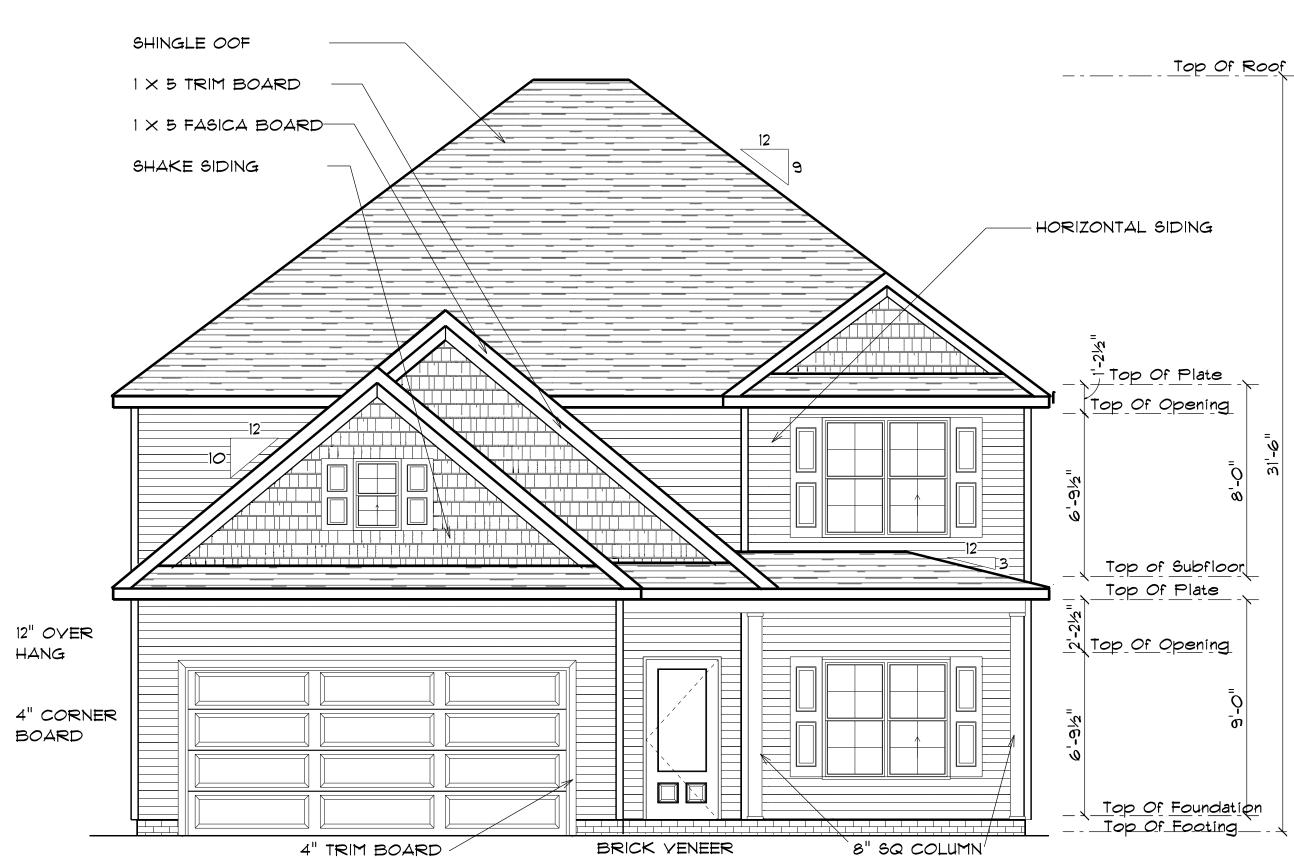
ROOF VENTILATION TO BE D ALL EGRESS OR RESCUE WIN NET CLEAR OPENING OF 4.0 DIMENSION SHALL BE 22". T EACH EGRESS WINDOW FROM NO MORE THAN 44" FROM T ARE TO BE VERIFIED WITH M TO STATE AND LOCAL CODE PORCHES, BALCONIES, OR F ABOVE THE FLOOR OR GRA 32" IN HEIGHT. I ASSUME NO RESPONSIBILIT CONSTRUCTION. CONTRACTOR/BUILDER SHA AND EXTERIOR MOLDINGS, MANUFACTORS BEFORE COM ALL BEAMS AND FRAMING T I.1 This plan has been the 2018 NC Buildin I.2 Minimum Design 2 Roof Dead Load 3 Roof Live Load 4 Typical Floor Des 5 Floor Live Load 5.1 Rooms other 5.2 Sleeping R 5.3 Stairs 40 5.4 Decks 4 5.5 Exterior Bas 6 Wind Loads 6.1 Ultimate Des 6.2 Wind Import 6.3 Exposure 5 6.4 Walls (Comp 6.5 Roofs (Con 6.5.1 Roof	FOR	DIAGE	EVATION RAMMAT E EXISTI	IC PU	RPC
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ELEVATION NOTES:

CRH HOMES RETAINS TITLE AND OWNERSHIP OF ALL PLANS. THESE PLANS CAN NOT BE COPIED OR REPRODUCED. THESE PLANS CAN NOT BE BUILT BY ANYONE BUILDER OTHER THAN CRH HOMES

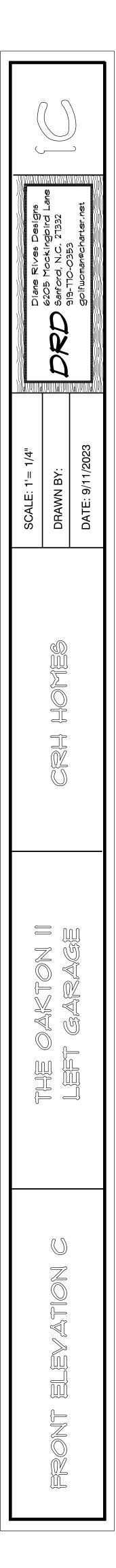


GRADE ELEVATIONS SHOWN DO NOT NECESSARILY REFER TO THIS OR ANY OTHER LOT. THEY ARE OSES ONLY AND MAY VARY, BUILDER IS RESPONSIBLE FOR ADAPTING THIS PLAN OGRAPHY OF THE SITE, DETERMINED BY BUILDER AS PER CODE. UINDOWS FROM SLEEPING ROOMS MUST HAVE A MIN. 20 SQ FT. THE MIN NET CLEAR OPENING HEIGHT THE MIN NET CLEAR OPENING WIDTH SHALL BE 20". OM SLEEPING ROOMS MUST HAVE A SILL HGHT OF THE FLOOR, ALL WINDOW SIZES ARE NOMINAL AND MANUFACTURER FOR AVAILABILITY AND CONFORMITY DE REQUIREMENTS, RAISED FLOOR SURFACES LOCATED MORE THAN 30" RADE BELOW SHALL HAVE GUARDRAILS NOT LESS THAN ITY FOR ANY DISTANCES AFTER START OF IALL CONSULT WITH HOME OWNER ON ALL INTERIOR 9, TRIMS, COLORS, FINISHES, CABINET LAYOUTS, AND ONSTRUCTION BEGINS. MEMBERS ARE SIZED BY OTHERS. en drawn to comply with ing Code n Loads for Building and Other Structures ASCE 7-9B d 15 PSF 20 PSF ead Load 10 PSF er than sleeping rooms 40 PSF Rooms 30 PSF PSF 40 PSF Balconies 60 PSF esign Wind Speeds 15 MPH tance Factor, IW 1.00 В ponent and Cladding) 25 PSF omponent and Cladding) Slopes 2.25/12 to 7/12 34.8 PSF f Slopes 7/12 to 12/12 21 PSF of the Contractor and/or Builder to ovisions, requirements, methods of construction and uses of materials provided in buildings and/or structures as required by NC Uniform Building Code, Local Agencies and in accordance with good engineering practices. Verify all dimensions prior to construction.



FRONT ELEVATION SCALE: 1'= 1/4"





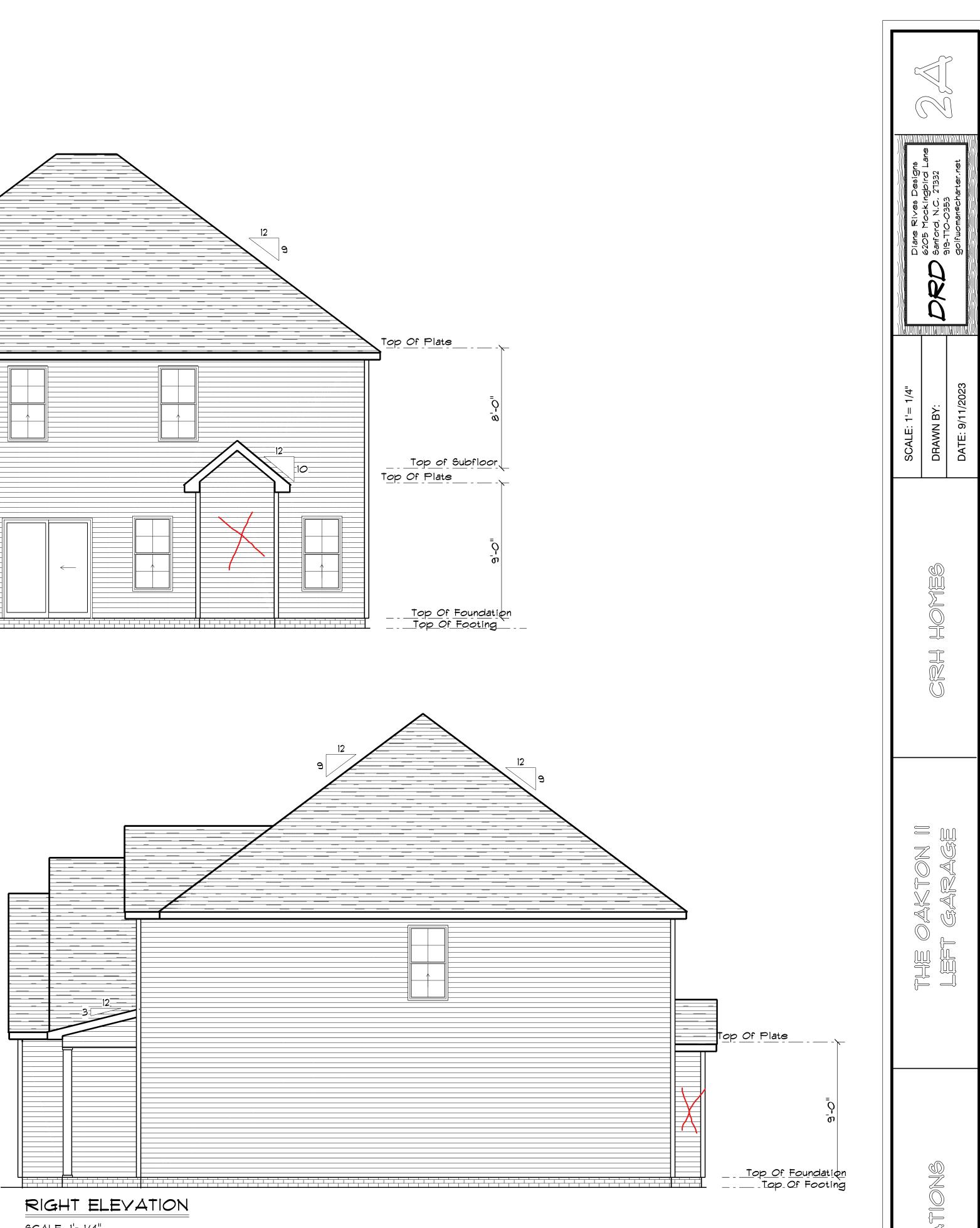
LEFT ELEVATION SCALE: 1'= 1/4"



