Truss ID: C11130 Qty: 1 SPACING: 2-0-0 PLY: 1 WEIGHT: 97.50

2-19 68 0.02 1	UPLIFT RE	ACTION (S)	:		THIS DESIGN IS THE COMPOSITE RESULT OF	This	design	h based	on ch	ord bra	cing applied
3-20 -279 0.22 1	Support	C&C Wind	Main Wind	Non-Wind	MULTIPLE LOAD CASES.	per	the fol	Llowing	sched	ule:	
4-21 -478 0.38 1	1	-101 16	-118 16		Loaded for 10 PSF non-concurrent BCLL.			max o.c	•	from	to
5-22 -551 0.78 1	3	-12 lb	-13 lb		Loaded for 200 lb non-concurrent moving	TC		12.00	" -	2-0-0	32- 0- 0
6-23 -138 0.19 1	6	-72 lb	-82 lb	-71 lb	BCLL.	BC		12.00	"	0-0-0	30- 0- 0
7-24 -265 0.40 1	7	-54 lb	-57 lb	-112 lb	Mark all interior bearing locations.	Galv	anizati	ion: G60			
8-25 -227 0.51 1	10	-22 lb	-29 lb		Install interior support(s) before erection.						
10-26 -133 0.30 1	11	-85 lb	-52 lb	-127 lb	This truss is designed using the	REACTIONS					
11-27 -264 0.41 1	12	-44 lb	-13 lb		ASCE7-16 Wind Specification	Brg	Reac	Horiz	Brg	Reac	Horiz
12-28 -120 0.17 1	15	-7 lb			Bldg Enclosed = Yes,	1	447	0	14	216	0
13-29 -587 0.85 1	16	-89 lb	-52 lb	-128 lb	Truss Location = End Zone	2	192	0	15	320	-50
14-30 -478 0.39 1	17	-17 lb	-25 lb		Exp Category = B	3	249	169	16	240	0
15-31 -333 0.28 1	20	-61 lb	-62 lb	-89 lb	Bldg Length = 60.00 ft, Bldg Width = 25.00 ft	4	201	-10	17	307	59
16-32 -77 0.04 1	21	-70 lb	-80 lb	-103 lb	Mean roof height = 12.75 ft, mph = 110	5	216	Ó	18	210	0
17-33 -427 0.08 1	24	-21 lb	-18 lb		Occupancy Category II, Wind Dead Load = 7.20 psf	6	388	-364	19	209	Ö
	26	-99 lb	-115 lb		Designed as Main Wind Force Resisting System	7	478	298	20	508	-316
	Type ID	SECTION	Fv(ksi)	Joints	- Low-rise and Components and Cladding	8	193	õ	21	349	363
	TC 1	20TC20	50		Tributary Area = 60 soft	9	217	ō	22	210	0
	BC 1	20TC20	50		Uplifts based on elevation at or above 0 ft	10	344	-69	23	211	ō
	WEB 1	200020	50		20 nef bottom chord live load NOT required	11	241	0	24	255	-186
	AED I	201020	50		on this truck nor TBC/TBC requirements for	12	203		25	107	15
					on this truss, per inc/inc requirements for	12	203	89	20	120	10
					attics with limited storage.	13	203	0	20	438	U

	DEFLE	CTION	LOC.	ALLOW.	LC				
Vert TL:	-0.14"	(L/999)	13-14	L/240	40				
Vert LL:	-0.12"	(L/999)	13-14	L/360	40				
Horz TL:	0.00"	• • •		-					
Cantilever									
Vert TL:	-0.09"	(L/271)	OL-1	L/ 90	1				
Vert LL:	-0.07"	(L/335)	OL-1	L/120	1				
				•					
	==	==== Joi	nt Loca	tions =					
	1	L 0-0	-01	8 0-	0-0				
	2	2 0-2	-41	9 2-	5-10				
	3	3 4-10	-62	0 2-	6-0				
	-	5-0	- 0 2	1 7-	4-1				
	5	5 9-9	-12 2	2 7-	6-0				
	e	5 10- 0	-02	3 12-	1-8				
	-	7 12-3	-11 2	4 12-	3-11				
	ŝ	3 14 - 8	-12 2	5 12-	6-0				
	ġ	15-0	-02	6 17-	3-11				
	10) 15-1	-13 2	7 17-	6-0				
	11	17-6	- 0 2	8 17-	8-3				
	12	2 19-9	-12 2	9 22-	4-0				
	13	3 20- 0	-03	0 22-	6- 0				
	14	1 24-10	-73	1 27-	5-10				
	15	5 25-0	-03	2 27-	6-0				
	16	5 29-9	-12 3	3 30-	0-0				
	17	7 30- 0	- 0						
	== x-	Brac. Lo	cations	s (Join	ts)==				
		BC TC			•				
		23 7							
		29 13							

Each connection requires 3/8" diameter proprietary bolt supplied by NUCONSTEEL SCRWS = The required number of double-sided #14 screws at each end of the truss member: SP = Spacer supplied by NUCONSTEEL

Job Name:

NUTRUSS A NUCONSTEEL Product	WARNING Read all notes on this sheet and verify all design parameters. Truss design on this sheet is only valid with NUTRUSS sections and is for an individual building component, not a truss system. Bracing shown on this drawing is not erection bracing, mortal bracing, portal bracing or similar bracing, which is part of the building design and	Chk:		WO: C11130_Trusses		
	which must be considered by the building designer. Bracing shown is lateral bracing of truss members only. Any additional bracing, temporary and/or permanent, is the responsibility of the truss erector and/or the building designer. The Professional Engineer's seal indicates only that the truss assembly shown on this sheet meets the acceptable design criteria for the loads, loading condition, truss	Dsgnr: TC Live 42.00 psf		Design Spec: AISI-2001 Builda Spec: IBC-2018		
	configuration and spans spectred. When the specified screw count cannot be achieved at the chord to web connections, a 16 gauge gusset plate must be added on both sides of the connection. Typically, gusset plates are at pitch break joints." Min. screw spacing = $9/16''$ and min. edge distance = $9/16''$.		0.00 psf 10.00 psf 10.00 psf	Date: 11/24/2022@	15:47:0	6
		TOTAL	62.00 psf	Seqn S8.1.0a - 6351		-

