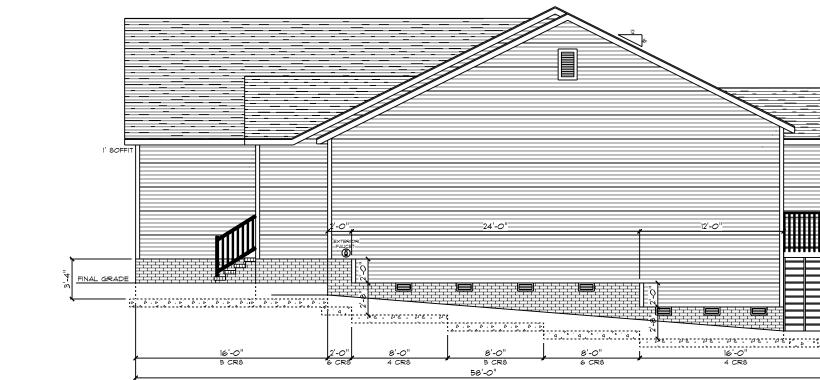
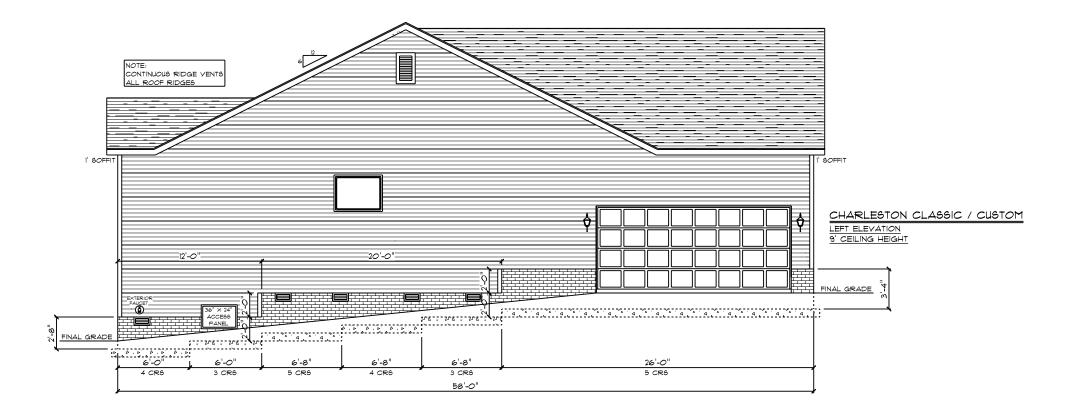


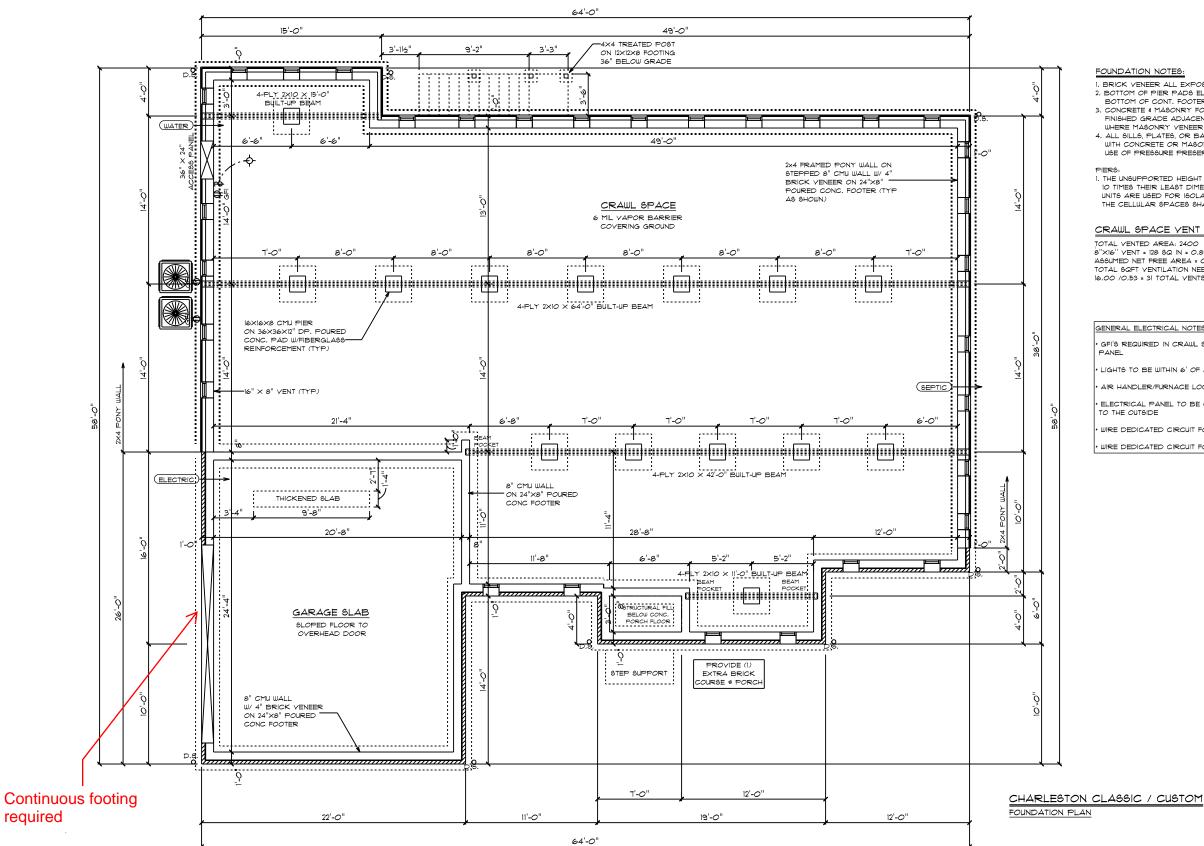
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CHARLESTON CLASSIC / CUSTOM FRONT ELEVATION 3' CEILING HEIGHT NOTES: CONTINUOUS RIDGE VENTS ALL ROOF RIDGES 4" WRAP AROUND DOORS 4 WIRAP AROUND DOORS 4 WIRAP AROUND DOORS 4 WIRAP AROUND DOORS 1 HOME TOP OF BONUS SUB FLOOR TOP OF MAIN FLOOR WALLS	DRAWN BY, DATE, DATE, 5/5/2023 SCALE: 1/8" = 1'.0" Duid: 9G	© IB32020 SCHWACHER LOTES OFERIORS, INC. ALL RIGHTS REBERVED. THE FLANS AND THE DESIGNE PHEODED HEREIN ARE THE PROFERT OF SCHWACHER HORDS OFERATIONS, INC. AND TIS AFFLIATES (SCHWACHER HORES). THESE PLANS ARE NOT OF BUBED TO SCHALT DESIMINE WORKS, TECHNICL ADAMINGS OF TO BULD. A STRUCTURE, REFRECOLED. COFIED, OR MODIFED. NUMCLE OR FARMING BULD. A STRUCTURE, REFRECOLED. COFIED, OR MODIFED. NUMCLE OR FARMING UNTHOUT THE EXPERSION BUTTO CONSINT OF SCHWACHER HOUES, AND BUCH UNTHOUT THE EXPERSION BITTO CONSINT OF SCHWACHER HOUES, AND BUCH UNTHOUT THE EXPERSION BITTO CONSINT OF SCHWACHER HOUES, AND BUCH UNTHOPTIZED USE OR COFING 16 A VIOLATION OF BUILD ATTER OF COFIENT LAU AND MAY REBULT IN DAMAGES N EXCESS OF 100000 PER ACT OF INFINGENTLAU
AND DOOR HEADERS	SQUARE FOOTAGES (2400)	CRAML 9FACE: 2400 INTE: 2400 BONUS ROOM: 253 GARAGE: 555 PORCH: 28
CTCE TO CONTRACTOR         More and eventual	CUSTOM BUILT FOR: CARLTON & ALVAMELODY CAPERS	JOB * DUTOO 023 0216 CN * 34598 VN * CA354 LOCATION: 630 5UNRIDGE RD. CAMERON, NC, 28326 HARNETT COUNTY
	Raleigh/Durham, NC	182 West Hamlin Road Benson, NC 21504 (811) 261-3482 www.schumacherhomes.com
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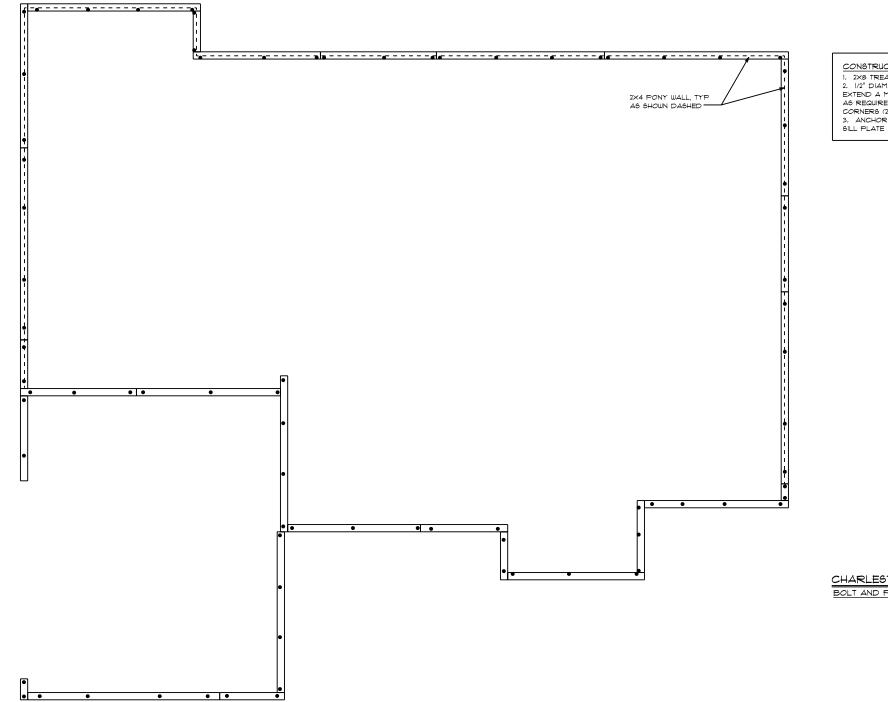




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CHARLESTON CLASSIC / CUSTOM RIGHT ELEVATION 9' CEILING HEIGHT	SQUARE FOOTAGES (2400) CRAWL SPACE: 2400 BIT FL. 2400 BONUS ROOM: 253 GARAGE: 555 PORCH: 28
	ausrom Bullt FOR: CARLTON 4 ALVAMELODY CAPERS Job *, DUTOO 023 0216 an *, 34598 vn *, CA354 LocaToN: 620 BUNRIDGE RD. CAMERON, NC, 26326 HARNETT COUNTY
	Raleigh/Durham, NC 182 West Hamlin Road Benson, NC 21504 (811) 261-3482 www.schumacherhomes.com
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FOUNDATION NOTES: I, BRICK VENEER ALL EXPOSED FOUNDATION 2. BOTTOM OF PIER PADS ELEVATION SHALL BE 2" BELOW BOTTON OF ONE PADE ELEVATION SHALL BE 2 BELOW BOTTON OF CONT. FOOTER ELEVATION.
 CONCRETE 4 MASONRY FOUNDATION WALLS SHALL EXTEND ABOVE FINISHED GRADE ADJACENT TO THE FOUNDATION A MIN. OF 4" WHERE MASONRY VENEER IS USED AND 6" MIN. ELSEWHERE. 4. ALL BILLS, PLATES, OR BAND JOISTS THAT REST ON OR IN CONTACT WITH CONCRETE OR MASONRY EXTERIOR WALLS SHALL REQUIRE THE USE OF PRESSURE PRESERVATIVE TREATMENT. ⋽₽₽₽₿₿₿₿ FIERS: I. THE UNSUPPORTED HEIGHT OF MASONRY PIERS SHALL NOT EXCEED IO TIMES THEIR LEAST DIMENSION. WHEN HOLLOW CONCRETE MASONRY UNITS ARE USED FOR ISOLATED PIERS TO SUPPORT BEAMS AND GIRDERS, THE CELLULAR SPACES SHALL BE FILLED SOLIDLY WITH CONCRETE. CRAWL SPACE VENT CALCULATIONS: 70TAL VENTED AREA: 2400 8"X16" VENT = 128 SQ IN = 0.89 SQFT 269UMED NET FREE AREA = 0.53 SQFT TOTAL SOFT VENTILATION NEEDED 2400 /150 = 16.00 16.00 /0.53 = 31 TOTAL VENTS 24 253 6РАСЕ 2400 R00M ЭЕ 555 GENERAL ELECTRICAL NOTES: CRAWL 16T FL: BONUS GARAG • GFI'S REQUIRED IN CRAWL SPACE @ ACCESS PANEL LIGHTS TO BE WITHIN 6' OF ACCESS PANEL AIR HANDLER/FURNACE LOCATED IN ATTIC ELECTRICAL PANEL TO BE GROUNDED WIRE DEDICATED CIRCUIT FOR SEPTIC WIRE DEDICATED CIRCUIT FOR WELL Raleigh/Durham, NC 182 West Hamlin Road Benson, NC 27504 (871) 267-3482 Laid Stunade



ратте: 5/5/2023 ВСАЦЕ: 1/8" = 1-0" рша: <b>4</b>	(C) 198-2023 SCULYACHER HOYES OF REATIONS, INC. ALL RIGHTS RESERVED. THE FLANS AND THE DEBIGNS FIRST DARFT HE REPERTY OF SCULVACHER HOYES OF REATIONS, INC. AND TIS AFFLIATED ("SCULVACHER HOYES"). THESE FLANS HOYES OF REATIONS, INC. AND TIS AFFLIATED ("SCULVACHER HOYES"). THESE FLANS HOYE STRUCTURE REPRODUCED. COFIED, OR HOOFIED, N WHOLE OR PART, UNITHOUT THE REPRODUCED. COFIED, OR HOOFIED, N WHOLE OR PART, NUMMURTED USE OR COFFING 16 & VIOLATION OF INTER COFFIGURAL THE AND MAY REBULT IN DAMAGES IN EXCERS OF 1000000 PER ACT OF INRENDER AND MAY REBULT IN DAMAGES IN EXCESS OF 1000000 PER ACT OF INRENDERD.
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SQUARE FOOTAGES (2400)	CRAUL BPACE: 2400 187 FL: 2400 BONUS ROOM: 253 4ARAGE: 555 PORCH: 28
custom built FoR. CAPER6	JOB *: DUTOO 023 0216         CN *: 34536         VN *: CA354           LOCATION:         330 BUNRIDGE RD:         CAMERON. NC. 28326           HARNETT COUNTY         28326
Raleigh/Durham, NC	182 West Hamlin Road Benson, NC 27504 (877) 267-3482 www.schumacherhomes.com
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CONSTRUCTION NOTES: 1. 2X8 TREATED SILL PLATE 2. 1/2" DIAM. X 18" L. ANCHOR BOLTS SHALL EXTEND A MINIMUM OF T" INTO MASONRY OR CONCRETE AS REQUIRED BY CODE = 6' O.C. AND 12" FROM ALL CORNERS (2 PER CORNER) 3. ANCHOR BOLTS TO BE LOCATED IN CENTER 1/3 OF SILL PLATE

CHARLESTON CLASSIC / CUSTOM BOLT AND PLATE PLAN

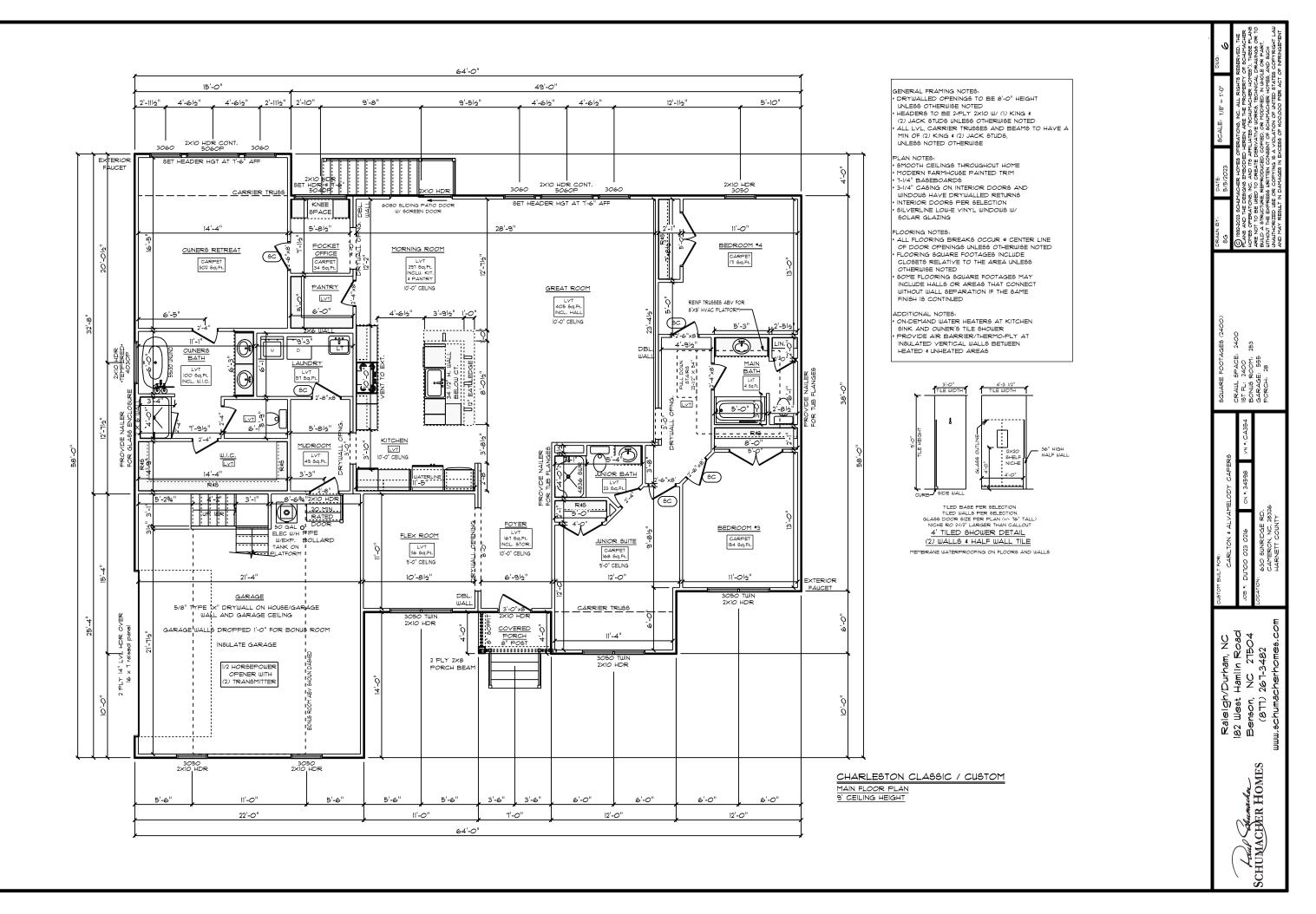
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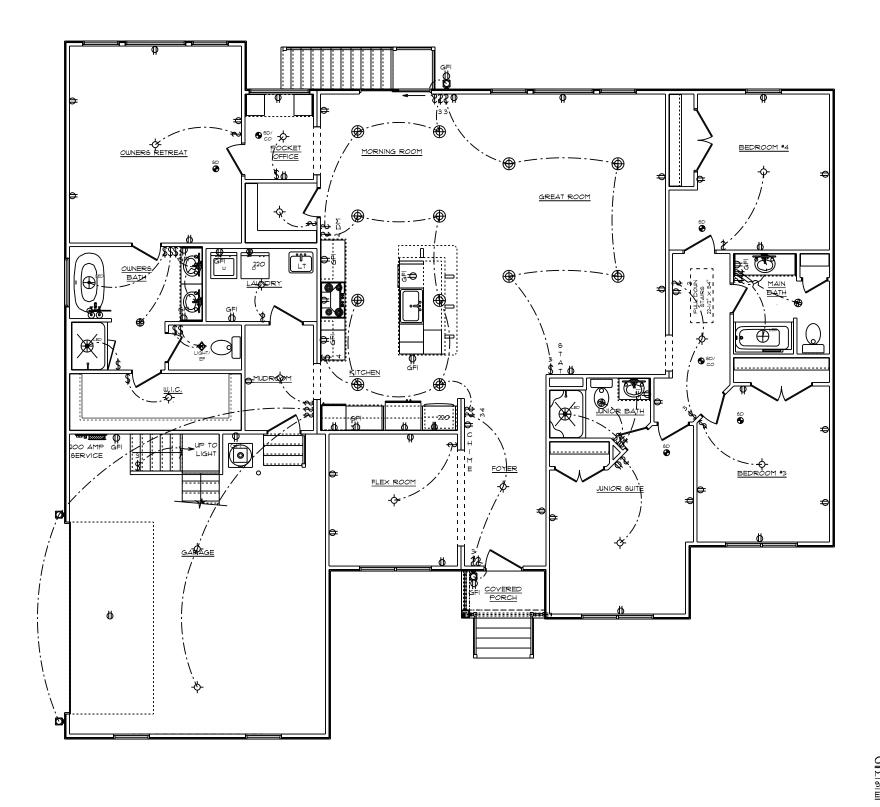
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	SCALE: 1/8" = 1'-0"	O 1992/2023 6C4UM4CHER HOMES OFERATIONS, INC. ALL RIGHTS RESERVED. THE EVAIS ADVID THE DESIONS INC. AND ITS PRODIED THEREIN ARE THE REPORTSTOF TO SCHUTACHER HOMES OFERATIONS, INC. AND ITS AFFILIATES ("SCHUTACHER HOMES"), THERE FLANS ARE NOT TO BE USED TO REALTE DESING. TECHNICL PRAIMINGS OR TO ARE NOT TO BE USED TO REALTE DESING. TECHNICL PRAIMINGS OR TO UNITO IT THE EVERSIES UNTITE CONSIDER TO ROOMFILE, IN UNACLE OR PART, UNITO IT THE PROPESSIE OF SCHOLATCHER HOMES, AND SICH AMENDATIER CONSIDER TO REALINGHACHER HOMES, AND SICH AMENDATIER CONSIDER TO REALINGHACHER HOMES AND SICH AMENDATIER CONSIDER TO REALINGHACHER HOMES AND SICH AMENDATIONEED USE OR COPYING IS A VICLATION OF UNITED FAITISE COPYINGIAT LUA AND MAY RESULT IN DAMAGES IN EXCERS OF 100/000 FER ACT OF INFRMEMENT
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	DRAWN BY: 6G	C 1932-2023 SCH PLANS AND THE I HOMES OPERATIC ARE NOT TO BE I BUILD A STRUCTU WITHOUT THE EXP UNAUTHORIZED US AND MAY REGUL
IING NOTES: AVE 14 1/2" BETWEEN EACH END JOIST & RIM JOIST > ALLOW FOR INSULATION. SULATE ALL FRAMED CHANNELS & CORNERS; ALSO, EMIND EACH TUB AND SHOWER UNIT STALL ALL TRUSSES, I-JOISTS, LVL'S AND BEAMS PER ANUFACTURER SPECIFICATIONS AND LAY OUTS. DO NOT UT, NOTCH OR BORE WITHOUT EXACT SPECIFICATIONS. LL FRAMING TO BE SOUTHERN YELLOW PINE NO. 2 OR REATER UNLESS NOTED OTHERWISE OUBLE JOISTS SHOULD BE LOCATED UNDER ALL ARTITIONS WHEN THE LENGTH OF THE PARTITION KCEEDS 1/2 THE SPAN OF THE JOIST ILL FRAMING TO BE BEOUTHERLACES & SOLID SURFACE ISLANDS LL DECK MATERIAL TO BE TREATED ROVIDE DOUBLE 2XIO RIM JOIST WHEN RIM JOIST RUNS PARALLEL JOISTS ROVIDE 2XS X PIER WIDTH TREATED BEARING PLATE © INTERIOR PIERS	SQUARE FOOTAGES (2400)	CRAUL 6PACE: 2400 4354 (BT FL: 2400 BONU6 ROOM: 253 4ARAGE: 555 PORCH: 28
	CAPERS	4598 VN *, CA354

### CHARLESTON CLASSIC / CUSTOM MAIN FLOOR JOIST PLAN

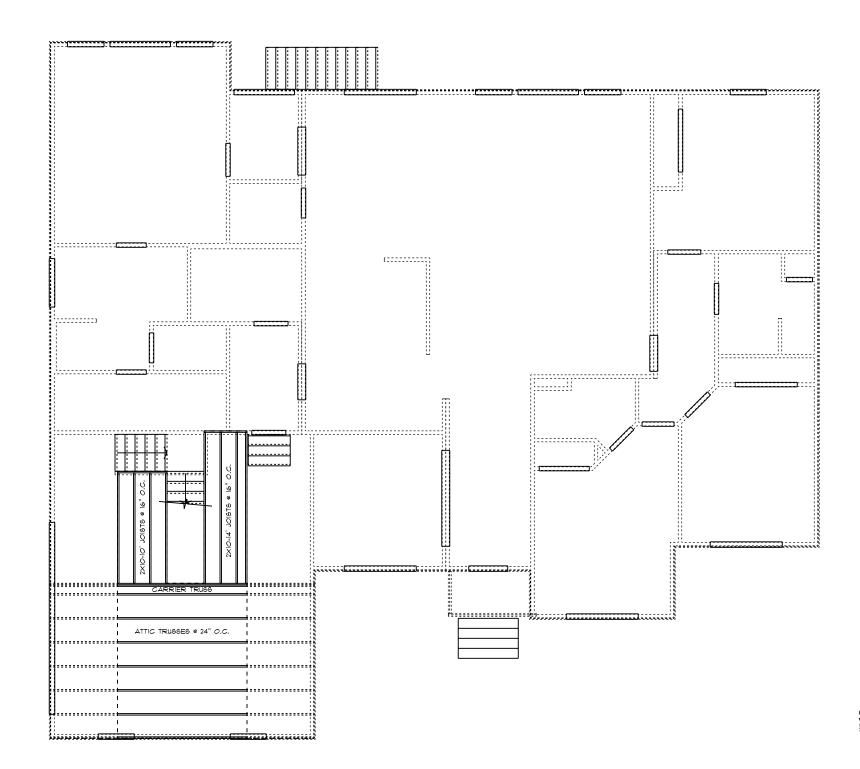
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SQUARE FOOTAGES (2400)			BONUS ROOM: 253	GARAGE: 555 PORCH: 28				
	ER6	CN *: 34598 VN *: CA354						
	AMELODY CAPE	CN *: 34598		Ċ,	070			
	CARLTON ≰ ALVAMELODY CAPERS	9120 033 0316		LOCATION: 630 SUNRIDGE RD. CAMERON, NC, 28326 HARNETT COUNTY				
			Denson, NG 21504	(877) 267-3482	www.schumacherhomes.com			
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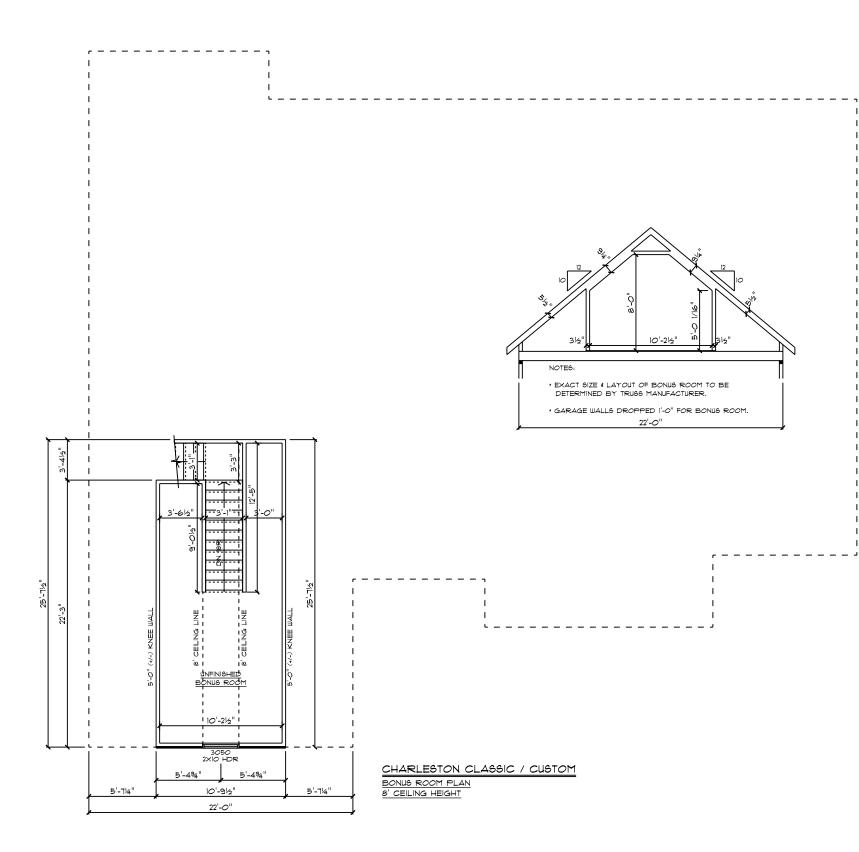
GENERAL ELECTRICAL NOTES: • (1) EXISTING SWITCH UPGRADED TO A 3-WAY SWITCH, (1) ADDITIONAL 3-WAY SWITCH AND (1) COACH LIGHT WIRED TO A STANDARD SWITCH ARE INCLUDED WHEN A	DRAWN BY: DATE: 3CALE: 1/8" = 1:0" DWG: 5.6/2023	Restores ecumacuere Homes operations, INC. All relative reservers, the FOLANG AND THE PERGIASE Instruction Reperternt of a columnication Homes of preaking in the prediction relation of the prediction of the Homes of the prediction relation of the prediction of the Homes of the prediction of the prediction of the Homes of the prediction of the prediction of the BILLD a Structure, represolved to copied to ecumination of BILLD a structure represolved to copied to a thirthout the represolved to copied to ecumination of the Munitum the represolved to a copy of a solution of the Munitum the represolved to a copy of a solution of the Munitum the represolved to a copy of a mutual the representation of the Munitum the Munitum the representation of the Munitum the Mu
GARAGE SERVICE DOOR IS PURCHASED (1) COACH LIGHT, (1) SWITCH, AND (1) GFI OUTLET ARE INCLUDED WHEN ANY ADDITIONAL DOOR IS PURCHASED, EXCLUDING THE GARAGE SERVICE DOOR ALL SMOKE DETECTORS TO BE INTERCONNECTED WITH BATTERY BACKUP E3902.11 ARC-FAULT CIRCUIT-INTERRUPTER PROTECTION ALL BRANCH CIRCUITS THAT SUPPLY 102-VOLT, SINGLE -PHASE, IS- AND 20-AMPERE OUTLETS INSTALLED IN FAMILY ROOMS, DANLORS, BUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS AND SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A COMBINATION TYPE ARC-FAULT CIRCUIT INTERRUPTER INSTALLED TO PROVIDE PROTECTION OF THE BRANCH	SQUARE FOOTAGES (2400)	CRAWL SPACE: 2400 16T FL: 2400 BONUS ROOM: 253 GARAGE: 355 FORCH: 28
CIRCUIT. 'GARAGE DOOR LOW VOLTAGE WIRING BY ELECTRICIAN 'TWO SEPARATE KITCHEN GENERAL ELECTRIC OUTLET CIRCUITS FED BY NUMBER 12 WIRE AND ON 20 AMP BREAKERS REQUIRED IN KITCHEN • ALL OUTLETS INSTALLED IN BATHROOMS, GARAGES, 4 UNFINISHED BASEMENTS SHALL HAYE GFCI PROTECTIONS ALLONG WITH OUTLETS LOCATED W/IN 6'-O" OF LAUNDRY, UTILITY 4 WET BAR SINKS 4 ALL OUTLETS SERVING KITCHEN COUNTERTOP SURFACES • ALL OUTLETS TO BE PLACED PER CODE • MOUNTING HEIGHTS • VANITY LIGHTS; 80" AFF • UAALL SCONCES: 66" AFF • PENDANT LIGHTS; 66" AFF • CHANDELLERS (TO BTM OF FIXTURE) • FOYER OVER 9' CLG; 90" • FOYER OVER 9' CLG; 90"	CUBTOM BUILT FOR: CARLTON & ALVAMELODY CAPERS	JOB *         DUTOO         023         0216         KN *: CA354           LOCATION:         630         630         900         870         870           LOCATION:         630         900         870         8326         940           LATERON:         630         800         800         800         800         800
ADDITIONAL ELECTRICAL NOTES: • CABLE & PHONE TO BE LOCATED AT ELECTRICAL WALK-THRU • INSTALL ALL BATHROOM LIGHT FIXTURES WITH GLOBES FACING UP	Raleigh/Durham, NC	182 West Hamlin Road Benson, NC 27504 (871) 267-3482 www.schumacherhomes.com
ARLESTON CLASSIC / CUSTOM N FLOOR PLAN EILING HEIGHT CTRICAL PLAN		Lauf Qumache SCHUMACHER HOMES