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SCALE: 1'= 1/4"

FOUNDATION NOTES:

ALL FOOTINGS SHALL BEAR ON ORIGINAL UNDISTURBED SOIL, THE 28 DAY COMPRESSIVE STRENGTH OF ALL FOOTINGS IS 3000 PSI

PROVIDE WATER PROOFING AND PERIMETER DRAING AS REQUIRED.

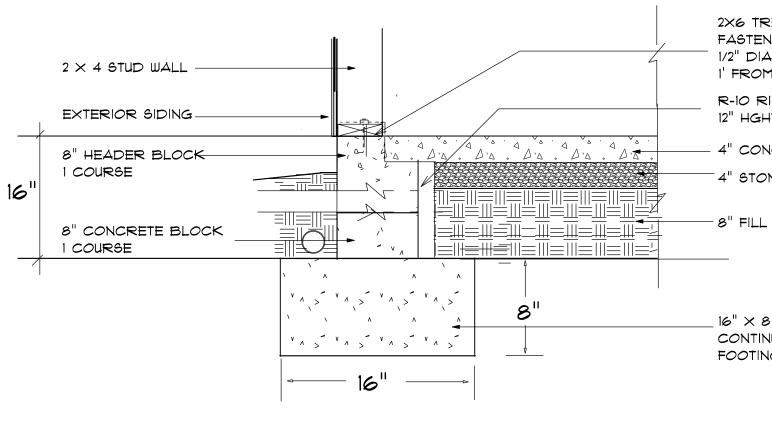
FOUNDATION CONCRETE MIX TO HAVE 1-1/2" MAX AGGREGATE SIZE, CONCRETE FILL MIX TO HAVE 1/2" MAX AGGREGATE SIZE.

FOOTING WIDTHS ARE BASED ON A LOAD-BEARING SOIL CAPACITY OF 2000 PSI.

PROVIDE 6 MIL POLY VAPOR BARRIER TO COVER GROUND SURFACE IN CRAWL SPACE

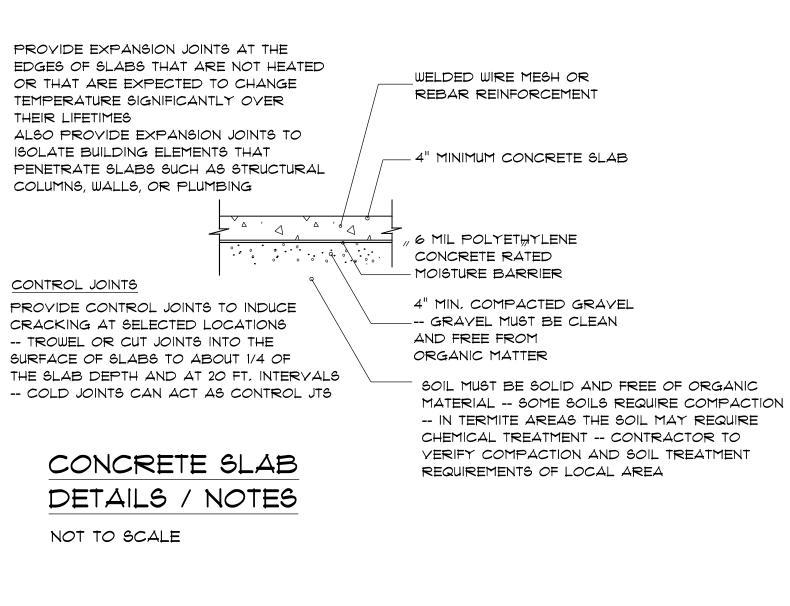
ALL ANCHOR BOLTS TO BE 12" LONG, 1/2" DIA. A36 UNO ANCHOR BOLTS SHALL BE SPACE AT A MAX OF 6' OC AND NO MORE THAN I' FROM EA CORNER.

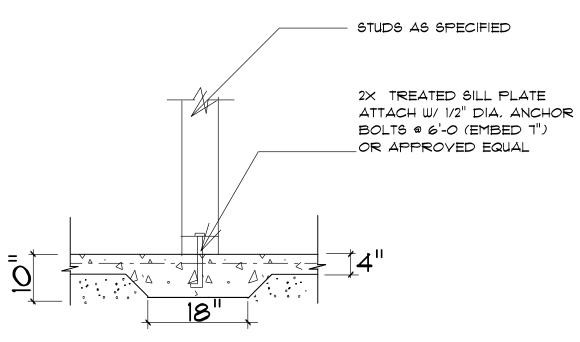
Termite Soil Treatment: Treat entire slab area soil or crawl space surface before vapor barrier is installed and slab is poured with a state approved termiticide. Termiticide should be applied by a licensed and certified pest control professional by the state of North Carolina.



STEM WALL FOUNDATION Detail

NOT TO SCALE





TYPICAL THICKENED SLAB NOT TO SCALE

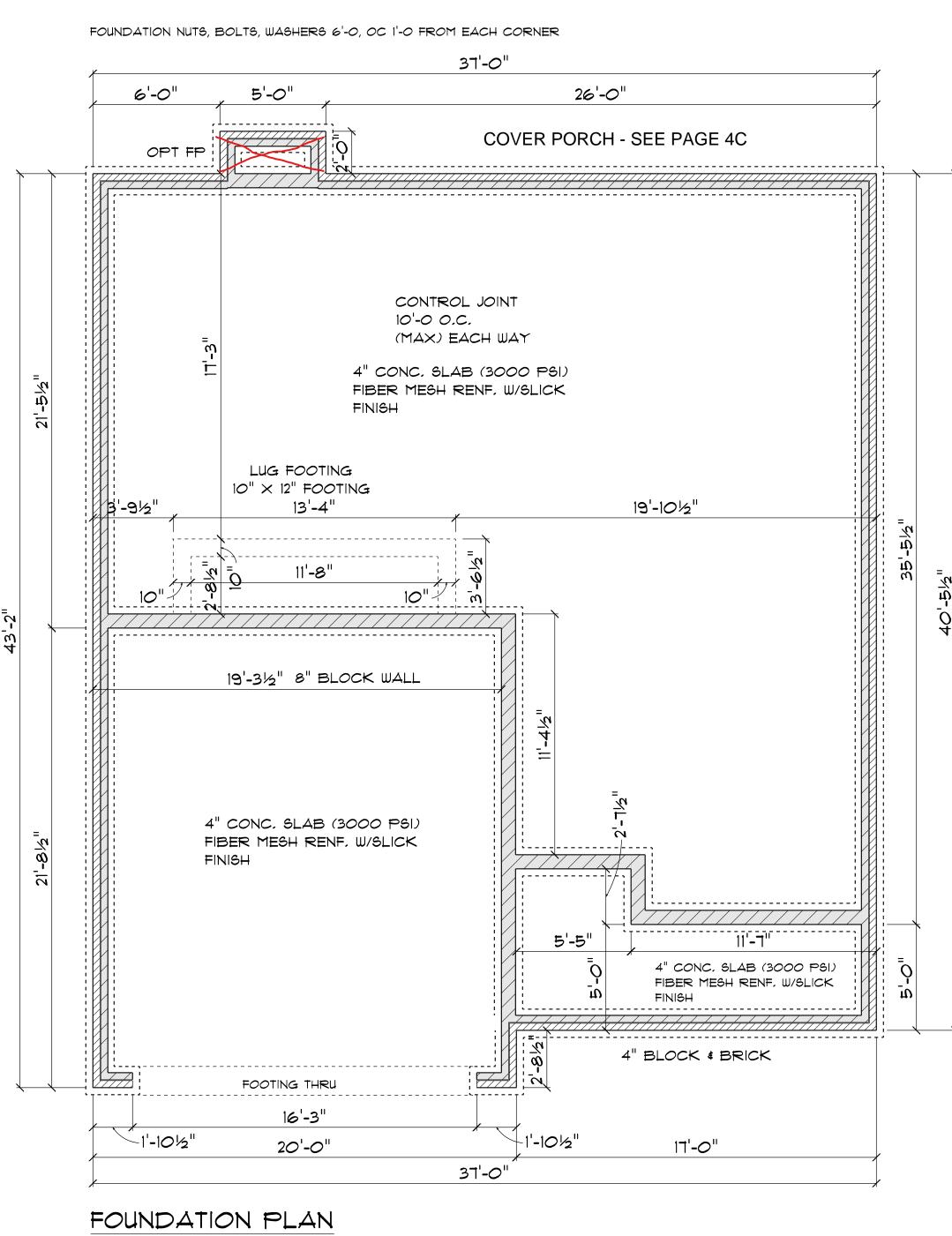
2×6 TREATED SILL PLATE ON SILL GASKET FASTENED TO FOUNDATION WALL W/ 1/2" DIAMETER ANCHOR BOLTS AT 72" o.c. I' FROM EA CORNER AS PER CODE R-10 RIGID INSULATION

