

**STRUCTURAL ANALYSIS REPORT
BUILDING TWO STORY WITH HIP
ROOF
IBI, INC**

INTRODUCTION

This presentation of the structural characteristics of IBI's technology consists of reports on three models, a two story building with hip roof, floor component and wall component. The structural analysis was performed using the STAAD software program.

Often an entire building structure is analyzed. However, in this case the size of the building's computer model is reduced to the minimum to reflect the prototypical configurations to keep the number of members and elements low to reduce analysis time. Since each line of each truss is considered a separate member for the program to analyze, even though the member is small, these models contain a large quantity of them (i.e. 4,712 for the wall component), exceeding that of a typical building.

By analyzing the wall and floor separately the capacity of each is shown in addition to how they perform together, which is one of the unique characteristics of IBI's technology.

This characteristic is advantageous in the way walls, floors and roofs, when interconnected, work together as an integrated composite structure to resist forces, provide ductility and provide performance in earthquake, blast, and flood zone conditions which are superior to most conventional structures.

Each of the reports include drawings showing the wireframe (made up of two way space truss members), and plates (of concrete and steel) on the faces of the wireframes, and the output of the computer analysis showing the pass/fail of each individual member resulting from the program calculating the compliance with the applicable steel code. The output reports are quite large, so the definition of the ends of each member, their identification numbers, etc have been omitted.

TWO STORY WITH HIP ROOF

This model consists of two floors and a sloped roof supported on two walls which are supported on their bottoms (the floors can also be supported on beams by connecting top and bottom chords to the beam. The floors span 18 ft 9 inches and are loaded with 55 psf and the roof is loaded with 30 psf plus its own self weight. In this model, elements or plates on the faces of the walls and the top faces of the floors and roof components. The plates/elements include lightgage steel and cellular concrete on the top faces of the floors, and concrete only on the walls. The concrete of both sides of the walls, and on the bottom face of the floor and wall components is light density 30 pcf (500 psi) strength. Higher density/strength concrete is used on the top face of the floor components.

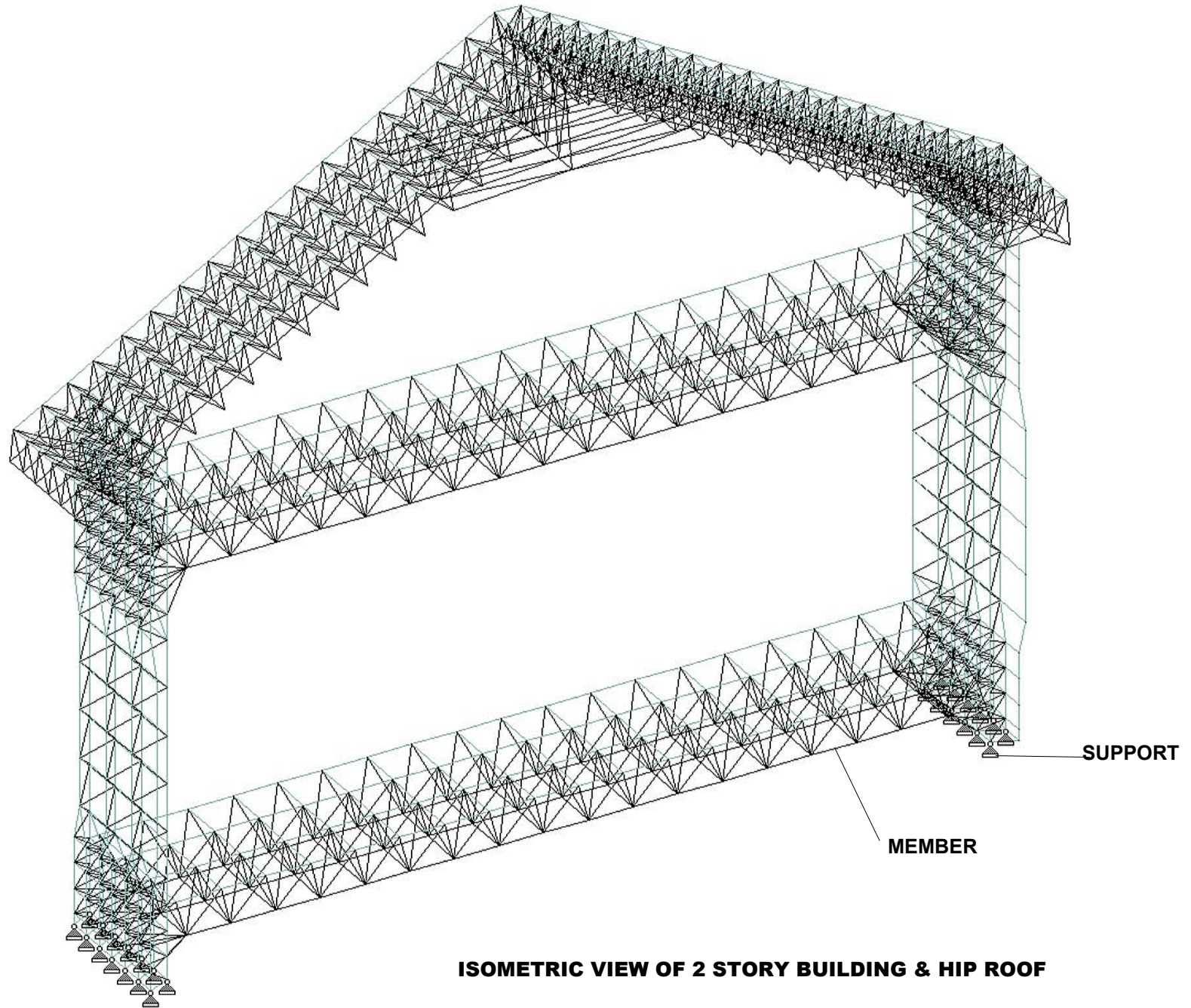
The production methods facilitate variations of wire configurations, size and material strengths as well as concrete material strengths. Increase of floor load capacity is achieved by increasing depth of space truss wireframe or wire size and strength, reducing spans, increasing top face concrete strength, and even further by adding sheet-metal pans (plates/elements) on the bottom of the floor component.

Load-bearing capacity of walls can be increased by using denser concrete, increasing wire strength and even further by adding lightgage sheet-metal pans similar to used for floor components. The basic depth of the wall wireframe is 7.25 inches with 36ksi steel. For a 3-story structure, the depth of the wireframe can be increased by 0.5 inch to 7.75 inches using 70 ksi (readily available) with 35 pcf cellular concrete (with only 3% more wire required). The height increases to 4-5 stories when the concrete is increased to standard strength for the walls.

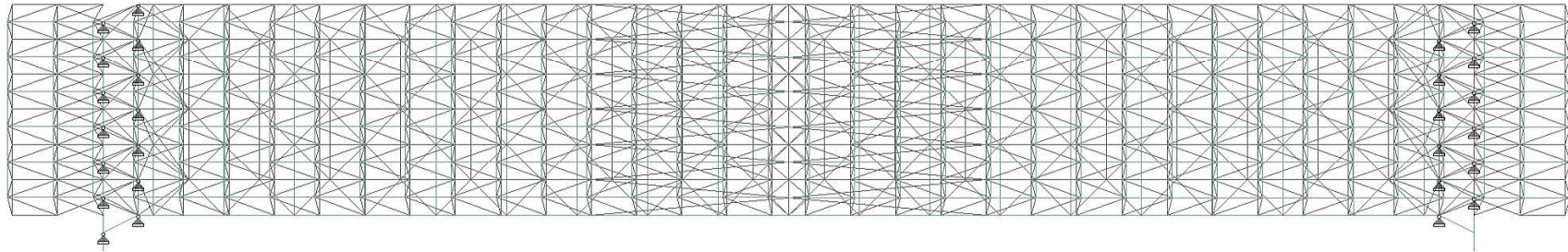
For comparison to the 55 psf floor load, the following are typical floor loads required by the building code (New York State) for particular uses.

office	50 psf
hotel rooms	40 psf
hospital private rooms	40 psf
hospital operating room	60 psf
classrooms	40 psf
library reading rooms	60 psf
assembly (fixed seats)	60 psf
prison cells	40 psf
residential	40 psf
retail (first floor)	100 psf
retail (2 nd floor)	75 psf

Due to the characteristics of the computer models of the floor and wall separately indicate higher capacities.



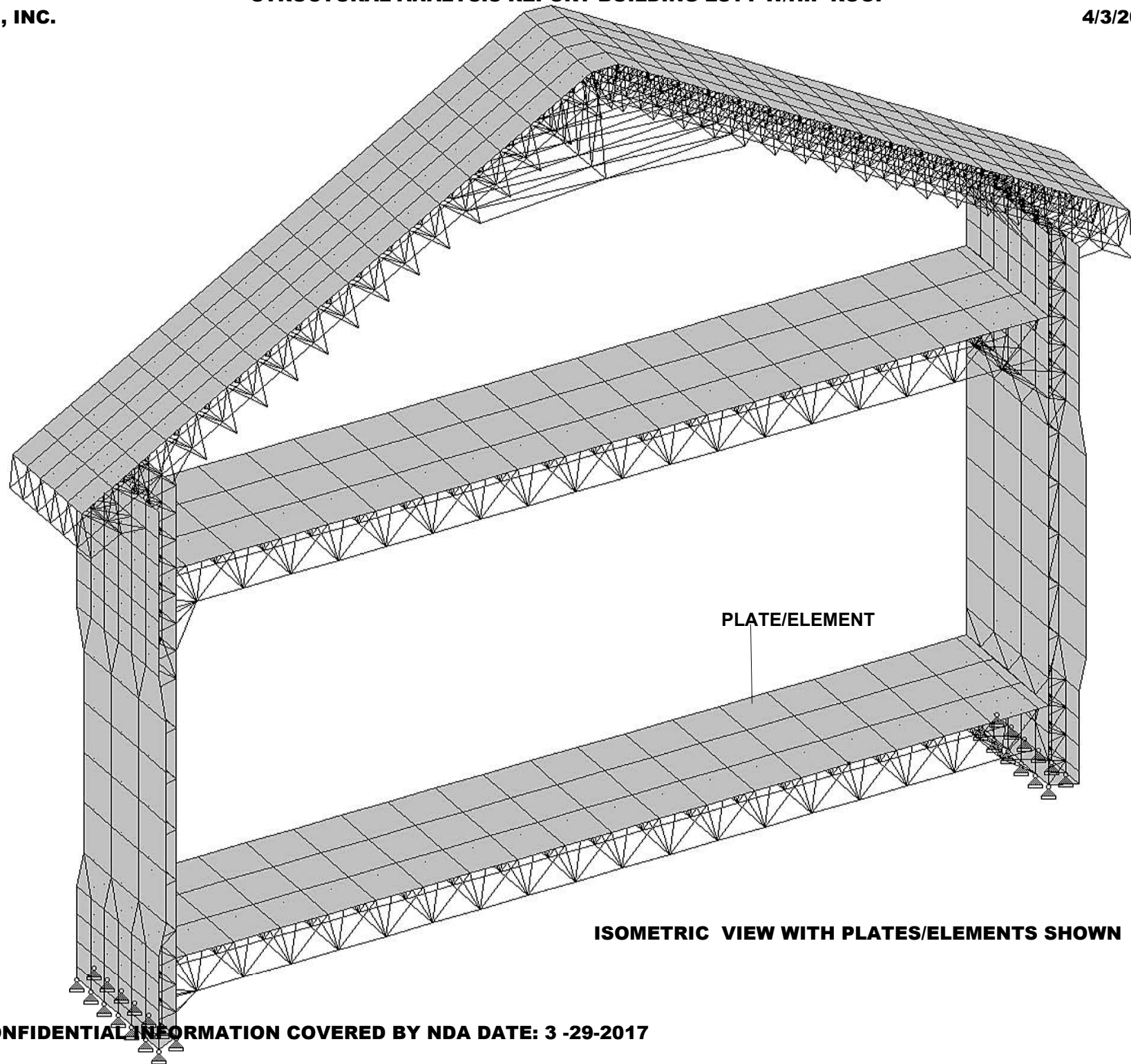
ISOMETRIC VIEW OF 2 STORY BUILDING & HIP ROOF



TOP VIEW OF 2 STORY BUILDING & HIP ROOF



Load 1



PLATE/ELEMENT

ISOMETRIC VIEW WITH PLATES/ELEMENTS SHOWN

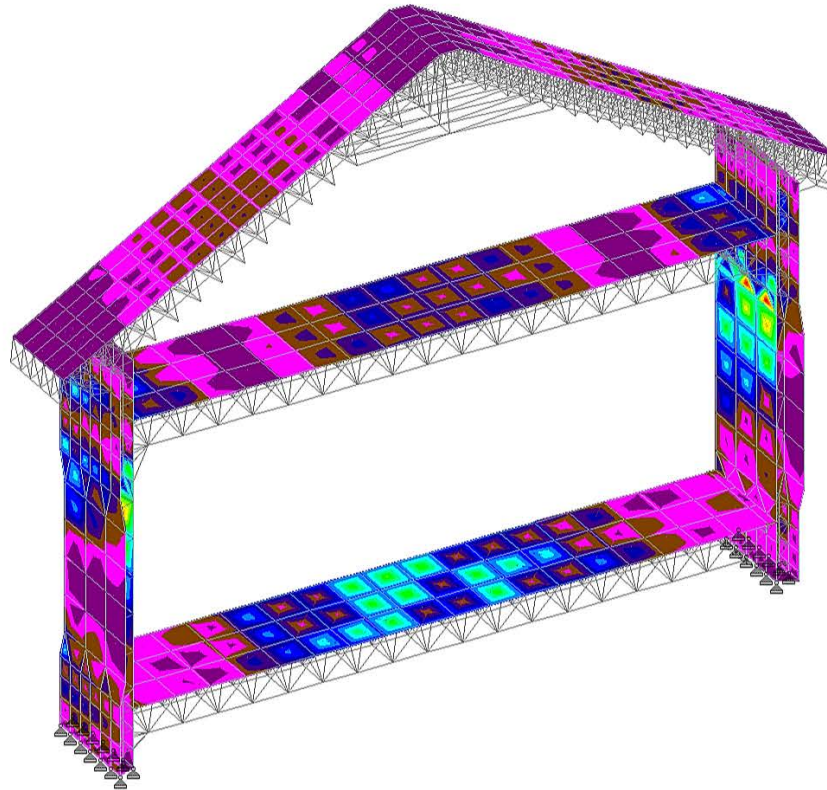
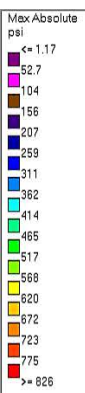


PLATE STRESSES SHOWN

Load 1

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*****
*
*          STAAD.Pro V8i SELECTseries6          *
*          Version  20.07.11.33                  *
*          Proprietary Program of                *
*          Bentley Systems, Inc.                 *
*          Date=    MAR 13, 2017                 *
*          Time=    21:20:44                     *
*
*          USER ID:                             *
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1. STAAD SPACE SMALL BUILDING TWO STY; 22 X 40
INPUT FILE: S:\IBI\STRUCTURAL\SDNWNFL\bl003d.STD
2. INPUT WIDTH 72
3. PAGE LENGTH 66
4. UNIT FEET KIP
    
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1439. _FLELEMS THICKNESS .048
1440. _WLELEMS THICKNESS .018
1441. _RFELEMS THICKNESS .018
1442. _CFLELEM THICKNESS 2.
1443. _CWLELEM THICKNESS 2.
1444. _CRFELEM THICKNESS 2.

1445. CONSTANT
1446. E STEEL MEMB 1 TO 1294 1296 TO 1955 2000 TO 2467 4000 TO 4124 4126 -
1447. 4128 4130 4132 4134 4136 4138 4141 TO 4175 4177 4179 4181 4183 4185 -
1448. 4187 4189 4193 4195 4196 4206 TO 4220 4231 TO 4244 4512 TO 4551 -
1449. 4600 TO 4636 5000 TO 5473 5491 TO 5575 5593 TO 5669 5671 TO 5679 -
1450. 6641 6642
1451. E CONCRETE MEMB 6000 TO 6640
1452. SUPPORT
1453. 89 103 117 146 160 189 PINNED
1454. 211 TO 216 PINNED

1455. 650 664 678 707 721 750 764 PINNED
1456. 772 TO 777 PINNED
1457. 1183 PINNED
1458. UNIT FEET POUND
1459. LOAD 1

1460. ELEMENT LOAD
1461. *FLOOR LOAD
1462. 5000 TO 5026 5263 TO 5322 5625 TO 5657 PR GY -55.
1463. *ROOF LOAD
1464. 5178 TO 5262 5491 TO 5575 5671 TO 5675 PR GY -30.
1465. *SELFWEIGHT Y -1.
1466. PERFORM ANALYSIS
    
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PROBLEM STATISTICS

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NUMBER OF JOINTS      1137  NUMBER OF MEMBERS      2711
NUMBER OF PLATES     1282  NUMBER OF SOLIDS       0
NUMBER OF SURFACES   0     NUMBER OF SUPPORTS     26
    