CHARLEGTON C MAIN FLOOR PLAN 9' CEILING HEIGHT ELECTRICAL PLAN

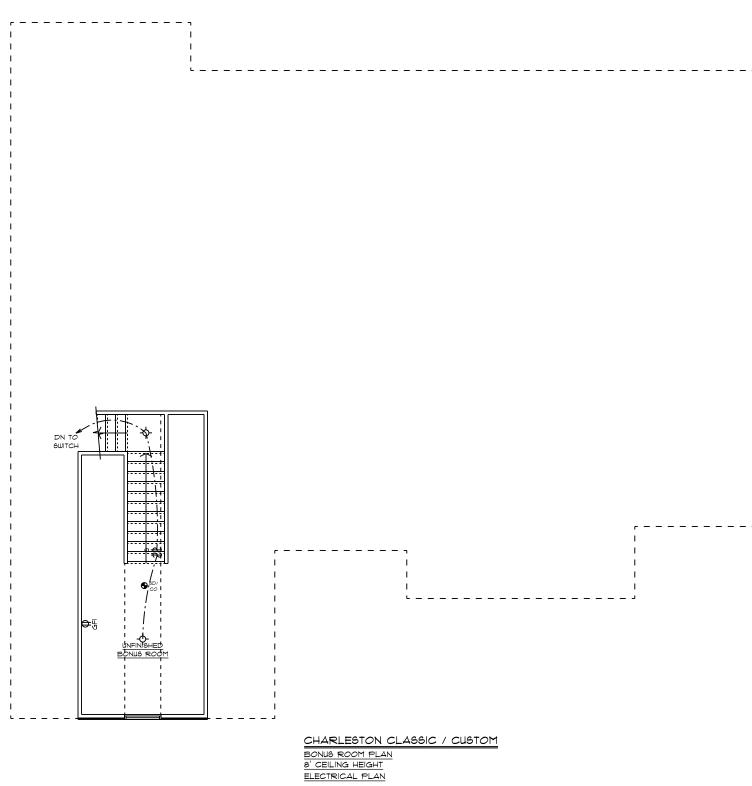


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CUSTOM BUILT FOR. CARLTON 4 ALVAMELODY CAPERS	JOB * DUTOO 023 0216 CN * 34598 VN *, CA354 LOCATON. 630 BUNRIDGE RD. CAMERON, NC, 28326 HARNETT COUNTY
Raleigh/Durham, NC	182 West Hamlin Road Benson, NC 27504 (871) 267-3482 www.schumacherhomes.com
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CHARLESTON CLASSIC / CUSTOM BONUS ROOM JOIST PLAN

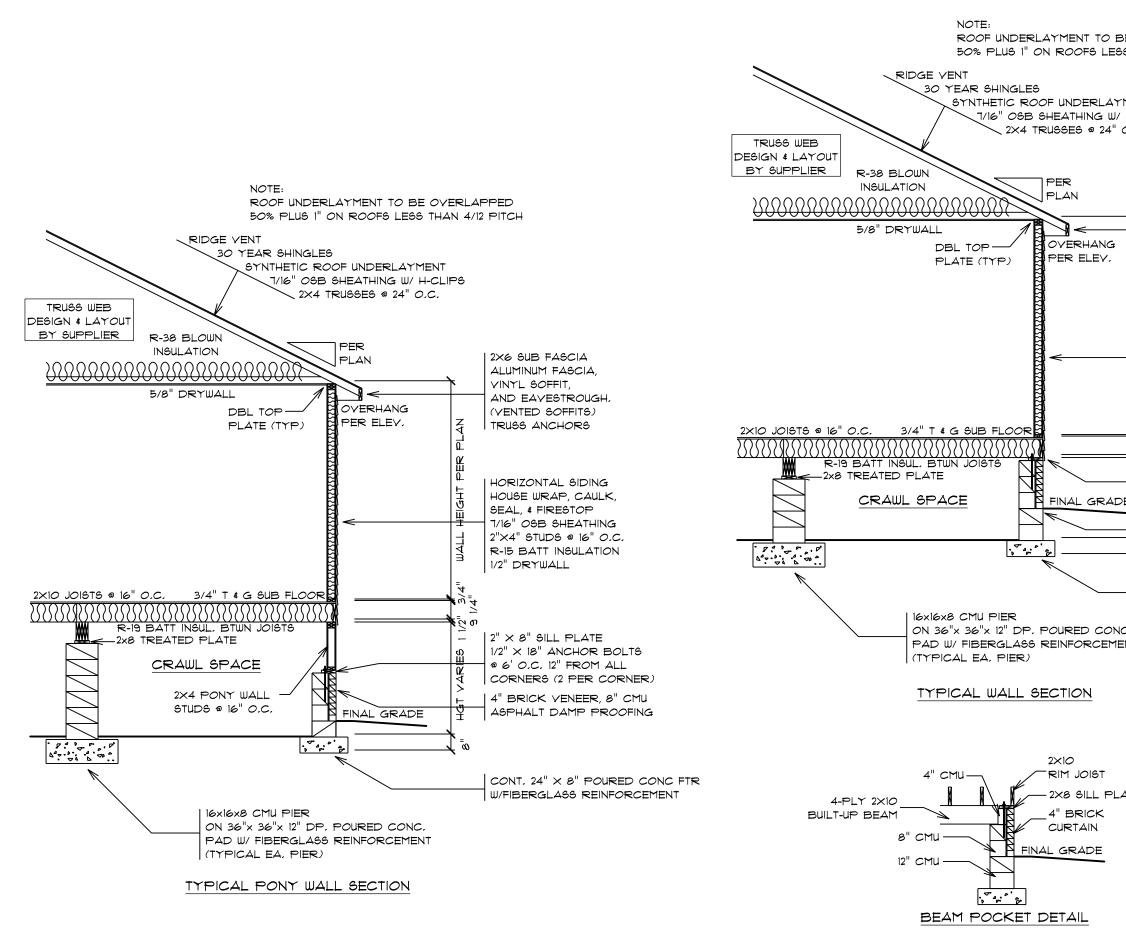


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CUSTOM BUILT FOR: CARLTON ≰ ALVAMELODY CAPERS	JOB • DUTOO 023 0216 CN • 34598 VN • CA354 LOCATION: 620 SUNRIDGE RD. CAMERRON, NC 28326 HARNET COUNT
Raleigh/Durham, NC	182 West Hamlin Road Benson, NC 27504 (871) 267-3482 www.schumacherhomes.com
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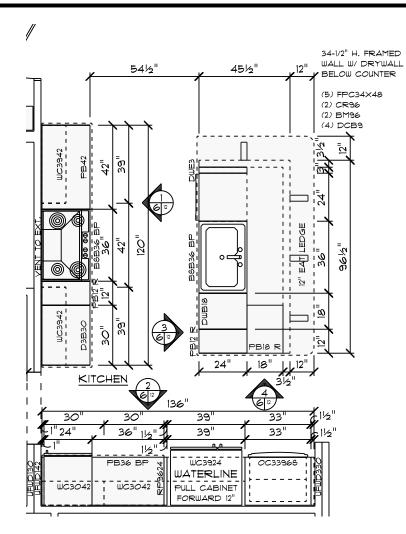


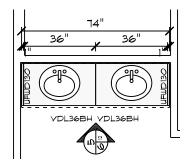
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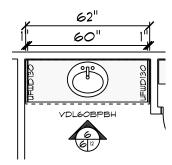
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MALL HEIGHT PER PLAN	HORIZONTAL SIDING HOUSE WRAP, CAULK, SEAL, & FIRESTOP 7/16" OSB SHEATHING 2"×4" STUDS @ 16" O.C. R-15 BATT INGULATION 1/2" DRYWALL	5QUARE FOOTAGES (2400)	CRAWL SPACE: 2400 GFT EL: 2400 BONUS ROOM: 253 GARAGE: 555 PORCH: 28
CONC.	2" X 8" SILL PLATE 1/2" X 18" ANCHOR BOLTS © 6' O.C. 12" FROM ALL CORNERS (2 PER CORNER) 4" BRICK VENEER, 8" CMU ASPHALT DAMP PROOFING CONT. 24" X 8" POURED CONC FTR W/FIBERGLASS REINFORCEMENT	CUBTOM BULT FOR: CARLTON 4 ALVAMELODY CAPERS	
		Raleigh/Durham, NC	182 West Hamlin Road Benson, NC 27504 (877) 267-3482 www.schumacherhomes.com
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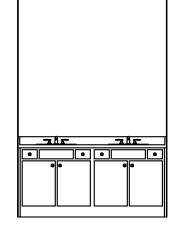




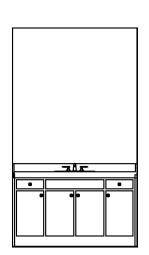


MAIN BATH

OWNER'S BATH



5 6<sup>12</sup>

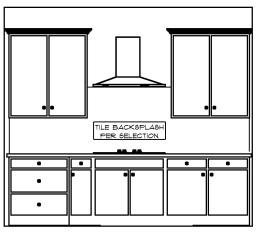


6 12

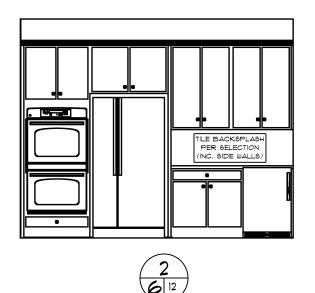


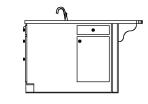


# CHARLESTON CLASSIC / CUSTOM CABINET DRAWING

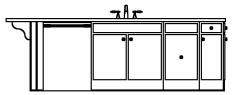
















31

30'

12/DEDE

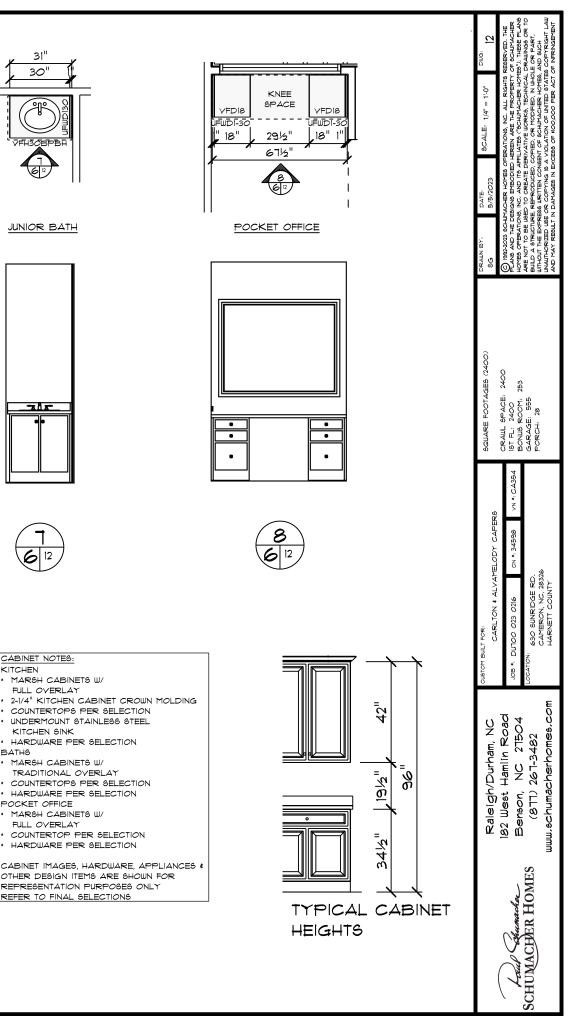


#### CABINET NOTES: KITCHEN

- MARSH CABINETS W/

- BATHS
- MARSH CABINETS W/ TRADITIONAL OVERLAY
- COUNTERTOPS PER SELECTION
- HARDWARE PER SELECTION
- POCKET OFFICE
- MARSH CABINETS W/ FULL OVERLAY
- COUNTERTOP PER SELECTION HARDWARE PER SELECTION

CABINET IMAGES, HARDWARE, APPLIANCES & OTHER DESIGN ITEMS ARE SHOWN FOR REPRESENTATION PURPOSES ONLY REFER TO FINAL SELECTIONS



## THE PACE IS FOR INFORMATION ONLY AND MAY CONTAIN PRODUCTS NOT PERTAINING TO THE PROJECT

					PAGE IS	FOR INFO	ORMATIC	N ONLY	AND M	IAY CON	TAIN PRO	DDUCTS NO	OT PERTAI	NING TO	THIS P	ROJECT	.)					
								Silverli	ne V1 Serie	es Single Hu	ng Windows										1	
R.O	36 1/2	38 1/2	40 1/2	42 1/2	44 1/2	46 1/2	48 1/2	50 1/2	52 1/2	54 1/2	56 1/2	60 1/2	62 1/2	64 1/2	66 1/2	72 1/2	74 1/2	78 1/2	80 1/2	84 1/2	I	
18 1/2	1630	1632			1638	16310	1640	1642	1644	1646	1648	1650	1652	1654	1656	1660	1662	1666		1670	1	
20 1/2	1830	1832			1838	18310	1840	1842	1844	1846	1848	1850	1852	1854	1856	1860	1862	1866		1870	1	
24 1/2	2030	2032	2034	2036	2038	20310	2040	2042	2044	2046	2048	2050	2052	2054	2056	2060	2062	2066		2070	1	
28 1/2	2430	2432			2438	24310	2440	2442	2444	2446	2448	2450	2452	2454	2456	2460	2462	2466		2470	1	
30 1/2	2630	2632	2634	2636	2638	26310	2640	2642	2644	2646	2648	2650	2652	2654	2656	2660	2662	2666		2670	1	
32 1/2	2830	2832	2834	2836	2838	28310	2840	2842	2844	2846	2848	2850	2852	2854	2856	2860	2862	2866		2870	1	
36 1/2	3030	3032	3034	3036	3038	30310	3040	3042	3044	3046	3048	3050	3052	3054	3056	3060	3062	3066	3068	3070	1	
38 1/2	3230	3232			3238	32310	3240	3242	3244	3246	3248	3250	3252	3254	3256	3260	3262	3266		3270	1	
40 1/2	3430	3432			3438	34310	3440	3442	3444	3446	3448	3450	3452	3454	3456	3460	3462	3466		3470	1	
42 1/2	3630	3632			3638	36310	3640	3642	3644	3646		3650	3652	3654	3656	3660	3662			3670	1	
44 1/2	3830	3832			3838	38310	3840	3842	3844	3846	3848	3850	3852	3854	3856	3860	3862	3866		3870	1	
48 1/2	4030	4032			4038	40310	4040	4042	4044	4046	4048	4050	4052	4054	4056	4060	4062	4066		4070	1	
BOLD TY	PE MEETS	EGRESS																				
UNDERLINE	D CALLOUT	S MEET EGR	RESS WITH CLEA	R OPENING HA	<u>ARDWARE</u>				Silverli	ne V3 Serie	s Twin Casen	nent Windows			Silverli	ne V3 Tripl	e Csmnt W	ndows		Silverli	ne Oval Wir	ndows
		Silverline	V3 Series Case	ment Window	S			R.O	41 1/4	48 1/2	57	63 1/4	72 1/8		R.O	61 1/2	72 3/8	85 1/8			Rough O	pening
R.O	18	21	24 5/8	28 7/8	34	36 7/16		24 5/8	C2-3420	C2-4020	C2-4820				24 5/8	C3-5120	C3-51120	C3-7020			Width	Height
24 5/8	C1-1520	C1-1820	C1-2020	C1-2420				28 7/8	C2-3424	C2-4024	C2-4824				28 7/8	C3-5124	C3-51124	C3-7024		OVL-2030	24 1/2	36 1/2
28 7/8	C1-1524	C1-1824	C1-2024	C1-2424	C1-2924			36 7/16	C2-34211	C2-40211	C2-48211	C2-52211	C2-511211		36 7/16	C3-51211	C3-511211	C3-70211		OVL-2434	28 1/2	40 1/2

SINDERENNED CALLOUTS WILLT EGRESS WITH CELAR OF ENING HARDWARE						
Silverline V3 Series Casement Windows						
R.O 18 21 24 5/8 28 7/8 34 36 7/1						36 7/16
24 5/8	C1-1520	C1-1820	C1-2020	C1-2420		
28 7/8	C1-1524	C1-1824	C1-2024	C1-2424	C1-2924	
36 7/16	C1-15211	C1-18211	C1-20211	C1-24211	C1-29211	C1-211211
41 5/16	C1-1534	C1-1834	C1-2034	C1-2434	<u>C1-2934</u>	C1-21134
48 1/2	C1-1540	C1-1840	C1-2040	<u>C1-2440</u>	<u>C1-2940</u>	C1-21140
53 5/16	C1-1544	C1-1844	C1-2044	<u>C1-2444</u>	<u>C1-2944</u>	C1-21144
60 3/8	C1-15411	C1-18411	C1-20411	<u>C1-24411</u>	<u>C1-29411</u>	C1-211411
65 5/16	C1-1554	C1-1854	C1-2054	<u>C1-2454</u>	<u>C1-2954</u>	C1-21154
72 3/8	C1-15511	C1-18511	C1-20511	<u>C1-24511</u>	<u>C1-29511</u>	C1-211511

	Silverline V3 Series Awning Windows						
R.O 25 5/8 28 7/8 32 36 7/16						41 1/4	48 1/2
	17 1/2	AW1-2015	AW1-2415	AW1-2715	AW1-21115	AW1-3415	AW1-4015
	21	AW1-2018	AW1-2418	AW1-2718	AW1-21118	AW1-3418	AW1-4018
	24 5/8	AW1-2020	AW1-2420	AW1-2720	AW1-21120	AW1-3420	AW1-4020
	28 7/8	AW1-2024	AW1-2424	AW1-2724	AW1-21124	AW1-3424	AW1-4024
	32		AW1-2427	AW1-2727	AW1-21127	AW1-3427	AW1-4027
	36 4/9			AW1-27211	AW1-211211	AW1-34211	AW1-40211

Silverline Sliding Door			
6068	72-1/4"x80-1/2"		

Hinged Patio Door Units		
Unit	Rough Opening	
3068	38 1/2" x 82 1/2"	
3080	38 1/2" x 98 1/2"	
6068	75 5/8" x 82 1/2"	
6080	75 5/8" x 98 1/2"	
9068	112 5/8" x 82 1/2"	
9080	112 5/8" x 98 1/2"	

Andersen 200 Narroline				
ing Patio Door				
Rough Opening				
72" x 80"				
141 3/4" x 80"				
72" x 96"				
141 3/4" x 96"				

Andersen 100 Patio Door				
Unit		Rough Opening		
6068		72" x 80"		
6080		72" x 96"		

Exterior Door with Sidelites				
	3'-0" w(1) 14" S.L.	54 5/8" X 82 1/2"		
	3'-0" w(2) 14" S.L.	69 5/8" X 82 1/2"		

	Silverline V3 Series Twin Casement Windows						
R.O	41 1/4	48 1/2	57	63 1/4	72 1/8		
24 5/8	C2-3420	C2-4020	C2-4820				
28 7/8	C2-3424	C2-4024	C2-4824				
36 7/16	C2-34211	C2-40211	C2-48211	C2-52211	C2-511211		
41 5/16	C2-3434	C2-4034	C2-4834	<u>C2-5234</u>	C2-51134		
48 1/2	C2-3440	C2-4040	<u>C2-4840</u>	<u>C2-5240</u>	C2-51140		
53 5/16	C2-3444	C2-4044	<u>C2-4844</u>	<u>C2-5244</u>	C2-51144		
60 3/8	C2-34411	C2-40411	<u>C2-48411</u>	<u>C2-52411</u>	C2-511411		
65 5/16	C2-3454	C2-4054	<u>C2-4854</u>				
72 3/8	C2-34511	C2-40511	<u>C2-48511</u>				

Silverline V3 Series Twin Awning Windows				
R.O	57	63 1/4	72 1/8	
17 1/2	AW2-4815	AW2-5215	AW2-51115	
21	AW2-4818	AW2-5218	AW2-51118	
24 5/8	AW2-4820	AW2-5220	AW2-51120	
28 7/8	AW2-4824	AW2-5224	AW2-51124	
32		AW2-5227	AW2-51127	
36 7/16			AW2-511211	

Fireplace Framing 36" WOOD BURNING EL36 W: 42" H: 40-1/4" D: 21-1/2" 42" WOOD BURNING EL42 W: 48" H: 40-1/4" D: 21-1/2"

36" DIRECT VENT NNXT33-1FT W: 39" H: 35" D: 19 5/8" 42" DIRECT VENT NNXT36-1FT W: 42" H: 35" D: 19 5/8" 36" MODERN GAS DV NEVO4236I W: 42" H: 40-1/4" D: 20-1/4"

42" RAVE DIRECT VENT RAVE42-IFT-B W: 50" H: 33-1/4" D: 18-1/4" 48" CRAVE DIRECT VENT CRAVE6048 W: 60-1/4" H: 42-1/2" D: 18-3/4" 60" CRAVE DIRECT VENT CRAVE7260-B W: 72-1/4" H: 48-1/2" D: 18-3/4"

HOLD FIREPLACE UP 2" TO ALLOW FOR STONE HEARTH IF APP. A PLYWOOD FLOOR IS REQUIRED ON ALL WOODBURNERS AT LEAST 6' HIGH TO BE INSTALLED BY FRAMERS 2X6 WRAP AT TOP OF CHASE

Silverline V3 Triple Csmnt Windows					
R.O		61 1/2	72 3/8	85 1/8	
2	4 5/8	C3-5120	C3-51120	C3-7020	
2	8 7/8	C3-5124	C3-51124	C3-7024	
36	7/16	C3-51211	C3-511211	C3-70211	
41	5/16	C3-5134	C3-51134	C3-7034	
4	8 1/2	C3-5140	C3-51140	<u>C3-7040</u>	
53	5/16	C3-5144	C3-51144	<u>C3-7044</u>	
6	60 3/8	C3-51411	C3-511411	<u>C3-70411</u>	

OVL-2838 OVL-3040 OVL-3050

	Window No	tes	Additi	onal Important Inforr	nation			
	1. TO CALCULATE THE R.O. FOR	A WINDOW	1. THERE IS NO ALLOWANCE IN ANY OF THE HEIGHT					
	WITH A TRANSOM, ADD BOTH	UNIT DIMENSIONS	DIMENSIONS					
	TOGETHER AND ADD 1/2".		FOR CARPET SHIM.	(PLEASE ADD ACCORD	DINGLY)			
	2. TO CALCULATE THE R.O. FOR	MULTIPLE UNITS,	2. BRICK OPENINGS	ARE 2-1/2" WIDER ANI	D 1-1/4" HIGHER			
	ADD BOTH ACTUAL UNIT DIM	TOGETHER	THAN ACTUAL UNIT	SIZE.				
i.e. 3050 TWIN = 72" WIDE RO			3. FOR 7' DOORS ADD 4" TO THE ACTUAL UNIT SIZE AND					
	3. FOR R.O.'S NOT LISTED, ADD	1/2" TO THE ACTUAL	ROUGH OPENING HEIGHT DIMENSIONS.					
	UNIT DIM FOR BOTH THE WID	TH AND HEIGHT	4. DO NOT STORE PR	E-HUNG UNITS OUTSI	DE.			
ĺ		Lintel So	chedule		1/2" or Equiv			
Size of Steel Angle No story Above			One story above	Two Stories Above	Reinforcing Bars			
	3 x 3 x 1/4	6'-0"	4'-6"	3'-0"	1			
	4 x 3 x 1/4	8'-0"	6'-0"	4'-6"	1			
	5 x 3-1/2 x 5/16	10'-0"	8'-0"	6'-0"	2			
	6 x 2 1/2 x 5/16	14' 0"	<u>۹'-6"</u>	7'_0"	2			

	Window Not	es	Additi	onal Important Inforn	nation			
۱LO	CULATE THE R.O. FOR A	WINDOW	1. THERE IS NO ALLOWANCE IN ANY OF THE HEIGHT					
١T	RANSOM, ADD BOTH U	JNIT DIMENSIONS	DIMENSIONS					
HE	R AND ADD 1/2".		FOR CARPET SHIM. (	PLEASE ADD ACCORD	INGLY)			
AL(	CULATE THE R.O. FOR N	ULTIPLE UNITS,	2. BRICK OPENINGS A	ARE 2-1/2" WIDER AND	0 1-1/4" HIGHER			
ΣТ	H ACTUAL UNIT DIM TO	OGETHER	THAN ACTUAL UNIT	SIZE.				
50	TWIN = 72" WIDE RO		3. FOR 7' DOORS ADD 4" TO THE ACTUAL UNIT SIZE AND					
R.C	.'S NOT LISTED, ADD 1	/2" TO THE ACTUAL	ROUGH OPENING HEIGHT DIMENSIONS.					
DIN	A FOR BOTH THE WIDT	H AND HEIGHT	4. DO NOT STORE PR	E-HUNG UNITS OUTSI	DE.			
		Lintel Sc	hedule		1/2" or Equiv			
	Size of Steel Angle	No story Above	One story above	Two Stories Above	Reinforcing Bars			
	3 x 3 x 1/4	6'-0"	4'-6"	3'-0"	1			
	4 x 3 x 1/4	8'-0"	6'-0''	4'-6"	1			
	5 x 3-1/2 x 5/16	10'-0"	8'-0''	6'-0"	2			
	6 x 3-1/2 x 5/16	14'-0"	9'-6"	7'-0"	2			
	(2) 6 x 3-1/2 x 5/16	20'-0"	12'-0"	9'-6"	4			

32 1/2

36 1/2

36 1/2

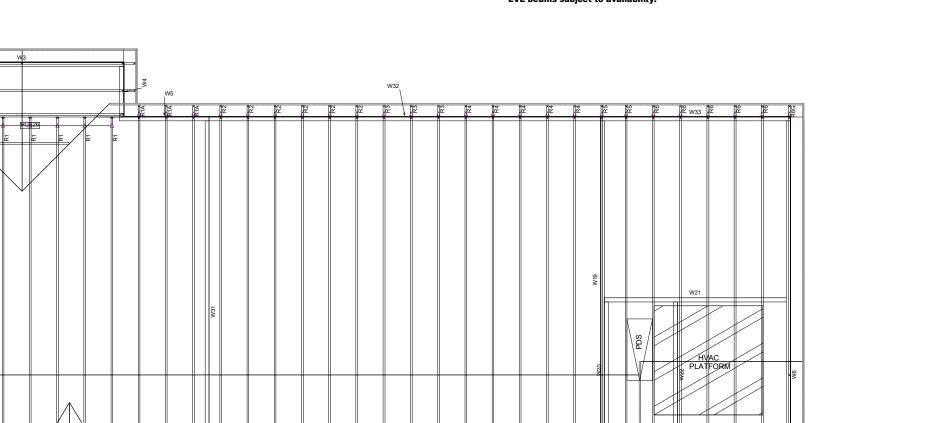
44 1/2

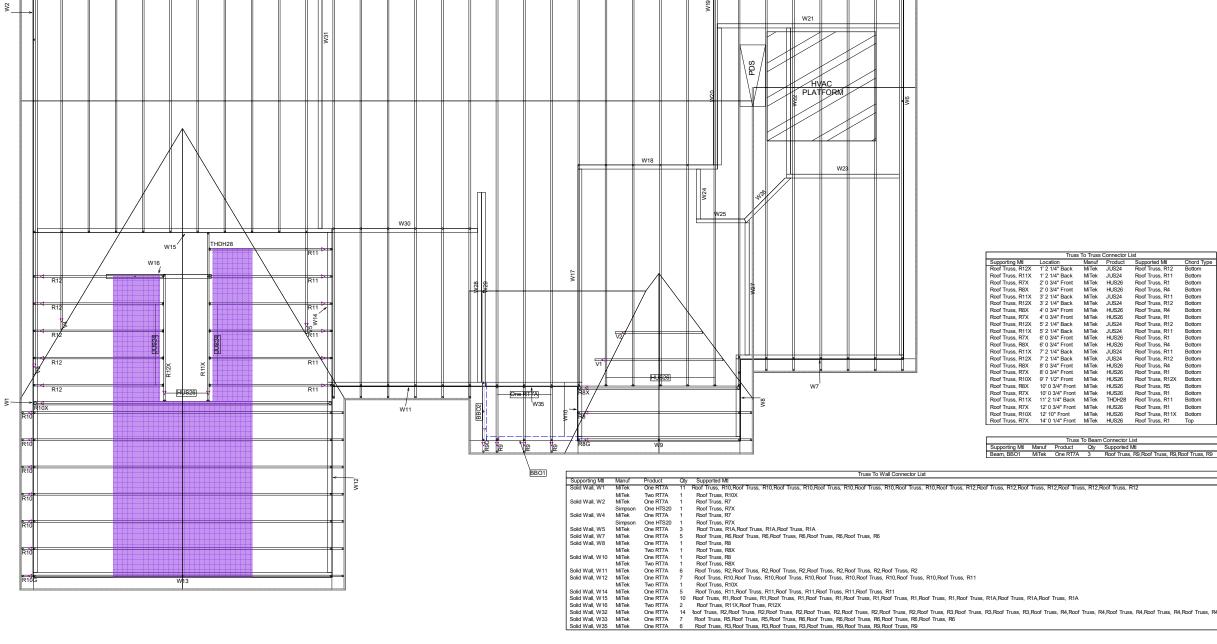
48 1/2

60 1/2

Miscellaneous Framing FRAME SOFFITS THE SAME HEIGHT AS DRYWALL OPENINGS. LEAVE 14-1/2" BETWEEN EACH END JOIST & RIM JOIST TO ALLOW FOR INSULATION. INSULATE ALL FRAMED CHANNELS & CORNERS AND BEHIND SHOWER & TUB UNITS. INSTALL FIREBLOCK FRAMING IN ALL STAIRWAY CEILINGS.

