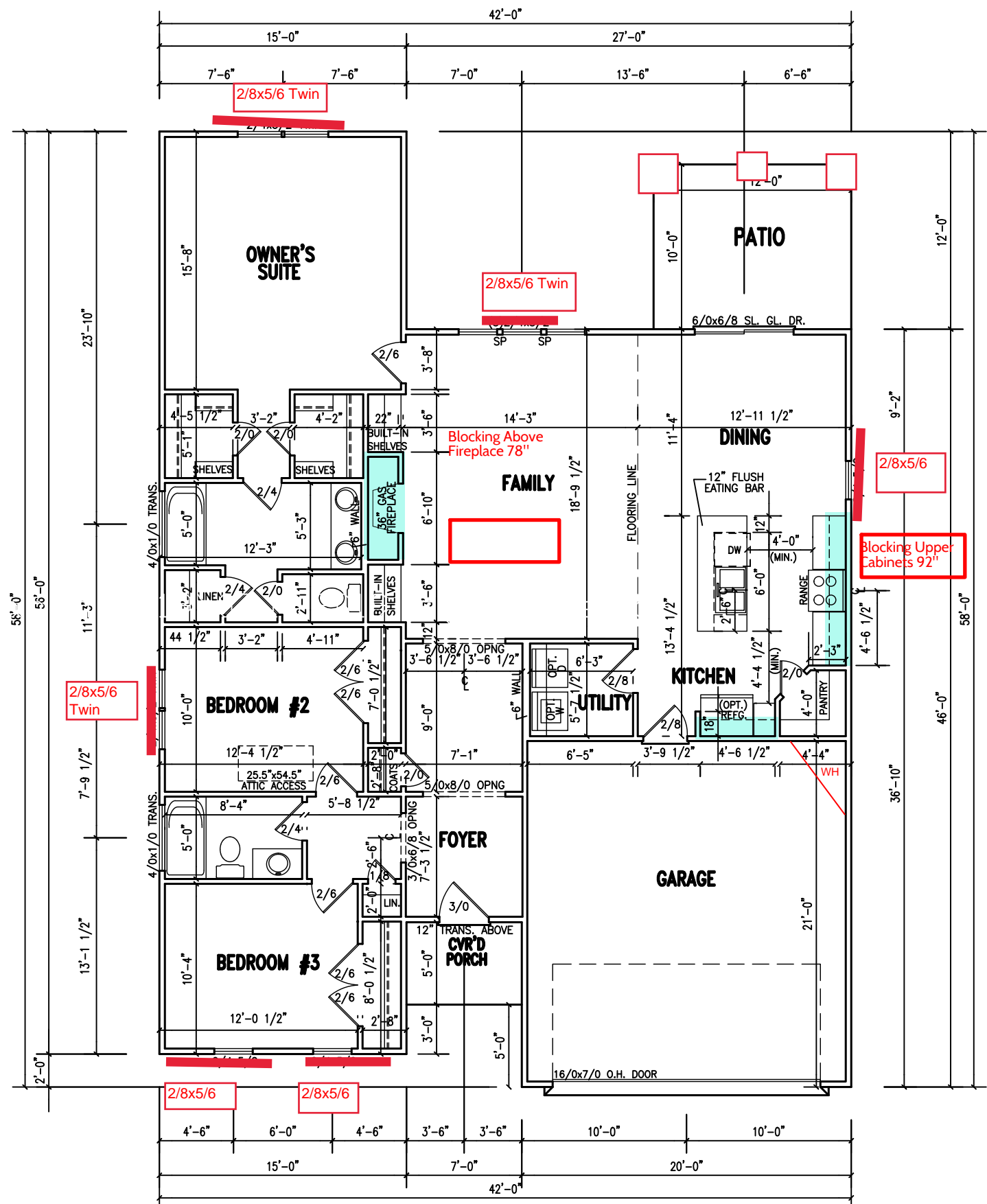
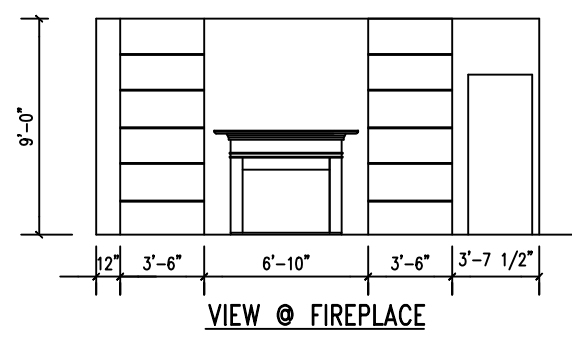
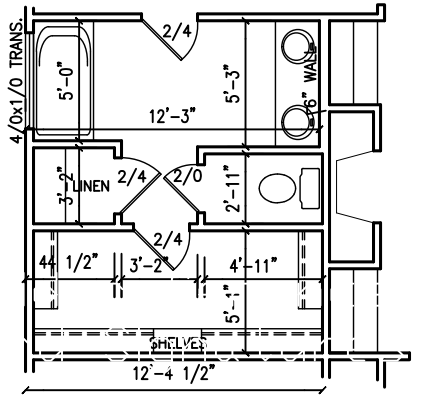
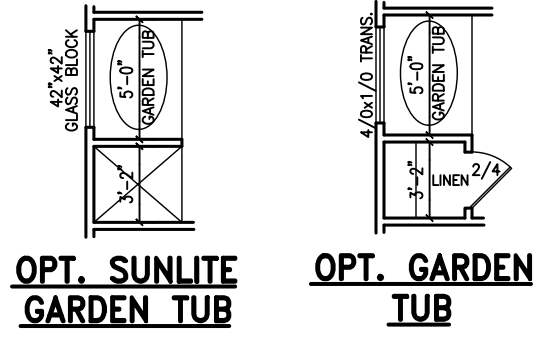
CHECKED