```

SOLVER USED IS THE OUT-OF-CORE BASIC SOLVER

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ORIGINAL/FINAL BAND-WIDTH= 1060/ 63/ 384 DOF
TOTAL PRIMARY LOAD CASES = 1, TOTAL DEGREES OF FREEDOM = 6744
TOTAL LOAD COMBINATION CASES = 0 SO FAR.
SIZE OF STIFFNESS MATRIX = 2590 DOUBLE KILO-WORDS
REQRD/AVAIL. DISK SPACE = 50.3/ 853422.4 MB
    
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1467. PARAMETER
1468. CODE AISC
1469. UNIT INCHES POUND
1470. MAIN 0. ALL
1471. TRACK 0. ALL
1472. STEEL TAKE OFF
    
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SMALL BUILDING TWO STY; 22 X 40

STEEL TAKE-OFF

PROFILE	LENGTH(INCH)	WEIGHT(POUN)
In Steel Takeoff the density of steel is assumed for members with no density.		
ST PIP E	20679.79	373.341
ST PIP E	8597.63	283.252
ST PIP E	2800.80	155.631
ST PIP E	1226.70	613.473
ST PIP E	597.33	74.681
	TOTAL =	1500.378

***** END OF DATA FROM INTERNAL STORAGE *****

1473. CHECK CODE ALL

STAAD.Pro CODE CHECKING - (AISC 9TH EDITION) v1.0

ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1	ST PIP E	PASS	(AISC SECTIONS)		
		4.55 C	AISC- H1-3	0.007	1
			0.00	0.00	0.00
2	ST PIP E	PASS	(AISC SECTIONS)		
		21.19 C	AISC- H1-3	0.033	1
			0.00	0.00	0.00
3	ST PIP E	PASS	(AISC SECTIONS)		
		63.86 C	AISC- H1-3	0.103	1
			0.00	0.00	0.00
4	ST PIP E	PASS	(AISC SECTIONS)		
		40.89 T	TENSION	0.030	1
			0.00	0.00	0.00
5	ST PIP E	PASS	(AISC SECTIONS)		
		40.02 C	AISC- H1-3	0.064	1
			0.00	0.00	0.00
6	ST PIP E	PASS	(AISC SECTIONS)		
		66.95 T	TENSION	0.049	1
			0.00	0.00	0.00
7	ST PIP E	PASS	(AISC SECTIONS)		
		73.19 T	TENSION	0.053	1
			0.00	0.00	0.00
8	ST PIP E	PASS	(AISC SECTIONS)		
		38.75 C	AISC- H1-3	0.062	1
			0.00	0.00	0.00
9	ST PIP E	PASS	(AISC SECTIONS)		
		122.84 T	TENSION	0.089	1
			0.00	0.00	0.00
10	ST PIP E	PASS	(AISC SECTIONS)		
		139.67 C	AISC- H1-1	0.444	1
			0.00	0.00	0.00
11	ST PIP E	PASS	(AISC SECTIONS)		
		152.10 T	TENSION	0.110	1
			0.00	0.00	0.00
12	ST PIP E	PASS	(AISC SECTIONS)		
		161.00 C	AISC- H1-1	0.512	1
			0.00	0.00	0.00
13	ST PIP E	PASS	(AISC SECTIONS)		
		162.42 T	TENSION	0.118	1
			0.00	0.00	0.00
14	ST PIP E	PASS	(AISC SECTIONS)		
		159.70 C	AISC- H1-1	0.508	1
			0.00	0.00	0.00
15	ST PIP E	PASS	(AISC SECTIONS)		
		159.29 T	TENSION	0.116	1
			0.00	0.00	0.00
16	ST PIP E	PASS	(AISC SECTIONS)		
		141.00 C	AISC- H1-1	0.448	1
			0.00	0.00	0.00
17	ST PIP E	PASS	(AISC SECTIONS)		
		129.59 T	TENSION	0.094	1
			0.00	0.00	0.00

ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
18	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.252	1
		79.25 C	0.00	0.00	0.00
19	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		15.50 T	0.00	0.00	0.00
20	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.036	1
		22.57 C	0.00	0.00	0.00
21	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.300	1
		186.96 C	0.00	0.00	0.00
22	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.122	1
		168.20 T	0.00	0.00	0.00
23	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.394	1
		245.18 C	0.00	0.00	0.00
24	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.170	1
		234.07 T	0.00	0.00	0.00
25	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.300	1
		186.89 C	0.00	0.00	0.00
26	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.181	1
		249.90 T	0.00	0.00	0.00
27	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.004	1
		2.52 C	0.00	0.00	0.00
28	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.035	1
		22.74 C	0.00	0.00	0.00
29	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.099	1
		61.35 C	0.00	0.00	0.00
30	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.023	1
		31.84 T	0.00	0.00	0.00
31	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.073	1
		45.41 C	0.00	0.00	0.00
32	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.022	1
		29.67 T	0.00	0.00	0.00
33	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.027	1
		37.10 T	0.00	0.00	0.00
34	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.056	1
		34.82 C	0.00	0.00	0.00

ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
35	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.324	1
		201.95 C	0.00	0.00	0.00
36	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.108	1
		149.09 T	0.00	0.00	0.00
37	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.382	1
		237.76 C	0.00	0.00	0.00
38	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.173	1
		238.09 T	0.00	0.00	0.00
39	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.269	1
		167.31 C	0.00	0.00	0.00
40	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.133	1
		183.58 T	0.00	0.00	0.00
41	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		0.49 C	0.00	0.00	0.00
42	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.038	1
		24.62 C	0.00	0.00	0.00
43	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.092	1
		57.22 C	0.00	0.00	0.00
44	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.022	1
		30.33 T	0.00	0.00	0.00
45	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.077	1
		47.87 C	0.00	0.00	0.00
46	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.018	1
		24.34 T	0.00	0.00	0.00
47	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.025	1
		33.90 T	0.00	0.00	0.00
48	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		3.04 T	0.00	0.00	0.00
49	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.270	1
		168.17 C	0.00	0.00	0.00
50	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.117	1
		161.70 T	0.00	0.00	0.00
51	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.371	1
		231.05 C	0.00	0.00	0.00

SMALL BUILDING TWO STY; 22 X 40

ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
52	ST PIP E	PASS	(AISC SECTIONS)	0.169	1
		233.23 T	TENSION	0.00	0.00
53	ST PIP E	PASS	(AISC SECTIONS)	0.288	1
		179.55 C	AISC- H1-1	0.00	0.00
54	ST PIP E	PASS	(AISC SECTIONS)	0.119	1
		163.33 T	TENSION	0.00	0.00
55	ST PIP E	PASS	(AISC SECTIONS)	0.130	1
		80.70 C	AISC- H1-3	0.00	0.00
56	ST PIP E	PASS	(AISC SECTIONS)	0.073	1
		101.07 T	TENSION	0.00	0.00
57	ST PIP E	PASS	(AISC SECTIONS)	0.421	1
		132.52 C	AISC- H1-1	0.00	0.00
58	ST PIP E	PASS	(AISC SECTIONS)	0.108	1
		149.07 T	TENSION	0.00	0.00
59	ST PIP E	PASS	(AISC SECTIONS)	0.489	1
		154.10 C	AISC- H1-1	0.00	0.00
60	ST PIP E	PASS	(AISC SECTIONS)	0.113	1
		155.46 T	TENSION	0.00	0.00
61	ST PIP E	PASS	(AISC SECTIONS)	0.501	1
		157.60 C	AISC- H1-1	0.00	0.00
62	ST PIP E	PASS	(AISC SECTIONS)	0.108	1
		148.57 T	TENSION	0.00	0.00
63	ST PIP E	PASS	(AISC SECTIONS)	0.468	1
		147.46 C	AISC- H1-1	0.00	0.00
64	ST PIP E	PASS	(AISC SECTIONS)	0.084	1
		116.17 T	TENSION	0.00	0.00
65	ST PIP E	PASS	(AISC SECTIONS)	0.297	1
		93.59 C	AISC- H1-1	0.00	0.00
66	ST PIP E	PASS	(AISC SECTIONS)	0.014	1
		19.58 T	TENSION	0.00	0.00
67	ST PIP E	PASS	(AISC SECTIONS)	0.000	1
		0.47 T	TENSION	0.00	0.00
68	ST PIP E	PASS	(AISC SECTIONS)	0.034	1
		21.82 C	AISC- H1-3	0.00	0.00

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

IBI, INC.

4/3/2017

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
69	ST PIP E	PASS	(AISC SECTIONS)	0.084	1
		52.42 C	AISC- H1-3	0.00	0.00
70	ST PIP E	PASS	(AISC SECTIONS)	0.020	1
		27.69 T	TENSION	0.00	0.00
71	ST PIP E	PASS	(AISC SECTIONS)	0.082	1
		50.89 C	AISC- H1-3	0.00	0.00
72	ST PIP E	PASS	(AISC SECTIONS)	0.072	1
		99.57 T	TENSION	0.00	0.00
73	ST PIP E	PASS	(AISC SECTIONS)	0.073	1
		100.24 T	TENSION	0.00	0.00
74	ST PIP E	PASS	(AISC SECTIONS)	0.132	1
		82.35 C	AISC- H1-3	0.00	0.00
75	ST PIP E	PASS	(AISC SECTIONS)	0.307	1
		191.17 C	AISC- H1-1	0.00	0.00
76	ST PIP E	PASS	(AISC SECTIONS)	0.105	1
		145.15 T	TENSION	0.00	0.00
77	ST PIP E	PASS	(AISC SECTIONS)	0.377	1
		234.66 C	AISC- H1-1	0.00	0.00
78	ST PIP E	PASS	(AISC SECTIONS)	0.161	1
		221.49 T	TENSION	0.00	0.00
79	ST PIP E	PASS	(AISC SECTIONS)	0.287	1
		178.80 C	AISC- H1-1	0.00	0.00
80	ST PIP E	PASS	(AISC SECTIONS)	0.189	1
		260.42 T	TENSION	0.00	0.00
81	ST PIP E	PASS	(AISC SECTIONS)	0.001	1
		0.94 T	TENSION	0.00	0.00
82	ST PIP E	PASS	(AISC SECTIONS)	0.041	1
		26.68 C	AISC- H1-3	0.00	0.00
83	ST PIP E	PASS	(AISC SECTIONS)	0.088	1
		54.86 C	AISC- H1-3	0.00	0.00
84	ST PIP E	PASS	(AISC SECTIONS)	0.017	1
		24.05 T	TENSION	0.00	0.00
85	ST PIP E	PASS	(AISC SECTIONS)	0.084	1
		52.29 C	AISC- H1-3	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
86	ST PIP E	PASS	(AISC SECTIONS)	0.070	1
		96.24 T	TENSION	0.00	0.00
87	ST PIP E	PASS	(AISC SECTIONS)	0.071	1
		97.49 T	TENSION	0.00	0.00
88	ST PIP E	PASS	(AISC SECTIONS)	0.135	1
		83.86 C	AISC- H1-3	0.00	0.00
89	ST PIP E	PASS	(AISC SECTIONS)	0.068	1
		93.42 T	TENSION	0.00	0.00
90	ST PIP E	PASS	(AISC SECTIONS)	0.430	1
		135.31 C	AISC- H1-1	0.00	0.00
91	ST PIP E	PASS	(AISC SECTIONS)	0.104	1
		142.71 T	TENSION	0.00	0.00
92	ST PIP E	PASS	(AISC SECTIONS)	0.483	1
		151.94 C	AISC- H1-1	0.00	0.00
93	ST PIP E	PASS	(AISC SECTIONS)	0.111	1
		152.97 T	TENSION	0.00	0.00
94	ST PIP E	PASS	(AISC SECTIONS)	0.478	1
		150.60 C	AISC- H1-1	0.00	0.00
95	ST PIP E	PASS	(AISC SECTIONS)	0.112	1
		153.88 T	TENSION	0.00	0.00
96	ST PIP E	PASS	(AISC SECTIONS)	0.431	1
		135.75 C	AISC- H1-1	0.00	0.00
97	ST PIP E	PASS	(AISC SECTIONS)	0.098	1
		135.00 T	TENSION	0.00	0.00
98	ST PIP E	PASS	(AISC SECTIONS)	0.233	1
		73.41 C	AISC- H1-1	0.00	0.00
99	ST PIP E	PASS	(AISC SECTIONS)	0.032	1
		43.88 T	TENSION	0.00	0.00
100	ST PIP E	PASS	(AISC SECTIONS)	0.098	1
		60.87 C	AISC- H1-3	0.00	0.00
101	ST PIP E	PASS	(AISC SECTIONS)	0.272	1
		169.78 C	AISC- H1-1	0.00	0.00
102	ST PIP E	PASS	(AISC SECTIONS)	0.116	1
		160.48 T	TENSION	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
=====					
103	ST PIP E	PASS	(AISC SECTIONS)		
		227.42 C	AISC- H1-1	0.365	1
			0.00	0.00	0.00
104	ST PIP E	PASS	(AISC SECTIONS)		
		221.37 T	TENSION	0.161	1
			0.00	0.00	0.00
105	ST PIP E	PASS	(AISC SECTIONS)		
		185.03 C	AISC- H1-1	0.297	1
			0.00	0.00	0.00
106	ST PIP E	PASS	(AISC SECTIONS)		
		250.97 T	TENSION	0.182	1
			0.00	0.00	0.00
107	ST PIP E	PASS	(AISC SECTIONS)		
		1.26 T	TENSION	0.001	1
			0.00	0.00	0.00
108	ST PIP E	PASS	(AISC SECTIONS)		
		21.67 C	AISC- H1-3	0.033	1
			0.00	0.00	0.00
109	ST PIP E	PASS	(AISC SECTIONS)		
		49.71 C	AISC- H1-3	0.080	1
			0.00	0.00	0.00
110	ST PIP E	PASS	(AISC SECTIONS)		
		30.60 T	TENSION	0.022	1
			0.00	0.00	0.00
111	ST PIP E	PASS	(AISC SECTIONS)		
		44.63 C	AISC- H1-3	0.072	1
			0.00	0.00	0.00
112	ST PIP E	PASS	(AISC SECTIONS)		
		14.56 T	TENSION	0.011	1
			0.00	0.00	0.00
113	ST PIP E	PASS	(AISC SECTIONS)		
		26.93 T	TENSION	0.020	1
			0.00	0.00	0.00
114	ST PIP E	PASS	(AISC SECTIONS)		
		24.65 C	AISC- H1-3	0.040	1
			0.00	0.00	0.00
115	ST PIP E	PASS	(AISC SECTIONS)		
		188.89 C	AISC- H1-1	0.304	1
			0.00	0.00	0.00
116	ST PIP E	PASS	(AISC SECTIONS)		
		149.19 T	TENSION	0.108	1
			0.00	0.00	0.00
117	ST PIP E	PASS	(AISC SECTIONS)		
		228.46 C	AISC- H1-1	0.367	1
			0.00	0.00	0.00
118	ST PIP E	PASS	(AISC SECTIONS)		
		227.75 T	TENSION	0.165	1
			0.00	0.00	0.00
119	ST PIP E	PASS	(AISC SECTIONS)		
		170.92 C	AISC- H1-1	0.275	1
			0.00	0.00	0.00

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

IBI, INC.

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SMALL BUILDING TWO STY; 22 X 40

ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE Noted)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
120	ST PIP E	PASS	(AISC SECTIONS)	0.121	1
		167.12 T	TENSION	0.00	0.00
121	ST PIP E	PASS	(AISC SECTIONS)	0.001	1
		1.32 T	TENSION	0.00	0.00
122	ST PIP E	PASS	(AISC SECTIONS)	0.041	1
		26.50 C	AISC- H1-3	0.00	0.00
123	ST PIP E	PASS	(AISC SECTIONS)	0.085	1
		53.20 C	AISC- H1-3	0.00	0.00
124	ST PIP E	PASS	(AISC SECTIONS)	0.018	1
		24.71 T	TENSION	0.00	0.00
125	ST PIP E	PASS	(AISC SECTIONS)	0.082	1
		51.10 C	AISC- H1-3	0.00	0.00
126	ST PIP E	PASS	(AISC SECTIONS)	0.006	1
		7.61 T	TENSION	0.00	0.00
127	ST PIP E	PASS	(AISC SECTIONS)	0.013	1
		17.38 T	TENSION	0.00	0.00
128	ST PIP E	PASS	(AISC SECTIONS)	0.016	1
		9.90 C	AISC- H1-3	0.00	0.00
129	ST PIP E	PASS	(AISC SECTIONS)	0.282	1
		175.68 C	AISC- H1-1	0.00	0.00
130	ST PIP E	PASS	(AISC SECTIONS)	0.116	1
		160.18 T	TENSION	0.00	0.00
131	ST PIP E	PASS	(AISC SECTIONS)	0.355	1
		221.74 C	AISC- H1-1	0.00	0.00
132	ST PIP E	PASS	(AISC SECTIONS)	0.169	1
		232.69 T	TENSION	0.00	0.00
133	ST PIP E	PASS	(AISC SECTIONS)	0.275	1
		171.30 C	AISC- H1-1	0.00	0.00
134	ST PIP E	PASS	(AISC SECTIONS)	0.120	1
		165.09 T	TENSION	0.00	0.00
135	ST PIP E	PASS	(AISC SECTIONS)	0.118	1
		73.66 C	AISC- H1-3	0.00	0.00
136	ST PIP E	PASS	(AISC SECTIONS)	0.074	1
		102.48 T	TENSION	0.00	0.00

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=====					
137	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.396	1
		124.59 C	0.00	0.00	0.00
138	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.106	1
		145.83 T	0.00	0.00	0.00
139	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.461	1
		144.91 C	0.00	0.00	0.00
140	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.108	1
		148.47 T	0.00	0.00	0.00
141	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.476	1
		149.82 C	0.00	0.00	0.00
142	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.104	1
		143.97 T	0.00	0.00	0.00
143	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.459	1
		144.26 C	0.00	0.00	0.00
144	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.089	1
		122.16 T	0.00	0.00	0.00
145	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.293	1
		92.18 C	0.00	0.00	0.00
146	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.023	1
		32.12 T	0.00	0.00	0.00
147	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.93 T	0.00	0.00	0.00
148	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.039	1
		25.05 C	0.00	0.00	0.00
149	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.083	1
		51.26 C	0.00	0.00	0.00
150	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.021	1
		29.22 T	0.00	0.00	0.00
151	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.072	1
		44.90 C	0.00	0.00	0.00
152	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.077	1
		106.08 T	0.00	0.00	0.00
153	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.076	1
		105.30 T	0.00	0.00	0.00

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IBI, INC.

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
154	ST PIP E	PASS	(AISC SECTIONS)		
		85.53 C	AISC- H1-3	0.138	1
			0.00	0.00	0.00
155	ST PIP E	PASS	(AISC SECTIONS)		
		186.34 C	AISC- H1-1	0.300	1
			0.00	0.00	0.00
156	ST PIP E	PASS	(AISC SECTIONS)		
		146.07 T	TENSION	0.106	1
			0.00	0.00	0.00
157	ST PIP E	PASS	(AISC SECTIONS)		
		232.38 C	AISC- H1-1	0.374	1
			0.00	0.00	0.00
158	ST PIP E	PASS	(AISC SECTIONS)		
		216.73 T	TENSION	0.157	1
			0.00	0.00	0.00
159	ST PIP E	PASS	(AISC SECTIONS)		
		182.17 C	AISC- H1-1	0.293	1
			0.00	0.00	0.00
160	ST PIP E	PASS	(AISC SECTIONS)		
		253.83 T	TENSION	0.184	1
			0.00	0.00	0.00
161	ST PIP E	PASS	(AISC SECTIONS)		
		2.43 T	TENSION	0.002	1
			0.00	0.00	0.00
162	ST PIP E	PASS	(AISC SECTIONS)		
		29.20 C	AISC- H1-3	0.045	1
			0.00	0.00	0.00
163	ST PIP E	PASS	(AISC SECTIONS)		
		53.68 C	AISC- H1-3	0.086	1
			0.00	0.00	0.00
164	ST PIP E	PASS	(AISC SECTIONS)		
		25.61 T	TENSION	0.019	1
			0.00	0.00	0.00
165	ST PIP E	PASS	(AISC SECTIONS)		
		53.72 C	AISC- H1-3	0.086	1
			0.00	0.00	0.00
166	ST PIP E	PASS	(AISC SECTIONS)		
		96.45 T	TENSION	0.070	1
			0.00	0.00	0.00
167	ST PIP E	PASS	(AISC SECTIONS)		
		90.41 T	TENSION	0.066	1
			0.00	0.00	0.00
168	ST PIP E	PASS	(AISC SECTIONS)		
		89.00 C	AISC- H1-3	0.143	1
			0.00	0.00	0.00
169	ST PIP E	PASS	(AISC SECTIONS)		
		91.40 T	TENSION	0.066	1
			0.00	0.00	0.00
170	ST PIP E	PASS	(AISC SECTIONS)		
		135.13 C	AISC- H1-1	0.429	1
			0.00	0.00	0.00

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

IBI, INC.

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SMALL BUILDING TWO STY; 22 X 40

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
171	ST PIP E	PASS	(AISC SECTIONS)	0.100	1
		137.24 T	TENSION	0.00	0.00
172	ST PIP E	PASS	(AISC SECTIONS)	0.458	1
		144.48 C	AISC- H1-1	0.00	0.00
173	ST PIP E	PASS	(AISC SECTIONS)	0.105	1
		144.34 T	TENSION	0.00	0.00
174	ST PIP E	PASS	(AISC SECTIONS)	0.456	1
		143.77 C	AISC- H1-1	0.00	0.00
175	ST PIP E	PASS	(AISC SECTIONS)	0.105	1
		144.54 T	TENSION	0.00	0.00
176	ST PIP E	PASS	(AISC SECTIONS)	0.432	1
		136.09 C	AISC- H1-1	0.00	0.00
177	ST PIP E	PASS	(AISC SECTIONS)	0.091	1
		125.66 T	TENSION	0.00	0.00
178	ST PIP E	PASS	(AISC SECTIONS)	0.295	1
		92.97 C	AISC- H1-1	0.00	0.00
179	ST PIP E	PASS	(AISC SECTIONS)	0.027	1
		37.23 T	TENSION	0.00	0.00
180	ST PIP E	PASS	(AISC SECTIONS)	0.137	1
		85.14 C	AISC- H1-3	0.00	0.00
181	ST PIP E	PASS	(AISC SECTIONS)	0.297	1
		185.12 C	AISC- H1-1	0.00	0.00
182	ST PIP E	PASS	(AISC SECTIONS)	0.106	1
		146.08 T	TENSION	0.00	0.00
183	ST PIP E	PASS	(AISC SECTIONS)	0.364	1
		227.11 C	AISC- H1-1	0.00	0.00
184	ST PIP E	PASS	(AISC SECTIONS)	0.162	1
		222.74 T	TENSION	0.00	0.00
185	ST PIP E	PASS	(AISC SECTIONS)	0.285	1
		177.66 C	AISC- H1-1	0.00	0.00
186	ST PIP E	PASS	(AISC SECTIONS)	0.186	1
		255.77 T	TENSION	0.00	0.00
187	ST PIP E	PASS	(AISC SECTIONS)	0.001	1
		1.08 T	TENSION	0.00	0.00

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

IBI, INC.

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
188	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.046	1
		29.43 C	0.00	0.00	0.00
189	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.084	1
		52.19 C	0.00	0.00	0.00
190	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.024	1
		32.43 T	0.00	0.00	0.00
191	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.069	1
		42.77 C	0.00	0.00	0.00
192	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.027	1
		36.71 T	0.00	0.00	0.00
193	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.032	1
		43.50 T	0.00	0.00	0.00
194	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.047	1
		28.86 C	0.00	0.00	0.00
195	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.288	1
		179.04 C	0.00	0.00	0.00
196	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.102	1
		140.22 T	0.00	0.00	0.00
197	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.375	1
		232.92 C	0.00	0.00	0.00
198	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.163	1
		224.11 T	0.00	0.00	0.00
199	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.281	1
		174.42 C	0.00	0.00	0.00
200	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.122	1
		168.26 T	0.00	0.00	0.00
201	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.012	1
		16.43 T	0.00	0.00	0.00
202	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.031	1
		20.41 C	0.00	0.00	0.00
203	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.065	1
		40.47 C	0.00	0.00	0.00
204	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.032	1
		43.66 T	0.00	0.00	0.00

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IBI, INC.

4/3/2017

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=====					
205	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.085	1
		52.76 C	0.00	0.00	0.00
206	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.019	1
		26.25 T	0.00	0.00	0.00
207	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.006	1
		8.41 T	0.00	0.00	0.00
208	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.075	1
		46.64 C	0.00	0.00	0.00
209	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.291	1
		181.53 C	0.00	0.00	0.00
210	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.106	1
		145.49 T	0.00	0.00	0.00
211	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.352	1
		219.79 C	0.00	0.00	0.00
212	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.168	1
		232.01 T	0.00	0.00	0.00
213	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.286	1
		178.88 C	0.00	0.00	0.00
214	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.116	1
		160.47 T	0.00	0.00	0.00
215	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.080	1
		49.65 C	0.00	0.00	0.00
216	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.094	1
		129.41 T	0.00	0.00	0.00
217	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.401	1
		125.84 C	0.00	0.00	0.00
218	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.104	1
		142.94 T	0.00	0.00	0.00
219	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.445	1
		139.89 C	0.00	0.00	0.00
220	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.104	1
		142.72 T	0.00	0.00	0.00
221	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.456	1
		143.25 C	0.00	0.00	0.00

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222	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.102	1
		139.87 T	0.00	0.00	0.00
223	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-1	0.444	1
		139.54 C	0.00	0.00	0.00
224	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.088	1
		121.38 T	0.00	0.00	0.00
225	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-1	0.285	1
		89.60 C	0.00	0.00	0.00
226	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.034	1
		46.41 T	0.00	0.00	0.00
227	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.013	1
		17.37 T	0.00	0.00	0.00
228	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.107	1
		69.34 C	0.00	0.00	0.00
229	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.136	1
		84.62 C	0.00	0.00	0.00
230	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.036	1
		49.11 T	0.00	0.00	0.00
231	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.077	1
		48.05 C	0.00	0.00	0.00
232	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.058	1
		79.30 T	0.00	0.00	0.00
233	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.045	1
		61.56 T	0.00	0.00	0.00
234	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.019	1
		26.24 T	0.00	0.00	0.00
235	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-1	0.164	1
		101.88 C	0.00	0.00	0.00
236	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.092	1
		126.96 T	0.00	0.00	0.00
237	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-1	0.400	1
		248.76 C	0.00	0.00	0.00
238	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.161	1
		222.37 T	0.00	0.00	0.00

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239	ST PIP E	PASS	(AISC SECTIONS)		
		191.55 C	AISC- H1-1	0.308	1
			0.00	0.00	0.00
240	ST PIP E	PASS	(AISC SECTIONS)		
		228.61 T	TENSION	0.166	1
			0.00	0.00	0.00
241	ST PIP E	PASS	(AISC SECTIONS)		
		56.92 T	TENSION	0.041	1
			0.00	0.00	0.00
242	ST PIP E	PASS	(AISC SECTIONS)		
		2.74 T	TENSION	0.002	1
			0.00	0.00	0.00
243	ST PIP E	PASS	(AISC SECTIONS)		
		81.48 T	TENSION	0.059	1
			0.00	0.00	0.00
244	ST PIP E	PASS	(AISC SECTIONS)		
		106.24 C	AISC- H1-1	0.171	1
			0.00	0.00	0.00
245	ST PIP E	PASS	(AISC SECTIONS)		
		97.57 T	TENSION	0.071	1
			0.00	0.00	0.00
246	ST PIP E	PASS	(AISC SECTIONS)		
		97.00 C	AISC- H1-1	0.156	1
			0.00	0.00	0.00
247	ST PIP E	PASS	(AISC SECTIONS)		
		1.95 C	AISC- H1-3	0.003	1
			0.00	0.00	0.00
248	ST PIP E	PASS	(AISC SECTIONS)		
		21.16 T	TENSION	0.015	1
			0.00	0.00	0.00
249	ST PIP E	PASS	(AISC SECTIONS)		
		97.42 T	TENSION	0.071	1
			0.00	0.00	0.00
250	ST PIP E	PASS	(AISC SECTIONS)		
		115.56 C	AISC- H1-1	0.186	1
			0.00	0.00	0.00
251	ST PIP E	PASS	(AISC SECTIONS)		
		82.70 T	TENSION	0.060	1
			0.00	0.00	0.00
252	ST PIP E	PASS	(AISC SECTIONS)		
		120.89 C	AISC- H1-1	0.194	1
			0.00	0.00	0.00
253	ST PIP E	PASS	(AISC SECTIONS)		
		19.13 C	AISC- H1-3	0.031	1
			0.00	0.00	0.00
254	ST PIP E	PASS	(AISC SECTIONS)		
		3.07 T	TENSION	0.002	1
			0.00	0.00	0.00
255	ST PIP E	PASS	(AISC SECTIONS)		
		89.82 T	TENSION	0.065	1
			0.00	0.00	0.00

SMALL BUILDING TWO STY; 22 X 40

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
256	ST PIP E	PASS	(AISC SECTIONS)		
		119.78 C	AISC- H1-1	0.192	1
			0.00	0.00	0.00
257	ST PIP E	PASS	(AISC SECTIONS)		
		92.13 T	TENSION	0.067	1
			0.00	0.00	0.00
258	ST PIP E	PASS	(AISC SECTIONS)		
		108.52 C	AISC- H1-1	0.174	1
			0.00	0.00	0.00
259	ST PIP E	PASS	(AISC SECTIONS)		
		85.73 T	TENSION	0.062	1
			0.00	0.00	0.00
260	ST PIP E	PASS	(AISC SECTIONS)		
		6.44 C	AISC- H1-3	0.010	1
			0.00	0.00	0.00
261	ST PIP E	PASS	(AISC SECTIONS)		
		81.77 T	TENSION	0.059	1
			0.00	0.00	0.00
262	ST PIP E	PASS	(AISC SECTIONS)		
		116.32 C	AISC- H1-1	0.187	1
			0.00	0.00	0.00
263	ST PIP E	PASS	(AISC SECTIONS)		
		93.68 T	TENSION	0.068	1
			0.00	0.00	0.00
264	ST PIP E	PASS	(AISC SECTIONS)		
		106.71 C	AISC- H1-1	0.172	1
			0.00	0.00	0.00
265	ST PIP E	PASS	(AISC SECTIONS)		
		75.03 T	TENSION	0.054	1
			0.00	0.00	0.00
266	ST PIP E	PASS	(AISC SECTIONS)		
		18.94 C	AISC- H1-3	0.030	1
			0.00	0.00	0.00
267	ST PIP E	PASS	(AISC SECTIONS)		
		74.27 T	TENSION	0.054	1
			0.00	0.00	0.00
268	ST PIP E	PASS	(AISC SECTIONS)		
		125.03 C	AISC- H1-1	0.201	1
			0.00	0.00	0.00
269	ST PIP E	PASS	(AISC SECTIONS)		
		90.17 T	TENSION	0.065	1
			0.00	0.00	0.00
270	ST PIP E	PASS	(AISC SECTIONS)		
		111.38 C	AISC- H1-1	0.179	1
			0.00	0.00	0.00
271	ST PIP E	PASS	(AISC SECTIONS)		
		5.54 C	AISC- H1-3	0.009	1
			0.00	0.00	0.00
272	ST PIP E	PASS	(AISC SECTIONS)		
		8.42 T	TENSION	0.006	1
			0.00	0.00	0.00

SMALL BUILDING TWO STY; 22 X 40

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
273	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.074	1
		101.74 T	0.00	0.00	0.00
274	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-1	0.190	1
		118.07 C	0.00	0.00	0.00
275	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.070	1
		96.62 T	0.00	0.00	0.00
276	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-1	0.166	1
		103.14 C	0.00	0.00	0.00
277	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.017	1
		10.60 C	0.00	0.00	0.00
278	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.001	1
		1.48 T	0.00	0.00	0.00
279	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.069	1
		95.77 T	0.00	0.00	0.00
280	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-1	0.203	1
		126.31 C	0.00	0.00	0.00
281	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.066	1
		90.45 T	0.00	0.00	0.00
282	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-1	0.178	1
		111.05 C	0.00	0.00	0.00
283	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.060	1
		82.00 T	0.00	0.00	0.00
284	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.018	1
		11.11 C	0.00	0.00	0.00
285	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.060	1
		82.17 T	0.00	0.00	0.00
286	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-1	0.189	1
		117.45 C	0.00	0.00	0.00
287	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.070	1
		96.67 T	0.00	0.00	0.00
288	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-1	0.166	1
		103.12 C	0.00	0.00	0.00
289	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.059	1
		80.98 T	0.00	0.00	0.00

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290	ST PIP E	PASS	(AISC SECTIONS)		
		13.65 C	AISC- H1-3	0.022	1
			0.00	0.00	0.00
291	ST PIP E	PASS	(AISC SECTIONS)		
		78.40 T	TENSION	0.057	1
			0.00	0.00	0.00
292	ST PIP E	PASS	(AISC SECTIONS)		
		121.43 C	AISC- H1-1	0.195	1
			0.00	0.00	0.00
293	ST PIP E	PASS	(AISC SECTIONS)		
		93.71 T	TENSION	0.068	1
			0.00	0.00	0.00
294	ST PIP E	PASS	(AISC SECTIONS)		
		105.25 C	AISC- H1-1	0.169	1
			0.00	0.00	0.00
295	ST PIP E	PASS	(AISC SECTIONS)		
		7.53 C	AISC- H1-3	0.012	1
			0.00	0.00	0.00
296	ST PIP E	PASS	(AISC SECTIONS)		
		9.67 T	TENSION	0.007	1
			0.00	0.00	0.00
297	ST PIP E	PASS	(AISC SECTIONS)		
		99.13 T	TENSION	0.072	1
			0.00	0.00	0.00
298	ST PIP E	PASS	(AISC SECTIONS)		
		117.71 C	AISC- H1-1	0.190	1
			0.00	0.00	0.00
299	ST PIP E	PASS	(AISC SECTIONS)		
		92.94 T	TENSION	0.067	1
			0.00	0.00	0.00
300	ST PIP E	PASS	(AISC SECTIONS)		
		106.46 C	AISC- H1-1	0.172	1
			0.00	0.00	0.00
301	ST PIP E	PASS	(AISC SECTIONS)		
		19.04 C	AISC- H1-3	0.031	1
			0.00	0.00	0.00
302	ST PIP E	PASS	(AISC SECTIONS)		
		2.41 C	AISC- H1-3	0.004	1
			0.00	0.00	0.00
303	ST PIP E	PASS	(AISC SECTIONS)		
		96.36 T	TENSION	0.070	1
			0.00	0.00	0.00
304	ST PIP E	PASS	(AISC SECTIONS)		
		118.28 C	AISC- H1-1	0.190	1
			0.00	0.00	0.00
305	ST PIP E	PASS	(AISC SECTIONS)		
		98.71 T	TENSION	0.072	1
			0.00	0.00	0.00
306	ST PIP E	PASS	(AISC SECTIONS)		
		89.08 C	AISC- H1-3	0.143	1
			0.00	0.00	0.00

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IBI, INC.

4/3/2017

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
307	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.035	1
		48.40 T	0.00	0.00	0.00
308	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.016	1
		9.79 C	0.00	0.00	0.00
309	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.065	1
		89.59 T	0.00	0.00	0.00
310	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-1	0.178	1
		110.30 C	0.00	0.00	0.00
311	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.072	1
		99.30 T	0.00	0.00	0.00
312	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-1	0.201	1
		124.83 C	0.00	0.00	0.00
313	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
314	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
315	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.065	1
		20.11 C	0.00	0.00	0.00
316	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.000	1
		0.61 T	0.00	0.00	0.00
317	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.012	1
		16.57 T	0.00	0.00	0.00
318	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
319	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-1	0.244	1
		80.96 C	0.00	0.00	0.00
320	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-1	0.309	1
		102.74 C	0.00	0.00	0.00
321	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.032	1
		10.02 C	0.00	0.00	0.00
322	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.073	1
		100.27 T	0.00	0.00	0.00
323	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.035	1
		47.98 T	0.00	0.00	0.00

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324	ST PIP E	PASS	(AISC SECTIONS)		
		19.12 C	AISC- H1-3	0.062	1
			0.00	0.00	0.00
325	ST PIP E	PASS	(AISC SECTIONS)		
		8.72 C	AISC- H1-3	0.028	1
			0.00	0.00	0.00
326	ST PIP E	PASS	(AISC SECTIONS)		
		86.17 T	TENSION	0.063	1
			0.00	0.00	0.00
327	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
328	ST PIP E	PASS	(AISC SECTIONS)		
		3.83 C	AISC- H1-3	0.005	1
			0.00	0.00	0.00
329	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
330	ST PIP E	PASS	(AISC SECTIONS)		
		48.25 C	AISC- H1-1	0.156	1
			0.00	0.00	0.00
331	ST PIP E	PASS	(AISC SECTIONS)		
		21.56 T	TENSION	0.016	1
			0.00	0.00	0.00
332	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
333	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
334	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
335	ST PIP E	PASS	(AISC SECTIONS)		
		30.02 C	AISC- H1-3	0.097	1
			0.00	0.00	0.00
336	ST PIP E	PASS	(AISC SECTIONS)		
		31.76 T	TENSION	0.023	1
			0.00	0.00	0.00
337	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
338	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
339	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
340	ST PIP E	PASS	(AISC SECTIONS)		
		25.04 C	AISC- H1-3	0.081	1
			0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
341	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.019	1
		25.97 T	0.00	0.00	0.00
342	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
343	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
344	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
345	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.056	1
		17.34 C	0.00	0.00	0.00
346	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.013	1
		18.12 T	0.00	0.00	0.00
347	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
348	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
349	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
350	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.030	1
		9.41 C	0.00	0.00	0.00
351	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.007	1
		10.08 T	0.00	0.00	0.00
352	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
353	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
354	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
355	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.005	1
		1.52 C	0.00	0.00	0.00
356	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.002	1
		2.18 T	0.00	0.00	0.00
357	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00

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358	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
359	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
360	ST PIP E	PASS	(AISC SECTIONS)		
		6.64 T	TENSION	0.005	1
			0.00	0.00	0.00
361	ST PIP E	PASS	(AISC SECTIONS)		
		5.85 C	AISC- H1-3	0.019	1
			0.00	0.00	0.00
362	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
363	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
364	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
365	ST PIP E	PASS	(AISC SECTIONS)		
		15.03 T	TENSION	0.011	1
			0.00	0.00	0.00
366	ST PIP E	PASS	(AISC SECTIONS)		
		13.82 C	AISC- H1-3	0.045	1
			0.00	0.00	0.00
367	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
368	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
369	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
370	ST PIP E	PASS	(AISC SECTIONS)		
		22.44 T	TENSION	0.016	1
			0.00	0.00	0.00
371	ST PIP E	PASS	(AISC SECTIONS)		
		18.37 C	AISC- H1-3	0.059	1
			0.00	0.00	0.00
372	ST PIP E	PASS	(AISC SECTIONS)		
		20.26 C	AISC- H1-3	0.066	1
			0.00	0.00	0.00
373	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
374	ST PIP E	PASS	(AISC SECTIONS)		
		11.47 T	TENSION	0.008	1
			0.00	0.00	0.00

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375	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.025	1
		7.68 C	0.00	0.00	0.00
376	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.081	1
		25.16 C	0.00	0.00	0.00
377	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
378	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.003	1
		3.82 T	0.00	0.00	0.00
379	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
380	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.003	1
		3.47 T	0.00	0.00	0.00
381	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.012	1
		3.56 C	0.00	0.00	0.00
382	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
383	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
384	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
385	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.007	1
		9.74 T	0.00	0.00	0.00
386	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.031	1
		9.53 C	0.00	0.00	0.00
387	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
388	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.001	1
		0.46 C	0.00	0.00	0.00
389	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
390	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
391	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00

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392	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
393	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.013	1
		17.68 T	0.00	0.00	0.00
394	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.057	1
		17.59 C	0.00	0.00	0.00
395	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
396	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
397	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
398	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.014	1
		19.60 T	0.00	0.00	0.00
399	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.068	1
		21.26 C	0.00	0.00	0.00
400	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
401	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
402	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.027	1
		9.51 C	0.00	0.00	0.00
403	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
404	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.005	1
		6.52 T	0.00	0.00	0.00
405	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.050	1
		15.40 C	0.00	0.00	0.00
406	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.061	1
		18.80 C	0.00	0.00	0.00
407	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.008	1
		2.52 C	0.00	0.00	0.00
408	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.006	1
		8.57 T	0.00	0.00	0.00

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IBI, INC.

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SMALL BUILDING TWO STY; 22 X 40

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
409	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.029	1
		39.86 T	0.00	0.00	0.00
410	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.71 T	0.00	0.00	0.00
411	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.242	1
		80.47 C	0.00	0.00	0.00
412	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.283	1
		94.14 C	0.00	0.00	0.00
413	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.032	1
		9.87 C	0.00	0.00	0.00
414	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.061	1
		83.87 T	0.00	0.00	0.00
415	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		4.22 T	0.00	0.00	0.00
416	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.018	1
		24.99 T	0.00	0.00	0.00
417	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.066	1
		20.38 C	0.00	0.00	0.00
418	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.037	1
		11.54 C	0.00	0.00	0.00
419	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.061	1
		83.85 T	0.00	0.00	0.00
420	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.015	1
		20.77 T	0.00	0.00	0.00
421	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.157	1
		70.82 C	0.00	0.00	0.00
422	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		2.61 C	0.00	0.00	0.00
423	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.163	1
		50.46 C	0.00	0.00	0.00
424	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.150	1
		46.21 C	0.00	0.00	0.00
425	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.014	1
		18.76 T	0.00	0.00	0.00

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

IBI, INC.

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SMALL BUILDING TWO STY; 22 X 40

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
426	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.019	1
		26.63 T	0.00	0.00	0.00
427	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.251	1
		112.44 C	0.00	0.00	0.00
428	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.00 T	0.00	0.00	0.00
429	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.092	1
		28.39 C	0.00	0.00	0.00
430	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.088	1
		27.31 C	0.00	0.00	0.00
431	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.020	1
		27.45 T	0.00	0.00	0.00
432	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.016	1
		21.87 T	0.00	0.00	0.00
433	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.142	1
		63.97 C	0.00	0.00	0.00
434	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.98 T	0.00	0.00	0.00
435	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.074	1
		22.73 C	0.00	0.00	0.00
436	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.075	1
		23.22 C	0.00	0.00	0.00
437	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.017	1
		23.96 T	0.00	0.00	0.00
438	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		14.24 T	0.00	0.00	0.00
439	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.054	1
		24.29 C	0.00	0.00	0.00
440	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.50 T	0.00	0.00	0.00
441	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.049	1
		15.05 C	0.00	0.00	0.00
442	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.051	1
		15.87 C	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
443	ST PIP E	PASS	(AISC SECTIONS)	0.012	1
		16.89 T	TENSION	0.00	0.00
444	ST PIP E	PASS	(AISC SECTIONS)	0.005	1
		7.15 T	TENSION	0.00	0.00
445	ST PIP E	PASS	(AISC SECTIONS)	0.002	1
		2.60 T	TENSION	0.00	0.00
446	ST PIP E	PASS	(AISC SECTIONS)	0.000	1
		0.44 T	TENSION	0.00	0.00
447	ST PIP E	PASS	(AISC SECTIONS)	0.025	1
		7.83 C	AISC- H1-3	0.00	0.00
448	ST PIP E	PASS	(AISC SECTIONS)	0.027	1
		8.41 C	AISC- H1-3	0.00	0.00
449	ST PIP E	PASS	(AISC SECTIONS)	0.007	1
		9.64 T	TENSION	0.00	0.00
450	ST PIP E	PASS	(AISC SECTIONS)	0.000	1
		0.36 T	TENSION	0.00	0.00
451	ST PIP E	PASS	(AISC SECTIONS)	0.012	1
		16.91 T	TENSION	0.00	0.00
452	ST PIP E	PASS	(AISC SECTIONS)	0.000	1
		0.38 T	TENSION	0.00	0.00
453	ST PIP E	PASS	(AISC SECTIONS)	0.003	1
		1.00 C	AISC- H1-3	0.00	0.00
454	ST PIP E	PASS	(AISC SECTIONS)	0.003	1
		1.01 C	AISC- H1-3	0.00	0.00
455	ST PIP E	PASS	(AISC SECTIONS)	0.002	1
		2.33 T	TENSION	0.00	0.00
456	ST PIP E	PASS	(AISC SECTIONS)	0.021	1
		6.56 C	AISC- H1-3	0.00	0.00
457	ST PIP E	PASS	(AISC SECTIONS)	0.014	1
		19.01 T	TENSION	0.00	0.00
458	ST PIP E	PASS	(AISC SECTIONS)	0.000	1
		0.36 T	TENSION	0.00	0.00
459	ST PIP E	PASS	(AISC SECTIONS)	0.004	1
		5.75 T	TENSION	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
460	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.005	1
		6.46 T	0.00	0.00	0.00
461	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.017	1
		5.10 C	0.00	0.00	0.00
462	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.045	1
		14.00 C	0.00	0.00	0.00
463	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.006	1
		8.71 T	0.00	0.00	0.00
464	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.45 T	0.00	0.00	0.00
465	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		12.78 T	0.00	0.00	0.00
466	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		14.23 T	0.00	0.00	0.00
467	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.041	1
		12.60 C	0.00	0.00	0.00
468	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.68 T	0.00	0.00	0.00
469	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.060	1
		18.47 C	0.00	0.00	0.00
470	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		14.43 T	0.00	0.00	0.00
471	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.012	1
		17.03 T	0.00	0.00	0.00
472	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.051	1
		15.80 C	0.00	0.00	0.00
473	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.108	1
		33.31 C	0.00	0.00	0.00
474	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.100	1
		44.96 C	0.00	0.00	0.00
475	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.27 T	0.00	0.00	0.00
476	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.010	1
		2.95 C	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
477	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.008	1
		2.54 C	0.00	0.00	0.00
478	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.098	1
		30.42 C	0.00	0.00	0.00
479	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.011	1
		3.33 C	0.00	0.00	0.00
480	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.028	1
		38.77 T	0.00	0.00	0.00
481	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		4.97 T	0.00	0.00	0.00
482	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		3.38 T	0.00	0.00	0.00
483	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		3.80 T	0.00	0.00	0.00
484	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.006	1
		1.95 C	0.00	0.00	0.00
485	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.028	1
		8.66 C	0.00	0.00	0.00
486	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.024	1
		33.07 T	0.00	0.00	0.00
487	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
488	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.006	1
		8.55 T	0.00	0.00	0.00
489	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.007	1
		9.35 T	0.00	0.00	0.00
490	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.027	1
		8.25 C	0.00	0.00	0.00
491	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
492	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.032	1
		14.37 C	0.00	0.00	0.00
493	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		0.87 C	0.00	0.00	0.00

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
494	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.25 C	0.00	0.00	0.00
495	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
496	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.46 T	0.00	0.00	0.00
497	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.051	1
		15.98 C	0.00	0.00	0.00
498	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.013	1
		17.93 T	0.00	0.00	0.00
499	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.012	1
		16.05 T	0.00	0.00	0.00
500	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.012	1
		16.87 T	0.00	0.00	0.00
501	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.052	1
		16.09 C	0.00	0.00	0.00
502	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
503	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.063	1
		19.53 C	0.00	0.00	0.00
504	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.022	1
		10.02 C	0.00	0.00	0.00
505	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.013	1
		18.06 T	0.00	0.00	0.00
506	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.013	1
		18.43 T	0.00	0.00	0.00
507	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.063	1
		19.51 C	0.00	0.00	0.00
508	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