DATE: 5/5/2023 SCALE: 1/8" = 1'-0" [246:	© 1993-2023 SCHUMACHER HORES OPERATIONS, INC. ALL RIGHTS RESERVED. THE HANG SADT HE DEBIONS IN REPONDEN LIFERIN ARET IN REPORTING TO SCHUMACHER HORES OFERATIONS, INC. AND ITS AFFLIATES GENHALACHER HORES). THESE PLANG HANG THE BUEDT OF CHEATE DEBIONT, ELONGAL, TECHNICLAL PARAMISAS OF TO BULLD A BINGLINE, REPREDUCED, COFIED, OR MODIFED, NUMOLE OR PARAMISAS UNITOUT HE EXPRESS UBTION CONSIDT, OR SCHUMACHER HOURS, ND SICH UTHOUT HE EXPRESS UBTION CONSIDT, OR SCHUMACHER HOURS, ND SICH UNITORITIE USE OR COFING IS A VIOLATION OF NUTED STATES COPTREAT LUM AND MAY RESULT IN DAMAGES IN EXCESS OF 1000000 PER ACT OF INFRINGENT UM AND MAY RESULT IN DAMAGES IN EXCESS OF 1000000 PER ACT OF INFRINGENT
DRAWN BY: 6G	© 1992-2023 SCHUI PLANS AND THE DF HOMES OFERATION ARE NOT TO BE US BUILD A STRUCTURE UNLIHOUT THE EXPRI UNAUTHORIZED USE AND MAY RESULT I
SQUARE FOOTAGES (2400)	CRAUL BPACE: 2400 167 FL: 2400 BONUB ROOM: 253 4ARAGE: 555 PORCH: 28
CUBTOM BUILT FOR: CARLTON 4 ALVAMELODY CAPERS	JOB *: DUTOO 023 0216 CN *: 34598 VN *: CA354 
Raleigh/Durham, NC	182 West Hamlin Road Benson, NC 21504 (811) 261-3482 www.schumacherhomes.com
	Kall Quanada SCHUMACHER HOMES





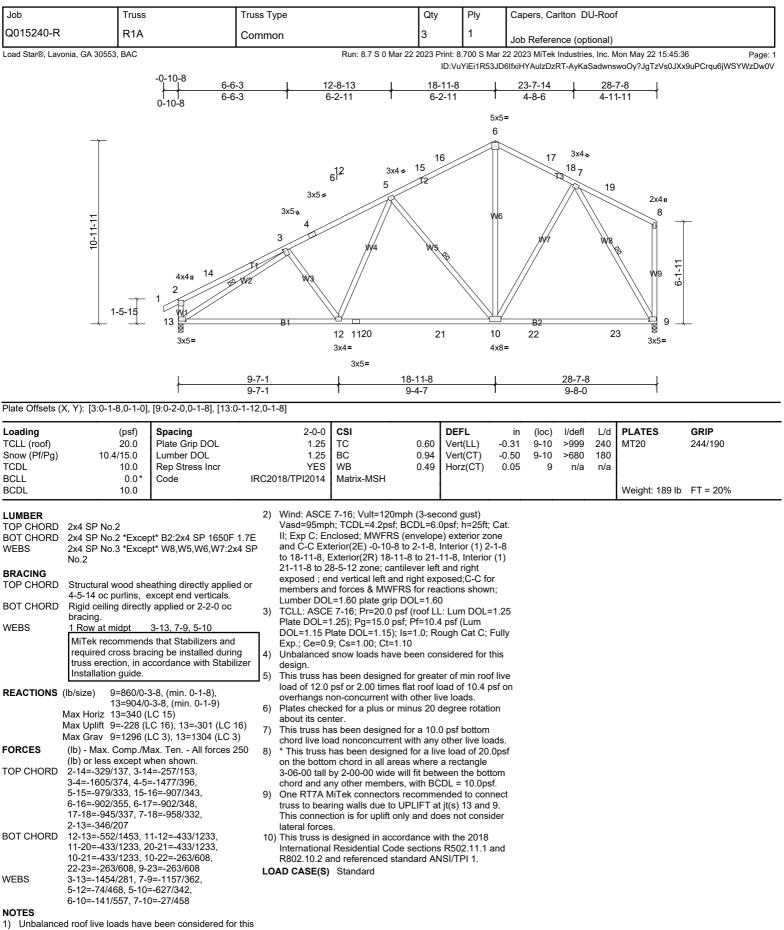
#### All dimensional material, typically indicated as SP or SPF, supplied by others. LVL beams subject to availability.

Truss	To Truss	Connector L	ist	
on	Manuf	Product	Supported Mtl	Chord Type
4" Back	MiTek	JUS24	Roof Truss, R12	Bottom
4" Back	MiTek	JUS24	Roof Truss, R11	Bottom
4" Front	MiTek	HUS26	Roof Truss, R1	Bottom
4" Front	MiTek	HUS26	Roof Truss, R4	Bottom
4" Back	MiTek	JUS24	Roof Truss, R11	Bottom
4" Back	MiTek	JUS24	Roof Truss, R12	Bottom
4" Front	MiTek	HUS26	Roof Truss, R4	Bottom
4" Front	MiTek	HUS26	Roof Truss, R1	Bottom
4" Back	MiTek	JUS24	Roof Truss, R12	Bottom
4" Back	MiTek	JUS24	Roof Truss, R11	Bottom
4" Front	MiTek	HUS26	Roof Truss, R1	Bottom
4" Front	MiTek	HUS26	Roof Truss, R4	Bottom
4" Back	MiTek	JUS24	Roof Truss, R11	Bottom
4" Back	MiTek	JUS24	Roof Truss, R12	Bottom
4" Front	MiTek	HUS26	Roof Truss, R4	Bottom
4" Front	MiTek	HUS26	Roof Truss, R1	Bottom
2" Front	MiTek	HUS26	Roof Truss, R12X	Bottom
3/4" Front	MiTek	HUS26	Roof Truss, R5	Bottom
3/4" Front	MiTek	HUS26	Roof Truss, R1	Bottom
/4" Back	MiTek	THDH28	Roof Truss, R11	Bottom
8/4" Front	MiTek	HUS26	Roof Truss, R1	Bottom
" Front	MiTek	HUS26	Roof Truss, R11X	Bottom
I/4" Front	MiTek	HUS26	Roof Truss, R1	Тор
		Connector I		
Product	Qty	Supported		
One RT7A	3	Roof Truss	, R9,Roof Truss, R9,F	Roof Truss, R9

3712.53 ft <sup>2</sup>		1. The notation "BY OTHERS" shall refer to the design, purchase, fabrication, and installation of materials by someone other than Load Star® with no implied or assumed responsibility by Load Star®.
ustomer: Schumacher Homes	Job Name: Capers, Carlton DU	Deams abered <b>bb/#</b> or not specined in a beam legend on uns page are by UTHENS. Never notwork in any operations, murt-ply truss naming patterns, maximum puritin spacing, and other specific truss requirements. The Sheath trusses and completely main prior to over framing. Sheath trusses and completely main prior to over framing. Support over framing as required to uniformly distribute load on trusses below. 3. The Owner shall engage a Registered Design Professional(RDP)/Building Designer to prepare the Construction Documents. In the absence of a mandate to use an independent RDP/Building Designer to prepare the Construction Documents.
roject:	Model: Charleston Classic Model #:	Designer, the Owner shall assume the role of Building Designer. The RDP/Building Designer shall review the Truss Submittal Package for compatibility with Building Design (ANS/ITP1 1-2007). 4. The method of Partmanent is the function of the method of antonring on restraining to prevent lateral movement of all Truss members acting together as a system shall be accomplished by method by the provided by the accomplished by method of and flore Framing Structural System is not provided by the
_ot: ubdiv.:	Elevation:	Owner or any Registered Design Professional, the method of Permanent Individual Truss Member Restraint and Diagonal Bracing for the truss Top Chord, Bottom Chord, and Web members shall be in accordance with <i>Bracing CostBast</i> and access the start side of the orgenetic the Chord and Web members shall be in Institutions Destructions and the Demonstrated and Permanent Disconce Descing And Andrew Members and the Temporary
Job / Quote Number: Q015240	Designer: Brandon Clay 5/22/2023	Instantion restantion and use remain intervention reasoning control and use for the resonance of the remain and properties restant and properties the remain and properties of the remain and properties of the rest of the rest. Complete truss spacement diagram was not require a seal. Complete truss component engineering and analysis can be found on the truss design drawings which may be sealed.

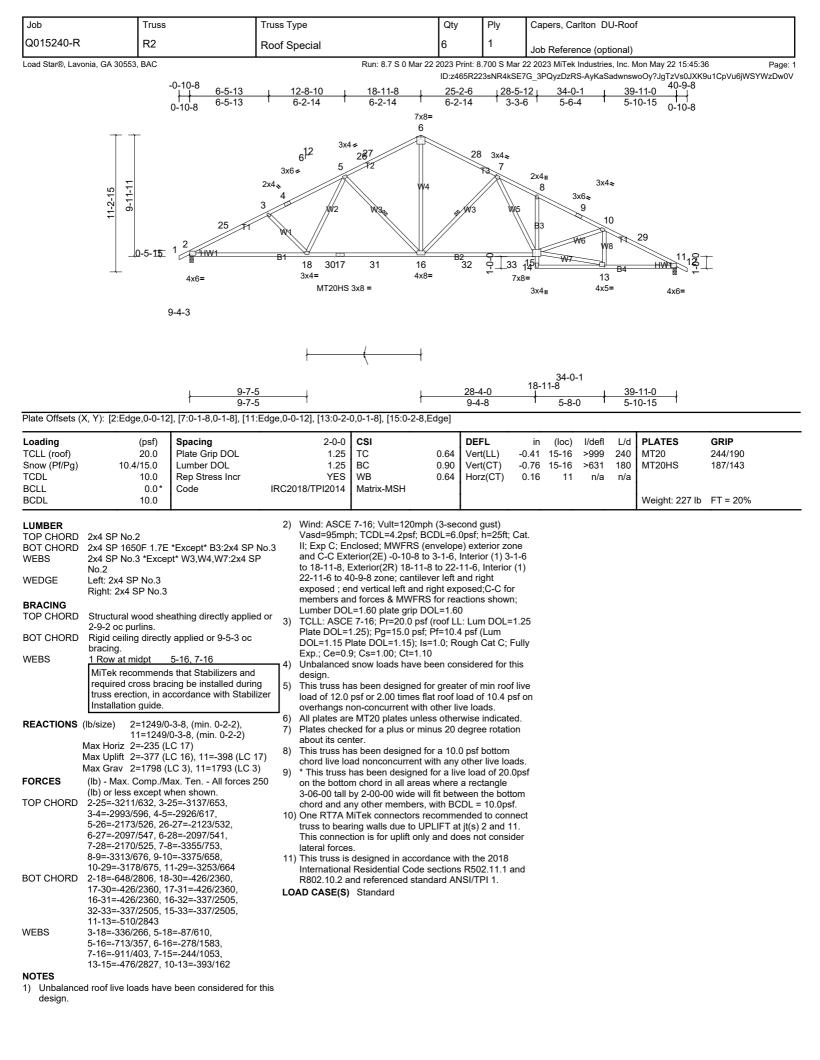


Job	Тп	uss	Truss Type		Qty	Ply	Capers, Carlton	DU-Roo	of	
Q015240-R	R1		Common		7	1			· ·	
	onia, GA 30553, BA		Common	Run: 87.50 Mar	ľ	8 700 S Mar 1	Job Reference (o 22 2023 MiTek Industr		Mon May 22 15.45	5:36 Page: 1
	ma, OA 50555, DA	0							-	69uPCsPu6jWSYWzDw0V
		5-1-13	12-0-10		18-11-8		25-10-6		28-7-8	
		5-1-13	1 6-10-14		6-10-14	-	6-10-14		I 2-9-3	
						5x5 5	=			
					15 14		16	_		
			1: 61	2 3x4 =	12		13		<sup>3x4</sup> ≈ <sup> 8</sup> 6	
			3x5 =	4					2x4	
	<u>-</u>		3			W6			7	<u> </u>
	10-11-11		3x51		$\langle \rangle$		//			
	2		2	yv/4	W5		W45		WA	_
		13 2x4∎							\\ w7	6-1-11
		1	W3							Q
	1-5-15	- Wi		//						
	<u> </u>	_ 12 🖓	B1 1	1 19 10	20	<u>v</u>	<u>В2</u> 21		22 8	i
		3x5=		x4= 3x5=	20	4x8			3x5=	
		I C	9-7-1	15	3-11-8	i.	28-7	7_8	I	
			)-7-1		9-4-7	Ť	9-8		ł	
Plate Offsets ()	(, Y): [2:0-2-0,0-	1-0], [8:0-1-12,0-1-8], [12	:0-1-12,0-1-8]							
Loading	(pst	f) Spacing	2-0-0	CSI	DE	EFL	in (loc) l/def	l L/d	PLATES	GRIP
TCLL (roof) Snow (Pf/Pg)	20.0 10.4/15.0		1.25 1.25	TC BC		. ,	0.29 8-9 >999 0.48 8-9 >71		MT20	244/190
TCDL	10.0	.0 Rep Stress Incr	YES	WB	•	. ,	0.04 8 n/a			
BCLL BCDL	0.0 10.0	.0* Code .0	IRC2018/TPI2014	Matrix-MSH					Weight: 184 I	b FT = 20%
LUMBER			2) Wind: ASCE	7-16; Vult=120m	ph (3-second	l aust)				
TOP CHORD	2x4 SP No.2		Vasd=95mp	h; TCDL=4.2psf; I nclosed; MWFRS	BCDL=6.0psf	; h=25ft; Ca				
BOT CHORD WEBS		Except* B2:2x4 SP 1650F Except* W5,W6:2x4 SP No	D.2 and C-C Ext	terior(2E) 2-1-12 te	o 5-1-12, Ínte	rior (1) 5-1-	12			
BRACING TOP CHORD	Structural wood	d sheathing directly applie	23-11-8 to 3	Exterior(2R) 20-11 0-5-12 zone; cant	ilever left and	d right	)			
	4-2-10 oc purlin	ns, except end verticals.	exposed, e	nd vertical left and nd forces & MWFF						
BOT CHORD	bracing.	rectly applied or 2-2-0 oc		L=1.60 plate grip I E 7-16; Pr=20.0 ps		um DOL=1.2	25			
WEBS	1 Row at midpt MiTek recomm	6-8, 2-12, 4-9 nends that Stabilizers and	Plate DOL=	1.25); Pg=15.0 ps Plate DOL=1.15); I	f; Pf=10.4 ps	f (Lum				
	required cross	bracing be installed durin in accordance with Stabil	g Exp.; Ce=0.	9; Cs=1.00; Ct=1.	10		-			
	Installation guid		design.	snow loads have						
REACTIONS		1/0-3-8, (min. 0-1-8), 12=	861/ 5) Plates check about its cer	ked for a plus or m nter.	ninus 20 degr	ee rotation				
	Max Horiz 12=33		chord live lo	as been designed ad nonconcurrent			i.			
		27 (LC 16), 12=-271 (LC <sup>-</sup> 88 (LC 3), 12=1246 (LC 3	16) 7) * This truss	has been designe	d for a live lo	ad of 20.0ps				
FORCES	(lb) - Max. Com	p./Max. Ten All forces 2	250 3-06-00 tall	m chord in all area by 2-00-00 wide w	vill fit betweer	n the bottom	ı			
TOP CHORD	2-3=-1606/364,		<ol><li>Refer to gird</li></ol>	ny other members ler(s) for truss to t	russ connect	ions.				
	4-14=-979/329, 5-15=-892/353,	14-15=-894/341, 5-16=-888/334,		chanical connection e capable of withs			vint			
		3, 17-18=-967/318,	12.	/iTek connectors	-					
BOT CHORD	11-12=-574/141	12, 11-19=-450/1278,	truss to bea	ring walls due to L	JPLIFT at jt(s	) 8. This				
	9-20=-450/1278	78, 10-20=-450/1278, 3, 9-21=-225/421,	forces.	s for uplift only an			al			
WEBS		1, 8-22=-225/421 2-12=-1525/393,		designed in acco Residential Code			1			
		1-9=-657/347, 5-9=-90/49	0, R802.10.2 a	nd referenced sta						
NOTES			LOAD CASE(S)	Standard						
<ol> <li>Unbalance design.</li> </ol>	d roof live loads l	have been considered for	<sup>·</sup> this							



 Unbalanced root live loads have been considered to design.

Job	<u> </u>	russ	r	Truss Type		054	Ply	Capers Carlton D	L-Poof	;	]
Job Q015240-R		russ 1G			l Cable	Qty 1	Piy 1	Capers, Carlton D			
	nia, GA 30553, BA	_		Common Structura		2023 Print: 9		Job Reference (opt 22 2023 MiTek Industries	,	Ion May 22 15-15-	36 Page: 1
Load Glare, Lavo	ma, OA 00000, BA				rtun. 0.7 0 0 Widi 22					-	/92ZCwlu6jWSYWzDw0V
			<u> </u>	<u> </u>			ł	<u>28-7-8</u> 9-8-0	;		
					10		5x5=				
	Ť					10 34	11	12 35 10			
				1 61		9		13	<sup>14</sup> 36		
				5x5 -	- 7				P	15	
	10-11-11			5		ST8	9 ⊠	ST9 ⊠ ST8			
	5			4	ST7 ST6				ST7	ST6	_
	_	1	3x4 <sub>11</sub> 3 1 2 1 ST2 .ST1	ST4 ST3						W1	
	1-5-1	5 1									
	``		33 32 31	30 29 28	27 2 <b>2</b> 5	24 23	××××××××××××××××××××××××××××××××××××××	21 20	<u>******</u> 19	18	
			3x4∎		3x5=						
					28-`	7-8					
Plate Offsets (X	(, Y): [6:0-2-8,0-	-3-0], [3	33:0-2-4,0-1-8]		-	-					
Loading TCLL (roof)	(ps 20	· ·	Spacing Plate Grip DOL	2-0-0 1.25	CSI TC	0.50 Ver		in (loc) l/defl ).00 17-18 >999	L/d 240	PLATES MT20	<b>GRIP</b> 244/190
Snow (Pf/Pg)	10.4/15.	.0 L	_umber DOL	1.25	BC	0.29 Ver	t(CT) (	0.00 17-18 >999	180	WIT20	244/190
TCDL BCLL	10. 0.		Rep Stress Incr Code	YES IRC2018/TPI2014	WB Matrix-MR	0.14 Hor	z(CT) (	).00 17 n/a	n/a		
BCDL	10.	.0					-			Weight: 236 lb	FT = 20%
					E 7-16; Vult=120mph h; TCDL=4.2psf; BC			+			
BOT CHORD				II; Exp C; Er	nclosed; MWFRS (er	nvelope) ext	erior zone				
WEBS OTHERS	2x4 SP No.3 2x4 SP No.3 *E			to 20-11-8, I	terior(2E) 2-1-12 to 4 Exterior(2R) 20-11-8	to 23-11-8,	Interior (1)				
BRACING	BL1,ST10,ST9,	,ST8:2>	k4 SP No.2	exposed ; e	0-5-12 zone; cantile nd vertical left and ri	ght exposed	l;Č-C for				
			hing directly applied		nd forces & MWFRS L=1.60 plate grip DC		s shown;				
BOT CHORD	Rigid ceiling dir	,	pplied or 10-0-0 oc		ned for wind loads in uds exposed to wind			i			
WEBS	bracing. 1 Row at midpt		1-22, 10-23, 9-24, 12	see Standar	rd Industry Gable En ualified building desi	d Details as	applicable				
	MiTek recomm		3-20 hat Stabilizers and	4) TCLL: ASCE	E 7-16; Pr=20.0 psf ( 1.25); Pg=15.0 psf; F	roof LL: Lur	n DOL=1.2				
	required cross	bracin	g be installed during ordance with Stabili	DOL=1.15 F	Plate DOL=1.15); Is= 9; Cs=1.00; Ct=1.10	1.0; Rough		у			
	Installation gui			5) Unbalanced	snow loads have be		red for this				
	All bearings 28-4 Max Horiz 33=3		cept 33= Mechanica 3 13)	6) All plates an	e 2x4 MT20 unless o ked for a plus or min						
. ,	vlax Uplift All up	plift 100	) (lb) or less at joint 20, 21, 22, 23, 24, 2	s) í about its cei	nter.	0	GTULALIUN				
	27, 2	8, 29, 3	30, 31 except 32=-4 =-241 (LC 14)	97 9) This truss h	spaced at 2-0-0 oc. as been designed fo	r a 10.0 psf					
Ν	Max Grav All re	actions	s 250 (lb) or less at	10) * This truss	ad nonconcurrent wi has been designed f	for a live loa	d of 20.0ps				
	25, 2	27, 28, 2	9, 20, 21, 22, 23, 24 29, 30, 31 except	<sup>4,</sup> on the botto 3-06-00 tall	m chord in all areas by 2-00-00 wide will	where a rec	tangle				
FORCES			: 14), 33=569 (LC 1 Ten All forces 2	<sup>3)</sup> chord and a	ny other members. ler(s) for truss to trus						
	(lb) or less exce 1-2=-386/265, 8 10-34=-198/306 11-12=-224/333	8-9=-18 6, 10-1	37/263, 9-34=-208/3 1=-224/340,	12) Provide med 02, bearing plat (s) except (j	chanical connection e capable of withstar t=lb) 33=241.	(by others) on the state (by others) of the state (b) of	of truss to uplift at jo				
	13-35=-208/281			truss to bea	ViTek connectors rea ring walls due to UP	LIFT at jt(s)	17, 22, 23,				
WEBS NOTES	2-32=-231/297				28, 29, 30, 31, 32, 21 is for uplift only and o			al			
<ol> <li>Unbalanced design.</li> </ol>	d roof live loads	have b	een considered for	this forces.	designed in accorda						
J				Internationa	I Residential Code s and referenced stand	ections R50	2.11.1 and				
				LOAD CASE(S)							



Job	Truss	Truss Type	Qty	Ply	Capers, Carlton DU-Roof
Q015240-R	R3	Roof Special	3	1	Job Reference (optional)

Run: 8.7 S 0 Mar 22 2023 Print: 8.700 S Mar 22 2023 MiTek Industries, Inc. Mon May 22 15:45:36 Page: 1 ID:wTErsi3KO hnzmNWOP5tWNzDzRQ-AvKaSadwnswoOV?JdTzVs0JSG9wHCoZu6iWSYWzDw0V

International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

NOTES

WEBS

BOT CHORD

1) Unbalanced roof live loads have been considered for this design.

