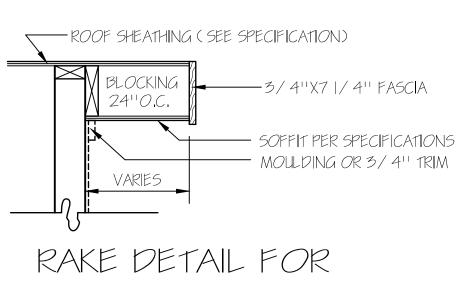
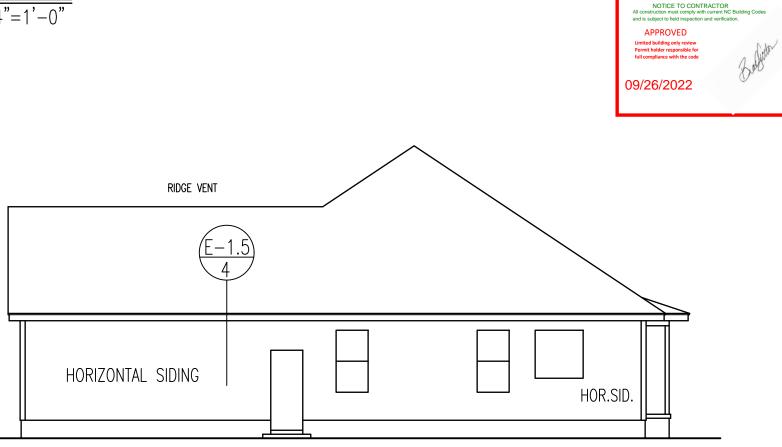


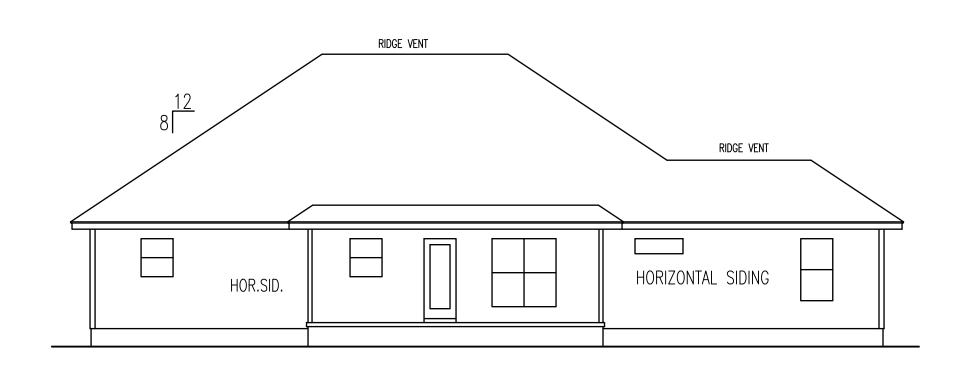
LEFT ELEVATION



GABLE ENDS

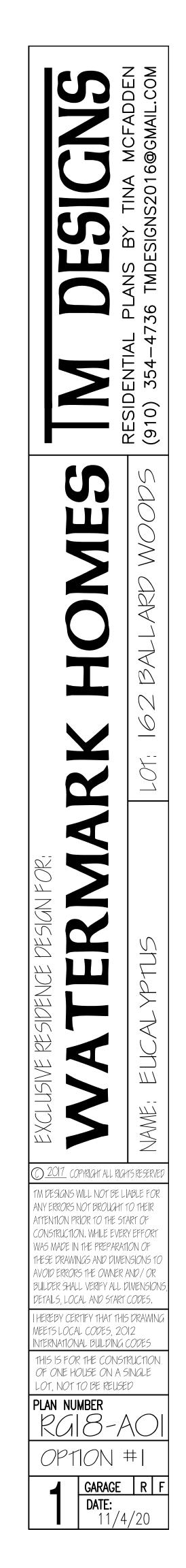
FRONTELEVATION SCALE:1/4"=1'-0"





