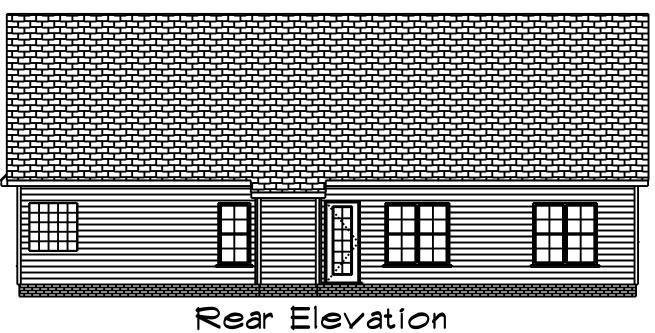
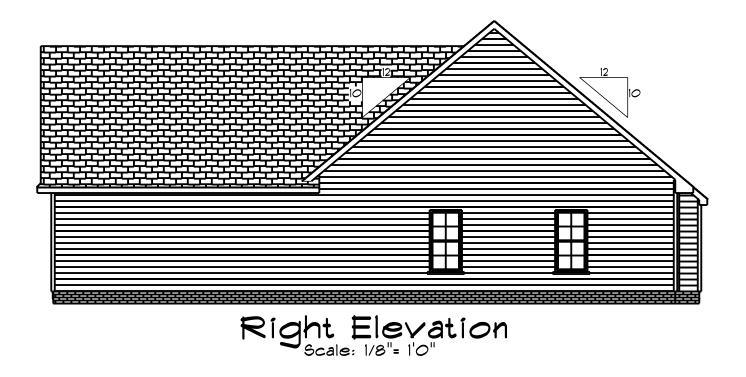


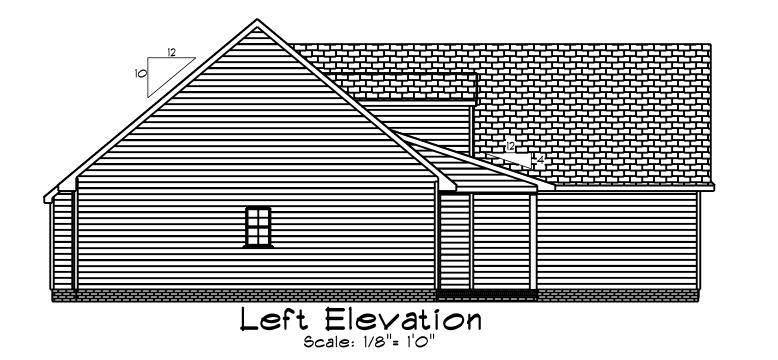
Front Elevation



Scale: 1/8"= 1'0"



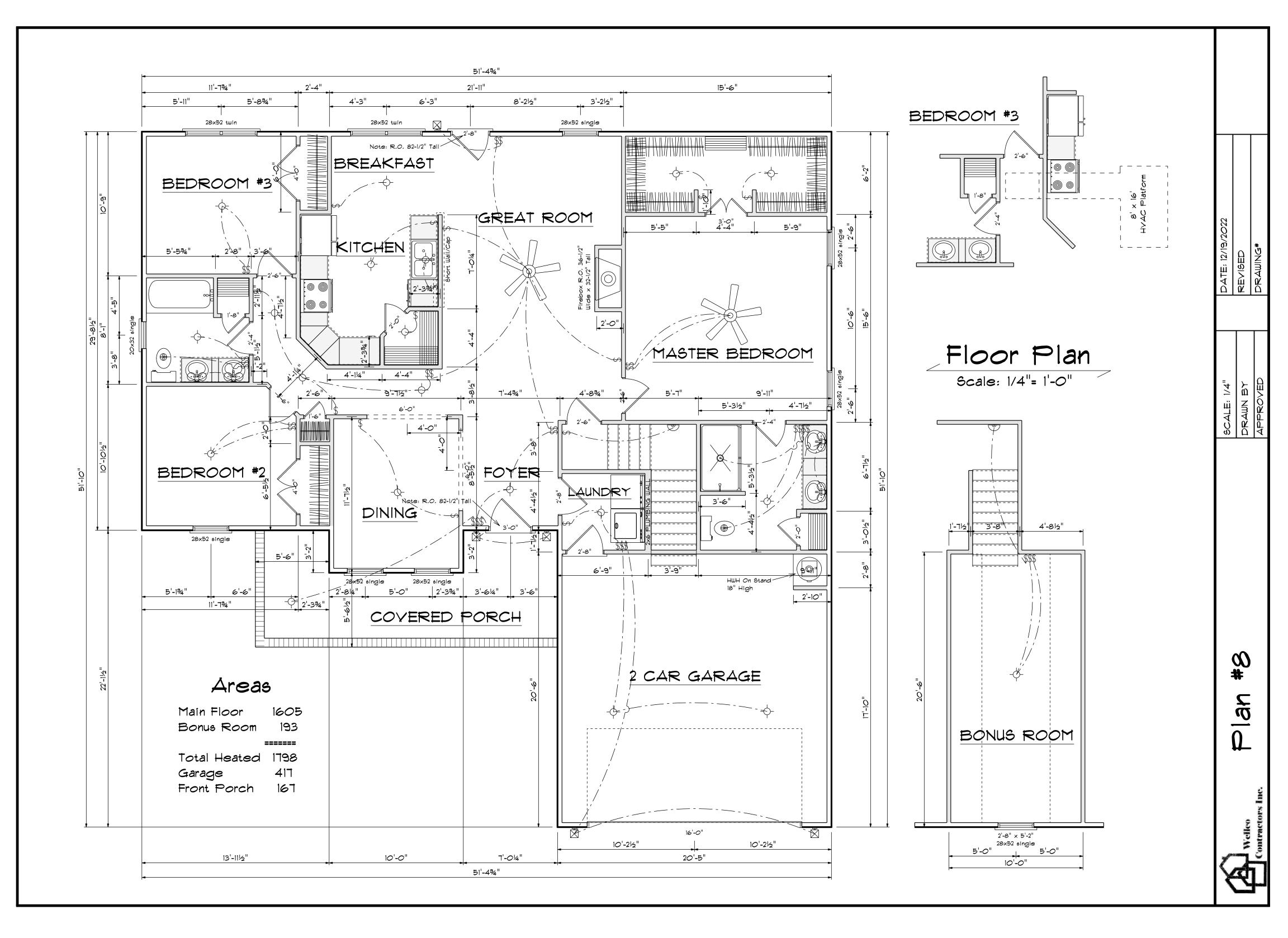


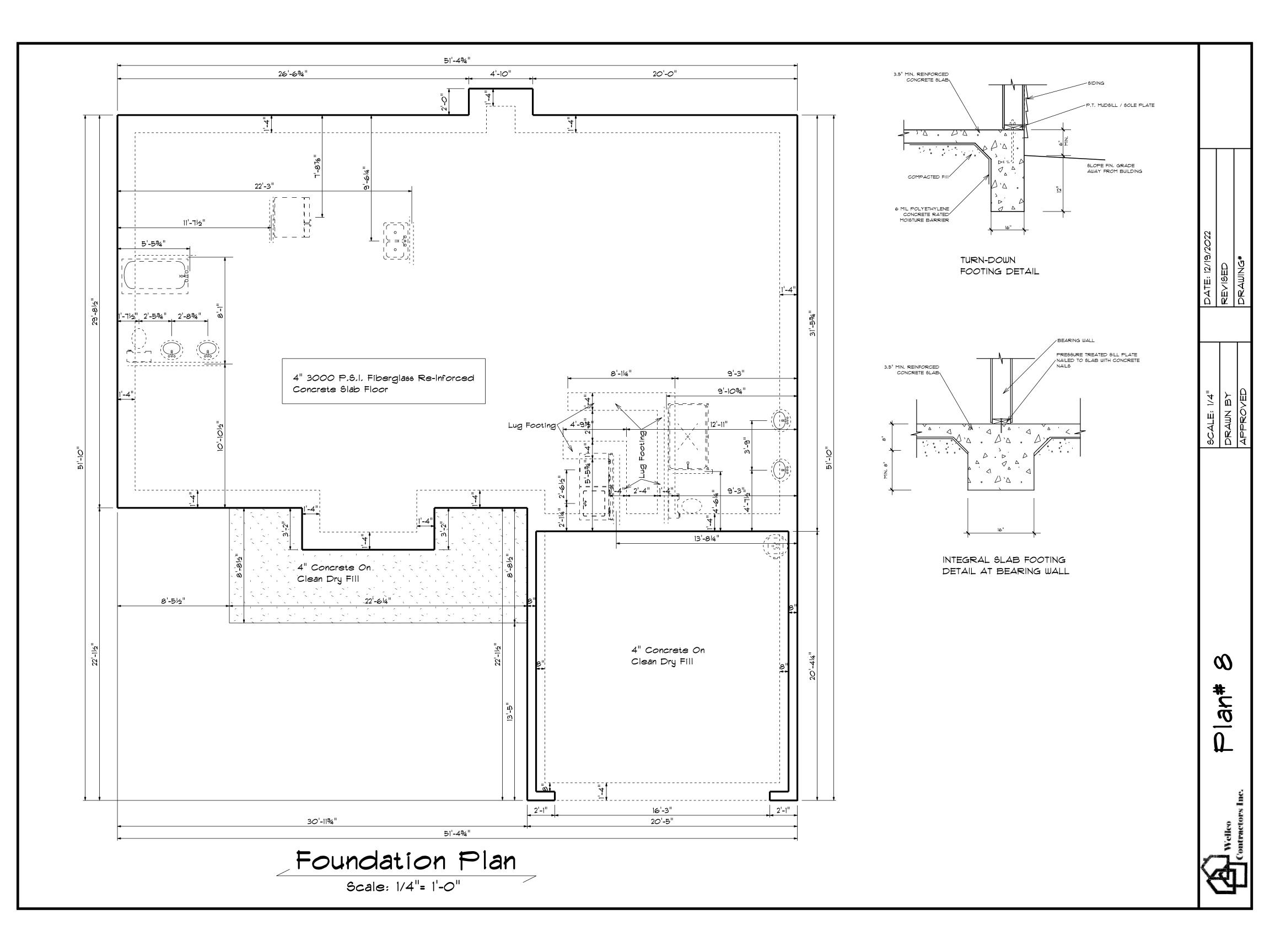


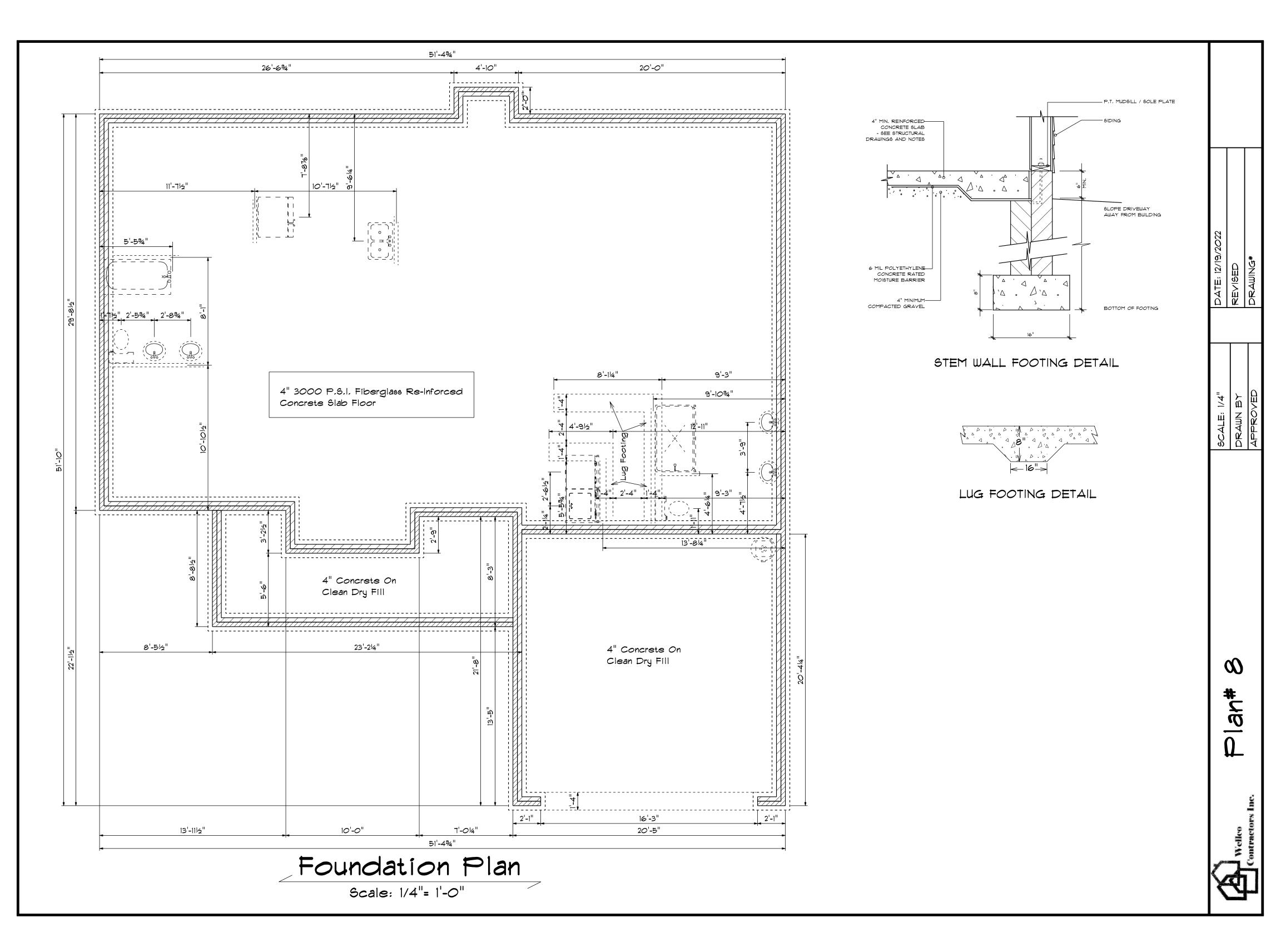
DATE: 12/19/2022	REVISED	DRAWING*
	DRAWN BY	APPROVED
		lnc.

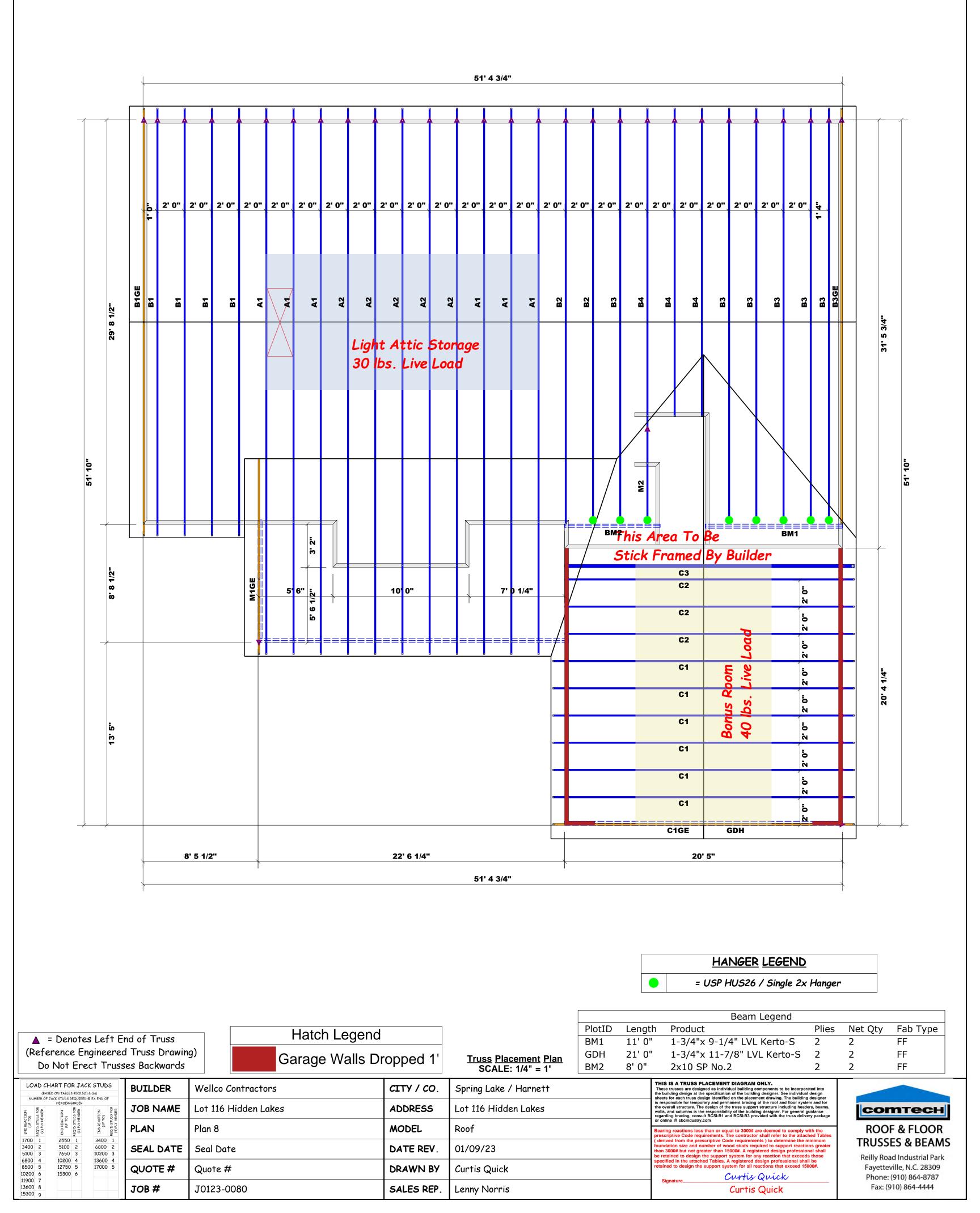
Welleo Contracto

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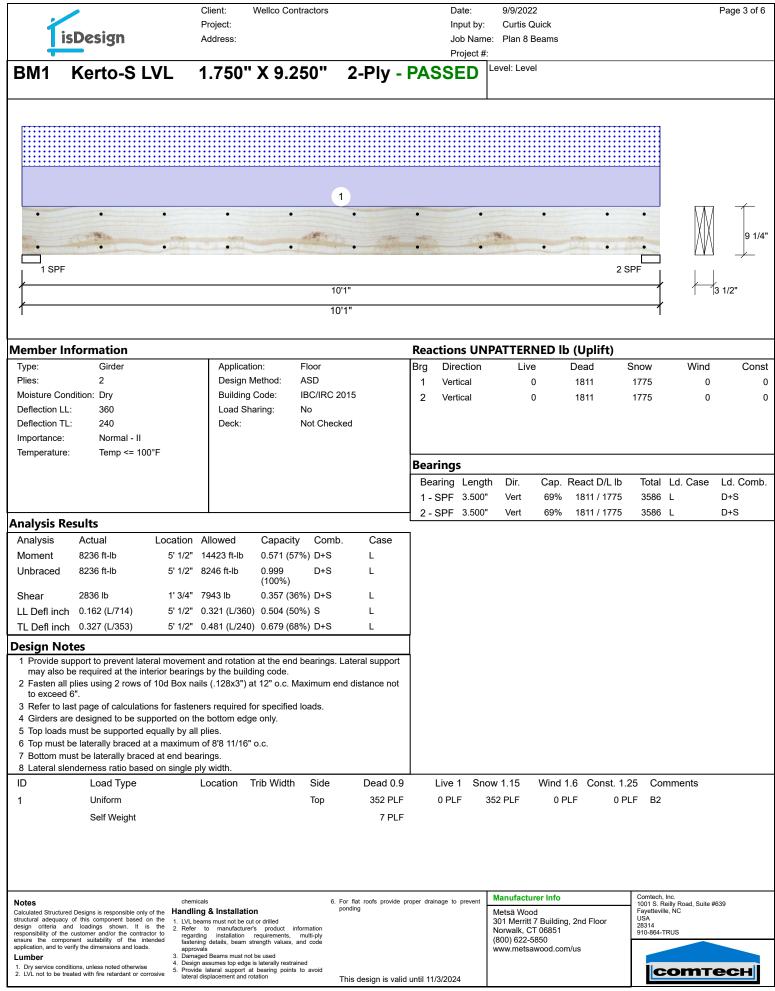


is	Design		Project: Address:				J	nput by: lob Name ^p roject #:	Curtis C Plan 8 E						
GDH H	Kerto-S LVL	. 1.	750" X	11.87	5" 2-	Ply - P		-	Level: Leve	el					