8-12=-936/382

6-14=-426/1607, 5-15=-86/618, 3-15=-335/266, 5-14=-719/358, 7-14=-971/431, 7-12=-119/906,

2-15=-722/2808, 15-29=-532/2360,

29-30=-532/2360, 14-30=-532/2360,

13-14=-578/2540, 13-31=-578/2540, 31-32=-578/2540, 12-32=-578/2540, 11-12=-959/3737, 10-11=-955/3739

<sup>-0-10-8</sup> 6-5-13 12-8-10 18-11-8 25-2-6 32-11-0 39-11-0 6-2-14 6-2-14 7-8-10 7-0-0 6-5-13 6-2-14 7x8= 6 3x4 -26<sub>27</sub> 6<sup>12</sup> 2**4**5 3x4 👟 5 7 6-11-12 3x6-9-11-1 2x4 10-2-15 5x5= 3 12 8 3x5≈ 28 2-11-15 2-11-15 9 10 14002 1HW -15 15 29 30 14 13 31 32 12 11 3x4= 4x8= 3x4= 2x41 4x6= 5x8= MT20HS 3x8 = 9-7-4 18-11-8 28-3-12 39-11-0 33-0-12 9-4-4 9-7-4 9-4-4 4-9-0 6-10-4 Plate Offsets (X, Y): [2:Edge,0-0-12], [7:0-1-12,0-1-8], [10:Edge,0-3-4] PLATES Loading (psf) Spacing 2-0-0 CSI DEFL in (loc) I/defl L/d GRIP TCLL (roof) 20.0 Plate Grip DOL 1 25 TC 0.90 Vert(LL) -0.35 12-14 >999 240 MT20 244/190 Snow (Pf/Pg) 10.4/15.0 Lumber DOL 1.25 BC 0.82 Vert(CT) -0.65 12-14 >741 180 MT20HS 187/143 TCDL Rep Stress Incr YES WB 0.70 10.0 Horz(CT) 0.15 10 n/a n/a BCLL 0.0 Code IRC2018/TPI2014 Matrix-MSH Weight: 210 lb FT = 20% BCDL 10.0 Wind: ASCE 7-16; Vult=120mph (3-second gust) LUMBER 2) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. TOP CHORD 2x4 SP No.2 \*Except\* T3,T4:2x4 SP 1650F II: Exp C; Enclosed; MWFRS (envelope) exterior zone 1.7E BOT CHORD 2x4 SP 1650F 1.7E \*Except\* B2:2x4 SP and C-C Exterior(2E) -0-10-8 to 3-1-6, Interior (1) 3-1-6 to 18-11-8, Exterior(2R) 18-11-8 to 22-11-6, Interior (1) 2700F 2.2E or 2x4 SP M 31 WEBS 2x4 SP No.3 \*Except\* W4,W3:2x4 SP No.2 22-11-6 to 39-11-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for WEDGE Left: 2x4 SP No.3 members and forces & MWFRS for reactions shown; SLIDER Right 2x4 SP No.3 -- 2-6-0 Lumber DOL=1.60 plate grip DOL=1.60 BRACING TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.25 3) TOP CHORD Structural wood sheathing directly applied. Plate DOL=1.25); Pg=15.0 psf; Pf=10.4 psf (Lum BOT CHORD Rigid ceiling directly applied or 7-11-4 oc DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat C; Fully bracing. Exp.; Ce=0.9; Cs=1.00; Ct=1.10 WFBS 1 Row at midpt 5-14, 7-14 Unbalanced snow loads have been considered for this MiTek recommends that Stabilizers and design. required cross bracing be installed during 5) This truss has been designed for greater of min roof live truss erection, in accordance with Stabilizer load of 12.0 psf or 2.00 times flat roof load of 10.4 psf on Installation guide overhangs non-concurrent with other live loads. 6) All plates are MT20 plates unless otherwise indicated. **REACTIONS** (lb/size) 2=1249/0-3-8, (min. 0-2-2) Plates checked for a plus or minus 20 degree rotation 7) 10=1213/0-3-8, (min. 0-1-8) about its center Max Horiz 2=203 (LC 16) This truss has been designed for a 10.0 psf bottom 8) Max Uplift 2=-378 (LC 16), 10=-371 (LC 17) chord live load nonconcurrent with any other live loads. Max Grav 2=1799 (LC 3), 10=1748 (LC 3) 9) \* This truss has been designed for a live load of 20.0psf FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 on the bottom chord in all areas where a rectangle (lb) or less except when shown. 3-06-00 tall by 2-00-00 wide will fit between the bottom TOP CHORD 2-23=-3214/872, 3-23=-3140/893, chord and any other members, with BCDL = 10.0psf. 3-4=-2997/823, 4-5=-2930/844 10) One RT7A MiTek connectors recommended to connect 5-24=-2168/701, 24-25=-2118/707, truss to bearing walls due to UPLIFT at jt(s) 10 and 2. 6-25=-2091/722, 6-26=-2091/727, This connection is for uplift only and does not consider 26-27=-2118/713, 7-27=-2175/706 lateral forces. 7-8=-3329/917, 8-28=-3967/1086, 11) This truss is designed in accordance with the 2018 9-28=-3996/1074, 9-10=-1637/275

Job	-	Truss		Trus	s Type		Qty		Ply	Capers, Ca	rlton DU	J-Root	f		
Q015240-R		R4		Roo	f Special		5		1	Job Referer	nce (opti	onal)			
Load Star®, Lavo	onia, GA 30553, E	BAC				Run: 8.7 S 0 Mar 2				22 2023 MiTek	Industries	, Inc. N	Non May 22 15:45:3		Page: 1
	-0-10-8						IC	):OfnD3	34y9lpebv	vyix7c62bzDzRI	P-AyKaSa	Idwnsw	voOy?JgTzVs0JXU	9uFCk6u6jWS	3YWzDw0V
	<u> </u>		6-5-13 6-5-13		8-10 2-14	<u>18-11-8</u> 6-2-14		<u>3-9-12</u> I-10-4		<u>29-0-0</u> 5-2-4		<u>34-4</u> 5-4		<u>39-11-0</u> 5-6-15	<b></b> +
	0-10-8						7x8=								
11-1-1- 	1 15 1 15 4x6	HW1	2x 3 24 11 81 81 8-0-10 8-0-10	3x6 = 4 x 4 17 3x4=	3x4= 12 5 10 16 29 T20HS 3x8 = <u>18-1</u> 10-11	2 <b>3</b> 6 12 W3 <b>B</b> 2 30	6 W4 15	31 7: 	4x5s 27 7 83 14 13 3x4#	W7 31-8- 8-0-0		3x6s 9 1: 6x	2x4 # 10 01 84	I-0	110- 
Plate Offsets ()	X, Y): [2:Edge,	0-0-8].	[11:Edge,0-0-12	2], [12:0-3-	1,0-1-12], [14:0-	6-4,0-4-8]									
WEBS WEDGE BRACING TOP CHORD BOT CHORD WEBS REACTIONS	2 10.4/1 1 2x4 SP No.2 2x4 SP 1650F 2x4 SP No.3 No.2 Left: 2x4 SP No.3 Structural wor 2-6-5 oc purili Right: 2x4 SP No.3 Structural wor 2-6-5 oc purili Right: 2x4 SP No.3 1 Row at midi MiTek recomm required cross truss erection Installation g (lb/size) 2=1 Max Horiz 2=- Max Uplift 2=- Max Uplift 2=- Max Uplift 2=- Max Uplift 2=- Max Uplift 2=- Max Grav 2=1 (lb) - Max. Co (lb) or less ex 2-24=-3275/6 3-4=-3140/63 5-25=-2168/5 6-26=-2090/5 7-27=-2146/5 8-9=-2968/6 10-28=-3136/ 2-17=-637/28 16-29=-442/2	0.0 0.0* 0.0* 0.0 0.0* 0.0 0.0* 0.0 0.0	C 16), 11=-371 .C 3), 11=1736 ( ax. Ten All for hen shown. 24=-3193/631, -3077/658, -26=-2117/533, 27=-2090/554, 3=-2729/624, 9=-3045/650, 1-28=-3220/684 -17=-442/2336, 9-30=-442/2336, 9-30=-442/2336, 5-31=-306/2389 -14=-177/792, 7=-141/732, 5=-311/1614, 14=-428/2422,	r IR I SP No.3 x4 SP pplied or ) oc and during Stabilizer ), 1) (LC 17) (LC 3) ces 250	<ul> <li>Vasd=95m II; Exp C; E and C-C Es to 18-11-8, 22-11-6 to 3 exposed; e members a Lumber DC</li> <li>TCLL: ASC Plate DOL= DOL=1.15</li> <li>This truss f load of 12.0 overhangs</li> <li>All plates a</li> <li>Plates chec about its ce</li> <li>This truss f chord live le</li> <li>* This truss on the botts 3-06-00 til truss to bea This conne lateral force</li> <li>This truss to bea This truss to bea This conne</li> <li>One RT7A</li> <li>truss to bea This truss to bea This truss to trus</li> <li>This truss to bea This truss to the lateral force</li> <li>This truss in International</li> </ul>	BC WB Matrix-MSH E 7-16; Vult=120mp bh; TCDL=4.2psf; B nclosed; MWFRS ( terior(2E) -0-10-8 tr Exterior(2E) 10-10-8 tr Exterior(2E) 18-11- 39-11-0 zone; cantil and vertical left and nd forces & MWFR L=1.60 plate grip D E 7-16; Pr=20.0 psf; Plate DOL=1.15); Is 9; Cs=1.00; Ct=1.1 d snow loads have I as been designed f psf or 2.00 times f non-concurrent with e MT20 plates unle ked for a plus or mi nter. as been designed f bad nonconcurrent to has been designed h bad nonconcurrent to has	CDL=6. envelopp o 3-1-6, 8 to 22- lever left right exp S for rea OOL=1.6( f (roof LL ; Pf=10.4 = 1.0; Rc 0 been cor for great lat roof lu to other liness other inus 20 of for a 10. with any d for a liv s where ill fit betv, with BC ecomme PLIFT al y and dc dance w sections	Opsf; h f p) exter linterio 11-6, I, 11-6, I, 11-6, I, c and ri posed; cuctions 0 :: Lum 4 psf (I ough C :: Lum 5 ough C : Lu	LL) - CT) - (CT) - (CT) - (CT) - (CT) - (CT) - (CT) - constant rior zone r (1) 3-1- nterior (1 ght C-C for shown; DOL=1.; um cat C; Ful ed for this sholicated. rotation ottom live loads of 20.0p angle ne bottom 10.0psf. to connece and 11. consider 2018 .11.1 and	6 ) 25 lly ve on s. sf n ct	I/defl >923 >520 n/a	L/d 240 180 n/a	PLATES MT20 MT20HS Weight: 233 lb	<b>GRIP</b> 244/190 187/143 FT = 20%	
NOTES 1) Unbalance design.	d roof live load	s have	e been considere	ed for this											

Job	Trus	S	Truss Type	2		Qty	Ply	Capers, C	arlton DU	-Roof		
Q015240-R	R5		Common			2	1	Job Refer	ence (optio	onal)		
oad Star®, Lavo.	onia, GA 30553, BAC				Run: 8.7 S 0 Mar 22					-	5:45:36 0JW?9uiCndu6jWS`	Page YWzDwi
	-0-10-8 <u>6-6-</u> -0-10-8 6-6-		2-8-13 6-2-11	<u>18-11-</u> 6-2-1 <sup>-</sup>	8   2 1 6 7x8=	<u>5-10-6</u> -10-14		<u>32-9-3</u> 6-10-14		<u>39-11-0</u> 7-1-13		
1-5-15	4x4 ∎ 1 1 15 15 15 15 15 15 10 19 19 19 19 19 19 19 19 19 19	3x6= 4x4= 4 3 W2 W3	3x4 6 <sup>12</sup> 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	281 12 W5 p 25	6 W6 13 12 4x8=	22 13 10 10 10 10 10 10 10 10 10 10	3x4= 7 	27 11 3x4=	2x4 # x6\$ 8 9 w9 B2	×1 23	₩2 <u>10</u> -0-11 4x6=	0-5-1 <u>\$</u>
	<u> </u>	<u>10-1-10</u> 10-1-10 12], [3:0-2-0,0-1-8],		<u>18-11-8</u> 8-9-14	MT20HS 3×	8 = <u>29-9</u> 10-1				<u>39-11-0</u> 10-1-1		
Loading ICLL (roof) Snow (Pf/Pg) ICDL 3CLL 3CDL	(psf) 20.0 10.4/15.0 10.0 0.0 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Inco * Code	r	1.25 1.25 YES	<b>CSI</b> TC BC WB Matrix-MSH	0.66 Ve 0.92 Ve	( )	in (loc) -0.46 11-13 -0.80 11-13 0.12 10	>999 >598	L/d <b>PLATES</b> 240 MT20 180 MT20HS n/a M18AHS Weight: 22	<b>GRIP</b> 244/190 187/143 186/179 23 lb FT = 20%	
BOT CHORD WEBS WEDGE BRACING TOP CHORD	2x4 SP No.3 *Exc No.2 Right: 2x4 SP No Structural wood s 2-10-3 oc purlins, Rigid ceiling direct bracing, Except: 2-2-0 oc bracing: 1 Row at midpt MiTek recommeter required cross but	eept* W5,W6,W7:2> .3 theathing directly ap except end vertice trly applied or 10-0- 11-13. 5-13, 7-13, 3-15 mds that Stabilizers racing be installed of accordance with S	4 SP a tc opplied or L als. 3) T 0 oc 9 and during 5) T tabilizer 1 c o	asd=95mph, Exp C; Enc od C-C Exte 18-11-8, Ex 2-11-6 to 39, (posed ; enc embers and umber DOL= CLL: ASCE CLL: ASCE Late DOL=1. OL=1.15 Pla xp.; Ce=0.9; nbalanced s esign. his truss has ad of 12.0 p verhangs no	7-16; Vult=120mph ; TCDL=4.2psf; BC losed; MWFRS (ei rior(2E) -0-10-8 to terior(2R) 18-11-8 -11-0 zone; cantile 4 vertical left and ri forces & MWFRS =1.60 plate grip DC 7-16; Pr=20.0 psf ( 25); Pg=15.0 psf; ate DOL=1.15); Is= Cs=1.00; Ct=1.10 now loads have be seen designed fo sf or 2.00 times fla n-concurrent with o	DL=6.0psf velope) ex 3-1-6, Inte to 22-11-6 to 22-11-6 for reaction ver left and ght expose for reaction to 21-160 roof LL: Lu 2f=10.4 psi 1.0; Rough een consider r greater of t roof load bother live lo	; h=25ft; C (terior zone for (1) 3-1: 5, Interior (1) 1 right d;C-C for ns shown; 1 m DOL=1: f (Lum n Cat C; Fu ered for thi f min roof I of 10.4 psi pads.	e -6 1) .25 ully is ive f on				
	15=125 Max Horiz 15=-19 Max Uplift 10=-36 Max Grav 10=175 (lb) - Max. Comp. (lb) or less excepi 2-19=-373/139, 3 3-4=-2484/522, 4 5-20=-1980/508, 1 6-21=-1905/529, 1 6-21=-1905/529, 1 7-22=-1991/512, 1 8-9=-2995/610, 9 10-23=-3214/660 14-15=-536/2121 24-25=-382/2051	5 (LC 17), 15=-376 57 (LC 3), 15=1810 /Max. Ten All forc t when shown. -19=-300/152, -5=-2416/543, 20-21=-1930/514, 6-22=-1905/527, 7-8=-2920/634, -23=-3130/672,	n. 0-1-8), 7) P 2) a (LC 16) 8) T (LC 3) 9) * ces 250 o 3 (c) 10) R 11) P 5 12) C tr c fc	lates checke bout its cent his truss has mord live load This truss has the bottom 06-00 tall by ord and any efer to girde earing plate 0. ne RT7A Mi uss to bearing onnection is proces.	MT20 plates unles de for a plus or min er. s been designed fo d nonconcurrent w as been designed i chord in all areas y 2-00-00 wide will y other members, y r(s) for truss to trus anical connection capable of withstar Tek connectors re- ng walls due to UP for uplift only and d	us 20 degr r a 10.0 ps th any oth or a live lo where a re fit betweer with BCDL ss connect (by others) nding 365 l commende LIFT at jt(s loes not co	ree rotation f bottom er live load ad of 20.0p ctangle n the bottou = 10.0psf. ions. of truss to b uplift at j d to conne ) 15. This onsider late	n Is. posf m joint ect				
	26-27=-324/2253				Residential Code s			hd				

1) Unbalanced roof live loads have been considered for this design.

Job	Truss	Truss Type	Qty	Ply	Capers, Carlton DU-Roof
Q015240-R	R6	Common	5	1	Job Reference (optional)

#### Plate Offsets (X, Y): [3:0-1-8,0-1-12], [10:0-2-8,0-2-5], [17:Edge,0-2-12]

		-									r	
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.25	TC	0.76	Vert(LL)		12-20	>999	240	MT20	244/190
Snow (Pf/Pg)	10.4/15.0	Lumber DOL	1.25	BC	0.93	Vert(CT)	-0.50	12-20	>914	180		
TCDL	10.0	Rep Stress Incr	YES	WB	1.00	Horz(CT)	0.07	10	n/a	n/a		
BCLL	0.0*	Code	RC2018/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 264 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS BRACING TOP CHORD BOT CHORD WEBS	2x6 SP No.2 *Excep 2x4 SP No.3 *Excep Structural wood she 2-2-0 oc purlins, ex Rigid ceiling directly bracing. 1 Row at midpt MiTek recommend: required cross brack	ot* W5:2x4 SP No.2 eathing directly applied or cept end verticals. <i>r</i> applied or 2-2-0 oc <u>3-17</u> s that Stabilizers and cing be installed during	Vasd=95mp II; Exp C; Er and C-C Ext to 19-11-8, F 23-9-0 to 40 end vertical forces & MW DOL=1.60 p Plate DOL= DOL=1.15 F Exp.; Ce=0.1	7-16; Vult=120mpl h; TCDL=4.2psf; BK closed; MWFRS (e erior(2E) 1-1-8 to 4 Exterior(2R) 19-11- -9-8 zone; cantileve left and right exposs /FRS for reactions late grip DOL=1.60 E 7-16; Pr=20.0 psf; late DOL=1.15; Is= 9; Cs=1.00; Ct=1.10	CDL=6. envelope -11-0, I 8 to 23- er left ar ed;C-C shown; (roof LL Pf=10.4 =1.0; Ro	Opsf; h=25ft; e) exterior zc nterior (1) 4- 9-0, Interior ( d right expo for members Lumber Lumber L: Lum DOL= bpsf (Lum Sough Cat C;	one 11-0 (1) osed ; s and =1.25 Fully					
	truss erection, in ac Installation guide.	ccordance with Stabilizer	4) Unbalanced design.	snow loads have b	een cor							
	,17=1190 Max Horiz 17=-201 ( Max Uplift 10=-374 (	0-3-8, (min. 0-2-0), 0-3-8, (min. 0-2-0) LC 21) LC 17), 17=-358 (LC 16) (LC 3), 17=1712 (LC 3)	load of 12.0 overhangs n 6) Plates check about its cer	as been designed for psf or 2.00 times fla on-concurrent with ked for a plus or min ter. as been designed for	at roof le other li nus 20 e	oad of 10.4 p ve loads. degree rotati	osf on on					
FORCES		ax. Ten All forces 250		ad nonconcurrent w								
TOP CHORD	(lb) or less except w 2-21=-296/72, 3-4=- 4-5=-2280/490, 5-22 22-23=-2303/616, 6 6-24=-2508/687, 24 7-25=-2587/665, 7-8 8-9=-2585/503, 9-26 10-26=-2944/657, 2	2354/477, 2=-2365/608, -23=-2285/631, -25=-2525/673, 3=-2508/526, 3=-2905/678, -17=-273/151	on the botto 3-06-00 tall chord and a 9) One RT7A M truss to beau This connec lateral forces		where I fit betw with BC ecomme PLIFT at v and do	a rectangle ween the bot DL = 10.0ps ended to con ; jt(s) 17 and wes not consi	tom sf. nect 10.					
BOT CHORD	16-17=-526/1905, 1 15-27=-178/1536, 1 14-28=-179/1521, 1 12-13=-177/1543, 1	4-27=-177/1544, 3-28=-181/1513,	International R802.10.2 a	designed in accord Residential Code s nd referenced stand	sections	R502.11.1	and					
WEBS	3-17=-2100/488, 5-1	16=-440/344, 5=0/259, 6-12=-394/1292	LOAD CASE(S)	Stanuaru								
<ol> <li>Unbalance design.</li> </ol>	d roof live loads have	e been considered for this	3									

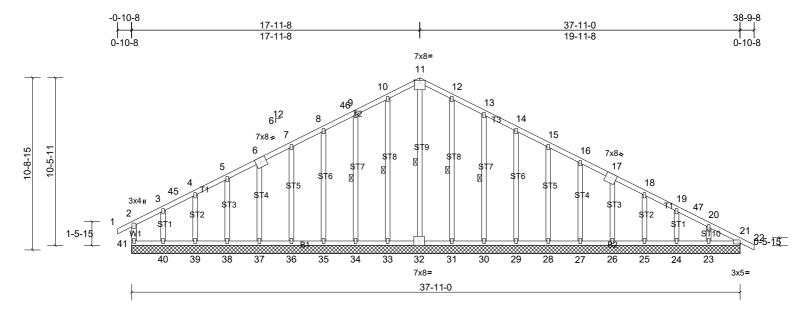
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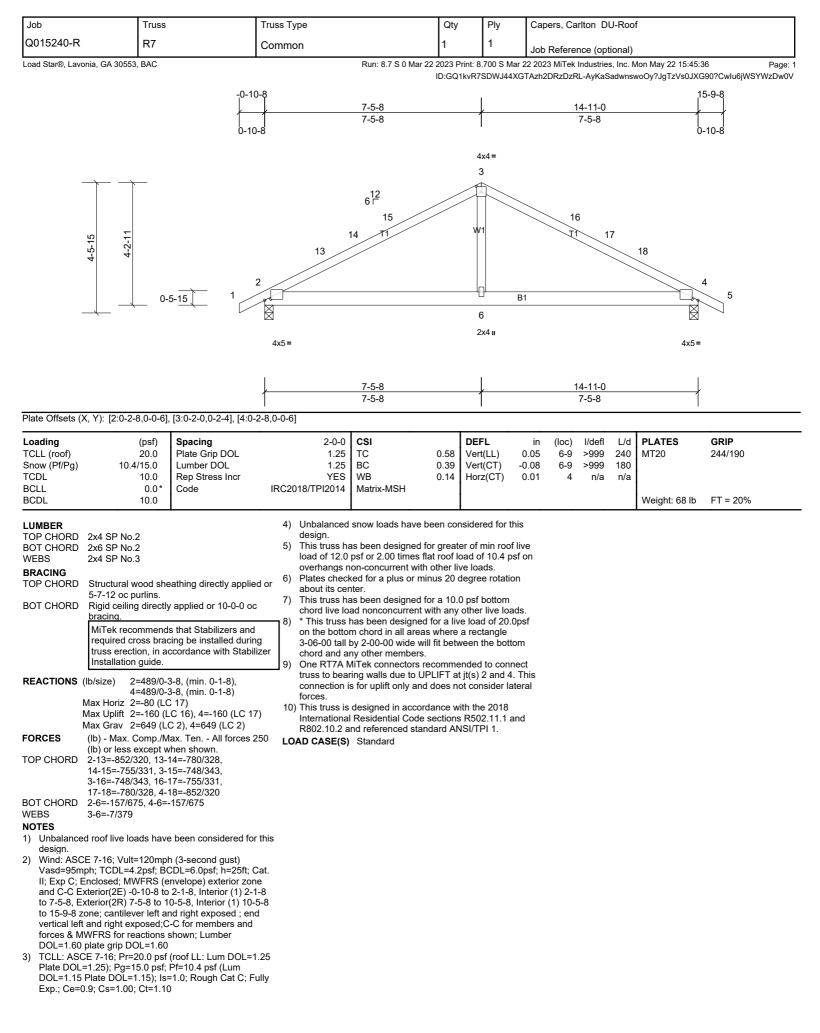
<sup>-0-10-8</sup> <u>11-4-10</u> 6-7-0 24-6-6 6-6-14 4-9-11 17-11-8 37-11-0 31-1-3 4-9-11 6-6-14 6-6-14 6-9-13 0-10-85x5= 6 22<sup>23</sup> 225 2x4 II 6<sup>12</sup> 2x4 II 5 7 3x6≠ 2x4≉ 10-8-15 10-5-11 4 3x6**≈** 4x4 ≠ 8 3 9 21 3x4 II 26 2 10 1-5-15 <u>B2</u> --17 **B**3 K 14 Ø 1527 2813 16 12 4x5= 4x5= 4x8= 5x5= 4x8= 4x5∎ 5x8= 4x5∎ 5x5= 21-11-8 | <u>24-6-6 |</u> | 2-0-8 | 2-6-14 | 13-11-8 2-6-14 11-4-10 19-11-0 37-11-0 11-4-10 5-11-8 13-4-10

Job	Truss	Truss Type	Qty	Ply	Capers, Carlton DU-Roof
Q015240-R	R6G	Common Supported Gable	1	1	Job Reference (optional)

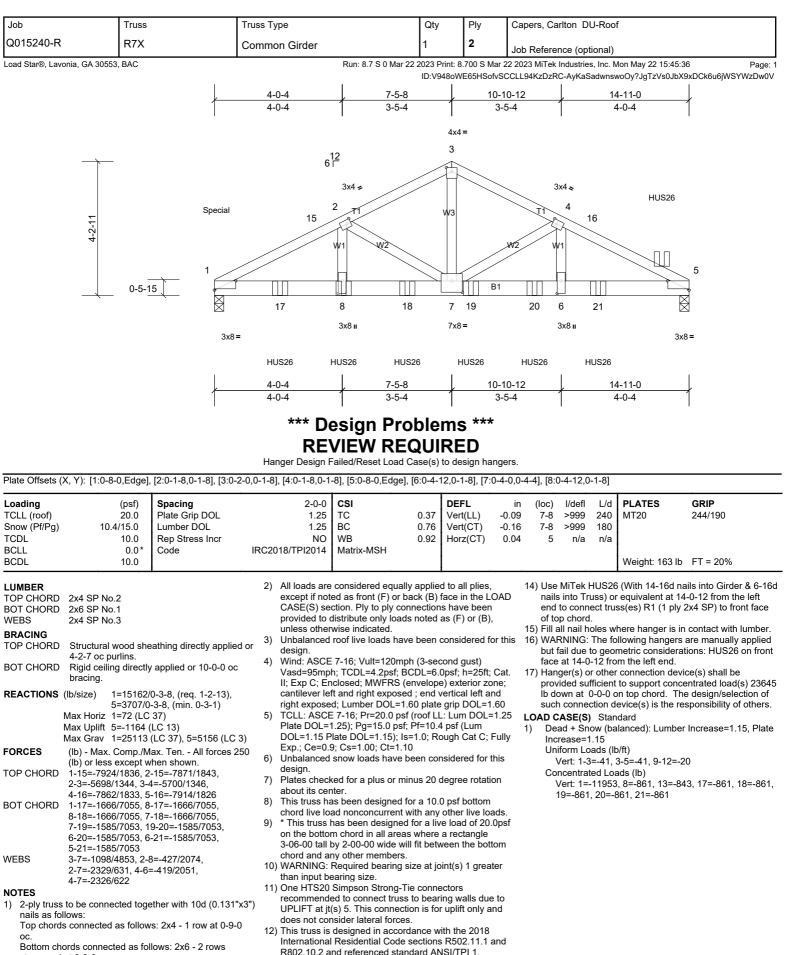
Run: 8.7 S 0 Mar 22 2023 Print: 8.700 S Mar 22 2023 MiTek Industries, Inc. Mon May 22 15:45:36 Page: 1 ID:GQ1kvR7SDWJ44XGTAzh2DRzDzRL-AyKaSadwnswoOy?JgTzVs0Jdj93pCwTu6jWSYWzDw0V



