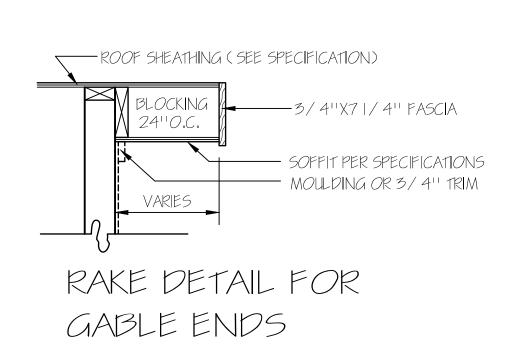
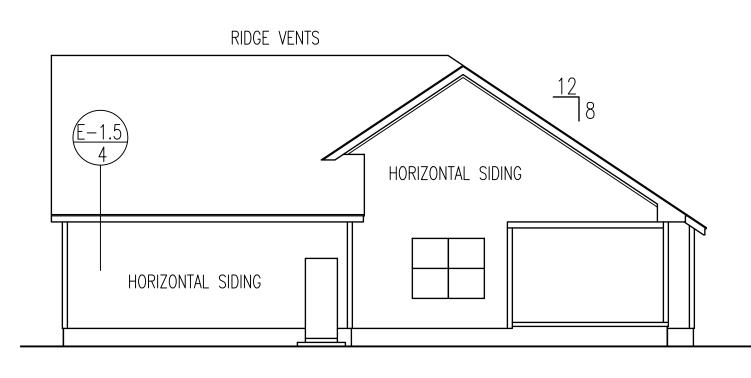


LEFT ELEVATION

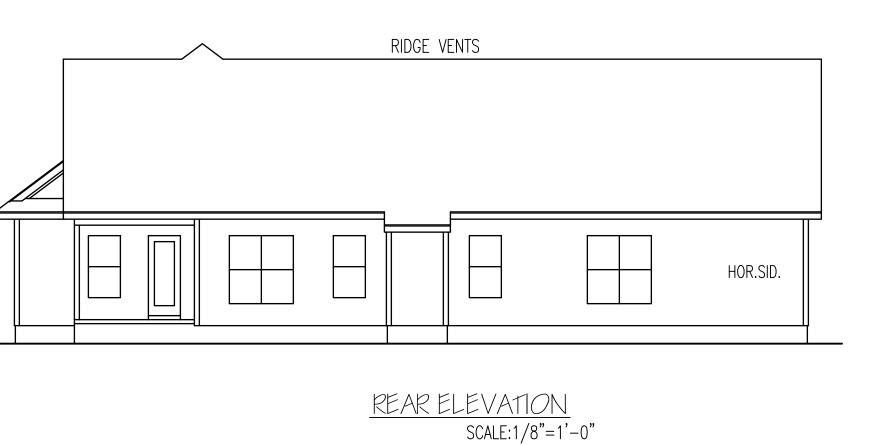


FRONTELEVATION SCALE:1/4"=1'-0"