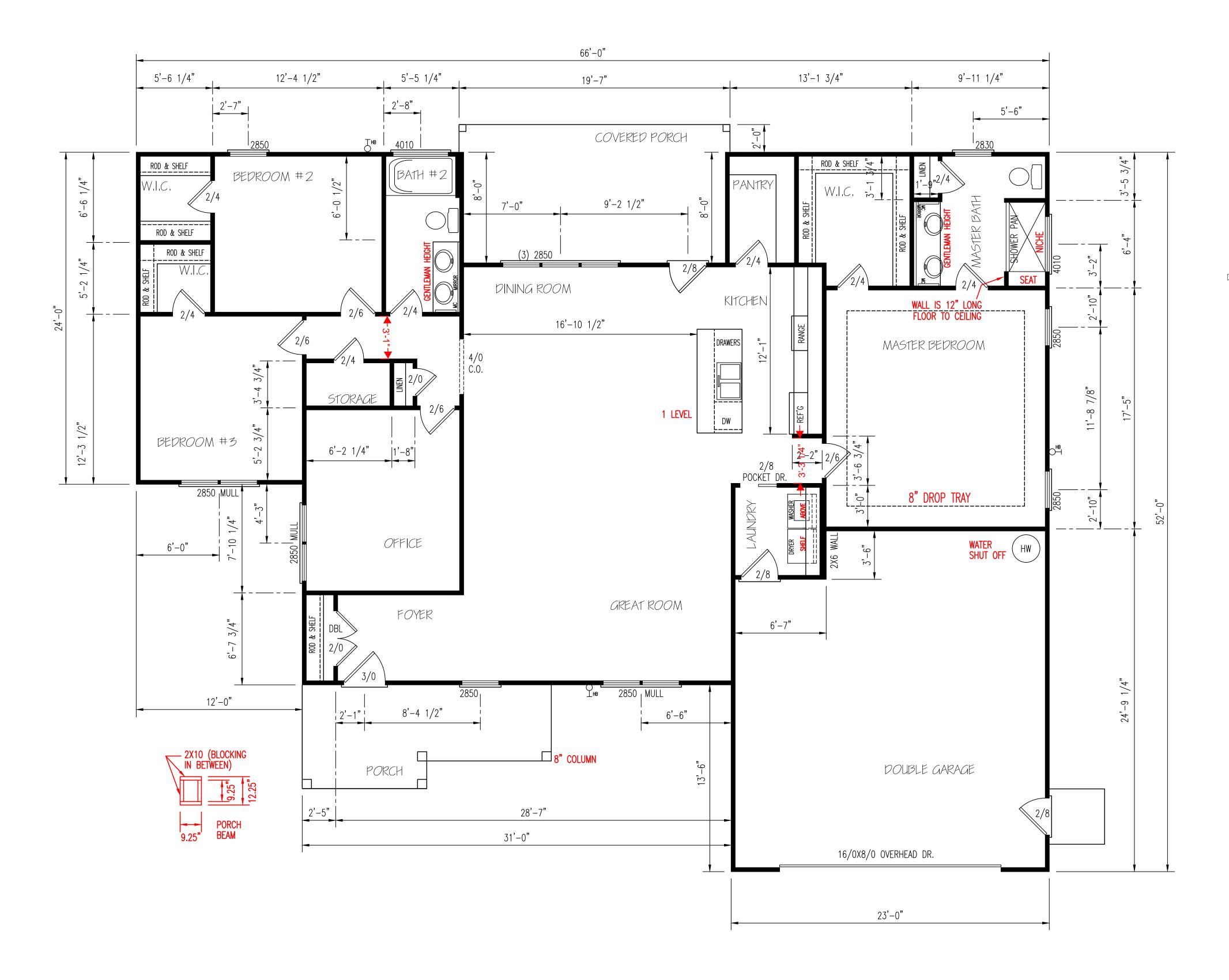
REAR ELEVATION SCALE:1/8"=1'-0"

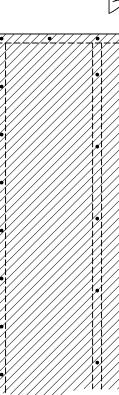
RIGHT ELEVATION

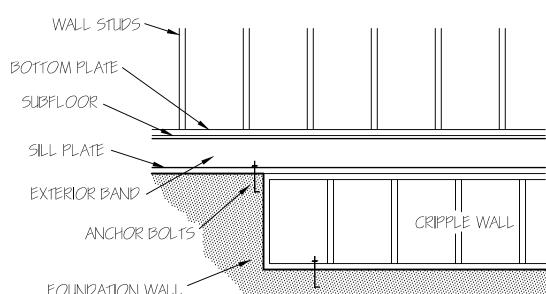


50

Harnett





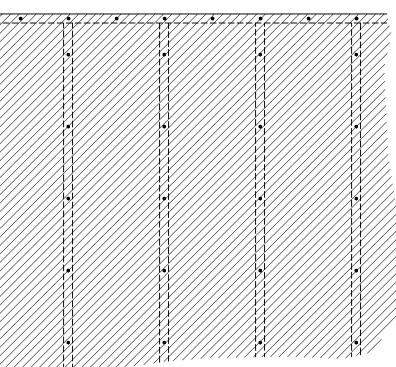


FOUNDATION WALL

(2) 2X10 HEA	ADERS
clear span For header	NUMBER OF JACK STUDS
ALL DOOR & C.O. WIDTH 5'-0" & BELOW	1
ALL DOOR & C.O. WIDTH ABOVE 5'-0"	2
3/0 DOOR W/ SIDE LITES	2
ALL SINGLE WINDOWS	1
ALL TWIN WINDOWS	2
ALL TRIPLE WINDOWS	3
**UNLESS NOTED OT	HER WISE**

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,

### BRACING METHOD



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.

FOUNDATION CRIPPLE WALLS SHALL BE FRAMED OF STUDS NOT SMALLER THAN THE STUDDING ABOVE, WHEN EXCEEDING 4 FT. IN HEIGHT, SUCH WALLS SHALL BE FRAMED OF STUDS HAVING THE SIZE REQUIRED FOR AN ADDITIONAL STORY.

CRIPPLE WALLS WITH A STUD HEIGHT LESS THAN 14 INCHES SHALL BE CONTINUOUSLY SHEATHED ON ONE SIDE WITH WOOD STRUCTURAL PANELS FASTENED TO BOTH THE TOP AND BOTTOM PLATES IN ACCORDANCE WITH TABLE R602.3(1) OR CRIPPLE WALLS SHALL BE CONSTRUCTED OF SOLID BLOCKING.

# GARAGE PANEL WALL

 $\sim\sim\sim\sim\sim$ ENERGY TABLE UFACTOR OF WINDOWS ,30 . CLIMATE ZONE 3 INSULATION: WALLS 15 CEILING 38 FL*OO*RS 19 ~~~~~

<u>NOTE:</u> CEILINGS ARE 9'—0" UNLESS NOTED.