DATE

03/12/2019

SHEET

4



SQUARE FOOTAGE	
1ST FLOOR HTD.	1596
TOTAL	1596
GARAGE	416
PATIO	120
ELEVATION "A" PORCH	35
ELEVATION "B" PORCH	35
ELEVATION "C" PORCH	35

- 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'-6" 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"	

NICKLAUS
1596 SQ. FT.

REVISIONS:

335 ATHLETIC CLUB BLVD
 CLAYTON, NC 27527
 dominic@adamsandhodge.com
 919-763-7278
 FIRM # C-4187

ADAMS & HODGE
ENGINEERING, P.C.

A&H

Floor Plan

Nicklaus

FILE

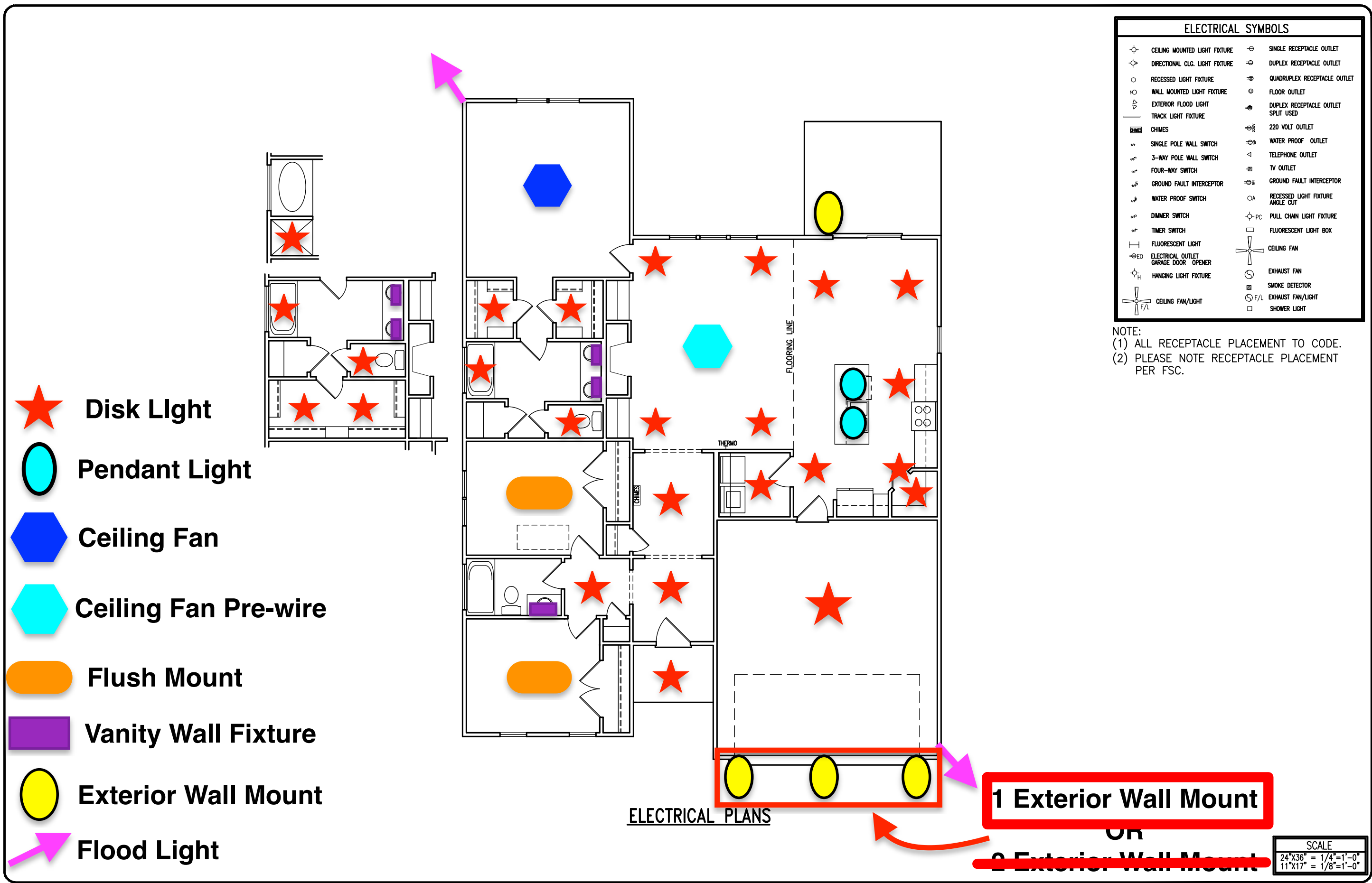
DESIGN
ADS


DRAWN
ADS





































CHECKED

DATE
03/12/2019

SHEET
5



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

ELECTRICAL SYMBOLS			
	CEILING MOUNTED LIGHT FIXTURE		SINGLE RECEPTACLE OUTLET
	DIRECTIONAL CLG. LIGHT FIXTURE		DUPLEX RECEPTACLE OUTLET
	RECESSED LIGHT FIXTURE		QUADRUPLX 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 FSC.

1 Exterior Wall Mount

~~2 Exterior Wall Mount~~

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

REVISIONS:

335 ATHLETIC CLUB BLVD
 CLAYTON, NC 27527
 domme@adamsandhodge.com
 919-763-7278
 FIRM # C-4187

ADAMS & HODGE ENGINEERING, P.C.