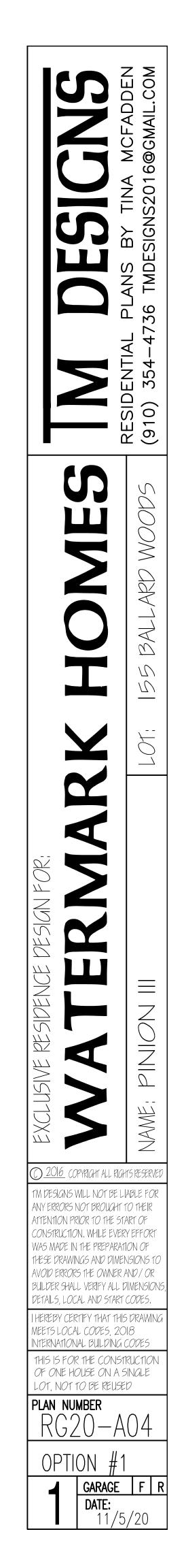


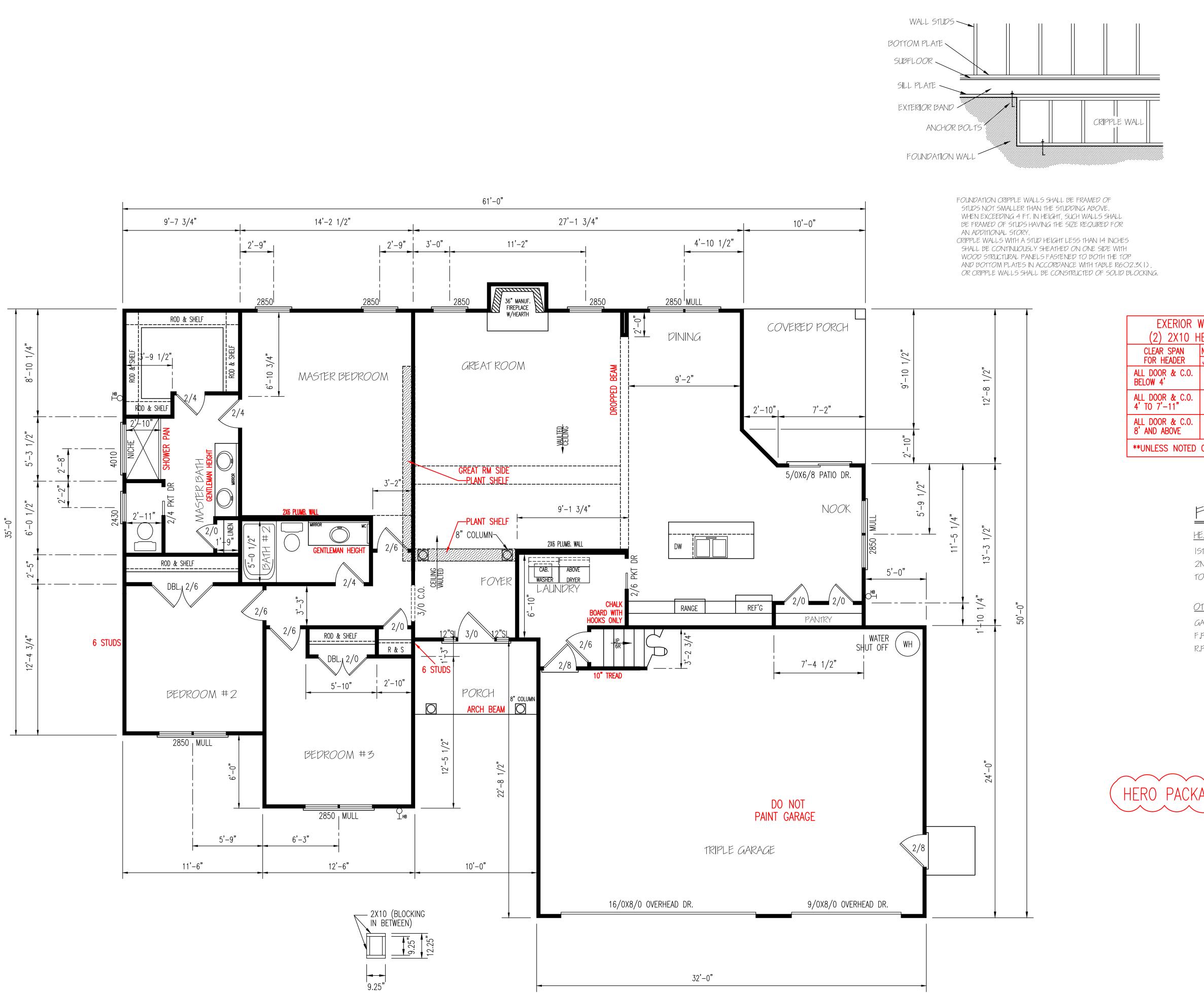


RIGHT ELEVATION

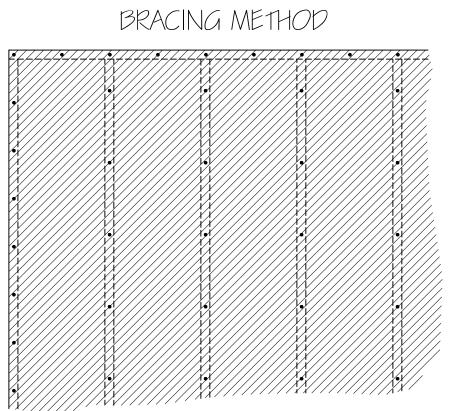






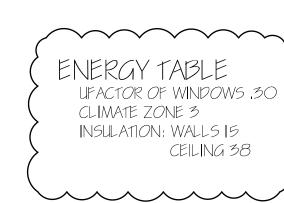


PORCH DETAIL



EXTERIOR WALL TO BE FULLY SHEATHED WITH 7/16'' OSB. NAILING PATTERN TO BE 8" ON ALL EDGES AND 12" IN FIELD, WITH 8d NAILS.

EXERIOR WALLS (2) 2X10 HEADERS NUMBER OF STUDS JACKS KINGS SIZED BY ENGINEER **UNLESS NOTED OTHER WISE**



FIRST FLOOR PLAN

SCALE: 1/4''= 1'-0''

HEATED AREA

IST FL	779	SQ F1
2ND FL	302	SQ F1
TOTAL	208	5Q F1

OTHER AREAS

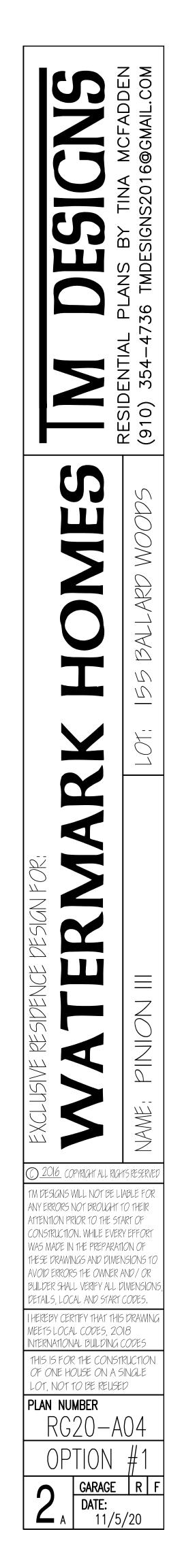
GARAGE	626	_ 5Q F1
F.PORCH	54	SQ F1
R.P <i>O</i> RCH	5	- 5Q F1

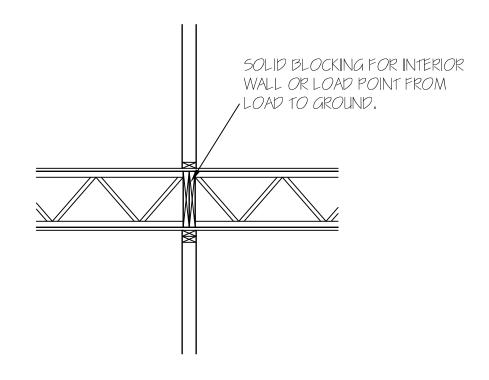
<u>NOTE:</u> CEILINGS ARE 9'—0" UNLESS NOTED. SET WINDOWS @ 7'-4" UNLESS NOTED.