## FLOOR PLAN

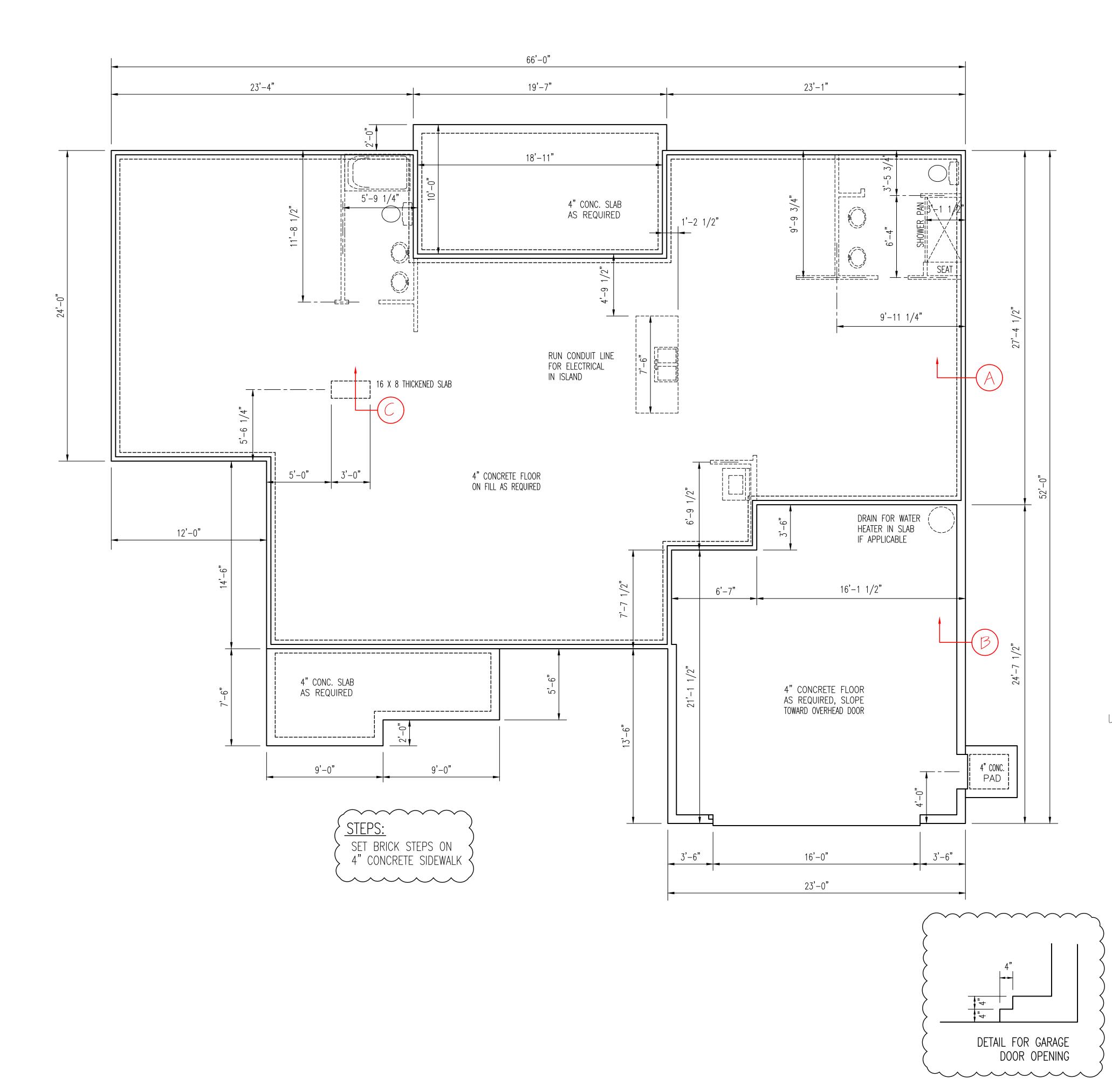
SCALE:1/4''=1'-0''

HEATED AREA <u>1986</u> SQ FT

#### OTHER AREAS

GARAGE	540	SQ FT
F.PORCH	7	SQ FT
R.PORCH	9	SQ FT
TOTAL	878	SQ FT

Subicities of the second secon	IDENTIAL PLANS BY TINA MCFADDEN ) 354-4736 TMDESIGNS2016@GMAIL.COM
RK HONES	LOT: 162 BALLARD WOODS (910)
EXCLUSIVE RESIDENCE DESIGN FOR: A LESIDENCE DESIGN FOR: O 2017 COPYRIANT ALL RIGHT	NAME: EUCALYPTUS
TM PESIANS WILL NOT BE L ANY ERRORS NOT BROUGHT ATTENTION PRIOR TO THE ST CONSTRUCTION, WHILE EVER WAS MADE IN THE PREPARAT THESE DRAWINGS AND DIME AVOID ERRORS THE OWNER BUILDER SHALL VERIFY ALL I DETAILS, LOCAL AND START I HEREBY CERTIFY THAT THIS MEETS LOCAL CODES, 200 INTERNATIONAL BUILDING THIS IS FOR THE CONST OF ONE HOUSE ON A S LOT, NOT TO BE REUSE PLAN NUMBER RCGI 8-A OPTION = COPTION = CARAGE DATE: 11/4	IABLE FOR TO THEIR TART OF RY EFFORT TON OF NSIONS TO AND / OR PIMENSIONS, CODES, S DRAWING DI2 CODES RUCTION SINGLE ED TRUCTION SINGLE ED TRUCTION SINGLE ED