1 SPF		•		•	1	•		•	* **			2 SPF		11 7/8	8"
					16'10"									1/2"	
ſ					16'10"							1			
Member Inf	formation						Postio	nc LINI			(Unlift)				
Type:	Girder		Applicatio	on: F	loor		1	rection	Live) (Uplift) Dead	Snow	Wind	Co	or
Plies: Moisture Cond Deflection LL: Deflection TL: Importance:	480 360 Normal - II		Design M Building (Load Sha Deck:	lethod: A Code: IE uring: N	SD 3C/IRC 2015		1 Ve	rtical rtical	()	2182 2182	0 0	0		
Temperature:	Temp <= 100°F						Bearing								-
								Length	n Dir. Vert Vert	Cap. 42% 42%	React D/L lb 2182 / 0 2182 / 0	2182	Ld. Case Uniform Uniform	Ld. Co D D	m
Analysis Res							1	0.000	voit	12.70	210270	2102	onnonn		-
Analysis Moment Unbraced	Actual Lo 8689 ft-lb 8689 ft-lb		Allowed 7919 ft-Ib 702 ft-Ib	Capacity 0.485 (48% 0.998 (100%)	Comb.) D D	Case Uniform Uniform									
Shear	1859 lb 1: 0.000 (L/999)	5'6 5/8" 7 0 9	980 lb 99.000 (L/0)	0.233 (23%) D	Uniform									
			.546 (L/360)	. ,) D	Uniform									
Design Not	es						1								
may also be 2 Fasten all p to exceed 6 3 Refer to last 4 Girders are 5 Top loads m 6 Top must be	t page of calculations f designed to be suppor nust be supported equa e laterally braced at a n	r bearings d Box nails or fastener ted on the illy by all p naximum c	by the buildin s (.128x3") at rs required for bottom edge lies. of 10'8 15/16'	ng code. : 12" o.c. Max r specified lo e only.	kimum end di										