12" HGHT 4" CONCRETE SLAB

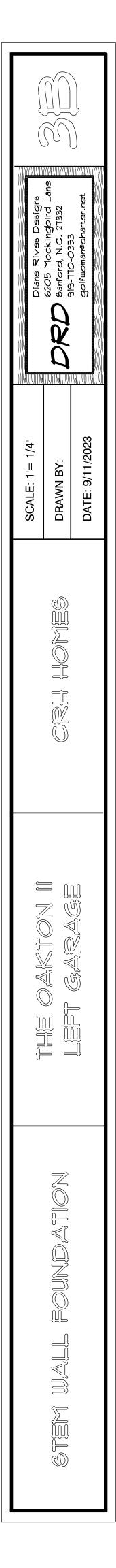
4" STONE FILL

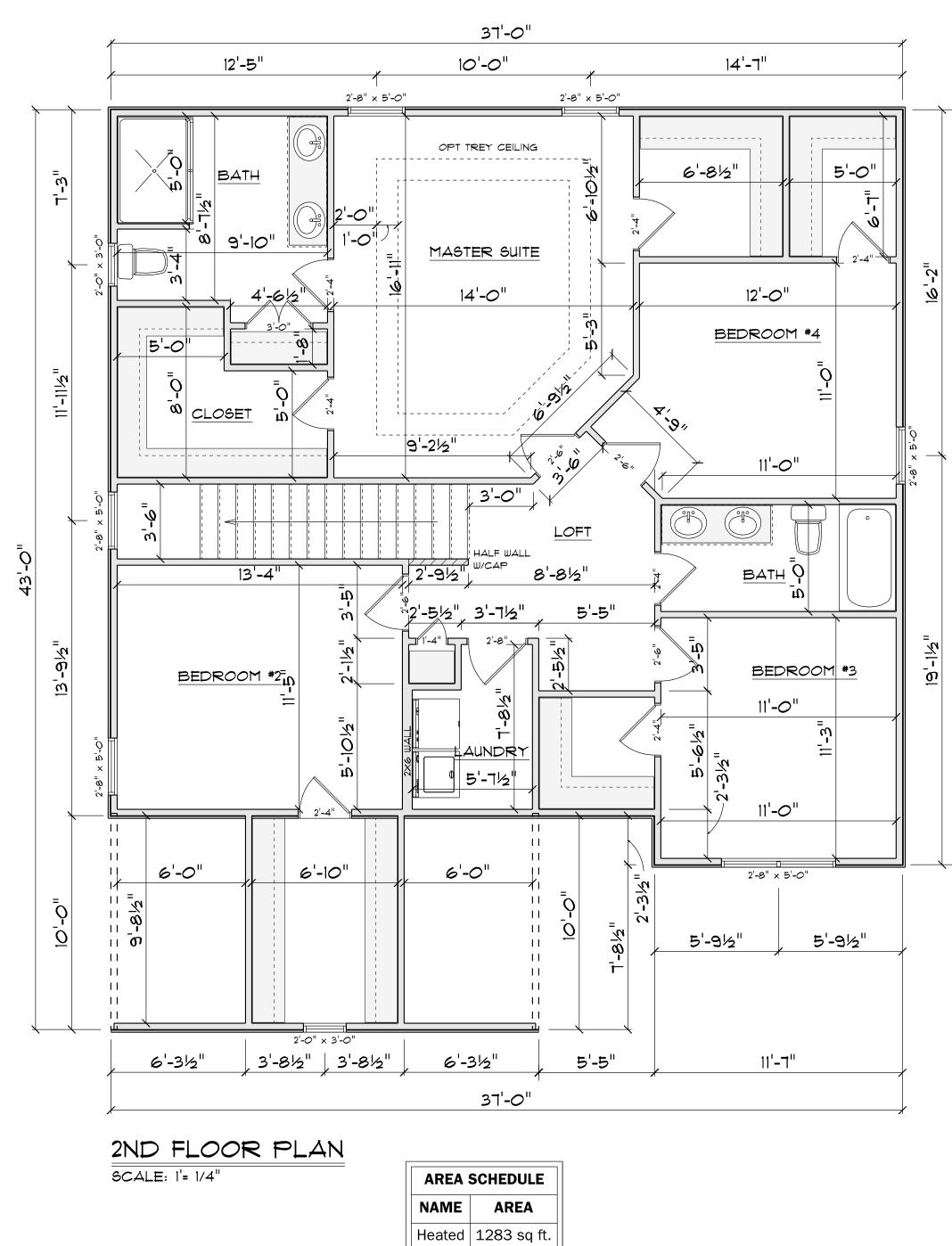
_16" X 8" CONTINUOUS FOOTING

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SCALE: 1'= 1/4"



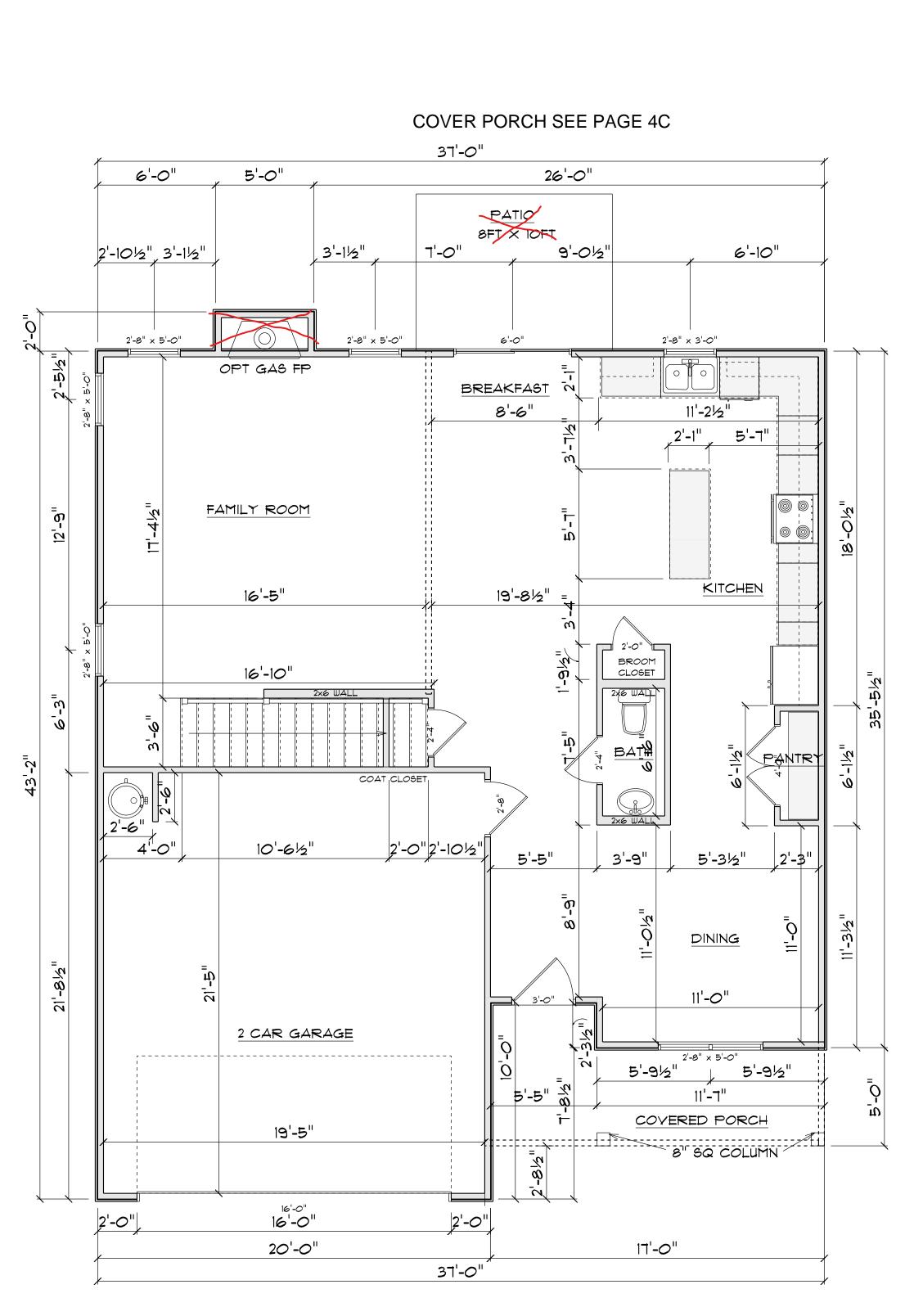


GENERAL FRAMING NOTES:	
ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED	
FRAMING LUMBER SHALL BE SYP *2 GRADE AND/OR SPRUCE PINE FIR *1 AND/OR *2, KILN DRIED.	
WHERE PRE-ENGINEERED JOISTS ARE USED, JOIST MANUFACTURER SH PROVIDE SHOP DRAWINGS, WHICH BEAR SEAL OF A N.C. ENGINEER.	
STUDS AND JOISTS SHALL NOT BE CUT TO INSTALL PLUMBING OR WIR ADDING METAL OR WOOD SIDE PANELS TO STRENGTHEN THE MEMBE ORIGINAL CAPACITY.	
NAIL MULTIPLE MEMBERS WITH 2 ROWS OF 16d NAILS STAGGERED 32" 3-16d NAILS 2" IN AT EACH END, DOUBLE ALL STUDS UNDER ROOF F	
NAIL FLOOR JOISTS TO SILL PLATE WITH 80 TOE NAILS.	
ALL EXPOSED FRAMING ON PORCHES AND DECKS SHALL BE PRESS	SURE TREATED.
PROVIDE WATERPROOFING AND DRAINS AS REQUIRED.	
ALL FRAMING TO BE 16" OC UNO. WALL FRAMING DIMENSIONS ARE I STUDS UNO. DOUBLE STUDS UNDER ALL HEADERS.	BASED ON 2×4
LVL'S AND TJI'S TO BE SIZED BY OTHERS	