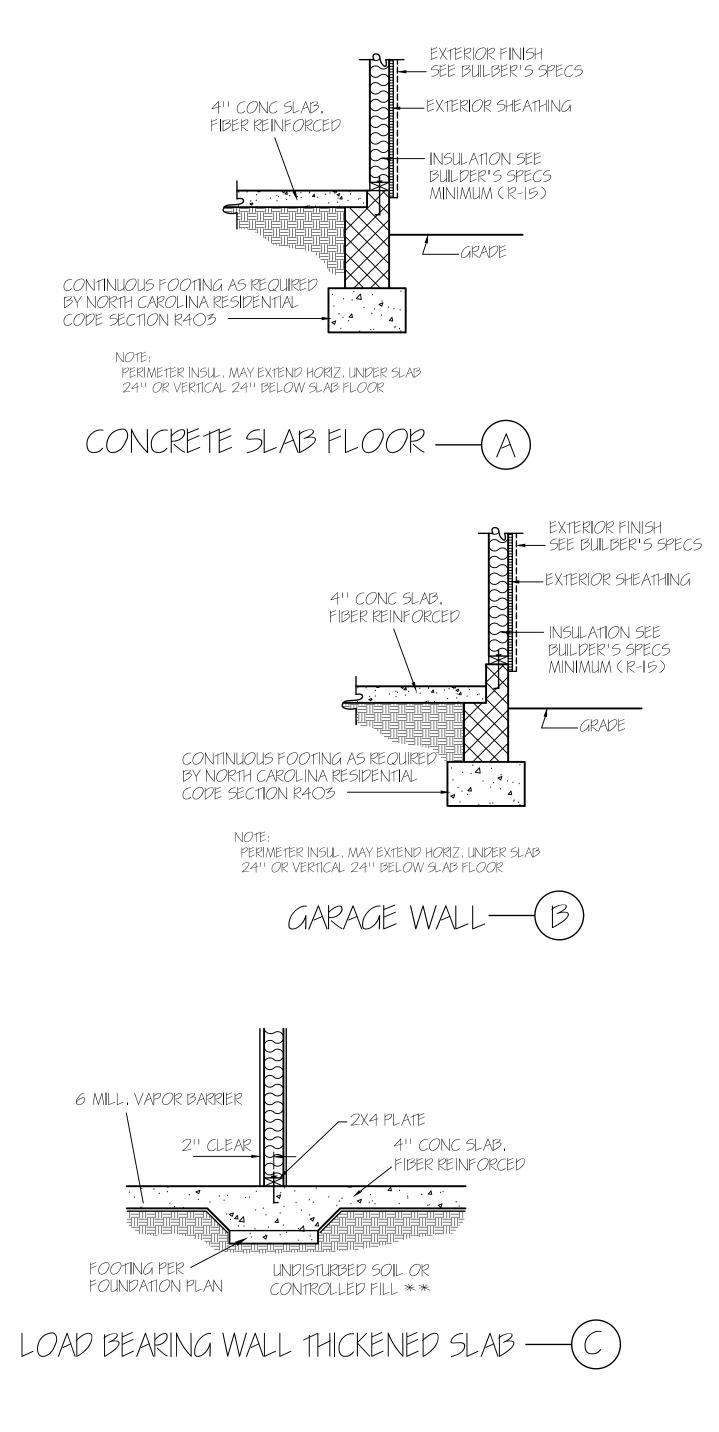




ANCHOR BOLTS: I / 2" DIA, BOLTS AT 6'-O" O.C. AND NOT MORE THAT 12" FROM CORNERS, EMBEDDED MIN, 7" INTO FOUNDATION, USE A MIN, OF 2 BOLTS PER EACH STUD WALL

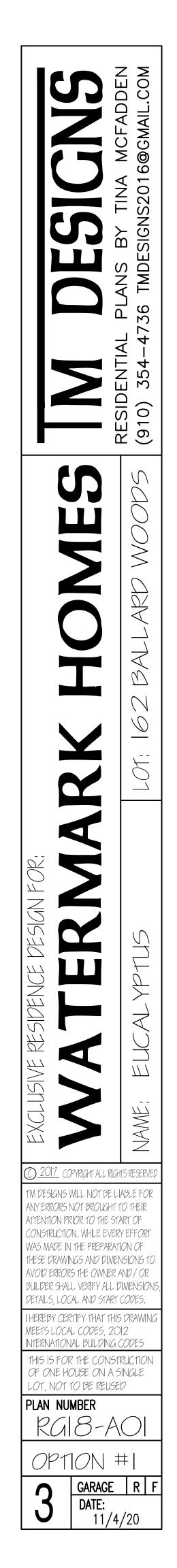
NOTE:

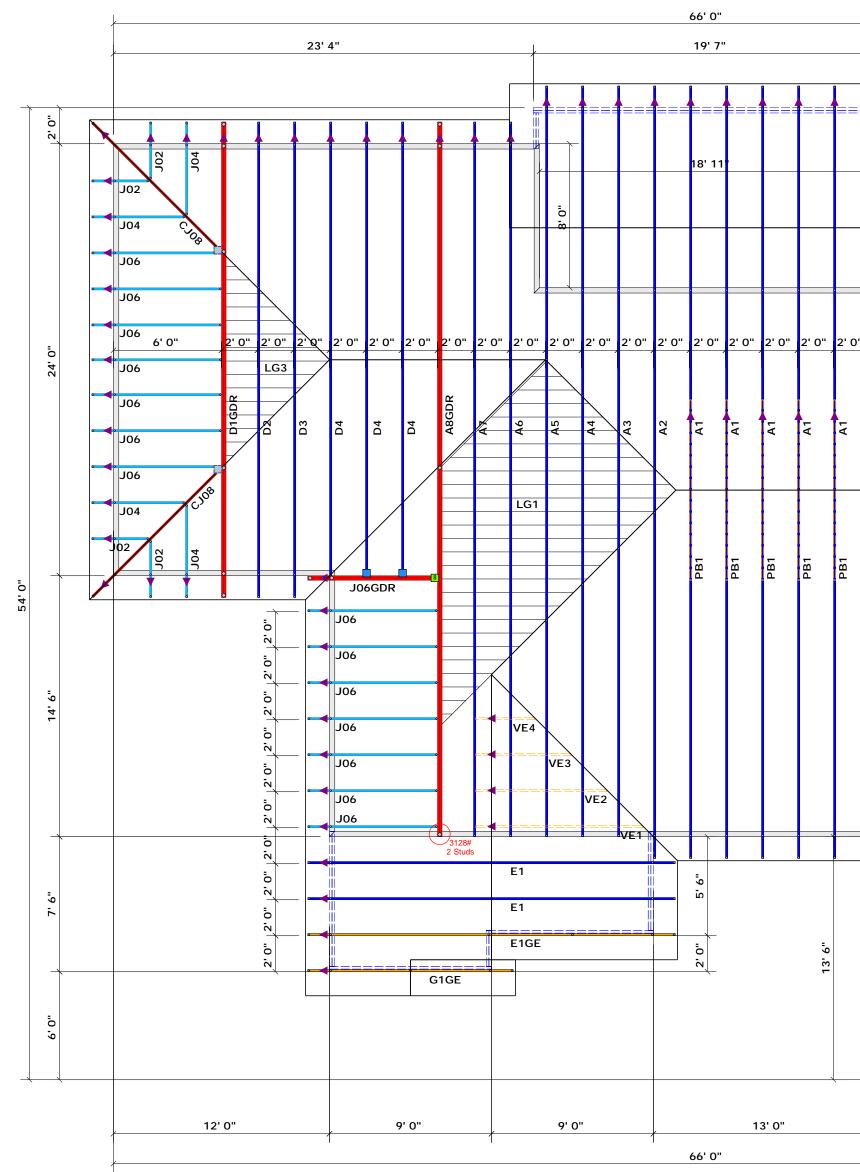
FOUNDATION DETAILS SHOWN ARE BASED ON ASSUMED SOIL BEARING CAPACITY OF 2000 PSF, LOCAL SITE CONDITIONS MUST BE INVESTIGATED, ALL FOOTING TO BE LOCATED BELOW FROST DEPTH.



WALL ANCHOR OPTIONS

FOUNDATION PLAN SCALE:1/4"=1'-0"





= Denotes Left End of Truss (Reference Engineered Truss Drawing) Do Not Erect Trusses Backwards

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.

-- Denotes Reaction Greater than 3,000 lbs.

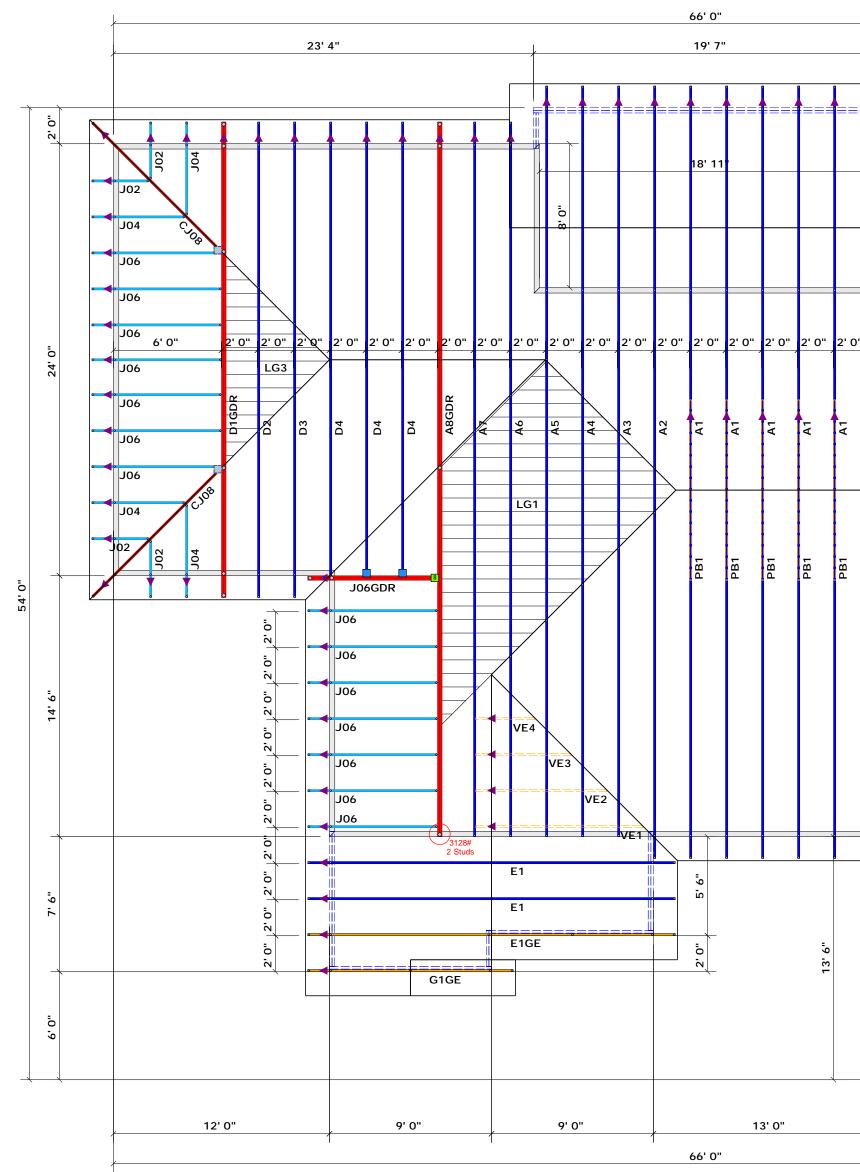
<u>Truss</u> <u>Placement</u> <u>Plan</u> SCALE: 3/16" = 1'