TCDL BCLL BCDL TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No WEBS 2x4 SP No OTHERS 2x4 SP No BRACING TOP CHORD Structural 10-0-0 oc BOT CHORD Rigid celli bracing. WEBS 1 Row at MiTek rea required truss erea Installatic REACTIONS All bearings (lb) - Max Horiz	No.2 No.3 *Excep al wood shea oc purlins, ec eiling directly at midpt recommends d cross brac	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code IF t* ST9,ST8:2x4 SP No.2 athing directly applied or ccept end verticals. applied or 6-0-0 oc 11-32, 10-33, 9-34, 12-31, 13-30 that Stabilizers and ng be installed during cordance with Stabilizer	2) 3)	Vasd=95mpi II; Exp C; En and C-C Cor 2-11-0 to 17. Exterior(2N) right exposes for memberss Lumber DOL Truss desig only. For stu see Standare or consult qu TCLL: ASCE Plate DOL=1	CSI TC BC WB Matrix-MSH 7-16; Vult=120mp h; TCDL=4.2psf; B closed; MWFRS ( ner(3E) -0-10-8 to -11-8, Corner(3R)) 21-11-8 to 38-9-8 d; end vertical left and forces & MW =1.60 plate grip D ned for wind loads ids exposed to win d Industry Gable E ialified building de : 7-16; Pr=20.0 psf; late DDL=1.15); Ib	CDL=6. envelope 2-11-0, 17-11-8 zone; ci and rigi FRS for OL=1.60 in the p not (norm nd Deta signer a f (roof LI ; Pf=10.4	Dpsf; h=25ft; a) exterior zo Exterior(2N) to 21-11-8, antilever left at tt exposed;C reactions sh b) lane of the tr al to the face ils as applicat s per ANSI/T i.: Lum DOL= l psf (Lum	and C own; uss e), able, PI 1. -1.25	(loc) - - 21	I/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 269 lb	<b>GRIP</b> 244/190 FT = 20%
Snow (Pf/Pg) 10 TCDL BCLL BCDL TOP CHORD 2x4 SP M BOT CHORD 2x4 SP M WEBS 2x4 SP M WEBS 2x4 SP M BRACING TOP CHORD Structural 10-0-0 oc BOT CHORD Rigid ceili bracing. WEBS 1 Row at MiTek rei required truss erei Installatic REACTIONS All bearings (lb) - Max Horiz	10.0 0.0* 10.0 No.2 No.3 No.3 *Excep ral wood shee oc purlins, ex- illing directly at midpt	Lumber DOL Rep Stress Incr Code IF * ST9,ST8:2x4 SP No.2 athing directly applied or ccept end verticals. applied or 6-0-0 oc 11-32, 10-33, 9-34, 12-31. 13-30 that Stabilizers and ng be installed during	2) 3)	1.25 YES 118/TPI2014 Wind: ASCE Vasd=95mpl II; Exp C; En and C-C Cor 2-11-0 to 17: Exterior(2N) right expose for members Lumber DOL Truss desig only. For stt see Standar or consult qu TCLL: ASCE Plate DOL=1	WB Matrix-MSH 7-16; Vult=120mp h; TCDL=4.2psf; B closed; MWFRS ( ner(3E) -0-10-8 to -11-8, Corner(3R) 21-11-8 to 38-9-8 d; end vertical left and forces & MW =1.60 plate grip D ned for wind loads uds exposed to wird d Industry Gable E ualified building de 7-16; Pr=20.0 psi 1.25); Pg=15.0 psi	0.21 0.13 oh (3-sec CDL=6. envelope 2-11-0, 17-11-8 zone; c: and rigi FRS for OOL=1.60 in the p nd (norm in d Deta signer a f (roof LL ; Pf=10.4	Vert(CT) Horz(CT) Horz(CT) Dpsf; h=25ft; a) exterior zo Exterior ZN Exterior ZN Exterior ZN to 21-11-8, antilever left at the exposed;C reactions sh b) lane of the tr al to the face ils as applica s per ANSI/T -: Lum DOL=	n/a 0.01 Cat. one and -C own; uss e), able, PI 1. :1.25				Weight: 269 lb	
TCDL BCLL BCDL TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No WEBS 2x4 SP No OTHERS 2x4 SP No BRACING TOP CHORD Structural 10-0-0 oc BOT CHORD Rigid ceili bracing. WEBS 1 Row at MiTek rei required truss erei Installatic REACTIONS All bearings (lb) - Max Horiz	10.0 0.0* 10.0 No.2 No.3 No.3 *Excep ral wood shee oc purlins, ex- illing directly at midpt	Rep Stress Incr Code IF 2 ST9,ST8:2x4 SP No.2 2 Athing directly applied or ccept end verticals. 3 applied or 6-0-0 oc 2 11-32, 10-33, 9-34, 12-31. 3 - 30 2 that Stabilizers and ng be installed during	2) 3)	YES 118/TPI2014 Wind: ASCE Vasd=95mpl II; Exp C; En and C-C Cor 2-11-0 to 17- Exterior(2N) right expose for members Lumber DOL Truss desig only. For stu see Standard or consult qu TCLL: ASCE Plate DOL=1	WB Matrix-MSH 7-16; Vult=120mp h; TCDL=4.2psf; B closed; MWFRS ( ner(3E) -0-10-8 to -11-8, Corner(3R) 21-11-8 to 38-9-8 d; end vertical left and forces & MW =1.60 plate grip D ned for wind loads uds exposed to wird d Industry Gable E ualified building de 7-16; Pr=20.0 psi 1.25); Pg=15.0 psi	0.13 oh (3-sec CDL=6. envelop 2-11-0, 17-11-8 zone; c: a and rigi FRS for OCL=1.6 in the p nd (norm in the p nd (norm f (roof LL) f (roof LL) f (roof LL)	Horz(CT) cond gust) Opsf; h=25ft; a) exterior zo Exterior(2N) to 21-11-8, antilever left : to 21-11-8, antilever lef	0.01 Cat. one and G-C own; uss a), able, PI 1. 25	21			Weight: 269 lb	FT = 20%
BCLL BCDL LUMBER TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No OTHERS 2x4 SP No OTHERS 2x4 SP No BRACING TOP CHORD Structural 10-0-0 oc BOT CHORD Rigid ceili bracing. WEBS 1 Row at MiTek rei required truss erei Installatio REACTIONS All bearings (lb) - Max Horiz	0.0* 10.0 No.2 No.2 No.3 *Excep ral wood shee billing directly at midpt recommends d cross brac rection, in ac	Code IF * ST9,ST8:2x4 SP No.2 athing directly applied or ccept end verticals. applied or 6-0-0 oc 11-32, 10-33, 9-34, 12-31, 3-30 that Stabilizers and ng be installed during	2) 3)	Wind: ASCE Vasd=95mpl II; Exp C; En and C-C Cor 2-11-0 to 17- Exterior(2N) right expose for members Lumber DOL Truss desig only. For stu see Standare or consult qu TCLL: ASCE Plate DOL=1	Matrix-MSH 7-16; Vult=120mp h; TCDL=4.2psf; B closed; MWFRS (r ner(3E) -0-10-8 to -11-8, Corner(3R) 21-11-8 to 38-9-8 d; end vertical left and forces & MW =1.60 plate grip D ned for wind loads uds exposed to wir d Industry Gable E ialified building de: 7-16; Pr=20.0 psi 1.25); Pg=15.0 psi	oh (3-sec ICDL=6. envelope 2-11-0, 17-11-8 zone; cr and rigi FRS for IOL=1.6 in the p nd (norm in the p nd (norm f (roof L) f (roof L) f (Pf=10.4	cond gust) Opsf; h=25ft; e) exterior zo Exterior(2N) to 21-11-8, antilever left : to 21-11-8, antilever left : reactions sh ane of the tr al to the face ills as applica s per ANSI/T : Lum DOL=	Cat. inne and i-C own; uss e), ible, PI 1. :1.25				Weight: 269 lb	FT = 20%
LUMBER TOP CHORD 2x4 SP N BOT CHORD 2x4 SP N WEBS 2x4 SP N OTHERS 2x4 SP N BRACING TOP CHORD Structural 10-0-0 oc BOT CHORD Rigid ceili bracing. WEBS 1 Row at MiTek re- required truss ere- Installatic REACTIONS All bearings (lb) - Max Horiz	No.2 No.3 No.3 *Excep ral wood shea oc purlins, ec siling directly at midpt recommends d cross brac rection, in ac	athing directly applied or accept end verticals. applied or 6-0-0 oc 11-32, 10-33, 9-34, 12-31, 3-30 that Stabilizers and ng be installed during	3) ,	Vasd=95mpi II; Exp C; En and C-C Cor 2-11-0 to 17. Exterior(2N) right exposes for memberss Lumber DOL Truss desig only. For stu see Standare or consult qu TCLL: ASCE Plate DOL=1	h; TCDL=4.2psf; B closed; MWFRS ( rner(3E) -0-10-8 to -11-8, Corner(3R)) 21-11-8 to 38-9-8 d; end vertical left and forces & MW =1.60 plate grip D ned for wind loads uds exposed to wir d Industry Gable E ualified building de :7-16; Pr=20.0 ps; .25); Pg=15.0 ps;	CDL=6. envelope 2-11-0, 17-11-8 zone; ci and rigi FRS for OL=1.60 in the p not (norm nd Deta signer a f (roof LI ; Pf=10.4	Dpsf; h=25ft; a) exterior zo Exterior(2N) to 21-11-8, antilever left at tt exposed;C reactions sh b) lane of the tr al to the face ils as applicat s per ANSI/T i.: Lum DOL= l psf (Lum	and C own; uss e), able, PI 1. -1.25				Weight: 269 lb	FT = 20%
TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No WEBS 2x4 SP No OTHERS 2x4 SP No OTHERS 2x4 SP No BRACING TOP CHORD Structural 10-0-0 oc BOT CHORD Rigid ceili bracing. WEBS 1 Row at MiTek rea required truss erea Installatic REACTIONS All bearings (lb) - Max Horiz	No.2 No.3 *Excep al wood she oc purlins, e eiling directly at midpt recommends d cross brac rection, in ac	athing directly applied or accept end verticals. applied or 6-0-0 oc 11-32, 10-33, 9-34, 12-31, 3-30 that Stabilizers and ng be installed during	3) ,	Vasd=95mpi II; Exp C; En and C-C Cor 2-11-0 to 17. Exterior(2N) right exposes for memberss Lumber DOL Truss desig only. For stu see Standare or consult qu TCLL: ASCE Plate DOL=1	h; TCDL=4.2psf; B closed; MWFRS ( rner(3E) -0-10-8 to -11-8, Corner(3R)) 21-11-8 to 38-9-8 d; end vertical left and forces & MW =1.60 plate grip D ned for wind loads uds exposed to wir d Industry Gable E ualified building de :7-16; Pr=20.0 ps; .25); Pg=15.0 ps;	CDL=6. envelope 2-11-0, 17-11-8 zone; ci and rigi FRS for OL=1.60 in the p not (norm nd Deta signer a f (roof LI ; Pf=10.4	Dpsf; h=25ft; a) exterior zo Exterior(2N) to 21-11-8, antilever left at tt exposed;C reactions sh b) lane of the tr al to the face ils as applicat s per ANSI/T i.: Lum DOL= l psf (Lum	and C own; uss e), able, PI 1. -1.25					
REACTIONS All bearings (lb) - Max Horiz	tion guide.		1				budh Cat C: I	Fullv					
Max Grav FORCES (Ib) - Max. (Ib) or less TOP CHORD 7-8=-70/2 9-10=-108 11-12=-12	gs 37-11-0. z 41=-201 (l ft All uplift 11 25, 26, 27 35, 36, 37 23=-105 (l 40=-188 (l 40=-118 (l 40=-188 (	00 (lb) or less at joint(s) 28, 29, 30, 31, 33, 34, 38, 39, 41 except C 16), 24=-121 (LC 17), C 16) 1s 250 (lb) or less at joint 26, 27, 28, 29, 30, 31, 36, 37, 38, 39, 40, 41 =361 (LC 37), 32=266 ex. Ten All forces 250 then shown. 19/314, 9-46=-78/318, 1=-127/424, 13=-108/375, 5=-70/262	6) 7) 8) 10) 11) 12) 13) 14)	Unbalanced design. This truss ha load of 12.0 overhangs n All plates are Plates check about its cere Gable requir Gable studs This truss ha chord live loa * This truss ha chord live loa * This truss ha chord live loa * This truss fa on the bottor a.06-00 tall I chord and ar Provide mec bearing plate (s) 41, 33, 33 25 except (jt This truss is	b; Cs=1.00; Ct=1.1 snow loads have b as been designed f psf or 2.00 times f on-concurrent with 224 MT20 unless ted for a plus or m ter. es continuous bott spaced at 2-0-0 o as been designed ad nonconcurrent as been designed n chord in all area by 2-00-00 wide wi y other members. hanical connection e capable of withst 4, 35, 36, 37, 38, 3 =lb) 40=188, 24=1 designed in accor	for great lat roof lin o other lin s other with s otherwith toom choic c. for a 10. with any d for a lin s where lif fit betw n (by oth anding 1 39, 31, 3 20, 23 = dance w	er of min roo bad of 10.4 p ve loads. se indicated. degree rotation d bearing. D psf bottom other live loa e load of 20. a rectangle veen the bott ers) of truss 00 lb uplift a 0, 29, 28, 27, 105. ith the 2018	f live sof on on ads. Opsf to to t joint , 26,					



lah	I		Truce Truce			DI:	0	Carlt- 7		£	1
Job Q015240-R	Truss		Truss Type		Qty	Ply	Capers,	Carlton D	U-K00	I	
	R7G		Common Supporte		1	1		erence (op			
Load Star®, Lavon	nia, GA 30553, BAC			Run: 8.7 S 0 Mar 22						-	36 Page: 1 95gCxOu6jWSYWzDw0V
		-0-10-8	3			!	5 -	,		- , - , - , - , - , - , - , - , - , - ,	15-9-8
				7-5-8				14-1	1-0		
		() 0-10-8		7-5-8		1		7-5	-8		1 0-10-8
		0-10-0									0-10-0
						4x4 =					
						6					
Ì				_12 6г 5							
				6 5	/		7				
	<del>~</del>			4 1		ST4		TI	8		
4-5-15	4-2-11		25	ST3			ST3		nr L	_ 26	
4	7		3	ST2				S	T2	9	
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			18	17 16		15	14		13	12	
			3x4 =								3x4 =
			/			14-11-0					
											1
oading	(psf)	Spacing	2-0-0	CSI		DEFL	in (lo	c) l/defl	L/d	PLATES	GRIP
CLL (roof)	20.0	Plate Grip DOL	1.25	TC		Vert(LL)	n/a	- n/a	999	MT20	244/190
Snow (Pf/Pg) FCDL	10.4/15.0 10.0	Lumber DOL Rep Stress Incr	1.25 YES	BC WB		Vert(CT) Horz(CT)	n/a 0.00 1	- n/a 3 n/a	999 n/a		
BCLL BCDL	0.0* 10.0	Code	IRC2018/TPI2014	Matrix-MSH						Weight: 71 lb	FT = 20%
OTHERS 2 BRACING TOP CHORD BOT CHORD BOT CHORD BOT CHORD (b) - M (b) - M (c) -	10-0-0 oc purlins. Rigid ceiling directly bracing. MiTek recommend required cross bra truss erection, in a Installation guide. Il bearings 14-11-0. Max Horiz 2=-80 (LC Max Uplift All uplift 2, 12, 13 Max Grav All reacting (s) 2, 12, (lb) - Max. Comp./M. (lb) or less except volume 1 roof live loads have E 7-16; Vult=120mp bh; TCDL=4.2psf; Bin nclosed; MWFRS (emer(3E) -0-10-8 to rmer(3E) -0-10-8 to rmer(3E) -0-8 to 100 rmer(3E) -0-10-8 to rmer(3E)	C 17), 19=-80 (LC 17) 100 (lb) or less at join , 14, 16, 17, 18, 19 ons 250 (lb) or less at 13, 14, 15, 16, 17, 14 Aax. Ten All forces : when shown. e been considered fo h (3-second gust) CDL=6.0psf; h=25ft; ( envelope) exterior zor 2-1-8, Exterior(2N) 10 0-5-8, Exterior(2N) 2 0-5-8, Exterior(2N) 2 0-5-8, Exterior(2N) 10 0-5-6, remembers and shown; Lumber	<ul> <li>All plates are about its cere 9) Gable requir 10) Gable studs 11) This truss ha chord live loa 12) * This truss 1 on the bottom 3-06-00 tall 1 chord and ar 13) Provide mec bearing plate (s) 2, 16, 17, 14) This truss is International R802.10.2 a</li> <li>t joint 8, 19 250</li> <li>r this</li> <li>Cat. ne -1-8 0-5-8 d</li> <li>uss ), ble,</li> </ul>	es continuous bottor spaced at 2-0-0 oc. as been designed for ad nonconcurrent wi has been designed f m chord in all areas by 2-00-00 wide will ny other members. thanical connection ( e capable of withstar , 18, 14, 13, 12, 2. designed in accorde Residential Code s nd referenced stand	s otherwi us 20 de m chord r a 10.0 j ith any o for a live where a fit betwe (by other nding 10 ance with ections F	se indicated gree rotation bearing. osf bottom ther live load load of 20.0 rectangle en the botto s) of truss to 0 lb uplift at n the 2018 R502.11.1 an	n Js. psf m o joint				
<ul> <li>TCLL: ASCE</li> <li>Plate DOL=</li> <li>DOL=1.15 F</li> <li>Exp.; Ce=0.9</li> </ul>	E 7-16; Pr=20.0 psf 1.25); Pg=15.0 psf; Plate DOL=1.15); Is 9; Cs=1.00; Ct=1.1	(roof LL: Lum DOL= Pf=10.4 psf (Lum =1.0; Rough Cat C; F	1.25 Tully								



staggered at 0-9-0 oc.

- Web connected as follows: 2x4 1 row at 0-9-0 oc, Except member 2-8 2x4 - 1 row at 0-3-0 oc.
- 13) Use MiTek HUS26 (With 14-16d nails into Girder & 6-16d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 2-0-12 from the left end to 12-0-12 to connect truss(es) R1 (1 ply 2x4 SP) to front face of bottom chord.

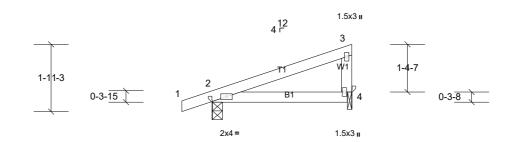
Job	Truss		Truss Type		Qty	Ply	Capers, Ca		I-Root	f	]
Q015240-R	R8		Common			Piy 1				I	
	nia, GA 30553, BAC		Common	Pup: 8750 Mar /	22 2023 Print: 1		Job Refere			Ion May 22 15:45:	36 Dogo: 1
	iiia, on 30355, dag		<u> </u>	5-11-8 5-11-8					veZYA2	-	36 Page: 1 IZMsxO92LNF04zzDw0U
	4-10-14	0-7- <u>15</u>	3) 2 HWVT 1 3x5 II	8 <sup>12</sup> 16 71	4x4 3 W1 7 1.5x3	<u>B1</u>	12 17	3x4 \$ 4	3x!	5 6	
			<u> </u>	<u>5-11-8</u> 5-11-8			<u>11-11-0</u> 5-11-8				
Plate Offsets (X	(, Y): [5:Edge,0-0-0]										
Loading TCLL (roof) Snow (Pf/Pg) TCDL BCLL BCDL	(psf) 20.0 10.4/15.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.25 1.25 YES IRC2018/TPI2014	CSI TC BC WB Matrix-MSH	0.35 Ve	t(LL) t(CT) -	in (loc) 0.05 7-10 0.07 7-10 0.02 1	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 55 lb	<b>GRIP</b> 244/190 FT = 20%
	2x4 SP No.2 2x4 SP No.3 Left 2x4 SP No.3 2-6-0 Structural wood she 6-0-0 oc purlins. Rigid ceiling directly bracing. MiTek recommend required cross brac truss erection, in a Installation guide.	2-6-0, Right 2x4 SP f eathing directly applie y applied or 10-0-0 oc s that Stabilizers and cing be installed durin ccordance with Stabil	<ul> <li>load of 12.0 overhangs n</li> <li>Plates check about its cer</li> <li>This truss ha chord live loa</li> <li>This truss la on the bottoon</li> <li>3-06-00 tall chord and an</li> <li>One RT7A M truss to bear connection is forces.</li> <li>This truss is International</li> </ul>	as been designed f psf or 2.00 times f ion-concurrent with ked for a plus or m iter. as been designed f ad nonconcurrent i has been designed m chord in all area by 2-00-00 wide wi ny other members. diTek connectors r ring walls due to U s for uplift only anc designed in accorr I Residential Code ind referenced star	lat roof load of nother live lo inus 20 degru- for a 10.0 psf with any other I for a live loa s where a re- II fit between ecommende PLIFT at jt(s) I does not co dance with th sections R50	of 10.4 psf ads. ee rotation bottom r live loads id of 20.0p ctangle the botton d to connee 1 and 5. T nsider late e 2018 02.11.1 and	on sf n this ral				
FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalancer design. 2) Wind: ASC Vasd=95mj II; Exp C; E and C-C E> 5-11-8, Ext to 12-9-8 zr vertical left forces & MI DOL=1.60 3) TCLL: ASC Plate DOL= DOL=1.15	Max Horiz 1=-124 (L Max Uplift 1=-99 (LC Max Grav 1=475 (L: (lb) - Max. Comp./lv (lb) or less except w 1-2=-325/0, 2-16= 3-17=-455/204, 4-1 1-7=-241/387, 5-7= 3-7=-1/264 d roof live loads have E 7-16; Vult=120mpl ph; TCDL=4.2psf; BC inclosed; MWFRS (e terior(2E) 0-0-0 to 3 erior(2R) 5-11-8 to 8 bone; cantilever left at and right exposed; C WFRS for reactions plate grip DOL=1.60 E 7-16; Pr=20.0 psf; =1.25); Pg=15.0 psf;	C 14), 5=-126 (LC 15) C 2), 5=531 (LC 2) lax. Ten All forces 2 /hen shown. l65/191, 3-16=-455/2/ 7=-466/190, 4-5=-312 -43/387 e been considered for h (3-second gust) CDL=6.0psf; h=25ft; C envelope) exterior zon -0-0, Interior (1) 3-0-C i-11-8, Interior (1) 3-0-	LOAD CASE(S) 250 05, 70 this Cat. e to 1-8 d								

1.1.1.	1_				D	0- 0				
Job Truss		russ Type		Qty	Ply 1	Capers, Ca	nton D	U-K001	I	
Q015240-R R8G	C	Common Supported		1	1	Job Referer				
Load Star®, Lavonia, GA 30553, BAC			Run: 8.7 S 0 Mar 2							6 Page: 1 ZQDxOJ2LNF04zzDw0U
									12-9-8	
		ļ	5-11-8			11-11-0				
			5-11-8	1		5-11-8			0-10-8	
									0 10 0	
			10	4x	4 =					
<u> </u>	<u> </u>		8 Г	4						
			1.5x3 <sub>1</sub>	· / A	$\sim$	1.5x3 <b>II</b>				
		1.9	5x3 u 3			5				
4	0		20 11	ST3		14 12	1.5x3 I			
4-10-14	4-7-10	2	ST2		S	ят2	6			
4							B			
		1					ST1	$\sim$	7	
	0-7-15				B1				8	
=									$\boxtimes$ $\lor$	
		1:		11		10	9			
		3x4 = 2x	(4 II 2x4 II	2x	4 u	2x4 II	2x4 II		3x4 =	
		,		11-11	-0				$\rightarrow$	
Loading (psf)	Spacing	2-0-0	CSI		FL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof) 20.0 Snow (Pf/Pg) 10.4/15.0	Plate Grip DOL Lumber DOL	1.25 1.25	TC BC		rt(LL) rt(CT)	n/a - n/a -	n/a n/a	999 999	MT20	244/190
TCDL 10.0 BCLL 0.0*	Rep Stress Incr Code	YES	WB Matrix-MSH	0.09 Ho	orz(CT)	0.00 9	n/a	n/a		
BCDL 0.0	Code	IRC2018/TPI2014							Weight: 68 lb	FT = 20%
BOT CHORD Rigid ceiling directly bracing. MiTek recommends required cross braci truss erection, in ac Installation guide. REACTIONS All bearings 11-11-0. (lb) - Max Horiz 1=-124 (L0 Max Uplift All uplift 10 1, 10, 12, 15), 13=- Max Grav All reaction (s) 1, 10, 7 (LC 27), 1	that Stabilizers and ing be installed during cordance with Stabilizer (C 10), 14=-124 (LC 10) (D0 (lb) or less at joint(s 14 except 9=-106 (LC 19 (LC 14) ns 250 (lb) or less at joint(s 2, 13, 14 except 9=27 1=307 (LC 2) ax. Ten All forces 25( hen shown. been considered for th (3-second gust) DL=6.0psf; h=25ft; Cal velope) exterior zone -0, Exterior(2N) 3-0-01 (1-8, Exterior(2N) 3-0-01 (1-8, Exterior(2N) 3-0-11 d right exposed ; end C for members and hown; Lumber n the plane of the truss I (normal to the face), d Details as applicable gner as per ANSI/TPI 1	<ul> <li>6) Plates check about its cent about its cent 7) Gable require 8) Gable studs 9) This truss hat chord live load 10) * This truss hat chord live load 10) * This truss hat on the bottom 3-06-00 tall bearing plate (s) 1, 12, 10, 12) This truss is a linternational R802.10.2 art LOAD CASE(S)</li> <li>a) his</li> <li>b) his</li> <li>c) his</li> <lic) his<="" li=""> <lic) his<="" li=""> <l< td=""><td>es continuous botto spaced at 2-0-0 oc s been designed for d nonconcurrent v as been designed n chord in all areas y 2-00-00 wide wil y other members. nanical connection capable of withsta 1 except (jt=lb) 13 designed in accorc Residential Code and referenced stan</td><td>nus 20 degr om chord be or a 10.0 ps vith any oth- for a live lo s where a re (by others) anding 100 1 ance with t sections R5</td><td>ee rotation earing. f bottom er live loads ad of 20.0p ctangle the bottom of truss to b uplift at jc 5. ne 2018 02.11.1 and</td><td>sf i</td><td></td><td></td><td></td><td></td></l<></lic)></lic)></ul>	es continuous botto spaced at 2-0-0 oc s been designed for d nonconcurrent v as been designed n chord in all areas y 2-00-00 wide wil y other members. nanical connection capable of withsta 1 except (jt=lb) 13 designed in accorc Residential Code and referenced stan	nus 20 degr om chord be or a 10.0 ps vith any oth- for a live lo s where a re (by others) anding 100 1 ance with t sections R5	ee rotation earing. f bottom er live loads ad of 20.0p ctangle the bottom of truss to b uplift at jc 5. ne 2018 02.11.1 and	sf i				

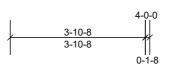
<b></b>	I					1-:				
Job	Truss		Truss Type		Qty	Ply	Capers, Ca	ariton DU-F	Roof	
Q015240-R	R8X		Common Girder		1	2	Job Refere	<u>, , , , , , , , , , , , , , , , , , , </u>	,	
Load Star®, Lavo	onia, GA 30553, BAC			Run: 8.7 S 0 Mar 22					-	15:45:36 Page: 1 UkPEri4ZHAxFa2LNF04zzDw0U
			l.	5-11-8	,		11-11-0			
			1	5-11-8	1		5-11-8		7	
					4x5 I	ı				
					2					
				12 8Г						
				8		$\nearrow$				
		0		71	W1		ð 🔪			
		4-7-10								
		4						$\sim$		
			- 1					HW1	<u> </u>	
		0-7-15			Ш	B1				
			$\bigotimes$	11 12	4	1	3	14	$\bigotimes$	
			7x8=		M18AHS	65x10 m			7x8=	
									7.0-	
			HL	JS26 HUS26	HUS26	6 HUS	S26 H	US26		
			1		I				I	
			¢	<u>5-11-8</u> 5-11-8			<u>11-11-0</u> 5-11-8		$\rightarrow$	
Plate Offsets ()	(, Y): [1:Edge,0-2-1	3] [3·Edge 0-2-13]	1	0.1.0	I		0.110			
			0.0.0				i (1	1/-1		
Loading TCLL (roof)	(psf) 20.0	Spacing Plate Grip DOL	2-0-0 1.25	TC		5 <b>FL</b> rt(LL) -0	in (loc) ).08 4-10		L/d <b>PLATES</b> 240 MT20	S GRIP 244/190
Snow (Pf/Pg) TCDL	10.4/15.0 10.0	Lumber DOL Rep Stress Incr	1.25 NO	BC WB		· · ·	).14 4-10 ).01 1		80 M18AHS	5 186/179
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH		-()				
BCDL	10.0								weight:	113 lb FT = 20%
LUMBER TOP CHORD	2v4 SD No 2			E 7-16; Pr=20.0 psf 1.25); Pg=15.0 psf;			5			
BOT CHORD	2x6 SP 2400F 2.0E	E	DOL=1.15 F	Plate DOL=1.15); Is= 9; Cs=1.00; Ct=1.10	:1.0; Rough		у			
WEBS WEDGE	2x4 SP No.2 Left: 2x4 SP No.3		<ol><li>All plates ar</li></ol>	e MT20 plates unles	s otherwise					
BRACING	Right: 2x4 SP No.3	3	about its ce		Ū					
		eathing directly applie		as been designed fo ad nonconcurrent w						
BOT CHORD	4-7-5 oc purlins. Rigid ceiling direct	ly applied or 10-0-0 oc	) * This truss	has been designed m chord in all areas	for a live loa	ad of 20.0ps				
	bracing.		3-06-00 tall	by 2-00-00 wide will						
REACTIONS	3=3382/0	0-3-8, (min. 0-1-15), 0-3-8, (min. 0-2-0)	10) Two RT7A I	ny other members. MiTek connectors re						
	Max Horiz  1=-113 (l Max Uplift  1=-1043	LC 6) (LC 10), 3=-1066 (LC		ring walls due to UP is for uplift only and						
	Max Grav 1=4651 (	(LC 3), 3=4786 (LC 3) Max. Ten All forces 2	forces.	designed in accord	ance with th	ne 2018				
	(lb) or less except v	when shown.	Internationa	I Residential Code s and referenced stand	ections R5	02.11.1 and				
	1-2=-5524/1264, 2- 1-11=-991/4554, 1		12) Use MiTek	HUS26 (With 14-16c	l nails into (	Girder & 6-1				
	4-12=-991/4554, 4- 13-14=-991/4554, 3		starting at 2	uss) or equivalent sp -0-12 from the left e	nd to 10-0-1	12 to connect				
WEBS	2-4=-1219/5739		truss(es) R4 face of botto	(1 ply 2x4 SP), R5 om chord.	(1 ply 2x4 S	SP) to back				
,		ether with 10d (0.131		oles where hanger is allations of RT7A rec			r.			
nails as fol Top chords		ws: 2x4 - 1 row at 0-9-	ties to be in	stalled on opposite s	ides of top		bid			
oc.	ords connected as fo		LOAD CASE(S)	ence in single ply tru Standard						
staggered	at 0-6-0 oc.		1) Dead + Sn Increase=1	ow (balanced): Lum .15	ber Increas	e=1.15, Plat	te			
2) All loads a	e considered equall	4 - 1 row at 0-5-0 oc. ly applied to all plies,	Uniform Lo		-20					
		eack (B) face in the LC nnections have been	Concentra	ted Loads (lb)						
provided to		s noted as (F) or (B),	Vert: 4=- 14=-118	-1193, 11=-1193, 12 8	=-1193, 13	=-1193,				
3) Unbalance		e been considered fo								
	E 7-16; Vult=120mp									
		CDL=6.0psf; h=25ft; ( envelope) exterior zor								
		d ; end vertical left an .60 plate grip DOL=1.								
.igitt oxp03	,									

Job	Truss	Truss Type	Qty	Ply	Capers, Carlton DU-Roof
Q015240-R	R9	Monopitch	3	1	Job Reference (optional)

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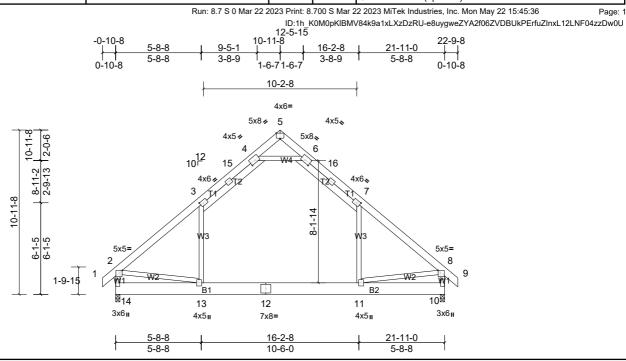


One RT7A

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.25	TC	0.19	Vert(LL)	0.01	4-7	>999	240	MT20	244/190
Snow (Pf/Pg)	10.4/15.0	Lumber DOL	1.25	BC	0.17	Vert(CT)	-0.02	4-7	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	n/a	-	n/a	n/a		
BCLL BCDL	0.0* 10.0	Code	IRC2018/TPI2014	Matrix-MP							Weight: 15 lb	FT = 20%
	10.0										Weight. 15 lb	1 1 - 2070
LUMBER TOP CHORD	2x4 SP No 2			has been designe m chord in all area			.0psf					
	2x4 SP No.2			by 2-00-00 wide w			tom					
WEBS	2x4 SP No.3			ny other members								
BRACING				pint(s) 4 considers			е					
TOP CHORD		eathing directly applied		TPI 1 angle to grain ould verify capacity								
		xcept end verticals.		chanical connectio			to					
BOT CHORD	Rigid ceiling directi bracing.	y applied or 10-0-0 oc		e at joint(s) 4.		, 						
		is that Stabilizers and		/liTek connectors i ring walls due to U								
		cing be installed during		s for uplift only and								
		ccordance with Stabilize	er forces.									
	Installation guide.			designed in accor								
REACTIONS		·3-8, (min. 0-1-8),		I Residential Code ind referenced sta			and					
		-1-8, (min. 0-1-8)	LOAD CASE(S)									
	Max Horiz 2=70 (LC	C 12), 4=-48 (LC 16)	(-)									
		.C 23), 4=149 (LC 23)										
FORCES	(lb) - Max. Comp./M	/lax. Ten All forces 25	0									
	(lb) or less except v	when shown.										
NOTES	C 7 46. Vult-100mm	h (2 accord quat)										
	E 7-16; Vult=120mp	CDL=6.0psf; h=25ft; Ca	t									
		envelope) exterior zone										
		o 2-1-8, Interior (1) 2-1-8	3									
		nd right exposed ; end										
	WFRS for reactions	C-C for members and shown: Lumber										
	plate grip DOL=1.60											
		(roof LL: Lum DOL=1.2	5									
	=1.25); Pg=15.0 psf;											
	).9; Cs=1.00; Ct=1.1	=1.0; Rough Cat C; Full 0	у									
		been considered for this										
design.												
		or greater of min roof liv at roof load of 10.4 psf o										
	non-concurrent with											
5) Plates che	cked for a plus or mi	nus 20 degree rotation										
about its co												
	has been designed for	or a 10.0 psf bottom with any other live loads										
		man any ounce live lodus.	•									