A&H

Electrical Plan

Nicklaus

FILE

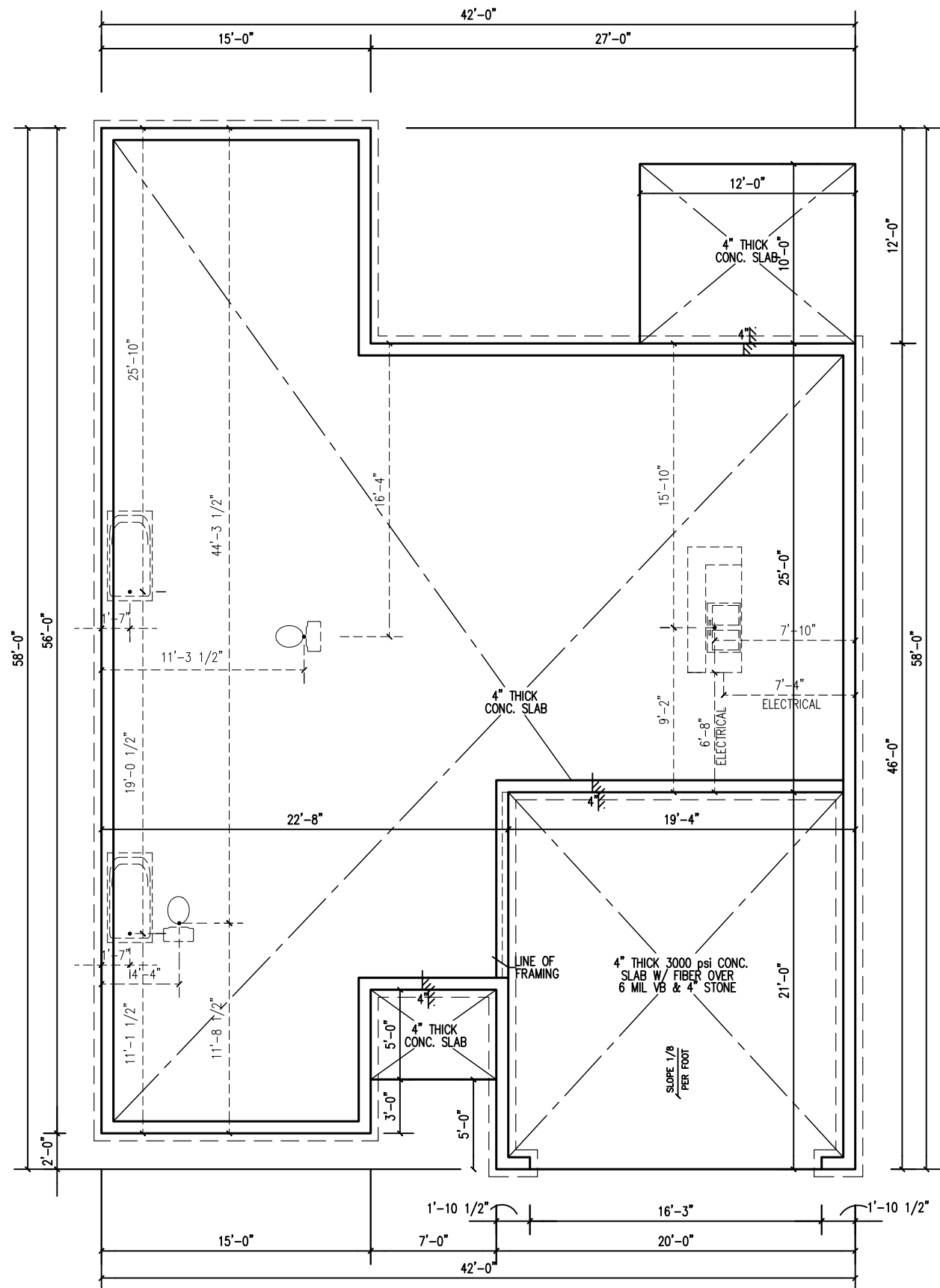
DESIGN ADS


DRAWN ADS

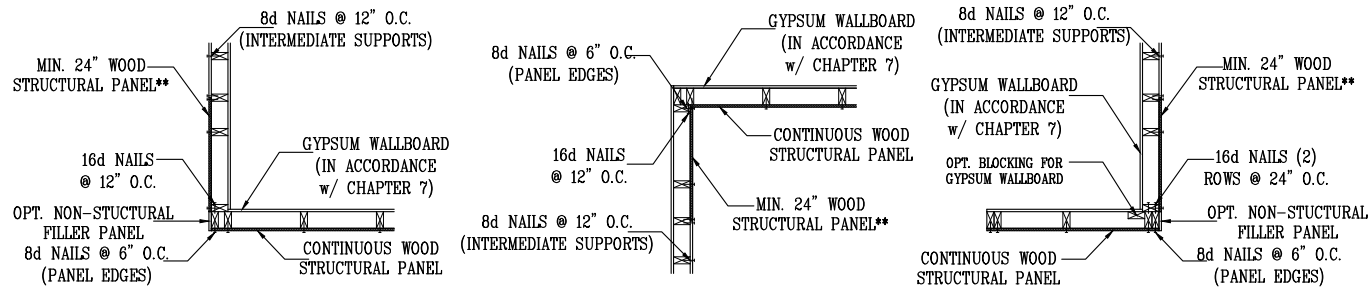
CHECKED

DATE 03/12/2019

SHEET 6



REVISIONS:	
335 ATHLETIC CLUB BLDG CLAYTON, NC 27527 dominic@adamsandhodge.com 919-763-7778 FIRM # C-4187	
ADAMS & HODGE ENGINEERING, P.C.	
	
Plumbing Layout	
Nicklaus	
FILE	
DESIGN	ADS
DRAWN	ADS
CHECKED	
DATE	03/12/2019
SHEET	2A



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.