10°     2'0°     2'0°     2'0°     2'0°     2'0°     2'0°     2'0°     1'101/2"       108     1'14"     108     1'14"     108     1'14"       108     108     108     108     10       108     108     108     108       108     108     108     108	Bearing deemed requirem size and requirem size and reactions 15000#.7 retained reactions Signatur	ROC RUS ceilly R Fayet Phon Fax: reactions to comply the tables of compl	OF & SES oad In teville e: (910) (910) less thar o contract derived f determin of wood s than 300 determin of wood s thas supple det sup	k FL k B dustr (, N.C. 0) 864 864-4 b or equal persoription shall r or shall r or shall r or or equal persoription shall r or or equal person the person shall r or or equal person the person person the person the person person the person the person person the person the person person the person the person the person person the person the person the person the person the person person the person t	I to 3000# tive Code refer to the rescriptivi imum fou uired to size on for any d in the a conal shale m for all Quick Uick CK STU Uick CK STU CK STU	A AS AS rk e re e code indation upport than II be y tttached I be I be
J08     1' 10 1/2"       j08     1' 10 1/2"       j08     1' 10 1/2"       j08     0       j09     0 </td <td>Lillington / Harnett</td> <td>Lot 162 Ballard Woods</td> <td>Roof</td> <td>09/20/22</td> <td>Curtis Quick</td> <td>Anthony Williams</td>	Lillington / Harnett	Lot 162 Ballard Woods	Roof	09/20/22	Curtis Quick	Anthony Williams
	CI TY / CO.	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALES REP.
C1     b       C1     b       N     C1       N     C1       OH     C1GE	Watermark Homes	Lot 162 Ballard Woods	Eucalyptus	11/4/20	Ouote #	J0922-4792

	Conne	ctor Info	rmati	on	Nail Info	ormation
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
83	HJC26	USP	З	Varies	16d/3-1/2"	10d/3"
	HUS26	USP	2	Varies	16d/3-1/2"	16d/3-1/2"
8	THD28-2	USP	1	Varies	16d/3-1/2"	10d/3"

		Beam Legend			
PlotID	Length	Product	Plies	Net Qty	Fab Type
GDH	23' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF

15000#. retained reaction Tables. retained	s greater A register to design that exce A register to design s that exc	ed design the supp eds those ed design the supp	n profess oort syste e specifie n professi oort syste	ional shal m for any d in the a onal shal	l be / ttached						
<sub>Signature</sub> Curtis Quick Curtis Quick											
Curtis Quick											
		ON TABL	ES R502.5(1	() & (b))							
		HEADER	/GTRDER								
END REACTON (UP 10)	REQ'O STUDS FOR (2) PLY HEADER	END REACTION (UP TO)	REQ15 STURS FOR (3) ALY HEADER	END REACTION	OF 101 REQ15 STUDS FOR (4) PLV HEADER						
1700	1	2550	) 1	340	00 1						
3400 5100 6800	2 3 4	5100 7650 10200	3	680 1020 1360	00 3						
8500 10200	5 6	12750 15300		1700	00 5						
11900 13600 15300	7 8 9										
	7										
	ds										
nett	Wood				S						
	ard \			<u>×</u>	lliam						
) no	2 Ball		,22	Quic	y Wi						
lingt	Lot 162 Ballard	Roof	/20/	rtis (	thon						
CI TY / CO. Lillington / Har		Ro	DATE REV. 09/20/22	DRAWN BY Curtis Quick	SALES REP. Anthony Willian						
/ co	ADDRESS	_	REV	/N B'	s rei						
IΤΥ	DDR	MODEL	ATE	RAM	ALE						
С	A	2			S						
	S										
SS	Vood										
Watermark Homes	ard V	tus									
ark I	Balla	The Eucalyptus		#	J0922-4792						
term	162	Euc	4/20	Quote #	,22-						
Wa	AME Lot 162 Ballard Woods	The	DATE 11/4/20	Quc	50r						
8	ME		λTE	E #							
LDER	NA	Z	L D/	ЭТЕ	#						
BUI	JOB	PLAI	SEA	auc	JOB						
These t	A TRUSS russes ar nents to b	e designe	ed as indi	vidual bui	ilding						
design See ind identifie	at the spe ividual de ed on the	ecification sign she placemer	of the biets for ea	uilding de ch truss o g. The bui	signer. design						
perman for the support	er is respo ent bracin overall structure	ng of the ructure. T e includin	roof and he design g headers	floor syst n of the tr s, beams,	uss walls,						
designe consult	umns is t er. For gen BCSI-B1 elivery pa	neral guid and BCS	lance reg I-B3 prov	arding braided with	acing, the						



= Denotes Left End of Truss (Reference Engineered Truss Drawing) Do Not Erect Trusses Backwards

All Truss Reactions are Less than 3,000 lbs. Unless Noted Otherwise.

