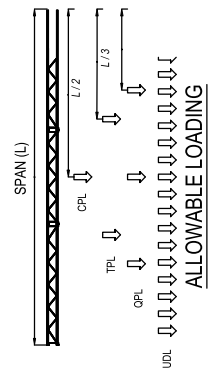


F34 TRUSS ISOMETRIC

NTS

GENERAL NOTES

- 2021 INTERNATIONAL BUILDING CODE
 - 2021 INTERNATIONAL BUILDING CODE
 - ANSI E1-2021 ENTERTAINMENT TECHNOLOGY - DESIGN, MANUFACTURE AND SUE OF ALUMINUM TRUSSES AND TOWERS
 - ADM 2015 SPECIFICATION FOR ALUMINUM STRUCTURES
 - A360-16 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS
- ALUMINUM**
- MANUFACTURE AND ERECTION OF STRUCTURAL ALUMINUM SHALL CONFORM TO THE ALUMINUM DESIGN MANUAL - 2015
 - STRUCTURAL ALUMINUM SHALL BE ALLOY 6062-T6 (U.N.O.)
 - ALL WELD FILLER SHALL BE 5356 (U.N.O.)
 - ALL WELDING MUST CONFORM TO AWS D1.2
 - TAPERED PINS SUPPLIED BY GLOBAL TRUSSES MUST BE USED IN INSTALLATION
 - WHERE THE CONTACT OF DISSIMILAR METALS MAY CAUSE CORROSION, THE CONTACT SURFACE OF EITHER METAL MUST BE PROPERLY COATED TO PREVENT EFFECT.



- ALL LOADS MUST BE ATTACHED TO TRUSS PANEL POINTS
- BRIDGES ARE NOT PERMITTED UNLESS APPROVED IN WRITING BY A LICENSED STRUCTURAL ENGINEER
- LOADING TABLES, NO REDUCTION IS REQUIRED TO ACCOUNT FOR THE TRUSS ITSELF
- NO SHOCK OR DYNAMIC FORCES HAVE BEEN INCLUDED IN THE ALLOWABLE LOADING
- UNIFORMLY DISTRIBUTED LOADS APPLY ONLY TO LOADS EVENLY DISTRIBUTED OVER THE ENTIRE SPAN OF THE TRUSS
- THE ALLOWABLE LOADING TABLES HAVE BEEN PROVIDED FOR GENERAL REFERENCE ONLY AND ALL RIGGING PLOTS SHOULD BE REVIEWED BY A LICENSED STRUCTURAL ENGINEER

GLOBAL TRUSS F34 LOAD SPAN TABLE

Limited based on Strength Only (No Deflection Limit)

TRUSS SPAN	UNIFORM LOAD (UDL)		CENTER POINT LOAD (CPL)		THIRD POINT LOAD (TPL)		QUARTER POINT LOAD (QPL)	
	AREA (sq ft)	LOAD (kips)	AREA (sq ft)	LOAD (kips)	AREA (sq ft)	LOAD (kips)	AREA (sq ft)	LOAD (kips)
1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
3	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
4	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
5	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
6	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
11	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0
12	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0
13	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0
14	196.0	196.0	196.0	196.0	196.0	196.0	196.0	196.0
15	225.0	225.0	225.0	225.0	225.0	225.0	225.0	225.0
16	256.0	256.0	256.0	256.0	256.0	256.0	256.0	256.0
17	289.0	289.0	289.0	289.0	289.0	289.0	289.0	289.0
18	324.0	324.0	324.0	324.0	324.0	324.0	324.0	324.0
19	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0
20	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0