	st be laterally braced at derness ratio based or		0												
ID	Load Type	L	ocation T	rib Width	Side	Dead 0.9	Live		w 1.15		1.6 Const. 1		mments		
1	Uniform Self Weight				Тор	250 PLF 9 PLF	0 PI	_F	0 PLF	0 F	LF 01	PLF			
structural adequacy o design criteria and responsibility of the cr ensure the compone	Designs is responsible only of the of this component based on the loadings shown. It is the ustomer and/or the contractor to ent suitability of the intended fy the dimensions and loads.	 LVL bean Refer t regarding fastening approvals 	& Installation ms must not be cut to manufacturer's g installation r details, beam str s	or drilled product inform equirements, mi ength values, and	pondin nation ulti-ply	t roofs provide p g	roper drainage t	o prevent	Manufactu Metsä Woo 301 Merritt Norwalk, C (800) 622-5 (www.metsa	d 7 Building T 06851 5850	j, 2nd Floor n/us	Comtech 1001 S. F Fayettevi USA 28314 910-864-	Reilly Road, Suite # lle, NC	4639	-
application, and to verif Lumber 1. Dry service condition	ent suitability of the intended ify the dimensions and loads. ons, unless noted otherwise ted with fire retardant or corrosive	fastening approvals 3. Damaged 4. Design a 5. Provide	details, beam str	ength values, and be used a laterally restrained bearing points to	code i avoid	design is valid	until 11/3/20:				n/us		omt	есн	

			Client:	Wellco Contractor	S	Date:	9/9/2022	Page 2 of 6
1	isDesign		Project: Address:			Input by	/: Curtis Quick me: Plan 8 Beams	
	Ispesign		Address.			Project		
	1/ 1 - 0	1.1/1	4 750	V 44 0751			Level: Level	
GDH	Kerto-S	LVL	1./50"	X 11.875"	2-Ply -	PASSED		
								=
•	• •	•	• •	• •	• •	• •	• • • •	
								↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
Ŀ	• •	•	• •	• •	• •	• •	• • • •	
1 SPF								2 SPF
/					16'10"			3 1/2"
,								3 1/2
1					16'10"			1
Multi-Ply	Analysis							
-	-	rows of 1		· (109v2") at 10"	o c Maxim	um end distance i	not to avcood 6"	
Capacity	plies using z	0.0 %			U.C Maxim		not to exceed o .	