-- Denotes Reaction Greater than 3,000 lbs.

<u>Truss</u> <u>Placement</u> <u>Plan</u> SCALE: 3/16" = 1'

10°     2'0°     2'0°     2'0°     2'0°     2'0°     2'0°     2'0°     1'101/2"       108     1'14"     108     1'14"     108     1'14"       108     108     108     108     10       108     108     108     108       108     108     108     108	Bearing deemed requirem size and requirem size and reactions 15000#.7 retained reactions Signatur	ROC RUS ceilly R Fayet Phon Fax: reactions to comply the tables of compl	OF & SES oad In teville e: (910) (910) less thar o contract derived f determin of wood s than 300 determin of wood s thas supple det sup	k FL k B dustr (, N.C. 0) 864 864-4 b or equal persoription shall r or mall r profession out syste e specifie profession out syste e specifie profession out syste cont syste co	I to 3000# tive Code refer to the rescriptivi imum fou uired to size on for any d in the a conal shale m for all Quick Uick CK STU Uick CK STU CK STU	A AS AS rk e re e code indation upport than II be y tttached I be I be
J08     1' 10 1/2"       j08     1' 10 1/2"       j08     1' 10 1/2"       j08     0       j09     0 </td <td>Lillington / Harnett</td> <td>Lot 162 Ballard Woods</td> <td>Roof</td> <td>09/20/22</td> <td>Curtis Quick</td> <td>Anthony Williams</td>	Lillington / Harnett	Lot 162 Ballard Woods	Roof	09/20/22	Curtis Quick	Anthony Williams
	CI TY / CO.	ADDRESS	MODEL	DATE REV.	DRAWN BY	SALES REP.
C1     b       C1     b       N     C1       N     C1       OH     C1GE	Watermark Homes	Lot 162 Ballard Woods	Eucalyptus	11/4/20	Ouote #	J0922-4792

	Conne	ctor Info	rmati	on	Nail Info	ormation
Sym	Product	Manuf	Qty	Supported Member	Header	Truss
83	HJC26	USP	З	Varies	16d/3-1/2"	10d/3"
	HUS26	USP	2	Varies	16d/3-1/2"	16d/3-1/2"
8	THD28-2	USP	1	Varies	16d/3-1/2"	10d/3"

		Beam Legend			
PlotID	Length	Product	Plies	Net Qty	Fab Type
GDH	23' 0"	1-3/4"x 11-7/8" LVL Kerto-S	2	2	FF

15000#. retained reaction Tables. retained	s greater A register to design that exce A register to design s that exc	ed design the supp eds those ed design the supp	n profess oort syste e specifie n professi oort syste	ional shal m for any d in the a onal shal	l be / ttached						
<sub>Signature</sub> Curtis Quick Curtis Quick											
Curtis Quick											
		ON TABL	ES R502.5(1	() & (b))							
		HEADER	/GTRDER								
END REACTON (UP 10)	REQ'O STUDS FOR (2) PLY HEADER	END REACTION (UP TO)	REQ15 STURS FOR (3) ALY HEADER	END REACTION	OF 101 REQ15 STUDS FOR (4) PLV HEADER						
1700	1	2550	) 1	340	00 1						
3400 5100 6800	2 3 4	5100 7650 10200	3	680 1020 1360	00 3						
8500 10200	5 6	12750 15300		1700	00 5						
11900 13600 15300	7 8 9										
	7										
	ds										
nett	Wood				S						
	ard \			<u> </u>	lliam						
) no	2 Ball		,22	Quic	y Wi						
lingt	Lot 162 Ballard	Roof	/20/	rtis (	thon						
CI TY / CO. Lillington / Har		Ro	DATE REV. 09/20/22	DRAWN BY Curtis Quick	SALES REP. Anthony Willian						
/ co	ADDRESS	_	REV	/N B'	s rei						
IΤΥ	DDR	MODEL	ATE	RAM	ALE						
С	A	2			S						
	S										
SS	Vood										
Watermark Homes	ard V	tus									
ark I	Balla	The Eucalyptus		#	J0922-4792						
term	162	Euc	4/20	Quote #	,22-						
Wa	AME Lot 162 Ballard Woods	The	DATE 11/4/20	Quc	50r						
8	ME		λTE	E #							
LDER	NA	Z	L D/	ЭТЕ	#						
BUI	JOB	PLAI	SEA	auc	JOB						
These t	A TRUSS russes ar nents to b	e designe	ed as indi	vidual bui	ilding						
design See ind identifie	at the spe ividual de ed on the	ecification sign she placemer	of the biets for ea	uilding de ch truss o g. The bui	signer. design						
perman for the support	er is respo ent bracin overall structure	ng of the ructure. T e includin	roof and he design g headers	floor syst n of the tr s, beams,	uss walls,						
designe consult	umns is t er. For gen BCSI-B1 elivery pa	neral guid and BCS	lance reg I-B3 prov	arding braided with	acing, the						