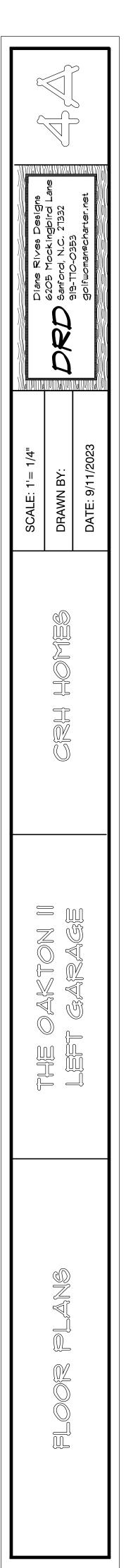
EXTERIOR WALLS IN LIVING AREAS ARE 2 × 4

WINDOW SCHEDULE				
SIZE	COUNT	LIBRARY NAME	R.O. WIDTH	R.O. HEIGHT
2'-0" x 3'-0"	2	Window\Single Hung	24"	36"
2'-8" x 3'-0"	1	Window\Single Hung	32"	36"
2'-8" x 5'-0"	9	Window\Single Hung	32"	60-1/2"
2'-8" x 5'-0"	2	Window\Single Hung	64"	60-1/2"

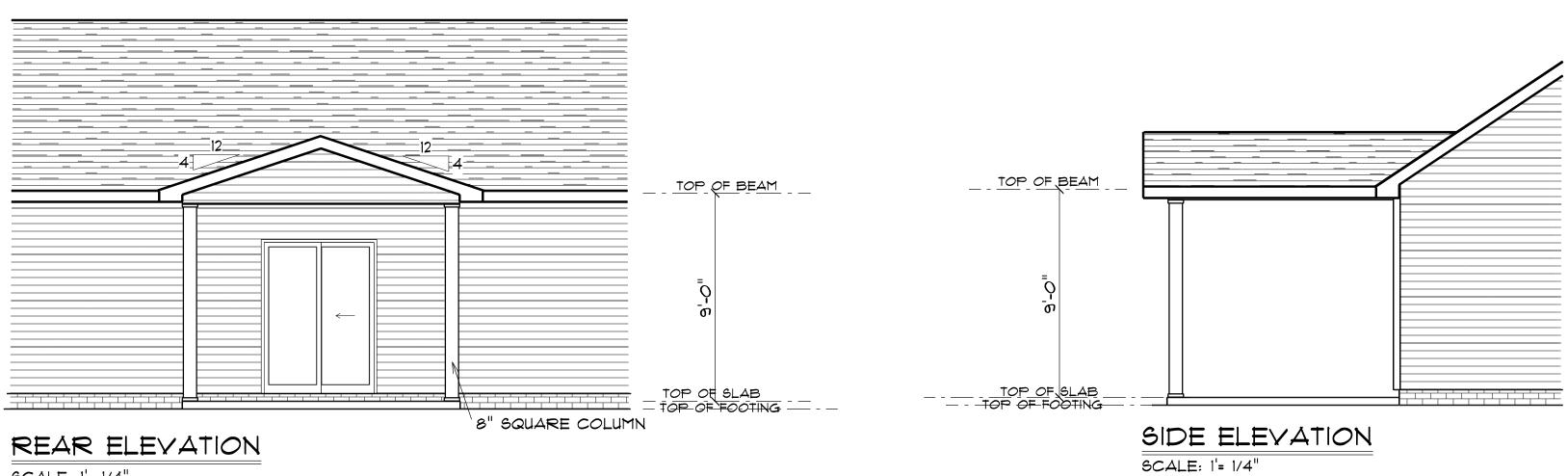
CRH HOMES RETAINS TITLE AND OWNERSHIP OF ALL PLANS. THESE PLANS CAN NOT BE COPIED OR REPRODUCED. THESE PLANS CAN NOT BE BUILT BY ANYONE BUILDER OTHER THAN CRH HOMES



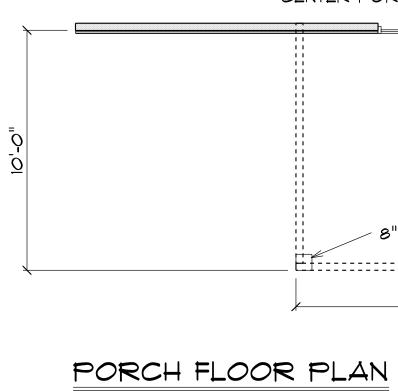
IST FLOOR PLAN SCALE: 1'= 1/4"



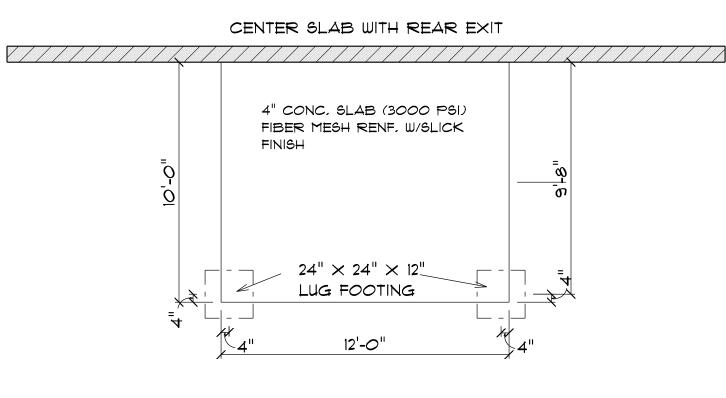
AREA SCHEDULE NAME AREA Heated 1023 sq ft. Garage 440 sq ft. Covered Front Porch 91 sq ft.



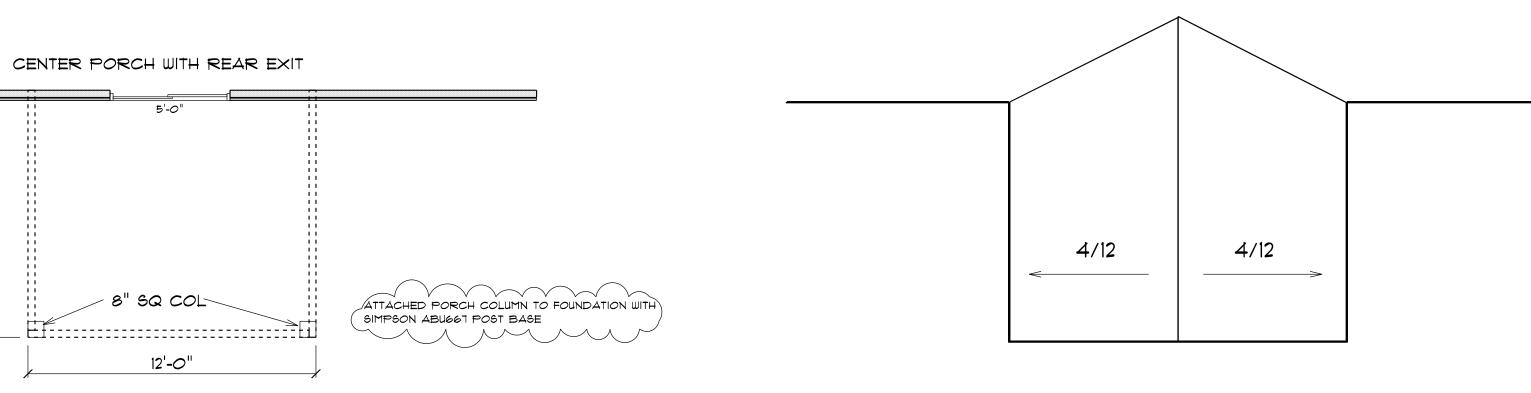
SCALE: 1'= 1/4"

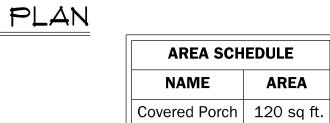


SCALE: 1'= 1/4"



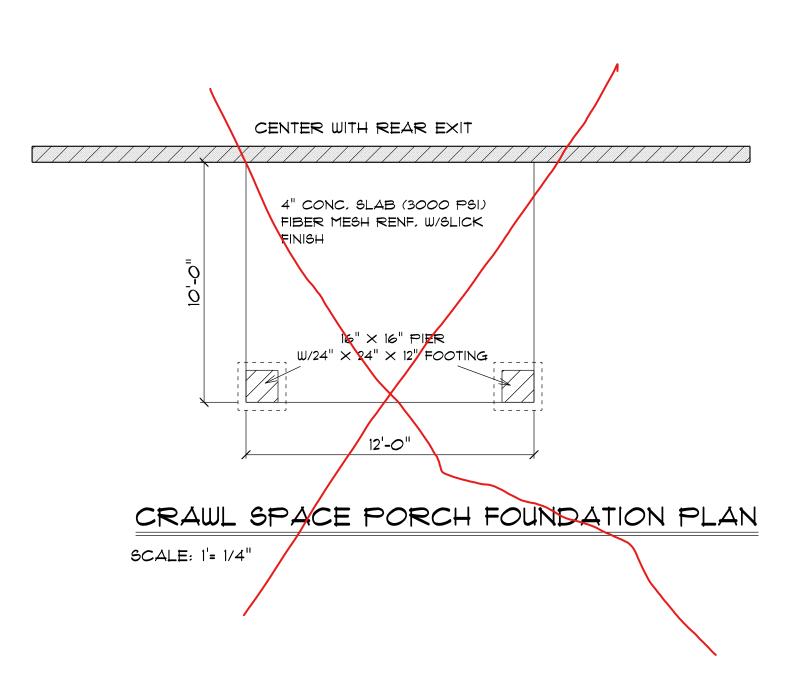
SCALE: 1'= 1/4"