Load		0.0 F						
Yield Limit pe	er Foot		7 PLF					
Yield Limit pe	r Fastener	81.9	lb.					
Yield Mode		IV						
Edge Distanc Min. End Dist		1 1/2 3"	<u>.</u>					
Load Combin		5						
Duration Fact		1.00						
structural adequa design criteria	ured Designs is responsib acy of this component b and loadings shown.	ased on the 1 It is the 2	chemicals andling & Installa . LVL beams must not b . Refer to manufact	e cut or drilled turer's product information	6. For flat roofs prov ponding	vide proper drainage to prevent	Manufacturer Info Metsä Wood 301 Merritt 7 Building, 2nd Floor Norwalk, CT 06851	Comtech, Inc. 1001 S. Reilly Road, Suite #639 Fayetteville, NC USA 28314 910-664-TRUS
ensure the con	the customer and/or the nponent suitability of to verify the dimensions and	he intended	regarding installatio fastening details, bea approvals	n requirements, multi-ply m strength values, and code			(800) 622-5850 www.metsawood.com/us	
Lumber		3	 Damaged Beams must Design assumes top et 	dge is laterally restrained				
2. LVL not to be	onditions, unless noted oth treated with fire retardant	erwise 5	. Provide lateral suppo lateral displacement ar	rt at bearing points to avoid	This design is	valid until 11/3/2024		соттесн
Version 21.90 /								

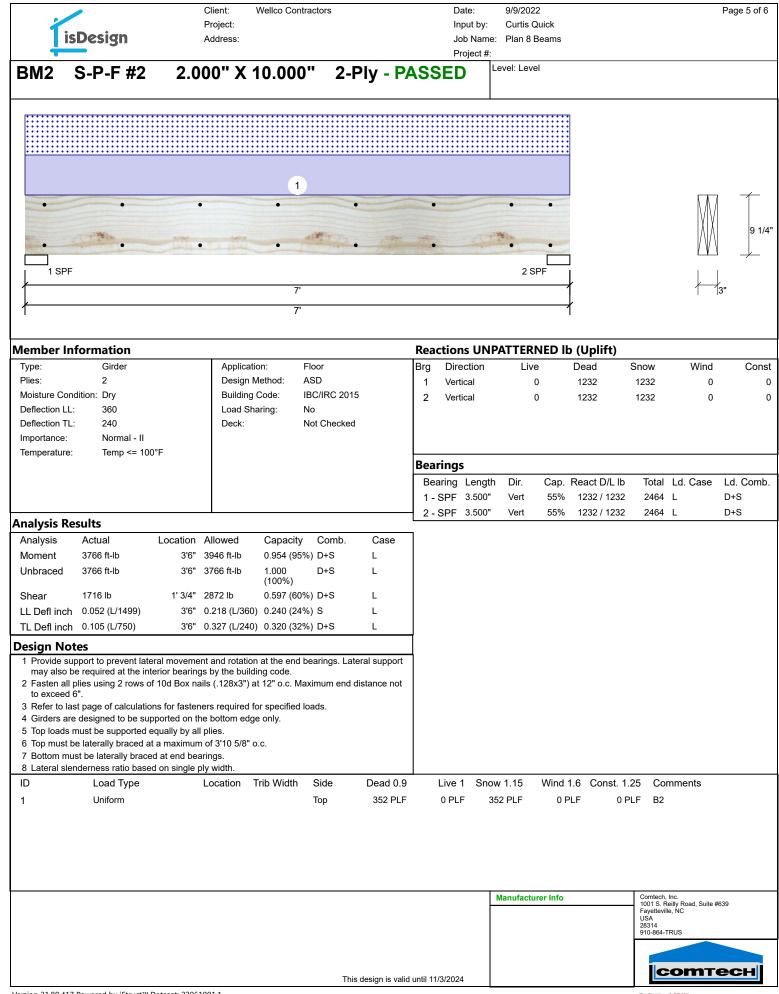
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CSD DESIGN BUILD



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		Client	Wallas Contractors		Deter	9/9/2022	Dogo 4 of 6
-		Client: Project:	Wellco Contractors	5	Date: Input by:		Page 4 of 6
1 i	sDesign	Address:				ne: Plan 8 Beams	
					Project #		
BM1	Korto SI	/ 1 750)" X 9.250"	2 Div		Level: Level	
	Rento-3 L		J A 9.200	2-Fiy ·	PASSED		
•	•	• •	•	•	• •	•	••• • • 1
•	•	• •	•	•	• •	•	• • <u> </u>
1 SPF							2 SPF
				10'1"			3 1/2"
/				10'1"			
Multi-Ply A	Analysis						
Fasten all p	lies using 2 rows	of 10d Box nail	s (.128x3") at 12"	o.c Maximur	n end distance r	not to exceed 6".	
Capacity		0.0 %					
Load		0.0 PLF					