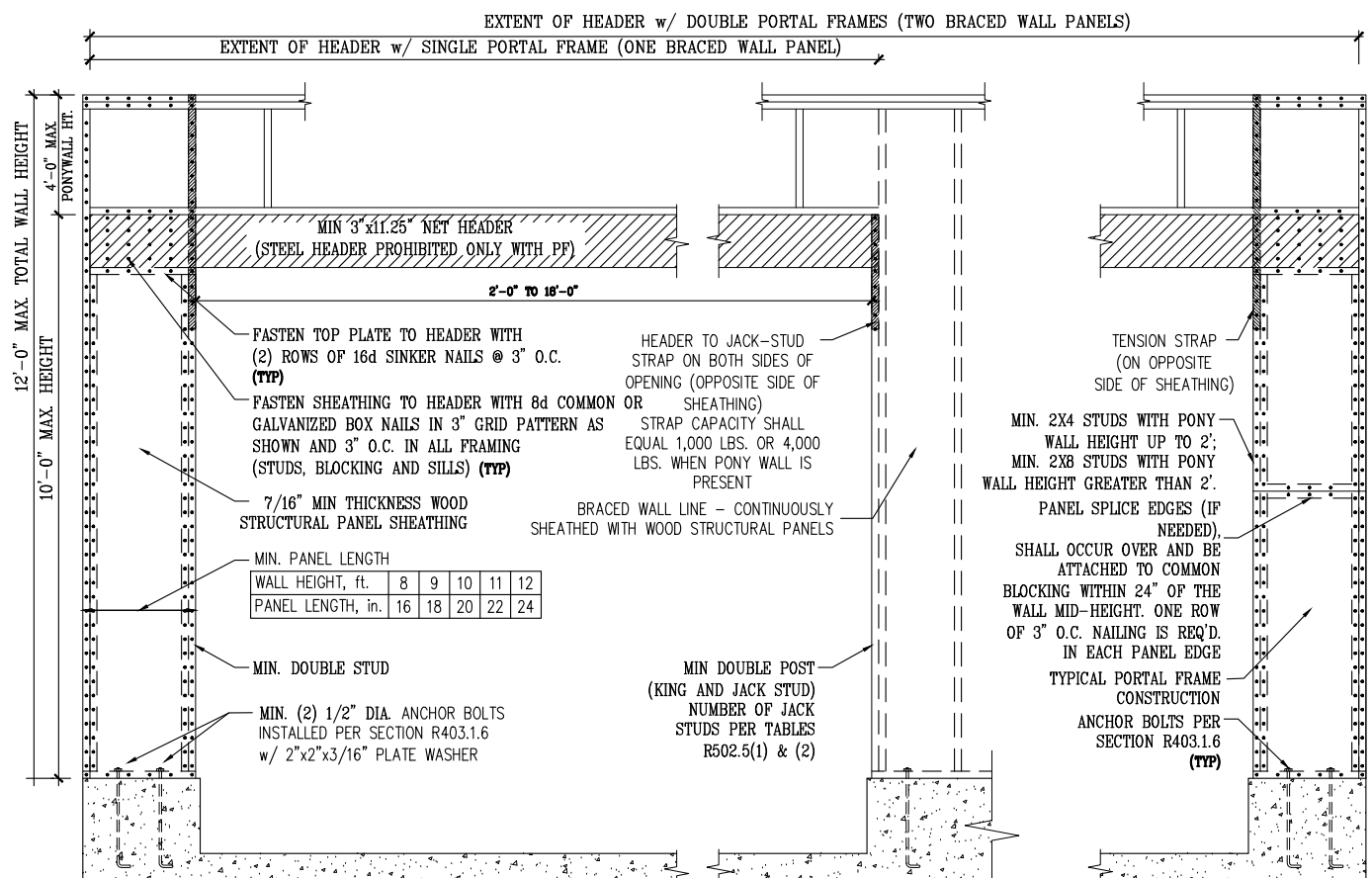
B1: TYPICAL EXTERIOR CORNER FRAMING FOR CONTINUOUS SHEATHING

- NO SCALE
- STRUCTURAL SHEATHING NOTES**
- DESIGNED FOR SEISMIC ZONE A-C AND WIND SPEEDS OF 120 MPH OR LESS.
 - WALLS SHALL BE BRACED IN ACCORDANCE WITH SECTION R602.10 OF THE 2018 NCR.
 - 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.
 - REFERENCE FIGURE R602.10.4.3 OF THE 2018 NCR.
 - 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)
 - 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
 - 3/8" 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 R602.10.3 (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.
 - 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
 - SHEATH INTERIOR & EXTERIOR
 - 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.
 - MINIMUM 800# HOLD-DOWN DEVICE