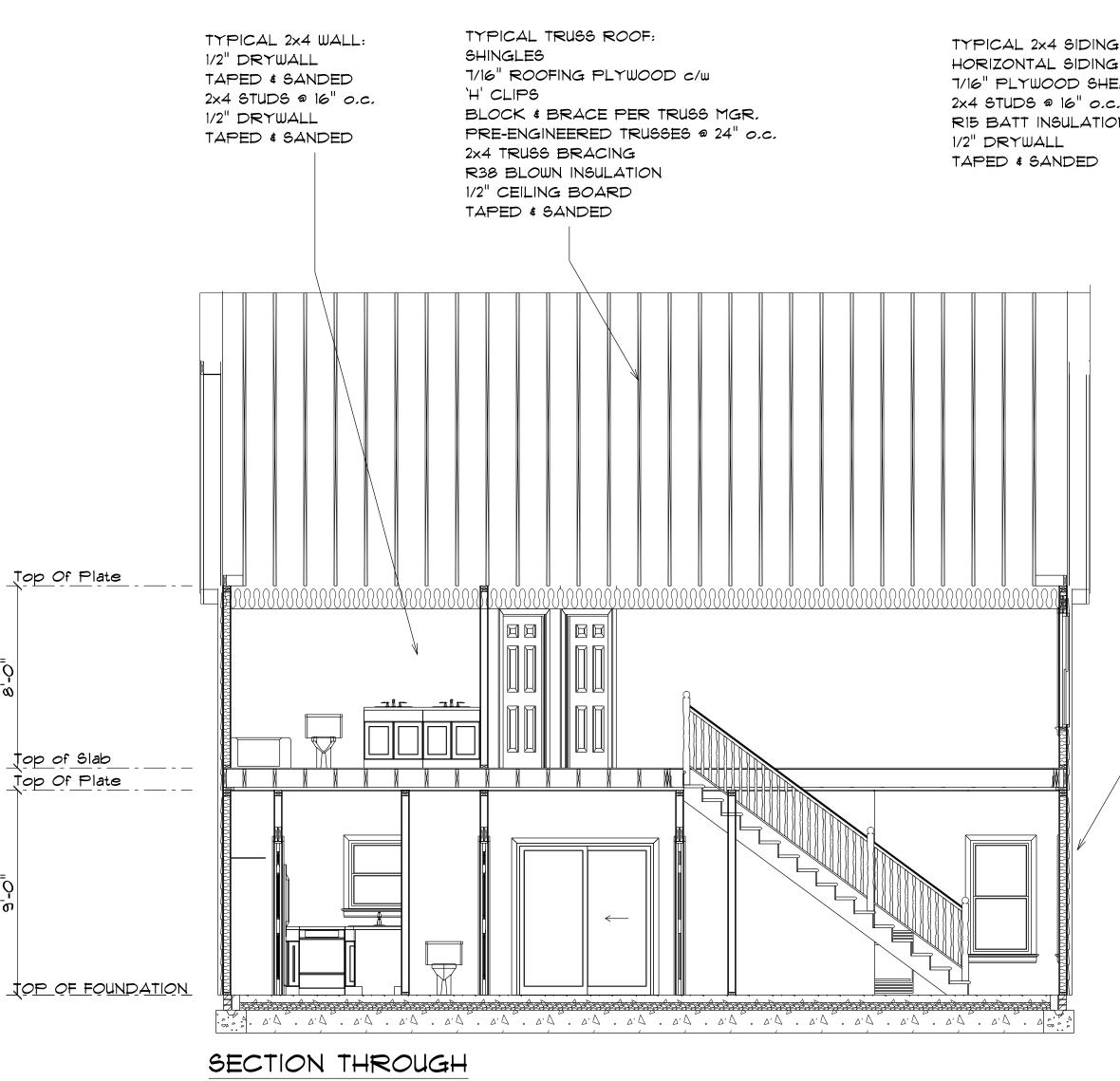


SLAB PORCH FOUNDATION PLAN

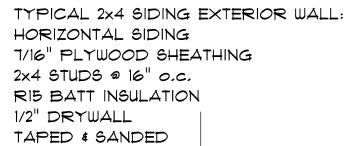


12" OVER HANG

00 1/4" В SCALE: DRA DA HOMES <u>I</u>NL PTIONAL



SCALE: 1'= 1/4"



ROOF NOTES:

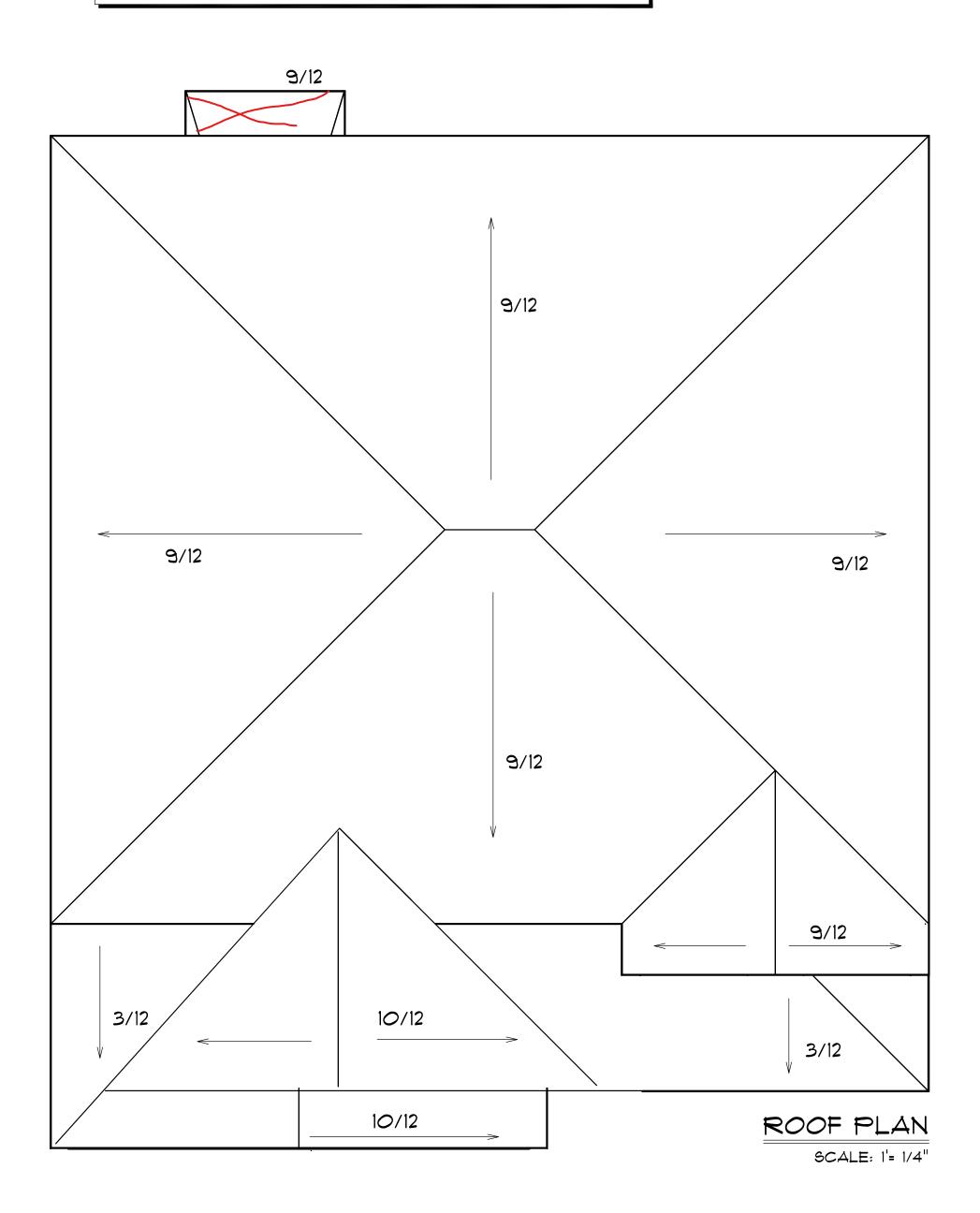
TRUSSES, BRACINGS, BRIDGING AND CONNECTORS ARE TO BE DESIGNED BY THE TRUSS MANUFACTURER.

IDENTIFY LUMBER BY OFFICIAL GRADE MARKINGS.

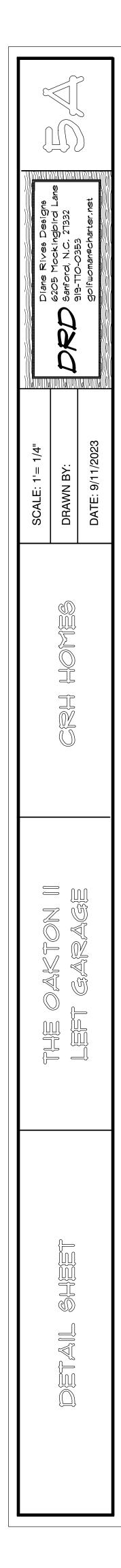
DO NOT CUT OR REMOVE CHORDS OR OTHER TRUSS MEMBERS. DO NOT NOTCH OR DRILL TRUSS MEMBERS.