509	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.032	1
		11.36 C	0.00	0.00	0.00
510	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.037	1
		42.67 C	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
511	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.026	1
		9.02 C	0.00	0.00	0.00
512	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.51 T	0.00	0.00	0.00
513	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		3.77 T	0.00	0.00	0.00
514	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.043	1
		13.31 C	0.00	0.00	0.00
515	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.054	1
		16.75 C	0.00	0.00	0.00
516	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.008	1
		2.33 C	0.00	0.00	0.00
517	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.84 T	0.00	0.00	0.00
518	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.028	1
		37.95 T	0.00	0.00	0.00
519	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.61 T	0.00	0.00	0.00
520	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.248	1
		82.45 C	0.00	0.00	0.00
521	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.272	1
		90.30 C	0.00	0.00	0.00
522	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.024	1
		7.26 C	0.00	0.00	0.00
523	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.057	1
		78.98 T	0.00	0.00	0.00
524	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		1.55 C	0.00	0.00	0.00
525	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		12.90 T	0.00	0.00	0.00
526	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.064	1
		19.87 C	0.00	0.00	0.00
527	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.039	1
		11.92 C	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
528	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.060	1
		83.21 T	0.00	0.00	0.00
529	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.015	1
		20.47 T	0.00	0.00	0.00
530	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.143	1
		64.20 C	0.00	0.00	0.00
531	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		2.21 C	0.00	0.00	0.00
532	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.148	1
		45.70 C	0.00	0.00	0.00
533	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.144	1
		44.48 C	0.00	0.00	0.00
534	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.013	1
		18.51 T	0.00	0.00	0.00
535	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.018	1
		25.38 T	0.00	0.00	0.00
536	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.231	1
		103.38 C	0.00	0.00	0.00
537	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.51 T	0.00	0.00	0.00
538	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.082	1
		25.54 C	0.00	0.00	0.00
539	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.084	1
		25.91 C	0.00	0.00	0.00
540	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.019	1
		25.71 T	0.00	0.00	0.00
541	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.015	1
		20.36 T	0.00	0.00	0.00
542	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.133	1
		59.53 C	0.00	0.00	0.00
543	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.06 T	0.00	0.00	0.00
544	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.068	1
		21.03 C	0.00	0.00	0.00

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

IBI, INC.

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SMALL BUILDING TWO STY; 22 X 40

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
545	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.071	1
		22.01 C	0.00	0.00	0.00
546	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.016	1
		22.30 T	0.00	0.00	0.00
547	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		13.08 T	0.00	0.00	0.00
548	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.051	1
		22.78 C	0.00	0.00	0.00
549	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.89 T	0.00	0.00	0.00
550	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.046	1
		14.13 C	0.00	0.00	0.00
551	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.049	1
		15.16 C	0.00	0.00	0.00
552	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		15.65 T	0.00	0.00	0.00
553	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.005	1
		6.30 T	0.00	0.00	0.00
554	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.13 T	0.00	0.00	0.00
555	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.02 T	0.00	0.00	0.00
556	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.024	1
		7.53 C	0.00	0.00	0.00
557	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.027	1
		8.21 C	0.00	0.00	0.00
558	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.006	1
		8.81 T	0.00	0.00	0.00
559	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
560	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		15.36 T	0.00	0.00	0.00
561	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.07 T	0.00	0.00	0.00

IBI, INC.

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SMALL BUILDING TWO STY; 22 X 40

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
562	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.004	1
		1.18 C	0.00	0.00	0.00
563	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.004	1
		1.32 C	0.00	0.00	0.00
564	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.95 T	0.00	0.00	0.00
565	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.021	1
		6.55 C	0.00	0.00	0.00
566	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.012	1
		17.18 T	0.00	0.00	0.00
567	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.09 T	0.00	0.00	0.00
568	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		5.17 T	0.00	0.00	0.00
569	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		5.54 T	0.00	0.00	0.00
570	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.016	1
		4.96 C	0.00	0.00	0.00
571	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.043	1
		13.35 C	0.00	0.00	0.00
572	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.005	1
		7.52 T	0.00	0.00	0.00
573	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.21 T	0.00	0.00	0.00
574	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		11.72 T	0.00	0.00	0.00
575	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		12.38 T	0.00	0.00	0.00
576	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.039	1
		11.95 C	0.00	0.00	0.00
577	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.59 T	0.00	0.00	0.00
578	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.055	1
		16.86 C	0.00	0.00	0.00

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

IBI, INC.

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SMALL BUILDING TWO STY; 22 X 40

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
579	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		15.65 T	0.00	0.00	0.00
580	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		15.60 T	0.00	0.00	0.00
581	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.050	1
		15.55 C	0.00	0.00	0.00
582	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.106	1
		32.69 C	0.00	0.00	0.00
583	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.092	1
		41.13 C	0.00	0.00	0.00
584	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.95 T	0.00	0.00	0.00
585	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.007	1
		2.31 C	0.00	0.00	0.00
586	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.006	1
		1.82 C	0.00	0.00	0.00
587	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.095	1
		29.29 C	0.00	0.00	0.00
588	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.015	1
		4.63 C	0.00	0.00	0.00
589	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.027	1
		36.54 T	0.00	0.00	0.00
590	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		5.96 T	0.00	0.00	0.00
591	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.75 T	0.00	0.00	0.00
592	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		3.56 T	0.00	0.00	0.00
593	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.008	1
		2.51 C	0.00	0.00	0.00
594	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.027	1
		8.49 C	0.00	0.00	0.00
595	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.023	1
		31.09 T	0.00	0.00	0.00

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
596	ST PIP E	PASS	(AISC SECTIONS)		
		0.97 T	TENSION	0.001	1
			0.00	0.00	0.00
597	ST PIP E	PASS	(AISC SECTIONS)		
		7.48 T	TENSION	0.005	1
			0.00	0.00	0.00
598	ST PIP E	PASS	(AISC SECTIONS)		
		8.44 T	TENSION	0.006	1
			0.00	0.00	0.00
599	ST PIP E	PASS	(AISC SECTIONS)		
		7.74 C	AISC- H1-3	0.025	1
			0.00	0.00	0.00
600	ST PIP E	PASS	(AISC SECTIONS)		
		0.69 T	TENSION	0.001	1
			0.00	0.00	0.00
601	ST PIP E	PASS	(AISC SECTIONS)		
		14.01 C	AISC- H1-3	0.031	1
			0.00	0.00	0.00
602	ST PIP E	PASS	(AISC SECTIONS)		
		0.34 C	AISC- H1-3	0.001	1
			0.00	0.00	0.00
603	ST PIP E	PASS	(AISC SECTIONS)		
		0.74 C	AISC- H1-3	0.001	1
			0.00	0.00	0.00
604	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
605	ST PIP E	PASS	(AISC SECTIONS)		
		0.87 T	TENSION	0.001	1
			0.00	0.00	0.00
606	ST PIP E	PASS	(AISC SECTIONS)		
		15.25 C	AISC- H1-3	0.049	1
			0.00	0.00	0.00
607	ST PIP E	PASS	(AISC SECTIONS)		
		17.17 T	TENSION	0.012	1
			0.00	0.00	0.00
608	ST PIP E	PASS	(AISC SECTIONS)		
		14.62 T	TENSION	0.011	1
			0.00	0.00	0.00
609	ST PIP E	PASS	(AISC SECTIONS)		
		15.66 T	TENSION	0.011	1
			0.00	0.00	0.00
610	ST PIP E	PASS	(AISC SECTIONS)		
		15.13 C	AISC- H1-3	0.049	1
			0.00	0.00	0.00
611	ST PIP E	PASS	(AISC SECTIONS)		
		0.39 T	TENSION	0.000	1
			0.00	0.00	0.00
612	ST PIP E	PASS	(AISC SECTIONS)		
		18.53 C	AISC- H1-3	0.060	1
			0.00	0.00	0.00

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

IBI, INC.

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SMALL BUILDING TWO STY; 22 X 40

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
613	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.020	1
		8.93 C	0.00	0.00	0.00
614	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.012	1
		16.73 T	0.00	0.00	0.00
615	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.013	1
		17.32 T	0.00	0.00	0.00
616	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.059	1
		18.35 C	0.00	0.00	0.00
617	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
618	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.032	1
		11.26 C	0.00	0.00	0.00
619	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.034	1
		39.38 C	0.00	0.00	0.00
620	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.024	1
		8.58 C	0.00	0.00	0.00
621	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.74 T	0.00	0.00	0.00
622	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.91 T	0.00	0.00	0.00
623	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.046	1
		14.09 C	0.00	0.00	0.00
624	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.048	1
		14.75 C	0.00	0.00	0.00
625	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		0.74 C	0.00	0.00	0.00
626	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		0.88 C	0.00	0.00	0.00
627	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.027	1
		37.05 T	0.00	0.00	0.00
628	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.46 T	0.00	0.00	0.00
629	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.254	1
		84.56 C	0.00	0.00	0.00

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

IBI, INC.

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SMALL BUILDING TWO STY; 22 X 40

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
630	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.262	1
		87.17 C	0.00	0.00	0.00
631	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.015	1
		4.69 C	0.00	0.00	0.00
632	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.056	1
		77.35 T	0.00	0.00	0.00
633	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.004	1
		3.15 C	0.00	0.00	0.00
634	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.005	1
		6.51 T	0.00	0.00	0.00
635	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.063	1
		19.45 C	0.00	0.00	0.00
636	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.038	1
		11.88 C	0.00	0.00	0.00
637	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.061	1
		83.51 T	0.00	0.00	0.00
638	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.014	1
		19.93 T	0.00	0.00	0.00
639	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.137	1
		61.65 C	0.00	0.00	0.00
640	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		1.19 C	0.00	0.00	0.00
641	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.141	1
		43.46 C	0.00	0.00	0.00
642	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.141	1
		43.60 C	0.00	0.00	0.00
643	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.014	1
		19.03 T	0.00	0.00	0.00
644	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.017	1
		24.00 T	0.00	0.00	0.00
645	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.217	1
		97.15 C	0.00	0.00	0.00
646	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
647	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.077	1
		23.81 C	0.00	0.00	0.00
648	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.081	1
		25.15 C	0.00	0.00	0.00
649	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.018	1
		24.69 T	0.00	0.00	0.00
650	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.014	1
		19.12 T	0.00	0.00	0.00
651	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.124	1
		55.90 C	0.00	0.00	0.00
652	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.95 T	0.00	0.00	0.00
653	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.063	1
		19.35 C	0.00	0.00	0.00
654	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.069	1
		21.32 C	0.00	0.00	0.00
655	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.015	1
		20.83 T	0.00	0.00	0.00
656	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		12.30 T	0.00	0.00	0.00
657	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.048	1
		21.55 C	0.00	0.00	0.00
658	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.04 T	0.00	0.00	0.00
659	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.041	1
		12.81 C	0.00	0.00	0.00
660	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.048	1
		14.87 C	0.00	0.00	0.00
661	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		14.31 T	0.00	0.00	0.00
662	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		6.05 T	0.00	0.00	0.00
663	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.68 T	0.00	0.00	0.00

ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
664	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.30 T	0.00	0.00	0.00
665	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.022	1
		6.65 C	0.00	0.00	0.00
666	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.027	1
		8.44 C	0.00	0.00	0.00
667	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.006	1
		7.78 T	0.00	0.00	0.00
668	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
669	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		14.01 T	0.00	0.00	0.00
670	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.40 T	0.00	0.00	0.00
671	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		0.77 C	0.00	0.00	0.00
672	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.007	1
		2.05 C	0.00	0.00	0.00
673	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.36 T	0.00	0.00	0.00
674	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.019	1
		5.76 C	0.00	0.00	0.00
675	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		15.75 T	0.00	0.00	0.00
676	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.44 T	0.00	0.00	0.00
677	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		5.17 T	0.00	0.00	0.00
678	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		4.31 T	0.00	0.00	0.00
679	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.016	1
		5.09 C	0.00	0.00	0.00
680	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.039	1
		11.93 C	0.00	0.00	0.00

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IBI, INC.

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SMALL BUILDING TWO STY; 22 X 40

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
681	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.005	1
		6.86 T	0.00	0.00	0.00
682	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.54 T	0.00	0.00	0.00
683	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		11.49 T	0.00	0.00	0.00
684	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		10.54 T	0.00	0.00	0.00
685	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.038	1
		11.70 C	0.00	0.00	0.00
686	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.83 T	0.00	0.00	0.00
687	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.050	1
		15.43 C	0.00	0.00	0.00
688	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		15.40 T	0.00	0.00	0.00
689	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		13.67 T	0.00	0.00	0.00
690	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.050	1
		15.33 C	0.00	0.00	0.00
691	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.101	1
		31.33 C	0.00	0.00	0.00
692	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.086	1
		38.67 C	0.00	0.00	0.00
693	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.97 T	0.00	0.00	0.00
694	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.006	1
		1.97 C	0.00	0.00	0.00
695	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.005	1
		1.58 C	0.00	0.00	0.00
696	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.089	1
		27.40 C	0.00	0.00	0.00
697	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.013	1
		4.04 C	0.00	0.00	0.00

IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
698	ST PIP E	PASS	(AISC SECTIONS)	0.025	1
		34.29 T	TENSION	0.00	0.00
699	ST PIP E	PASS	(AISC SECTIONS)	0.005	1
		7.39 T	TENSION	0.00	0.00
700	ST PIP E	PASS	(AISC SECTIONS)	0.002	1
		2.95 T	TENSION	0.00	0.00
701	ST PIP E	PASS	(AISC SECTIONS)	0.002	1
		2.54 T	TENSION	0.00	0.00
702	ST PIP E	PASS	(AISC SECTIONS)	0.010	1
		3.13 C	AISC- H1-3	0.00	0.00
703	ST PIP E	PASS	(AISC SECTIONS)	0.024	1
		7.50 C	AISC- H1-3	0.00	0.00
704	ST PIP E	PASS	(AISC SECTIONS)	0.021	1
		28.87 T	TENSION	0.00	0.00
705	ST PIP E	PASS	(AISC SECTIONS)	0.001	1
		1.57 T	TENSION	0.00	0.00
706	ST PIP E	PASS	(AISC SECTIONS)	0.005	1
		6.90 T	TENSION	0.00	0.00
707	ST PIP E	PASS	(AISC SECTIONS)	0.005	1
		7.16 T	TENSION	0.00	0.00
708	ST PIP E	PASS	(AISC SECTIONS)	0.025	1
		7.62 C	AISC- H1-3	0.00	0.00
709	ST PIP E	PASS	(AISC SECTIONS)	0.001	1
		1.02 T	TENSION	0.00	0.00
710	ST PIP E	PASS	(AISC SECTIONS)	0.029	1
		12.95 C	AISC- H1-3	0.00	0.00
711	ST PIP E	PASS	(AISC SECTIONS)	0.000	1
		0.64 T	TENSION	0.00	0.00
712	ST PIP E	PASS	(AISC SECTIONS)	0.001	1
		0.93 C	AISC- H1-3	0.00	0.00
713	ST PIP E	PASS	(AISC SECTIONS)	0.000	1
		0.00 T	AISC- H1-3	0.00	0.00
714	ST PIP E	PASS	(AISC SECTIONS)	0.000	1
		0.34 T	TENSION	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
715	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.045	1
		13.90 C	0.00	0.00	0.00
716	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.012	1
		16.18 T	0.00	0.00	0.00
717	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		13.51 T	0.00	0.00	0.00
718	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		14.16 T	0.00	0.00	0.00
719	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.046	1
		14.39 C	0.00	0.00	0.00
720	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.66 T	0.00	0.00	0.00
721	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.055	1
		17.20 C	0.00	0.00	0.00
722	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.018	1
		8.00 C	0.00	0.00	0.00
723	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		15.57 T	0.00	0.00	0.00
724	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.012	1
		16.01 T	0.00	0.00	0.00
725	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.056	1
		17.28 C	0.00	0.00	0.00
726	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.31 T	0.00	0.00	0.00
727	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.031	1
		11.07 C	0.00	0.00	0.00
728	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.031	1
		36.47 C	0.00	0.00	0.00
729	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.023	1
		8.18 C	0.00	0.00	0.00
730	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.88 T	0.00	0.00	0.00
731	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.42 T	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
732	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.054	1
		16.64 C	0.00	0.00	0.00
733	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.042	1
		13.08 C	0.00	0.00	0.00
734	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.22 T	0.00	0.00	0.00
735	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.014	1
		4.24 C	0.00	0.00	0.00
736	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.027	1
		37.67 T	0.00	0.00	0.00
737	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		3.57 T	0.00	0.00	0.00
738	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.261	1
		86.78 C	0.00	0.00	0.00
739	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.252	1
		83.72 C	0.00	0.00	0.00
740	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.013	1
		4.02 C	0.00	0.00	0.00
741	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.054	1
		74.80 T	0.00	0.00	0.00
742	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.004	1
		3.08 C	0.00	0.00	0.00
743	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.90 T	0.00	0.00	0.00
744	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.065	1
		20.02 C	0.00	0.00	0.00
745	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.040	1
		12.32 C	0.00	0.00	0.00
746	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.057	1
		78.50 T	0.00	0.00	0.00
747	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.014	1
		19.30 T	0.00	0.00	0.00
748	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.132	1
		59.51 C	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
749	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.42 T	0.00	0.00	0.00
750	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.137	1
		42.32 C	0.00	0.00	0.00
751	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.136	1
		42.08 C	0.00	0.00	0.00
752	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.013	1
		18.28 T	0.00	0.00	0.00
753	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.017	1
		22.88 T	0.00	0.00	0.00
754	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.207	1
		92.49 C	0.00	0.00	0.00
755	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
756	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.072	1
		22.43 C	0.00	0.00	0.00
757	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.078	1
		24.25 C	0.00	0.00	0.00
758	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.017	1
		23.02 T	0.00	0.00	0.00
759	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.013	1
		18.16 T	0.00	0.00	0.00
760	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.118	1
		53.01 C	0.00	0.00	0.00
761	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.70 T	0.00	0.00	0.00
762	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.057	1
		17.62 C	0.00	0.00	0.00
763	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.066	1
		20.52 C	0.00	0.00	0.00
764	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.014	1
		19.18 T	0.00	0.00	0.00
765	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		11.81 T	0.00	0.00	0.00

ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
766	ST PIP E	PASS	(AISC SECTIONS)		
		20.67 C	AISC- H1-3	0.046	1
			0.00	0.00	0.00
767	ST PIP E	PASS	(AISC SECTIONS)		
		0.75 T	TENSION	0.001	1
			0.00	0.00	0.00
768	ST PIP E	PASS	(AISC SECTIONS)		
		11.26 C	AISC- H1-3	0.036	1
			0.00	0.00	0.00
769	ST PIP E	PASS	(AISC SECTIONS)		
		14.58 C	AISC- H1-3	0.047	1
			0.00	0.00	0.00
770	ST PIP E	PASS	(AISC SECTIONS)		
		12.82 T	TENSION	0.009	1
			0.00	0.00	0.00
771	ST PIP E	PASS	(AISC SECTIONS)		
		6.18 T	TENSION	0.004	1
			0.00	0.00	0.00
772	ST PIP E	PASS	(AISC SECTIONS)		
		1.03 T	TENSION	0.001	1
			0.00	0.00	0.00
773	ST PIP E	PASS	(AISC SECTIONS)		
		0.99 T	TENSION	0.001	1
			0.00	0.00	0.00
774	ST PIP E	PASS	(AISC SECTIONS)		
		5.53 C	AISC- H1-3	0.018	1
			0.00	0.00	0.00
775	ST PIP E	PASS	(AISC SECTIONS)		
		8.65 C	AISC- H1-3	0.028	1
			0.00	0.00	0.00
776	ST PIP E	PASS	(AISC SECTIONS)		
		6.79 T	TENSION	0.005	1
			0.00	0.00	0.00
777	ST PIP E	PASS	(AISC SECTIONS)		
		0.83 T	TENSION	0.001	1
			0.00	0.00	0.00
778	ST PIP E	PASS	(AISC SECTIONS)		
		12.62 T	TENSION	0.009	1
			0.00	0.00	0.00
779	ST PIP E	PASS	(AISC SECTIONS)		
		1.04 T	TENSION	0.001	1
			0.00	0.00	0.00
780	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
781	ST PIP E	PASS	(AISC SECTIONS)		
		2.76 C	AISC- H1-3	0.009	1
			0.00	0.00	0.00
782	ST PIP E	PASS	(AISC SECTIONS)		
		0.88 T	TENSION	0.001	1
			0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
783	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.015	1
		4.58 C	0.00	0.00	0.00
784	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		14.43 T	0.00	0.00	0.00
785	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.05 T	0.00	0.00	0.00
786	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		5.34 T	0.00	0.00	0.00
787	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		3.08 T	0.00	0.00	0.00
788	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.016	1
		5.06 C	0.00	0.00	0.00
789	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.033	1
		10.36 C	0.00	0.00	0.00
790	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.005	1
		6.41 T	0.00	0.00	0.00
791	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.11 T	0.00	0.00	0.00
792	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		11.50 T	0.00	0.00	0.00
793	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.007	1
		9.07 T	0.00	0.00	0.00
794	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.036	1
		11.20 C	0.00	0.00	0.00
795	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.19 T	0.00	0.00	0.00
796	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.044	1
		13.64 C	0.00	0.00	0.00
797	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		15.32 T	0.00	0.00	0.00
798	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		11.30 T	0.00	0.00	0.00
799	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.048	1
		14.94 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
800	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.094	1
		28.98 C	0.00	0.00	0.00
801	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.080	1
		35.94 C	0.00	0.00	0.00
802	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		2.04 T	0.00	0.00	0.00
803	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.005	1
		1.56 C	0.00	0.00	0.00
804	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.005	1
		1.69 C	0.00	0.00	0.00
805	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.080	1
		24.67 C	0.00	0.00	0.00
806	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.009	1
		2.69 C	0.00	0.00	0.00
807	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.023	1
		31.19 T	0.00	0.00	0.00
808	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.007	1
		9.23 T	0.00	0.00	0.00
809	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		3.24 T	0.00	0.00	0.00
810	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.25 T	0.00	0.00	0.00
811	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.011	1
		3.35 C	0.00	0.00	0.00
812	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.019	1
		5.96 C	0.00	0.00	0.00
813	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.019	1
		26.37 T	0.00	0.00	0.00
814	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.22 T	0.00	0.00	0.00
815	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.005	1
		6.50 T	0.00	0.00	0.00
816	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		5.79 T	0.00	0.00	0.00

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

IBI, INC.

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SMALL BUILDING TWO STY; 22 X 40

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
817	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.023	1
		7.19 C	0.00	0.00	0.00
818	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.76 T	0.00	0.00	0.00
819	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.026	1
		11.89 C	0.00	0.00	0.00
820	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.03 T	0.00	0.00	0.00
821	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		0.58 C	0.00	0.00	0.00
822	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
823	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		0.64 C	0.00	0.00	0.00
824	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.039	1
		12.11 C	0.00	0.00	0.00
825	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		15.08 T	0.00	0.00	0.00
826	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		12.45 T	0.00	0.00	0.00
827	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		12.62 T	0.00	0.00	0.00
828	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.043	1
		13.42 C	0.00	0.00	0.00
829	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.50 T	0.00	0.00	0.00
830	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.050	1
		15.47 C	0.00	0.00	0.00
831	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.016	1
		6.98 C	0.00	0.00	0.00
832	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		14.32 T	0.00	0.00	0.00
833	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		14.75 T	0.00	0.00	0.00

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

IBI, INC.

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SMALL BUILDING TWO STY; 22 X 40

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
834	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.051	1
		15.71 C	0.00	0.00	0.00
835	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.27 T	0.00	0.00	0.00
836	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.031	1
		10.78 C	0.00	0.00	0.00
837	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.028	1
		33.23 C	0.00	0.00	0.00
838	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.022	1
		7.75 C	0.00	0.00	0.00
839	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.11 T	0.00	0.00	0.00
840	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.75 T	0.00	0.00	0.00
841	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.061	1
		18.96 C	0.00	0.00	0.00
842	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.016	1
		5.05 C	0.00	0.00	0.00
843	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.004	1
		1.15 C	0.00	0.00	0.00
844	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.023	1
		7.23 C	0.00	0.00	0.00
845	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.027	1
		37.61 T	0.00	0.00	0.00
846	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		4.40 T	0.00	0.00	0.00
847	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.273	1
		90.69 C	0.00	0.00	0.00
848	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.067	1
		22.38 C	0.00	0.00	0.00
849	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.017	1
		23.20 T	0.00	0.00	0.00
850	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.046	1
		63.10 T	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
851	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.007	1
		5.35 C	0.00	0.00	0.00
852	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
853	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.070	1
		21.76 C	0.00	0.00	0.00
854	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.037	1
		11.56 C	0.00	0.00	0.00
855	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.038	1
		52.24 T	0.00	0.00	0.00
856	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.013	1
		17.46 T	0.00	0.00	0.00
857	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.121	1
		54.42 C	0.00	0.00	0.00
858	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		4.49 T	0.00	0.00	0.00
859	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.128	1
		39.45 C	0.00	0.00	0.00
860	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.047	1
		14.56 C	0.00	0.00	0.00
861	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		14.54 T	0.00	0.00	0.00
862	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.016	1
		22.16 T	0.00	0.00	0.00
863	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.195	1
		87.10 C	0.00	0.00	0.00
864	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.21 C	0.00	0.00	0.00
865	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.068	1
		20.94 C	0.00	0.00	0.00
866	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.065	1
		20.24 C	0.00	0.00	0.00
867	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.015	1
		20.23 T	0.00	0.00	0.00

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IBI, INC.

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SMALL BUILDING TWO STY; 22 X 40

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
868	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.012	1
		16.83 T	0.00	0.00	0.00
869	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.110	1
		49.61 C	0.00	0.00	0.00
870	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
871	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.050	1
		15.44 C	0.00	0.00	0.00
872	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.066	1
		20.33 C	0.00	0.00	0.00
873	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.015	1
		20.37 T	0.00	0.00	0.00
874	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		11.38 T	0.00	0.00	0.00
875	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.044	1
		19.75 C	0.00	0.00	0.00
876	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
877	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.031	1
		9.64 C	0.00	0.00	0.00
878	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.051	1
		15.86 C	0.00	0.00	0.00
879	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.012	1
		15.85 T	0.00	0.00	0.00
880	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.005	1
		6.32 T	0.00	0.00	0.00
881	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.36 T	0.00	0.00	0.00
882	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
883	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.014	1
		4.47 C	0.00	0.00	0.00
884	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.031	1
		9.50 C	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
885	ST PIP E	PASS	(AISC SECTIONS)		
		9.51 T	TENSION	0.007	1
			0.00	0.00	0.00
886	ST PIP E	PASS	(AISC SECTIONS)		
		1.52 T	TENSION	0.001	1
			0.00	0.00	0.00
887	ST PIP E	PASS	(AISC SECTIONS)		
		11.25 T	TENSION	0.008	1
			0.00	0.00	0.00
888	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
889	ST PIP E	PASS	(AISC SECTIONS)		
		0.38 T	TENSION	0.000	1
			0.00	0.00	0.00
890	ST PIP E	PASS	(AISC SECTIONS)		
		2.44 C	AISC- H1-3	0.008	1
			0.00	0.00	0.00
891	ST PIP E	PASS	(AISC SECTIONS)		
		2.44 T	TENSION	0.002	1
			0.00	0.00	0.00
892	ST PIP E	PASS	(AISC SECTIONS)		
		3.37 C	AISC- H1-3	0.011	1
			0.00	0.00	0.00
893	ST PIP E	PASS	(AISC SECTIONS)		
		13.23 T	TENSION	0.010	1
			0.00	0.00	0.00
894	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
895	ST PIP E	PASS	(AISC SECTIONS)		
		5.34 T	TENSION	0.004	1
			0.00	0.00	0.00
896	ST PIP E	PASS	(AISC SECTIONS)		
		4.70 T	TENSION	0.003	1
			0.00	0.00	0.00
897	ST PIP E	PASS	(AISC SECTIONS)		
		4.70 C	AISC- H1-3	0.015	1
			0.00	0.00	0.00
898	ST PIP E	PASS	(AISC SECTIONS)		
		8.61 C	AISC- H1-3	0.028	1
			0.00	0.00	0.00
899	ST PIP E	PASS	(AISC SECTIONS)		
		6.24 T	TENSION	0.005	1
			0.00	0.00	0.00
900	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
901	ST PIP E	PASS	(AISC SECTIONS)		
		10.73 T	TENSION	0.008	1
			0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
902	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		11.16 T	0.00	0.00	0.00
903	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.036	1
		11.16 C	0.00	0.00	0.00
904	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
905	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.041	1
		12.71 C	0.00	0.00	0.00
906	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.012	1
		16.36 T	0.00	0.00	0.00
907	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		14.72 T	0.00	0.00	0.00
908	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.048	1
		14.71 C	0.00	0.00	0.00
909	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.080	1
		24.82 C	0.00	0.00	0.00
910	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.074	1
		33.15 C	0.00	0.00	0.00
911	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
912	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.005	1
		1.62 C	0.00	0.00	0.00
913	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.021	1
		6.49 C	0.00	0.00	0.00
914	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.065	1
		20.05 C	0.00	0.00	0.00
915	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		0.59 C	0.00	0.00	0.00
916	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.019	1
		26.83 T	0.00	0.00	0.00
917	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		11.52 T	0.00	0.00	0.00
918	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.67 T	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
919	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.61 T	0.00	0.00	0.00
920	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		0.63 C	0.00	0.00	0.00
921	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.015	1
		4.65 C	0.00	0.00	0.00
922	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.017	1
		23.57 T	0.00	0.00	0.00
923	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
924	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		6.12 T	0.00	0.00	0.00
925	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.005	1
		7.26 T	0.00	0.00	0.00
926	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.023	1
		7.22 C	0.00	0.00	0.00
927	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
928	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.023	1
		10.19 C	0.00	0.00	0.00
929	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
930	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
931	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
932	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		1.03 C	0.00	0.00	0.00
933	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.032	1
		9.96 C	0.00	0.00	0.00
934	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		13.72 T	0.00	0.00	0.00
935	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		10.87 T	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
936	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		13.89 T	0.00	0.00	0.00
937	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.045	1
		13.83 C	0.00	0.00	0.00
938	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
939	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.044	1
		13.67 C	0.00	0.00	0.00
940	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.013	1
		5.75 C	0.00	0.00	0.00
941	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		12.49 T	0.00	0.00	0.00
942	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		14.77 T	0.00	0.00	0.00
943	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.051	1
		15.87 C	0.00	0.00	0.00
944	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.33 T	0.00	0.00	0.00
945	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.032	1
		11.23 C	0.00	0.00	0.00
946	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.025	1
		29.31 C	0.00	0.00	0.00
947	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.025	1
		8.79 C	0.00	0.00	0.00
948	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		2.05 T	0.00	0.00	0.00
949	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
950	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.020	1
		9.52 C	0.00	0.00	0.00
951	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.054	1
		25.74 C	0.00	0.00	0.00
952	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.031	1
		14.58 C	0.00	0.00	0.00

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IBI, INC.

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SMALL BUILDING TWO STY; 22 X 40

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
953	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.050	1
		23.77 C	0.00	0.00	0.00
954	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.035	1
		16.87 C	0.00	0.00	0.00
955	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.046	1
		21.98 C	0.00	0.00	0.00
956	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.039	1
		18.39 C	0.00	0.00	0.00
957	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.044	1
		21.01 C	0.00	0.00	0.00
958	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.042	1
		20.06 C	0.00	0.00	0.00
959	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.036	1
		17.31 C	0.00	0.00	0.00
960	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.016	1
		7.70 C	0.00	0.00	0.00
961	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.119	1
		73.39 C	0.00	0.00	0.00
962	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.192	1
		118.71 C	0.00	0.00	0.00
963	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.145	1
		89.76 C	0.00	0.00	0.00
964	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.178	1
		110.05 C	0.00	0.00	0.00
965	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.157	1
		96.98 C	0.00	0.00	0.00
966	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.173	1
		106.92 C	0.00	0.00	0.00
967	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.161	1
		99.37 C	0.00	0.00	0.00
968	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.173	1
		107.37 C	0.00	0.00	0.00
969	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.160	1
		98.75 C	0.00	0.00	0.00

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IBI, INC.

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SMALL BUILDING TWO STY; 22 X 40

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
970	ST PIP E	PASS	(AISC SECTIONS)		
		111.88 C	AISC- H1-1	0.181	1
			0.00	0.00	0.00
971	ST PIP E	PASS	(AISC SECTIONS)		
		97.30 C	AISC- H1-1	0.157	1
			0.00	0.00	0.00
972	ST PIP E	PASS	(AISC SECTIONS)		
		5.15 T	TENSION	0.004	1
			0.00	0.00	0.00
973	ST PIP E	PASS	(AISC SECTIONS)		
		25.85 C	AISC- H1-3	0.040	1
			0.00	0.00	0.00
974	ST PIP E	PASS	(AISC SECTIONS)		
		59.22 C	AISC- H1-3	0.095	1
			0.00	0.00	0.00
975	ST PIP E	PASS	(AISC SECTIONS)		
		47.23 T	TENSION	0.034	1
			0.00	0.00	0.00
976	ST PIP E	PASS	(AISC SECTIONS)		
		43.26 C	AISC- H1-3	0.070	1
			0.00	0.00	0.00
977	ST PIP E	PASS	(AISC SECTIONS)		
		70.46 T	TENSION	0.051	1
			0.00	0.00	0.00
978	ST PIP E	PASS	(AISC SECTIONS)		
		57.53 T	TENSION	0.042	1
			0.00	0.00	0.00
979	ST PIP E	PASS	(AISC SECTIONS)		
		49.02 C	AISC- H1-3	0.079	1
			0.00	0.00	0.00
980	ST PIP E	PASS	(AISC SECTIONS)		
		129.04 T	TENSION	0.094	1
			0.00	0.00	0.00
981	ST PIP E	PASS	(AISC SECTIONS)		
		127.12 C	AISC- H1-1	0.404	1
			0.00	0.00	0.00
982	ST PIP E	PASS	(AISC SECTIONS)		
		143.84 T	TENSION	0.104	1
			0.00	0.00	0.00
983	ST PIP E	PASS	(AISC SECTIONS)		
		141.81 C	AISC- H1-1	0.451	1
			0.00	0.00	0.00
984	ST PIP E	PASS	(AISC SECTIONS)		
		144.36 T	TENSION	0.105	1
			0.00	0.00	0.00
985	ST PIP E	PASS	(AISC SECTIONS)		
		145.31 C	AISC- H1-1	0.462	1
			0.00	0.00	0.00
986	ST PIP E	PASS	(AISC SECTIONS)		
		141.88 T	TENSION	0.103	1
			0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
987	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.451	1
		141.77 C	0.00	0.00	0.00
988	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.090	1
		123.43 T	0.00	0.00	0.00
989	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.292	1
		91.74 C	0.00	0.00	0.00
990	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.035	1
		48.80 T	0.00	0.00	0.00
991	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.018	1
		24.44 T	0.00	0.00	0.00
992	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.159	1
		98.70 C	0.00	0.00	0.00
993	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.091	1
		125.00 T	0.00	0.00	0.00
994	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.389	1
		242.32 C	0.00	0.00	0.00
995	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.158	1
		217.51 T	0.00	0.00	0.00
996	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.297	1
		184.88 C	0.00	0.00	0.00
997	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.163	1
		224.21 T	0.00	0.00	0.00
998	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.005	1
		6.43 T	0.00	0.00	0.00
999	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.025	1
		15.96 C	0.00	0.00	0.00
1000	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.077	1
		47.92 C	0.00	0.00	0.00
1001	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.028	1
		38.86 T	0.00	0.00	0.00
1002	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.081	1
		50.38 C	0.00	0.00	0.00
1003	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.018	1
		25.07 T	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1004	ST PIP E	PASS	(AISC SECTIONS)	0.008	1
		10.79 T	TENSION	0.00	0.00
1005	ST PIP E	PASS	(AISC SECTIONS)	0.077	1
		47.99 C	AISC- H1-3	0.00	0.00