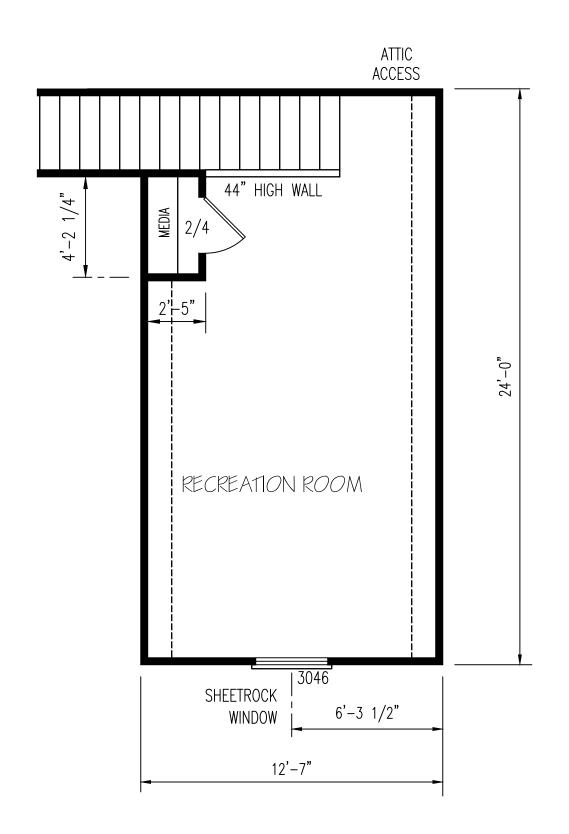
GARAGE PANEL WALL

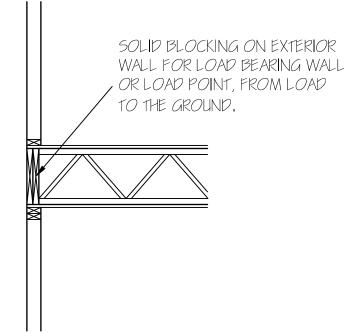
HERO PACKAGE

GARAGE PANEL WALLS UNDER 24" WIDE SHOULD BE EITHER PORTAL FRAMED OR 7/16" OSB ON BOTH SIDES WITH A NAILING PATTERN OF 311 ON ALL PANEL EDGES AND 6" IN THE FIELD,