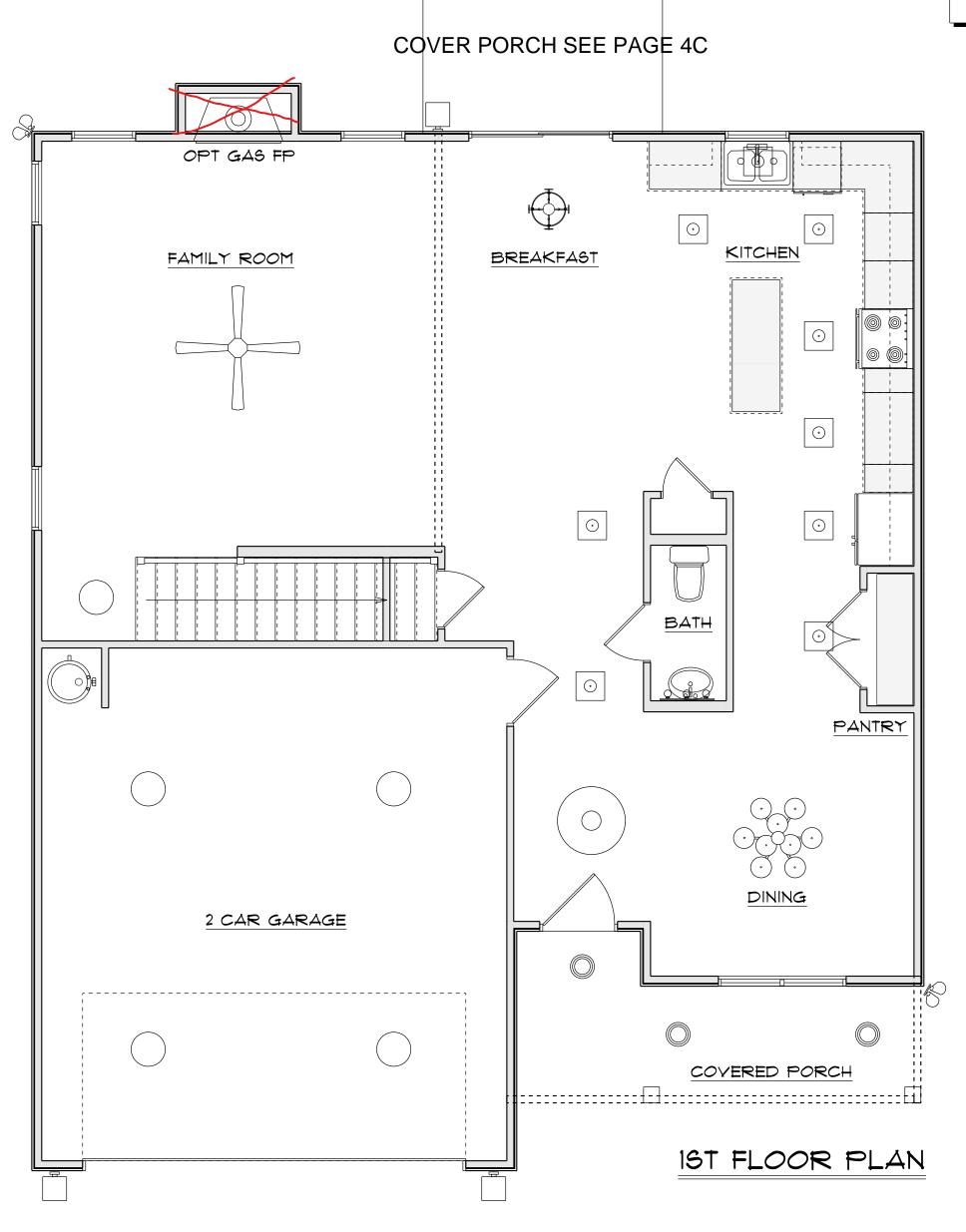
WHERE PRE-ENGINEERED ROOF TRUSSES ARE USED, TRUSS MANUFACTURER SHALL PROVIDE SHOP DRAWINGS, WHICH BEAR SEAL OF A N. C. REGISTERED ENGINEER.

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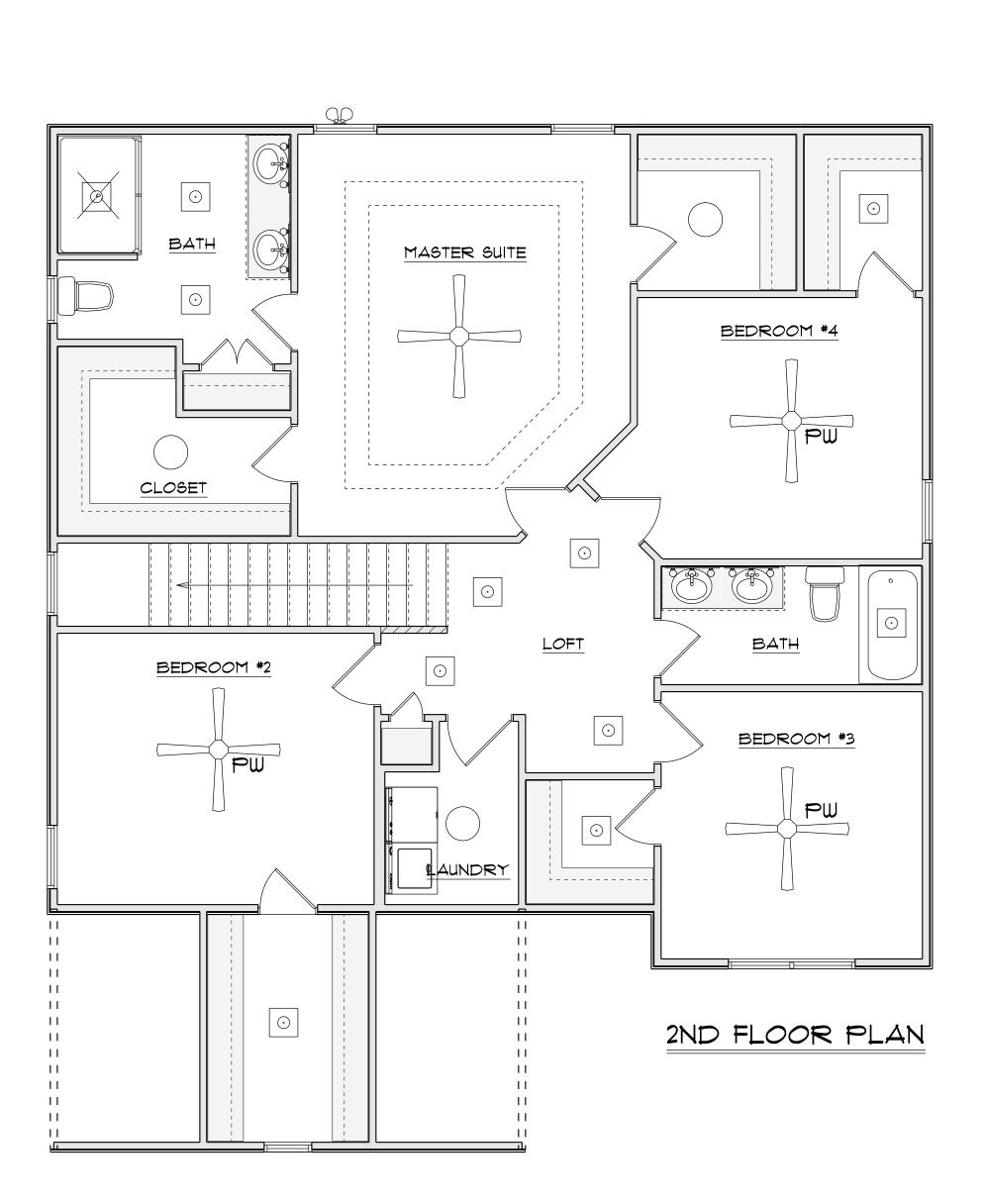