1006	ST PIP E	PASS	(AISC SECTIONS)	0.286	1
		178.16 C	AISC- H1-1	0.00	0.00
1007	ST PIP E	PASS	(AISC SECTIONS)	0.103	1
		141.31 T	TENSION	0.00	0.00
1008	ST PIP E	PASS	(AISC SECTIONS)	0.344	1
		213.96 C	AISC- H1-1	0.00	0.00
1009	ST PIP E	PASS	(AISC SECTIONS)	0.163	1
		224.72 T	TENSION	0.00	0.00
1010	ST PIP E	PASS	(AISC SECTIONS)	0.278	1
		172.97 C	AISC- H1-1	0.00	0.00
1011	ST PIP E	PASS	(AISC SECTIONS)	0.111	1
		152.94 T	TENSION	0.00	0.00
1012	ST PIP E	PASS	(AISC SECTIONS)	0.001	1
		0.62 C	AISC- H1-3	0.00	0.00
1013	ST PIP E	PASS	(AISC SECTIONS)	0.040	1
		26.10 C	AISC- H1-3	0.00	0.00
1014	ST PIP E	PASS	(AISC SECTIONS)	0.090	1
		55.72 C	AISC- H1-3	0.00	0.00
1015	ST PIP E	PASS	(AISC SECTIONS)	0.022	1
		30.35 T	TENSION	0.00	0.00
1016	ST PIP E	PASS	(AISC SECTIONS)	0.073	1
		45.43 C	AISC- H1-3	0.00	0.00
1017	ST PIP E	PASS	(AISC SECTIONS)	0.024	1
		32.53 T	TENSION	0.00	0.00
1018	ST PIP E	PASS	(AISC SECTIONS)	0.030	1
		40.66 T	TENSION	0.00	0.00
1019	ST PIP E	PASS	(AISC SECTIONS)	0.048	1
		29.80 C	AISC- H1-3	0.00	0.00
1020	ST PIP E	PASS	(AISC SECTIONS)	0.282	1
		175.94 C	AISC- H1-1	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1021	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.100	1
		138.26 T	0.00	0.00	0.00
1022	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.365	1
		227.15 C	0.00	0.00	0.00
1023	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.160	1
		220.15 T	0.00	0.00	0.00
1024	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.269	1
		167.81 C	0.00	0.00	0.00
1025	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.119	1
		163.94 T	0.00	0.00	0.00
1026	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.139	1
		86.33 C	0.00	0.00	0.00
1027	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.068	1
		93.15 T	0.00	0.00	0.00
1028	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.425	1
		133.78 C	0.00	0.00	0.00
1029	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.101	1
		138.65 T	0.00	0.00	0.00
1030	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.459	1
		144.57 C	0.00	0.00	0.00
1031	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.106	1
		145.53 T	0.00	0.00	0.00
1032	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.459	1
		144.41 C	0.00	0.00	0.00
1033	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.106	1
		145.69 T	0.00	0.00	0.00
1034	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.435	1
		136.98 C	0.00	0.00	0.00
1035	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.092	1
		126.88 T	0.00	0.00	0.00
1036	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.299	1
		94.17 C	0.00	0.00	0.00
1037	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.028	1
		38.22 T	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1038	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.51 T	0.00	0.00	0.00
1039	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.034	1
		22.15 C	0.00	0.00	0.00
1040	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.083	1
		51.30 C	0.00	0.00	0.00
1041	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.019	1
		26.64 T	0.00	0.00	0.00
1042	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.084	1
		52.49 C	0.00	0.00	0.00
1043	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.071	1
		97.63 T	0.00	0.00	0.00
1044	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.066	1
		91.40 T	0.00	0.00	0.00
1045	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.139	1
		86.23 C	0.00	0.00	0.00
1046	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.291	1
		180.96 C	0.00	0.00	0.00
1047	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.103	1
		142.42 T	0.00	0.00	0.00
1048	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.356	1
		221.62 C	0.00	0.00	0.00
1049	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.157	1
		216.06 T	0.00	0.00	0.00
1050	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.277	1
		172.29 C	0.00	0.00	0.00
1051	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.180	1
		247.38 T	0.00	0.00	0.00
1052	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.85 T	0.00	0.00	0.00
1053	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.041	1
		26.28 C	0.00	0.00	0.00
1054	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.086	1
		53.24 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1055	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.019	1
		25.87 T	0.00	0.00	0.00
1056	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.078	1
		48.59 C	0.00	0.00	0.00
1057	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.074	1
		101.85 T	0.00	0.00	0.00
1058	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.073	1
		101.24 T	0.00	0.00	0.00
1059	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.121	1
		75.21 C	0.00	0.00	0.00
1060	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.073	1
		100.51 T	0.00	0.00	0.00
1061	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.400	1
		126.08 C	0.00	0.00	0.00
1062	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.106	1
		145.37 T	0.00	0.00	0.00
1063	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.463	1
		145.88 C	0.00	0.00	0.00
1064	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.108	1
		148.59 T	0.00	0.00	0.00
1065	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.478	1
		150.55 C	0.00	0.00	0.00
1066	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.105	1
		144.36 T	0.00	0.00	0.00
1067	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.460	1
		144.97 C	0.00	0.00	0.00
1068	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.089	1
		122.64 T	0.00	0.00	0.00
1069	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.295	1
		93.00 C	0.00	0.00	0.00
1070	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.024	1
		33.07 T	0.00	0.00	0.00
1071	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.139	1
		86.26 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1072	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.292	1
		182.15 C	0.00	0.00	0.00
1073	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.105	1
		144.27 T	0.00	0.00	0.00
1074	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.363	1
		226.36 C	0.00	0.00	0.00
1075	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.154	1
		212.77 T	0.00	0.00	0.00
1076	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.282	1
		175.73 C	0.00	0.00	0.00
1077	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.180	1
		248.38 T	0.00	0.00	0.00
1078	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.10 T	0.00	0.00	0.00
1079	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.036	1
		23.23 C	0.00	0.00	0.00
1080	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.082	1
		50.68 C	0.00	0.00	0.00
1081	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.020	1
		27.86 T	0.00	0.00	0.00
1082	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.076	1
		47.28 C	0.00	0.00	0.00
1083	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		10.48 T	0.00	0.00	0.00
1084	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.016	1
		21.84 T	0.00	0.00	0.00
1085	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.017	1
		10.67 C	0.00	0.00	0.00
1086	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.278	1
		172.76 C	0.00	0.00	0.00
1087	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.114	1
		156.47 T	0.00	0.00	0.00
1088	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.347	1
		215.87 C	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1089	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.164	1
		225.47 T	0.00	0.00	0.00
1090	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.267	1
		166.12 C	0.00	0.00	0.00
1091	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.115	1
		158.01 T	0.00	0.00	0.00
1092	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.08 T	0.00	0.00	0.00
1093	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.039	1
		25.29 C	0.00	0.00	0.00
1094	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.082	1
		51.26 C	0.00	0.00	0.00
1095	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.020	1
		26.88 T	0.00	0.00	0.00
1096	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.076	1
		47.47 C	0.00	0.00	0.00
1097	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		10.83 T	0.00	0.00	0.00
1098	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.017	1
		23.53 T	0.00	0.00	0.00
1099	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.040	1
		25.02 C	0.00	0.00	0.00
1100	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.299	1
		186.65 C	0.00	0.00	0.00
1101	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.107	1
		147.54 T	0.00	0.00	0.00
1102	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.357	1
		222.75 C	0.00	0.00	0.00
1103	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.162	1
		223.65 T	0.00	0.00	0.00
1104	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.265	1
		165.05 C	0.00	0.00	0.00
1105	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.118	1
		163.02 T	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1106	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.132	1
		82.22 C	0.00	0.00	0.00
1107	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.070	1
		95.82 T	0.00	0.00	0.00
1108	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.425	1
		133.74 C	0.00	0.00	0.00
1109	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.104	1
		143.34 T	0.00	0.00	0.00
1110	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.480	1
		150.83 C	0.00	0.00	0.00
1111	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.111	1
		153.02 T	0.00	0.00	0.00
1112	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.476	1
		149.80 C	0.00	0.00	0.00
1113	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.112	1
		153.64 T	0.00	0.00	0.00
1114	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.430	1
		135.13 C	0.00	0.00	0.00
1115	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.098	1
		134.72 T	0.00	0.00	0.00
1116	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.233	1
		73.28 C	0.00	0.00	0.00
1117	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.032	1
		44.08 T	0.00	0.00	0.00
1118	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.73 T	0.00	0.00	0.00
1119	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.040	1
		25.88 C	0.00	0.00	0.00
1120	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.084	1
		52.37 C	0.00	0.00	0.00
1121	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.020	1
		27.21 T	0.00	0.00	0.00
1122	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.078	1
		48.18 C	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1123	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.073	1
		100.22 T	0.00	0.00	0.00
1124	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.073	1
		100.19 T	0.00	0.00	0.00
1125	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.099	1
		61.44 C	0.00	0.00	0.00
1126	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.267	1
		165.88 C	0.00	0.00	0.00
1127	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.114	1
		157.31 T	0.00	0.00	0.00
1128	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.356	1
		221.67 C	0.00	0.00	0.00
1129	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.156	1
		215.00 T	0.00	0.00	0.00
1130	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.289	1
		179.60 C	0.00	0.00	0.00
1131	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.176	1
		242.32 T	0.00	0.00	0.00
1132	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		3.03 T	0.00	0.00	0.00
1133	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.045	1
		29.09 C	0.00	0.00	0.00
1134	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.088	1
		54.56 C	0.00	0.00	0.00
1135	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.019	1
		25.79 T	0.00	0.00	0.00
1136	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.083	1
		51.63 C	0.00	0.00	0.00
1137	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.070	1
		97.09 T	0.00	0.00	0.00
1138	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.071	1
		97.82 T	0.00	0.00	0.00
1139	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.135	1
		83.90 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1140	ST PIP E	PASS	(AISC SECTIONS)		
		99.35 T	TENSION	0.072	1
			0.00	0.00	0.00
1141	ST PIP E	PASS	(AISC SECTIONS)		
		134.24 C	AISC- H1-1	0.426	1
			0.00	0.00	0.00
1142	ST PIP E	PASS	(AISC SECTIONS)		
		147.56 T	TENSION	0.107	1
			0.00	0.00	0.00
1143	ST PIP E	PASS	(AISC SECTIONS)		
		154.29 C	AISC- H1-1	0.489	1
			0.00	0.00	0.00
1144	ST PIP E	PASS	(AISC SECTIONS)		
		154.26 T	TENSION	0.112	1
			0.00	0.00	0.00
1145	ST PIP E	PASS	(AISC SECTIONS)		
		157.15 C	AISC- H1-1	0.499	1
			0.00	0.00	0.00
1146	ST PIP E	PASS	(AISC SECTIONS)		
		147.43 T	TENSION	0.107	1
			0.00	0.00	0.00
1147	ST PIP E	PASS	(AISC SECTIONS)		
		146.81 C	AISC- H1-1	0.466	1
			0.00	0.00	0.00
1148	ST PIP E	PASS	(AISC SECTIONS)		
		115.27 T	TENSION	0.084	1
			0.00	0.00	0.00
1149	ST PIP E	PASS	(AISC SECTIONS)		
		93.19 C	AISC- H1-1	0.296	1
			0.00	0.00	0.00
1150	ST PIP E	PASS	(AISC SECTIONS)		
		19.66 T	TENSION	0.014	1
			0.00	0.00	0.00
1151	ST PIP E	PASS	(AISC SECTIONS)		
		82.68 C	AISC- H1-3	0.133	1
			0.00	0.00	0.00
1152	ST PIP E	PASS	(AISC SECTIONS)		
		187.56 C	AISC- H1-1	0.301	1
			0.00	0.00	0.00
1153	ST PIP E	PASS	(AISC SECTIONS)		
		143.49 T	TENSION	0.104	1
			0.00	0.00	0.00
1154	ST PIP E	PASS	(AISC SECTIONS)		
		228.99 C	AISC- H1-1	0.367	1
			0.00	0.00	0.00
1155	ST PIP E	PASS	(AISC SECTIONS)		
		217.50 T	TENSION	0.158	1
			0.00	0.00	0.00
1156	ST PIP E	PASS	(AISC SECTIONS)		
		173.12 C	AISC- H1-1	0.278	1
			0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1157	ST PIP E	PASS	(AISC SECTIONS)	0.184	1
		254.21 T	TENSION	0.00	0.00
1158	ST PIP E	PASS	(AISC SECTIONS)	0.002	1
		2.27 T	TENSION	0.00	0.00
1159	ST PIP E	PASS	(AISC SECTIONS)	0.041	1
		26.64 C	AISC- H1-3	0.00	0.00
1160	ST PIP E	PASS	(AISC SECTIONS)	0.086	1
		53.67 C	AISC- H1-3	0.00	0.00
1161	ST PIP E	PASS	(AISC SECTIONS)	0.024	1
		33.56 T	TENSION	0.00	0.00
1162	ST PIP E	PASS	(AISC SECTIONS)	0.070	1
		43.36 C	AISC- H1-3	0.00	0.00
1163	ST PIP E	PASS	(AISC SECTIONS)	0.020	1
		27.68 T	TENSION	0.00	0.00
1164	ST PIP E	PASS	(AISC SECTIONS)	0.027	1
		37.85 T	TENSION	0.00	0.00
1165	ST PIP E	PASS	(AISC SECTIONS)	0.002	1
		3.04 T	TENSION	0.00	0.00
1166	ST PIP E	PASS	(AISC SECTIONS)	0.266	1
		165.40 C	AISC- H1-1	0.00	0.00
1167	ST PIP E	PASS	(AISC SECTIONS)	0.115	1
		158.67 T	TENSION	0.00	0.00
1168	ST PIP E	PASS	(AISC SECTIONS)	0.362	1
		224.93 C	AISC- H1-1	0.00	0.00
1169	ST PIP E	PASS	(AISC SECTIONS)	0.164	1
		226.66 T	TENSION	0.00	0.00
1170	ST PIP E	PASS	(AISC SECTIONS)	0.280	1
		174.21 C	AISC- H1-1	0.00	0.00
1171	ST PIP E	PASS	(AISC SECTIONS)	0.114	1
		157.34 T	TENSION	0.00	0.00
1172	ST PIP E	PASS	(AISC SECTIONS)	0.002	1
		2.92 T	TENSION	0.00	0.00
1173	ST PIP E	PASS	(AISC SECTIONS)	0.045	1
		29.54 C	AISC- H1-3	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1174	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.093	1
		58.23 C	0.00	0.00	0.00
1175	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.022	1
		30.38 T	0.00	0.00	0.00
1176	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.073	1
		45.76 C	0.00	0.00	0.00
1177	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.020	1
		27.81 T	0.00	0.00	0.00
1178	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.026	1
		35.80 T	0.00	0.00	0.00
1179	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.056	1
		34.72 C	0.00	0.00	0.00
1180	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.321	1
		200.34 C	0.00	0.00	0.00
1181	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.107	1
		148.03 T	0.00	0.00	0.00
1182	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.373	1
		232.70 C	0.00	0.00	0.00
1183	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.170	1
		233.77 T	0.00	0.00	0.00
1184	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.262	1
		163.28 C	0.00	0.00	0.00
1185	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.130	1
		178.87 T	0.00	0.00	0.00
1186	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.065	1
		40.22 C	0.00	0.00	0.00
1187	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.089	1
		122.93 T	0.00	0.00	0.00
1188	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.441	1
		138.61 C	0.00	0.00	0.00
1189	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.110	1
		151.23 T	0.00	0.00	0.00
1190	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.507	1
		159.19 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1191	ST PIP E	PASS	(AISC SECTIONS)		
		160.87 T	TENSION	0.117	1
			0.00	0.00	0.00
1192	ST PIP E	PASS	(AISC SECTIONS)		
		157.70 C	AISC- H1-1	0.502	1
			0.00	0.00	0.00
1193	ST PIP E	PASS	(AISC SECTIONS)		
		157.38 T	TENSION	0.114	1
			0.00	0.00	0.00
1194	ST PIP E	PASS	(AISC SECTIONS)		
		139.00 C	AISC- H1-1	0.442	1
			0.00	0.00	0.00
1195	ST PIP E	PASS	(AISC SECTIONS)		
		127.85 T	TENSION	0.093	1
			0.00	0.00	0.00
1196	ST PIP E	PASS	(AISC SECTIONS)		
		77.93 C	AISC- H1-1	0.248	1
			0.00	0.00	0.00
1197	ST PIP E	PASS	(AISC SECTIONS)		
		14.75 T	TENSION	0.011	1
			0.00	0.00	0.00
1198	ST PIP E	PASS	(AISC SECTIONS)		
		2.14 T	TENSION	0.002	1
			0.00	0.00	0.00
1199	ST PIP E	PASS	(AISC SECTIONS)		
		55.12 C	AISC- H1-3	0.085	1
			0.00	0.00	0.00
1200	ST PIP E	PASS	(AISC SECTIONS)		
		83.31 C	AISC- H1-3	0.134	1
			0.00	0.00	0.00
1201	ST PIP E	PASS	(AISC SECTIONS)		
		39.17 T	TENSION	0.028	1
			0.00	0.00	0.00
1202	ST PIP E	PASS	(AISC SECTIONS)		
		39.67 C	AISC- H1-3	0.064	1
			0.00	0.00	0.00
1203	ST PIP E	PASS	(AISC SECTIONS)		
		73.32 T	TENSION	0.053	1
			0.00	0.00	0.00
1204	ST PIP E	PASS	(AISC SECTIONS)		
		78.28 T	TENSION	0.057	1
			0.00	0.00	0.00
1205	ST PIP E	PASS	(AISC SECTIONS)		
		21.58 C	AISC- H1-3	0.035	1
			0.00	0.00	0.00
1206	ST PIP E	PASS	(AISC SECTIONS)		
		184.04 C	AISC- H1-1	0.296	1
			0.00	0.00	0.00
1207	ST PIP E	PASS	(AISC SECTIONS)		
		166.66 T	TENSION	0.121	1
			0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1208	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.385	1
		239.30 C	0.00	0.00	0.00
1209	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.166	1
		228.57 T	0.00	0.00	0.00
1210	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.293	1
		182.10 C	0.00	0.00	0.00
1211	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.175	1
		241.57 T	0.00	0.00	0.00
1212	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.042	1
		57.41 T	0.00	0.00	0.00
1213	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.031	1
		19.55 C	0.00	0.00	0.00
1214	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.073	1
		100.39 T	0.00	0.00	0.00
1215	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.220	1
		137.05 C	0.00	0.00	0.00
1216	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.086	1
		117.97 T	0.00	0.00	0.00
1217	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.206	1
		127.94 C	0.00	0.00	0.00
1218	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.021	1
		13.00 C	0.00	0.00	0.00
1219	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.022	1
		13.66 C	0.00	0.00	0.00
1220	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.076	1
		105.07 T	0.00	0.00	0.00
1221	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.233	1
		144.95 C	0.00	0.00	0.00
1222	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.088	1
		121.80 T	0.00	0.00	0.00
1223	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.207	1
		128.64 C	0.00	0.00	0.00
1224	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		1.17 C	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1225	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		1.47 C	0.00	0.00	0.00
1226	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.079	1
		109.15 T	0.00	0.00	0.00
1227	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.234	1
		145.94 C	0.00	0.00	0.00
1228	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.091	1
		125.20 T	0.00	0.00	0.00
1229	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.232	1
		144.70 C	0.00	0.00	0.00
1230	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.061	1
		84.04 T	0.00	0.00	0.00
1231	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.041	1
		25.34 C	0.00	0.00	0.00
1232	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.064	1
		87.81 T	0.00	0.00	0.00
1233	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.245	1
		152.27 C	0.00	0.00	0.00
1234	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.090	1
		124.38 T	0.00	0.00	0.00
1235	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.234	1
		145.76 C	0.00	0.00	0.00
1236	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.063	1
		86.25 T	0.00	0.00	0.00
1237	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.036	1
		22.31 C	0.00	0.00	0.00
1238	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.066	1
		91.52 T	0.00	0.00	0.00
1239	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.241	1
		149.86 C	0.00	0.00	0.00
1240	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.093	1
		128.50 T	0.00	0.00	0.00
1241	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.233	1
		144.76 C	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1242	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.011	1
		7.05 C	0.00	0.00	0.00
1243	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.017	1
		10.33 C	0.00	0.00	0.00
1244	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.076	1
		104.70 T	0.00	0.00	0.00
1245	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.253	1
		157.13 C	0.00	0.00	0.00
1246	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.090	1
		123.59 T	0.00	0.00	0.00
1247	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.241	1
		149.91 C	0.00	0.00	0.00
1248	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		1.18 C	0.00	0.00	0.00
1249	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.004	1
		2.62 C	0.00	0.00	0.00
1250	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.080	1
		109.61 T	0.00	0.00	0.00
1251	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.244	1
		151.87 C	0.00	0.00	0.00
1252	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.092	1
		127.09 T	0.00	0.00	0.00
1253	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.236	1
		147.09 C	0.00	0.00	0.00
1254	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.055	1
		75.71 T	0.00	0.00	0.00
1255	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.047	1
		29.49 C	0.00	0.00	0.00
1256	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.060	1
		82.34 T	0.00	0.00	0.00
1257	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.249	1
		154.79 C	0.00	0.00	0.00
1258	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.090	1
		124.01 T	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1259	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.239	1
		148.72 C	0.00	0.00	0.00
1260	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.063	1
		87.19 T	0.00	0.00	0.00
1261	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.027	1
		16.54 C	0.00	0.00	0.00
1262	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.063	1
		87.10 T	0.00	0.00	0.00
1263	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.241	1
		149.90 C	0.00	0.00	0.00
1264	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.086	1
		118.95 T	0.00	0.00	0.00
1265	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.248	1
		154.38 C	0.00	0.00	0.00
1266	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.027	1
		16.66 C	0.00	0.00	0.00
1267	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.009	1
		5.86 C	0.00	0.00	0.00
1268	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.069	1
		95.40 T	0.00	0.00	0.00
1269	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.231	1
		143.25 C	0.00	0.00	0.00
1270	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.091	1
		125.48 T	0.00	0.00	0.00
1271	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.225	1
		139.46 C	0.00	0.00	0.00
1272	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		0.63 C	0.00	0.00	0.00
1273	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		11.76 T	0.00	0.00	0.00
1274	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.074	1
		101.36 T	0.00	0.00	0.00
1275	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.227	1
		141.83 C	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1276	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.070	1
		97.09 T	0.00	0.00	0.00
1277	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.275	1
		171.81 C	0.00	0.00	0.00
1278	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.040	1
		55.50 T	0.00	0.00	0.00
1279	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.005	1
		3.11 C	0.00	0.00	0.00
1280	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.063	1
		87.33 T	0.00	0.00	0.00
1281	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.195	1
		120.75 C	0.00	0.00	0.00
1282	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.087	1
		120.11 T	0.00	0.00	0.00
1283	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.137	1
		85.11 C	0.00	0.00	0.00
1284	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.033	1
		10.13 C	0.00	0.00	0.00
1285	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		3.11 T	0.00	0.00	0.00
1286	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.132	1
		40.67 C	0.00	0.00	0.00
1287	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.26 T	0.00	0.00	0.00
1288	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1289	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1290	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		5.00 T	0.00	0.00	0.00
1291	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1292	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.083	1
		27.70 C	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1293	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.021	1
		29.04 T	0.00	0.00	0.00
1294	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.024	1
		33.18 T	0.00	0.00	0.00
1296	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.057	1
		17.64 C	0.00	0.00	0.00
1297	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.112	1
		34.68 C	0.00	0.00	0.00
1298	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		12.60 T	0.00	0.00	0.00
1299	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.013	1
		17.85 T	0.00	0.00	0.00
1300	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.203	1
		91.21 C	0.00	0.00	0.00
1301	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.102	1
		31.46 C	0.00	0.00	0.00
1302	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.100	1
		30.79 C	0.00	0.00	0.00
1303	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		14.65 T	0.00	0.00	0.00
1304	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.022	1
		30.20 T	0.00	0.00	0.00
1305	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.212	1
		94.90 C	0.00	0.00	0.00
1306	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		3.81 T	0.00	0.00	0.00
1307	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.098	1
		30.22 C	0.00	0.00	0.00
1308	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.065	1
		20.18 C	0.00	0.00	0.00
1309	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.017	1
		23.69 T	0.00	0.00	0.00
1310	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.020	1
		27.11 T	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1311	ST PIP E	PASS	(AISC SECTIONS)		
		69.84 C	AISC- H1-1	0.155	1
			0.00	0.00	0.00
1312	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
1313	ST PIP E	PASS	(AISC SECTIONS)		
		27.03 C	AISC- H1-3	0.088	1
			0.00	0.00	0.00
1314	ST PIP E	PASS	(AISC SECTIONS)		
		15.32 C	AISC- H1-3	0.050	1
			0.00	0.00	0.00
1315	ST PIP E	PASS	(AISC SECTIONS)		
		18.47 T	TENSION	0.013	1
			0.00	0.00	0.00
1316	ST PIP E	PASS	(AISC SECTIONS)		
		20.90 T	TENSION	0.015	1
			0.00	0.00	0.00
1317	ST PIP E	PASS	(AISC SECTIONS)		
		47.37 C	AISC- H1-3	0.106	1
			0.00	0.00	0.00
1318	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
1319	ST PIP E	PASS	(AISC SECTIONS)		
		20.97 C	AISC- H1-3	0.068	1
			0.00	0.00	0.00
1320	ST PIP E	PASS	(AISC SECTIONS)		
		10.21 C	AISC- H1-3	0.033	1
			0.00	0.00	0.00
1321	ST PIP E	PASS	(AISC SECTIONS)		
		13.12 T	TENSION	0.010	1
			0.00	0.00	0.00
1322	ST PIP E	PASS	(AISC SECTIONS)		
		13.67 T	TENSION	0.010	1
			0.00	0.00	0.00
1323	ST PIP E	PASS	(AISC SECTIONS)		
		29.98 C	AISC- H1-3	0.067	1
			0.00	0.00	0.00
1324	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
1325	ST PIP E	PASS	(AISC SECTIONS)		
		13.62 C	AISC- H1-3	0.044	1
			0.00	0.00	0.00
1326	ST PIP E	PASS	(AISC SECTIONS)		
		5.39 C	AISC- H1-3	0.017	1
			0.00	0.00	0.00
1327	ST PIP E	PASS	(AISC SECTIONS)		
		8.15 T	TENSION	0.006	1
			0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1328	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.004	1
		6.02 T	0.00	0.00	0.00
1329	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.042	1
		18.66 C	0.00	0.00	0.00
1330	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1331	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.020	1
		6.04 C	0.00	0.00	0.00
1332	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.003	1
		0.78 C	0.00	0.00	0.00
1333	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.002	1
		3.32 T	0.00	0.00	0.00
1334	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.005	1
		1.41 C	0.00	0.00	0.00
1335	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.030	1
		13.65 C	0.00	0.00	0.00
1336	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1337	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.001	1
		1.43 T	0.00	0.00	0.00
1338	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.003	1
		4.04 T	0.00	0.00	0.00
1339	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.005	1
		1.53 C	0.00	0.00	0.00
1340	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.026	1
		8.11 C	0.00	0.00	0.00
1341	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.033	1
		14.83 C	0.00	0.00	0.00
1342	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1343	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.006	1
		8.08 T	0.00	0.00	0.00
1344	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.007	1
		9.30 T	0.00	0.00	0.00

ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1345	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.022	1
		6.75 C	0.00	0.00	0.00
1346	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1347	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.038	1
		11.85 C	0.00	0.00	0.00
1348	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		11.87 T	0.00	0.00	0.00
1349	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		14.84 T	0.00	0.00	0.00
1350	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.035	1
		10.79 C	0.00	0.00	0.00
1351	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.057	1
		17.74 C	0.00	0.00	0.00
1352	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.070	1
		31.39 C	0.00	0.00	0.00
1353	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1354	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.030	1
		9.31 C	0.00	0.00	0.00
1355	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.010	1
		2.94 C	0.00	0.00	0.00
1356	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.073	1
		22.51 C	0.00	0.00	0.00
1357	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.98 T	0.00	0.00	0.00
1358	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		5.64 T	0.00	0.00	0.00
1359	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		11.80 T	0.00	0.00	0.00
1360	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.006	1
		1.98 C	0.00	0.00	0.00
1361	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.25 T	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1362	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.13 T	0.00	0.00	0.00
1363	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.015	1
		4.57 C	0.00	0.00	0.00
1364	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.005	1
		7.29 T	0.00	0.00	0.00
1365	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1366	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		4.60 T	0.00	0.00	0.00
1367	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		4.70 T	0.00	0.00	0.00
1368	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.010	1
		3.10 C	0.00	0.00	0.00
1369	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1370	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.048	1
		21.55 C	0.00	0.00	0.00
1371	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.32 T	0.00	0.00	0.00
1372	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1373	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1374	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1375	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.036	1
		11.12 C	0.00	0.00	0.00
1376	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		3.48 T	0.00	0.00	0.00
1377	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		11.18 T	0.00	0.00	0.00
1378	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.007	1
		9.48 T	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1379	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.027	1
		8.45 C	0.00	0.00	0.00
1380	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1381	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.042	1
		13.08 C	0.00	0.00	0.00
1382	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.013	1
		5.78 C	0.00	0.00	0.00
1383	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		11.89 T	0.00	0.00	0.00
1384	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		10.59 T	0.00	0.00	0.00
1385	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.040	1
		12.50 C	0.00	0.00	0.00
1386	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.51 T	0.00	0.00	0.00
1387	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.017	1
		5.87 C	0.00	0.00	0.00
1388	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.014	1
		16.17 C	0.00	0.00	0.00
1389	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.027	1
		9.59 C	0.00	0.00	0.00
1390	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		2.05 T	0.00	0.00	0.00
1391	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.015	1
		4.73 C	0.00	0.00	0.00
1392	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.109	1
		33.80 C	0.00	0.00	0.00
1393	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.119	1
		36.63 C	0.00	0.00	0.00
1394	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.014	1
		4.32 C	0.00	0.00	0.00
1395	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.017	1
		23.56 T	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1396	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.066	1
		90.73 T	0.00	0.00	0.00
1397	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		4.30 T	0.00	0.00	0.00
1398	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.069	1
		23.08 C	0.00	0.00	0.00
1399	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.073	1
		24.36 C	0.00	0.00	0.00
1400	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.019	1
		25.57 T	0.00	0.00	0.00
1401	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.027	1
		36.82 T	0.00	0.00	0.00
1402	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.094	1
		129.40 T	0.00	0.00	0.00
1403	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.090	1
		27.84 C	0.00	0.00	0.00
1404	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.130	1
		40.07 C	0.00	0.00	0.00
1405	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.019	1
		26.54 T	0.00	0.00	0.00
1406	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		15.53 T	0.00	0.00	0.00
1407	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.208	1
		93.80 C	0.00	0.00	0.00
1408	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.105	1
		32.54 C	0.00	0.00	0.00
1409	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.115	1
		35.60 C	0.00	0.00	0.00
1410	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		14.61 T	0.00	0.00	0.00
1411	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.016	1
		22.10 T	0.00	0.00	0.00
1412	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.254	1
		113.89 C	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1413	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		4.21 T	0.00	0.00	0.00
1414	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.083	1
		25.64 C	0.00	0.00	0.00
1415	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.073	1
		22.67 C	0.00	0.00	0.00
1416	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.017	1
		23.64 T	0.00	0.00	0.00
1417	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.014	1
		18.63 T	0.00	0.00	0.00
1418	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.169	1
		75.87 C	0.00	0.00	0.00
1419	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.98 T	0.00	0.00	0.00
1420	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.070	1
		21.70 C	0.00	0.00	0.00
1421	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.058	1
		17.90 C	0.00	0.00	0.00
1422	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.014	1
		19.01 T	0.00	0.00	0.00
1423	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		13.05 T	0.00	0.00	0.00
1424	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.101	1
		45.10 C	0.00	0.00	0.00
1425	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.71 T	0.00	0.00	0.00
1426	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.052	1
		16.02 C	0.00	0.00	0.00
1427	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.039	1
		12.15 C	0.00	0.00	0.00
1428	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		13.07 T	0.00	0.00	0.00
1429	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.005	1
		7.43 T	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1430	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.052	1
		23.34 C	0.00	0.00	0.00
1431	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.67 T	0.00	0.00	0.00
1432	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.033	1
		10.15 C	0.00	0.00	0.00
1433	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.022	1
		6.69 C	0.00	0.00	0.00
1434	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.006	1
		7.64 T	0.00	0.00	0.00
1435	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.76 T	0.00	0.00	0.00
1436	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.023	1
		10.43 C	0.00	0.00	0.00
1437	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.52 T	0.00	0.00	0.00
1438	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.014	1
		4.30 C	0.00	0.00	0.00
1439	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.005	1
		1.47 C	0.00	0.00	0.00
1440	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.35 T	0.00	0.00	0.00
1441	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.013	1
		4.01 C	0.00	0.00	0.00
1442	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.014	1
		6.21 C	0.00	0.00	0.00
1443	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.43 T	0.00	0.00	0.00
1444	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.51 T	0.00	0.00	0.00
1445	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		3.92 T	0.00	0.00	0.00
1446	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.010	1
		3.00 C	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1447	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.032	1
		10.01 C	0.00	0.00	0.00
1448	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.024	1
		10.81 C	0.00	0.00	0.00
1449	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.39 T	0.00	0.00	0.00
1450	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.005	1
		7.44 T	0.00	0.00	0.00
1451	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.007	1
		9.99 T	0.00	0.00	0.00
1452	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.028	1
		8.77 C	0.00	0.00	0.00
1453	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.44 T	0.00	0.00	0.00
1454	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.044	1
		13.58 C	0.00	0.00	0.00
1455	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.007	1
		9.57 T	0.00	0.00	0.00
1456	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		13.78 T	0.00	0.00	0.00
1457	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.039	1
		12.04 C	0.00	0.00	0.00
1458	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.074	1
		22.80 C	0.00	0.00	0.00
1459	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.100	1
		44.96 C	0.00	0.00	0.00
1460	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.24 T	0.00	0.00	0.00
1461	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.010	1
		3.21 C	0.00	0.00	0.00
1462	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.009	1
		2.92 C	0.00	0.00	0.00
1463	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.088	1
		27.32 C	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1464	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.007	1
		2.02 C	0.00	0.00	0.00
1465	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.012	1
		15.93 T	0.00	0.00	0.00
1466	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.007	1
		9.73 T	0.00	0.00	0.00
1467	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		0.38 C	0.00	0.00	0.00
1468	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.88 T	0.00	0.00	0.00
1469	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.004	1
		1.21 C	0.00	0.00	0.00
1470	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.019	1
		5.84 C	0.00	0.00	0.00
1471	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		15.19 T	0.00	0.00	0.00
1472	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.34 T	0.00	0.00	0.00
1473	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		4.30 T	0.00	0.00	0.00
1474	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		5.08 T	0.00	0.00	0.00
1475	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.015	1
		4.51 C	0.00	0.00	0.00
1476	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.87 T	0.00	0.00	0.00
1477	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.055	1
		24.71 C	0.00	0.00	0.00
1478	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		0.59 C	0.00	0.00	0.00
1479	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1480	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1481	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		0.32 C	0.00	0.00	0.00
1482	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.039	1
		12.08 C	0.00	0.00	0.00
1483	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.006	1
		7.75 T	0.00	0.00	0.00
1484	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		11.15 T	0.00	0.00	0.00
1485	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		10.99 T	0.00	0.00	0.00
1486	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.034	1
		10.64 C	0.00	0.00	0.00
1487	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.55 T	0.00	0.00	0.00
1488	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.045	1
		14.05 C	0.00	0.00	0.00
1489	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.021	1
		9.35 C	0.00	0.00	0.00
1490	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		13.71 T	0.00	0.00	0.00
1491	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		12.46 T	0.00	0.00	0.00
1492	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.046	1
		14.40 C	0.00	0.00	0.00
1493	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.38 T	0.00	0.00	0.00
1494	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.018	1
		6.31 C	0.00	0.00	0.00
1495	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.026	1
		30.51 C	0.00	0.00	0.00
1496	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.026	1
		9.22 C	0.00	0.00	0.00
1497	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.11 T	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1498	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.026	1
		7.94 C	0.00	0.00	0.00
1499	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.116	1
		35.81 C	0.00	0.00	0.00
1500	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.109	1
		33.72 C	0.00	0.00	0.00
1501	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.012	1
		3.80 C	0.00	0.00	0.00
1502	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.018	1
		24.14 T	0.00	0.00	0.00
1503	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.066	1
		91.15 T	0.00	0.00	0.00
1504	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		3.12 T	0.00	0.00	0.00
1505	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.071	1
		23.64 C	0.00	0.00	0.00
1506	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.073	1
		24.38 C	0.00	0.00	0.00
1507	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.019	1
		25.94 T	0.00	0.00	0.00
1508	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.027	1
		37.39 T	0.00	0.00	0.00
1509	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.093	1
		127.68 T	0.00	0.00	0.00
1510	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.096	1
		29.63 C	0.00	0.00	0.00
1511	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.131	1
		40.63 C	0.00	0.00	0.00