Job	Truss	Truss Type		Qty	Ply	Capers, Ca	rlton DI	U-Roo	f	]
	R9G	Monopitch Support	ed Gable	1	1					
.oad Star®, Lavonia, GA 30553, E				22 2023 Print: 8		Job Refere 2 2023 MiTek			/on May 22 15:45:3	6 Page: 1
., ,,									-	ZQSxPj2LNF04zzDw0U
		-0-10-8	4.2.0	1		44.0.0				
		0-10-8	4-3-8 4-3-8			<u>11-0-0</u> 6-8-8				
		1 1		I					ļ	
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	_									
							$\bigcirc$	/		
15			1 <u>2</u> 4 ∟	1.5x3 <b>I</b>	9	$\bigcirc$				
4-3-3 3-11-15			- T I	3						<u> </u>
				W1						Ņ
	,	2								1-9-2
	0-3-15		B1	5						
<u> </u>				××1						
		3x4 =		3x5 ш						
			4-3-8							
		,	4-3-0							
Plate Offsets (X, Y): [5:0-3-0,	0-1-8]	I		I						
_oading ()	osf) Spacing	2-0-0	CSI	DE	FL	in (loc)	l/defl	L/d	PLATES	GRIP
CLL (roof) 2 Snow (Pf/Pg) 10.4/1	0.0 Plate Grip DOL 5.0 Lumber DOL	1.25 1.25	TC BC		• •	0.01 5-8 0.02 5-8	>999 >999	240 180	MT20	244/190
TCDL 1	0.0 Rep Stress Incr 0.0* Code	YES IRC2018/TPI2014	WB Matrix-MP		. ,	0.00 4	n/a	n/a		
	0.0 Code	11(02010/1712014	Wat IX-IVIF						Weight: 27 lb	FT = 20%
BOT CHORD Rigid ceiling of bracing. MiTek recom required cros truss erection Installation g REACTIONS All bearings 4-3 (lb) - Max Horiz 2=7 Max Uplift All 2, 6 (LC Max Grav All (s) FORCES (lb) - Max. Co	ns, except end verticals. lirectly applied or 10-0-0 c mends that Stabilizers an s bracing be installed duri n, in accordance with Stab- Jake except 4= Mechanical 46 (LC 12), 6=146 (LC 12) uplift 100 (lb) or less at join except 4=-114 (LC 12), 5 16) eactions 250 (lb) or less at 2, 4, 6 except 5=469 (LC 22) mp./Max. Ten All forces appt when shown. 3-5=-440/842 20mph (3-second gust) osf; BCDL=6.0psf; h=25ft; RS (envelope) exterior zor Le to 2-1-8, Exterior(2N) 2 sed;C-C for members and tions shown; Lumber =1.60 oads in the plane of the tr o wind (normal to the face ble End Details as applica g designer as per ANSI/T 0 psf (roof LL: Lum DOL= 0 psf; Is=1.0; Rough Cat C; I	<ul> <li>load of 12.0 overhangs n</li> <li>Plates check about its cer</li> <li>Gable studs</li> <li>This truss ha chord live lox</li> <li>* This truss ha chord live lox</li> <li>9) * This truss la chord and at</li> <li>10) Refer to gird</li> <li>11) Provide med bearing plate (s) except (it</li> <li>12) One RT7A N truss to bear</li> <li>at joint</li> <li>250</li> <li>Cat. ine</li> <li>2-1-8</li> <li>and</li> <li>ble, PI 1.</li> <li>125</li> </ul>	spaced at 2-0-0 of as been designed to an onconcurrent in has been designed m chord in all area by 2-00-00 wide win hy other members. er(s) for truss to the hanical connections e capable of withst =lb) 4=113. MiTek connectors r ing walls due to U s for uplift only and designed in accor Residential Code nd referenced star	lat roof load of n other live loa inus 20 degre c. for a 10.0 psf with any othe d for a live loa is where a reo ill fit between russ connection (by others) tanding 100 lb recommended PLIFT at jt(s) d does not coo dance with th sections R50	of 10.4 psf c ads. er rotation bottom r live loads. d of 20.0ps stangle the bottom ons. of truss to o uplift at joi d to connec 2 and 5. Th nsider later e 2018 02.11.1 and	on .f Int t nis al				

Job	Truss	Truss Type	Qty	Ply	Capers, Carlton DU-Roof	
Q015240-R	R10	Attic	6	1	Job Reference (optional)	
Load Star®, Lavonia, GA 30553	, BAC	Run: 8.7 S 0 Mar 22 2	2023 Print: 8	700 S Mar 2	2 2023 MiTek Industries, Inc. Mon May 22 15:45:36	Page: 1

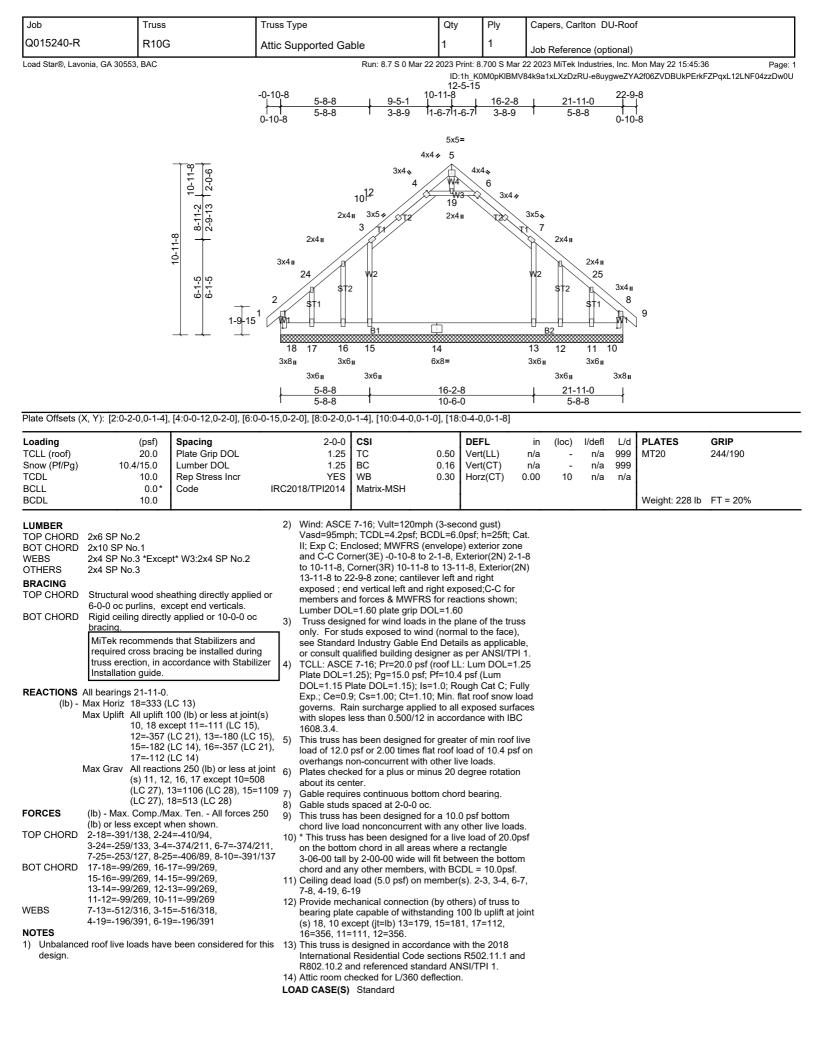


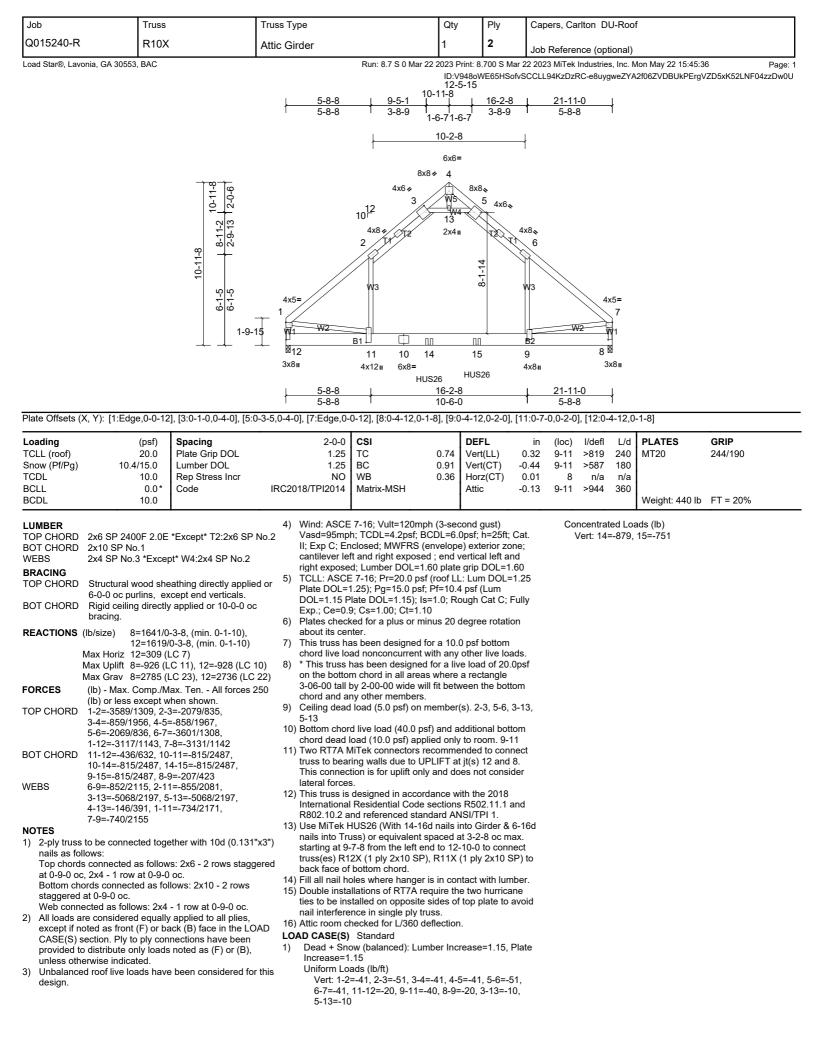
#### Plate Offsets (X, Y): [2:0-3-4,0-3-8], [3:0-2-12,0-2-0], [4:0-3-14,0-1-14], [5:0-3-0,Edge], [6:0-4-3,0-2-0], [7:0-2-12,0-2-0], [8:0-3-4,0-3-8]

Loading TCLL (roof) Snow (Pf/Pg)	(psf) 20.0 10.4/15.0	<b>Spacing</b> Plate Grip DOL Lumber DOL	2-0-0 1.25 1.25	CSI TC BC	0.78 0.61	<b>DEFL</b> Vert(LL) Vert(CT)		(loc) 11-13 11-13	l/defl >999 >865	L/d 240 180	PLATES MT20	<b>GRIP</b> 244/190
TCDL BCLL	10.0 10.0 0.0*	Rep Stress Incr Code	YES IRC2018/TPI2014	WB Matrix-MSH	0.30	Horz(CT) Attic	0.01	10 11-13	n/a	n/a 360		
BCDL	10.0										Weight: 224 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS BRACING TOP CHORD BOT CHORD	2x10 SP No.1 2x4 SP No.3 *Excep Structural wood she 6-0-0 oc purlins, ex Rigid ceiling directly bracing. MiTek recommend required cross brac	eathing directly applied c	2 Plate DOL= DOL=1.15 F Exp.; Ce=0. 4) This truss ha load of 12.0 overhangs r 5) Plates checl about its cer 6) This truss ha chord live lo 7) * This truss on the botto 3-06-00 tall	as been designed ad nonconcurrent has been designe m chord in all area by 2-00-00 wide w	f; Èf=10.4 s=1.0; Re 10 for great flat roof l h other li hinus 20 for a 10. with any d for a liv as where <i>i</i> ll fit betw	‡ psf (Lum bugh Cat C; er of min roc bad of 10.4 µ ve loads. degree rotati 0 psf bottom other live lo e load of 20 a rectangle	Fully of live osf on ion ads. .0psf					
	14=856/0 Max Horiz 14=333 (I Max Uplift 10=-99 (L	-3-8, (min. 0-1-9), -3-8, (min. 0-1-9) LC 13) .C 15), 14=-99 (LC 14) (LC 28), 14=1307 (LC 2	<ol> <li>Ceiling deac</li> <li>Bottom chor</li> <li>chord dead</li> <li>One RT7A M</li> </ol>	ny other members I load (5.0 psf) on d live load (40.0 p load (10.0 psf) ap /iiTek connectors ring walls due to L	member osf) and a plied only recomme	dditional bot to room. 11 ended to con	ttom I-13 inect					
FORCES	(lb) - Max. Comp./M (lb) or less except w	lax. Ten All forces 250 /hen shown		tion is for uplift on								
TOP CHORD	2-3=-1475/107, 3-1	5=-949/189, =-103/722, 5-6=-103/722 6=-949/189,	11) This truss is 2, Internationa R802.10.2 a 12) Attic room c	designed in acco Residential Code nd referenced sta hecked for L/360 d	e sections ndard AN	8 R502.11.1 NSI/TPI 1.						
BOT CHORD	13-14=-319/482, 12 11-12=0/1034	-13=0/1034,	LOAD CASE(S)	Standard								
WEBS		/617, 4-6=-1823/333, =-20/863										
NOTES	,											
<ol> <li>Unbalance</li> </ol>	ed roof live loads have	e been considered for th	is									

design.

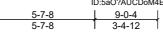
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -0-10-8 to 2-1-8, Interior (1) 2-1-8 to 10-11-8, Exterior(2R) 10-11-8 to 13-11-8, Interior (1) 13-11-8 to 22-9-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

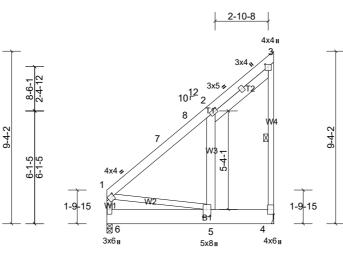


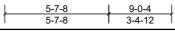


Job	Truss	Truss Type	Qty	Ply	Capers, Carlton DU-Roof
Q015240-R	R11	Roof Special	6	1	Job Reference (optional)

Run: 8.7 S 0 Mar 22 2023 Print: 8.700 S Mar 22 2023 MiTek Industries, Inc. Mon May 22 15:45:36 Page: 1 ID:5aO?AUCDoM4EoSjdXDoSSizDzRF-e8uygweZYA2f06ZVDBUkPEreAZN5xM\_2LNF04zzDw0U







### Plate Offsets (X, Y): [1:0-1-0,0-1-12], [2:0-1-4,0-1-8], [3:0-1-8,0-2-0], [4:Edge,0-3-8], [5:0-4-12,0-2-4]

					-						
(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
20.0	Plate Grip DOL	1.25	TC	0.89	Vert(LL)	0.05	5-6	>999	240	MT20	244/190
10.4/15.0	Lumber DOL	1.25	BC	0.27		-0.06	5-6		180		
	Rep Stress Incr		WB	0.24	Horz(CT)	0.00	4	n/a	n/a		
	Code	IRC2018/TPI2014	Matrix-MSH								
10.0										Weight: 106 lb	FT = 20%
2x10 SP No.1 2x4 SP No.3 *Excep Structural wood she 6-0-0 oc purlins, ex Rigid ceiling directly bracing. 1 Row at midpt MiTek recommend: required cross brack	eathing directly applied of coept end verticals. 7 applied or 10-0-0 oc 3-4 s that Stabilizers and cing be installed during	on the botto 3-06-00 tall chord and a 6) Refer to girr 7) Provide me bearing plat 4. 8) One RT7A truss to bea connection forces. 9) This truss is Internationa	m chord in all area by 2-00-00 wide winy other members, ler(s) for truss to tr chanical connection e capable of withst MiTek connectors r ring walls due to U s for uplift only and designed in accor I Residential Code	s where ill fit betv, with BC uss conr h (by oth anding 2 ecomme PLIFT at d does no dance w sections	a rectangle veen the bott DL = 10.0ps nections. ers) of truss 02 lb uplift a inded to com jt(s) 6. This of consider la the 2018 r8502.11.1 a	tom if. to t joint nect ateral					
6=265/0-3 Max Horiz 6=368 (L0 Max Uplift 4=-202 (L	8-8, (min. 0-1-8) C 11) C 11), 6=-15 (LC 14)			enection							
		)									
		,									
5-6=-724/545	421/620										
ph; TCDL=4.2psf; BC rclosed; MWFRS (e kterior(2E) 0-1-12 to 3 one; cantilever left ar and right exposed;C WFRS for reactions s plate grip DOL=1.60 E 7-16; Pr=20.0 psf; Plate DOL=1.10; psf; Plate DOL=1.15); Is= 0.9; Cs=1.00; Ct=1.10 cked for a plus or mir enter. has been designed for	CDL=6.0psf; h=25ft; Cal nvelope) exterior zone 3-1-12, Interior (1) 3-1- dright exposed ; end -C for members and shown; Lumber (roof LL: Lum DOL=1.2 Pf=10.4 psf (Lum =1.0; Rough Cat C; Full ) hus 20 degree rotation or a 10.0 psf bottom	12 5 Y									
	20.0 10.4/15.0 10.0 0.0* 10.0 2x6 SP No.2 2x10 SP No.1 2x4 SP No.3 *Except Structural wood she 6-0-0 oc purlins, ex Rigid ceiling directly bracing. 1 Row at midpt MiTek recommend: required cross brac truss erection, in at Installation guide. (lb/size) 4=265/M 6=265/0-3 Max Horiz 6=368 (L0 Max Grav 4=548 (L0 (lb) - Max. Comp./M (lb) or less except w 1-7=-524/312, 7-8=- 1-6=-356/165 5-6=-724/545 2-5=-287/414, 1-5=- E 7-16; Vult=120mpf ph; TCDL=4.2psf; BC reclosed; MWFRS (exterior(2E) 0-1-12 to splate grip DOL=1.60 SE 7-16; Pr=20.0 psf =1.25); Pg=15.0 psf; Plate DOL=1.15); Is= .9; Cs=1.00; Ct=1.10 cked for a plus or mirenter. mas been designed for	20.0 10.4/15.0 10.4/15.0 10.0 10.0 2x6 SP No.2 2x10 SP No.1 2x4 SP No.3 *Except* W3:2x6 SP No.2 Structural wood sheathing directly applied of 6-0-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc bracing. 1 Row at midpt 3-4 MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide. (lb/size) 4=265/ Mechanical, (min. 0-1-8), 6=265/0-3-8, (min. 0-1-8) Max Horiz 6=368 (LC 11) Max Uplift 4=-202 (LC 11), 6=-15 (LC 14) Max Grav 4=548 (LC 26), 6=475 (LC 27) (lb) or less except when shown. 1-7=-524/312, 7-8=-508/313, 2-8=-500/338 1-6=-356/165 5-6=-724/545 2-5=-287/414, 1-5=-421/620 E 7-16; Vult=120mph (3-second gust) ph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cai inclosed; MWFRS (envelope) exterior zone xterior(2E) 0-1-12 to 3-1-12, Interior 1) 3-1- one; cantilever left and right exposed; end and right exposed; C-C for members and WFRS for reactions shown; Lumber plate grip DOL=1.60 E 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.2 =1.25); Pg=15.0 psf; Pf=10.4 psf (Lum Plate DOL=1.15); Is=1.0; Rough Cat C; Fulf) 9; CS=1.00; Ct=1.10 cked for a plus or minus 20 degree rotation enter. has been designed for a 10.0 psf bottom	20.0Plate Grip DOL1.2510.4/15.0Lumber DOL1.2510.00.0*CodeIRC2018/TPI201410.010.010.010.02x6 SP No.2CodeIRC2018/TPI20142x10 SP No.12x4 SP No.3 *Except* W3:2x6 SP No.25)* This truss on the botto 3-06-00 tall chord and chord or purlins, except end verticals.Rigid ceiling directly applied or 10-0-0 oc bracing.6)Refer to girc1 Row at midpt3-46)Refer to gircMiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.7)(Ib/size)4=265/ Mechanical, (min. 0-1-8), 6=265/0-3-8, (min. 0-1-8)6)6=265/0-3-8, (min. 0-1-8)606=265/0-3-8, (min. 0-1-8)7)Max Horiz6=368 (LC 11)Max Uplift 4=-202 (LC 11), 6=-15 (LC 14)Max Grav4=548 (LC 26), 6=475 (LC 27)(lb) - Max. Comp./Max. Ten All forces 250(lb) ro less except when shown. 1-7=-524/312, 7-8=-508/313, 2-8=-500/338, 1-6=-356/1655-6=-724/5452-5=-287/414, 1-5=-421/620E 7-16; Vult=120mph (3-second gust)ph; TCDL=4.2psf; BCDL=6.0psf; h=25f; Cat. Er.closed; MWFRS (envelope) exterior zone xterior(2E) 0-1.12 to 3-1-12, Interior (1) 3-1-12one; cantilever left and right exposed; end and right exposed; C-C for members and WFRS for reactions shown; Lumber plate grip DOL=1.60E 7-16; Vult=120mph (3-second gust)ph; TCDL=4.2psf; BCDL=6.0psf; h=25f; Cat. Er.716; Pr=20.0 psf (roof LL: Lum	<ul> <li>20.0 10.4/15.0 10.0</li></ul>	20.0       Plate Grip DOL       1.25       TC       0.89         10.4/15.0       Lumber DOL       1.25       BC       0.27         10.0       Rep Stress Incr       YES       WB       0.24         2x6 SP No.2       Code       IRC2018/TPI2014       Matrix-MSH         2x6 SP No.1       3.4       Structural wood sheathing directly applied or 10-0-0 cc bracing.       5)       * This truss has been designed for a liv on the bottom chord in all areas where 3-06-00 tall by 2-00-00 wide will ft betwich ord and any other members, with BC         1 Row at midpt       3.4       Sole-00 tall by 2-00-00 wide will ft betwich ord and any other members, with BC         1 Row at midpt       3.4       One RT7A MiTek connectors recomme truss to bearing walls due to UPLIFT at connection is for uplift only and does no forces.         1 (b/size)       4=265/Mechanical, (min. 0-1-8), 6=256/0-3.8, (min. 0-1-8), 6=256/0-3.48, (min. 0-1-8), 6=256/0-3.48, (min. 0-1-8), 6=256/0-3.48, (min. 0-1-8), 6=256/0-3.48, (min. 0-1-18), 6=256/0-3.48, (min. 0-1-8), 6=256/0-3.48, (min. 0-1-18), 6=250 (mod L12, 10-20 (mod L	20.0       Plate Grip DOL       1.25       TC       0.89       Vert(LL)         10.4/15.0       Lumber DOL       1.25       BC       0.27       Horz(CT)         0.0*       Code       IRC2018/TPI2014       Matrix-MSH       Horz(CT)       Horz(CT)         2x6 SP No.2       2x10 SP No.1       Structural wood sheathing directly applied or 6.0-0 oc purlins, except end verticals.       Single celling directly applied or 10-0-0 oc bracing.       5)       * This truss has been designed for a live load of 20.0 on the bottom chord in all areas where a rectangle 3.06-00 tall by 2-00-00 wide will fit between the bott chord and any other members, with BCDL = 10.0pe to bracing.         1 Row at midpt       3.4       Sociol 10 is provide mechanical connection (by others) of truss to bearing walls due to UPLIFT at Jt(§) 6. This connectors recommended to con thracing.         1 Row at midpt       3.4         MiTek recommends that Stabilizers and required cross bracing be installed during truss to bearing walls due to UPLIFT at Jt(§) 6. This connection is for uplift only and does not consider la forces.         1 Bits truss is designed in accordance with the 2018         International Residential Code sections R502.11.1.1         10, Attic room checked for L/360 deflection.         1.6-356/165         5-6-724/K45         2-5-228/7415, 2-16.00, psf; h=25ft; Cat.         1.25); Pg=15.0 psf; Per10.4 psf (cof LL: Lum DOL=1.25         1.25); P	20.0       Plate Grip DOL       1.25       TC       0.89       Wer(LL)       0.05         10.4/15.00       Rep Stress Incr       YES       WC       0.07       0.00         10.0       Code       IRC2018/TPI2014       Matrix-MSH       Wer(CT)       0.00         2x6 SP No.2       Structural wood sheathing directly applied or 10-0-0 oc bracing.       * This truss has been designed for a live load of 20.0psf         1 Row at midpt       3-4       MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer       50       * This truss is designed in accordance with the 2018 International Residential Code sections R502 11.1 and R802 10.2 and referenced standard ANSI/TP1 1.         (b) Awax Comp./Max. Fan All forces 250       (b) Max. Comp./Max. Fan All forces 250       (b) Max. Comp./Max. Fan All forces 250         (b) Instrust 20.4pt R5 (structure) exterior 20.1.15       5-8-724/545       2-5-287/141, 1-5-421/820       Standard         E7 -16; Vult=120mph (3-second gust)       ph; TCDL=4.2pt f; BCDL=6.0pt f; h=-25f; Ccd. raniclosed; MWFRS (or recellop exterior 20.1 and right exposed; c: cd ro members and right exposed; errotation and right exposed; c: cd ro members and	20.0 10.4/15.0 10.0       Plate Grip DOL Lumber DOL 1.25       TC       0.89 BC       Vert(L1)       0.05       5-6         10.0       Rep Stress Incr       YES       WB       0.24       Vert(CT)       0.06       5-6         0.0*       10.0       Rep Stress Incr       YES       WB       Matrix-MSH       Vert(CT)       0.00       4         2x6 SP No.2       2x10 SP No.1       *This truss has been designed for a live load of 20.0psf       on the bottom chord in all areas where a rectangle       3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.       6         Structural wood sheathing directly applied or 10-0-0 oc bracing.       *This truss has been designed for a live load of 20.0psf       6         1 Row at midpt       3-4       7       Fordia members, with BCDL = 10.0psf.       6         1 Rev at midpt       3-4       0       One RT7A MITek connectors recommended to connect truss to bearing walls due to UPLFT at titos 6. This connection is for uplif only and des not consider lateral forces.         (b)size)       4-265/Mechanical, (min. 0-1-8), 6=265/0-38, (min. 0-1-8), 6=265/0-38, (min. 0-1-8), 6=265/0-38, (min. 0-1-8), 6=265/0-38, (min. 0-1-8), 6=265/0-324, (mon. 0-1-8), 6=265/0-324, (mon. 0-1-8), 6=26-724/545       2-2-287/414, 1-5-421/820         E7-16; Vult=120mph (3-second gust) (h); Max Cong Vartue 1, 10, 15-12 one; cantilever left and right exposed; .ed and right exposed; .ed for membe	20.0         Plate Grip DOL Lumber DOL 10.0         1.25         TC         0.89         Vert(L)         0.05         5-6         >999           10.0         0.0*         Cde         IRC2018/TPI2014         Matrix-MSH         Vert(CT)         0.06         5-6         >999           2x6 SP No.2         Structural wood sheathing directly applied or 6-0-0 cc purlins, except end verticals.         Rigd ceiling directly applied or 6-0-0 cc purlins, except end verticals.         F         No Truss to truss connections.         Provide mechanical connector (to yothers) of truss to bearing plate capable of withstanding 202 buplift at joint 4.         One RT7A MTek connectors recommende to connect truss to bearing waits due to UPLIT at it(s) 6. This connection is for uplift only and does not consider lateral frequired cross bracing be installed during truss erection, in accordance with Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizers installation guide.         One RT7A MTek connectors recommende to connect truss to bearing waits due to UPLIT at it(s) 6. This connection is for uplift only and does not consider lateral forces.         One RT7A MTek connectors R502.11.1 and R802.10.2 and referenced standard ANSI/TP1 1.           (b) Aris Comp./Max. Ten All forces 250 (b) or less except when shown.         This truss is designed in accordance with the 2018 There roces thread to make and wFRS for reactions shown.         Nom Carge Sign Sign Sign Sign Sign Sign Sign Sign	20.0       Pairs Ginp DOL       12.5       TC       0.89       Vert(L1)       0.05       5.6       >999       180         10.0       10.0       Rep Stress Incr       YES       WB       0.24       Vert(CT)       -0.06       5.6       >999       180         2x6 SP No.2       Cde       IRC2018/TPI2014       Matrix-MSH       Horz(CT)       0.00       4       n/a       n/a         2x6 SP No.2       2x10 SP No.1       2x45 SP No.3       *This truss has been designed for a live load of 20.0psf       onthe bottom chord in all areas where a rectangle       3.0-60.00 vide will fit between the bottom chord and any other members, with BCDL = 10.0psf.       Norther areas where a rectangle       3.0-60.00 vide will fit between the bottom chord in all areas where a rectangle       3.0-60.00 vide will fit between the bottom chord in all areas where a rectangle       3.0-60.00 vide will fit between the bottom chord in all areas where a rectangle       3.0-60.00 vide will fit between the bottom chord in all areas where a rectangle       3.0-60.00 vide will fit between the bottom chord in all areas where a rectangle       3.0-60.00 vide will fit between the bottom chord in all areas where a rectangle       3.0-60.00 vide will fit between the bottom chord in all areas where a rectangle       3.0-60.00 vide will fit between the bottom chord in all areas where a rectangle       3.0-60.00 vide will fit between the bottom chord in all areas where a rectangle       3.0-60.00 vide will fit bastond areas where a rectangle       3.0-60.00 vide	20.0         There Gin DOL         1.25         TC         0.89         Vert(L1)         0.05         5.6         5.999         240           10.0         No         Rep Stress Incr         YES         WE         0.27         Vert(L1)         0.06         5.6         5.999         240           20.0         Vert(L1)         0.00         4         n/a         Weight: 106 lb           2x6 SP No.2         Zx10 SP No.1         2.5         This truss has been designed for a live load of 20.0psf         4         n/a         Weight: 106 lb           2x6 SP No.2         Structural wood sheating directly applied or 10-0-0 or bracing.         5         * This truss has been designed for a live load of 20.0psf.         6         Feer to gird(ref) for truss to truss connections.           7) Provide mechanical connection (by others) of truss connections.         7) Provide mechanical connection (by others) of truss to bearing blact connection.         6         Feer to gird(ref) for truss to truss connections.         7) Provide mechanical connection (by others) of truss connections.         7) Provide mechanical connection (by others) of truss connections.         7) Provide mechanical connection (by others) of truss connections.         7) Provide mechanical connection.         7) Provide mechanical connection (by others) of truss connections.         7) Provide mechanical connection (by others) of truss connections.         7) Provide mechanical connection.         <