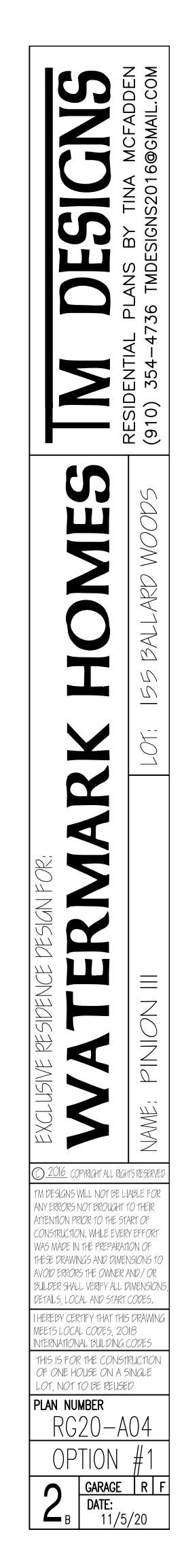


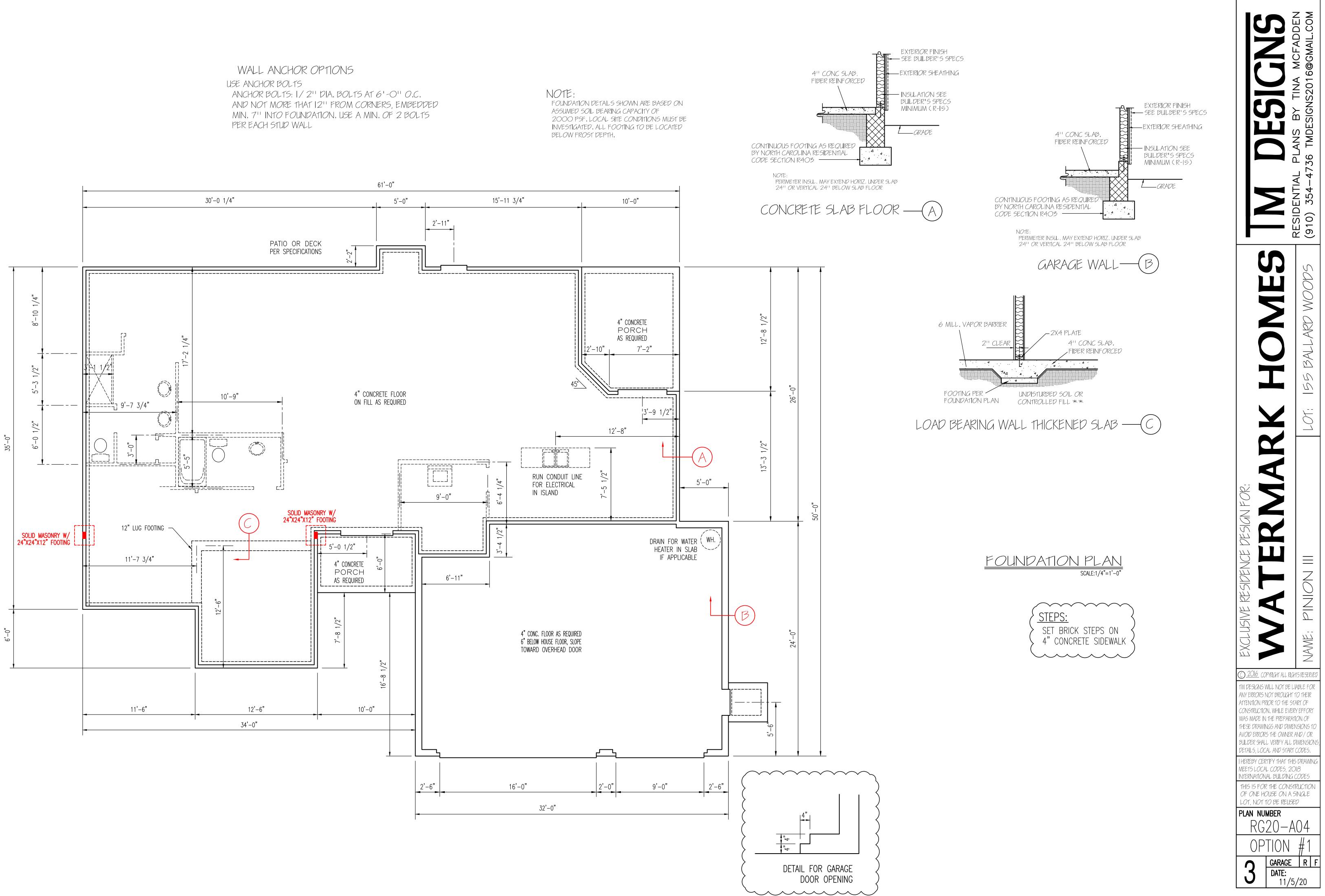


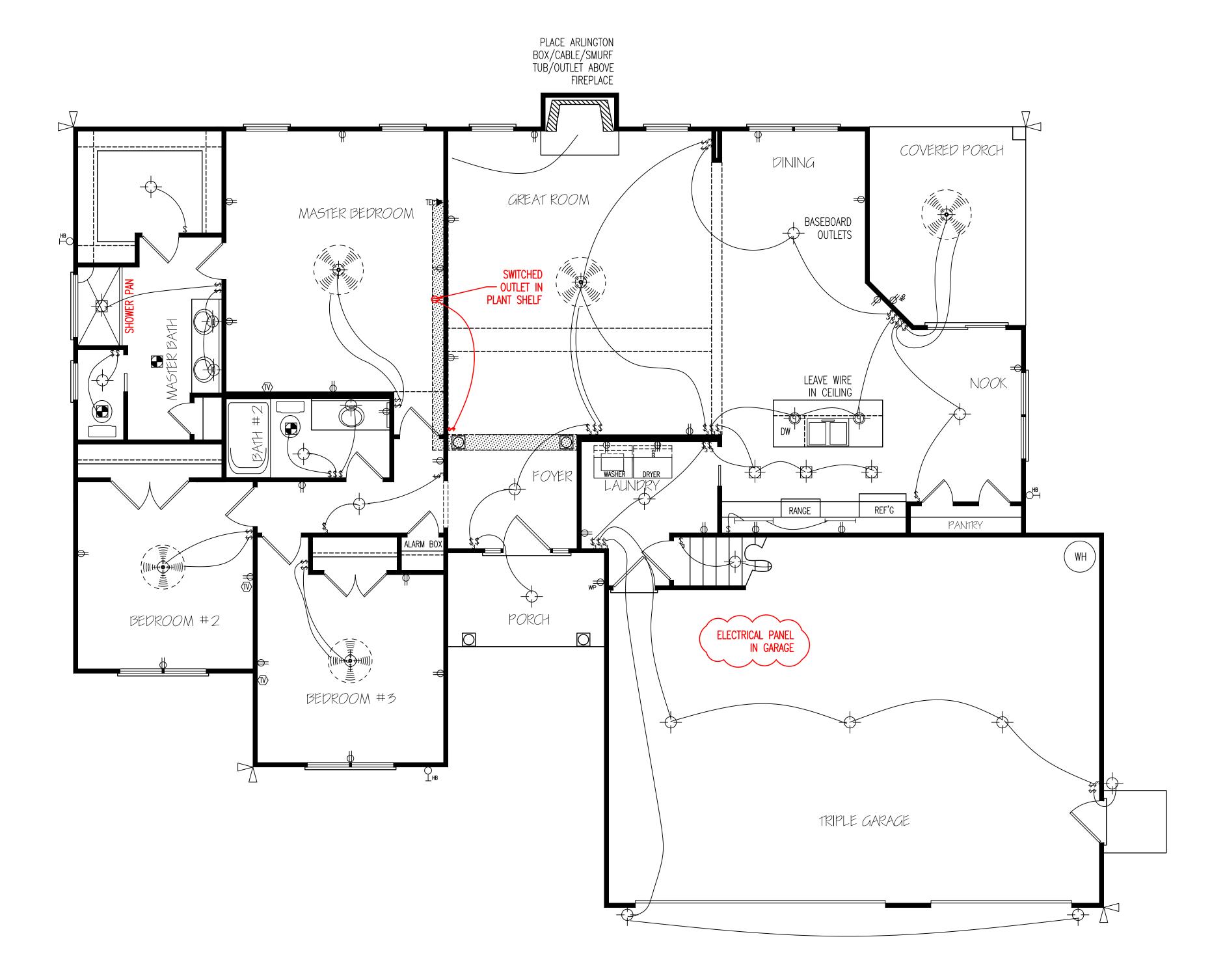


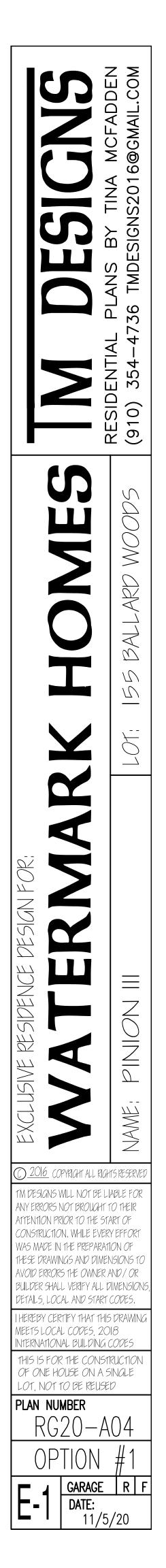




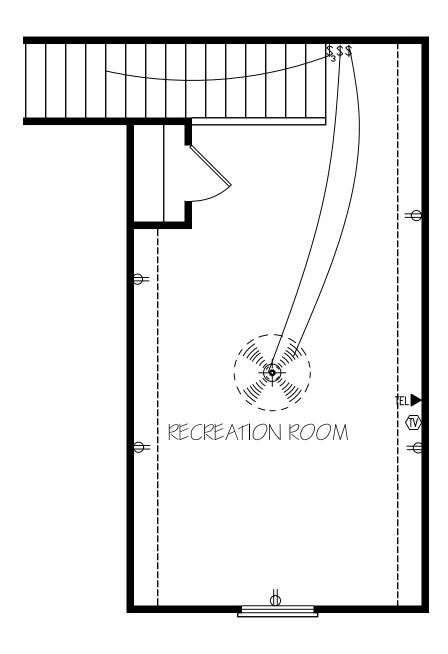




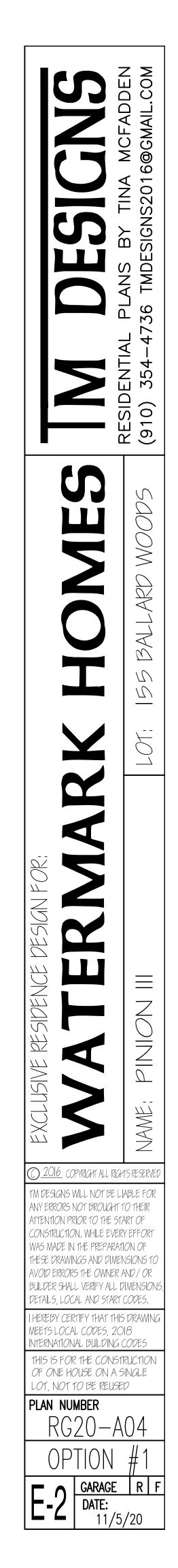


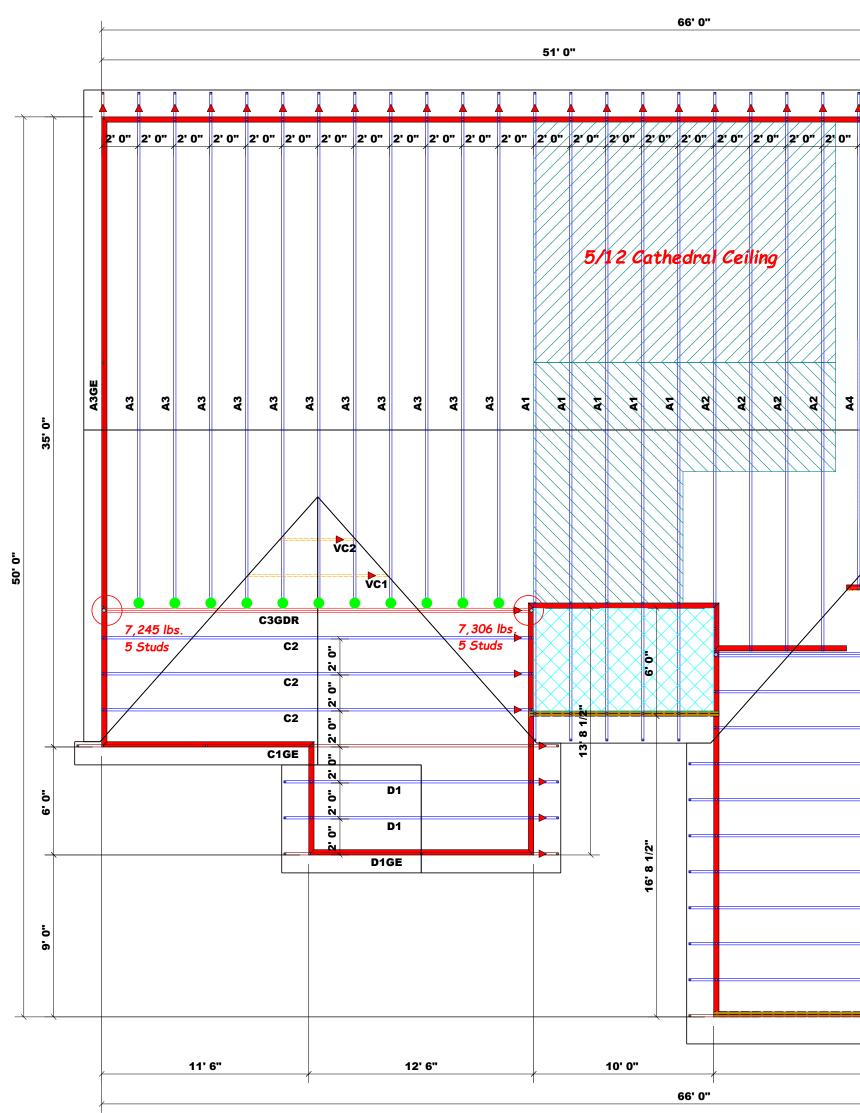


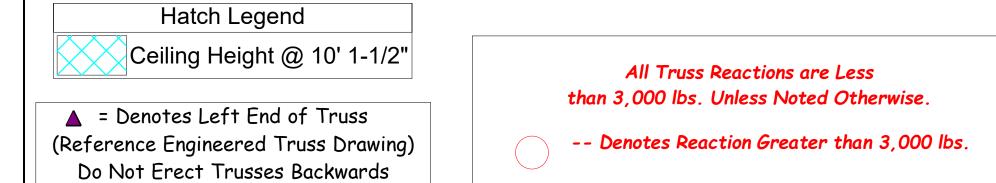
<u>FIRST FLOOR</u> ELECTRICAL LAYOUT



<u>SECOND FLOOR</u> ELECTRICAL LAYOUT







Truss Placement Plan SCALE: NTS

	32' 0"	ОО В1 Ю В1 Ю N В1 Ю N SIGE В1 О GDH B1GE В1	Floor, Ceiling, & Roof To Be Ladder Framed By Builder	10' 0" 5 2' 0" 2' 0" 2' 0" 2' 0" 2' 0" 2' 0" 2' 0" 2' 0" 2' 0" 2' 0" 2' 0" 2' 0" 2' 0" 2' 0" 2' 0" 2' 0" 2' 0" 2' 0" 2' 0" 30 Ibs. Live Load	
HANGER LE			M1GE	13:31/2"	