1512	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.021	1
		29.22 T	0.00	0.00	0.00
1513	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.013	1
		18.16 T	0.00	0.00	0.00
1514	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.213	1
		95.93 C	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1515	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.112	1
		34.63 C	0.00	0.00	0.00
1516	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.125	1
		38.69 C	0.00	0.00	0.00
1517	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.012	1
		16.57 T	0.00	0.00	0.00
1518	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.018	1
		25.11 T	0.00	0.00	0.00
1519	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.267	1
		119.70 C	0.00	0.00	0.00
1520	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		3.09 T	0.00	0.00	0.00
1521	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.084	1
		26.10 C	0.00	0.00	0.00
1522	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.081	1
		25.22 C	0.00	0.00	0.00
1523	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.018	1
		24.71 T	0.00	0.00	0.00
1524	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.015	1
		21.00 T	0.00	0.00	0.00
1525	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.176	1
		79.23 C	0.00	0.00	0.00
1526	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.53 T	0.00	0.00	0.00
1527	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.071	1
		22.03 C	0.00	0.00	0.00
1528	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.065	1
		20.15 C	0.00	0.00	0.00
1529	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.014	1
		19.61 T	0.00	0.00	0.00
1530	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		15.01 T	0.00	0.00	0.00
1531	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.103	1
		46.07 C	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1532	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.31 T	0.00	0.00	0.00
1533	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.052	1
		15.99 C	0.00	0.00	0.00
1534	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.045	1
		13.98 C	0.00	0.00	0.00
1535	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		13.27 T	0.00	0.00	0.00
1536	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.006	1
		8.76 T	0.00	0.00	0.00
1537	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.051	1
		22.72 C	0.00	0.00	0.00
1538	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.20 T	0.00	0.00	0.00
1539	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.031	1
		9.68 C	0.00	0.00	0.00
1540	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.026	1
		7.96 C	0.00	0.00	0.00
1541	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.005	1
		7.30 T	0.00	0.00	0.00
1542	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.47 T	0.00	0.00	0.00
1543	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.020	1
		9.12 C	0.00	0.00	0.00
1544	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		2.04 T	0.00	0.00	0.00
1545	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.011	1
		3.36 C	0.00	0.00	0.00
1546	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.007	1
		2.19 C	0.00	0.00	0.00
1547	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.51 T	0.00	0.00	0.00
1548	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.013	1
		3.88 C	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1549	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.011	1
		5.12 C	0.00	0.00	0.00
1550	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.92 T	0.00	0.00	0.00
1551	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.97 T	0.00	0.00	0.00
1552	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		3.71 T	0.00	0.00	0.00
1553	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.014	1
		4.32 C	0.00	0.00	0.00
1554	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.034	1
		10.42 C	0.00	0.00	0.00
1555	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.024	1
		10.82 C	0.00	0.00	0.00
1556	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.90 T	0.00	0.00	0.00
1557	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.007	1
		9.17 T	0.00	0.00	0.00
1558	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.007	1
		9.99 T	0.00	0.00	0.00
1559	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.034	1
		10.48 C	0.00	0.00	0.00
1560	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.13 T	0.00	0.00	0.00
1561	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.045	1
		13.98 C	0.00	0.00	0.00
1562	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		12.28 T	0.00	0.00	0.00
1563	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		13.91 T	0.00	0.00	0.00
1564	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.045	1
		14.00 C	0.00	0.00	0.00
1565	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.084	1
		25.94 C	0.00	0.00	0.00

IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1566	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.108	1
		48.35 C	0.00	0.00	0.00
1567	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		3.20 T	0.00	0.00	0.00
1568	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.010	1
		3.00 C	0.00	0.00	0.00
1569	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.011	1
		3.36 C	0.00	0.00	0.00
1570	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.097	1
		29.94 C	0.00	0.00	0.00
1571	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.006	1
		1.78 C	0.00	0.00	0.00
1572	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.015	1
		20.68 T	0.00	0.00	0.00
1573	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.006	1
		7.71 T	0.00	0.00	0.00
1574	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.09 T	0.00	0.00	0.00
1575	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.58 T	0.00	0.00	0.00
1576	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.009	1
		2.64 C	0.00	0.00	0.00
1577	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.020	1
		6.25 C	0.00	0.00	0.00
1578	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.013	1
		18.21 T	0.00	0.00	0.00
1579	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.71 T	0.00	0.00	0.00
1580	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		5.75 T	0.00	0.00	0.00
1581	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		5.47 T	0.00	0.00	0.00
1582	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.020	1
		6.10 C	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1583	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.17 T	0.00	0.00	0.00
1584	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.060	1
		26.74 C	0.00	0.00	0.00
1585	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.25 T	0.00	0.00	0.00
1586	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1587	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1588	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.59 T	0.00	0.00	0.00
1589	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.042	1
		13.01 C	0.00	0.00	0.00
1590	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.007	1
		9.25 T	0.00	0.00	0.00
1591	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		12.78 T	0.00	0.00	0.00
1592	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		12.04 T	0.00	0.00	0.00
1593	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.040	1
		12.46 C	0.00	0.00	0.00
1594	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.72 T	0.00	0.00	0.00
1595	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.050	1
		15.62 C	0.00	0.00	0.00
1596	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.023	1
		10.45 C	0.00	0.00	0.00
1597	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		15.02 T	0.00	0.00	0.00
1598	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		13.74 T	0.00	0.00	0.00
1599	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.052	1
		16.17 C	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1600	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.35 T	0.00	0.00	0.00
1601	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.019	1
		6.79 C	0.00	0.00	0.00
1602	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.029	1
		34.38 C	0.00	0.00	0.00
1603	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.027	1
		9.57 C	0.00	0.00	0.00
1604	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.88 T	0.00	0.00	0.00
1605	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.033	1
		10.10 C	0.00	0.00	0.00
1606	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.127	1
		39.19 C	0.00	0.00	0.00
1607	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.105	1
		32.42 C	0.00	0.00	0.00
1608	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.004	1
		1.11 C	0.00	0.00	0.00
1609	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.017	1
		24.08 T	0.00	0.00	0.00
1610	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.067	1
		92.33 T	0.00	0.00	0.00
1611	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		3.36 T	0.00	0.00	0.00
1612	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.072	1
		23.92 C	0.00	0.00	0.00
1613	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.077	1
		25.61 C	0.00	0.00	0.00
1614	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.020	1
		27.25 T	0.00	0.00	0.00
1615	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.025	1
		34.85 T	0.00	0.00	0.00
1616	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.094	1
		129.09 T	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1617	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.101	1
		31.31 C	0.00	0.00	0.00
1618	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.136	1
		42.10 C	0.00	0.00	0.00
1619	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.023	1
		31.87 T	0.00	0.00	0.00
1620	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.013	1
		17.82 T	0.00	0.00	0.00
1621	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.220	1
		98.81 C	0.00	0.00	0.00
1622	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.118	1
		36.52 C	0.00	0.00	0.00
1623	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.135	1
		41.56 C	0.00	0.00	0.00
1624	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.014	1
		18.98 T	0.00	0.00	0.00
1625	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.020	1
		27.38 T	0.00	0.00	0.00
1626	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.281	1
		125.84 C	0.00	0.00	0.00
1627	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.46 T	0.00	0.00	0.00
1628	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.087	1
		26.91 C	0.00	0.00	0.00
1629	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.091	1
		28.11 C	0.00	0.00	0.00
1630	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.019	1
		26.79 T	0.00	0.00	0.00
1631	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.017	1
		23.21 T	0.00	0.00	0.00
1632	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.184	1
		82.60 C	0.00	0.00	0.00
1633	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.25 T	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1634	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.073	1
		22.59 C	0.00	0.00	0.00
1635	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.073	1
		22.44 C	0.00	0.00	0.00
1636	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.015	1
		21.02 T	0.00	0.00	0.00
1637	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.012	1
		16.80 T	0.00	0.00	0.00
1638	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.105	1
		47.09 C	0.00	0.00	0.00
1639	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.98 T	0.00	0.00	0.00
1640	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.052	1
		16.15 C	0.00	0.00	0.00
1641	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.050	1
		15.62 C	0.00	0.00	0.00
1642	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		14.04 T	0.00	0.00	0.00
1643	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.007	1
		10.04 T	0.00	0.00	0.00
1644	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.049	1
		22.09 C	0.00	0.00	0.00
1645	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.82 T	0.00	0.00	0.00
1646	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.030	1
		9.34 C	0.00	0.00	0.00
1647	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.029	1
		9.00 C	0.00	0.00	0.00
1648	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.005	1
		7.45 T	0.00	0.00	0.00
1649	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		3.20 T	0.00	0.00	0.00
1650	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.017	1
		7.72 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1651	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.66 T	0.00	0.00	0.00
1652	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.008	1
		2.53 C	0.00	0.00	0.00
1653	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.009	1
		2.66 C	0.00	0.00	0.00
1654	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.12 T	0.00	0.00	0.00
1655	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.012	1
		3.68 C	0.00	0.00	0.00
1656	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.008	1
		3.81 C	0.00	0.00	0.00
1657	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.54 T	0.00	0.00	0.00
1658	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		4.30 T	0.00	0.00	0.00
1659	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		3.70 T	0.00	0.00	0.00
1660	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.017	1
		5.22 C	0.00	0.00	0.00
1661	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.034	1
		10.67 C	0.00	0.00	0.00
1662	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.023	1
		10.46 C	0.00	0.00	0.00
1663	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.56 T	0.00	0.00	0.00
1664	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		11.14 T	0.00	0.00	0.00
1665	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.007	1
		10.26 T	0.00	0.00	0.00
1666	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.039	1
		12.01 C	0.00	0.00	0.00
1667	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.86 T	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1668	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.046	1
		14.24 C	0.00	0.00	0.00
1669	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		14.36 T	0.00	0.00	0.00
1670	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		14.25 T	0.00	0.00	0.00
1671	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.050	1
		15.55 C	0.00	0.00	0.00
1672	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.091	1
		28.03 C	0.00	0.00	0.00
1673	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.115	1
		51.44 C	0.00	0.00	0.00
1674	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		3.14 T	0.00	0.00	0.00
1675	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.010	1
		3.20 C	0.00	0.00	0.00
1676	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.012	1
		3.73 C	0.00	0.00	0.00
1677	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.102	1
		31.50 C	0.00	0.00	0.00
1678	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.004	1
		1.13 C	0.00	0.00	0.00
1679	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.017	1
		23.93 T	0.00	0.00	0.00
1680	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		6.04 T	0.00	0.00	0.00
1681	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.17 T	0.00	0.00	0.00
1682	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.36 T	0.00	0.00	0.00
1683	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.011	1
		3.26 C	0.00	0.00	0.00
1684	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.020	1
		6.35 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1685	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.015	1
		20.81 T	0.00	0.00	0.00
1686	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.13 T	0.00	0.00	0.00
1687	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.005	1
		7.04 T	0.00	0.00	0.00
1688	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		6.03 T	0.00	0.00	0.00
1689	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.023	1
		7.10 C	0.00	0.00	0.00
1690	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.80 T	0.00	0.00	0.00
1691	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.062	1
		27.99 C	0.00	0.00	0.00
1692	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.95 T	0.00	0.00	0.00
1693	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1694	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1695	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		0.25 C	0.00	0.00	0.00
1696	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.044	1
		13.75 C	0.00	0.00	0.00
1697	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		10.46 T	0.00	0.00	0.00
1698	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		14.29 T	0.00	0.00	0.00
1699	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		13.16 T	0.00	0.00	0.00
1700	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.045	1
		13.83 C	0.00	0.00	0.00
1701	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.45 T	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1702	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.054	1
		16.71 C	0.00	0.00	0.00
1703	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.025	1
		11.37 C	0.00	0.00	0.00
1704	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.012	1
		16.36 T	0.00	0.00	0.00
1705	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		14.93 T	0.00	0.00	0.00
1706	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.056	1
		17.53 C	0.00	0.00	0.00
1707	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1708	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.021	1
		7.24 C	0.00	0.00	0.00
1709	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.032	1
		37.58 C	0.00	0.00	0.00
1710	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.028	1
		9.80 C	0.00	0.00	0.00
1711	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.74 T	0.00	0.00	0.00
1712	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.032	1
		9.82 C	0.00	0.00	0.00
1713	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.147	1
		45.34 C	0.00	0.00	0.00
1714	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.115	1
		35.43 C	0.00	0.00	0.00
1715	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		3.30 T	0.00	0.00	0.00
1716	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.018	1
		25.43 T	0.00	0.00	0.00
1717	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.070	1
		97.03 T	0.00	0.00	0.00
1718	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		4.60 T	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1719	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.076	1
		25.25 C	0.00	0.00	0.00
1720	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.086	1
		28.61 C	0.00	0.00	0.00
1721	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.022	1
		30.89 T	0.00	0.00	0.00
1722	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.022	1
		30.94 T	0.00	0.00	0.00
1723	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.099	1
		135.74 T	0.00	0.00	0.00
1724	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.112	1
		34.77 C	0.00	0.00	0.00
1725	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.147	1
		45.44 C	0.00	0.00	0.00
1726	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.029	1
		40.06 T	0.00	0.00	0.00
1727	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.012	1
		16.78 T	0.00	0.00	0.00
1728	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.231	1
		103.91 C	0.00	0.00	0.00
1729	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.125	1
		38.62 C	0.00	0.00	0.00
1730	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.157	1
		48.43 C	0.00	0.00	0.00
1731	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.014	1
		18.67 T	0.00	0.00	0.00
1732	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.022	1
		30.22 T	0.00	0.00	0.00
1733	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.301	1
		134.71 C	0.00	0.00	0.00
1734	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.61 T	0.00	0.00	0.00
1735	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.093	1
		28.93 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1736	ST PIP E	PASS	(AISC SECTIONS)		
		32.44 C	AISC- H1-3	0.105	1
			0.00	0.00	0.00
1737	ST PIP E	PASS	(AISC SECTIONS)		
		29.70 T	TENSION	0.022	1
			0.00	0.00	0.00
1738	ST PIP E	PASS	(AISC SECTIONS)		
		25.59 T	TENSION	0.019	1
			0.00	0.00	0.00
1739	ST PIP E	PASS	(AISC SECTIONS)		
		87.39 C	AISC- H1-1	0.195	1
			0.00	0.00	0.00
1740	ST PIP E	PASS	(AISC SECTIONS)		
		1.52 T	TENSION	0.001	1
			0.00	0.00	0.00
1741	ST PIP E	PASS	(AISC SECTIONS)		
		24.08 C	AISC- H1-3	0.078	1
			0.00	0.00	0.00
1742	ST PIP E	PASS	(AISC SECTIONS)		
		25.16 C	AISC- H1-3	0.081	1
			0.00	0.00	0.00
1743	ST PIP E	PASS	(AISC SECTIONS)		
		23.13 T	TENSION	0.017	1
			0.00	0.00	0.00
1744	ST PIP E	PASS	(AISC SECTIONS)		
		18.43 T	TENSION	0.013	1
			0.00	0.00	0.00
1745	ST PIP E	PASS	(AISC SECTIONS)		
		48.74 C	AISC- H1-3	0.109	1
			0.00	0.00	0.00
1746	ST PIP E	PASS	(AISC SECTIONS)		
		1.16 T	TENSION	0.001	1
			0.00	0.00	0.00
1747	ST PIP E	PASS	(AISC SECTIONS)		
		16.92 C	AISC- H1-3	0.055	1
			0.00	0.00	0.00
1748	ST PIP E	PASS	(AISC SECTIONS)		
		17.09 C	AISC- H1-3	0.055	1
			0.00	0.00	0.00
1749	ST PIP E	PASS	(AISC SECTIONS)		
		15.35 T	TENSION	0.011	1
			0.00	0.00	0.00
1750	ST PIP E	PASS	(AISC SECTIONS)		
		11.10 T	TENSION	0.008	1
			0.00	0.00	0.00
1751	ST PIP E	PASS	(AISC SECTIONS)		
		21.74 C	AISC- H1-3	0.049	1
			0.00	0.00	0.00
1752	ST PIP E	PASS	(AISC SECTIONS)		
		0.95 T	TENSION	0.001	1
			0.00	0.00	0.00

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1753	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.031	1
		9.52 C	0.00	0.00	0.00
1754	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.031	1
		9.63 C	0.00	0.00	0.00
1755	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.006	1
		8.25 T	0.00	0.00	0.00
1756	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		3.70 T	0.00	0.00	0.00
1757	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.014	1
		6.36 C	0.00	0.00	0.00
1758	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.78 T	0.00	0.00	0.00
1759	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.007	1
		2.16 C	0.00	0.00	0.00
1760	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.009	1
		2.68 C	0.00	0.00	0.00
1761	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.46 T	0.00	0.00	0.00
1762	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.012	1
		3.78 C	0.00	0.00	0.00
1763	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.005	1
		2.37 C	0.00	0.00	0.00
1764	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.68 T	0.00	0.00	0.00
1765	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		5.30 T	0.00	0.00	0.00
1766	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		4.16 T	0.00	0.00	0.00
1767	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.018	1
		5.43 C	0.00	0.00	0.00
1768	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.037	1
		11.33 C	0.00	0.00	0.00
1769	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.022	1
		9.84 C	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1770	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.71 T	0.00	0.00	0.00
1771	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		13.06 T	0.00	0.00	0.00
1772	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		11.27 T	0.00	0.00	0.00
1773	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.042	1
		12.87 C	0.00	0.00	0.00
1774	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.89 T	0.00	0.00	0.00
1775	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.047	1
		14.55 C	0.00	0.00	0.00
1776	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.012	1
		15.89 T	0.00	0.00	0.00
1777	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		13.07 T	0.00	0.00	0.00
1778	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.056	1
		17.35 C	0.00	0.00	0.00
1779	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.095	1
		29.32 C	0.00	0.00	0.00
1780	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.121	1
		54.20 C	0.00	0.00	0.00
1781	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.40 T	0.00	0.00	0.00
1782	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.013	1
		3.88 C	0.00	0.00	0.00
1783	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.014	1
		4.46 C	0.00	0.00	0.00
1784	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.105	1
		32.49 C	0.00	0.00	0.00
1785	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		0.56 C	0.00	0.00	0.00
1786	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.019	1
		26.28 T	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1787	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		4.87 T	0.00	0.00	0.00
1788	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.43 T	0.00	0.00	0.00
1789	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		1.94 T	0.00	0.00	0.00
1790	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.007	1
		2.09 C	0.00	0.00	0.00
1791	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.022	1
		6.81 C	0.00	0.00	0.00
1792	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.017	1
		23.12 T	0.00	0.00	0.00
1793	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1794	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.006	1
		7.96 T	0.00	0.00	0.00
1795	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.005	1
		7.05 T	0.00	0.00	0.00
1796	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.024	1
		7.34 C	0.00	0.00	0.00
1797	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1798	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.065	1
		29.20 C	0.00	0.00	0.00
1799	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		0.93 C	0.00	0.00	0.00
1800	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.52 T	0.00	0.00	0.00
1801	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1802	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		0.95 C	0.00	0.00	0.00
1803	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.047	1
		14.70 C	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1804	ST PIP E	PASS	(AISC SECTIONS)	0.008	1
		11.54 T	TENSION	0.00	0.00
1805	ST PIP E	PASS	(AISC SECTIONS)	0.011	1
		15.50 T	TENSION	0.00	0.00
1806	ST PIP E	PASS	(AISC SECTIONS)	0.011	1
		14.59 T	TENSION	0.00	0.00
1807	ST PIP E	PASS	(AISC SECTIONS)	0.047	1
		14.59 C	AISC- H1-3	0.00	0.00
1808	ST PIP E	PASS	(AISC SECTIONS)	0.000	1
		0.00 T	AISC- H1-3	0.00	0.00
1809	ST PIP E	PASS	(AISC SECTIONS)	0.058	1
		17.89 C	AISC- H1-3	0.00	0.00
1810	ST PIP E	PASS	(AISC SECTIONS)	0.027	1
		12.22 C	AISC- H1-3	0.00	0.00
1811	ST PIP E	PASS	(AISC SECTIONS)	0.013	1
		17.50 T	TENSION	0.00	0.00
1812	ST PIP E	PASS	(AISC SECTIONS)	0.012	1
		16.32 T	TENSION	0.00	0.00
1813	ST PIP E	PASS	(AISC SECTIONS)	0.060	1
		18.56 C	AISC- H1-3	0.00	0.00
1814	ST PIP E	PASS	(AISC SECTIONS)	0.000	1
		0.00 T	AISC- H1-3	0.00	0.00
1815	ST PIP E	PASS	(AISC SECTIONS)	0.022	1
		7.73 C	AISC- H1-3	0.00	0.00
1816	ST PIP E	PASS	(AISC SECTIONS)	0.035	1
		40.46 C	AISC- H1-3	0.00	0.00
1817	ST PIP E	PASS	(AISC SECTIONS)	0.028	1
		9.97 C	AISC- H1-3	0.00	0.00
1818	ST PIP E	PASS	(AISC SECTIONS)	0.000	1
		0.51 T	TENSION	0.00	0.00
1819	ST PIP E	PASS	(AISC SECTIONS)	0.006	1
		1.90 C	AISC- H1-3	0.00	0.00
1820	ST PIP E	PASS	(AISC SECTIONS)	0.176	1
		54.29 C	AISC- H1-1	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1821	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.96 T	0.00	0.00	0.00
1822	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.031	1
		9.63 C	0.00	0.00	0.00
1823	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.028	1
		39.03 T	0.00	0.00	0.00
1824	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.078	1
		106.81 T	0.00	0.00	0.00
1825	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		4.75 T	0.00	0.00	0.00
1826	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.117	1
		38.89 C	0.00	0.00	0.00
1827	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1828	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1829	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		13.61 T	0.00	0.00	0.00
1830	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.115	1
		158.20 T	0.00	0.00	0.00
1831	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.087	1
		27.04 C	0.00	0.00	0.00
1832	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.118	1
		36.60 C	0.00	0.00	0.00
1833	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.049	1
		67.62 T	0.00	0.00	0.00
1834	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.019	1
		25.70 T	0.00	0.00	0.00
1835	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.266	1
		119.62 C	0.00	0.00	0.00
1836	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.142	1
		43.95 C	0.00	0.00	0.00
1837	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00

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IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1838	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
1839	ST PIP E	PASS	(AISC SECTIONS)		
		35.33 T	TENSION	0.026	1
			0.00	0.00	0.00
1840	ST PIP E	PASS	(AISC SECTIONS)		
		148.13 C	AISC- H1-1	0.331	1
			0.00	0.00	0.00
1841	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
1842	ST PIP E	PASS	(AISC SECTIONS)		
		32.61 C	AISC- H1-3	0.105	1
			0.00	0.00	0.00
1843	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
1844	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
1845	ST PIP E	PASS	(AISC SECTIONS)		
		28.69 T	TENSION	0.021	1
			0.00	0.00	0.00
1846	ST PIP E	PASS	(AISC SECTIONS)		
		94.16 C	AISC- H1-1	0.210	1
			0.00	0.00	0.00
1847	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
1848	ST PIP E	PASS	(AISC SECTIONS)		
		26.56 C	AISC- H1-3	0.086	1
			0.00	0.00	0.00
1849	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
1850	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
1851	ST PIP E	PASS	(AISC SECTIONS)		
		20.22 T	TENSION	0.015	1
			0.00	0.00	0.00
1852	ST PIP E	PASS	(AISC SECTIONS)		
		51.20 C	AISC- H1-3	0.114	1
			0.00	0.00	0.00
1853	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
1854	ST PIP E	PASS	(AISC SECTIONS)		
		18.55 C	AISC- H1-3	0.060	1
			0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1855	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1856	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1857	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		11.90 T	0.00	0.00	0.00
1858	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.048	1
		21.62 C	0.00	0.00	0.00
1859	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1860	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.034	1
		10.49 C	0.00	0.00	0.00
1861	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1862	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1863	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		3.76 T	0.00	0.00	0.00
1864	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.011	1
		4.91 C	0.00	0.00	0.00
1865	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1866	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.008	1
		2.54 C	0.00	0.00	0.00
1867	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1868	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1869	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.014	1
		4.38 C	0.00	0.00	0.00
1870	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		0.58 C	0.00	0.00	0.00
1871	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1872	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		5.65 T	0.00	0.00	0.00
1873	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1874	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1875	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.040	1
		12.45 C	0.00	0.00	0.00
1876	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.019	1
		8.72 C	0.00	0.00	0.00
1877	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1878	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		14.03 T	0.00	0.00	0.00
1879	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1880	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1881	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1882	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.055	1
		17.06 C	0.00	0.00	0.00
1883	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.016	1
		21.38 T	0.00	0.00	0.00
1884	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1885	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1886	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.079	1
		24.32 C	0.00	0.00	0.00
1887	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.130	1
		58.30 C	0.00	0.00	0.00
1888	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1889	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.028	1
		8.78 C	0.00	0.00	0.00
1890	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		11.07 T	0.00	0.00	0.00
1891	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.063	1
		19.54 C	0.00	0.00	0.00
1892	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.007	1
		2.06 C	0.00	0.00	0.00
1893	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.021	1
		28.61 T	0.00	0.00	0.00
1894	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		3.67 T	0.00	0.00	0.00
1895	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		2.18 T	0.00	0.00	0.00
1896	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1897	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1898	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.026	1
		8.02 C	0.00	0.00	0.00
1899	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.018	1
		25.18 T	0.00	0.00	0.00
1900	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1901	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.006	1
		8.40 T	0.00	0.00	0.00
1902	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1903	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1904	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1905	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.066	1
		29.73 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1906	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1907	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1908	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1909	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		0.93 T	0.00	0.00	0.00
1910	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.052	1
		16.13 C	0.00	0.00	0.00
1911	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		12.40 T	0.00	0.00	0.00
1912	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.012	1
		16.28 T	0.00	0.00	0.00
1913	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1914	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1915	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1916	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.063	1
		19.69 C	0.00	0.00	0.00
1917	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.029	1
		13.18 C	0.00	0.00	0.00
1918	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.014	1
		18.71 T	0.00	0.00	0.00
1919	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1920	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1921	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1922	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.024	1
		8.32 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1923	ST PIP E	PASS	(AISC SECTIONS)		
		43.68 C	AISC- H1-3	0.037	1
			0.00	0.00	0.00
1924	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
1925	ST PIP E	PASS	(AISC SECTIONS)		
		0.00 T	AISC- H1-3	0.000	1
			0.00	0.00	0.00
1926	ST PIP E	PASS	(AISC SECTIONS)		
		8.73 C	AISC- H1-3	0.018	1
			0.00	0.00	0.00
1927	ST PIP E	PASS	(AISC SECTIONS)		
		49.38 C	AISC- H1-3	0.104	1
			0.00	0.00	0.00
1928	ST PIP E	PASS	(AISC SECTIONS)		
		48.74 C	AISC- H1-3	0.103	1
			0.00	0.00	0.00
1929	ST PIP E	PASS	(AISC SECTIONS)		
		55.49 C	AISC- H1-3	0.117	1
			0.00	0.00	0.00
1930	ST PIP E	PASS	(AISC SECTIONS)		
		49.77 C	AISC- H1-3	0.105	1
			0.00	0.00	0.00
1931	ST PIP E	PASS	(AISC SECTIONS)		
		58.38 C	AISC- H1-3	0.123	1
			0.00	0.00	0.00
1932	ST PIP E	PASS	(AISC SECTIONS)		
		49.53 C	AISC- H1-3	0.104	1
			0.00	0.00	0.00
1933	ST PIP E	PASS	(AISC SECTIONS)		
		62.07 C	AISC- H1-3	0.131	1
			0.00	0.00	0.00
1934	ST PIP E	PASS	(AISC SECTIONS)		
		48.15 C	AISC- H1-3	0.101	1
			0.00	0.00	0.00
1935	ST PIP E	PASS	(AISC SECTIONS)		
		64.39 C	AISC- H1-3	0.135	1
			0.00	0.00	0.00
1936	ST PIP E	PASS	(AISC SECTIONS)		
		45.36 C	AISC- H1-3	0.095	1
			0.00	0.00	0.00
1937	ST PIP E	PASS	(AISC SECTIONS)		
		8.30 C	AISC- H1-3	0.017	1
			0.00	0.00	0.00
1938	ST PIP E	PASS	(AISC SECTIONS)		
		6.46 T	TENSION	0.005	1
			0.00	0.00	0.00
1939	ST PIP E	PASS	(AISC SECTIONS)		
		23.50 T	TENSION	0.017	1
			0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
1940	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.137	1
		61.87 C	0.00	0.00	0.00
1941	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.111	1
		49.80 C	0.00	0.00	0.00
1942	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.073	1
		33.01 C	0.00	0.00	0.00
1943	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.036	1
		16.12 C	0.00	0.00	0.00
1944	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.007	1
		2.95 C	0.00	0.00	0.00
1945	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		4.94 T	0.00	0.00	0.00
1946	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.005	1
		6.96 T	0.00	0.00	0.00
1947	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		3.06 T	0.00	0.00	0.00
1948	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.041	1
		18.41 C	0.00	0.00	0.00
1949	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		15.73 T	0.00	0.00	0.00
1950	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		15.22 T	0.00	0.00	0.00
1951	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.014	1
		6.20 C	0.00	0.00	0.00
1952	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
1953	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.007	1
		9.22 T	0.00	0.00	0.00
1954	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.005	1
		2.29 C	0.00	0.00	0.00
1955	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.013	1
		15.03 C	0.00	0.00	0.00
2000	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.23 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2001	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.008	1
		10.95 C	0.00	0.00	0.00
2002	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.004	1
		5.17 C	0.00	0.00	0.00
2003	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.007	1
		9.42 C	0.00	0.00	0.00
2004	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.009	1
		12.61 C	0.00	0.00	0.00
2005	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		2.32 T	0.00	0.00	0.00
2006	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.006	1
		7.54 C	0.00	0.00	0.00
2007	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.006	1
		7.47 C	0.00	0.00	0.00
2008	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		2.36 C	0.00	0.00	0.00
2009	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		2.71 C	0.00	0.00	0.00
2010	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.005	1
		7.24 C	0.00	0.00	0.00
2011	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.007	1
		9.53 C	0.00	0.00	0.00
2012	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.903	1
		403.22 C	0.00	0.00	0.00
2013	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.125	1
		313.35 T	0.00	0.00	0.00
2014	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.115	1
		288.13 T	0.00	0.00	0.00
2015	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.671	1
		299.77 C	0.00	0.00	0.00
2016	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.112	1
		281.10 T	0.00	0.00	0.00
2017	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.112	1
		280.45 T	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2018	ST PIP E	PASS	(AISC SECTIONS)		
		281.10 C	AISC- H1-1	0.630	1
			0.00	0.00	0.00
2019	ST PIP E	PASS	(AISC SECTIONS)		
		236.06 T	TENSION	0.094	1
			0.00	0.00	0.00
2020	ST PIP E	PASS	(AISC SECTIONS)		
		236.05 T	TENSION	0.094	1
			0.00	0.00	0.00
2021	ST PIP E	PASS	(AISC SECTIONS)		
		235.65 C	AISC- H1-1	0.528	1
			0.00	0.00	0.00
2022	ST PIP E	PASS	(AISC SECTIONS)		
		192.35 T	TENSION	0.076	1
			0.00	0.00	0.00
2023	ST PIP E	PASS	(AISC SECTIONS)		
		194.28 T	TENSION	0.077	1
			0.00	0.00	0.00
2024	ST PIP E	PASS	(AISC SECTIONS)		
		192.27 C	AISC- H1-1	0.431	1
			0.00	0.00	0.00
2025	ST PIP E	PASS	(AISC SECTIONS)		
		148.56 T	TENSION	0.059	1
			0.00	0.00	0.00
2026	ST PIP E	PASS	(AISC SECTIONS)		
		152.37 T	TENSION	0.061	1
			0.00	0.00	0.00
2027	ST PIP E	PASS	(AISC SECTIONS)		
		149.00 C	AISC- H1-1	0.334	1
			0.00	0.00	0.00
2028	ST PIP E	PASS	(AISC SECTIONS)		
		105.12 T	TENSION	0.042	1
			0.00	0.00	0.00
2029	ST PIP E	PASS	(AISC SECTIONS)		
		109.73 T	TENSION	0.044	1
			0.00	0.00	0.00
2030	ST PIP E	PASS	(AISC SECTIONS)		
		106.18 C	AISC- H1-1	0.238	1
			0.00	0.00	0.00
2031	ST PIP E	PASS	(AISC SECTIONS)		
		60.94 T	TENSION	0.024	1
			0.00	0.00	0.00
2032	ST PIP E	PASS	(AISC SECTIONS)		
		68.12 T	TENSION	0.027	1
			0.00	0.00	0.00
2033	ST PIP E	PASS	(AISC SECTIONS)		
		62.32 C	AISC- H1-3	0.140	1
			0.00	0.00	0.00
2034	ST PIP E	PASS	(AISC SECTIONS)		
		18.52 T	TENSION	0.007	1
			0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2035	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		24.60 T	0.00	0.00	0.00
2036	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.045	1
		20.23 C	0.00	0.00	0.00
2037	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.003	1
		7.44 T	0.00	0.00	0.00
2038	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.840	1
		375.39 C	0.00	0.00	0.00
2039	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.676	1
		301.85 C	0.00	0.00	0.00
2040	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.628	1
		280.59 C	0.00	0.00	0.00
2041	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.530	1
		236.56 C	0.00	0.00	0.00
2042	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.435	1
		194.44 C	0.00	0.00	0.00
2043	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.340	1
		151.99 C	0.00	0.00	0.00
2044	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.243	1
		108.72 C	0.00	0.00	0.00
2045	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.149	1
		66.76 C	0.00	0.00	0.00
2046	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.051	1
		22.90 C	0.00	0.00	0.00
2047	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.931	1
		415.58 C	0.00	0.00	0.00
2048	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.118	1
		297.35 T	0.00	0.00	0.00
2049	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.118	1
		295.49 T	0.00	0.00	0.00
2050	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.664	1
		296.40 C	0.00	0.00	0.00
2051	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.112	1
		281.90 T	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2052	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.113	1
		283.11 T	0.00	0.00	0.00
2053	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.634	1
		283.02 C	0.00	0.00	0.00
2054	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.094	1
		236.19 T	0.00	0.00	0.00
2055	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.094	1
		237.51 T	0.00	0.00	0.00
2056	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.532	1
		237.51 C	0.00	0.00	0.00
2057	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.077	1
		193.00 T	0.00	0.00	0.00
2058	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.077	1
		194.40 T	0.00	0.00	0.00
2059	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.435	1
		194.43 C	0.00	0.00	0.00
2060	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.060	1
		149.92 T	0.00	0.00	0.00
2061	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.060	1
		151.48 T	0.00	0.00	0.00
2062	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.339	1
		151.54 C	0.00	0.00	0.00
2063	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.043	1
		107.14 T	0.00	0.00	0.00
2064	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.043	1
		108.12 T	0.00	0.00	0.00
2065	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.244	1
		108.93 C	0.00	0.00	0.00
2066	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.025	1
		63.23 T	0.00	0.00	0.00
2067	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.026	1
		65.99 T	0.00	0.00	0.00
2068	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.146	1
		65.13 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2069	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		21.09 T	0.00	0.00	0.00
2070	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		22.07 T	0.00	0.00	0.00
2071	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.052	1
		23.00 C	0.00	0.00	0.00
2072	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.022	1
		10.03 C	0.00	0.00	0.00
2073	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.865	1
		386.64 C	0.00	0.00	0.00
2074	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.664	1
		296.58 C	0.00	0.00	0.00
2075	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.632	1