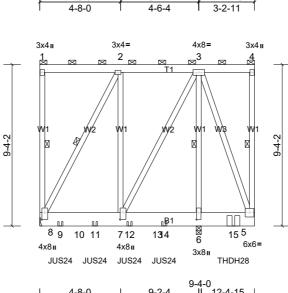
Job	Truss	Truss Type	Qty	Ply	Capers, Carlton DU-Roof
Q015240-R	R11X	Flat Girder	1	1	Job Reference (optional)

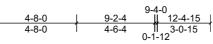
9-2-4

4-8-0

Load Star®, Lavonia, GA 30553, BAC

Run: 8.7 S 0 Mar 22 2023 Print: 8.700 S Mar 22 2023 MiTek Industries, Inc. Mon May 22 15:45:36 Page: 1 ID:1zWIbADTK\_Kx1mt0eeqwX7zDzRD-e8uygweZYA2f06ZVDBUkPErlWZOPxDY2LNF04zzDw0U 12-4-15

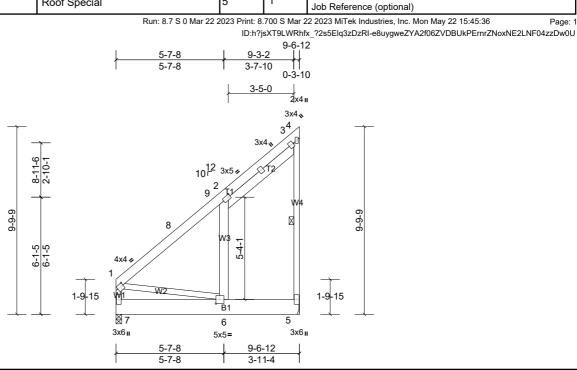




### Plate Offsets (X, Y): [6:0-4-12,0-1-8], [7:0-4-12,0-2-0], [8:0-4-12,0-2-0]

(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
20.0	Plate Grip DOL	1.25	TC	0.42	Vert(LL)	0.02	7-8	>999	240	MT20	244/190
15.4/15.0	Lumber DOL	1.25	BC	0.25	Vert(CT)	-0.02	7-8	>999	180		
10.0	Rep Stress Incr	NO	WB	0.78	Horz(CT)	0.00	6	n/a	n/a		
0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
10.0										Weight: 166 lb	FT = 20%
2x10 SP No.1 2x4 SP No.2 2-0-0 oc purlins (6-0 end verticals. Rigid ceiling directly bracing. 1 Row at midpt MiTek recommend required cross brac	y applied or 6-0-0 oc <u>1-8, 4-5, 3-6, 2-8</u> s that Stabilizers and cing be installed during	about its cen 6) This truss has chord live loa 7) * This truss f on the bottor 3-06-00 tall t chord and ar 8) Refer to gird 9) Provide mec bearing plate 8. 10) Two RT7A M truss to bear	ter. Is been designed in a been designed in chord in all area by 2-00-00 wide win by other members, er(s) for truss to tr hanical connection e capable of withst liTek connectors r ing walls due to U	for a 10.0 with any I for a liv s where III fit betv with BC uss conr th (by oth anding 6 ecomme PLIFT at	D psf bottom other live loa e load of 20. a rectangle veen the bott DL = 10.0ps rections. ers) of truss 197 lb uplift a ended to com	ads. Opsf tom tf. to t joint nect					
8=771/ M Max Horiz 8=-363 (L Max Uplift 6=-1065 Max Grav 6=2202 (I	echanical, (min. 0-1-8) .C 8) (LC 9), 8=-697 (LC 8) LC 25), 8=1416 (LC 26)	International R802.10.2 a 12) Graphical pu or the orienta	Residential Code nd referenced star rlin representation ation of the purlin a	sections idard AN i does no	R502.11.1 a ISI/TPI 1. ot depict the						
				naila int	o Cirdor 8 2	104					
	men snown.										
8-9=-295/425, 9-10		starting at 1-	2-4 from the left e	nd to 7-2	-4 to connec	t					
3-6=-1084/675, 3-7		9, chord.	,								
2-8=-854/482											
ph; TCDL=4.2psf; BG inclosed; MWFRS (e eft and right exposec ed; Lumber DOL=1.6 E 7-16; Pr=20.0 psf =1.25); Pg=15.0 psf; Plate DOL=1.15; lis- 9; Cs=1.00; Ct=1.10 pad governs. Rain s	CDL=6.0psf; h=25ft; Cal invelope) exterior zone; 1; end vertical left and 30 plate grip DOL=1.60 (roof LL: Lum DOL=1.2 Pf=15.4 psf (Lum =1.0; Rough Cat C; Full 0, Lu=50-0-0; Min. flat urcharge applied to all	left end to co face of botto 15) Fill all nail ho 16) Double insta ties to be ins 5 nail interfere LOAD CASE(S) 7 1) Dead + Sno Increase=1. Uniform Lo Vert: 1-4:	nnect truss(es) R m chord. les where hanger llations of RT7A re talled on opposite noce in single ply tr Standard ww (balanced): Lur 15 ads (lb/ft)	11 (1 ply is in cor equire th sides of uss.	2x10 SP) to stact with lum e two hurrica top plate to	front nber. ane avoid					
	20.0 15.4/15.0 10.0 0.0* 10.0 2x6 SP No.2 2x10 SP No.1 2x4 SP No.1 2x4 SP No.2 2-0-0 oc purlins (6-1 end verticals. Rigid ceiling directly bracing. 1 Row at midpt MiTek recommend required cross bract truss erection, in av installation guide. Ib/size) 6=1313/0 8=771/ M Max Horiz 8=-363 (L Max Uplift 6=-1065 M Max Grav 6=2202 (I (Ib) - Max. Comp./M (Ib) or less except w 2-3=-362/147 8-9=-295/425, 9-10: 10-11=-295/425, 9-10: 10-11=-295/425, 9-10: 10-11=-295/425, 7-7: 2-8=-854/482 E 7-16; Vult=120mpl ph; TCDL=4.2psf; BG inclosed; MWFRS (e eft and right exposed ed; Lumber DOL=1.6); Is: 9; Cs=1.00; Ct=1.10; oad governs. Rain suffaces with slopes Id	20.0       Plate Grip DOL         15.4/15.0       Lumber DOL         10.0       Rep Stress Incr         0.0*       Code         10.0       Rep Stress Incr         Code       Code         2x6 SP No.2       2x10 SP No.1         2x4 SP No.2       2-0-0 oc purlins (6-0-0 max.): 1-4, except end verticals.         Rigid ceiling directly applied or 6-0-0 oc bracing.       1-8, 4-5, 3-6, 2-8         MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.         Ib/size)       6=1313/0-3-8, (min. 0-2-10), 8=771/ Mechanical, (min. 0-1-8)         Max Horiz       8=-363 (LC 8)         Max Grav       6=2202 (LC 25), 8=1416 (LC 26)         (lb) - Max. Comp./Max. Ten All forces 250         (lb) - Tess except when shown.         2-3=-362/147         8-9=-295/425, 9-10=-295/425, 10-11=-295/425         3-6=-1084/675, 3-7=-494/929, 2-7=-235/629         2-8=-854/482         E 7-16; Vult=120mph (3-second gust)      <	20.0Plate Grip DOL1.2515.4/15.0Lumber DOL1.2510.0Rep Stress IncrNO0.0*CodeIRC2018/TPI201410.0CodeIRC2018/TPI20142x6 SP No.2SP No.1SP2x10 SP No.1SPSP2x4 SP No.2SPSP2-0-0 oc purlins (6-0-0 max.): 1-4, except end verticals.SPRigid ceiling directly applied or 6-0-0 oc bracing.SP1 Row at midpt1-8, 4-5, 3-6, 2-8MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.SPIb/size)6=1313/0-3-8, (min. 0-2-10), 8=771/ Mechanical, (min. 0-1-8) Max Horiz 8=-363 (LC 8) Max Grav 6=2202 (LC 25), 8=1416 (LC 26) (lb) - Max. Comp./Max. Ten All forces 250 (lb) or less except when shown. 2-3=-362/147 8-9=-295/425, 7-11=-295/425, 3-6=-1084/675, 3-7=-494/929, 2-7=-235/629, 2-8=-854/482SPE 7-16; Vult=120mph (3-second gust) oh; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. nclosed; MWFRS (envelope) exterior zone; eft and right exposed ; end vertical left and ed; Lumber DOL=1.60 plate grip DOL=1.60 res 1-10; lu=25/425, 7-11=-295/425 s-1-15; Pg=15.0 psf; Pf=15.4 psf (Lum Plate DOL=1.15); Is=1.0; Rough Cat C; Fully .9; Cs=1.00; Ct=1.10, Lu=50-0-0; Min. flat bad governs. Rain surcharge applied to all races with slopes less than 0.500/12 in1.2510Dead + SmDode + Sm11Graphicel puicture conection increase tarting at 1- truss(es) R11.216 dnails left end to cc face of botto15Filal nail he ties to be	20.0Plate Grip DOL1.25TC15.4/15.0Lumber DOL1.25BC0.0*CodeIRC2018/TPI2014Matrix-MSH2x6 SP No.2CodeIRC2018/TPI2014Matrix-MSH2x6 SP No.22x10 SP No.1SPlates checked for a plus or m about its center.2x4 SP No.2This truss has been designed 1 chord live load nonconcurrent v2v4 SP No.2This truss has been designed 1 chord live load nonconcurrent v2v4 SP No.2This truss has been designed 1 chord live load nonconcurrent v2v6 -0 oc purlins (6-0-0 max.): 1-4, except end verticals.This truss has been designed 1 chord live load nonconcurrent v1 Row at midpt1-8, 4-5, 3-6, 2-8MiTek recommends that Stabilizers and required cross bracing be installed during truss rection, in accordance with Stabilizer Installation guide.Ib/size)6=1313/0-3-8, (min. 0-2-10), 8=771/ Mechanical, (min. 0-1-8) Max Horiz 8=-363 (LC 8)Max Horiz 8=-363 (LC 8) Max Grav 6=2202 (LC 25), 8=1416 (LC 26) (lb) or less except when shown.2-3=-362/147 8-9=-295/425, 7-11=-295/425, 10-11=-295/425, 7-11=-295/425, 3-6=-1084/675, 3-7=-494/929, 2-7=-235/629, 3-6=-1084/675, 3-7=-494/929, 2-7=-235/629, 3-6=-1084	<ul> <li>20.0 15.4/15.0 10.0 15.4/15.0 10.0</li></ul>	20.0       Plate Grip DOL       1.25       TC       0.42       Vert(LL)         15.4/15.0       Lumber DOL       1.25       BC       0.25       Vert(LL)         10.0       Rep Stress Incr       NO       Ode       IRC2018/TPI2014       Matrix-MSH       Vert(CT)       Horz(CT)         2x6 SP No.2       2x10 SP No.1       This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live load of 20. on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0ps for truss to truss connections.         1.8 wat midpt       1-8.4-5.3-6.2-8       Provide mechanical connection (by others) of truss bracing.         1.8 wat midpt       1-8.4-5.3-6.2-8       Provide mechanical connection (by others) of truss to truss connections.         1.8 wat midpt       1-8.4-5.3-6.2-8       Provide mechanical connection (by others) of truss to truss connections.         1.8 wat midpt       1-8.4-5.3-6.2-8       Provide mechanical connection (by others) of truss to truss connections.         1.8 wat midpt       1-8.4-5.3-6.2-8       Provide mechanical connection (by others) of truss to truss connection.         1.8 wat midpt       1-8.4-5.3-6.2-8       Provide mechanical connection (by others) of truss to bearing plate constraing be installed during truss erection, in accordance with Stabilizers and required cross bracing be installed during truss to bearing plate mechanical co	20.0       Plate Grip DOL       1.25       TC       0.42       Vert(LL)       0.02         15.4/15.0       Lumber DOL       1.25       BC       0.24       Vert(LL)       0.02         0.0*       Code       IRC2018/TPI2014       Matrix-MSH       Matrix-MSH       Matrix-MSH         2x6 SP No.2       SP No.1       Status Photo       No       Matrix-MSH       Matrix-MSH         2x0 SP No.1       This truss has been designed for a 10.0 psf bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.         1 Row at midpt       1.8, 4.5, 3.6, 2.8         MTek recommends that Stabilizer sand required cross bracing be installed during truss erection, in accordance with Stabilizer sand required cross bracing be installed during truss erection, in accordance with Stabilizer 10-11-2.95/425, 7-11-2.9	20.0       Plate Grip DOL Lumber DOL Lumber DOL 10.0       1.25       TC       0.42       Vert(LL)       0.02       7.45         15.4/15.0       Lumber DOL Code       1.25       BC       0.25       Vert(CT)       0.00       6         2x6 SP No.2       Code       IRC2018/TPI2014       Matrix-MSH       Vert(CT)       0.00       6         2x6 SP No.2       2x10 SP No.1   Vert(LL)       0.02	20.0 15.4/15.0 10.0       Plate Grip DOL Lumber DOL 10.0       1.25 NO       TC       0.42 No       Vert(L1)       0.02 2.6       7.8       >999         10.0       0.0* 10.0       Code       1.25 NO       NO       BC       0.25 Matrix-MSH       Vert(CT)       0.02       7.8       >999         2x6 SP No.2 2x10 SP No.1       5       Plates checked for a plus or minus 20 degree rotation about its center.       1.00       6       n/a         2x4 SP No.2 2x4 SP No.1       7.4       Second for a live load conconcurrent with thany other live loads.       7       * This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.         2.0-0 oc purlins (6-0-0 max.): 1-4, except and verticals.       60-00 mat by 2-00-00 wide will fit between the bottom chord many other members, with BCDL = 10.0psf.       8         1 The truss has been designed for a 10.0 psf bottom chord and any other members, with BCDL = 10.0psf.       9       Provide mechanical connection.         1 This truss has been designed for a 10.0 psf.       8       Refer to gitder(S) for truss to trus connection.         1 The truss is designed in accordance with Stabilizer truss is designed in accordance with the 2018 International Residential Code sections.       10         1 Mark With 52-01       9       9       100       No RFT A MiTek connectors recommended to connect truss (segigned in accordance with the 2018 Internation dres ceclos not de	20.0       Ibide Ginp DOL Lumber DOL Nep Stress Incr       1.25       TC       0.42       Vert(CT)       0.02       7.8       >999       180         0.0*       Code       IRC2018/TPI2014       Matrix-MSH       Horz(CT)       0.00       6       n/a       n/a         2x6 SP No.2       2       Provide an optic o	20.0       Plate Grip DOL       1.25       TC       0.42       Vert(L1)       0.02       7.45       >999       240       MT20         15.4/15.0       Rep Stress Incr       NO       NO       WB       0.78       Yert(CT)       0.02       7.45       >999       100       Weight: 166 lb         2.0       0.0*       Code       IRC2018/TPI2014       Matrix-MSH       Weight: 166 lb       Weight: 166 lb         2.45 SP No.2       2.51 OS P No.1       2.52 SP No.2       51       Plates checked for a plus or minus 20 degree rotation about its center.       50       Plates checked for a plus or minus 20 degree rotation about its center.       50       Plates checked for a plus or minus 20 degree rotation about its center.       50       Provide mechanical connectornerm with any other live loads.       7       ************************************

Job	Truss	Truss Type	Qty	Ply	Capers, Carlton DU-Roof	
Q015240-R	R12	Roof Special	5	1	Job Reference (optional)	
Load Star®, Lavonia, GA 3	0553, BAC	Run: 8.7 S 0 Mar 22	2023 Print: 8	.700 S Mar 2	22 2023 MiTek Industries, Inc. Mon May 22 15:45:36	Page: 1



#### Plate Offsets (X, Y): [1:0-1-0,0-1-12], [2:0-1-4,0-1-8], [6:0-2-4,0-2-8]

(psf)	Spacing	2-0-0			DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
	Plate Grip DOL			0.27					-	MT20	244/190
				0.16	Horz(CT)	0.00	5	n/a	n/a		
	Code	IRC2018/TPI2014	Matrix-MSH								
10.0										Weight: 113 lb	FT = 20%
V3:2x6 SP No.2 Structural wood she -0-0 oc purlins, ex Rigid ceiling directly oracing. Row at midpt MiTek recommends required cross brace	athing directly applied cept end verticals. applied or 10-0-0 oc 4-5 s that Stabilizers and sing be installed during	on the botton 3-06-00 tall I chord and at 6) Refer to gird 7) Provide mec bearing plate 5. 8) This truss is International R802.10.2 a 9) Attic room cl LOAD CASE(S)	n chord in all area by 2-00-00 wide wi y other members, er(s) for truss to tr hanical connection e capable of withst designed in accor Residential Code nd referenced star necked for L/360 d	s where ill fit betw , with BC uss conr n (by oth anding 3 dance w sections ndard AN	a rectangle veen the bott DL = 10.0ps lections. ers) of truss 01 lb uplift a ith the 2018 R502.11.1 a ISI/TPI 1.	tom f. to t joint					
/size) 5=282/ M 7=282/0-3 ax Horiz 7=343 (L0	3-8, (min. 0-1-8) C 14)										
	,										
b) or less except w -8=-392/151, 8-9=- -7=-491/283 -6=-277/371, 1-6=- 7-16; Vult=120mph r; TCDL=4.2psf; BC closed; MWFRS (e erior(2E) 0-1-12 to 3 e; cantilever left and d forces & MWFRS =1.60 plate grip DC 7-16; Pr=20.0 psf; 125); Pg=15.0 psf; late DOL=1.15); ls= b; Cs=1.00; Ct=1.10 ed for a plus or mir ter.	hen shown. 376/176, 2-9=-365/177 285/498 h (3-second gust) CDL=6.0psf; h=25ft; Ca nvelope) exterior zone 3-1-12, Interior (1) 3-1- 1 right exposed ;C-C fo for reactions shown; DL=1.60 (roof LL: Lum DOL=1.2 Pf=10.4 psf (Lum :1.0; Rough Cat C; Full	t. 12 r									
	20.0 10.4/15.0 10.0 0.0* 10.0 10.0 10.0 10.0 10.0 x6 SP No.2 x10 SP No.1 x4 SP No.3 *Except V3:2x6 SP No.2 Structural wood she c-0 oc purlins, ex Rigid ceiling directly b; car a midpt MiTek recommends required cross brac truss erection, in ac Installation guide. /size) 5=282/ Mi 7=282/0-3 ax Horiz 7=343 (LC ax Grav 5=546 (LC b) - Max. Comp./M b) or less except w -8=-392/151, 8-9=- -7=-491/283 -6=-2777371, 1-6=- 7-16; Vult=120mph ; TCDL=4.2psf; BC closed; MWFRS (e erior(2E) 0-1-12 to 3; c; cantilever left anc d forces & MWFRS =1.60 plate grip DC 7-16; Pr=20.0 psf; ate DOL=1.15); Is= ; Cs=1.00; Ct=1.10;	20.0 10.4/15.0 10.4/15.0 10.0 10.4/15.0 10.0 10.0 10.0 10.0 10.0 10.0 Rep Stress Incr Code Code 20.0 Rep Stress Incr Code 20.0 Rep Stress Incr Code 20.0 20	20.0Plate Grip DOL1.2510.4/15.0Lumber DOL1.2510.0Rep Stress IncrYES0.0*CodeIRC2018/TPI201410.010.010.0x6 SP No.2CodeIRC2018/TPI2014x10 SP No.1Structural wood sheathing directly applied or3-06-00 tall to chor oc purlins, except end verticals.Rigid ceiling directly applied or 10-00 oc racing.6)* This truss is on the bottorRow at midpt4-5802 (10.2 m)MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.9)/size)5=282/Mechanical, (min. 0-1-8), 7=282/0-3-8, (min. 0-1-8)9)ax Grav5=546 (LC 26), 7=410 (LC 26)9)b) - Max. Comp./Max. Ten All forces 2509)b) or less except when shown8=-392/151, 8-9=-376/176, 2-9=-365/177-7=-491/283-6=-277/371, 1-6=-285/4987-16; Vult=120mph (3-second gust) t; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat.closed; MWFRS (envelope) exterior zone erior(2E) 0-1-12 to 3-1-12, Interior (1) 3-1-12 e; cantilever left and right exposed; (C-C for d forces & MWFRS for reactions shown; =1.60 plate grip DOL=1.607-16; Pr=20.0 psf (roof LL: Lum DOL=1.25 .25); Pg=15.0 psf; Pf=10.4 psf (Lum ate DOL=1.15); Is=1.0; Rough Cat C; Fully ; CS=1.00; Ct=1.10ed for a plus or minus 20 degree rotation	<ul> <li>20.0 10.4/15.0 10.4/15.0 10.0 10.4/15.0 10.0</li></ul>	<ul> <li>20.0 10.4/15.0 10.0 10.0 Rep Stress Incr Code</li> <li>IRC2018/TPI2014</li> <li>Matrix-MSH Matrix-MSH</li> <li>5) * This truss has been designed for a liv on the bottom chord in all areas where 3-06-00 tall by 2-00-00 wide will fit betw chord and any other members, with BC Provide mechanical connection (by oth bearing plate capable of withstanding 3 5. 802 10.2 and referenced standard AN 9) Attic room checked for L/360 deflection Row at midpt 4-5</li> <li>5) * This truss is designed in accordance w International Residential Code sections R802.10.2 and referenced standard AN 9) Attic room checked for L/360 deflection R802.10.2 and referenced standard AN 9) Attic room checked for L/360 deflection R802.10.2 and referenced standard AN 9) Attic room checked for L/360 deflection R802.10.2 and referenced standard AN 9) Attic room checked for L/360 deflection R802.10.2 and referenced standard AN 9) Attic room checked for L/360 deflection R802.10.2 and referenced standard AN 9) Attic room checked for L/360 deflection CADD CASE(S) Standard</li> </ul>	<ul> <li>20.0 10.4/15.0 10.4/15.0 10.0</li> <li>Plate Grip DOL Lumber DOL 1.25 BC 0.29 WB Matrix-MSH</li> <li>Vert(LL) Vert(CT) Horz(CT) WB Matrix-MSH</li> <li>* This truss has been designed for a live load of 20. on the bottom chord in all areas where a rectangle vertical wood sheathing directly applied or 10.0 verticals. Verticals.</li></ul>	20.0     Plate Grip DOL     1.25     TC     0.27     Vert(LL)     0.07       10.4/15.0     Rep Stress Incr     YES     WB     0.16     0.07       0.0*     Code     IRC2018/TPI2014     Matrix-MSH     Horz(CT)     0.00       x6 SP No.2     *This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.       y3.2x6 SP No.2     *This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.       y3.2x6 SP No.2     *This truss has been designed for a live load of 20.0psf on the bottom chord and any other members, with BCDL = 10.0psf.       y5.     *This truss has been designed for a live load of 20.0psf on the bottom chord and any other members, with BCDL = 10.0psf.       y5.     *This truss has been designed in accordance with the 2018       tructural wood sheathing directly applied or 10-0-0 corracing.     *This truss is designed in accordance with the 2018       truss erection, in accordance with Stabilizer installed during truss erection, in accordance with Stabilizer installation guide.     *This truss is designed for Li 260 besctors R502.11.1 and R802.10.2 and referenced standard ANSITPI 1.       y610 L2 S22/0-38. (min. 0-1-8), ra-410 (LC 26)     >Hard for eschors for applied or 10-125.       y51 regist 1, 8-9-376/176, 2-9-365/177	20.0 10.4/15.0 10.0       Plate Grip DOL Lumber DOL       1.25 BC       TC       0.27 BC       Vert(LL)       0.07 6-7         0.0* 10.0       Rep Stress Incr       YES Code       Matrix-MSH       Vert(CT)       0.00       5         x6 SP No.2       This truss has been designed for a live load of 20.0psf       Horz(CT)       0.00       5         x10 SP No.1       *This truss has been designed for a live load of 20.0psf       Horz(CT)       0.00       5         x0 SP No.2       *This truss has been designed for a live load of 20.0psf       Horz(CT)       0.00       5         x10 SP No.3       *Except*W4:2x4 SP No.2, X10 SP No.2       *This truss has been designed for a live load of 20.0psf.       10.0psf.         Structural wood sheathing directly applied or 40-0 oc purlins, except end verticals.       7       Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 301 lb uplift at joint 5.       7         This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TP1 1.       9         y1 Hoirt 5-301 (LC 14)       X Uplift 5-301 (LC 14)       Y       Y         x22/0-3.8, (min. 0-1-8), 7-76; YUt=120mph (3-second gust)       Y       Y         y1 TCTL +2.2psf.BCDL=6.0psf; h=25f.177       Y       Y         x-491/151, 1-45       S=56/177	20.0       Lindber POL       1.25       TC       0.27       Vert(L)       0.07       6-7       >999         10.0       Rep Stress Incr       YES       WB       No.16       Vert(L)       0.07       6-7       >999         10.0       Code       IRC2018/TPI2014       Matrix-MSH       Vert(L)       0.07       6-7       >999         x6 SP No.2       Code       IRC2018/TPI2014       Matrix-MSH       Vert(L)       0.00       5       n/a         x6 SP No.2       x10 SP No.1         Structural wood sheathing directly applied or loo-0o corracing.        Solo tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.          Structural wood sheathing directly applied or 10-0-0 corracing.                Biglid celling directly applied or 10-0-0 corracing.	20.0       Plate Grip DOL       1.25       TC       0.27       Vert(CT)       0.07       6.7       >999       240         10.0       Nep Stress Incr       7.25       BC       0.29       WB       0.16       Horz(CT)       0.00       5       n/a       n/a         10.0       0.0°       Code       IRC2018/TPI2014       Matrix-MSH       Horz(CT)       0.00       5       n/a       n/a         x6 SP No.2       Code       IRC2018/TPI2014       Matrix-MSH       Horz(CT)       0.00       5       n/a       n/a         x6 SP No.2       This truss has been designed for a live load of 20.0psf       on the bottom chord in all areas where a rectangle       30-6-00 uvide will fit between the bottom chord and any other members, with BCDL = 10.0psf.       6       Refer to grider(s) for truss to truss connections.       7       Provide mechanical conconction (by owide will fit piont 5.       7       For unde mechanical concons R502.11.1 and R802.10.2 and referenced standard ANS/ITP1 1.       802.10.2 and referenced standard ANS/ITP1 1.       NA tic room checked for 1.2360 deflection.       Hot S.       10.40 CASE(S)       Standard         10/12 Standard       Standard       Standard       Standard       Standard       Standard       Standard         11/15 S-301 (LC 14)       Standard       Standard       Standard	20.0       Pitte Gip DOL Lumber DOL 0.0*       1.25 Rep Stress Incr       TC       0.27 BC       Vert(L1)       0.07 6.7       >999       240 WHCTO       MT20         10.0       0.0*       Cde       IRC2018/TP12014       Matrix-MSH       Weight: 113 lb       Weight: 113 lb         x6 SP No.2       x10 SP No.1

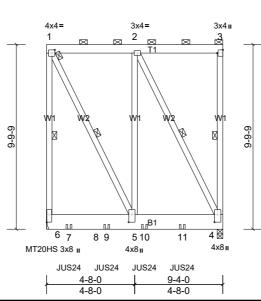
Job	Truss	Truss Type	Qty	Ply	Capers, Carlton DU-Roof	
Q015240-R	R12X	Flat Girder	1	1	Job Reference (optional)	
Lood Stor® Lovenia CA 2	DEE2 BAC	P	um 0.7.0.0 Max 00.0000 Duints 0	700 C Mar (	22 2022 MiTok Industrias, Inc. Man May 22 15:45:26	Deres 1