<u>GEND</u> ngle 2x Hanger			20. 0.		
BUILDER	Watermark Homes	CITY / CO.	Lillington / Harnett	deemed requiren size and reaction 15000# retained reaction Tables retained reaction Signatu	TI
JOB NAME	VE Lot 155 Ballard Woods	ds ADDRESS	Lot 155 Ballard Woods	to comply nents. The I Tables (nents) to I number of s greater A register to design that exce A register to design to design	RO(RUS Reilly R Fayett Phon Fax:
PLAN	The Pinion III	WODEL	Roof	y with the e contract detrived fit determine of wood s than 3000 red design the supp red strosse ed design the supp red strosse of the supp red strosse red stross	DF & SES oad In teville, e: (910 (910)
SEAL DATE	ΤΕ 11/5/2020	DATE REV.	2/15/2020	In the second se	FEC & FLC & BE dustria N.C. 2) 864-8 864-44
QUOTE #	t Quote #	DRAWN BY	Curtis Quick	ve Code fer to the escriptive num foun red to su greater th onal shall n for any in the at n for any in the at n for all <u>wick</u> K STUI	DOR EAN al Park 8309 8787 144
JOB #	J0221-0982	SALES REP.	Anthony Williams	DS OF BC C C C C C C C C C C C C C	k K

= USP HUS26 / Single 2x Hanger	
--------------------------------	--

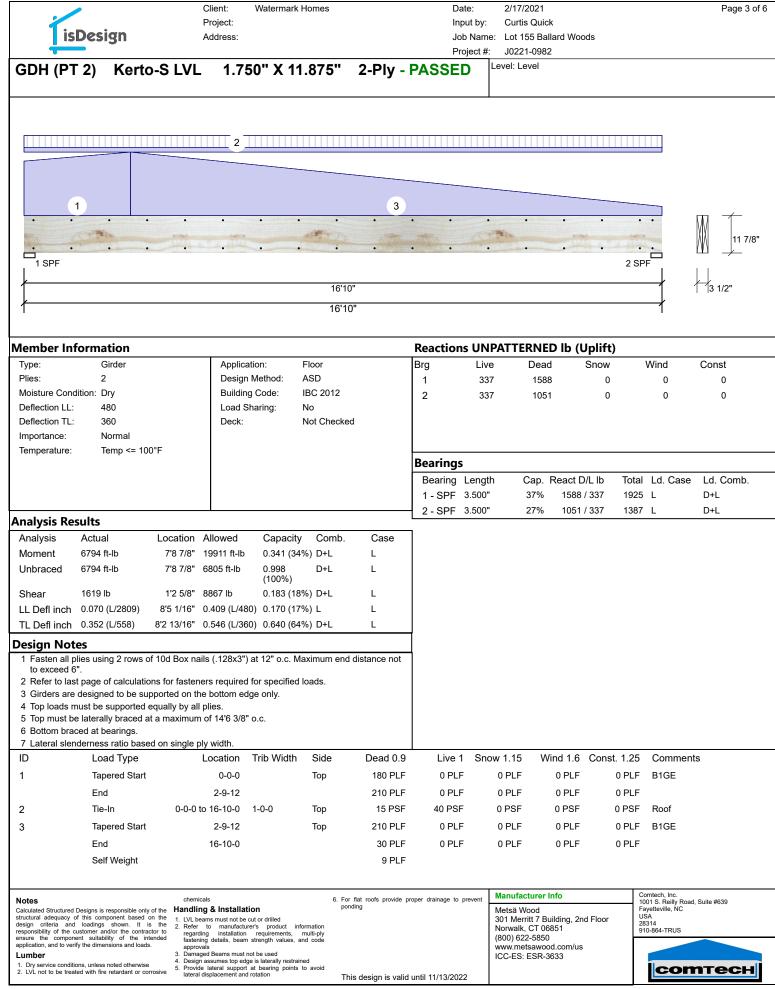
Beam Legend								
PlotID	Length	Product	Plies	Net Qty				
BM1	11' 0"	1-3/4"x 9-1/4" LVL Kerto-S	2	2				
GDH	32' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2				

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 BCSI-B1 and BCSI-B3 provided with the truss delivery package or online @ sbcindustry.com