		282.12 C	0.00	0.00	0.00
2076	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.529	1
		236.30 C	0.00	0.00	0.00
2077	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.432	1
		193.07 C	0.00	0.00	0.00
2078	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.336	1
		149.93 C	0.00	0.00	0.00
2079	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.238	1
		106.38 C	0.00	0.00	0.00
2080	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.144	1
		64.12 C	0.00	0.00	0.00
2081	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.045	1
		20.17 C	0.00	0.00	0.00
2082	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.861	1
		384.43 C	0.00	0.00	0.00
2083	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.114	1
		286.24 T	0.00	0.00	0.00
2084	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.125	1
		313.66 T	0.00	0.00	0.00
2085	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.675	1
		301.33 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2086	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.111	1
		280.23 T	0.00	0.00	0.00
2087	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.112	1
		282.50 T	0.00	0.00	0.00
2088	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.632	1
		282.14 C	0.00	0.00	0.00
2089	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.094	1
		235.26 T	0.00	0.00	0.00
2090	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.094	1
		237.53 T	0.00	0.00	0.00
2091	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.533	1
		238.09 C	0.00	0.00	0.00
2092	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.077	1
		193.04 T	0.00	0.00	0.00
2093	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.077	1
		193.76 T	0.00	0.00	0.00
2094	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.439	1
		195.88 C	0.00	0.00	0.00
2095	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.060	1
		150.88 T	0.00	0.00	0.00
2096	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.060	1
		150.00 T	0.00	0.00	0.00
2097	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.344	1
		153.40 C	0.00	0.00	0.00
2098	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.043	1
		108.83 T	0.00	0.00	0.00
2099	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.042	1
		106.30 T	0.00	0.00	0.00
2100	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.249	1
		111.40 C	0.00	0.00	0.00
2101	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.026	1
		65.47 T	0.00	0.00	0.00
2102	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.025	1
		63.63 T	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2103	ST PIP E	PASS	(AISC SECTIONS)		
		67.76 C	AISC- H1-1	0.152	1
			0.00	0.00	0.00
2104	ST PIP E	PASS	(AISC SECTIONS)		
		23.66 T	TENSION	0.009	1
			0.00	0.00	0.00
2105	ST PIP E	PASS	(AISC SECTIONS)		
		19.48 T	TENSION	0.008	1
			0.00	0.00	0.00
2106	ST PIP E	PASS	(AISC SECTIONS)		
		25.68 C	AISC- H1-3	0.057	1
			0.00	0.00	0.00
2107	ST PIP E	PASS	(AISC SECTIONS)		
		23.02 C	AISC- H1-3	0.051	1
			0.00	0.00	0.00
2108	ST PIP E	PASS	(AISC SECTIONS)		
		379.11 C	AISC- H1-1	0.849	1
			0.00	0.00	0.00
2109	ST PIP E	PASS	(AISC SECTIONS)		
		298.71 C	AISC- H1-1	0.669	1
			0.00	0.00	0.00
2110	ST PIP E	PASS	(AISC SECTIONS)		
		280.72 C	AISC- H1-1	0.628	1
			0.00	0.00	0.00
2111	ST PIP E	PASS	(AISC SECTIONS)		
		234.81 C	AISC- H1-1	0.526	1
			0.00	0.00	0.00
2112	ST PIP E	PASS	(AISC SECTIONS)		
		191.01 C	AISC- H1-1	0.428	1
			0.00	0.00	0.00
2113	ST PIP E	PASS	(AISC SECTIONS)		
		147.54 C	AISC- H1-1	0.330	1
			0.00	0.00	0.00
2114	ST PIP E	PASS	(AISC SECTIONS)		
		103.77 C	AISC- H1-1	0.232	1
			0.00	0.00	0.00
2115	ST PIP E	PASS	(AISC SECTIONS)		
		61.38 C	AISC- H1-3	0.137	1
			0.00	0.00	0.00
2116	ST PIP E	PASS	(AISC SECTIONS)		
		17.48 C	AISC- H1-3	0.039	1
			0.00	0.00	0.00
2117	ST PIP E	PASS	(AISC SECTIONS)		
		34.06 C	AISC- H1-3	0.076	1
			0.00	0.00	0.00
2118	ST PIP E	PASS	(AISC SECTIONS)		
		53.62 C	AISC- H1-3	0.120	1
			0.00	0.00	0.00
2119	ST PIP E	PASS	(AISC SECTIONS)		
		51.47 C	AISC- H1-3	0.115	1
			0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2120	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.010	1
		12.91 C	0.00	0.00	0.00
2121	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.025	1
		31.31 C	0.00	0.00	0.00
2122	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.025	1
		32.15 C	0.00	0.00	0.00
2123	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.018	1
		23.43 C	0.00	0.00	0.00
2124	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.016	1
		20.53 C	0.00	0.00	0.00
2125	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.004	1
		10.91 T	0.00	0.00	0.00
2126	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.017	1
		43.56 T	0.00	0.00	0.00
2127	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.018	1
		44.48 T	0.00	0.00	0.00
2128	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.018	1
		46.30 T	0.00	0.00	0.00
2129	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.017	1
		42.13 T	0.00	0.00	0.00
2130	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.017	1
		43.17 T	0.00	0.00	0.00
2131	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.016	1
		40.43 T	0.00	0.00	0.00
2132	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.847	1
		378.43 C	0.00	0.00	0.00
2133	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.123	1
		309.74 T	0.00	0.00	0.00
2134	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.120	1
		300.59 T	0.00	0.00	0.00
2135	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.681	1
		304.05 C	0.00	0.00	0.00
2136	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.112	1
		281.04 T	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2137	ST PIP E	PASS	(AISC SECTIONS)	0.113	1
		283.97 T	TENSION	0.00	0.00
2138	ST PIP E	PASS	(AISC SECTIONS)	0.631	1
		281.90 C	AISC- H1-1	0.00	0.00
2139	ST PIP E	PASS	(AISC SECTIONS)	0.094	1
		236.85 T	TENSION	0.00	0.00
2140	ST PIP E	PASS	(AISC SECTIONS)	0.095	1
		238.54 T	TENSION	0.00	0.00
2141	ST PIP E	PASS	(AISC SECTIONS)	0.529	1
		236.01 C	AISC- H1-1	0.00	0.00
2142	ST PIP E	PASS	(AISC SECTIONS)	0.077	1
		193.04 T	TENSION	0.00	0.00
2143	ST PIP E	PASS	(AISC SECTIONS)	0.078	1
		196.32 T	TENSION	0.00	0.00
2144	ST PIP E	PASS	(AISC SECTIONS)	0.430	1
		192.20 C	AISC- H1-1	0.00	0.00
2145	ST PIP E	PASS	(AISC SECTIONS)	0.059	1
		149.23 T	TENSION	0.00	0.00
2146	ST PIP E	PASS	(AISC SECTIONS)	0.061	1
		154.04 T	TENSION	0.00	0.00
2147	ST PIP E	PASS	(AISC SECTIONS)	0.333	1
		148.54 C	AISC- H1-1	0.00	0.00
2148	ST PIP E	PASS	(AISC SECTIONS)	0.042	1
		105.92 T	TENSION	0.00	0.00
2149	ST PIP E	PASS	(AISC SECTIONS)	0.044	1
		110.61 T	TENSION	0.00	0.00
2150	ST PIP E	PASS	(AISC SECTIONS)	0.237	1
		105.94 C	AISC- H1-1	0.00	0.00
2151	ST PIP E	PASS	(AISC SECTIONS)	0.024	1
		60.84 T	TENSION	0.00	0.00
2152	ST PIP E	PASS	(AISC SECTIONS)	0.028	1
		69.37 T	TENSION	0.00	0.00
2153	ST PIP E	PASS	(AISC SECTIONS)	0.137	1
		61.27 C	AISC- H1-3	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2154	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.007	1
		18.40 T	0.00	0.00	0.00
2155	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.011	1
		26.48 T	0.00	0.00	0.00
2156	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.041	1
		18.40 C	0.00	0.00	0.00
2157	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.104	1
		46.38 C	0.00	0.00	0.00
2158	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.798	1
		356.39 C	0.00	0.00	0.00
2159	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.686	1
		306.43 C	0.00	0.00	0.00
2160	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.634	1
		283.23 C	0.00	0.00	0.00
2161	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.536	1
		239.48 C	0.00	0.00	0.00
2162	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.442	1
		197.25 C	0.00	0.00	0.00
2163	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.347	1
		154.80 C	0.00	0.00	0.00
2164	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.248	1
		110.64 C	0.00	0.00	0.00
2165	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.154	1
		68.98 C	0.00	0.00	0.00
2166	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.059	1
		26.47 C	0.00	0.00	0.00
2167	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.856	1
		382.19 C	0.00	0.00	0.00
2168	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.121	1
		303.43 T	0.00	0.00	0.00
2169	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.120	1
		301.60 T	0.00	0.00	0.00
2170	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.680	1
		303.74 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2171	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.112	1
		282.73 T	0.00	0.00	0.00
2172	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.113	1
		283.47 T	0.00	0.00	0.00
2173	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.635	1
		283.74 C	0.00	0.00	0.00
2174	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.094	1
		237.17 T	0.00	0.00	0.00
2175	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.095	1
		237.84 T	0.00	0.00	0.00
2176	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.533	1
		237.95 C	0.00	0.00	0.00
2177	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.077	1
		194.23 T	0.00	0.00	0.00
2178	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.077	1
		194.74 T	0.00	0.00	0.00
2179	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.436	1
		194.81 C	0.00	0.00	0.00
2180	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.060	1
		151.31 T	0.00	0.00	0.00
2181	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.060	1
		151.67 T	0.00	0.00	0.00
2182	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.340	1
		151.83 C	0.00	0.00	0.00
2183	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.043	1
		109.06 T	0.00	0.00	0.00
2184	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.043	1
		107.88 T	0.00	0.00	0.00
2185	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.246	1
		109.68 C	0.00	0.00	0.00
2186	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.026	1
		64.72 T	0.00	0.00	0.00
2187	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.026	1
		66.16 T	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2188	ST PIP E	PASS	(AISC SECTIONS)		
		65.34 C	AISC- H1-3	0.146	1
			0.00	0.00	0.00
2189	ST PIP E	PASS	(AISC SECTIONS)		
		21.72 T	TENSION	0.009	1
			0.00	0.00	0.00
2190	ST PIP E	PASS	(AISC SECTIONS)		
		23.07 T	TENSION	0.009	1
			0.00	0.00	0.00
2191	ST PIP E	PASS	(AISC SECTIONS)		
		22.01 C	AISC- H1-3	0.049	1
			0.00	0.00	0.00
2192	ST PIP E	PASS	(AISC SECTIONS)		
		35.79 C	AISC- H1-3	0.080	1
			0.00	0.00	0.00
2193	ST PIP E	PASS	(AISC SECTIONS)		
		359.61 C	AISC- H1-1	0.805	1
			0.00	0.00	0.00
2194	ST PIP E	PASS	(AISC SECTIONS)		
		301.43 C	AISC- H1-1	0.675	1
			0.00	0.00	0.00
2195	ST PIP E	PASS	(AISC SECTIONS)		
		282.59 C	AISC- H1-1	0.633	1
			0.00	0.00	0.00
2196	ST PIP E	PASS	(AISC SECTIONS)		
		237.17 C	AISC- H1-1	0.531	1
			0.00	0.00	0.00
2197	ST PIP E	PASS	(AISC SECTIONS)		
		194.25 C	AISC- H1-1	0.435	1
			0.00	0.00	0.00
2198	ST PIP E	PASS	(AISC SECTIONS)		
		151.22 C	AISC- H1-1	0.338	1
			0.00	0.00	0.00
2199	ST PIP E	PASS	(AISC SECTIONS)		
		107.31 C	AISC- H1-1	0.240	1
			0.00	0.00	0.00
2200	ST PIP E	PASS	(AISC SECTIONS)		
		65.58 C	AISC- H1-3	0.147	1
			0.00	0.00	0.00
2201	ST PIP E	PASS	(AISC SECTIONS)		
		22.79 C	AISC- H1-3	0.051	1
			0.00	0.00	0.00
2202	ST PIP E	PASS	(AISC SECTIONS)		
		359.39 C	AISC- H1-1	0.805	1
			0.00	0.00	0.00
2203	ST PIP E	PASS	(AISC SECTIONS)		
		294.75 T	TENSION	0.117	1
			0.00	0.00	0.00
2204	ST PIP E	PASS	(AISC SECTIONS)		
		312.10 T	TENSION	0.124	1
			0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2205	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.687	1
		306.72 C	0.00	0.00	0.00
2206	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.112	1
		281.19 T	0.00	0.00	0.00
2207	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.112	1
		280.79 T	0.00	0.00	0.00
2208	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.633	1
		282.78 C	0.00	0.00	0.00
2209	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.094	1
		236.62 T	0.00	0.00	0.00
2210	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.094	1
		236.53 T	0.00	0.00	0.00
2211	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.535	1
		239.11 C	0.00	0.00	0.00
2212	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.078	1
		194.94 T	0.00	0.00	0.00
2213	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.077	1
		192.76 T	0.00	0.00	0.00
2214	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.441	1
		196.95 C	0.00	0.00	0.00
2215	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.061	1
		153.04 T	0.00	0.00	0.00
2216	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.059	1
		149.03 T	0.00	0.00	0.00
2217	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.346	1
		154.48 C	0.00	0.00	0.00
2218	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.044	1
		111.66 T	0.00	0.00	0.00
2219	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.042	1
		105.23 T	0.00	0.00	0.00
2220	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.253	1
		113.12 C	0.00	0.00	0.00
2221	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.027	1
		68.25 T	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2222	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.025	1
		63.14 T	0.00	0.00	0.00
2223	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.156	1
		69.58 C	0.00	0.00	0.00
2224	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		25.50 T	0.00	0.00	0.00
2225	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		19.42 T	0.00	0.00	0.00
2226	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.058	1
		25.87 C	0.00	0.00	0.00
2227	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.036	1
		15.94 C	0.00	0.00	0.00
2228	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.754	1
		336.80 C	0.00	0.00	0.00
2229	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.672	1
		300.27 C	0.00	0.00	0.00
2230	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.625	1
		279.33 C	0.00	0.00	0.00
2231	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.524	1
		234.15 C	0.00	0.00	0.00
2232	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.427	1
		190.84 C	0.00	0.00	0.00
2233	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.331	1
		147.67 C	0.00	0.00	0.00
2234	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.232	1
		103.82 C	0.00	0.00	0.00
2235	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.138	1
		61.84 C	0.00	0.00	0.00
2236	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.043	1
		19.06 C	0.00	0.00	0.00
2237	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.118	1
		52.89 C	0.00	0.00	0.00
2238	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.111	1
		49.51 C	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2239	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.097	1
		43.34 C	0.00	0.00	0.00
2240	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.910	1
		406.35 C	0.00	0.00	0.00
2241	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.124	1
		312.97 T	0.00	0.00	0.00
2242	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.115	1
		288.44 T	0.00	0.00	0.00
2243	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.672	1
		299.95 C	0.00	0.00	0.00
2244	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.112	1
		280.95 T	0.00	0.00	0.00
2245	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.112	1
		280.53 T	0.00	0.00	0.00
2246	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.630	1
		281.15 C	0.00	0.00	0.00
2247	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.094	1
		235.93 T	0.00	0.00	0.00
2248	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.094	1
		236.05 T	0.00	0.00	0.00
2249	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.528	1
		235.63 C	0.00	0.00	0.00
2250	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.076	1
		192.23 T	0.00	0.00	0.00
2251	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.077	1
		194.20 T	0.00	0.00	0.00
2252	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.430	1
		192.19 C	0.00	0.00	0.00
2253	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.059	1
		148.46 T	0.00	0.00	0.00
2254	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.061	1
		152.26 T	0.00	0.00	0.00
2255	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.333	1
		148.91 C	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2256	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.042	1
		104.90 T	0.00	0.00	0.00
2257	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.044	1
		109.99 T	0.00	0.00	0.00
2258	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.237	1
		105.69 C	0.00	0.00	0.00
2259	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.024	1
		61.46 T	0.00	0.00	0.00
2260	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.027	1
		67.55 T	0.00	0.00	0.00
2261	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.140	1
		62.58 C	0.00	0.00	0.00
2262	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.007	1
		18.33 T	0.00	0.00	0.00
2263	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		24.44 T	0.00	0.00	0.00
2264	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.045	1
		20.05 C	0.00	0.00	0.00
2265	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		5.31 T	0.00	0.00	0.00
2266	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.841	1
		375.59 C	0.00	0.00	0.00
2267	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.675	1
		301.61 C	0.00	0.00	0.00
2268	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.628	1
		280.46 C	0.00	0.00	0.00
2269	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.529	1
		236.45 C	0.00	0.00	0.00
2270	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.435	1
		194.33 C	0.00	0.00	0.00
2271	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.340	1
		151.88 C	0.00	0.00	0.00
2272	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.245	1
		109.25 C	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2273	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.149	1
		66.46 C	0.00	0.00	0.00
2274	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.051	1
		22.73 C	0.00	0.00	0.00
2275	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.932	1
		416.23 C	0.00	0.00	0.00
2276	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.118	1
		297.43 T	0.00	0.00	0.00
2277	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.117	1
		295.33 T	0.00	0.00	0.00
2278	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.664	1
		296.60 C	0.00	0.00	0.00
2279	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.112	1
		281.74 T	0.00	0.00	0.00
2280	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.113	1
		283.11 T	0.00	0.00	0.00
2281	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.634	1
		283.05 C	0.00	0.00	0.00
2282	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.094	1
		236.03 T	0.00	0.00	0.00
2283	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.094	1
		237.43 T	0.00	0.00	0.00
2284	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.532	1
		237.44 C	0.00	0.00	0.00
2285	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.077	1
		192.84 T	0.00	0.00	0.00
2286	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.077	1
		194.28 T	0.00	0.00	0.00
2287	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.435	1
		194.30 C	0.00	0.00	0.00
2288	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.060	1
		149.77 T	0.00	0.00	0.00
2289	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.060	1
		151.31 T	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2290	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.339	1
		151.32 C	0.00	0.00	0.00
2291	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.042	1
		106.67 T	0.00	0.00	0.00
2292	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.043	1
		108.27 T	0.00	0.00	0.00
2293	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.242	1
		108.27 C	0.00	0.00	0.00
2294	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.025	1
		63.61 T	0.00	0.00	0.00
2295	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.026	1
		65.27 T	0.00	0.00	0.00
2296	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.146	1
		65.32 C	0.00	0.00	0.00
2297	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		20.96 T	0.00	0.00	0.00
2298	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		21.86 T	0.00	0.00	0.00
2299	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.051	1
		22.82 C	0.00	0.00	0.00
2300	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.020	1
		8.89 C	0.00	0.00	0.00
2301	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.863	1
		385.61 C	0.00	0.00	0.00
2302	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.663	1
		296.30 C	0.00	0.00	0.00
2303	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.631	1
		281.93 C	0.00	0.00	0.00
2304	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.529	1
		236.13 C	0.00	0.00	0.00
2305	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.432	1
		192.91 C	0.00	0.00	0.00
2306	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.335	1
		149.83 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2307	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.239	1
		106.71 C	0.00	0.00	0.00
2308	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.142	1
		63.59 C	0.00	0.00	0.00
2309	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.045	1
		20.01 C	0.00	0.00	0.00
2310	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.860	1
		383.86 C	0.00	0.00	0.00
2311	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.113	1
		285.30 T	0.00	0.00	0.00
2312	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.125	1
		313.65 T	0.00	0.00	0.00
2313	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.674	1
		301.09 C	0.00	0.00	0.00
2314	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.111	1
		279.69 T	0.00	0.00	0.00
2315	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.112	1
		282.20 T	0.00	0.00	0.00
2316	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.631	1
		281.83 C	0.00	0.00	0.00
2317	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.093	1
		234.85 T	0.00	0.00	0.00
2318	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.094	1
		237.21 T	0.00	0.00	0.00
2319	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.533	1
		237.79 C	0.00	0.00	0.00
2320	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.077	1
		192.72 T	0.00	0.00	0.00
2321	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.077	1
		193.47 T	0.00	0.00	0.00
2322	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.438	1
		195.60 C	0.00	0.00	0.00
2323	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.060	1
		150.61 T	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2324	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.060	1
		149.70 T	0.00	0.00	0.00
2325	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.343	1
		153.14 C	0.00	0.00	0.00
2326	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.043	1
		108.20 T	0.00	0.00	0.00
2327	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.042	1
		106.13 T	0.00	0.00	0.00
2328	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.247	1
		110.50 C	0.00	0.00	0.00
2329	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.026	1
		65.67 T	0.00	0.00	0.00
2330	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.025	1
		62.73 T	0.00	0.00	0.00
2331	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.152	1
		67.69 C	0.00	0.00	0.00
2332	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.009	1
		23.45 T	0.00	0.00	0.00
2333	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		19.30 T	0.00	0.00	0.00
2334	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.057	1
		25.48 C	0.00	0.00	0.00
2335	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.049	1
		21.91 C	0.00	0.00	0.00
2336	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.840	1
		375.21 C	0.00	0.00	0.00
2337	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.667	1
		298.00 C	0.00	0.00	0.00
2338	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.627	1
		280.18 C	0.00	0.00	0.00
2339	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.525	1
		234.39 C	0.00	0.00	0.00
2340	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.427	1
		190.68 C	0.00	0.00	0.00

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IBI, INC.

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2341	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.330	1
		147.24 C	0.00	0.00	0.00
2342	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.233	1
		103.88 C	0.00	0.00	0.00
2343	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.136	1
		60.74 C	0.00	0.00	0.00
2344	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.039	1
		17.28 C	0.00	0.00	0.00
2345	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.081	1
		36.14 C	0.00	0.00	0.00
2346	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.122	1
		54.69 C	0.00	0.00	0.00
2347	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.116	1
		51.84 C	0.00	0.00	0.00
2348	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.012	1
		15.74 C	0.00	0.00	0.00
2349	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.024	1
		30.96 C	0.00	0.00	0.00
2350	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.025	1
		31.14 C	0.00	0.00	0.00
2351	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.018	1
		23.18 C	0.00	0.00	0.00
2352	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.019	1
		24.03 C	0.00	0.00	0.00
2353	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.005	1
		13.21 T	0.00	0.00	0.00
2354	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.015	1
		38.86 T	0.00	0.00	0.00
2355	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.016	1
		40.83 T	0.00	0.00	0.00
2356	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.016	1
		40.38 T	0.00	0.00	0.00
2357	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.017	1
		43.25 T	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2358	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.017	1
		42.06 T	0.00	0.00	0.00
2359	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.016	1
		40.39 T	0.00	0.00	0.00
2360	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.750	1
		334.75 C	0.00	0.00	0.00
2361	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.123	1
		310.54 T	0.00	0.00	0.00
2362	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.117	1
		293.00 T	0.00	0.00	0.00
2363	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.668	1
		298.36 C	0.00	0.00	0.00
2364	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.111	1
		279.12 T	0.00	0.00	0.00
2365	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.111	1
		279.13 T	0.00	0.00	0.00
2366	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.621	1
		277.19 C	0.00	0.00	0.00
2367	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.093	1
		234.87 T	0.00	0.00	0.00
2368	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.093	1
		234.60 T	0.00	0.00	0.00
2369	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.520	1
		232.04 C	0.00	0.00	0.00
2370	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.076	1
		191.11 T	0.00	0.00	0.00
2371	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.077	1
		192.95 T	0.00	0.00	0.00
2372	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.423	1
		188.79 C	0.00	0.00	0.00
2373	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.059	1
		147.36 T	0.00	0.00	0.00
2374	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.060	1
		151.07 T	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2375	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.326	1
		145.61 C	0.00	0.00	0.00
2376	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.041	1
		103.79 T	0.00	0.00	0.00
2377	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.043	1
		108.92 T	0.00	0.00	0.00
2378	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.230	1
		102.51 C	0.00	0.00	0.00
2379	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.024	1
		60.37 T	0.00	0.00	0.00
2380	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.026	1
		66.61 T	0.00	0.00	0.00
2381	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.133	1
		59.55 C	0.00	0.00	0.00
2382	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.007	1
		17.08 T	0.00	0.00	0.00
2383	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		24.10 T	0.00	0.00	0.00
2384	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.037	1
		16.69 C	0.00	0.00	0.00
2385	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.093	1
		41.77 C	0.00	0.00	0.00
2386	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.800	1
		357.55 C	0.00	0.00	0.00
2387	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.683	1
		305.32 C	0.00	0.00	0.00
2388	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.629	1
		281.19 C	0.00	0.00	0.00
2389	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.532	1
		237.53 C	0.00	0.00	0.00
2390	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.437	1
		195.36 C	0.00	0.00	0.00
2391	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.342	1
		152.89 C	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2392	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.247	1
		110.25 C	0.00	0.00	0.00
2393	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.151	1
		67.45 C	0.00	0.00	0.00
2394	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.055	1
		24.49 C	0.00	0.00	0.00
2395	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.801	1
		357.73 C	0.00	0.00	0.00
2396	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.119	1
		300.24 T	0.00	0.00	0.00
2397	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.120	1
		301.44 T	0.00	0.00	0.00
2398	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.671	1
		299.51 C	0.00	0.00	0.00
2399	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.112	1
		281.81 T	0.00	0.00	0.00
2400	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.112	1
		280.57 T	0.00	0.00	0.00
2401	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.628	1
		280.43 C	0.00	0.00	0.00
2402	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.094	1
		236.19 T	0.00	0.00	0.00
2403	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.093	1
		235.05 T	0.00	0.00	0.00
2404	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.526	1
		235.05 C	0.00	0.00	0.00
2405	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.077	1
		193.07 T	0.00	0.00	0.00
2406	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.076	1
		192.12 T	0.00	0.00	0.00
2407	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.430	1
		192.14 C	0.00	0.00	0.00
2408	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.060	1
		149.96 T	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2409	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.059	1
		149.24 T	0.00	0.00	0.00
2410	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.334	1
		149.24 C	0.00	0.00	0.00
2411	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.042	1
		106.83 T	0.00	0.00	0.00
2412	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.042	1
		106.29 T	0.00	0.00	0.00
2413	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.238	1
		106.29 C	0.00	0.00	0.00
2414	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.025	1
		63.74 T	0.00	0.00	0.00
2415	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.025	1
		63.37 T	0.00	0.00	0.00
2416	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.142	1
		63.35 C	0.00	0.00	0.00
2417	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		20.62 T	0.00	0.00	0.00
2418	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.008	1
		20.44 T	0.00	0.00	0.00
2419	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.046	1
		20.47 C	0.00	0.00	0.00
2420	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.107	1
		47.61 C	0.00	0.00	0.00
2421	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.851	1
		379.99 C	0.00	0.00	0.00
2422	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.677	1
		302.30 C	0.00	0.00	0.00
2423	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.631	1
		282.08 C	0.00	0.00	0.00
2424	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.529	1
		236.30 C	0.00	0.00	0.00
2425	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.432	1
		193.14 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2426	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.336	1
		150.02 C	0.00	0.00	0.00
2427	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.239	1
		106.88 C	0.00	0.00	0.00
2428	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.143	1
		63.78 C	0.00	0.00	0.00
2429	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.046	1
		20.61 C	0.00	0.00	0.00
2430	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.794	1
		354.51 C	0.00	0.00	0.00
2431	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.119	1
		299.08 T	0.00	0.00	0.00
2432	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.122	1
		307.64 T	0.00	0.00	0.00
2433	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.682	1
		304.42 C	0.00	0.00	0.00
2434	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.112	1
		282.29 T	0.00	0.00	0.00
2435	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.111	1
		278.81 T	0.00	0.00	0.00
2436	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.629	1
		281.08 C	0.00	0.00	0.00
2437	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.094	1
		236.87 T	0.00	0.00	0.00
2438	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.093	1
		234.63 T	0.00	0.00	0.00
2439	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.532	1
		237.34 C	0.00	0.00	0.00
2440	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.077	1
		194.61 T	0.00	0.00	0.00
2441	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.076	1
		190.83 T	0.00	0.00	0.00
2442	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.437	1
		195.10 C	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2443	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.061	1
		152.28 T	0.00	0.00	0.00
2444	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.058	1
		147.05 T	0.00	0.00	0.00
2445	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.342	1
		152.61 C	0.00	0.00	0.00
2446	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.044	1
		109.73 T	0.00	0.00	0.00
2447	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.041	1
		103.46 T	0.00	0.00	0.00
2448	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.246	1
		109.95 C	0.00	0.00	0.00
2449	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.027	1
		67.05 T	0.00	0.00	0.00
2450	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.024	1
		60.02 T	0.00	0.00	0.00
2451	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.150	1
		67.13 C	0.00	0.00	0.00
2452	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		24.22 T	0.00	0.00	0.00
2453	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.007	1
		16.75 T	0.00	0.00	0.00
2454	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.054	1
		24.15 C	0.00	0.00	0.00
2455	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.115	1
		51.26 C	0.00	0.00	0.00
2456	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.842	1
		376.26 C	0.00	0.00	0.00
2457	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.677	1
		302.45 C	0.00	0.00	0.00
2458	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.627	1
		280.15 C	0.00	0.00	0.00
2459	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.524	1
		234.26 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
2460	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.426	1
		190.42 C	0.00	0.00	0.00
2461	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.329	1
		146.79 C	0.00	0.00	0.00
2462	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.231	1
		103.30 C	0.00	0.00	0.00
2463	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.134	1
		59.98 C	0.00	0.00	0.00
2464	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.038	1
		16.83 C	0.00	0.00	0.00
2465	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.033	1
		14.73 C	0.00	0.00	0.00
2466	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.078	1
		34.70 C	0.00	0.00	0.00
2467	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.102	1
		45.36 C	0.00	0.00	0.00
4000	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.542	1
		1212.92 C	0.00	0.00	0.00
4001	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.020	1
		83.07 T	0.00	0.00	0.00
4002	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.344	1
		769.24 C	0.00	0.00	0.00
4003	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.002	1
		8.53 T	0.00	0.00	0.00
4004	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.159	1
		355.01 C	0.00	0.00	0.00
4005	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.43 T	0.00	0.00	0.00
4006	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		6.76 C	0.00	0.00	0.00
4007	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.33 C	0.00	0.00	0.00
4008	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.066	1
		278.44 T	0.00	0.00	0.00

IBI, INC.

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
4009	ST PIP E	PASS	(AISC SECTIONS)		
		1.51 C	AISC- H1-3	0.001	1
			0.00	0.00	0.00
4010	ST PIP E	PASS	(AISC SECTIONS)		
		500.42 T	TENSION	0.118	1
			0.00	0.00	0.00
4011	ST PIP E	PASS	(AISC SECTIONS)		
		2.51 C	AISC- H1-3	0.001	1
			0.00	0.00	0.00
4012	ST PIP E	PASS	(AISC SECTIONS)		
		658.91 T	TENSION	0.155	1
			0.00	0.00	0.00
4013	ST PIP E	PASS	(AISC SECTIONS)		
		3.20 C	AISC- H1-3	0.001	1
			0.00	0.00	0.00
4014	ST PIP E	PASS	(AISC SECTIONS)		
		754.10 T	TENSION	0.178	1
			0.00	0.00	0.00
4015	ST PIP E	PASS	(AISC SECTIONS)		
		3.65 C	AISC- H1-3	0.002	1
			0.00	0.00	0.00
4016	ST PIP E	PASS	(AISC SECTIONS)		
		3.90 C	AISC- H1-3	0.002	1
			0.00	0.00	0.00
4017	ST PIP E	PASS	(AISC SECTIONS)		
		1213.63 C	AISC- H1-1	0.542	1
			0.00	0.00	0.00
4018	ST PIP E	PASS	(AISC SECTIONS)		
		25.82 T	TENSION	0.006	1
			0.00	0.00	0.00
4019	ST PIP E	PASS	(AISC SECTIONS)		
		776.32 C	AISC- H1-1	0.347	1
			0.00	0.00	0.00
4020	ST PIP E	PASS	(AISC SECTIONS)		
		9.15 T	TENSION	0.002	1
			0.00	0.00	0.00
4021	ST PIP E	PASS	(AISC SECTIONS)		
		359.54 C	AISC- H1-1	0.161	1
			0.00	0.00	0.00
4022	ST PIP E	PASS	(AISC SECTIONS)		
		0.31 T	TENSION	0.000	1
			0.00	0.00	0.00
4023	ST PIP E	PASS	(AISC SECTIONS)		
		10.11 C	AISC- H1-3	0.005	1
			0.00	0.00	0.00
4024	ST PIP E	PASS	(AISC SECTIONS)		
		0.37 C	AISC- H1-3	0.000	1
			0.00	0.00	0.00
4025	ST PIP E	PASS	(AISC SECTIONS)		
		275.65 T	TENSION	0.065	1
			0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
4026	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		1.53 C	0.00	0.00	0.00
4027	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.117	1
		497.98 T	0.00	0.00	0.00
4028	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		2.49 C	0.00	0.00	0.00
4029	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.155	1
		656.77 T	0.00	0.00	0.00
4030	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		3.18 C	0.00	0.00	0.00
4031	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.177	1
		752.09 T	0.00	0.00	0.00
4032	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		3.67 C	0.00	0.00	0.00
4033	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		3.89 C	0.00	0.00	0.00
4034	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.543	1
		1214.30 C	0.00	0.00	0.00
4035	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.345	1
		771.78 C	0.00	0.00	0.00
4036	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.159	1
		356.68 C	0.00	0.00	0.00
4037	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.004	1
		7.93 C	0.00	0.00	0.00
4038	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.065	1
		277.39 T	0.00	0.00	0.00
4039	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.118	1
		499.33 T	0.00	0.00	0.00
4040	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.155	1
		658.02 T	0.00	0.00	0.00
4041	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.178	1
		753.25 T	0.00	0.00	0.00
4042	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-1	0.369	1
		824.71 C	0.00	0.00	0.00

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ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
4043	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.006	1
		23.87 T	0.00	0.00	0.00
4044	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.167	1
		374.49 C	0.00	0.00	0.00
4045	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		2.49 T	0.00	0.00	0.00
4046	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.010	1
		42.29 T	0.00	0.00	0.00
4047	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		1.57 C	0.00	0.00	0.00
4048	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.093	1
		392.96 T	0.00	0.00	0.00
4049	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		1.90 C	0.00	0.00	0.00
4050	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.160	1
		680.17 T	0.00	0.00	0.00
4051	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		3.07 C	0.00	0.00	0.00
4052	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.213	1
		903.88 T	0.00	0.00	0.00
4053	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		4.08 C	0.00	0.00	0.00
4054	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.251	1
		1063.60 T	0.00	0.00	0.00
4055	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		5.29 C	0.00	0.00	0.00
4056	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.273	1
		1159.65 T	0.00	0.00	0.00
4057	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		4.10 C	0.00	0.00	0.00
4058	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		5.96 C	0.00	0.00	0.00
4059	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.367	1
		821.64 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
4060	ST PIP E	PASS	(AISC SECTIONS)		
		60.62 T	TENSION	0.014	1
			0.00	0.00	0.00
4061	ST PIP E	PASS	(AISC SECTIONS)		
		375.33 C	AISC- H1-1	0.168	1
			0.00	0.00	0.00
4062	ST PIP E	PASS	(AISC SECTIONS)		
		4.02 T	TENSION	0.001	1
			0.00	0.00	0.00
4063	ST PIP E	PASS	(AISC SECTIONS)		
		42.32 T	TENSION	0.010	1
			0.00	0.00	0.00
4064	ST PIP E	PASS	(AISC SECTIONS)		
		1.42 C	AISC- H1-3	0.001	1
			0.00	0.00	0.00
4065	ST PIP E	PASS	(AISC SECTIONS)		
		392.71 T	TENSION	0.093	1
			0.00	0.00	0.00
4066	ST PIP E	PASS	(AISC SECTIONS)		
		1.87 C	AISC- H1-3	0.001	1
			0.00	0.00	0.00
4067	ST PIP E	PASS	(AISC SECTIONS)		
		679.64 T	TENSION	0.160	1
			0.00	0.00	0.00
4068	ST PIP E	PASS	(AISC SECTIONS)		
		3.06 C	AISC- H1-3	0.001	1
			0.00	0.00	0.00
4069	ST PIP E	PASS	(AISC SECTIONS)		
		903.13 T	TENSION	0.213	1
			0.00	0.00	0.00
4070	ST PIP E	PASS	(AISC SECTIONS)		
		3.99 C	AISC- H1-3	0.002	1
			0.00	0.00	0.00
4071	ST PIP E	PASS	(AISC SECTIONS)		
		1063.16 T	TENSION	0.251	1
			0.00	0.00	0.00
4072	ST PIP E	PASS	(AISC SECTIONS)		
		4.89 C	AISC- H1-3	0.002	1
			0.00	0.00	0.00
4073	ST PIP E	PASS	(AISC SECTIONS)		
		1159.71 T	TENSION	0.273	1
			0.00	0.00	0.00
4074	ST PIP E	PASS	(AISC SECTIONS)		
		4.73 C	AISC- H1-3	0.002	1
			0.00	0.00	0.00
4075	ST PIP E	PASS	(AISC SECTIONS)		
		5.75 C	AISC- H1-3	0.003	1
			0.00	0.00	0.00
4076	ST PIP E	PASS	(AISC SECTIONS)		
		814.33 C	AISC- H1-1	0.364	1
			0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
4077	ST PIP E	PASS	(AISC SECTIONS)		
		366.68 C	AISC- H1-1	0.164	1
			0.00	0.00	0.00
4078	ST PIP E	PASS	(AISC SECTIONS)		
		47.86 T	TENSION	0.011	1
			0.00	0.00	0.00
4079	ST PIP E	PASS	(AISC SECTIONS)		
		396.88 T	TENSION	0.094	1
			0.00	0.00	0.00
4080	ST PIP E	PASS	(AISC SECTIONS)		
		682.87 T	TENSION	0.161	1
			0.00	0.00	0.00
4081	ST PIP E	PASS	(AISC SECTIONS)		
		905.70 T	TENSION	0.214	1
			0.00	0.00	0.00
4082	ST PIP E	PASS	(AISC SECTIONS)		
		1065.69 T	TENSION	0.251	1
			0.00	0.00	0.00
4083	ST PIP E	PASS	(AISC SECTIONS)		
		1162.61 T	TENSION	0.274	1
			0.00	0.00	0.00
4084	ST PIP E	PASS	(AISC SECTIONS)		
		33.88 C	AISC- H1-3	0.013	1
			0.00	0.00	0.00
4085	ST PIP E	PASS	(AISC SECTIONS)		
		41.86 C	AISC- H1-3	0.016	1
			0.00	0.00	0.00
4086	ST PIP E	PASS	(AISC SECTIONS)		
		24.24 C	AISC- H1-3	0.009	1
			0.00	0.00	0.00
4087	ST PIP E	PASS	(AISC SECTIONS)		
		45.07 C	AISC- H1-3	0.017	1
			0.00	0.00	0.00
4088	ST PIP E	PASS	(AISC SECTIONS)		
		47.80 C	AISC- H1-3	0.018	1
			0.00	0.00	0.00
4089	ST PIP E	PASS	(AISC SECTIONS)		
		121.17 C	AISC- H1-3	0.046	1
			0.00	0.00	0.00
4090	ST PIP E	PASS	(AISC SECTIONS)		
		1212.99 C	AISC- H1-1	0.542	1
			0.00	0.00	0.00
4091	ST PIP E	PASS	(AISC SECTIONS)		
		76.22 T	TENSION	0.018	1
			0.00	0.00	0.00
4092	ST PIP E	PASS	(AISC SECTIONS)		
		769.36 C	AISC- H1-1	0.344	1
			0.00	0.00	0.00
4093	ST PIP E	PASS	(AISC SECTIONS)		
		8.44 T	TENSION	0.002	1
			0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
4094	ST PIP E	PASS	(AISC SECTIONS)		
		355.18 C	AISC- H1-1	0.159	1
			0.00	0.00	0.00
4095	ST PIP E	PASS	(AISC SECTIONS)		
		0.41 T	TENSION	0.000	1
			0.00	0.00	0.00
4096	ST PIP E	PASS	(AISC SECTIONS)		
		7.03 C	AISC- H1-3	0.003	1