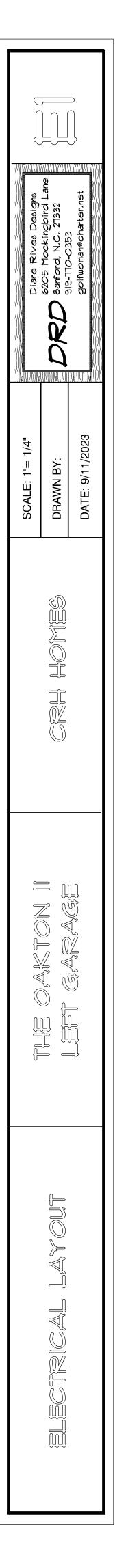


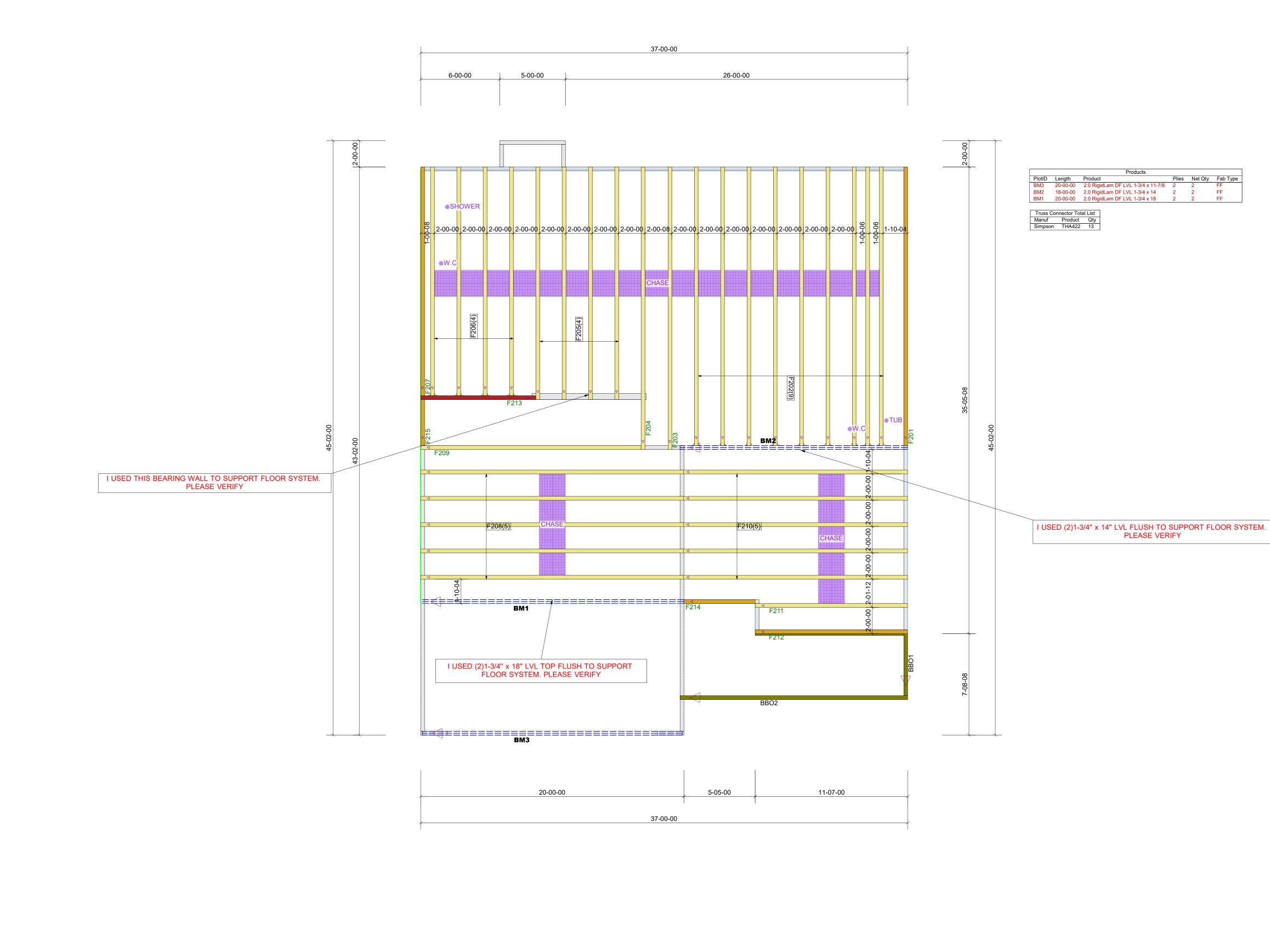
PATO

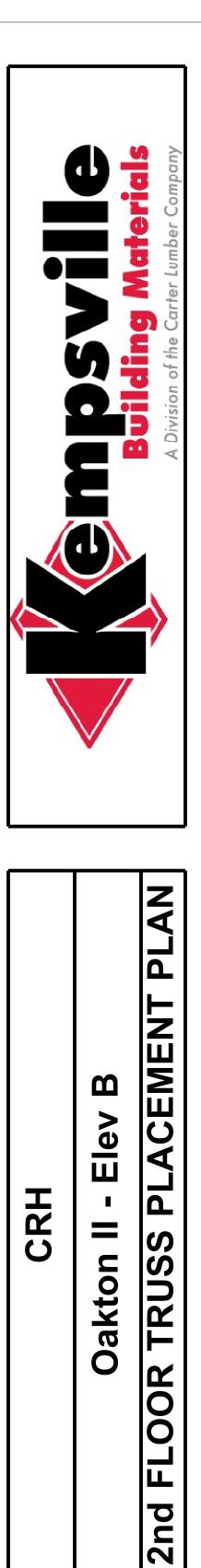
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ELECTRICAL LEGEND			
ELECTRICAL	COUNT	SYMBOL	
ceiling fan	2		
10" led	8		
7" led	21	\odot	
foyer light	1		
dinning room light	1		
coach light	3		
exterior over head	3	Ô	
flood light	3	QD	
vanity bar light	5	<u> </u>	
wall sconce		\odot	
nook light	1	₩.	

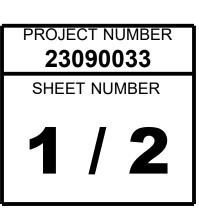






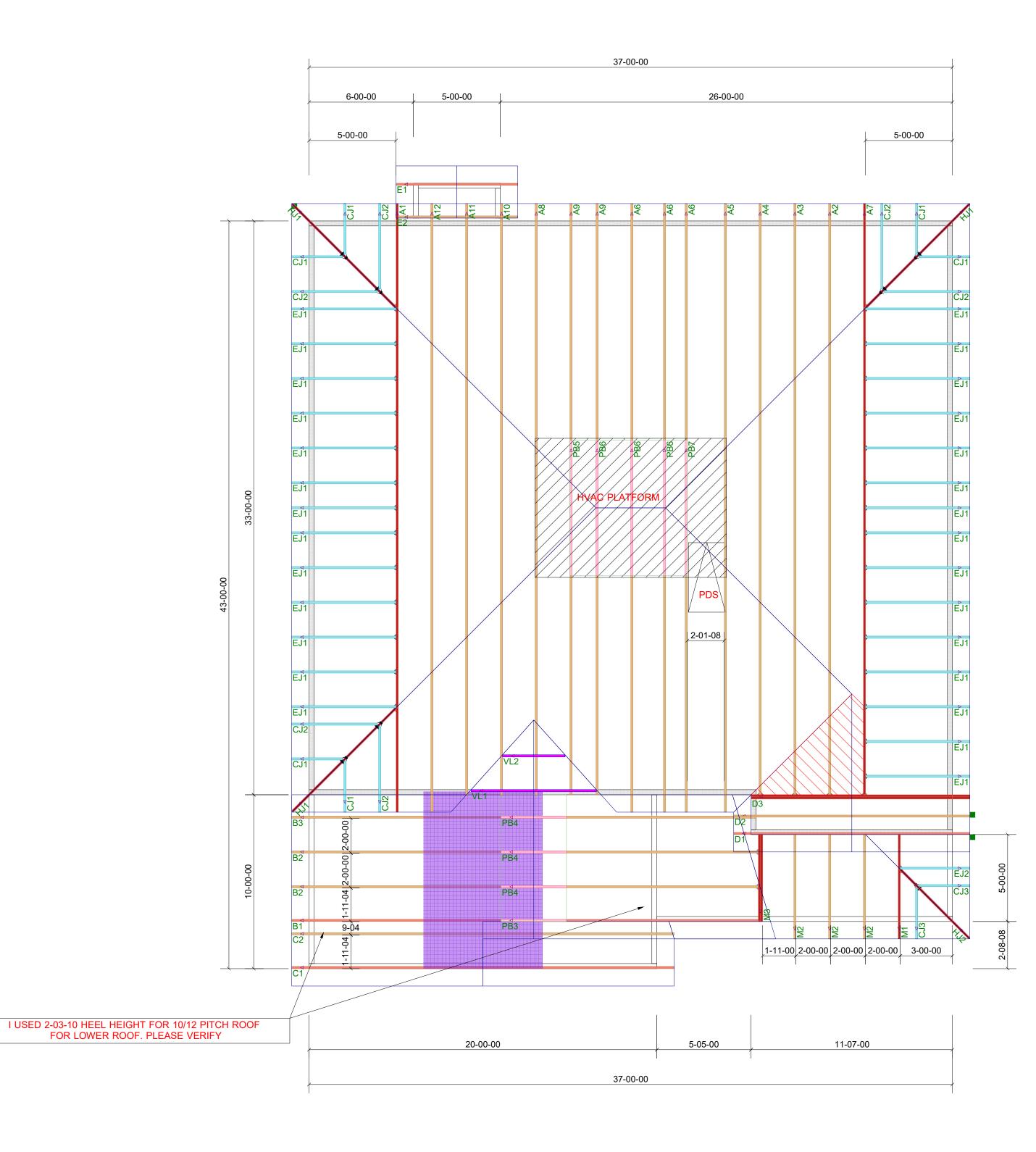


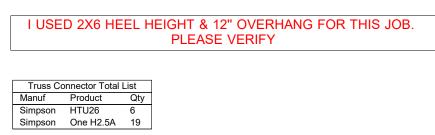
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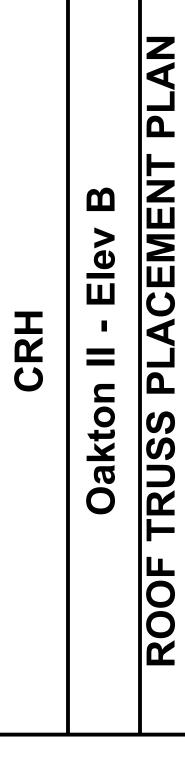
FLOOR TRUSS FRAMING