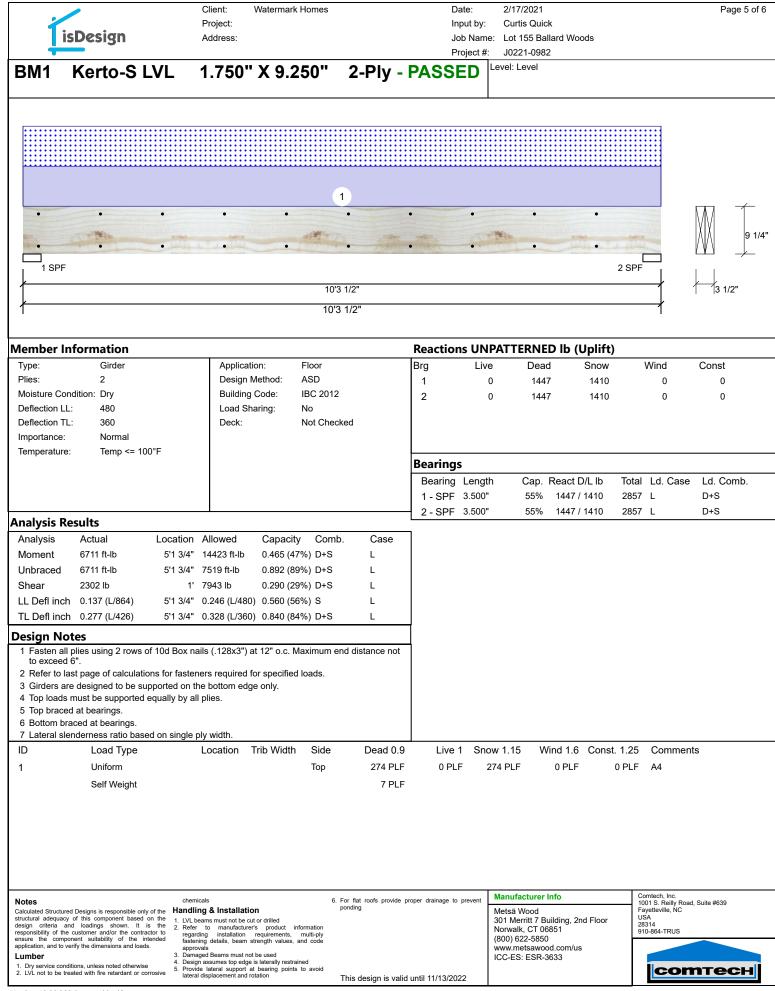
isDes	ign	Client: Watermark Project: Address:	Homes	Date: Input b Job Na Projec	ame: Lot 155 Ballard Woods	Page 1 of 6
GDH (PT 1)	Kerto-S L	VL 1.750" X 11	.875" 2-PI	y - PASSED	Level: Level	
	2	• •	1			M T
1 SPF			10' 10'		2 SPF	↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
Nember Informa	ation			Reactions U	INPATTERNED lb (Uplift)	
Type:QPlies:2Moisture Condition:1Deflection LL:2Deflection TL:3Importance:8	Girder 2 Dry 480 360 Normal	Design Method: Building Code: Load Sharing:	Floor ASD IBC 2012 No Not Checked	Brg L 1 2	Live Dead Snow 2000 1341 0 2000 1602 0	Wind Const 0 0 0 0
Temperature:	Temp <= 100°F			Bearings Bearing Ler 1 - SPF 3.50 2 - SPF 3.50	00" 64% 1341/2000 3	Fotal Ld. Case Ld. Comb. 3341 L D+L 3602 L D+L
to exceed 6". 2 Refer to last page	ft-lb 5 ft-lb 5 lb 8'9 3, 0 (L/1287) 4 (L/741) 5' 5/1 ing 2 rows of 10d Bo: of calculations for fas	'1" 19911 ft-lb 0.397 (40 '1" 9628 ft-lb 0.821 (82 '8" 8867 lb 0.302 (30 5' 0.239 (L/480) 0.370 (37 6" 0.318 (L/360) 0.490 (49 x nails (.128x3") at 12" o.c. M	%) D+L L %) D+L L %) D+L L %) D+L L			
 3 Girders are design 4 Top loads must be 5 Top braced at beau 6 Bottom braced at b 7 Lateral slendernes 	supported equally by rings. bearings.					
1 Tie 2 Taj En	pered Start	Location Trib Width -0-0 to 10-0-0 10-0-0 0-0-0 10-0-0	Top 60 210	I 0.9 Live 1 S PSF 40 PSF PLF 0 PLF PLF 0 PLF PLF	0 PLF 0 PLF 0 F	.25 Comments PSF Roof PLF B1GE PLF
Notes Calculated Structured Designs is structural adequacy of this cor design criteria and loadings responsibility of the customer a ensure the component suitat application, and to verify the dime Lumber 1. Dry service conditions, unless 2. LVL not to be treated with fir	s responsible only of the mponent based on the s shown. It is the and/or the contractor to bility of the intended ensions and loads.	chemicals ndling & Installation VL beams must not be cut or drilled Refer to manufacturer's product inf egarding installation requirements, astening details, beam strength values, a approvals Jamaged Beams must not be used Design assumes top edge is laterally restrain provide lateral support at bearing points ateral displacement and rotation	ponding ormation multi-ply nd code ed to avoid	rovide proper drainage to preven s valid until 11/13/2022	Manufacturer Info Metsä Wood 301 Merritt 7 Building, 2nd Floor Norwalk, CT 06851 (800) 622-5850 www.metsawood.com/us ICC-ES: ESR-3633	Comtech, Inc. 1001 S. Reilly Road, Suite #639 Fayetteville, NC USA 28314 910-864-TRUS