			0.00	0.00	0.00
4097	ST PIP E	PASS	(AISC SECTIONS)		
		0.35 C	AISC- H1-3	0.000	1
			0.00	0.00	0.00
4098	ST PIP E	PASS	(AISC SECTIONS)		
		278.03 T	TENSION	0.066	1
			0.00	0.00	0.00
4099	ST PIP E	PASS	(AISC SECTIONS)		
		1.52 C	AISC- H1-3	0.001	1
			0.00	0.00	0.00
4100	ST PIP E	PASS	(AISC SECTIONS)		
		499.85 T	TENSION	0.118	1
			0.00	0.00	0.00
4101	ST PIP E	PASS	(AISC SECTIONS)		
		2.50 C	AISC- H1-3	0.001	1
			0.00	0.00	0.00
4102	ST PIP E	PASS	(AISC SECTIONS)		
		658.36 T	TENSION	0.155	1
			0.00	0.00	0.00
4103	ST PIP E	PASS	(AISC SECTIONS)		
		3.19 C	AISC- H1-3	0.001	1
			0.00	0.00	0.00
4104	ST PIP E	PASS	(AISC SECTIONS)		
		753.53 T	TENSION	0.178	1
			0.00	0.00	0.00
4105	ST PIP E	PASS	(AISC SECTIONS)		
		3.68 C	AISC- H1-3	0.002	1
			0.00	0.00	0.00
4106	ST PIP E	PASS	(AISC SECTIONS)		
		3.91 C	AISC- H1-3	0.002	1
			0.00	0.00	0.00
4107	ST PIP E	PASS	(AISC SECTIONS)		
		1212.10 C	AISC- H1-1	0.542	1
			0.00	0.00	0.00
4108	ST PIP E	PASS	(AISC SECTIONS)		
		34.45 T	TENSION	0.008	1
			0.00	0.00	0.00
4109	ST PIP E	PASS	(AISC SECTIONS)		
		774.85 C	AISC- H1-1	0.346	1
			0.00	0.00	0.00
4110	ST PIP E	PASS	(AISC SECTIONS)		
		9.32 T	TENSION	0.002	1
			0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
4111	ST PIP E	PASS	(AISC SECTIONS)		
		358.18 C	AISC- H1-1	0.160	1
			0.00	0.00	0.00
4112	ST PIP E	PASS	(AISC SECTIONS)		
		0.32 T	TENSION	0.000	1
			0.00	0.00	0.00
4113	ST PIP E	PASS	(AISC SECTIONS)		
		8.93 C	AISC- H1-3	0.004	1
			0.00	0.00	0.00
4114	ST PIP E	PASS	(AISC SECTIONS)		
		0.38 C	AISC- H1-3	0.000	1
			0.00	0.00	0.00
4115	ST PIP E	PASS	(AISC SECTIONS)		
		276.63 T	TENSION	0.065	1
			0.00	0.00	0.00
4116	ST PIP E	PASS	(AISC SECTIONS)		
		1.54 C	AISC- H1-3	0.001	1
			0.00	0.00	0.00
4117	ST PIP E	PASS	(AISC SECTIONS)		
		498.72 T	TENSION	0.118	1
			0.00	0.00	0.00
4118	ST PIP E	PASS	(AISC SECTIONS)		
		2.51 C	AISC- H1-3	0.001	1
			0.00	0.00	0.00
4119	ST PIP E	PASS	(AISC SECTIONS)		
		657.27 T	TENSION	0.155	1
			0.00	0.00	0.00
4120	ST PIP E	PASS	(AISC SECTIONS)		
		3.20 C	AISC- H1-3	0.001	1
			0.00	0.00	0.00
4121	ST PIP E	PASS	(AISC SECTIONS)		
		752.34 T	TENSION	0.177	1
			0.00	0.00	0.00
4122	ST PIP E	PASS	(AISC SECTIONS)		
		3.65 C	AISC- H1-3	0.002	1
			0.00	0.00	0.00
4123	ST PIP E	PASS	(AISC SECTIONS)		
		3.88 C	AISC- H1-3	0.002	1
			0.00	0.00	0.00
4124	ST PIP E	PASS	(AISC SECTIONS)		
		1209.36 C	AISC- H1-1	0.540	1
			0.00	0.00	0.00
4126	ST PIP E	PASS	(AISC SECTIONS)		
		767.54 C	AISC- H1-1	0.343	1
			0.00	0.00	0.00
4128	ST PIP E	PASS	(AISC SECTIONS)		
		353.06 C	AISC- H1-1	0.158	1
			0.00	0.00	0.00
4130	ST PIP E	PASS	(AISC SECTIONS)		
		4.84 C	AISC- H1-3	0.002	1
			0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
4132	ST PIP E	PASS	(AISC SECTIONS)		
		280.03 T	TENSION	0.066	1
			0.00	0.00	0.00
4134	ST PIP E	PASS	(AISC SECTIONS)		
		501.56 T	TENSION	0.118	1
			0.00	0.00	0.00
4136	ST PIP E	PASS	(AISC SECTIONS)		
		659.66 T	TENSION	0.156	1
			0.00	0.00	0.00
4138	ST PIP E	PASS	(AISC SECTIONS)		
		754.37 T	TENSION	0.178	1
			0.00	0.00	0.00
4141	ST PIP E	PASS	(AISC SECTIONS)		
		791.94 C	AISC- H1-1	0.354	1
			0.00	0.00	0.00
4142	ST PIP E	PASS	(AISC SECTIONS)		
		61.18 T	TENSION	0.014	1
			0.00	0.00	0.00
4143	ST PIP E	PASS	(AISC SECTIONS)		
		346.74 C	AISC- H1-1	0.155	1
			0.00	0.00	0.00
4144	ST PIP E	PASS	(AISC SECTIONS)		
		3.90 T	TENSION	0.001	1
			0.00	0.00	0.00
4145	ST PIP E	PASS	(AISC SECTIONS)		
		65.06 T	TENSION	0.015	1
			0.00	0.00	0.00
4146	ST PIP E	PASS	(AISC SECTIONS)		
		1.48 C	AISC- H1-3	0.001	1
			0.00	0.00	0.00
4147	ST PIP E	PASS	(AISC SECTIONS)		
		411.36 T	TENSION	0.097	1
			0.00	0.00	0.00
4148	ST PIP E	PASS	(AISC SECTIONS)		
		1.92 C	AISC- H1-3	0.001	1
			0.00	0.00	0.00
4149	ST PIP E	PASS	(AISC SECTIONS)		
		694.66 T	TENSION	0.164	1
			0.00	0.00	0.00
4150	ST PIP E	PASS	(AISC SECTIONS)		
		3.10 C	AISC- H1-3	0.001	1
			0.00	0.00	0.00
4151	ST PIP E	PASS	(AISC SECTIONS)		
		914.80 T	TENSION	0.216	1
			0.00	0.00	0.00
4152	ST PIP E	PASS	(AISC SECTIONS)		
		4.05 C	AISC- H1-3	0.002	1
			0.00	0.00	0.00
4153	ST PIP E	PASS	(AISC SECTIONS)		
		1071.71 T	TENSION	0.253	1
			0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
4154	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		4.75 C	0.00	0.00	0.00
4155	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.275	1
		1165.38 T	0.00	0.00	0.00
4156	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		5.21 C	0.00	0.00	0.00
4157	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		5.47 C	0.00	0.00	0.00
4158	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.357	1
		799.64 C	0.00	0.00	0.00
4159	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.006	1
		23.89 T	0.00	0.00	0.00
4160	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.159	1
		355.81 C	0.00	0.00	0.00
4161	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.001	1
		2.43 T	0.00	0.00	0.00
4162	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.014	1
		59.03 T	0.00	0.00	0.00
4163	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		1.63 C	0.00	0.00	0.00
4164	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.096	1
		406.64 T	0.00	0.00	0.00
4165	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		1.96 C	0.00	0.00	0.00
4166	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.163	1
		690.78 T	0.00	0.00	0.00
4167	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		3.12 C	0.00	0.00	0.00
4168	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.215	1
		911.49 T	0.00	0.00	0.00
4169	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		4.07 C	0.00	0.00	0.00
4170	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.252	1
		1068.70 T	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
4171	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		4.77 C	0.00	0.00	0.00
4172	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.274	1
		1162.46 T	0.00	0.00	0.00
4173	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		5.23 C	0.00	0.00	0.00
4174	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		5.45 C	0.00	0.00	0.00
4175	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.359	1
		802.84 C	0.00	0.00	0.00
4177	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-1	0.159	1
		355.29 C	0.00	0.00	0.00
4179	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.014	1
		58.60 T	0.00	0.00	0.00
4181	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.096	1
		406.41 T	0.00	0.00	0.00
4183	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.163	1
		690.72 T	0.00	0.00	0.00
4185	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.215	1
		911.53 T	0.00	0.00	0.00
4187	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.252	1
		1068.79 T	0.00	0.00	0.00
4189	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.274	1
		1162.53 T	0.00	0.00	0.00
4193	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.024	1
		61.33 C	0.00	0.00	0.00
4195	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.017	1
		43.65 C	0.00	0.00	0.00
4196	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.015	1
		39.94 C	0.00	0.00	0.00
4206	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.281	1
		1192.75 T	0.00	0.00	0.00
4207	ST PIP E		(AISC SECTIONS)		
		PASS	TENSION	0.281	1
		1192.75 T	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
4208	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.282	1
		1195.75 T	0.00	0.00	0.00
4209	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.038	1
		113.28 C	0.00	0.00	0.00
4210	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.011	1
		29.00 C	0.00	0.00	0.00
4211	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.033	1
		98.36 C	0.00	0.00	0.00
4212	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.030	1
		91.62 C	0.00	0.00	0.00
4213	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.014	1
		36.14 C	0.00	0.00	0.00
4214	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.027	1
		71.57 C	0.00	0.00	0.00
4215	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.007	1
		19.01 C	0.00	0.00	0.00
4216	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.040	1
		120.04 C	0.00	0.00	0.00
4217	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.025	1
		65.37 C	0.00	0.00	0.00
4218	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.035	1
		105.35 C	0.00	0.00	0.00
4219	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.029	1
		75.67 C	0.00	0.00	0.00
4220	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.033	1
		99.31 C	0.00	0.00	0.00
4231	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.185	1
		785.08 T	0.00	0.00	0.00
4232	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.185	1
		783.92 T	0.00	0.00	0.00
4233	ST PIP E	PASS	(AISC SECTIONS) TENSION	0.185	1
		785.91 T	0.00	0.00	0.00
4234	ST PIP E	PASS	(AISC SECTIONS) AISC- H1-3	0.078	1
		235.43 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
4235	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.084	1
		220.00 C	0.00	0.00	0.00
4236	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.074	1
		222.77 C	0.00	0.00	0.00
4237	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.096	1
		249.22 C	0.00	0.00	0.00
4238	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.085	1
		256.30 C	0.00	0.00	0.00
4239	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.086	1
		224.50 C	0.00	0.00	0.00
4240	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.073	1
		220.49 C	0.00	0.00	0.00
4241	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.093	1
		241.30 C	0.00	0.00	0.00
4242	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.074	1
		223.93 C	0.00	0.00	0.00
4243	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.084	1
		218.29 C	0.00	0.00	0.00
4244	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.086	1
		258.72 C	0.00	0.00	0.00
4512	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		47.00 C	0.00	0.00	0.00
4513	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		46.12 C	0.00	0.00	0.00
4514	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		31.81 C	0.00	0.00	0.00
4515	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		43.94 C	0.00	0.00	0.00
4516	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		49.61 C	0.00	0.00	0.00
4517	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		56.84 C	0.00	0.00	0.00
4518	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		59.82 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
4519	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		33.26 C	0.00	0.00	0.00
4520	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		41.85 C	0.00	0.00	0.00
4521	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.002	1
		51.51 C	0.00	0.00	0.00
4522	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		55.76 C	0.00	0.00	0.00
4523	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		59.27 C	0.00	0.00	0.00
4524	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		57.63 C	0.00	0.00	0.00
4525	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		58.52 C	0.00	0.00	0.00
4526	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		59.52 C	0.00	0.00	0.00
4527	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		60.96 C	0.00	0.00	0.00
4528	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		62.53 C	0.00	0.00	0.00
4529	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		60.45 C	0.00	0.00	0.00
4530	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		61.26 C	0.00	0.00	0.00
4531	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		63.16 C	0.00	0.00	0.00
4532	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		61.93 C	0.00	0.00	0.00
4533	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.003	1
		60.85 C	0.00	0.00	0.00
4534	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		15.27 C	0.00	0.00	0.00
4535	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.001	1
		14.72 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
4536	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		2.25 T	0.00	0.00	0.00
4537	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		5.94 T	0.00	0.00	0.00
4538	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		7.60 T	0.00	0.00	0.00
4539	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		8.11 T	0.00	0.00	0.00
4540	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		7.95 T	0.00	0.00	0.00
4541	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		0.74 T	0.00	0.00	0.00
4542	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.74 C	0.00	0.00	0.00
4543	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		3.92 C	0.00	0.00	0.00
4544	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		3.93 T	0.00	0.00	0.00
4545	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		5.20 C	0.00	0.00	0.00
4546	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		5.21 T	0.00	0.00	0.00
4547	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		4.95 C	0.00	0.00	0.00
4548	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		4.95 T	0.00	0.00	0.00
4549	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		3.31 C	0.00	0.00	0.00
4550	ST	PIP E	(AISC SECTIONS)		
		PASS	TENSION	0.000	1
		3.31 T	0.00	0.00	0.00
4551	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
4600	ST	PIP E	(AISC SECTIONS)		
		PASS	AISC- H1-3	0.014	1
		90.51 C	0.00	0.00	0.00

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MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
4601	ST PIP E	PASS	(AISC SECTIONS)		
		94.07 C	AISC- H1-3	0.014	1
			0.00	0.00	0.00
4602	ST PIP E	PASS	(AISC SECTIONS)		
		97.85 C	AISC- H1-3	0.015	1
			0.00	0.00	0.00
4603	ST PIP E	PASS	(AISC SECTIONS)		
		104.15 C	AISC- H1-3	0.016	1
			0.00	0.00	0.00
4604	ST PIP E	PASS	(AISC SECTIONS)		
		111.44 C	AISC- H1-3	0.017	1
			0.00	0.00	0.00
4605	ST PIP E	PASS	(AISC SECTIONS)		
		94.87 C	AISC- H1-3	0.015	1
			0.00	0.00	0.00
4606	ST PIP E	PASS	(AISC SECTIONS)		
		87.80 C	AISC- H1-3	0.013	1
			0.00	0.00	0.00
4607	ST PIP E	PASS	(AISC SECTIONS)		
		80.68 C	AISC- H1-3	0.012	1
			0.00	0.00	0.00
4608	ST PIP E	PASS	(AISC SECTIONS)		
		74.01 C	AISC- H1-3	0.011	1
			0.00	0.00	0.00
4609	ST PIP E	PASS	(AISC SECTIONS)		
		65.53 C	AISC- H1-3	0.010	1
			0.00	0.00	0.00
4610	ST PIP E	PASS	(AISC SECTIONS)		
		26.87 C	AISC- H1-3	0.004	1
			0.00	0.00	0.00
4611	ST PIP E	PASS	(AISC SECTIONS)		
		775.13 C	AISC- H1-3	0.106	1
			0.00	0.00	0.00
4612	ST PIP E	PASS	(AISC SECTIONS)		
		282.97 C	AISC- H1-3	0.041	1
			0.00	0.00	0.00
4613	ST PIP E	PASS	(AISC SECTIONS)		
		681.37 C	AISC- H1-3	0.093	1
			0.00	0.00	0.00
4614	ST PIP E	PASS	(AISC SECTIONS)		
		241.05 C	AISC- H1-3	0.035	1
			0.00	0.00	0.00
4615	ST PIP E	PASS	(AISC SECTIONS)		
		628.55 C	AISC- H1-3	0.086	1
			0.00	0.00	0.00
4616	ST PIP E	PASS	(AISC SECTIONS)		
		1076.01 C	AISC- H1-3	0.144	1
			0.00	0.00	0.00
4617	ST PIP E	PASS	(AISC SECTIONS)		
		222.84 C	AISC- H1-3	0.039	1
			0.00	0.00	0.00

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

IBI, INC.

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 187

ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
4618	ST PIP E	PASS	(AISC SECTIONS)		
		1090.74 C	AISC- H1-3	0.146	1
			0.00	0.00	0.00
4619	ST PIP E	PASS	(AISC SECTIONS)		
		262.05 C	AISC- H1-3	0.045	1
			0.00	0.00	0.00
4620	ST PIP E	PASS	(AISC SECTIONS)		
		1175.38 C	AISC- H1-1	0.158	1
			0.00	0.00	0.00
4621	ST PIP E	PASS	(AISC SECTIONS)		
		624.92 C	AISC- H1-3	0.085	1
			0.00	0.00	0.00
4622	ST PIP E	PASS	(AISC SECTIONS)		
		266.47 C	AISC- H1-3	0.039	1
			0.00	0.00	0.00
4623	ST PIP E	PASS	(AISC SECTIONS)		
		678.75 C	AISC- H1-3	0.093	1
			0.00	0.00	0.00
4624	ST PIP E	PASS	(AISC SECTIONS)		
		257.73 C	AISC- H1-3	0.037	1
			0.00	0.00	0.00
4625	ST PIP E	PASS	(AISC SECTIONS)		
		771.12 C	AISC- H1-3	0.105	1
			0.00	0.00	0.00
4626	ST PIP E	PASS	(AISC SECTIONS)		
		1079.99 C	AISC- H1-3	0.145	1
			0.00	0.00	0.00
4627	ST PIP E	PASS	(AISC SECTIONS)		
		205.33 C	AISC- H1-3	0.036	1
			0.00	0.00	0.00
4628	ST PIP E	PASS	(AISC SECTIONS)		
		1094.49 C	AISC- H1-3	0.147	1
			0.00	0.00	0.00
4629	ST PIP E	PASS	(AISC SECTIONS)		
		255.40 C	AISC- H1-3	0.044	1
			0.00	0.00	0.00
4630	ST PIP E	PASS	(AISC SECTIONS)		
		1186.40 C	AISC- H1-1	0.159	1
			0.00	0.00	0.00
4631	ST PIP E	PASS	(AISC SECTIONS)		
		234.66 C	AISC- H1-3	0.034	1
			0.00	0.00	0.00
4632	ST PIP E	PASS	(AISC SECTIONS)		
		277.39 C	AISC- H1-3	0.040	1
			0.00	0.00	0.00
4633	ST PIP E	PASS	(AISC SECTIONS)		
		298.56 C	AISC- H1-3	0.043	1
			0.00	0.00	0.00
4634	ST PIP E	PASS	(AISC SECTIONS)		
		259.25 C	AISC- H1-3	0.038	1
			0.00	0.00	0.00

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

IBI, INC.

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 188

ALL UNITS ARE - POUN INCH (UNLESS OTHERWISE NOTED)

MEMBER	TABLE	RESULT/ FX	CRITICAL COND/ MY	RATIO/ MZ	LOADING/ LOCATION
4635	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.039	1
		267.51 C	0.00	0.00	0.00
4636	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.044	1
		303.73 C	0.00	0.00	0.00
5676	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.017	1
		123.54 C	0.00	0.00	0.00
5677	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.017	1
		129.74 C	0.00	0.00	0.00
5678	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.018	1
		136.67 C	0.00	0.00	0.00
5679	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.036	1
		267.02 C	0.00	0.00	0.00
6641	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00
6642	ST PIP E		(AISC SECTIONS)		
		PASS	AISC- H1-3	0.000	1
		0.00 T	0.00	0.00	0.00

1474. PRINT MEMBER FORCES ALL

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 189

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1	1	89	4.55	0.00	0.00	0.00	0.00	0.00
		68	-4.55	0.00	0.00	0.00	0.00	0.00
2	1	68	21.19	0.00	0.00	0.00	0.00	0.00
		90	-21.19	0.00	0.00	0.00	0.00	0.00
3	1	90	63.86	0.00	0.00	0.00	0.00	0.00
		69	-63.86	0.00	0.00	0.00	0.00	0.00
4	1	69	-40.89	0.00	0.00	0.00	0.00	0.00
		91	40.89	0.00	0.00	0.00	0.00	0.00
5	1	91	40.02	0.00	0.00	0.00	0.00	0.00
		70	-40.02	0.00	0.00	0.00	0.00	0.00
6	1	70	-66.95	0.00	0.00	0.00	0.00	0.00
		92	66.95	0.00	0.00	0.00	0.00	0.00
7	1	92	-73.19	0.00	0.00	0.00	0.00	0.00
		71	73.19	0.00	0.00	0.00	0.00	0.00
8	1	71	38.75	0.00	0.00	0.00	0.00	0.00
		93	-38.75	0.00	0.00	0.00	0.00	0.00
9	1	93	-122.84	0.00	0.00	0.00	0.00	0.00
		72	122.84	0.00	0.00	0.00	0.00	0.00
10	1	72	139.67	0.00	0.00	0.00	0.00	0.00
		94	-139.67	0.00	0.00	0.00	0.00	0.00
11	1	94	-152.10	0.00	0.00	0.00	0.00	0.00
		73	152.10	0.00	0.00	0.00	0.00	0.00
12	1	73	161.00	0.00	0.00	0.00	0.00	0.00
		95	-161.00	0.00	0.00	0.00	0.00	0.00
13	1	95	-162.42	0.00	0.00	0.00	0.00	0.00
		74	162.42	0.00	0.00	0.00	0.00	0.00
14	1	74	159.70	0.00	0.00	0.00	0.00	0.00
		96	-159.70	0.00	0.00	0.00	0.00	0.00
15	1	96	-159.29	0.00	0.00	0.00	0.00	0.00
		75	159.29	0.00	0.00	0.00	0.00	0.00
16	1	75	141.00	0.00	0.00	0.00	0.00	0.00
		97	-141.00	0.00	0.00	0.00	0.00	0.00
17	1	97	-129.59	0.00	0.00	0.00	0.00	0.00
		76	129.59	0.00	0.00	0.00	0.00	0.00

IBI, INC. **STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF**

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 190

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
18	1	76 98	79.25 -79.25	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
19	1	98 77	-15.50 15.50	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
20	1	77 99	22.57 -22.57	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
21	1	99 78	186.96 -186.96	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
22	1	78 100	-168.20 168.20	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
23	1	100 79	245.18 -245.18	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
24	1	79 101	-234.07 234.07	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
25	1	101 80	186.89 -186.89	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
26	1	80 102	-249.90 249.90	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
27	1	103 68	2.52 -2.52	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
28	1	68 104	22.74 -22.74	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
29	1	104 69	61.35 -61.35	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
30	1	69 105	-31.84 31.84	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
31	1	105 70	45.41 -45.41	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
32	1	70 106	-29.67 29.67	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
33	1	106 71	-37.10 37.10	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
34	1	77 107	34.82 -34.82	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
35	1	107 78	201.95 -201.95	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 191

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
36	1	78	-149.09	0.00	0.00	0.00	0.00	0.00
		108	149.09	0.00	0.00	0.00	0.00	0.00
37	1	108	237.76	0.00	0.00	0.00	0.00	0.00
		79	-237.76	0.00	0.00	0.00	0.00	0.00
38	1	79	-238.09	0.00	0.00	0.00	0.00	0.00
		109	238.09	0.00	0.00	0.00	0.00	0.00
39	1	109	167.31	0.00	0.00	0.00	0.00	0.00
		80	-167.31	0.00	0.00	0.00	0.00	0.00
40	1	80	-183.58	0.00	0.00	0.00	0.00	0.00
		110	183.58	0.00	0.00	0.00	0.00	0.00
41	1	103	0.49	0.00	0.00	0.00	0.00	0.00
		81	-0.49	0.00	0.00	0.00	0.00	0.00
42	1	81	24.62	0.00	0.00	0.00	0.00	0.00
		104	-24.62	0.00	0.00	0.00	0.00	0.00
43	1	104	57.22	0.00	0.00	0.00	0.00	0.00
		82	-57.22	0.00	0.00	0.00	0.00	0.00
44	1	82	-30.33	0.00	0.00	0.00	0.00	0.00
		105	30.33	0.00	0.00	0.00	0.00	0.00
45	1	105	47.87	0.00	0.00	0.00	0.00	0.00
		83	-47.87	0.00	0.00	0.00	0.00	0.00
46	1	83	-24.34	0.00	0.00	0.00	0.00	0.00
		106	24.34	0.00	0.00	0.00	0.00	0.00
47	1	106	-33.90	0.00	0.00	0.00	0.00	0.00
		84	33.90	0.00	0.00	0.00	0.00	0.00
48	1	85	-3.04	0.00	0.00	0.00	0.00	0.00
		107	3.04	0.00	0.00	0.00	0.00	0.00
49	1	107	168.17	0.00	0.00	0.00	0.00	0.00
		86	-168.17	0.00	0.00	0.00	0.00	0.00
50	1	86	-161.70	0.00	0.00	0.00	0.00	0.00
		108	161.70	0.00	0.00	0.00	0.00	0.00
51	1	108	231.05	0.00	0.00	0.00	0.00	0.00
		87	-231.05	0.00	0.00	0.00	0.00	0.00
52	1	87	-233.23	0.00	0.00	0.00	0.00	0.00
		109	233.23	0.00	0.00	0.00	0.00	0.00
53	1	109	179.55	0.00	0.00	0.00	0.00	0.00
		88	-179.55	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

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SMALL BUILDING TWO STY; 22 X 40

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MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
54	1	88	-163.33	0.00	0.00	0.00	0.00	0.00
		110	163.33	0.00	0.00	0.00	0.00	0.00
55	1	84	80.70	0.00	0.00	0.00	0.00	0.00
		111	-80.70	0.00	0.00	0.00	0.00	0.00
56	1	111	-101.07	0.00	0.00	0.00	0.00	0.00
		72	101.07	0.00	0.00	0.00	0.00	0.00
57	1	72	132.52	0.00	0.00	0.00	0.00	0.00
		112	-132.52	0.00	0.00	0.00	0.00	0.00
58	1	112	-149.07	0.00	0.00	0.00	0.00	0.00
		73	149.07	0.00	0.00	0.00	0.00	0.00
59	1	73	154.10	0.00	0.00	0.00	0.00	0.00
		113	-154.10	0.00	0.00	0.00	0.00	0.00
60	1	113	-155.46	0.00	0.00	0.00	0.00	0.00
		74	155.46	0.00	0.00	0.00	0.00	0.00
61	1	74	157.60	0.00	0.00	0.00	0.00	0.00
		114	-157.60	0.00	0.00	0.00	0.00	0.00
62	1	114	-148.57	0.00	0.00	0.00	0.00	0.00
		75	148.57	0.00	0.00	0.00	0.00	0.00
63	1	75	147.46	0.00	0.00	0.00	0.00	0.00
		115	-147.46	0.00	0.00	0.00	0.00	0.00
64	1	115	-116.17	0.00	0.00	0.00	0.00	0.00
		76	116.17	0.00	0.00	0.00	0.00	0.00
65	1	76	93.59	0.00	0.00	0.00	0.00	0.00
		116	-93.59	0.00	0.00	0.00	0.00	0.00
66	1	116	-19.58	0.00	0.00	0.00	0.00	0.00
		85	19.58	0.00	0.00	0.00	0.00	0.00
67	1	81	-0.47	0.00	0.00	0.00	0.00	0.00
		117	0.47	0.00	0.00	0.00	0.00	0.00
68	1	81	21.82	0.00	0.00	0.00	0.00	0.00
		118	-21.82	0.00	0.00	0.00	0.00	0.00
69	1	118	52.42	0.00	0.00	0.00	0.00	0.00
		82	-52.42	0.00	0.00	0.00	0.00	0.00
70	1	82	-27.69	0.00	0.00	0.00	0.00	0.00
		119	27.69	0.00	0.00	0.00	0.00	0.00
71	1	119	50.89	0.00	0.00	0.00	0.00	0.00
		83	-50.89	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

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SMALL BUILDING TWO STY; 22 X 40

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MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
72	1	83 120	-99.57 99.57	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
73	1	120 84	-100.24 100.24	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
74	1	85 121	82.35 -82.35	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
75	1	121 86	191.17 -191.17	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
76	1	86 122	-145.15 145.15	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
77	1	122 87	234.66 -234.66	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
78	1	87 123	-221.49 221.49	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
79	1	123 88	178.80 -178.80	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
80	1	88 124	-260.42 260.42	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
81	1	117 125	-0.94 0.94	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
82	1	125 118	26.68 -26.68	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
83	1	118 126	54.86 -54.86	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
84	1	126 119	-24.05 24.05	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
85	1	119 127	52.29 -52.29	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
86	1	127 120	-96.24 96.24	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
87	1	120 128	-97.49 97.49	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
88	1	128 111	83.86 -83.86	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
89	1	111 129	-93.42 93.42	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

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SMALL BUILDING TWO STY; 22 X 40

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MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
90	1	129	135.31	0.00	0.00	0.00	0.00	0.00
		112	-135.31	0.00	0.00	0.00	0.00	0.00
91	1	112	-142.71	0.00	0.00	0.00	0.00	0.00
		130	142.71	0.00	0.00	0.00	0.00	0.00
92	1	130	151.94	0.00	0.00	0.00	0.00	0.00
		113	-151.94	0.00	0.00	0.00	0.00	0.00
93	1	113	-152.97	0.00	0.00	0.00	0.00	0.00
		131	152.97	0.00	0.00	0.00	0.00	0.00
94	1	131	150.60	0.00	0.00	0.00	0.00	0.00
		114	-150.60	0.00	0.00	0.00	0.00	0.00
95	1	114	-153.88	0.00	0.00	0.00	0.00	0.00
		132	153.88	0.00	0.00	0.00	0.00	0.00
96	1	132	135.75	0.00	0.00	0.00	0.00	0.00
		115	-135.75	0.00	0.00	0.00	0.00	0.00
97	1	115	-135.00	0.00	0.00	0.00	0.00	0.00
		133	135.00	0.00	0.00	0.00	0.00	0.00
98	1	133	73.41	0.00	0.00	0.00	0.00	0.00
		116	-73.41	0.00	0.00	0.00	0.00	0.00
99	1	116	-43.88	0.00	0.00	0.00	0.00	0.00
		134	43.88	0.00	0.00	0.00	0.00	0.00
100	1	134	60.87	0.00	0.00	0.00	0.00	0.00
		121	-60.87	0.00	0.00	0.00	0.00	0.00
101	1	121	169.78	0.00	0.00	0.00	0.00	0.00
		135	-169.78	0.00	0.00	0.00	0.00	0.00
102	1	135	-160.48	0.00	0.00	0.00	0.00	0.00
		122	160.48	0.00	0.00	0.00	0.00	0.00
103	1	122	227.42	0.00	0.00	0.00	0.00	0.00
		136	-227.42	0.00	0.00	0.00	0.00	0.00
104	1	136	-221.37	0.00	0.00	0.00	0.00	0.00
		123	221.37	0.00	0.00	0.00	0.00	0.00
105	1	123	185.03	0.00	0.00	0.00	0.00	0.00
		137	-185.03	0.00	0.00	0.00	0.00	0.00
106	1	137	-250.97	0.00	0.00	0.00	0.00	0.00
		124	250.97	0.00	0.00	0.00	0.00	0.00
107	1	146	-1.26	0.00	0.00	0.00	0.00	0.00
		125	1.26	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 195

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
108	1	125	21.67	0.00	0.00	0.00	0.00	0.00
		147	-21.67	0.00	0.00	0.00	0.00	0.00
109	1	147	49.71	0.00	0.00	0.00	0.00	0.00
		126	-49.71	0.00	0.00	0.00	0.00	0.00
110	1	126	-30.60	0.00	0.00	0.00	0.00	0.00
		148	30.60	0.00	0.00	0.00	0.00	0.00
111	1	148	44.63	0.00	0.00	0.00	0.00	0.00
		127	-44.63	0.00	0.00	0.00	0.00	0.00
112	1	127	-14.56	0.00	0.00	0.00	0.00	0.00
		149	14.56	0.00	0.00	0.00	0.00	0.00
113	1	149	-26.93	0.00	0.00	0.00	0.00	0.00
		128	26.93	0.00	0.00	0.00	0.00	0.00
114	1	134	24.65	0.00	0.00	0.00	0.00	0.00
		150	-24.65	0.00	0.00	0.00	0.00	0.00
115	1	150	188.89	0.00	0.00	0.00	0.00	0.00
		135	-188.89	0.00	0.00	0.00	0.00	0.00
116	1	135	-149.19	0.00	0.00	0.00	0.00	0.00
		151	149.19	0.00	0.00	0.00	0.00	0.00
117	1	151	228.46	0.00	0.00	0.00	0.00	0.00
		136	-228.46	0.00	0.00	0.00	0.00	0.00
118	1	136	-227.75	0.00	0.00	0.00	0.00	0.00
		152	227.75	0.00	0.00	0.00	0.00	0.00
119	1	152	170.92	0.00	0.00	0.00	0.00	0.00
		137	-170.92	0.00	0.00	0.00	0.00	0.00
120	1	137	-167.12	0.00	0.00	0.00	0.00	0.00
		153	167.12	0.00	0.00	0.00	0.00	0.00
121	1	146	-1.32	0.00	0.00	0.00	0.00	0.00
		138	1.32	0.00	0.00	0.00	0.00	0.00
122	1	138	26.50	0.00	0.00	0.00	0.00	0.00
		147	-26.50	0.00	0.00	0.00	0.00	0.00
123	1	147	53.20	0.00	0.00	0.00	0.00	0.00
		139	-53.20	0.00	0.00	0.00	0.00	0.00
124	1	139	-24.71	0.00	0.00	0.00	0.00	0.00
		148	24.71	0.00	0.00	0.00	0.00	0.00
125	1	148	51.10	0.00	0.00	0.00	0.00	0.00
		140	-51.10	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 196

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
126	1	140	-7.61	0.00	0.00	0.00	0.00	0.00
		149	7.61	0.00	0.00	0.00	0.00	0.00
127	1	149	-17.38	0.00	0.00	0.00	0.00	0.00
		141	17.38	0.00	0.00	0.00	0.00	0.00
128	1	142	9.90	0.00	0.00	0.00	0.00	0.00
		150	-9.90	0.00	0.00	0.00	0.00	0.00
129	1	150	175.68	0.00	0.00	0.00	0.00	0.00
		143	-175.68	0.00	0.00	0.00	0.00	0.00
130	1	143	-160.18	0.00	0.00	0.00	0.00	0.00
		151	160.18	0.00	0.00	0.00	0.00	0.00
131	1	151	221.74	0.00	0.00	0.00	0.00	0.00
		144	-221.74	0.00	0.00	0.00	0.00	0.00
132	1	144	-232.69	0.00	0.00	0.00	0.00	0.00
		152	232.69	0.00	0.00	0.00	0.00	0.00
133	1	152	171.30	0.00	0.00	0.00	0.00	0.00
		145	-171.30	0.00	0.00	0.00	0.00	0.00
134	1	145	-165.09	0.00	0.00	0.00	0.00	0.00
		153	165.09	0.00	0.00	0.00	0.00	0.00
135	1	141	73.66	0.00	0.00	0.00	0.00	0.00
		154	-73.66	0.00	0.00	0.00	0.00	0.00
136	1	154	-102.48	0.00	0.00	0.00	0.00	0.00
		129	102.48	0.00	0.00	0.00	0.00	0.00
137	1	129	124.59	0.00	0.00	0.00	0.00	0.00
		155	-124.59	0.00	0.00	0.00	0.00	0.00
138	1	155	-145.83	0.00	0.00	0.00	0.00	0.00
		130	145.83	0.00	0.00	0.00	0.00	0.00
139	1	130	144.91	0.00	0.00	0.00	0.00	0.00
		156	-144.91	0.00	0.00	0.00	0.00	0.00
140	1	156	-148.47	0.00	0.00	0.00	0.00	0.00
		131	148.47	0.00	0.00	0.00	0.00	0.00
141	1	131	149.82	0.00	0.00	0.00	0.00	0.00
		157	-149.82	0.00	0.00	0.00	0.00	0.00
142	1	157	-143.97	0.00	0.00	0.00	0.00	0.00
		132	143.97	0.00	0.00	0.00	0.00	0.00
143	1	132	144.26	0.00	0.00	0.00	0.00	0.00
		158	-144.26	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 197

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
144	1	158	-122.16	0.00	0.00	0.00	0.00	0.00
		133	122.16	0.00	0.00	0.00	0.00	0.00
145	1	133	92.18	0.00	0.00	0.00	0.00	0.00
		159	-92.18	0.00	0.00	0.00	0.00	0.00
146	1	159	-32.12	0.00	0.00	0.00	0.00	0.00
		142	32.12	0.00	0.00	0.00	0.00	0.00
147	1	138	-0.93	0.00	0.00	0.00	0.00	0.00
		160	0.93	0.00	0.00	0.00	0.00	0.00
148	1	138	25.05	0.00	0.00	0.00	0.00	0.00
		161	-25.05	0.00	0.00	0.00	0.00	0.00
149	1	161	51.26	0.00	0.00	0.00	0.00	0.00
		139	-51.26	0.00	0.00	0.00	0.00	0.00
150	1	139	-29.22	0.00	0.00	0.00	0.00	0.00
		162	29.22	0.00	0.00	0.00	0.00	0.00
151	1	162	44.90	0.00	0.00	0.00	0.00	0.00
		140	-44.90	0.00	0.00	0.00	0.00	0.00
152	1	140	-106.08	0.00	0.00	0.00	0.00	0.00
		163	106.08	0.00	0.00	0.00	0.00	0.00
153	1	163	-105.30	0.00	0.00	0.00	0.00	0.00
		141	105.30	0.00	0.00	0.00	0.00	0.00
154	1	142	85.53	0.00	0.00	0.00	0.00	0.00
		164	-85.53	0.00	0.00	0.00	0.00	0.00
155	1	164	186.34	0.00	0.00	0.00	0.00	0.00
		143	-186.34	0.00	0.00	0.00	0.00	0.00
156	1	143	-146.07	0.00	0.00	0.00	0.00	0.00
		165	146.07	0.00	0.00	0.00	0.00	0.00
157	1	165	232.38	0.00	0.00	0.00	0.00	0.00
		144	-232.38	0.00	0.00	0.00	0.00	0.00
158	1	144	-216.73	0.00	0.00	0.00	0.00	0.00
		166	216.73	0.00	0.00	0.00	0.00	0.00
159	1	166	182.17	0.00	0.00	0.00	0.00	0.00
		145	-182.17	0.00	0.00	0.00	0.00	0.00
160	1	145	-253.83	0.00	0.00	0.00	0.00	0.00
		167	253.83	0.00	0.00	0.00	0.00	0.00
161	1	160	-2.43	0.00	0.00	0.00	0.00	0.00
		168	2.43	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 198

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
162	1	168	29.20	0.00	0.00	0.00	0.00	0.00
		161	-29.20	0.00	0.00	0.00	0.00	0.00
163	1	161	53.68	0.00	0.00	0.00	0.00	0.00
		169	-53.68	0.00	0.00	0.00	0.00	0.00
164	1	169	-25.61	0.00	0.00	0.00	0.00	0.00
		162	25.61	0.00	0.00	0.00	0.00	0.00
165	1	162	53.72	0.00	0.00	0.00	0.00	0.00
		170	-53.72	0.00	0.00	0.00	0.00	0.00
166	1	170	-96.45	0.00	0.00	0.00	0.00	0.00
		163	96.45	0.00	0.00	0.00	0.00	0.00
167	1	163	-90.41	0.00	0.00	0.00	0.00	0.00
		171	90.41	0.00	0.00	0.00	0.00	0.00
168	1	171	89.00	0.00	0.00	0.00	0.00	0.00
		154	-89.00	0.00	0.00	0.00	0.00	0.00
169	1	154	-91.40	0.00	0.00	0.00	0.00	0.00
		172	91.40	0.00	0.00	0.00	0.00	0.00
170	1	172	135.13	0.00	0.00	0.00	0.00	0.00
		155	-135.13	0.00	0.00	0.00	0.00	0.00
171	1	155	-137.24	0.00	0.00	0.00	0.00	0.00
		173	137.24	0.00	0.00	0.00	0.00	0.00
172	1	173	144.48	0.00	0.00	0.00	0.00	0.00
		156	-144.48	0.00	0.00	0.00	0.00	0.00
173	1	156	-144.34	0.00	0.00	0.00	0.00	0.00
		174	144.34	0.00	0.00	0.00	0.00	0.00
174	1	174	143.77	0.00	0.00	0.00	0.00	0.00
		157	-143.77	0.00	0.00	0.00	0.00	0.00
175	1	157	-144.54	0.00	0.00	0.00	0.00	0.00
		175	144.54	0.00	0.00	0.00	0.00	0.00
176	1	175	136.09	0.00	0.00	0.00	0.00	0.00
		158	-136.09	0.00	0.00	0.00	0.00	0.00
177	1	158	-125.66	0.00	0.00	0.00	0.00	0.00
		176	125.66	0.00	0.00	0.00	0.00	0.00
178	1	176	92.97	0.00	0.00	0.00	0.00	0.00
		159	-92.97	0.00	0.00	0.00	0.00	0.00
179	1	159	-37.23	0.00	0.00	0.00	0.00	0.00
		177	37.23	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 199

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
180	1	177	85.14	0.00	0.00	0.00	0.00	0.00
		164	-85.14	0.00	0.00	0.00	0.00	0.00
181	1	164	185.12	0.00	0.00	0.00	0.00	0.00
		178	-185.12	0.00	0.00	0.00	0.00	0.00
182	1	178	-146.08	0.00	0.00	0.00	0.00	0.00
		165	146.08	0.00	0.00	0.00	0.00	0.00
183	1	165	227.11	0.00	0.00	0.00	0.00	0.00
		179	-227.11	0.00	0.00	0.00	0.00	0.00
184	1	179	-222.74	0.00	0.00	0.00	0.00	0.00
		166	222.74	0.00	0.00	0.00	0.00	0.00
185	1	166	177.66	0.00	0.00	0.00	0.00	0.00
		180	-177.66	0.00	0.00	0.00	0.00	0.00
186	1	180	-255.77	0.00	0.00	0.00	0.00	0.00
		167	255.77	0.00	0.00	0.00	0.00	0.00
187	1	189	-1.08	0.00	0.00	0.00	0.00	0.00
		168	1.08	0.00	0.00	0.00	0.00	0.00
188	1	168	29.43	0.00	0.00	0.00	0.00	0.00
		190	-29.43	0.00	0.00	0.00	0.00	0.00
189	1	190	52.19	0.00	0.00	0.00	0.00	0.00
		169	-52.19	0.00	0.00	0.00	0.00	0.00
190	1	169	-32.43	0.00	0.00	0.00	0.00	0.00
		191	32.43	0.00	0.00	0.00	0.00	0.00
191	1	191	42.77	0.00	0.00	0.00	0.00	0.00
		170	-42.77	0.00	0.00	0.00	0.00	0.00
192	1	170	-36.71	0.00	0.00	0.00	0.00	0.00
		192	36.71	0.00	0.00	0.00	0.00	0.00
193	1	192	-43.50	0.00	0.00	0.00	0.00	0.00
		171	43.50	0.00	0.00	0.00	0.00	0.00
194	1	177	28.86	0.00	0.00	0.00	0.00	0.00
		193	-28.86	0.00	0.00	0.00	0.00	0.00
195	1	193	179.04	0.00	0.00	0.00	0.00	0.00
		178	-179.04	0.00	0.00	0.00	0.00	0.00
196	1	178	-140.22	0.00	0.00	0.00	0.00	0.00
		194	140.22	0.00	0.00	0.00	0.00	0.00
197	1	194	232.92	0.00	0.00	0.00	0.00	0.00
		179	-232.92	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 200

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
198	1	179	-224.11	0.00	0.00	0.00	0.00	0.00
		195	224.11	0.00	0.00	0.00	0.00	0.00
199	1	195	174.42	0.00	0.00	0.00	0.00	0.00
		180	-174.42	0.00	0.00	0.00	0.00	0.00
200	1	180	-168.26	0.00	0.00	0.00	0.00	0.00
		196	168.26	0.00	0.00	0.00	0.00	0.00
201	1	189	-16.43	0.00	0.00	0.00	0.00	0.00
		181	16.43	0.00	0.00	0.00	0.00	0.00
202	1	181	20.41	0.00	0.00	0.00	0.00	0.00
		190	-20.41	0.00	0.00	0.00	0.00	0.00
203	1	190	40.47	0.00	0.00	0.00	0.00	0.00
		182	-40.47	0.00	0.00	0.00	0.00	0.00
204	1	182	-43.66	0.00	0.00	0.00	0.00	0.00
		191	43.66	0.00	0.00	0.00	0.00	0.00
205	1	191	52.76	0.00	0.00	0.00	0.00	0.00
		183	-52.76	0.00	0.00	0.00	0.00	0.00
206	1	183	-26.25	0.00	0.00	0.00	0.00	0.00
		192	26.25	0.00	0.00	0.00	0.00	0.00
207	1	192	-8.41	0.00	0.00	0.00	0.00	0.00
		184	8.41	0.00	0.00	0.00	0.00	0.00
208	1	185	46.64	0.00	0.00	0.00	0.00	0.00
		193	-46.64	0.00	0.00	0.00	0.00	0.00
209	1	193	181.53	0.00	0.00	0.00	0.00	0.00
		186	-181.53	0.00	0.00	0.00	0.00	0.00
210	1	186	-145.49	0.00	0.00	0.00	0.00	0.00
		194	145.49	0.00	0.00	0.00	0.00	0.00
211	1	194	219.79	0.00	0.00	0.00	0.00	0.00
		187	-219.79	0.00	0.00	0.00	0.00	0.00
212	1	187	-232.01	0.00	0.00	0.00	0.00	0.00
		195	232.01	0.00	0.00	0.00	0.00	0.00
213	1	195	178.88	0.00	0.00	0.00	0.00	0.00
		188	-178.88	0.00	0.00	0.00	0.00	0.00
214	1	188	-160.47	0.00	0.00	0.00	0.00	0.00
		196	160.47	0.00	0.00	0.00	0.00	0.00
215	1	184	49.65	0.00	0.00	0.00	0.00	0.00
		197	-49.65	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 201

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
216	1	197	-129.41	0.00	0.00	0.00	0.00	0.00
		172	129.41	0.00	0.00	0.00	0.00	0.00
217	1	172	125.84	0.00	0.00	0.00	0.00	0.00
		198	-125.84	0.00	0.00	0.00	0.00	0.00
218	1	198	-142.94	0.00	0.00	0.00	0.00	0.00
		173	142.94	0.00	0.00	0.00	0.00	0.00
219	1	173	139.89	0.00	0.00	0.00	0.00	0.00
		199	-139.89	0.00	0.00	0.00	0.00	0.00
220	1	199	-142.72	0.00	0.00	0.00	0.00	0.00
		174	142.72	0.00	0.00	0.00	0.00	0.00
221	1	174	143.25	0.00	0.00	0.00	0.00	0.00
		200	-143.25	0.00	0.00	0.00	0.00	0.00
222	1	200	-139.87	0.00	0.00	0.00	0.00	0.00
		175	139.87	0.00	0.00	0.00	0.00	0.00
223	1	175	139.54	0.00	0.00	0.00	0.00	0.00
		201	-139.54	0.00	0.00	0.00	0.00	0.00
224	1	201	-121.38	0.00	0.00	0.00	0.00	0.00
		176	121.38	0.00	0.00	0.00	0.00	0.00
225	1	176	89.60	0.00	0.00	0.00	0.00	0.00
		202	-89.60	0.00	0.00	0.00	0.00	0.00
226	1	202	-46.41	0.00	0.00	0.00	0.00	0.00
		185	46.41	0.00	0.00	0.00	0.00	0.00
227	1	181	-17.37	0.00	0.00	0.00	0.00	0.00
		203	17.37	0.00	0.00	0.00	0.00	0.00
228	1	181	69.34	0.00	0.00	0.00	0.00	0.00
		204	-69.34	0.00	0.00	0.00	0.00	0.00
229	1	204	84.62	0.00	0.00	0.00	0.00	0.00
		182	-84.62	0.00	0.00	0.00	0.00	0.00
230	1	182	-49.11	0.00	0.00	0.00	0.00	0.00
		205	49.11	0.00	0.00	0.00	0.00	0.00
231	1	205	48.05	0.00	0.00	0.00	0.00	0.00
		183	-48.05	0.00	0.00	0.00	0.00	0.00
232	1	183	-79.30	0.00	0.00	0.00	0.00	0.00
		206	79.30	0.00	0.00	0.00	0.00	0.00
233	1	206	-61.56	0.00	0.00	0.00	0.00	0.00
		184	61.56	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 202

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
234	1	185	-26.24	0.00	0.00	0.00	0.00	0.00
		207	26.24	0.00	0.00	0.00	0.00	0.00
235	1	207	101.88	0.00	0.00	0.00	0.00	0.00
		186	-101.88	0.00	0.00	0.00	0.00	0.00
236	1	186	-126.96	0.00	0.00	0.00	0.00	0.00
		208	126.96	0.00	0.00	0.00	0.00	0.00
237	1	208	248.76	0.00	0.00	0.00	0.00	0.00
		187	-248.76	0.00	0.00	0.00	0.00	0.00
238	1	187	-222.37	0.00	0.00	0.00	0.00	0.00
		209	222.37	0.00	0.00	0.00	0.00	0.00
239	1	209	191.55	0.00	0.00	0.00	0.00	0.00
		188	-191.55	0.00	0.00	0.00	0.00	0.00
240	1	188	-228.61	0.00	0.00	0.00	0.00	0.00
		210	228.61	0.00	0.00	0.00	0.00	0.00
241	1	102	-56.92	0.00	0.00	0.00	0.00	0.00
		217	56.92	0.00	0.00	0.00	0.00	0.00
242	1	217	-2.74	0.00	0.00	0.00	0.00	0.00
		223	2.74	0.00	0.00	0.00	0.00	0.00
243	1	223	-81.48	0.00	0.00	0.00	0.00	0.00
		218	81.48	0.00	0.00	0.00	0.00	0.00
244	1	218	106.24	0.00	0.00	0.00	0.00	0.00
		224	-106.24	0.00	0.00	0.00	0.00	0.00
245	1	224	-97.57	0.00	0.00	0.00	0.00	0.00
		219	97.57	0.00	0.00	0.00	0.00	0.00
246	1	219	97.00	0.00	0.00	0.00	0.00	0.00
		225	-97.00	0.00	0.00	0.00	0.00	0.00
247	1	110	1.95	0.00	0.00	0.00	0.00	0.00
		217	-1.95	0.00	0.00	0.00	0.00	0.00
248	1	217	-21.16	0.00	0.00	0.00	0.00	0.00
		226	21.16	0.00	0.00	0.00	0.00	0.00
249	1	226	-97.42	0.00	0.00	0.00	0.00	0.00
		218	97.42	0.00	0.00	0.00	0.00	0.00
250	1	218	115.56	0.00	0.00	0.00	0.00	0.00
		227	-115.56	0.00	0.00	0.00	0.00	0.00
251	1	227	-82.70	0.00	0.00	0.00	0.00	0.00
		219	82.70	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 203

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
252	1	219	120.89	0.00	0.00	0.00	0.00	0.00
		228	-120.89	0.00	0.00	0.00	0.00	0.00
253	1	110	19.13	0.00	0.00	0.00	0.00	0.00
		220	-19.13	0.00	0.00	0.00	0.00	0.00
254	1	220	-3.07	0.00	0.00	0.00	0.00	0.00
		226	3.07	0.00	0.00	0.00	0.00	0.00
255	1	226	-89.82	0.00	0.00	0.00	0.00	0.00
		221	89.82	0.00	0.00	0.00	0.00	0.00
256	1	221	119.78	0.00	0.00	0.00	0.00	0.00
		227	-119.78	0.00	0.00	0.00	0.00	0.00
257	1	227	-92.13	0.00	0.00	0.00	0.00	0.00
		222	92.13	0.00	0.00	0.00	0.00	0.00
258	1	222	108.52	0.00	0.00	0.00	0.00	0.00
		228	-108.52	0.00	0.00	0.00	0.00	0.00
259	1	124	-85.73	0.00	0.00	0.00	0.00	0.00
		220	85.73	0.00	0.00	0.00	0.00	0.00
260	1	220	6.44	0.00	0.00	0.00	0.00	0.00
		229	-6.44	0.00	0.00	0.00	0.00	0.00
261	1	229	-81.77	0.00	0.00	0.00	0.00	0.00
		221	81.77	0.00	0.00	0.00	0.00	0.00
262	1	221	116.32	0.00	0.00	0.00	0.00	0.00
		230	-116.32	0.00	0.00	0.00	0.00	0.00
263	1	230	-93.68	0.00	0.00	0.00	0.00	0.00
		222	93.68	0.00	0.00	0.00	0.00	0.00
264	1	222	106.71	0.00	0.00	0.00	0.00	0.00
		231	-106.71	0.00	0.00	0.00	0.00	0.00
265	1	124	-75.03	0.00	0.00	0.00	0.00	0.00
		232	75.03	0.00	0.00	0.00	0.00	0.00
266	1	232	18.94	0.00	0.00	0.00	0.00	0.00
		229	-18.94	0.00	0.00	0.00	0.00	0.00
267	1	229	-74.27	0.00	0.00	0.00	0.00	0.00
		233	74.27	0.00	0.00	0.00	0.00	0.00
268	1	233	125.03	0.00	0.00	0.00	0.00	0.00
		230	-125.03	0.00	0.00	0.00	0.00	0.00
269	1	230	-90.17	0.00	0.00	0.00	0.00	0.00
		234	90.17	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 204

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
270	1	234	111.38	0.00	0.00	0.00	0.00	0.00
		231	-111.38	0.00	0.00	0.00	0.00	0.00
271	1	153	5.54	0.00	0.00	0.00	0.00	0.00
		232	-5.54	0.00	0.00	0.00	0.00	0.00
272	1	232	-8.42	0.00	0.00	0.00	0.00	0.00
		238	8.42	0.00	0.00	0.00	0.00	0.00
273	1	238	-101.74	0.00	0.00	0.00	0.00	0.00
		233	101.74	0.00	0.00	0.00	0.00	0.00
274	1	233	118.07	0.00	0.00	0.00	0.00	0.00
		239	-118.07	0.00	0.00	0.00	0.00	0.00
275	1	239	-96.62	0.00	0.00	0.00	0.00	0.00
		234	96.62	0.00	0.00	0.00	0.00	0.00
276	1	234	103.14	0.00	0.00	0.00	0.00	0.00
		240	-103.14	0.00	0.00	0.00	0.00	0.00
277	1	153	10.60	0.00	0.00	0.00	0.00	0.00
		235	-10.60	0.00	0.00	0.00	0.00	0.00
278	1	235	-1.48	0.00	0.00	0.00	0.00	0.00
		238	1.48	0.00	0.00	0.00	0.00	0.00
279	1	238	-95.77	0.00	0.00	0.00	0.00	0.00
		236	95.77	0.00	0.00	0.00	0.00	0.00
280	1	236	126.31	0.00	0.00	0.00	0.00	0.00
		239	-126.31	0.00	0.00	0.00	0.00	0.00
281	1	239	-90.45	0.00	0.00	0.00	0.00	0.00
		237	90.45	0.00	0.00	0.00	0.00	0.00
282	1	237	111.05	0.00	0.00	0.00	0.00	0.00
		240	-111.05	0.00	0.00	0.00	0.00	0.00
283	1	167	-82.00	0.00	0.00	0.00	0.00	0.00
		235	82.00	0.00	0.00	0.00	0.00	0.00
284	1	235	11.11	0.00	0.00	0.00	0.00	0.00
		241	-11.11	0.00	0.00	0.00	0.00	0.00
285	1	241	-82.17	0.00	0.00	0.00	0.00	0.00
		236	82.17	0.00	0.00	0.00	0.00	0.00
286	1	236	117.45	0.00	0.00	0.00	0.00	0.00
		242	-117.45	0.00	0.00	0.00	0.00	0.00
287	1	242	-96.67	0.00	0.00	0.00	0.00	0.00
		237	96.67	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 205

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
288	1	237	103.12	0.00	0.00	0.00	0.00	0.00
		243	-103.12	0.00	0.00	0.00	0.00	0.00
289	1	167	-80.98	0.00	0.00	0.00	0.00	0.00
		244	80.98	0.00	0.00	0.00	0.00	0.00
290	1	244	13.65	0.00	0.00	0.00	0.00	0.00
		241	-13.65	0.00	0.00	0.00	0.00	0.00
291	1	241	-78.40	0.00	0.00	0.00	0.00	0.00
		245	78.40	0.00	0.00	0.00	0.00	0.00
292	1	245	121.43	0.00	0.00	0.00	0.00	0.00
		242	-121.43	0.00	0.00	0.00	0.00	0.00
293	1	242	-93.71	0.00	0.00	0.00	0.00	0.00
		246	93.71	0.00	0.00	0.00	0.00	0.00
294	1	246	105.25	0.00	0.00	0.00	0.00	0.00
		243	-105.25	0.00	0.00	0.00	0.00	0.00
295	1	196	7.53	0.00	0.00	0.00	0.00	0.00
		244	-7.53	0.00	0.00	0.00	0.00	0.00
296	1	244	-9.67	0.00	0.00	0.00	0.00	0.00
		250	9.67	0.00	0.00	0.00	0.00	0.00
297	1	250	-99.13	0.00	0.00	0.00	0.00	0.00
		245	99.13	0.00	0.00	0.00	0.00	0.00
298	1	245	117.71	0.00	0.00	0.00	0.00	0.00
		251	-117.71	0.00	0.00	0.00	0.00	0.00
299	1	251	-92.94	0.00	0.00	0.00	0.00	0.00
		246	92.94	0.00	0.00	0.00	0.00	0.00
300	1	246	106.46	0.00	0.00	0.00	0.00	0.00
		252	-106.46	0.00	0.00	0.00	0.00	0.00
301	1	196	19.04	0.00	0.00	0.00	0.00	0.00
		247	-19.04	0.00	0.00	0.00	0.00	0.00
302	1	247	2.41	0.00	0.00	0.00	0.00	0.00
		250	-2.41	0.00	0.00	0.00	0.00	0.00
303	1	250	-96.36	0.00	0.00	0.00	0.00	0.00
		248	96.36	0.00	0.00	0.00	0.00	0.00
304	1	248	118.28	0.00	0.00	0.00	0.00	0.00
		251	-118.28	0.00	0.00	0.00	0.00	0.00
305	1	251	-98.71	0.00	0.00	0.00	0.00	0.00
		249	98.71	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 206

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
306	1	249	89.08	0.00	0.00	0.00	0.00	0.00
		252	-89.08	0.00	0.00	0.00	0.00	0.00
307	1	210	-48.40	0.00	0.00	0.00	0.00	0.00
		247	48.40	0.00	0.00	0.00	0.00	0.00
308	1	247	9.79	0.00	0.00	0.00	0.00	0.00
		253	-9.79	0.00	0.00	0.00	0.00	0.00
309	1	253	-89.59	0.00	0.00	0.00	0.00	0.00
		248	89.59	0.00	0.00	0.00	0.00	0.00
310	1	248	110.30	0.00	0.00	0.00	0.00	0.00
		254	-110.30	0.00	0.00	0.00	0.00	0.00
311	1	254	-99.30	0.00	0.00	0.00	0.00	0.00
		249	99.30	0.00	0.00	0.00	0.00	0.00
312	1	249	124.83	0.00	0.00	0.00	0.00	0.00
		255	-124.83	0.00	0.00	0.00	0.00	0.00
313	1	324	0.06	0.00	0.00	0.00	0.00	0.00
		323	-0.06	0.00	0.00	0.00	0.00	0.00
314	1	324	-0.02	0.00	0.00	0.00	0.00	0.00
		325	0.02	0.00	0.00	0.00	0.00	0.00
315	1	325	20.11	0.00	0.00	0.00	0.00	0.00
		326	-20.11	0.00	0.00	0.00	0.00	0.00
316	1	326	-0.61	0.00	0.00	0.00	0.00	0.00
		323	0.61	0.00	0.00	0.00	0.00	0.00
317	1	327	-16.57	0.00	0.00	0.00	0.00	0.00
		325	16.57	0.00	0.00	0.00	0.00	0.00
318	1	324	-0.03	0.00	0.00	0.00	0.00	0.00