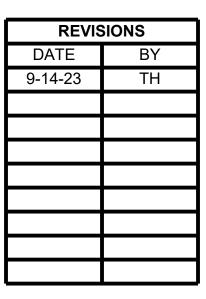
DRAWING SCALE : NTS







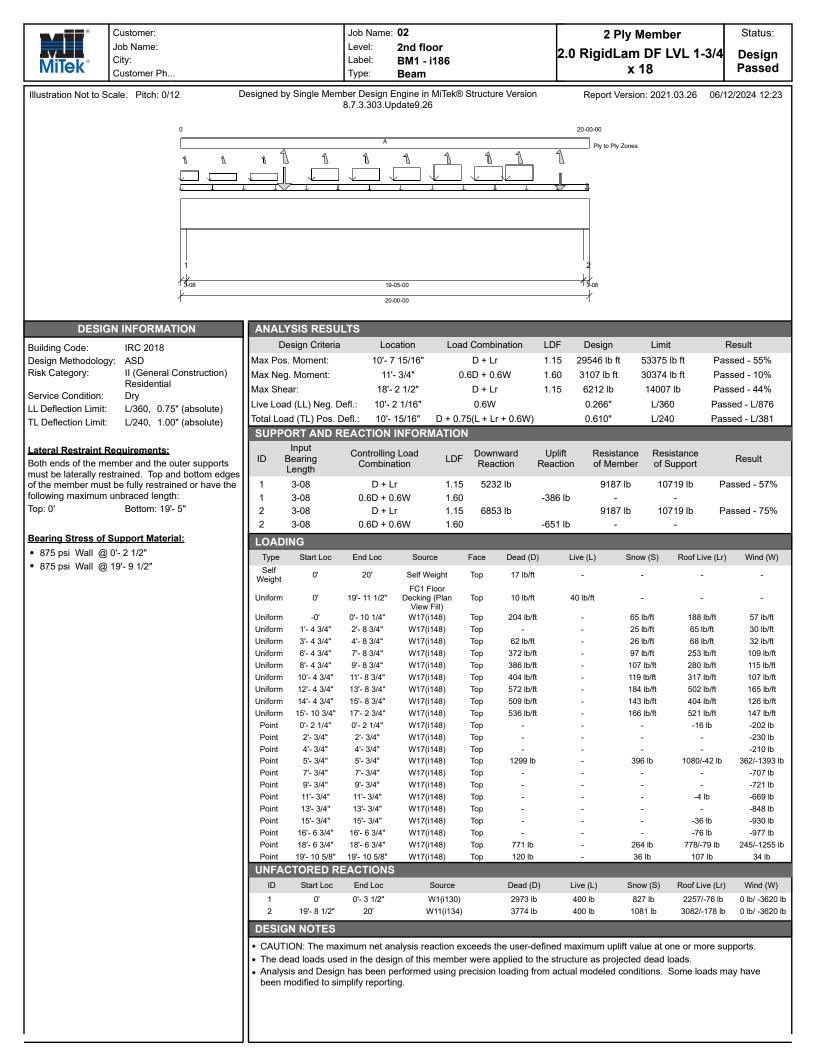






ROOF TRUSS FRAMING

DRAWING SCALE : NTS





DESIGN NOTES

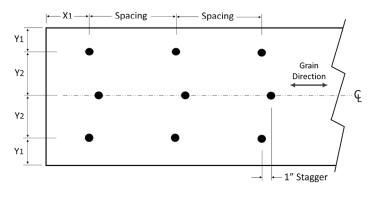
- Tributary Loads have been generated based on actual spacing between members in the model which may differ from the default system spacing. The actual loads applied to the member are shown in the Specified Loads table.
- Transfer reactions may differ from design results as allowed per building codes and standard load distribution practices.
- This report is based on modeled conditions input by the user. Source information for the loads and supports are provided for reference only. Verify that all loads and support conditions are correct.
- Review all loads and reactions to ensure that the member/bearing/connector/structure can resist adequately. Unless already
 specified on this report, anchorage for uplift reactions to be specified by others. Installation of member and accessories (if
 required) as per manufacturer's instruction.
- Beam Stability Factor used in the calculation for Allowable Max Pos Moment (CL) = 1.00

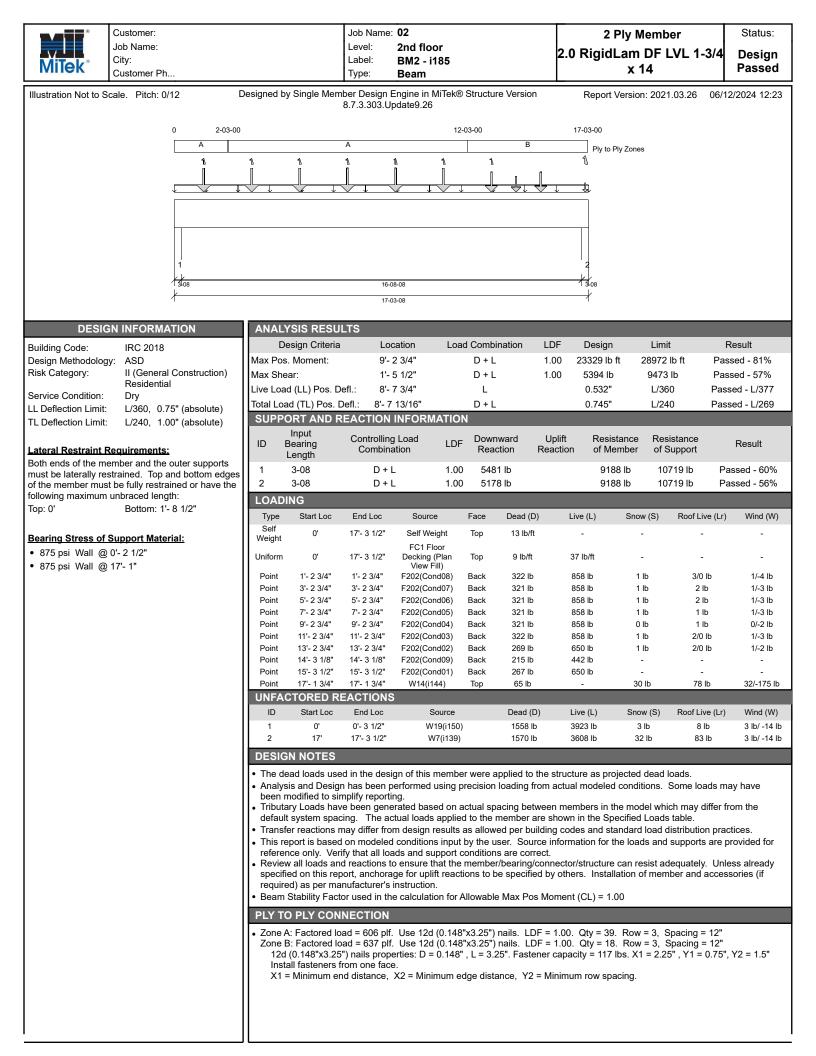
PLY TO PLY CONNECTION

Zone A: Factored load = 0 plf. Use 12d (0.148"x3.25") nails. LDF = 1.00. Qty = 63. Row = 3, Spacing = 12"
 12d (0.148"x3.25") nails properties: D = 0.148", L = 3.25". Fastener capacity = 117 lbs. X1 = 2.25", Y1 = 0.75", Y2 = 1.5" Install fasteners from one face.

X1 = Minimum end distance, X2 = Minimum edge distance, Y2 = Minimum row spacing.

FASTENER INSTALLATION - 3 ROWS (FROM ONE FACE)

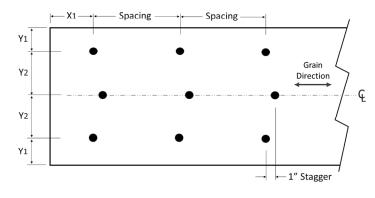


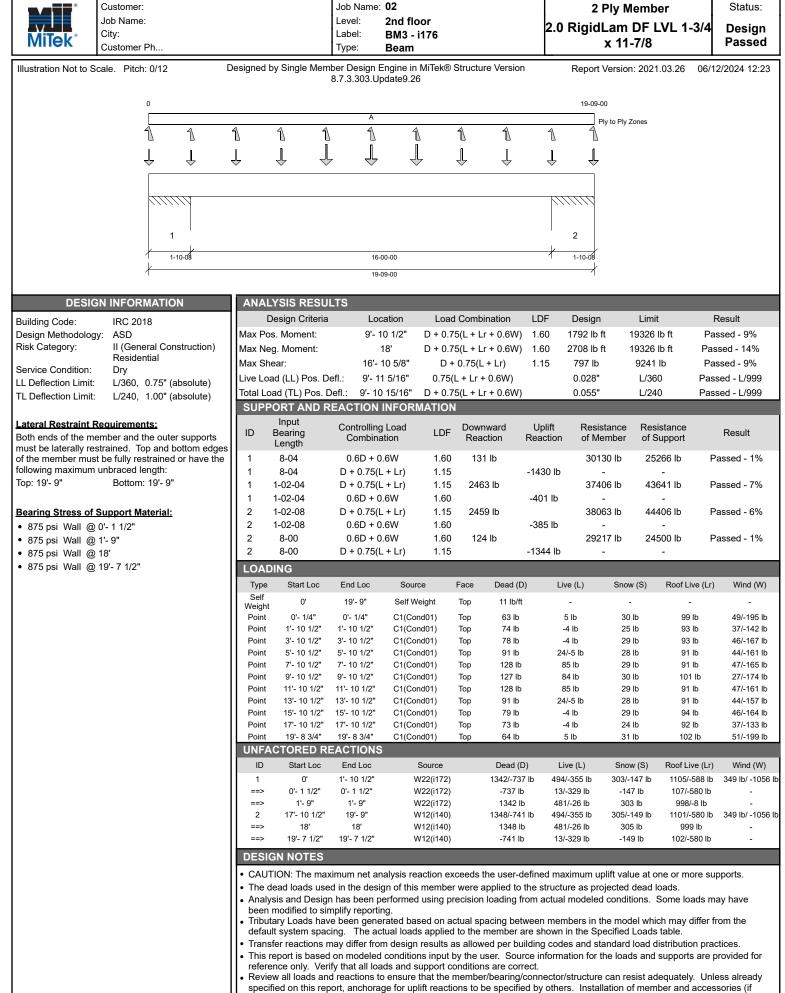


		Customer:	Job Name: 02		2 Ply Member	Status:
	MiTek ®	Job Name: City: Customer Ph	Level: Label: Type:	2nd floor BM2 - i185 Beam	2.0 RigidLam DF LVL 1-3/4 x 14	Design Passed

PLY TO PLY CONNECTION

FASTENER INSTALLATION - 3 ROWS (FROM ONE FACE)





required) as per manufacturer's instruction.



Customer: Job Name: City: Customer Ph...

• Beam Stability Factor used in the calculation for Allowable Max Pos Moment (CL) = 0.57

PLY TO PLY CONNECTION

 Zone A: Factored load = 0 plf. Use 12d (0.148"x3.25") nails. LDF = 1.00. Qty = 40. Row = 2, Spacing = 12" 12d (0.148"x3.25") nails properties: D = 0.148", L = 3.25". Fastener capacity = 117 lbs. X1 = 2.25", Y1 = 0.75", Y2 = 1.5" Install fasteners from one face.

X1 = Minimum end distance, X2 = Minimum edge distance, Y2 = Minimum row spacing. FASTENER INSTALLATION – 2 ROWS (FROM ONE FACE)