		Client:	Watermark Homes	3	Date:	2/17/2021	Page 2 of 6
		Project:			Input by:	Curtis Quick	
isDesign		Address:				ne: Lot 155 Ballard Woods	
					Project #		
GDH (PT 1) Kerto-	-S LVL	1.7	50" X 11.87	5" 2-Plv	- PASSED	Level: Level	
				· ,			
							,
• •	•	•	•	•	• •	• • •	1 - 1
	•	•	•	•	• •	• • • -	
						2 SPF	<u>] V</u> — —
						2011	
			10	כ'			13 1/2"
 			10	0'		·······	1
Multi-Ply Analysis							
Fasten all plies using 2 rows	of 10d B	Box nails	(.128x3") at 12"	o.c Maximur	m end distance r	not to exceed 6"	
	0.0 %						
Load	0.0 PLF						
Yield Limit per Foot	163.7 PLF						
Yield Limit per Fastener	81.9 lb.						
Yield Mode Edge Distance	IV 1 1/2"						
Min. End Distance	3"						
Load Combination							
Duration Factor	1.00						
Notos	chemic	als		6 For flat roofs provide	e proper drainage to prevent	Manufacturer Info	Comtech, Inc. 1001 S. Reilly Road, Suite #639
Notes Calculated Structured Designs is responsible only of	the Handlin	g & Installa		ponding	proper dramage to prevent	Metsä Wood	Fayetteville, NC
structural adequacy of this component based on design criteria and loadings shown. It is	the 2. Refer		arer's product information			301 Merritt 7 Building, 2nd Floor Norwalk, CT 06851	USA 28314 010 964 TPUS
responsibility of the customer and/or the contractor ensure the component suitability of the inter-	r to regardii ided fastenir	ng installation ng details, bean	n requirements, multi-ply n strength values, and code			(800) 622-5850	910-864-TRUS
application, and to verify the dimensions and loads.	approva 3. Damag	als ed Beams must	not be used			www.metsawood.com/us ICC-ES: ESR-3633	
 Dry service conditions, unless noted otherwise LVL not to be treated with fire retardant or corros 	. 5. Provide	assumes top ed ateral support displacement and	ge is laterally restrained t at bearing points to avoid d rotation				соттесн
	iateral o	aspiacement and		This design is va	lid until 11/13/2022		

Version 19.80.203 Powered by iStruct™



		Client: Wa	termark Homes		Date:	2/17/2021	Page 4 of 6
isDes	ian	Project: Address:			Input b	y: Curtis Quick me: Lot 155 Ballard Woods	
	1311	Address.			Project		
GDH (PT 2)	Kerto-S LV	′L 1.750'	X 11.875	" 2-Ply	PASSED	Level: Level	
· · ·	• • •		•	• •			——————————————————————————————————————
			-	-			··· ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
1 SPF	• • •	•••	•	• •	• •	• • • •	
			1	6'10"			3 1/2"
				6'10"			5 1/2
			I	010			I
Multi-Ply Analys	is						
Fasten all plies us		d Box nails (.12	8x3") at 12" o	o.c Maximur	n end distance	not to exceed 6"	
Capacity Load	0.0 % 0.0 PLF	-					
Yield Limit per Foot	163.7 F	²LF					
Yield Limit per Fastener Yield Mode	r 81.9 lb. IV						
Edge Distance	1 1/2"						
Min. End Distance	3"						
Load Combination Duration Factor	1.00						
	1.00						
						1	
Notes Calculated Structured Designs is		emicals dling & Installation	e	 For flat roofs provide ponding 	proper drainage to preven	t Manufacturer Info Metsä Wood	Comtech, Inc. 1001 S. Reilly Road, Suite #639 Fayetteville, NC
structural adequacy of this con design criteria and loadings	mponent based on the <u>1. LV</u> s shown. It is the <u>2. Re</u>	L beams must not be cut or e efer to manufacturer's	product information			301 Merritt 7 Building, 2nd Floo Norwalk, CT 06851	
responsibility of the customer a ensure the component suitable application, and to verify the dime	and/or the contractor to re- bility of the intended fase ensions and loads. ap	garding installation requistening details, beam streng pprovals	irements, multi-ply th values, and code			(800) 622-5850 www.metsawood.com/us	510-004-1 RUS
Lumber 1. Dry service conditions, unless	s noted otherwise 5. Pr	amaged Beams must not be a esign assumes top edge is la ovide lateral support at be	erally restrained aring points to avoid			ICC-ES: ESR-3633	соттесн
LVL not to be treated with fire	re retardant or corrosive lat	teral displacement and rotation	n	This design is va	id until 11/13/2022		Connech



Version 19.80.203 Powered by iStruct™

	/			atermark Homes		Date:	2/17/2021	Page 6 of 6
Í	isDesign		oject: Idress:			Input by: Job Nam	: Curtis Quick ne: Lot 155 Ballard Woods	
+						Project #		
BM1	Kerto-S L	VL 1.	.750"	X 9.250"	2-Ply ·	PASSED	Level: Level	
•	•	•	•	•	•	• •	• •	1 12
								v v v v v v v v v v v v v v v v v v v
	•	•	•	•	•	• •	• •	
1 SPF	F							2 SPF
1					0'3 1/2"			13 1/2"
1				1()'3 1/2"			1
Multi-Ply	-							
	plies using 2 rows	s of 10d Bo	x nails (.1	28x3") at 12"	o.c Maximur	n end distance r	not to exceed 6"	
Capacity Load		0.0 % 0.0 PLF						
Yield Limit per Yield Limit per		163.7 PLF 81.9 lb.						
Yield Mode		IV						
Edge Distance Min. End Dist		1 1/2" 3"						
Load Combina	ation							
Duration Fact	or	1.00						
Notes		chemicals			6. For flat roofe provide	proper drainage to prevent	Manufacturer Info	Comtech, Inc.
structural adequa	ured Designs is responsible only of acy of this component based on	f the Handling &	& Installation		ponding		Metsä Wood 301 Merritt 7 Building, 2nd Floo	1001 S. Reilly Road, Suite #639 Fayetteville, NC USA
design criteria responsibility of the	and loadings shown. It is he customer and/or the contracto ponent suitability of the inten	the 2. Refer to or to regarding	manufacturer's installation re	product information quirements, multi-ply			Norwalk, CT 06851 (800) 622-5850	28314 910-864-TRUS
application, and to	ponent suitability of the inten overify the dimensions and loads.	approvals 3. Damaged I	Beams must not be	ngth values, and code			www.metsawood.com/us ICC-ES: ESR-3633	
1. Dry service co	nditions, unless noted otherwise treated with fire retardant or corro	 Design ass Provide la 	sumes top edge is I	laterally restrained bearing points to avoid	This design is	lid uptil 11/12/2022	100 20. 2010000	соттесн
Version 19802	03 Powered by iStruct™				i nis design is va	lid until 11/13/2022		