is	Design	Client: Project: Address:	Watermark F	lomes		Jol	out by:	8/10/202 Curtis Q : Lot 21 S J0821-4	uick pring Bra	nch				Page 1 of
GDH I	Kerto-S LV	L 1.750"	X 11.87	5" 2	-Ply - P	ASSEC	<b>)</b>	evel: Level.	I					
				2										
• •	· ·	1	•	•	•			3	•	·	•	•	M	1
1 SPF			•	•	•		•	Tack .			2 SPF		M	11 7/8"
				16'10' 16'10									3	1/2"
/lember Inf	formation					Reaction	s UNF	ATTERN	IED Ib	(Uplift)				
Type: Plies: Moisture Conc Deflection LL: Deflection TL: Importance:	Girder 2 lition: Dry 480 360 Normal - II	Buildir	n Method: A ng Code: I Sharing: N	<sup>-</sup> loor ASD BC 2012 No Not Checked	1	Brg Direc 1 Vertic 2 Vertic	cal	Live 337 337		Dead 877 877		w 0 0	Wind 0 0	Cor
Temperature:	Temp <= 100°F	-				Popringo								
						Bearings Bearing 1 - SPF	Length 3.500"	Vert	23%	React D/L I 877 / 33	57 13	214 L	. Case	Ld. Com D+L
nalysis Re	sults					2 - SPF	3.500"	Vert	23%	877 / 33	67 1	214 L		D+L
	5365 ft-lb 5365 ft-lb 1087 lb 0.070 (L/2809)	Location         Allowed           8'5"         19911 ft-lb           8'5"         6063 ft-lb           15'6 5/8"         8867 lb           8'5 1/16"         0.409 (L/44)           8'5 1/16"         0.546 (L/36)		6) D+L 6) D+L 6) L	Case L L L L									
Design Not	es					1								
may also be 2 Fasten all p to exceed 6 3 Refer to las 4 Girders are 5 Top loads m 6 Top must be 7 Bottom must	port to prevent latera e required at the interi- lies using 2 rows of 1 ". t page of calculations designed to be suppor- tust be supported eque e laterally braced at e st be laterally braced at derness ratio based of	or bearings by the bu 0d Box nails (.128x3" for fasteners required orted on the bottom en Jally by all plies. nd bearings. at end bearings.	ilding code. ) at 12" o.c. Ma d for specified le	ximum end										
ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snov	w 1.15	Wind 1.	6 Const.	1.25	Comm	ents	
1	Tapered Start End	0-0-0 8-5-0	1.0.0	Тор	45 PLF 135 PLF	0 PLF 0 PLF		0 PLF 0 PLF	0 PL 0 PL	F (	) PLF ) PLF	Gable		
2 3	Tie-In Tapered Start	0-0-0 to 16-10-0 8-5-0	1-0-0	Тор Тор	5 PSF 135 PLF	40 PSF 0 PLF		0 PSF 0 PLF	0 PS 0 PL		) PSF ) PLF	Roof Gable		
J	End Self Weight	8-5-0 16-10-0		юр	45 PLF 9 PLF	0 PLF		0 PLF 0 PLF	0 PL		) PLF	Jane		
structural adequacy of design criteria and responsibility of the c ensure the compone application, and to veri Lumber 1. Dry service condition	Designs is responsible only of t of this component based on t loadings shown. It is t ustomer and/or the contractor ent suitability of the intend fy the dimensions and loads. ons, unless noted otherwise led with fire retardant or corrosi	he 1. LVL beams must not be he 2. Refer to manufactu to regarding installation fastening details, bear approvals 3. Damaged Beams must 4. Design assumes top ec 5. Provide lateral suppor	cut or drilled irrer's product infoi requirements, n strength values, an not be used ge is laterally restrainet t at bearing points to	pono mation julti-ply d code d v avoid	flat roofs provide p ding s design is valid		Jevent	Manufactur Metsä Wooc 301 Merritt 7 Norwalk, CT (800) 622-58 www.metsav	1 7 Building, 7 06851 850		100 Fay US/ 283	etteville, NG A 14 -864-TRUS		ech

	Client: Watermark Homes Project: Address:	Date: Input by: Job Name: Project #:	8/10/2021 Curtis Quick : Lot 21 Spring Branch J0821-4853	Page 2 of 2
GDH Kerto-S LVL 1	.750" X 11.875" 2	-Ply - PASSED	evel: Level	
· · · · ·		· · · · ·	· · ·	
1 SPF			2	
	16'10" 16'10'			{3 1/2"
Multi-Ply Analysis				
Fasten all plies using 2 rows of 10d E Capacity 0.0 %	Box nails (.128x3") at 12" o.c	Maximum end distance no	t to exceed 6".	
Load 0.0 % Yield Limit per Foot 163.7 PLF				
Yield Limit per Fastener 81.9 lb. Yield Mode IV				
Edge Distance 1 1/2" Min. End Distance 3"				
Load Combination Duration Factor 1.00				
Notas chemic	ale e "	flat roofs provide proper drainage to prevent	Manufacturer Info	Comtech, Inc.
Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor en- regard	g & Installation pond ams must not be cut or drilled to manufacturer's product information ng installation requirements, multi-ply	ing	Metsä Wood 301 Merritt 7 Building, 2nd Floor Norwalk, CT 06851	1001 S. Reilly Road, Suite #639 Fayetteville, NC USA 28314 910-864-TRUS
ensure the component suitability of the intended application, and to verify the dimensions and loads. Lumber 1. Dry service conditions, unless noted otherwise Dry service source conditions, unless noted otherwi	g details, beam strength values, and code als ed Beams must not be used assumes top edge is laterally restrained ! lateral support at bearing points to avoid		(800) 622-5850 www.metsawood.com/us	соттесн
	displacement and rotation This	s design is valid until 5/24/2024		