Yield Limit per ∣ Yield Limit per ∣		163.7 PLF 81.9 lb.					
Yield Mode		IV					
Edge Distance		1 1/2"					
Min. End Dista Load Combinat		3"					
Duration Factor		1.00					
structural adequacy design criteria ar responsibility of the ensure the compo	d Designs is responsible only of of this component based on nd loadings shown. It is customer and/or the contracto nent suitability of the inten	the 1. LVL beams must not the 2. Refer to manufa r to regarding installati		6. For flat roofs provide ponding	proper drainage to prevent	Manufacturer Info Metsä Wood 301 Merritt 7 Building, 2nd Floo Norwalk, CT 06851 (800) 622-5850	Comtech, Inc. 1001 S. Reilly Road, Suite #639 Fayetteville, NC USA 28314 910-864-TRUS
application, and to ve Lumber 1. Dry service cond 2. LVL not to be tree	erify the dimensions and loads. litions, unless noted otherwise eated with fire retardant or corros	3. Damaged Beams mu 4. Design assumes top 5. Provide lateral supp lateral displacement a	st not be used edge is laterally restrained ort at bearing points to avoid	This design is va	lid until 11/3/2024	www.metsawood.com/us	соттесн
1/	7 Powered by iStructIM D						



	Client:	Wellco Contractors	Date:	9/9/2022	Page 6 of 6
isDesign	Project: Address:		Input by: Job Name	Curtis Quick Plan 8 Beams	
			Project #:	Level: Level	
BM2 S-P-F	#2 2.000" X	10.000" 2-Ply	- PASSED		
• •	•	• •	•	• • -	
				<11/2"	
	•	• •	•	• • 	9 1/4"
1 SPF					
		7'			3"
 		7'			
Multi-Ply Analysis					
Fasten all plies using 2 Capacity	2 rows of 10d Box nails 0.0 %	(.128x3") at 12" o.c Maxi	mum end distance no	ot to exceed 6".	
Load	0.0 PLF				
Yield Limit per Foot Yield Limit per Fastener	157.4 PLF 78.7 lb.				
Yield Mode Edge Distance	IV 1 1/2"				
Min. End Distance	3"				
Load Combination Duration Factor	1.00				
			Г	Manufacturer Info	Comtech, Inc.
					1001 S. Reilly Road, Suite #639 Fayetteville, NC USA
					28314 910-864-TRUS
		This desire	n is valid until 11/3/2024		соттесн
1		riis desigr	no vanu unul 11/0/2024		