GLOBAL TRUSS F34 LOAD SPAN TABLE

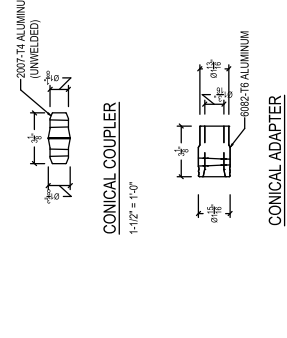
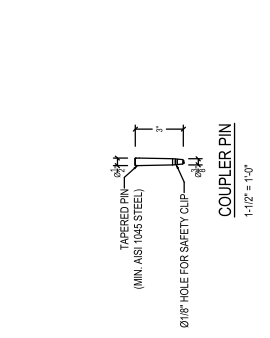
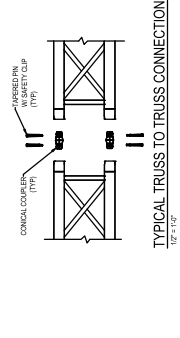
Limited based on Strength Only (No Deflection Limit)

TRUSS SPAN	UNIFORM LOAD (UDL)		CENTER POINT LOAD (CPL)		THIRD POINT LOAD (TPL)		QUARTER POINT LOAD (QPL)	
	AREA (sq ft)	LOAD (kips)	AREA (sq ft)	LOAD (kips)	AREA (sq ft)	LOAD (kips)	AREA (sq ft)	LOAD (kips)
1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
3	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
4	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
5	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
6	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
11	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0
12	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0
13	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0
14	196.0	196.0	196.0	196.0	196.0	196.0	196.0	196.0
15	225.0	225.0	225.0	225.0	225.0	225.0	225.0	225.0
16	256.0	256.0	256.0	256.0	256.0	256.0	256.0	256.0
17	289.0	289.0	289.0	289.0	289.0	289.0	289.0	289.0
18	324.0	324.0	324.0	324.0	324.0	324.0	324.0	324.0
19	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0
20	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0

GLOBAL TRUSS F34 LOAD SPAN TABLE

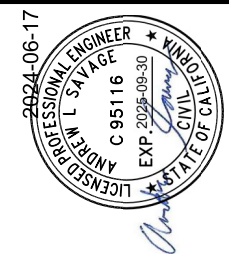
Limited based on Strength and Deflection (ASD E1.2.10)

TRUSS SPAN	UNIFORM LOAD (UDL)		CENTER POINT LOAD (CPL)		THIRD POINT LOAD (TPL)		QUARTER POINT LOAD (QPL)	
	AREA (sq ft)	LOAD (kips)	AREA (sq ft)	LOAD (kips)	AREA (sq ft)	LOAD (kips)	AREA (sq ft)	LOAD (kips)
1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
3	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
4	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
5	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
6	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
11	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0
12	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0
13	169.0	169.0	169.0	169.0	169.0	169.0	169.0	169.0
14	196.0	196.0	196.0	196.0	196.0	196.0	196.0	196.0
15	225.0	225.0	225.0	225.0	225.0	225.0	225.0	225.0
16	256.0	256.0	256.0	256.0	256.0	256.0	256.0	256.0
17	289.0	289.0	289.0	289.0	289.0	289.0	289.0	289.0
18	324.0	324.0	324.0	324.0	324.0	324.0	324.0	324.0
19	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0
20	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0



Entertainment Engineering Consultants, LLC
 6104 S. Helena St.
 Spokane, WA 99223

Copyright © 2020. ALL RIGHTS RESERVED. PROPERTY OF ENTERTAINMENT ENGINEERING CONSULTANTS, LLC. NO PART OF THIS DOCUMENT OR INFORMATION CONTAINED HEREIN MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT PERMISSION FROM ENTERTAINMENT ENGINEERING CONSULTANTS, LLC.



Project Name: F34 Load Span Tables
 Event/Venue Name and Address: General Use

Client Name and Address: Global Truss, 9000 S. Los Angeles, CA 90068

ISSUE/REVISIONS

Sheet Name: GENERAL NOTES/ DETAILS
 Project No.: 24-149-02
 Date: 06/14/2024
 Sheet: S0.0