4-8-0

4-8-0

Load Star®, Lavonia, GA 30553, BAC

Run: 8.7 S 0 Mar 22 2023 Print: 8.700 S Mar 22 2023 MiTek Industries, Inc. Mon May 22 15:45:36 Page: 1 ID:9CGFIoAzGIpWZ8aEPol\_NHzDzRH-e8uygweZYA2f06ZVDBUkPErjoZO2xGu2LNF04zzDw0U 4-8-0 9-4-0



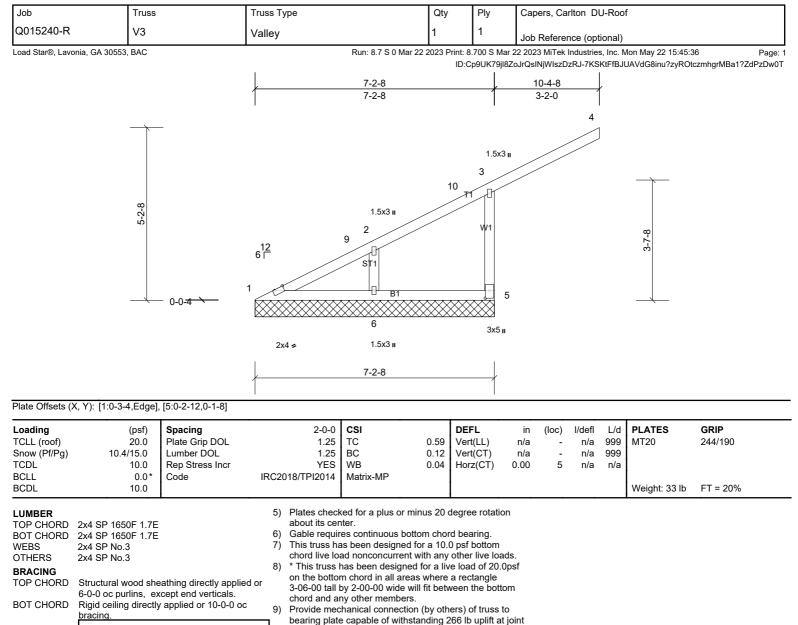
#### Plate Offsets (X, Y): [1:0-1-12,0-2-0], [3:Edge,0-3-8], [4:0-4-12,0-1-12], [5:0-4-12,0-2-0], [6:0-4-12,0-1-8]

Loading TCLL (roof) Snow (Pf/Pg) TCDL BCLL	(psf) 20.0 15.4/15.0 10.0 0.0*	<b>Spacing</b> Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.25 1.25 NO IRC2018/TPI2014	<b>CSI</b> TC BC WB Matrix-MSH	0.53 0.21 0.63	DEFL Vert(LL) Vert(CT) Horz(CT)	in 0.02 -0.03 0.00	(loc) 5-6 5-6 4	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20HS MT20	<b>GRIP</b> 187/143 244/190
BCDL	10.0										Weight: 125 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS BRACING TOP CHORD BOT CHORD WEBS	2x10 SP No.1 2x4 SP No.2 2-0-0 oc purlins (6-0 end verticals. Rigid ceiling directly bracing.	)-0 max.): 1-3, except v applied or 10-0-0 oc 1-6, 3-4, 2-4, 1-5	about its cer 7) This truss ha chord live lo: 8) * This truss l on the bottor 3-06-00 tall l chord and a 9) Refer to gird 10) Provide med	as been designed ad nonconcurrent has been designe m chord in all area by 2-00-00 wide w hy other members er(s) for truss to t hanical connectic	for a 10.0 with any d for a liv as where vill fit betw s, with BC russ conr on (by oth	D psf bottom other live loa e load of 20. a rectangle veen the bott DL = 10.0ps nections. ers) of truss	ads. Opsf tom if. to					
WEBS	MiTek recommends required cross brac	s that Stabilizers and ing be installed during coordance with Stabilizer	6. 11) Two RT7A M truss to bear	e capable of withs /iTek connectors ing walls due to L s for uplift only an	recomme JPLIFT at	ended to con t jt(s) 4. This	nect					
I	Mechanic Max Horiz 6=-382 (L Max Uplift 4=-863 (L		12) This truss is International R802.10.2 a 13) Graphical pt	designed in acco Residential Code nd referenced sta Irlin representatio ation of the purlin	e sections indard AN n does no	R502.11.1 a SI/TPI 1. ot depict the						
FORCES	( )	ax. Ten All forces 250	bottom chore	d.		•						
TOP CHORD BOT CHORD	(lb) or less except w 1-6=-995/694, 1-2=- 6-7=-331/298, 7-8=- 5-9=-331/298, 5-10= 10-11=-402/505, 4-1	432/238 331/298, 8-9=-331/298, =-402/505,	nails into Tru starting at 1-	US24 (With 4-10 liss) or equivalent 2-4 from the left e 2 (1 ply 2x10 SP)	spaced a end to 7-2	at 2-0-0 oc m 2-4 to connec	iax. ct					
WEBS	,	-457/835, 1-5=-715/105	2 15) Fill all nail ho									
Vasd=95m II; Exp C; E cantilever I right expos 2) TCLL: ASC Plate DOL: DOL=1.15 Exp.; Ce=C roof snow I exposed st	nclosed; MWFRS (e eft and right exposed ed; Lumber DOL=1.6 ) F 7-16; Pr=20.0 psf =1.25); Pg=15.0 psf; Plate DOL=1.15); Is= 0.9; Cs=1.00; Ct=1.10	CDL=6.0psf; h=25ft; Cat. nvelope) exterior zone; l; end vertical left and 30 plate grip DOL=1.60 (roof LL: Lum DOL=1.25 Pf=15.4 psf (Lum =1.0; Rough Cat C; Fully 0, Lu=50-0-0; Min. flat urcharge applied to all	ties to be ins nail interfere LOAD CASE(S) 1) Dead + Snc Increase=1 Uniform Lo Vert: 1-3 Concentrat	ow (balanced): Lu .15	e sides of russ. Imber Inc	top plate to rease=1.15,	avoid					

- 3) Unbalanced snow loads have been considered for this design.
- Provide adequate drainage to prevent water ponding.
   All plates are MT20 plates unless otherwise indicated.

Job Truss		Truss Type		Qty	Ply	Capers, Ca	rlton D	U-Root	:	
Q015240-R V1		Valley		1	1	Job Refere	nce (opt	tional)		
Load Star®, Lavonia, GA 30553, BAC			Run: 8.7 S 0 Mar 22			22 2023 MiTek	Industries	s, Inc. N	-	0
				ID:Cp	9UK79jl8Zo	JrQsINjWlszDzł	RJ-e8uyg			ZO2xO02LNF04zzDw0U
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		×	<u>4-8-2</u> 4-8-2		1	<u>8-11-1</u> 4-2-15				
		I			Į				0-5-3	
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					2					
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8-1-1 11	2-9-15	8 ⊏								
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—	— 0-0 <del>-4</del>								$\bigotimes$	
				~~~~	4	~~~~~		/ / / /		
		2x	4 🕫		1.5x3 <b>I</b>			2x4	1.	
				ç	9-4-4					
Plate Offsets (X, Y): [1:0-1-9,Edge	, [3:0-1-9,Edge]									
Loading (psf)	Spacing	2-0-0	CSI	DE	FL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)         20.0           Snow (Pf/Pg)         10.4/15.0	Plate Grip DOL Lumber DOL	1.25 1.25			t(LL) t(TL)	n/a - n/a -	n/a n/a	999 999	MT20	244/190
TCDL 10.0	Rep Stress Incr	YES	WB			0.00 3	n/a	n/a		
BCLL 0.0* BCDL 10.0	Code	IRC2018/TPI2014	Matrix-MSH						Weight: 33 lb	FT = 20%
9-4-4 oc purlins. BOT CHORD BOT CHORD Rigid ceiling direct bracing. MiTek recommend required cross bra truss erection, in a Installation guide. REACTIONS (lb/size) 1=28/9-4 3=28/9-4 4=512/9- Max Horiz 1=-84 (L Max Uplift 1=-19 (L 4=-163 ( Max Grav 1=75 (LC (LC 2)) FORCES (lb) - Max. Comp./ (lb) or less except. TOP CHORD 1-2=-130/304, 2-3= WEBS 2-4=-510/310 NOTES 1) Unbalanced roof live loads hav design. 2) Wind: ASCE 7-16; Vult=120mp. Vasd=95mph; TCDL=4.2ps; B II; Exp C; Enclosed; MWFRS (r and C-C Exterior(2E) 0-0-6 to 3 4-8-8, Exterior(2R) 4-8-8 to 7-8 9-4-10 zone; cantilever left and vertical left and right exposed; forces & MWFRS for reactions DOL=1.60 plate grip DOL=1.60 3) TCLL: ASCE 7-16; Pr=20.0 psf Plate DOL=1.25); Pg=15.0 psf;	Is that Stabilizers and cing be installed durin ccordance with Stabi -4, (min. 0-1-8), -4, (min. 0-1-8), 2 10) C 32), 3=-22 (LC 10), C 14) C 15) C 14) C 14) C 12) C 12)	chord live lo r this truss on the botto 3-06-00 tall chord and a 8) Provide med bearing plat 1, 22 lb uplin 9) This truss is Internationa R802.10.2 a LOAD CASE(S)	as been designed for ad nonconcurrent with has been designed for m chord in all areas v by 2-00-00 wide will f ny other members. chanical connection (1) e capable of withstan t at joint 3 and 163 lb designed in accorda I Residential Code se and referenced standa Standard	h any othe or a live loa where a rec it between oy others) ding 19 lb uplift at jo nce with th ctions R50	r live loads ad of 20.0p ctangle the botton of truss to uplift at joi int 4. ue 2018 02.11.1 and	sf n nt				

Job	Truss	·	Truss Type		Qt	у	Ply	Car	oers, Ca	rlton D	U-Roof	F	
Q015240-R	V2		Valley		1	-	1		Refere				
Load Star®, Lavo	nia, GA 30553, BAC			Run: 8.7 \$	S 0 Mar 22 2023	Print: 8	.700 S Mai					lon May 22 15:45:	36 Page:
	2-1-11	 	 15 0-0 <del>-4</del>	8		- <u>2-2</u> -2-2		4x4 = 2		<u>11-1</u> 3-15	6	3-4-4 	/ZQSxPo2LNF04zzDw0l
					2x4 ¢	····		4 1.5x3 II -4-4			2x4 .	×× • 	
Loading TCLL (roof) Snow (Pf/Pg) TCDL BCLL BCDL	(psf) 20.0 10.4/15.0 10.0 0.0* 10.0	<b>Spacing</b> Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.25 1.25 YES IRC2018/TPI2014	<b>CSI</b> TC BC WB Matrix-MF	0.10 0.12 0.06	Ver	<b>=L</b> t(LL) t(TL) iz(TL)	in n/a n/a 0.00	(loc) - - 3	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 21 lb	<b>GRIP</b> 244/190 FT = 20%
OTHERS BRACING TOP CHORD	2x4 SP No.2 2x4 SP No.3 Structural wood she 6-4-4 oc purlins. Rigid ceiling directly bracing. MiTek recommend: required cross brac	eathing directly applied v applied or 6-0-0 oc s that Stabilizers and cing be installed during ccordance with Stabiliz	3-06-00 tall 1 chord and at 8) Provide mec or bearing plate 18 lb uplift a 9) This truss is International R802.10.2 a LOAD CASE(S)	m chord in a by 2-00-00 my other me chanical cor capable o t joint 3 and designed ir Residentia nd reference	all areas wher wide will fit be embers. nnection (by o f withstanding I 94 lb uplift at	e a rec tween hers) c 8 lb up joint 4 with the	tangle the botton of truss to blift at joir e 2018 2.11.1 ar	m o nt 1,					
FORCES WEBS NOTES 1) Unbalance design. 2) Wind: ASC Vasd=95m II; Exp C; E and C-C E exposed ; e members a Lumber DC 3) TCLL: ASC Plate DOL= DOL=1.15 Exp.; Ce=0 4) Plates chere about its ce 5) Gable requ 6) This truss f	3=38/6-4- 4=311/6-4 Max Horiz 1=56 (LC (LC 14) Max Grav 1=69 (LC (LC 2) (lb) - Max. Comp./M (lb) or less except w 2-4=-275/200 d roof live loads have E 7-16; Vult=120mph ph; TCDL=4.2psf; BC inclosed; MWFRS (e inclosed; MWFRS (e inclosed; MWFRS (e inclosed; MWFRS (e) inclosed; MWFRS (e)	<ul> <li>14), 3=-18 (LC 15), 4=</li> <li>31), 3=69 (LC 32), 4=4</li> <li>ax. Ten All forces 25</li> <li>when shown.</li> <li>a been considered for the shown.</li> <li>b been considered for the shown.</li> <li>c been constant the shown.</li> <lic been="" constant="" t<="" td=""><td>409 50 chis at. 25 Ily</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></lic></ul>	409 50 chis at. 25 Ily										



5 and 50 lb uplift at joint 6.

LOAD CASE(S) Standard

10) This truss is designed in accordance with the 2018

R802.10.2 and referenced standard ANSI/TPI 1.

International Residential Code sections R502.11.1 and

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

#### REACTIONS (lb/size) 1=98/7-2-8, (min. 0-1-8), 5=294/7-2-8, (min. 0-1-8), 6=172/7-2-8, (min. 0-1-8) Max Horiz 1=220 (LC 13) Max Uplift 5=-266 (LC 13), 6=-50 (LC 16) Max Grav 1=136 (LC 31), 5=445 (LC 23), 6=217 (LC 7)

 FORCES
 (lb) - Max. Comp./Max. Ten. - All forces 250

 (lb) or less except when shown.

 TOP CHORD
 1-9=-310/106, 2-9=-303/124, 2-10=-294/67, 3-10=-282/92, 3-5=-424/505

NOTES

- Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-0-8 to 3-0-8, Interior (1) 3-0-8 to 10-5-0 zone; cantilever left and right exposed; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.25 Plate DOL=1.25); Pg=15.0 psf; Pf=10.4 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat C; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
- Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 10.4 psf on overhangs non-concurrent with other live loads.

Job	Truss		Truss Type		Qty	Ply	Capers, Ca	rlton DI	L-Roof		
Q015240-R			Valley		1	1					
	onia, GA 30553, BAC		valicy	Run: 8.7 S 0 Mar 22 2	023 Print: 8	-	Job Refere			on May 22 15:45:3	6 Page: 1
	onia, GA 30333, BAC			Ruii. 6.7 3 0 Mai 22 2						-	owzkegrzBa1?ZdPzDw0T
				3-10-8		7-	0-8				
			/	3-10-8	1		2-0	$\neg$			
			l		I						
								3			
					1.5x3 <b>I</b>	/	//				
					- J	н /					
	3-6-8 3				2						
	9-6 6		_12 6 ∟	7	- TT						
			6		W1					1-11-8	
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		- 0-0-4		******						<u> </u>	
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			3x4 <del>.</del>	*	3x5 II						
				-							
			.	3-10-8							
			1								
Diata Offacta ()	V V): [4:0 2 12 0 1 9	21									
	X, Y): [4:0-2-12,0-1-8	, 		1							
Loading TCLL (roof)	(psf) 20.0	Spacing Plate Grip DOL	2-0-0 1.25	CSI TC 0	.89 Ver	<b>FL</b> t(LL)	in (loc) n/a -	l/defl n/a	L/d 999	PLATES MT20	<b>GRIP</b> 244/190
Snow (Pf/Pg)	10.4/15.0	Lumber DOL	1.25			t(CT)	n/a -	n/a	999 999	WI120	244/190
TCDL BCLL	10.0 0.0*	Rep Stress Incr Code	YES IRC2018/TPI2014	WB ( Matrix-MP	).00 Hor	z(CT) 0	0.00 4	n/a	n/a		
BCDL	10.0	Code	IRC2010/1712014							Weight: 18 lb	FT = 20%
	2-2-0 oc purlins, ex Rigid ceiling directly bracing. MiTek recommend required cross brac	eathing directly applied coept end verticals. / applied or 10-0-0 oc s that Stabilizers and cing be installed during ccordance with Stabiliz	on the botto 3-06-00 tall chord and a 9) Provide mer bearing plat 1 and 239 lt 10) This truss is Internationa R802.10.2 a	has been designed for m chord in all areas w by 2-00-00 wide will fit ny other members. chanical connection (b e capable of withstanc o uplift at joint 4. designed in accordar I Residential Code sec and referenced standa Standard	here a rec t between y others) o ling 16 lb nce with th ctions R50	ctangle the bottom of truss to uplift at join e 2018 02.11.1 and	ıt				
REACTIONS		0-8, (min. 0-1-8),									
		10-8, (min. 0-1-8)									
	Max Uplift 1=-16 (LC	222), 4=-239 (LC 16)									
FORCES	Max Grav 1=102 (L0 (lb) - Max. Comp./M	C 13), 4=447 (LC 23) lax. Ten All forces 25	50								
	(lb) or less except w	/hen shown.									
TOP CHORD BOT CHORD	,	285/106, 2-4=-455/562									
NOTES	CE 7-16; Vult=120mpl	h (3-second quet)									
Vasd=95m II; Exp C; E and C-C E 7-1-0 zone	nph; TCDL=4.2psf; BC Enclosed; MWFRS (e Exterior(2E) 0-0-8 to 3 e; cantilever left and ri	CDL=6.0psf; h=25ft; Ca nvelope) exterior zone -0-8, Interior (1) 3-0-8 ight exposed ; end	)								
forces & M	t and right exposed;C IWFRS for reactions s	shown; Lumber									
DOL=1.60	plate grip DOL=1.60		25								
Plate DOL	=1.25); Pg=15.0 psf;	Pf=10.4 psf (Lum									
	Plate DOL=1.15);	=1.0; Rough Cat C; Fu )	lly								
3) Unbalance		een considered for this	6								
		or greater of min roof li									
	.0 psf or 2.00 times fla non-concurrent with	at roof load of 10.4 psf other live loads.	on								
5) Plates che	cked for a plus or mir	nus 20 degree rotation									
about its co 6) Gable requ	enter. uires continuous botto	om chord bearing.									

Job	Truss	;	Truss Type		Qty	Ply	Саре	ers, Cai	rlton D	U-Roo	f	
Q015240-R	V5		Valley		1	1	Job F	Referer	nce (opt	ional)		
Load Star®, Lavo	onia, GA 30553, BAC			Run: 8.7 S 0 Mar 22 2			22 2023	MiTek I	Industrie	s, Inc. N	-	0
					ID:	-раокталог	JUJIQSIN	IJVVISZD2	2KJ-7K3	KIFIDJI	UAVGGoinu?2yRO_	szm8gr2Ba1?ZdPzDw0T
			ļ	6-2-11			, 7-4	-10				
				6-2-11				2-0				
		<u> </u>				1	.5x3 <b>II</b>	4				
						3				<u> </u>		
				1.5x3 <b>I</b>			8					
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			2x4 -	6 ≠ 1.5x3 ∎		1	.5x3 <b>II</b>					
			2x4 ·	s 1.345 ll			1					
			/	6-2-11			$\rightarrow$					
		i						_				
Loading TCLL (roof)	(psf) 20.0	Spacing Plate Grip DOL	2-0-0 1.25	CSI TC		: <b>FL</b> rt(LL)	in n/a	(loc) -	l/defl n/a	L/d 999	PLATES MT20	<b>GRIP</b> 244/190
Snow (Pf/Pg) TCDL	10.4/15.0 10.0	Lumber DOL Rep Stress Incr	1.25 YES			rt(CT) rz(CT)	n/a 0.00	- 5	n/a n/a	999 n/a		
BCLL BCDL	0.0* 10.0	Code	IRC2018/TPI2014	Matrix-MP		()					Weight: 26 lb	FT = 20%
				h = 44 - 10	<b> </b>			-	-		Wolght. 2015	
LUMBER TOP CHORD			7) This truss ha	es continuous bottom as been designed for a	a 10.0 ps	bottom						
BOT CHORD WEBS	2x4 SP No.3		8) * This truss I	ad nonconcurrent with has been designed for	r a live lo	ad of 20.0p						
OTHERS BRACING	2x4 SP No.3		3-06-00 tall I	n chord in all areas w by 2-00-00 wide will fi			n					
TOP CHORD		eathing directly applie except end verticals.	<sup>a or</sup> 9) Provide med	ny other members. hanical connection (b								
BOT CHORD	Rigid ceiling direct bracing.	ly applied or 10-0-0 or	5 and 105 lb	e capable of withstand uplift at joint 6.			JIII					
		ds that Stabilizers and acing be installed durir	International	designed in accordar Residential Code sec nd referenced stands	ctions R5	02.11.1 and	d					
		accordance with Stabil		nd referenced standa Standard	IU ANSI/	PLI.						
REACTIONS		2-11, (min. 0-1-8),										
		-2-11, (min. 0-1-8), -2-11, (min. 0-1-8)										
	Max Horiz 1=156 (L Max Uplift 5=-102 (	_C 13) LC 13), 6=-105 (LC 10	3)									
	Max Grav 1=104 (L 6=276 (L	LC 31), 5=211 (LC 23) LC 2)	,									
FORCES	(lb) - Max. Comp./M (lb) or less except v	Max. Ten All forces 2 when shown.	250									
TOP CHORD NOTES	1-2=-263/126, 3-5=											
1) Wind: ASC	CE 7-16; Vult=120mp	oh (3-second gust) CDL=6.0psf; h=25ft; (	Cat									
II; Exp C; E	Enclosed; MWFRS (	envelope) exterior zor 3-1-9, Interior (1) 3-1-9	ie									
7-5-2 zone	; cantilever left and											
forces & M	WFRS for reactions plate grip DOL=1.60	shown; Lumber										
2) TCLL: ASC		f (roof LL: Lum DOL=1	.25									
DOL=1.15		=1.0; Rough Cat C; F	ully									
		been considered for th	is									
4) This truss		for greater of min roof lat roof load of 10.4 ps										
overhangs	non-concurrent with											
about its co												

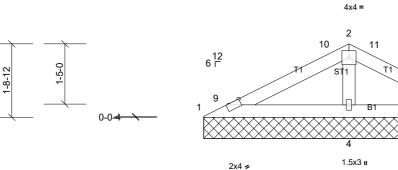
Job	Truss	Truss Type	Qty	Ply	Capers, Carlton DU-Roof
Q015240-R	V6	Valley	1	1	Job Reference (optional)

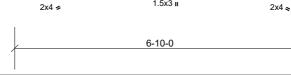
 Run: 8.7 S 0 Mar 22 2023 Print: 8.700 S Mar 22 2023 MiTek Industries, Inc. Mon May 22 15:45:36
 Page: 1

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12 3

6-10-0 <u>3-5-0</u> 3-5-0 <u>6-3-1</u> <u>-</u> 2-10-1 <u>0-6-15</u>





### Plate Offsets (X, Y): [1:0-3-4,Edge], [3:0-3-4,Edge]

Loading TCLL (roof) Snow (Pf/Pg) TCDL BCLL BCDL	(psf) 20.0 10.4/15.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.25 1.25 YES IRC2018/TPI2014	<b>CSI</b> TC BC WB Matrix-MP	0.13 0.16 0.08	DEFL Vert(LL) Vert(TL) Horiz(TL)	in n/a n/a 0.00	(loc) - - 3	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 21 lb	<b>GRIP</b> 244/190 FT = 20%
LUMBER TOP CHORD BOT CHORD OTHERS BRACING TOP CHORD BOT CHORD	2x4 SP No.2 2x4 SP No.3 Structural wood she 6-10-0 oc purlins. Rigid ceiling directly bracing. MiTek recommend required cross brac truss erection, in a Installation guide. Ib/size) 1=44/6-10	eathing directly applied of y applied or 6-0-0 oc s that Stabilizers and cing be installed during ccordance with Stabilize 0-0, (min. 0-1-8), 0-0, (min. 0-1-8),	about its cer 6) Gable requir 7) This truss ha chord live lo 8) * This truss on the botton 3-06-00 tall chord and an 9) Provide meet bearing platter 1, 25 lb uplif 10) This truss is International	es continuous botto as been designed fo ad nonconcurrent w has been designed m chord in all areas by 2-00-00 wide will hy other members. thanical connection e capable of withstat t at joint 3 and 87 lb designed in accord Residential Code s nd referenced stand	orn chor or a 10.0 vith any for a liv where fit betv (by oth nding 1 o uplift a ance w sections	d bearing. ) psf bottom other live load e load of 20. a rectangle veen the bott ers) of truss 9 lb uplift at t joint 4. th the 2018 r S502.11.1 a	ads. Opsf om to joint					
1	4=328/6- Max Horiz 1=30 (LC Max Uplift 1=-19 (LC 4=-87 (LC Max Grav 1=78 (LC (LC 2)	10-0, (min. 0-1-8) 20) 2 16), 3=-25 (LC 17), 2 16) 35), 3=78 (LC 36), 4=4 lax. Ten All forces 25(										
design. 2) Wind: ASC Vasd=95m II; Exp C; E and C-C Ex 3-5-8, Exte 6-10-8 zonw vertical left forces & MI DOL=1.60 3) TCLL: ASC Plate DOL DOL=1.15 Exp.; Ce=0	E 7-16; Vult=120mp ph; TCDL=4.2psf; B( inclosed; MWFRS (e terior(2E) 0-0-8 to 3 rior(2R) 3-5-8 to 6-5- e; cantilever left and and right exposed; C WFRS for reactions plate grip DOL=1.60 E 7-16; Pr=20.0 psf; Plate DOL=1.15; Iis .9; Cs=1.00; Ct=1.10	CDL=6.0psf; h=25ft; Cai envelope) exterior zone -0-8, Interior (1) 3-0-8 tr -8, Interior (1) 6-5-8 to -7, Interior (1) 6-5	t. 5 Y									

DATE:	5/31/2023		COMPANY:	Schumacher Homes
STRUCALC BUILD:	StruCalc Plus		DESIGNED BY:	Dan Fishtorn
CUSTOMER:	Capers DU700 023 02 <sup>-</sup>	16	<b>REVIEWED BY:</b>	
PROJ. ADDRESS:			PROJECT NAME:	Capers DU700 023 0216
				-
LEVEL:	Main Floor		LOADING:	ASD
MEMBER NAME:	Garage Door Header		CODE:	2021 International Building Code
MEMBER TYPE:	FLOOR BEAM		NDS:	2018 NDS
MATERIAL:	Structural Composite	Lumber		
Louisiana Pacific	2.0E LVL	(2) 1.75 X 14	DRY	

# Garage Door Header DIAGRAM

-	Six	10	8 - 3 - 3 - 3	WELL.	Table C.				25/11	- North
2	a share	- Art	J-F		2 - A / A	C.S.C.			The	AT AT
	and the off	200	CZER I	and the se		1 12 4 3	and and the	4. 5		0
A	$\rightarrow$									
3'	" BL (A)									BL (B) 3"
H						10				
						16'				
BEA	M PROPERT	IES	/							
tart (ft	t): 0 End (ft): 16	Memb	per Slope: 0/1	2 Actual Ler	ngth (ft): 16					
	Area		lx		ly	BSW	Lams		Cfn	Kcr
	(in²)		(in⁴)		(in⁴)	(lbf/ft)				Creep Factor
	49		800.33		12.51	13.95	2		9	1
STR	ENGTH PRO	PERTIE	ES							
	F	b (psi)		Ft (psi)	Fv (psi)	Fc (psi)	Fc⊥	(psi)	E (psi) x10 <sup>3</sup>	Emin (psi) x10 <sup>3</sup>
Base	e Values	2900		1800	285	3200	7	50	2000	1000
ljusted	Values	2900		1800	285	3200	7	50	2000	1000
	с <sub>М</sub>	1		1	1	1		1	1	1
	с <sub>т</sub>	1		1	1	1		1	1	1
Bending	g Adjustment Fa	ctors	C <sub>V</sub> = 0.98C	r = 1	Volume factor Is app	olied on a load con	nbination basis A	nd Is Not re	eflected in the adju	isted values
BEA	M DATA									
			Unbraced	d Length (ft)	Beam End					
pan	Length	(ft)	Тор	Botton	n Elev. Diff (ft)	CL(Top)	CL(Bottom)	CL(Left)	CL(Right)	
1	16		0	16	0	1.00	0.87	1.00	1.00	
PAS	S-FAIL									
			PASS/F	FAIL	MAGNITUDE	STRENGTH	LOCATIO	N (ft)	LOAD COMBO	DURATION FACTOR C
	Shear Stress	s Y (psi)	PASS (3	6.9%)	179.7	285.0	0		D+L	1
	Bending Stress	s Y (psi)	PASS (5	5.1%)	2704.4	2850.8	8.8		D+L	1
		ion (in)	PASS (8	8.1%)	0.735 (=L/261)	0.800 (=L/240)	8.16		D+L	
	Bearing Stre	ess (psi)	PASS (2	5.4%)	559.2	750.0	0		D+L	1
DEA										
		Jnits for		ts for M: lbf-f	t					
' axis	DEAD	LIVE 3280	TOTA 5871							
A B	2591 2377	3280 2996	5871							
	2577 on Location	2330	3575	,						
A										E

#### Member Name: Garage Door Header

LOAD LIST							
Туре	Name	Left Magnitude	Right Magnitude	Load Start (ft)	Load End (ft)	Load Type	Direction
Uniform (lbf/ft)	Uniform	373	373	0	11	Live	Y
Uniform (lbf/ft)	Uniform	282	282	0	11	Dead	Y
Uniform (lbf/ft)	Uniform	117	117	11	16	Live	Y
Uniform (lbf/ft)	Uniform	89	89	11	16	Dead	Y
Point (lbf)	Point	1588	-	11	-	Live	Y
Point (lbf)	Point	1198	-	11	-	Dead	Y
Self Weight (lbf/ft)	-	13.95	13.95	0	16	Dead	Y