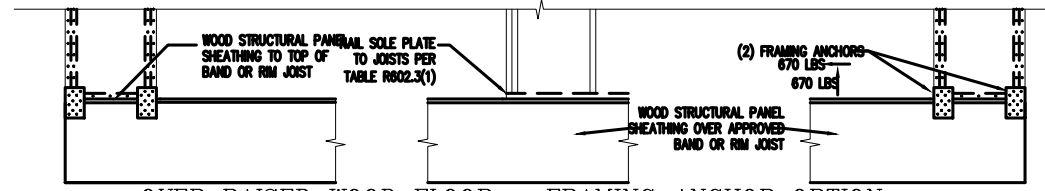
REQUIRED BRACED WALL PANEL CONNECTIONS				
METHOD	MATERIAL	MIN. THICKNESS	REQUIRED CONNECTION	
			@ PANEL EDGES	@ INTERMEDIATE SUPPORTS
CS-WSP	WOOD STRUCTURAL PANEL	3/8"	6d COMMON NAILS @ 6" O.C.	6d COMMON NAILS @ 12" O.C.
GB	GYPSUM BOARD	1/2"	5d COOLER NAIL** @ 7" O.C.	5d COOLER NAIL** @ 7" O.C.
WSP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

**OR EQUIVALENT PER TABLE R702.3.5
B3: BRACE WALL PANEL CONNECTIONS

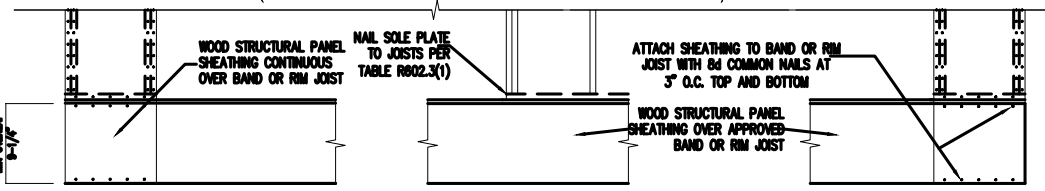
NO SCALE



OVER CONCRETE OR MASONRY BLOCK FOUNDATION

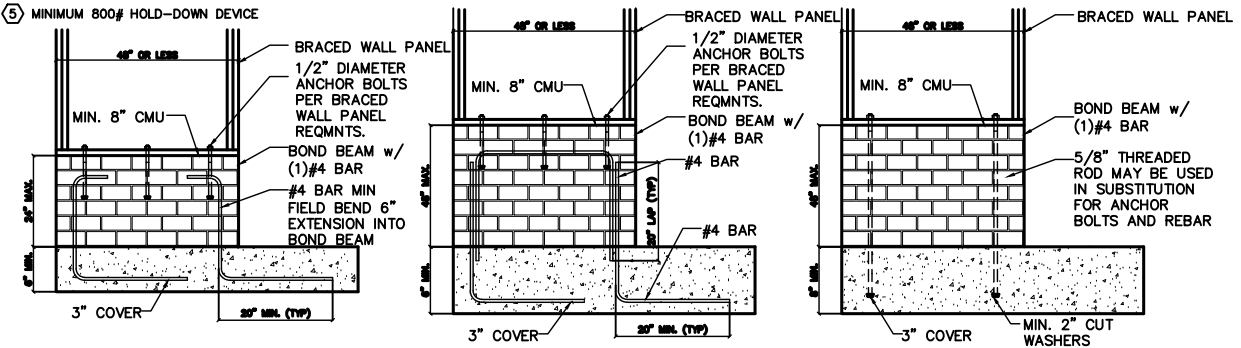


OVER RAISED WOOD FLOOR - FRAMING ANCHOR OPTION



OVER RAISED WOOD FLOOR - OVERLAP OPTION

B2: METHOD CS-PF: CONTINUOUSLY SHEATHED PORTAL FRAME
 FIGURE R602.10.1



B4: MASONRY STEM WALL SUPPORTING BRACED WALL PANELS

FIGURE R602.10.4.3 OF THE 2018 NCR
 NOTE: GROUT BOND BEAMS AND ALL CELLS WHICH CONTAIN REBAR, THREADED RODS AND ANCHOR BOLTS



Project Number: 1901-010093
 * 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.



REVISIONS:

335 ATHLETIC CLUB BLVD
 CLAYTON, NC 27527
 domie@adamsandhodge.com
 919-763-7278
 FIRM # C-4187

ADAMS & HODGE
 ENGINEERING, P.C.

A&H

Bracing Details

Nicklaus

FILE

DESIGN ADS
 DRAWN ADS
 CHECKED

DATE 03/12/2019
 SHEET SD1