		326	0.03	0.00	0.00	0.00	0.00	0.00
319	1	327	80.96	0.00	0.00	0.00	0.00	0.00
		328	-80.96	0.00	0.00	0.00	0.00	0.00
320	1	328	102.74	0.00	0.00	0.00	0.00	0.00
		329	-102.74	0.00	0.00	0.00	0.00	0.00
321	1	329	10.02	0.00	0.00	0.00	0.00	0.00
		325	-10.02	0.00	0.00	0.00	0.00	0.00
322	1	225	-100.27	0.00	0.00	0.00	0.00	0.00
		328	100.27	0.00	0.00	0.00	0.00	0.00
323	1	327	-47.98	0.00	0.00	0.00	0.00	0.00
		329	47.98	0.00	0.00	0.00	0.00	0.00

IBI, INC. **STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF**

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 207

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
324	1	225	19.12	0.00	0.00	0.00	0.00	0.00
		330	-19.12	0.00	0.00	0.00	0.00	0.00
325	1	330	8.72	0.00	0.00	0.00	0.00	0.00
		228	-8.72	0.00	0.00	0.00	0.00	0.00
326	1	228	-86.17	0.00	0.00	0.00	0.00	0.00
		328	86.17	0.00	0.00	0.00	0.00	0.00
327	1	331	0.00	0.00	0.00	0.00	0.00	0.00
		330	-0.00	0.00	0.00	0.00	0.00	0.00
328	1	225	3.83	0.00	0.00	0.00	0.00	0.00
		228	-3.83	0.00	0.00	0.00	0.00	0.00
329	1	331	-0.00	0.00	0.00	0.00	0.00	0.00
		332	0.00	0.00	0.00	0.00	0.00	0.00
330	1	332	48.25	0.00	0.00	0.00	0.00	0.00
		333	-48.25	0.00	0.00	0.00	0.00	0.00
331	1	333	-21.56	0.00	0.00	0.00	0.00	0.00
		330	21.56	0.00	0.00	0.00	0.00	0.00
332	1	334	-0.00	0.00	0.00	0.00	0.00	0.00
		332	0.00	0.00	0.00	0.00	0.00	0.00
333	1	331	-0.00	0.00	0.00	0.00	0.00	0.00
		333	0.00	0.00	0.00	0.00	0.00	0.00
334	1	334	-0.00	0.00	0.00	0.00	0.00	0.00
		335	0.00	0.00	0.00	0.00	0.00	0.00
335	1	335	30.02	0.00	0.00	0.00	0.00	0.00
		336	-30.02	0.00	0.00	0.00	0.00	0.00
336	1	336	-31.76	0.00	0.00	0.00	0.00	0.00
		332	31.76	0.00	0.00	0.00	0.00	0.00
337	1	337	-0.00	0.00	0.00	0.00	0.00	0.00
		335	0.00	0.00	0.00	0.00	0.00	0.00
338	1	334	0.00	0.00	0.00	0.00	0.00	0.00
		336	-0.00	0.00	0.00	0.00	0.00	0.00
339	1	337	0.00	0.00	0.00	0.00	0.00	0.00
		338	-0.00	0.00	0.00	0.00	0.00	0.00
340	1	338	25.04	0.00	0.00	0.00	0.00	0.00
		339	-25.04	0.00	0.00	0.00	0.00	0.00
341	1	339	-25.97	0.00	0.00	0.00	0.00	0.00
		335	25.97	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 208

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
342	1	340	-0.00	0.00	0.00	0.00	0.00	0.00
		338	0.00	0.00	0.00	0.00	0.00	0.00
343	1	337	0.00	0.00	0.00	0.00	0.00	0.00
		339	-0.00	0.00	0.00	0.00	0.00	0.00
344	1	340	0.00	0.00	0.00	0.00	0.00	0.00
		341	-0.00	0.00	0.00	0.00	0.00	0.00
345	1	341	17.34	0.00	0.00	0.00	0.00	0.00
		342	-17.34	0.00	0.00	0.00	0.00	0.00
346	1	342	-18.12	0.00	0.00	0.00	0.00	0.00
		338	18.12	0.00	0.00	0.00	0.00	0.00
347	1	343	0.00	0.00	0.00	0.00	0.00	0.00
		341	-0.00	0.00	0.00	0.00	0.00	0.00
348	1	340	-0.00	0.00	0.00	0.00	0.00	0.00
		342	0.00	0.00	0.00	0.00	0.00	0.00
349	1	343	0.00	0.00	0.00	0.00	0.00	0.00
		344	-0.00	0.00	0.00	0.00	0.00	0.00
350	1	344	9.41	0.00	0.00	0.00	0.00	0.00
		345	-9.41	0.00	0.00	0.00	0.00	0.00
351	1	345	-10.08	0.00	0.00	0.00	0.00	0.00
		341	10.08	0.00	0.00	0.00	0.00	0.00
352	1	346	0.00	0.00	0.00	0.00	0.00	0.00
		344	-0.00	0.00	0.00	0.00	0.00	0.00
353	1	343	0.00	0.00	0.00	0.00	0.00	0.00
		345	-0.00	0.00	0.00	0.00	0.00	0.00
354	1	346	-0.00	0.00	0.00	0.00	0.00	0.00
		347	0.00	0.00	0.00	0.00	0.00	0.00
355	1	347	1.52	0.00	0.00	0.00	0.00	0.00
		348	-1.52	0.00	0.00	0.00	0.00	0.00
356	1	348	-2.18	0.00	0.00	0.00	0.00	0.00
		344	2.18	0.00	0.00	0.00	0.00	0.00
357	1	349	-0.00	0.00	0.00	0.00	0.00	0.00
		347	0.00	0.00	0.00	0.00	0.00	0.00
358	1	346	0.00	0.00	0.00	0.00	0.00	0.00
		348	-0.00	0.00	0.00	0.00	0.00	0.00
359	1	349	0.00	0.00	0.00	0.00	0.00	0.00
		350	-0.00	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 209

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
360	1	350	-6.64	0.00	0.00	0.00	0.00	0.00
		351	6.64	0.00	0.00	0.00	0.00	0.00
361	1	351	5.85	0.00	0.00	0.00	0.00	0.00
		347	-5.85	0.00	0.00	0.00	0.00	0.00
362	1	352	-0.00	0.00	0.00	0.00	0.00	0.00
		350	0.00	0.00	0.00	0.00	0.00	0.00
363	1	349	0.00	0.00	0.00	0.00	0.00	0.00
		351	-0.00	0.00	0.00	0.00	0.00	0.00
364	1	352	0.00	0.00	0.00	0.00	0.00	0.00
		353	-0.00	0.00	0.00	0.00	0.00	0.00
365	1	353	-15.03	0.00	0.00	0.00	0.00	0.00
		354	15.03	0.00	0.00	0.00	0.00	0.00
366	1	354	13.82	0.00	0.00	0.00	0.00	0.00
		350	-13.82	0.00	0.00	0.00	0.00	0.00
367	1	352	-0.00	0.00	0.00	0.00	0.00	0.00
		354	0.00	0.00	0.00	0.00	0.00	0.00
368	1	355	0.00	0.00	0.00	0.00	0.00	0.00
		353	-0.00	0.00	0.00	0.00	0.00	0.00
369	1	355	0.00	0.00	0.00	0.00	0.00	0.00
		356	-0.00	0.00	0.00	0.00	0.00	0.00
370	1	356	-22.44	0.00	0.00	0.00	0.00	0.00
		357	22.44	0.00	0.00	0.00	0.00	0.00
371	1	357	18.37	0.00	0.00	0.00	0.00	0.00
		353	-18.37	0.00	0.00	0.00	0.00	0.00
372	1	358	20.26	0.00	0.00	0.00	0.00	0.00
		356	-20.26	0.00	0.00	0.00	0.00	0.00
373	1	355	0.00	0.00	0.00	0.00	0.00	0.00
		357	-0.00	0.00	0.00	0.00	0.00	0.00
374	1	358	-11.47	0.00	0.00	0.00	0.00	0.00
		359	11.47	0.00	0.00	0.00	0.00	0.00
375	1	359	7.68	0.00	0.00	0.00	0.00	0.00
		360	-7.68	0.00	0.00	0.00	0.00	0.00
376	1	360	25.16	0.00	0.00	0.00	0.00	0.00
		356	-25.16	0.00	0.00	0.00	0.00	0.00
377	1	361	0.00	0.00	0.00	0.00	0.00	0.00
		359	-0.00	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 210

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
378	1	358	-3.82	0.00	0.00	0.00	0.00	0.00
		360	3.82	0.00	0.00	0.00	0.00	0.00
379	1	361	-0.00	0.00	0.00	0.00	0.00	0.00
		362	0.00	0.00	0.00	0.00	0.00	0.00
380	1	362	-3.47	0.00	0.00	0.00	0.00	0.00
		363	3.47	0.00	0.00	0.00	0.00	0.00
381	1	363	3.56	0.00	0.00	0.00	0.00	0.00
		359	-3.56	0.00	0.00	0.00	0.00	0.00
382	1	364	0.00	0.00	0.00	0.00	0.00	0.00
		362	-0.00	0.00	0.00	0.00	0.00	0.00
383	1	361	0.00	0.00	0.00	0.00	0.00	0.00
		363	-0.00	0.00	0.00	0.00	0.00	0.00
384	1	364	-0.00	0.00	0.00	0.00	0.00	0.00
		365	0.00	0.00	0.00	0.00	0.00	0.00
385	1	365	-9.74	0.00	0.00	0.00	0.00	0.00
		366	9.74	0.00	0.00	0.00	0.00	0.00
386	1	366	9.53	0.00	0.00	0.00	0.00	0.00
		362	-9.53	0.00	0.00	0.00	0.00	0.00
387	1	364	0.00	0.00	0.00	0.00	0.00	0.00
		366	0.00	0.00	0.00	0.00	0.00	0.00
388	1	323	0.46	0.00	0.00	0.00	0.00	0.00
		368	-0.46	0.00	0.00	0.00	0.00	0.00
389	1	367	0.00	0.00	0.00	0.00	0.00	0.00
		368	-0.00	0.00	0.00	0.00	0.00	0.00
390	1	367	-0.00	0.00	0.00	0.00	0.00	0.00
		323	0.00	0.00	0.00	0.00	0.00	0.00
391	1	369	0.00	0.00	0.00	0.00	0.00	0.00
		365	-0.00	0.00	0.00	0.00	0.00	0.00
392	1	369	0.00	0.00	0.00	0.00	0.00	0.00
		370	-0.00	0.00	0.00	0.00	0.00	0.00
393	1	370	-17.68	0.00	0.00	0.00	0.00	0.00
		371	17.68	0.00	0.00	0.00	0.00	0.00
394	1	371	17.59	0.00	0.00	0.00	0.00	0.00
		365	-17.59	0.00	0.00	0.00	0.00	0.00
395	1	369	-0.00	0.00	0.00	0.00	0.00	0.00
		371	0.00	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 211

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
396	1	372	-0.00	0.00	0.00	0.00	0.00	0.00
		370	0.00	0.00	0.00	0.00	0.00	0.00
397	1	372	0.00	0.00	0.00	0.00	0.00	0.00
		373	-0.00	0.00	0.00	0.00	0.00	0.00
398	1	373	-19.60	0.00	0.00	0.00	0.00	0.00
		374	19.60	0.00	0.00	0.00	0.00	0.00
399	1	374	21.26	0.00	0.00	0.00	0.00	0.00
		370	-21.26	0.00	0.00	0.00	0.00	0.00
400	1	372	0.00	0.00	0.00	0.00	0.00	0.00
		374	0.00	0.00	0.00	0.00	0.00	0.00
401	1	375	0.00	0.00	0.00	0.00	0.00	0.00
		373	-0.00	0.00	0.00	0.00	0.00	0.00
402	1	376	9.51	0.00	0.00	0.00	0.00	0.00
		373	-9.51	0.00	0.00	0.00	0.00	0.00
403	1	375	-0.00	0.00	0.00	0.00	0.00	0.00
		376	0.00	0.00	0.00	0.00	0.00	0.00
404	1	326	-6.52	0.00	0.00	0.00	0.00	0.00
		377	6.52	0.00	0.00	0.00	0.00	0.00
405	1	326	15.40	0.00	0.00	0.00	0.00	0.00
		378	-15.40	0.00	0.00	0.00	0.00	0.00
406	1	378	18.80	0.00	0.00	0.00	0.00	0.00
		379	-18.80	0.00	0.00	0.00	0.00	0.00
407	1	379	2.52	0.00	0.00	0.00	0.00	0.00
		377	-2.52	0.00	0.00	0.00	0.00	0.00
408	1	329	-8.57	0.00	0.00	0.00	0.00	0.00
		378	8.57	0.00	0.00	0.00	0.00	0.00
409	1	326	-39.86	0.00	0.00	0.00	0.00	0.00
		329	39.86	0.00	0.00	0.00	0.00	0.00
410	1	326	-2.71	0.00	0.00	0.00	0.00	0.00
		379	2.71	0.00	0.00	0.00	0.00	0.00
411	1	329	80.47	0.00	0.00	0.00	0.00	0.00
		380	-80.47	0.00	0.00	0.00	0.00	0.00
412	1	380	94.14	0.00	0.00	0.00	0.00	0.00
		381	-94.14	0.00	0.00	0.00	0.00	0.00
413	1	381	9.87	0.00	0.00	0.00	0.00	0.00
		378	-9.87	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 212

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
414	1	228 380	-83.87 83.87	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
415	1	329 228	-4.22 4.22	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
416	1	329 381	-24.99 24.99	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
417	1	228 382	20.38 -20.38	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
418	1	382 231	11.54 -11.54	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
419	1	231 380	-83.85 83.85	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
420	1	333 382	-20.77 20.77	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
421	1	228 333	70.82 -70.82	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
422	1	228 231	2.61 -2.61	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
423	1	333 383	50.46 -50.46	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
424	1	383 384	46.21 -46.21	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
425	1	384 382	-18.76 18.76	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
426	1	336 383	-26.63 26.63	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
427	1	333 336	112.44 -112.44	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
428	1	333 384	-1.00 1.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
429	1	336 385	28.39 -28.39	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
430	1	385 386	27.31 -27.31	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
431	1	386 383	-27.45 27.45	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 213

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
432	1	339	-21.87	0.00	0.00	0.00	0.00	0.00
		385	21.87	0.00	0.00	0.00	0.00	0.00
433	1	336	63.97	0.00	0.00	0.00	0.00	0.00
		339	-63.97	0.00	0.00	0.00	0.00	0.00
434	1	336	-0.98	0.00	0.00	0.00	0.00	0.00
		386	0.98	0.00	0.00	0.00	0.00	0.00
435	1	339	22.73	0.00	0.00	0.00	0.00	0.00
		387	-22.73	0.00	0.00	0.00	0.00	0.00
436	1	387	23.22	0.00	0.00	0.00	0.00	0.00
		388	-23.22	0.00	0.00	0.00	0.00	0.00
437	1	388	-23.96	0.00	0.00	0.00	0.00	0.00
		385	23.96	0.00	0.00	0.00	0.00	0.00
438	1	342	-14.24	0.00	0.00	0.00	0.00	0.00
		387	14.24	0.00	0.00	0.00	0.00	0.00
439	1	339	24.29	0.00	0.00	0.00	0.00	0.00
		342	-24.29	0.00	0.00	0.00	0.00	0.00
440	1	339	-0.50	0.00	0.00	0.00	0.00	0.00
		388	0.50	0.00	0.00	0.00	0.00	0.00
441	1	342	15.05	0.00	0.00	0.00	0.00	0.00
		389	-15.05	0.00	0.00	0.00	0.00	0.00
442	1	389	15.87	0.00	0.00	0.00	0.00	0.00
		390	-15.87	0.00	0.00	0.00	0.00	0.00
443	1	390	-16.89	0.00	0.00	0.00	0.00	0.00
		387	16.89	0.00	0.00	0.00	0.00	0.00
444	1	345	-7.15	0.00	0.00	0.00	0.00	0.00
		389	7.15	0.00	0.00	0.00	0.00	0.00
445	1	342	-2.60	0.00	0.00	0.00	0.00	0.00
		345	2.60	0.00	0.00	0.00	0.00	0.00
446	1	342	-0.44	0.00	0.00	0.00	0.00	0.00
		390	0.44	0.00	0.00	0.00	0.00	0.00
447	1	345	7.83	0.00	0.00	0.00	0.00	0.00
		391	-7.83	0.00	0.00	0.00	0.00	0.00
448	1	391	8.41	0.00	0.00	0.00	0.00	0.00
		392	-8.41	0.00	0.00	0.00	0.00	0.00
449	1	392	-9.64	0.00	0.00	0.00	0.00	0.00
		389	9.64	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 214

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
450	1	348	-0.36	0.00	0.00	0.00	0.00	0.00
		391	0.36	0.00	0.00	0.00	0.00	0.00
451	1	345	-16.91	0.00	0.00	0.00	0.00	0.00
		348	16.91	0.00	0.00	0.00	0.00	0.00
452	1	345	-0.38	0.00	0.00	0.00	0.00	0.00
		392	0.38	0.00	0.00	0.00	0.00	0.00
453	1	348	1.00	0.00	0.00	0.00	0.00	0.00
		393	-1.00	0.00	0.00	0.00	0.00	0.00
454	1	393	1.01	0.00	0.00	0.00	0.00	0.00
		394	-1.01	0.00	0.00	0.00	0.00	0.00
455	1	394	-2.33	0.00	0.00	0.00	0.00	0.00
		391	2.33	0.00	0.00	0.00	0.00	0.00
456	1	351	6.56	0.00	0.00	0.00	0.00	0.00
		393	-6.56	0.00	0.00	0.00	0.00	0.00
457	1	348	-19.01	0.00	0.00	0.00	0.00	0.00
		351	19.01	0.00	0.00	0.00	0.00	0.00
458	1	348	-0.36	0.00	0.00	0.00	0.00	0.00
		394	0.36	0.00	0.00	0.00	0.00	0.00
459	1	351	-5.75	0.00	0.00	0.00	0.00	0.00
		395	5.75	0.00	0.00	0.00	0.00	0.00
460	1	395	-6.46	0.00	0.00	0.00	0.00	0.00
		396	6.46	0.00	0.00	0.00	0.00	0.00
461	1	396	5.10	0.00	0.00	0.00	0.00	0.00
		393	-5.10	0.00	0.00	0.00	0.00	0.00
462	1	354	14.00	0.00	0.00	0.00	0.00	0.00
		395	-14.00	0.00	0.00	0.00	0.00	0.00
463	1	351	-8.71	0.00	0.00	0.00	0.00	0.00
		354	8.71	0.00	0.00	0.00	0.00	0.00
464	1	351	-0.45	0.00	0.00	0.00	0.00	0.00
		396	0.45	0.00	0.00	0.00	0.00	0.00
465	1	354	-12.78	0.00	0.00	0.00	0.00	0.00
		397	12.78	0.00	0.00	0.00	0.00	0.00
466	1	397	-14.23	0.00	0.00	0.00	0.00	0.00
		398	14.23	0.00	0.00	0.00	0.00	0.00
467	1	398	12.60	0.00	0.00	0.00	0.00	0.00
		395	-12.60	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 215

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
468	1	354	-0.68	0.00	0.00	0.00	0.00	0.00
		398	0.68	0.00	0.00	0.00	0.00	0.00
469	1	357	18.47	0.00	0.00	0.00	0.00	0.00
		397	-18.47	0.00	0.00	0.00	0.00	0.00
470	1	357	-14.43	0.00	0.00	0.00	0.00	0.00
		399	14.43	0.00	0.00	0.00	0.00	0.00
471	1	399	-17.03	0.00	0.00	0.00	0.00	0.00
		400	17.03	0.00	0.00	0.00	0.00	0.00
472	1	400	15.80	0.00	0.00	0.00	0.00	0.00
		397	-15.80	0.00	0.00	0.00	0.00	0.00
473	1	360	33.31	0.00	0.00	0.00	0.00	0.00
		399	-33.31	0.00	0.00	0.00	0.00	0.00
474	1	357	44.96	0.00	0.00	0.00	0.00	0.00
		360	-44.96	0.00	0.00	0.00	0.00	0.00
475	1	357	-2.27	0.00	0.00	0.00	0.00	0.00
		400	2.27	0.00	0.00	0.00	0.00	0.00
476	1	360	2.95	0.00	0.00	0.00	0.00	0.00
		401	-2.95	0.00	0.00	0.00	0.00	0.00
477	1	401	2.54	0.00	0.00	0.00	0.00	0.00
		402	-2.54	0.00	0.00	0.00	0.00	0.00
478	1	402	30.42	0.00	0.00	0.00	0.00	0.00
		399	-30.42	0.00	0.00	0.00	0.00	0.00
479	1	363	3.33	0.00	0.00	0.00	0.00	0.00
		401	-3.33	0.00	0.00	0.00	0.00	0.00
480	1	360	-38.77	0.00	0.00	0.00	0.00	0.00
		363	38.77	0.00	0.00	0.00	0.00	0.00
481	1	360	-4.97	0.00	0.00	0.00	0.00	0.00
		402	4.97	0.00	0.00	0.00	0.00	0.00
482	1	363	-3.38	0.00	0.00	0.00	0.00	0.00
		403	3.38	0.00	0.00	0.00	0.00	0.00
483	1	403	-3.80	0.00	0.00	0.00	0.00	0.00
		404	3.80	0.00	0.00	0.00	0.00	0.00
484	1	404	1.95	0.00	0.00	0.00	0.00	0.00
		401	-1.95	0.00	0.00	0.00	0.00	0.00
485	1	366	8.66	0.00	0.00	0.00	0.00	0.00
		403	-8.66	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 216

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
486	1	363 366	-33.07 33.07	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
487	1	363 404	0.08 -0.08	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
488	1	366 405	-8.55 8.55	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
489	1	405 406	-9.35 9.35	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
490	1	406 403	8.25 -8.25	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
491	1	366 406	-0.13 0.13	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
492	1	354 357	14.37 -14.37	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
493	1	377 407	0.87 -0.87	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
494	1	368 407	0.25 -0.25	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
495	1	368 326	-0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
496	1	368 377	-0.46 0.46	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
497	1	371 405	15.98 -15.98	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
498	1	366 371	-17.93 17.93	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
499	1	371 408	-16.05 16.05	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
500	1	408 409	-16.87 16.87	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
501	1	409 405	16.09 -16.09	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
502	1	371 409	0.01 -0.01	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
503	1	374 408	19.53 -19.53	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 217

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
504	1	371	10.02	0.00	0.00	0.00	0.00	0.00
		374	-10.02	0.00	0.00	0.00	0.00	0.00
505	1	374	-18.06	0.00	0.00	0.00	0.00	0.00
		410	18.06	0.00	0.00	0.00	0.00	0.00
506	1	410	-18.43	0.00	0.00	0.00	0.00	0.00
		411	18.43	0.00	0.00	0.00	0.00	0.00
507	1	411	19.51	0.00	0.00	0.00	0.00	0.00
		408	-19.51	0.00	0.00	0.00	0.00	0.00
508	1	374	0.06	0.00	0.00	0.00	0.00	0.00
		411	-0.06	0.00	0.00	0.00	0.00	0.00
509	1	376	11.36	0.00	0.00	0.00	0.00	0.00
		410	-11.36	0.00	0.00	0.00	0.00	0.00
510	1	374	42.67	0.00	0.00	0.00	0.00	0.00
		376	-42.67	0.00	0.00	0.00	0.00	0.00
511	1	412	9.02	0.00	0.00	0.00	0.00	0.00
		410	-9.02	0.00	0.00	0.00	0.00	0.00
512	1	376	-0.51	0.00	0.00	0.00	0.00	0.00
		412	0.51	0.00	0.00	0.00	0.00	0.00
513	1	379	-3.77	0.00	0.00	0.00	0.00	0.00
		413	3.77	0.00	0.00	0.00	0.00	0.00
514	1	379	13.31	0.00	0.00	0.00	0.00	0.00
		414	-13.31	0.00	0.00	0.00	0.00	0.00
515	1	414	16.75	0.00	0.00	0.00	0.00	0.00
		415	-16.75	0.00	0.00	0.00	0.00	0.00
516	1	415	2.33	0.00	0.00	0.00	0.00	0.00
		413	-2.33	0.00	0.00	0.00	0.00	0.00
517	1	381	-2.84	0.00	0.00	0.00	0.00	0.00
		414	2.84	0.00	0.00	0.00	0.00	0.00
518	1	379	-37.95	0.00	0.00	0.00	0.00	0.00
		381	37.95	0.00	0.00	0.00	0.00	0.00
519	1	379	-2.61	0.00	0.00	0.00	0.00	0.00
		415	2.61	0.00	0.00	0.00	0.00	0.00
520	1	381	82.45	0.00	0.00	0.00	0.00	0.00
		416	-82.45	0.00	0.00	0.00	0.00	0.00
521	1	416	90.30	0.00	0.00	0.00	0.00	0.00
		417	-90.30	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 218

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
522	1	417	7.26	0.00	0.00	0.00	0.00	0.00
		414	-7.26	0.00	0.00	0.00	0.00	0.00
523	1	231	-78.98	0.00	0.00	0.00	0.00	0.00
		416	78.98	0.00	0.00	0.00	0.00	0.00
524	1	381	1.55	0.00	0.00	0.00	0.00	0.00
		231	-1.55	0.00	0.00	0.00	0.00	0.00
525	1	381	-12.90	0.00	0.00	0.00	0.00	0.00
		417	12.90	0.00	0.00	0.00	0.00	0.00
526	1	231	19.87	0.00	0.00	0.00	0.00	0.00
		418	-19.87	0.00	0.00	0.00	0.00	0.00
527	1	418	11.92	0.00	0.00	0.00	0.00	0.00
		240	-11.92	0.00	0.00	0.00	0.00	0.00
528	1	240	-83.21	0.00	0.00	0.00	0.00	0.00
		416	83.21	0.00	0.00	0.00	0.00	0.00
529	1	384	-20.47	0.00	0.00	0.00	0.00	0.00
		418	20.47	0.00	0.00	0.00	0.00	0.00
530	1	231	64.20	0.00	0.00	0.00	0.00	0.00
		384	-64.20	0.00	0.00	0.00	0.00	0.00
531	1	231	2.21	0.00	0.00	0.00	0.00	0.00
		240	-2.21	0.00	0.00	0.00	0.00	0.00
532	1	384	45.70	0.00	0.00	0.00	0.00	0.00
		419	-45.70	0.00	0.00	0.00	0.00	0.00
533	1	419	44.48	0.00	0.00	0.00	0.00	0.00
		420	-44.48	0.00	0.00	0.00	0.00	0.00
534	1	420	-18.51	0.00	0.00	0.00	0.00	0.00
		418	18.51	0.00	0.00	0.00	0.00	0.00
535	1	386	-25.38	0.00	0.00	0.00	0.00	0.00
		419	25.38	0.00	0.00	0.00	0.00	0.00
536	1	384	103.38	0.00	0.00	0.00	0.00	0.00
		386	-103.38	0.00	0.00	0.00	0.00	0.00
537	1	384	-0.51	0.00	0.00	0.00	0.00	0.00
		420	0.51	0.00	0.00	0.00	0.00	0.00
538	1	386	25.54	0.00	0.00	0.00	0.00	0.00
		421	-25.54	0.00	0.00	0.00	0.00	0.00
539	1	421	25.91	0.00	0.00	0.00	0.00	0.00
		422	-25.91	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 219

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
540	1	422	-25.71	0.00	0.00	0.00	0.00	0.00
		419	25.71	0.00	0.00	0.00	0.00	0.00
541	1	388	-20.36	0.00	0.00	0.00	0.00	0.00
		421	20.36	0.00	0.00	0.00	0.00	0.00
542	1	386	59.53	0.00	0.00	0.00	0.00	0.00
		388	-59.53	0.00	0.00	0.00	0.00	0.00
543	1	386	-1.06	0.00	0.00	0.00	0.00	0.00
		422	1.06	0.00	0.00	0.00	0.00	0.00
544	1	388	21.03	0.00	0.00	0.00	0.00	0.00
		423	-21.03	0.00	0.00	0.00	0.00	0.00
545	1	423	22.01	0.00	0.00	0.00	0.00	0.00
		424	-22.01	0.00	0.00	0.00	0.00	0.00
546	1	424	-22.30	0.00	0.00	0.00	0.00	0.00
		421	22.30	0.00	0.00	0.00	0.00	0.00
547	1	390	-13.08	0.00	0.00	0.00	0.00	0.00
		423	13.08	0.00	0.00	0.00	0.00	0.00
548	1	388	22.78	0.00	0.00	0.00	0.00	0.00
		390	-22.78	0.00	0.00	0.00	0.00	0.00
549	1	388	-0.89	0.00	0.00	0.00	0.00	0.00
		424	0.89	0.00	0.00	0.00	0.00	0.00
550	1	390	14.13	0.00	0.00	0.00	0.00	0.00
		425	-14.13	0.00	0.00	0.00	0.00	0.00
551	1	425	15.16	0.00	0.00	0.00	0.00	0.00
		426	-15.16	0.00	0.00	0.00	0.00	0.00
552	1	426	-15.65	0.00	0.00	0.00	0.00	0.00
		423	15.65	0.00	0.00	0.00	0.00	0.00
553	1	392	-6.30	0.00	0.00	0.00	0.00	0.00
		425	6.30	0.00	0.00	0.00	0.00	0.00
554	1	390	-2.13	0.00	0.00	0.00	0.00	0.00
		392	2.13	0.00	0.00	0.00	0.00	0.00
555	1	390	-1.02	0.00	0.00	0.00	0.00	0.00
		426	1.02	0.00	0.00	0.00	0.00	0.00
556	1	392	7.53	0.00	0.00	0.00	0.00	0.00
		427	-7.53	0.00	0.00	0.00	0.00	0.00
557	1	427	8.21	0.00	0.00	0.00	0.00	0.00
		428	-8.21	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 220

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
558	1	428	-8.81	0.00	0.00	0.00	0.00	0.00
		425	8.81	0.00	0.00	0.00	0.00	0.00
559	1	394	0.13	0.00	0.00	0.00	0.00	0.00
		427	-0.13	0.00	0.00	0.00	0.00	0.00
560	1	392	-15.36	0.00	0.00	0.00	0.00	0.00
		394	15.36	0.00	0.00	0.00	0.00	0.00
561	1	392	-1.07	0.00	0.00	0.00	0.00	0.00
		428	1.07	0.00	0.00	0.00	0.00	0.00
562	1	394	1.18	0.00	0.00	0.00	0.00	0.00
		429	-1.18	0.00	0.00	0.00	0.00	0.00
563	1	429	1.32	0.00	0.00	0.00	0.00	0.00
		430	-1.32	0.00	0.00	0.00	0.00	0.00
564	1	430	-1.95	0.00	0.00	0.00	0.00	0.00
		427	1.95	0.00	0.00	0.00	0.00	0.00
565	1	396	6.55	0.00	0.00	0.00	0.00	0.00
		429	-6.55	0.00	0.00	0.00	0.00	0.00
566	1	394	-17.18	0.00	0.00	0.00	0.00	0.00
		396	17.18	0.00	0.00	0.00	0.00	0.00
567	1	394	-1.09	0.00	0.00	0.00	0.00	0.00
		430	1.09	0.00	0.00	0.00	0.00	0.00
568	1	396	-5.17	0.00	0.00	0.00	0.00	0.00
		431	5.17	0.00	0.00	0.00	0.00	0.00
569	1	431	-5.54	0.00	0.00	0.00	0.00	0.00
		432	5.54	0.00	0.00	0.00	0.00	0.00
570	1	432	4.96	0.00	0.00	0.00	0.00	0.00
		429	-4.96	0.00	0.00	0.00	0.00	0.00
571	1	398	13.35	0.00	0.00	0.00	0.00	0.00
		431	-13.35	0.00	0.00	0.00	0.00	0.00
572	1	396	-7.52	0.00	0.00	0.00	0.00	0.00
		398	7.52	0.00	0.00	0.00	0.00	0.00
573	1	396	-1.21	0.00	0.00	0.00	0.00	0.00
		432	1.21	0.00	0.00	0.00	0.00	0.00
574	1	398	-11.72	0.00	0.00	0.00	0.00	0.00
		433	11.72	0.00	0.00	0.00	0.00	0.00
575	1	433	-12.38	0.00	0.00	0.00	0.00	0.00
		434	12.38	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 221

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
576	1	434	11.95	0.00	0.00	0.00	0.00	0.00
		431	-11.95	0.00	0.00	0.00	0.00	0.00
577	1	398	-1.59	0.00	0.00	0.00	0.00	0.00
		434	1.59	0.00	0.00	0.00	0.00	0.00
578	1	400	16.86	0.00	0.00	0.00	0.00	0.00
		433	-16.86	0.00	0.00	0.00	0.00	0.00
579	1	400	-15.65	0.00	0.00	0.00	0.00	0.00
		435	15.65	0.00	0.00	0.00	0.00	0.00
580	1	435	-15.60	0.00	0.00	0.00	0.00	0.00
		436	15.60	0.00	0.00	0.00	0.00	0.00
581	1	436	15.55	0.00	0.00	0.00	0.00	0.00
		433	-15.55	0.00	0.00	0.00	0.00	0.00
582	1	402	32.69	0.00	0.00	0.00	0.00	0.00
		435	-32.69	0.00	0.00	0.00	0.00	0.00
583	1	400	41.13	0.00	0.00	0.00	0.00	0.00
		402	-41.13	0.00	0.00	0.00	0.00	0.00
584	1	400	-2.95	0.00	0.00	0.00	0.00	0.00
		436	2.95	0.00	0.00	0.00	0.00	0.00
585	1	402	2.31	0.00	0.00	0.00	0.00	0.00
		437	-2.31	0.00	0.00	0.00	0.00	0.00
586	1	437	1.82	0.00	0.00	0.00	0.00	0.00
		438	-1.82	0.00	0.00	0.00	0.00	0.00
587	1	438	29.29	0.00	0.00	0.00	0.00	0.00
		435	-29.29	0.00	0.00	0.00	0.00	0.00
588	1	404	4.63	0.00	0.00	0.00	0.00	0.00
		437	-4.63	0.00	0.00	0.00	0.00	0.00
589	1	402	-36.54	0.00	0.00	0.00	0.00	0.00
		404	36.54	0.00	0.00	0.00	0.00	0.00
590	1	402	-5.96	0.00	0.00	0.00	0.00	0.00
		438	5.96	0.00	0.00	0.00	0.00	0.00
591	1	404	-2.75	0.00	0.00	0.00	0.00	0.00
		439	2.75	0.00	0.00	0.00	0.00	0.00
592	1	439	-3.56	0.00	0.00	0.00	0.00	0.00
		440	3.56	0.00	0.00	0.00	0.00	0.00
593	1	440	2.51	0.00	0.00	0.00	0.00	0.00
		437	-2.51	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 222

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
594	1	406	8.49	0.00	0.00	0.00	0.00	0.00
		439	-8.49	0.00	0.00	0.00	0.00	0.00
595	1	404	-31.09	0.00	0.00	0.00	0.00	0.00
		406	31.09	0.00	0.00	0.00	0.00	0.00
596	1	404	-0.97	0.00	0.00	0.00	0.00	0.00
		440	0.97	0.00	0.00	0.00	0.00	0.00
597	1	406	-7.48	0.00	0.00	0.00	0.00	0.00
		441	7.48	0.00	0.00	0.00	0.00	0.00
598	1	441	-8.44	0.00	0.00	0.00	0.00	0.00
		442	8.44	0.00	0.00	0.00	0.00	0.00
599	1	442	7.74	0.00	0.00	0.00	0.00	0.00
		439	-7.74	0.00	0.00	0.00	0.00	0.00
600	1	406	-0.69	0.00	0.00	0.00	0.00	0.00
		442	0.69	0.00	0.00	0.00	0.00	0.00
601	1	398	14.01	0.00	0.00	0.00	0.00	0.00
		400	-14.01	0.00	0.00	0.00	0.00	0.00
602	1	413	0.34	0.00	0.00	0.00	0.00	0.00
		443	-0.34	0.00	0.00	0.00	0.00	0.00
603	1	407	0.74	0.00	0.00	0.00	0.00	0.00
		443	-0.74	0.00	0.00	0.00	0.00	0.00
604	1	407	-0.00	0.00	0.00	0.00	0.00	0.00
		379	0.00	0.00	0.00	0.00	0.00	0.00
605	1	407	-0.87	0.00	0.00	0.00	0.00	0.00
		413	0.87	0.00	0.00	0.00	0.00	0.00
606	1	409	15.25	0.00	0.00	0.00	0.00	0.00
		441	-15.25	0.00	0.00	0.00	0.00	0.00
607	1	406	-17.17	0.00	0.00	0.00	0.00	0.00
		409	17.17	0.00	0.00	0.00	0.00	0.00
608	1	409	-14.62	0.00	0.00	0.00	0.00	0.00
		444	14.62	0.00	0.00	0.00	0.00	0.00
609	1	444	-15.66	0.00	0.00	0.00	0.00	0.00
		445	15.66	0.00	0.00	0.00	0.00	0.00
610	1	445	15.13	0.00	0.00	0.00	0.00	0.00
		441	-15.13	0.00	0.00	0.00	0.00	0.00
611	1	409	-0.39	0.00	0.00	0.00	0.00	0.00
		445	0.39	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 223

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
612	1	411	18.53	0.00	0.00	0.00	0.00	0.00
		444	-18.53	0.00	0.00	0.00	0.00	0.00
613	1	409	8.93	0.00	0.00	0.00	0.00	0.00
		411	-8.93	0.00	0.00	0.00	0.00	0.00
614	1	411	-16.73	0.00	0.00	0.00	0.00	0.00
		446	16.73	0.00	0.00	0.00	0.00	0.00
615	1	446	-17.32	0.00	0.00	0.00	0.00	0.00
		447	17.32	0.00	0.00	0.00	0.00	0.00
616	1	447	18.35	0.00	0.00	0.00	0.00	0.00
		444	-18.35	0.00	0.00	0.00	0.00	0.00
617	1	411	-0.14	0.00	0.00	0.00	0.00	0.00
		447	0.14	0.00	0.00	0.00	0.00	0.00
618	1	412	11.26	0.00	0.00	0.00	0.00	0.00
		446	-11.26	0.00	0.00	0.00	0.00	0.00
619	1	411	39.38	0.00	0.00	0.00	0.00	0.00
		412	-39.38	0.00	0.00	0.00	0.00	0.00
620	1	448	8.58	0.00	0.00	0.00	0.00	0.00
		446	-8.58	0.00	0.00	0.00	0.00	0.00
621	1	412	-0.74	0.00	0.00	0.00	0.00	0.00
		448	0.74	0.00	0.00	0.00	0.00	0.00
622	1	415	-1.91	0.00	0.00	0.00	0.00	0.00
		449	1.91	0.00	0.00	0.00	0.00	0.00
623	1	415	14.09	0.00	0.00	0.00	0.00	0.00
		450	-14.09	0.00	0.00	0.00	0.00	0.00
624	1	450	14.75	0.00	0.00	0.00	0.00	0.00
		451	-14.75	0.00	0.00	0.00	0.00	0.00
625	1	451	0.74	0.00	0.00	0.00	0.00	0.00
		449	-0.74	0.00	0.00	0.00	0.00	0.00
626	1	417	0.88	0.00	0.00	0.00	0.00	0.00
		450	-0.88	0.00	0.00	0.00	0.00	0.00
627	1	415	-37.05	0.00	0.00	0.00	0.00	0.00
		417	37.05	0.00	0.00	0.00	0.00	0.00
628	1	415	-2.46	0.00	0.00	0.00	0.00	0.00
		451	2.46	0.00	0.00	0.00	0.00	0.00
629	1	417	84.56	0.00	0.00	0.00	0.00	0.00
		452	-84.56	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 224

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
630	1	452	87.17	0.00	0.00	0.00	0.00	0.00
		453	-87.17	0.00	0.00	0.00	0.00	0.00
631	1	453	4.69	0.00	0.00	0.00	0.00	0.00
		450	-4.69	0.00	0.00	0.00	0.00	0.00
632	1	240	-77.35	0.00	0.00	0.00	0.00	0.00
		452	77.35	0.00	0.00	0.00	0.00	0.00
633	1	417	3.15	0.00	0.00	0.00	0.00	0.00
		240	-3.15	0.00	0.00	0.00	0.00	0.00
634	1	417	-6.51	0.00	0.00	0.00	0.00	0.00
		453	6.51	0.00	0.00	0.00	0.00	0.00
635	1	240	19.45	0.00	0.00	0.00	0.00	0.00
		454	-19.45	0.00	0.00	0.00	0.00	0.00
636	1	454	11.88	0.00	0.00	0.00	0.00	0.00
		243	-11.88	0.00	0.00	0.00	0.00	0.00
637	1	243	-83.51	0.00	0.00	0.00	0.00	0.00
		452	83.51	0.00	0.00	0.00	0.00	0.00
638	1	420	-19.93	0.00	0.00	0.00	0.00	0.00
		454	19.93	0.00	0.00	0.00	0.00	0.00
639	1	240	61.65	0.00	0.00	0.00	0.00	0.00
		420	-61.65	0.00	0.00	0.00	0.00	0.00
640	1	240	1.19	0.00	0.00	0.00	0.00	0.00
		243	-1.19	0.00	0.00	0.00	0.00	0.00
641	1	420	43.46	0.00	0.00	0.00	0.00	0.00
		455	-43.46	0.00	0.00	0.00	0.00	0.00
642	1	455	43.60	0.00	0.00	0.00	0.00	0.00
		456	-43.60	0.00	0.00	0.00	0.00	0.00
643	1	456	-19.03	0.00	0.00	0.00	0.00	0.00
		454	19.03	0.00	0.00	0.00	0.00	0.00
644	1	422	-24.00	0.00	0.00	0.00	0.00	0.00
		455	24.00	0.00	0.00	0.00	0.00	0.00
645	1	420	97.15	0.00	0.00	0.00	0.00	0.00
		422	-97.15	0.00	0.00	0.00	0.00	0.00
646	1	420	-0.09	0.00	0.00	0.00	0.00	0.00
		456	0.09	0.00	0.00	0.00	0.00	0.00
647	1	422	23.81	0.00	0.00	0.00	0.00	0.00
		457	-23.81	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 225

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
648	1	457	25.15	0.00	0.00	0.00	0.00	0.00
		458	-25.15	0.00	0.00	0.00	0.00	0.00
649	1	458	-24.69	0.00	0.00	0.00	0.00	0.00
		455	24.69	0.00	0.00	0.00	0.00	0.00
650	1	424	-19.12	0.00	0.00	0.00	0.00	0.00
		457	19.12	0.00	0.00	0.00	0.00	0.00
651	1	422	55.90	0.00	0.00	0.00	0.00	0.00
		424	-55.90	0.00	0.00	0.00	0.00	0.00
652	1	422	-0.95	0.00	0.00	0.00	0.00	0.00
		458	0.95	0.00	0.00	0.00	0.00	0.00
653	1	424	19.35	0.00	0.00	0.00	0.00	0.00
		459	-19.35	0.00	0.00	0.00	0.00	0.00
654	1	459	21.32	0.00	0.00	0.00	0.00	0.00
		460	-21.32	0.00	0.00	0.00	0.00	0.00
655	1	460	-20.83	0.00	0.00	0.00	0.00	0.00
		457	20.83	0.00	0.00	0.00	0.00	0.00
656	1	426	-12.30	0.00	0.00	0.00	0.00	0.00
		459	12.30	0.00	0.00	0.00	0.00	0.00
657	1	424	21.55	0.00	0.00	0.00	0.00	0.00
		426	-21.55	0.00	0.00	0.00	0.00	0.00
658	1	424	-1.04	0.00	0.00	0.00	0.00	0.00
		460	1.04	0.00	0.00	0.00	0.00	0.00
659	1	426	12.81	0.00	0.00	0.00	0.00	0.00
		461	-12.81	0.00	0.00	0.00	0.00	0.00
660	1	461	14.87	0.00	0.00	0.00	0.00	0.00
		462	-14.87	0.00	0.00	0.00	0.00	0.00
661	1	462	-14.31	0.00	0.00	0.00	0.00	0.00
		459	14.31	0.00	0.00	0.00	0.00	0.00
662	1	428	-6.05	0.00	0.00	0.00	0.00	0.00
		461	6.05	0.00	0.00	0.00	0.00	0.00
663	1	426	-1.68	0.00	0.00	0.00	0.00	0.00
		428	1.68	0.00	0.00	0.00	0.00	0.00
664	1	426	-1.30	0.00	0.00	0.00	0.00	0.00
		462	1.30	0.00	0.00	0.00	0.00	0.00
665	1	428	6.65	0.00	0.00	0.00	0.00	0.00
		463	-6.65	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 226

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
666	1	463	8.44	0.00	0.00	0.00	0.00	0.00
		464	-8.44	0.00	0.00	0.00	0.00	0.00
667	1	464	-7.78	0.00	0.00	0.00	0.00	0.00
		461	7.78	0.00	0.00	0.00	0.00	0.00
668	1	430	-0.15	0.00	0.00	0.00	0.00	0.00
		463	0.15	0.00	0.00	0.00	0.00	0.00
669	1	428	-14.01	0.00	0.00	0.00	0.00	0.00
		430	14.01	0.00	0.00	0.00	0.00	0.00
670	1	428	-1.40	0.00	0.00	0.00	0.00	0.00
		464	1.40	0.00	0.00	0.00	0.00	0.00
671	1	430	0.77	0.00	0.00	0.00	0.00	0.00
		465	-0.77	0.00	0.00	0.00	0.00	0.00
672	1	465	2.05	0.00	0.00	0.00	0.00	0.00
		466	-2.05	0.00	0.00	0.00	0.00	0.00
673	1	466	-1.36	0.00	0.00	0.00	0.00	0.00
		463	1.36	0.00	0.00	0.00	0.00	0.00
674	1	432	5.76	0.00	0.00	0.00	0.00	0.00
		465	-5.76	0.00	0.00	0.00	0.00	0.00
675	1	430	-15.75	0.00	0.00	0.00	0.00	0.00
		432	15.75	0.00	0.00	0.00	0.00	0.00
676	1	430	-1.44	0.00	0.00	0.00	0.00	0.00
		466	1.44	0.00	0.00	0.00	0.00	0.00
677	1	432	-5.17	0.00	0.00	0.00	0.00	0.00
		467	5.17	0.00	0.00	0.00	0.00	0.00
678	1	467	-4.31	0.00	0.00	0.00	0.00	0.00
		468	4.31	0.00	0.00	0.00	0.00	0.00
679	1	468	5.09	0.00	0.00	0.00	0.00	0.00
		465	-5.09	0.00	0.00	0.00	0.00	0.00
680	1	434	11.93	0.00	0.00	0.00	0.00	0.00
		467	-11.93	0.00	0.00	0.00	0.00	0.00
681	1	432	-6.86	0.00	0.00	0.00	0.00	0.00
		434	6.86	0.00	0.00	0.00	0.00	0.00
682	1	432	-1.54	0.00	0.00	0.00	0.00	0.00
		468	1.54	0.00	0.00	0.00	0.00	0.00
683	1	434	-11.49	0.00	0.00	0.00	0.00	0.00
		469	11.49	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 227

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
684	1	469	-10.54	0.00	0.00	0.00	0.00	0.00
		470	10.54	0.00	0.00	0.00	0.00	0.00
685	1	470	11.70	0.00	0.00	0.00	0.00	0.00
		467	-11.70	0.00	0.00	0.00	0.00	0.00
686	1	434	-1.83	0.00	0.00	0.00	0.00	0.00
		470	1.83	0.00	0.00	0.00	0.00	0.00
687	1	436	15.43	0.00	0.00	0.00	0.00	0.00
		469	-15.43	0.00	0.00	0.00	0.00	0.00
688	1	436	-15.40	0.00	0.00	0.00	0.00	0.00
		471	15.40	0.00	0.00	0.00	0.00	0.00
689	1	471	-13.67	0.00	0.00	0.00	0.00	0.00
		472	13.67	0.00	0.00	0.00	0.00	0.00
690	1	472	15.33	0.00	0.00	0.00	0.00	0.00
		469	-15.33	0.00	0.00	0.00	0.00	0.00
691	1	438	31.33	0.00	0.00	0.00	0.00	0.00
		471	-31.33	0.00	0.00	0.00	0.00	0.00
692	1	436	38.67	0.00	0.00	0.00	0.00	0.00
		438	-38.67	0.00	0.00	0.00	0.00	0.00
693	1	436	-2.97	0.00	0.00	0.00	0.00	0.00
		472	2.97	0.00	0.00	0.00	0.00	0.00
694	1	438	1.97	0.00	0.00	0.00	0.00	0.00
		473	-1.97	0.00	0.00	0.00	0.00	0.00
695	1	473	1.58	0.00	0.00	0.00	0.00	0.00
		474	-1.58	0.00	0.00	0.00	0.00	0.00
696	1	474	27.40	0.00	0.00	0.00	0.00	0.00
		471	-27.40	0.00	0.00	0.00	0.00	0.00
697	1	440	4.04	0.00	0.00	0.00	0.00	0.00
		473	-4.04	0.00	0.00	0.00	0.00	0.00
698	1	438	-34.29	0.00	0.00	0.00	0.00	0.00
		440	34.29	0.00	0.00	0.00	0.00	0.00
699	1	438	-7.39	0.00	0.00	0.00	0.00	0.00
		474	7.39	0.00	0.00	0.00	0.00	0.00
700	1	440	-2.95	0.00	0.00	0.00	0.00	0.00
		475	2.95	0.00	0.00	0.00	0.00	0.00
701	1	475	-2.54	0.00	0.00	0.00	0.00	0.00
		476	2.54	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 228

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
702	1	476	3.13	0.00	0.00	0.00	0.00	0.00
		473	-3.13	0.00	0.00	0.00	0.00	0.00
703	1	442	7.50	0.00	0.00	0.00	0.00	0.00
		475	-7.50	0.00	0.00	0.00	0.00	0.00
704	1	440	-28.87	0.00	0.00	0.00	0.00	0.00
		442	28.87	0.00	0.00	0.00	0.00	0.00
705	1	440	-1.57	0.00	0.00	0.00	0.00	0.00
		476	1.57	0.00	0.00	0.00	0.00	0.00
706	1	442	-6.90	0.00	0.00	0.00	0.00	0.00
		477	6.90	0.00	0.00	0.00	0.00	0.00
707	1	477	-7.16	0.00	0.00	0.00	0.00	0.00
		478	7.16	0.00	0.00	0.00	0.00	0.00
708	1	478	7.62	0.00	0.00	0.00	0.00	0.00
		475	-7.62	0.00	0.00	0.00	0.00	0.00
709	1	442	-1.02	0.00	0.00	0.00	0.00	0.00
		478	1.02	0.00	0.00	0.00	0.00	0.00
710	1	434	12.95	0.00	0.00	0.00	0.00	0.00
		436	-12.95	0.00	0.00	0.00	0.00	0.00
711	1	449	-0.64	0.00	0.00	0.00	0.00	0.00
		479	0.64	0.00	0.00	0.00	0.00	0.00
712	1	443	0.93	0.00	0.00	0.00	0.00	0.00
		479	-0.93	0.00	0.00	0.00	0.00	0.00
713	1	443	-0.00	0.00	0.00	0.00	0.00	0.00
		415	0.00	0.00	0.00	0.00	0.00	0.00
714	1	443	-0.34	0.00	0.00	0.00	0.00	0.00
		449	0.34	0.00	0.00	0.00	0.00	0.00
715	1	445	13.90	0.00	0.00	0.00	0.00	0.00
		477	-13.90	0.00	0.00	0.00	0.00	0.00
716	1	442	-16.18	0.00	0.00	0.00	0.00	0.00
		445	16.18	0.00	0.00	0.00	0.00	0.00
717	1	445	-13.51	0.00	0.00	0.00	0.00	0.00
		480	13.51	0.00	0.00	0.00	0.00	0.00
718	1	480	-14.16	0.00	0.00	0.00	0.00	0.00
		481	14.16	0.00	0.00	0.00	0.00	0.00
719	1	481	14.39	0.00	0.00	0.00	0.00	0.00
		477	-14.39	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 229

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
720	1	445	-0.66	0.00	0.00	0.00	0.00	0.00
		481	0.66	0.00	0.00	0.00	0.00	0.00
721	1	447	17.20	0.00	0.00	0.00	0.00	0.00
		480	-17.20	0.00	0.00	0.00	0.00	0.00
722	1	445	8.00	0.00	0.00	0.00	0.00	0.00
		447	-8.00	0.00	0.00	0.00	0.00	0.00
723	1	447	-15.57	0.00	0.00	0.00	0.00	0.00
		482	15.57	0.00	0.00	0.00	0.00	0.00
724	1	482	-16.01	0.00	0.00	0.00	0.00	0.00
		483	16.01	0.00	0.00	0.00	0.00	0.00
725	1	483	17.28	0.00	0.00	0.00	0.00	0.00
		480	-17.28	0.00	0.00	0.00	0.00	0.00
726	1	447	-0.31	0.00	0.00	0.00	0.00	0.00
		483	0.31	0.00	0.00	0.00	0.00	0.00
727	1	448	11.07	0.00	0.00	0.00	0.00	0.00
		482	-11.07	0.00	0.00	0.00	0.00	0.00
728	1	447	36.47	0.00	0.00	0.00	0.00	0.00
		448	-36.47	0.00	0.00	0.00	0.00	0.00
729	1	484	8.18	0.00	0.00	0.00	0.00	0.00
		482	-8.18	0.00	0.00	0.00	0.00	0.00
730	1	448	-0.88	0.00	0.00	0.00	0.00	0.00
		484	0.88	0.00	0.00	0.00	0.00	0.00
731	1	451	-0.42	0.00	0.00	0.00	0.00	0.00
		485	0.42	0.00	0.00	0.00	0.00	0.00
732	1	451	16.64	0.00	0.00	0.00	0.00	0.00
		486	-16.64	0.00	0.00	0.00	0.00	0.00
733	1	486	13.08	0.00	0.00	0.00	0.00	0.00
		487	-13.08	0.00	0.00	0.00	0.00	0.00
734	1	487	-1.22	0.00	0.00	0.00	0.00	0.00
		485	1.22	0.00	0.00	0.00	0.00	0.00
735	1	453	4.24	0.00	0.00	0.00	0.00	0.00
		486	-4.24	0.00	0.00	0.00	0.00	0.00
736	1	451	-37.67	0.00	0.00	0.00	0.00	0.00
		453	37.67	0.00	0.00	0.00	0.00	0.00
737	1	451	-3.57	0.00	0.00	0.00	0.00	0.00
		487	3.57	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 230

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
738	1	453 488	86.78 -86.78	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
739	1	488 489	83.72 -83.72	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
740	1	489 486	4.02 -4.02	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
741	1	243 488	-74.80 74.80	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
742	1	453 243	3.08 -3.08	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
743	1	453 489	-2.90 2.90	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
744	1	243 490	20.02 -20.02	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
745	1	490 252	12.32 -12.32	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
746	1	252 488	-78.50 78.50	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
747	1	456 490	-19.30 19.30	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
748	1	243 456	59.51 -59.51	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
749	1	243 252	-0.42 0.42	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
750	1	456 491	42.32 -42.32	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
751	1	491 492	42.08 -42.08	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
752	1	492 490	-18.28 18.28	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
753	1	458 491	-22.88 22.88	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
754	1	456 458	92.49 -92.49	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
755	1	456 492	0.08 -0.08	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 231

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
756	1	458	22.43	0.00	0.00	0.00	0.00	0.00
		493	-22.43	0.00	0.00	0.00	0.00	0.00
757	1	493	24.25	0.00	0.00	0.00	0.00	0.00
		494	-24.25	0.00	0.00	0.00	0.00	0.00
758	1	494	-23.02	0.00	0.00	0.00	0.00	0.00
		491	23.02	0.00	0.00	0.00	0.00	0.00
759	1	460	-18.16	0.00	0.00	0.00	0.00	0.00
		493	18.16	0.00	0.00	0.00	0.00	0.00
760	1	458	53.01	0.00	0.00	0.00	0.00	0.00
		460	-53.01	0.00	0.00	0.00	0.00	0.00
761	1	458	-0.70	0.00	0.00	0.00	0.00	0.00
		494	0.70	0.00	0.00	0.00	0.00	0.00
762	1	460	17.62	0.00	0.00	0.00	0.00	0.00
		495	-17.62	0.00	0.00	0.00	0.00	0.00
763	1	495	20.52	0.00	0.00	0.00	0.00	0.00
		496	-20.52	0.00	0.00	0.00	0.00	0.00
764	1	496	-19.18	0.00	0.00	0.00	0.00	0.00
		493	19.18	0.00	0.00	0.00	0.00	0.00
765	1	462	-11.81	0.00	0.00	0.00	0.00	0.00
		495	11.81	0.00	0.00	0.00	0.00	0.00
766	1	460	20.67	0.00	0.00	0.00	0.00	0.00
		462	-20.67	0.00	0.00	0.00	0.00	0.00
767	1	460	-0.75	0.00	0.00	0.00	0.00	0.00
		496	0.75	0.00	0.00	0.00	0.00	0.00
768	1	462	11.26	0.00	0.00	0.00	0.00	0.00
		497	-11.26	0.00	0.00	0.00	0.00	0.00
769	1	497	14.58	0.00	0.00	0.00	0.00	0.00
		498	-14.58	0.00	0.00	0.00	0.00	0.00
770	1	498	-12.82	0.00	0.00	0.00	0.00	0.00
		495	12.82	0.00	0.00	0.00	0.00	0.00
771	1	464	-6.18	0.00	0.00	0.00	0.00	0.00
		497	6.18	0.00	0.00	0.00	0.00	0.00
772	1	462	-1.03	0.00	0.00	0.00	0.00	0.00
		464	1.03	0.00	0.00	0.00	0.00	0.00
773	1	462	-0.99	0.00	0.00	0.00	0.00	0.00
		498	0.99	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 232

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
774	1	464	5.53	0.00	0.00	0.00	0.00	0.00
		499	-5.53	0.00	0.00	0.00	0.00	0.00
775	1	499	8.65	0.00	0.00	0.00	0.00	0.00
		500	-8.65	0.00	0.00	0.00	0.00	0.00
776	1	500	-6.79	0.00	0.00	0.00	0.00	0.00
		497	6.79	0.00	0.00	0.00	0.00	0.00
777	1	466	-0.83	0.00	0.00	0.00	0.00	0.00
		499	0.83	0.00	0.00	0.00	0.00	0.00
778	1	464	-12.62	0.00	0.00	0.00	0.00	0.00
		466	12.62	0.00	0.00	0.00	0.00	0.00
779	1	464	-1.04	0.00	0.00	0.00	0.00	0.00
		500	1.04	0.00	0.00	0.00	0.00	0.00
780	1	466	0.12	0.00	0.00	0.00	0.00	0.00
		501	-0.12	0.00	0.00	0.00	0.00	0.00
781	1	501	2.76	0.00	0.00	0.00	0.00	0.00
		502	-2.76	0.00	0.00	0.00	0.00	0.00
782	1	502	-0.88	0.00	0.00	0.00	0.00	0.00
		499	0.88	0.00	0.00	0.00	0.00	0.00
783	1	468	4.58	0.00	0.00	0.00	0.00	0.00
		501	-4.58	0.00	0.00	0.00	0.00	0.00
784	1	466	-14.43	0.00	0.00	0.00	0.00	0.00
		468	14.43	0.00	0.00	0.00	0.00	0.00
785	1	466	-1.05	0.00	0.00	0.00	0.00	0.00
		502	1.05	0.00	0.00	0.00	0.00	0.00
786	1	468	-5.34	0.00	0.00	0.00	0.00	0.00
		503	5.34	0.00	0.00	0.00	0.00	0.00
787	1	503	-3.08	0.00	0.00	0.00	0.00	0.00
		504	3.08	0.00	0.00	0.00	0.00	0.00
788	1	504	5.06	0.00	0.00	0.00	0.00	0.00
		501	-5.06	0.00	0.00	0.00	0.00	0.00
789	1	470	10.36	0.00	0.00	0.00	0.00	0.00
		503	-10.36	0.00	0.00	0.00	0.00	0.00
790	1	468	-6.41	0.00	0.00	0.00	0.00	0.00
		470	6.41	0.00	0.00	0.00	0.00	0.00
791	1	468	-1.11	0.00	0.00	0.00	0.00	0.00
		504	1.11	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 233

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
792	1	470	-11.50	0.00	0.00	0.00	0.00	0.00
		505	11.50	0.00	0.00	0.00	0.00	0.00
793	1	505	-9.07	0.00	0.00	0.00	0.00	0.00
		506	9.07	0.00	0.00	0.00	0.00	0.00
794	1	506	11.20	0.00	0.00	0.00	0.00	0.00
		503	-11.20	0.00	0.00	0.00	0.00	0.00
795	1	470	-1.19	0.00	0.00	0.00	0.00	0.00
		506	1.19	0.00	0.00	0.00	0.00	0.00
796	1	472	13.64	0.00	0.00	0.00	0.00	0.00
		505	-13.64	0.00	0.00	0.00	0.00	0.00
797	1	472	-15.32	0.00	0.00	0.00	0.00	0.00
		507	15.32	0.00	0.00	0.00	0.00	0.00
798	1	507	-11.30	0.00	0.00	0.00	0.00	0.00
		508	11.30	0.00	0.00	0.00	0.00	0.00
799	1	508	14.94	0.00	0.00	0.00	0.00	0.00
		505	-14.94	0.00	0.00	0.00	0.00	0.00
800	1	474	28.98	0.00	0.00	0.00	0.00	0.00
		507	-28.98	0.00	0.00	0.00	0.00	0.00
801	1	472	35.94	0.00	0.00	0.00	0.00	0.00
		474	-35.94	0.00	0.00	0.00	0.00	0.00
802	1	472	-2.04	0.00	0.00	0.00	0.00	0.00
		508	2.04	0.00	0.00	0.00	0.00	0.00
803	1	474	1.56	0.00	0.00	0.00	0.00	0.00
		509	-1.56	0.00	0.00	0.00	0.00	0.00
804	1	509	1.69	0.00	0.00	0.00	0.00	0.00
		510	-1.69	0.00	0.00	0.00	0.00	0.00
805	1	510	24.67	0.00	0.00	0.00	0.00	0.00
		507	-24.67	0.00	0.00	0.00	0.00	0.00
806	1	476	2.69	0.00	0.00	0.00	0.00	0.00
		509	-2.69	0.00	0.00	0.00	0.00	0.00
807	1	474	-31.19	0.00	0.00	0.00	0.00	0.00
		476	31.19	0.00	0.00	0.00	0.00	0.00
808	1	474	-9.23	0.00	0.00	0.00	0.00	0.00
		510	9.23	0.00	0.00	0.00	0.00	0.00
809	1	476	-3.24	0.00	0.00	0.00	0.00	0.00
		511	3.24	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 234

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
810	1	511	-1.25	0.00	0.00	0.00	0.00	0.00
		512	1.25	0.00	0.00	0.00	0.00	0.00
811	1	512	3.35	0.00	0.00	0.00	0.00	0.00
		509	-3.35	0.00	0.00	0.00	0.00	0.00
812	1	478	5.96	0.00	0.00	0.00	0.00	0.00
		511	-5.96	0.00	0.00	0.00	0.00	0.00
813	1	476	-26.37	0.00	0.00	0.00	0.00	0.00
		478	26.37	0.00	0.00	0.00	0.00	0.00
814	1	476	-1.22	0.00	0.00	0.00	0.00	0.00
		512	1.22	0.00	0.00	0.00	0.00	0.00
815	1	478	-6.50	0.00	0.00	0.00	0.00	0.00
		513	6.50	0.00	0.00	0.00	0.00	0.00
816	1	513	-5.79	0.00	0.00	0.00	0.00	0.00
		514	5.79	0.00	0.00	0.00	0.00	0.00
817	1	514	7.19	0.00	0.00	0.00	0.00	0.00
		511	-7.19	0.00	0.00	0.00	0.00	0.00
818	1	478	-0.76	0.00	0.00	0.00	0.00	0.00
		514	0.76	0.00	0.00	0.00	0.00	0.00
819	1	470	11.89	0.00	0.00	0.00	0.00	0.00
		472	-11.89	0.00	0.00	0.00	0.00	0.00
820	1	485	-1.03	0.00	0.00	0.00	0.00	0.00
		515	1.03	0.00	0.00	0.00	0.00	0.00
821	1	479	0.58	0.00	0.00	0.00	0.00	0.00
		515	-0.58	0.00	0.00	0.00	0.00	0.00
822	1	479	0.00	0.00	0.00	0.00	0.00	0.00
		451	-0.00	0.00	0.00	0.00	0.00	0.00
823	1	479	0.64	0.00	0.00	0.00	0.00	0.00
		485	-0.64	0.00	0.00	0.00	0.00	0.00
824	1	481	12.11	0.00	0.00	0.00	0.00	0.00
		513	-12.11	0.00	0.00	0.00	0.00	0.00
825	1	478	-15.08	0.00	0.00	0.00	0.00	0.00
		481	15.08	0.00	0.00	0.00	0.00	0.00
826	1	481	-12.45	0.00	0.00	0.00	0.00	0.00
		516	12.45	0.00	0.00	0.00	0.00	0.00
827	1	516	-12.62	0.00	0.00	0.00	0.00	0.00
		517	12.62	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 235

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
828	1	517	13.42	0.00	0.00	0.00	0.00	0.00
		513	-13.42	0.00	0.00	0.00	0.00	0.00
829	1	481	-0.50	0.00	0.00	0.00	0.00	0.00
		517	0.50	0.00	0.00	0.00	0.00	0.00
830	1	483	15.47	0.00	0.00	0.00	0.00	0.00
		516	-15.47	0.00	0.00	0.00	0.00	0.00
831	1	481	6.98	0.00	0.00	0.00	0.00	0.00
		483	-6.98	0.00	0.00	0.00	0.00	0.00
832	1	483	-14.32	0.00	0.00	0.00	0.00	0.00
		518	14.32	0.00	0.00	0.00	0.00	0.00
833	1	518	-14.75	0.00	0.00	0.00	0.00	0.00
		519	14.75	0.00	0.00	0.00	0.00	0.00
834	1	519	15.71	0.00	0.00	0.00	0.00	0.00
		516	-15.71	0.00	0.00	0.00	0.00	0.00
835	1	483	-0.27	0.00	0.00	0.00	0.00	0.00
		519	0.27	0.00	0.00	0.00	0.00	0.00
836	1	484	10.78	0.00	0.00	0.00	0.00	0.00
		518	-10.78	0.00	0.00	0.00	0.00	0.00
837	1	483	33.23	0.00	0.00	0.00	0.00	0.00
		484	-33.23	0.00	0.00	0.00	0.00	0.00
838	1	520	7.75	0.00	0.00	0.00	0.00	0.00
		518	-7.75	0.00	0.00	0.00	0.00	0.00
839	1	484	-1.11	0.00	0.00	0.00	0.00	0.00
		520	1.11	0.00	0.00	0.00	0.00	0.00
840	1	487	-0.75	0.00	0.00	0.00	0.00	0.00
		521	0.75	0.00	0.00	0.00	0.00	0.00
841	1	487	18.96	0.00	0.00	0.00	0.00	0.00
		522	-18.96	0.00	0.00	0.00	0.00	0.00
842	1	522	5.05	0.00	0.00	0.00	0.00	0.00
		523	-5.05	0.00	0.00	0.00	0.00	0.00
843	1	523	1.15	0.00	0.00	0.00	0.00	0.00
		521	-1.15	0.00	0.00	0.00	0.00	0.00
844	1	489	7.23	0.00	0.00	0.00	0.00	0.00
		522	-7.23	0.00	0.00	0.00	0.00	0.00
845	1	487	-37.61	0.00	0.00	0.00	0.00	0.00
		489	37.61	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 236

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
846	1	487	-4.40	0.00	0.00	0.00	0.00	0.00
		523	4.40	0.00	0.00	0.00	0.00	0.00
847	1	489	90.69	0.00	0.00	0.00	0.00	0.00
		524	-90.69	0.00	0.00	0.00	0.00	0.00
848	1	524	22.38	0.00	0.00	0.00	0.00	0.00
		525	-22.38	0.00	0.00	0.00	0.00	0.00
849	1	525	-23.20	0.00	0.00	0.00	0.00	0.00
		522	23.20	0.00	0.00	0.00	0.00	0.00
850	1	252	-63.10	0.00	0.00	0.00	0.00	0.00
		524	63.10	0.00	0.00	0.00	0.00	0.00
851	1	489	5.35	0.00	0.00	0.00	0.00	0.00
		252	-5.35	0.00	0.00	0.00	0.00	0.00
852	1	489	-0.11	0.00	0.00	0.00	0.00	0.00
		525	0.11	0.00	0.00	0.00	0.00	0.00
853	1	252	21.76	0.00	0.00	0.00	0.00	0.00
		526	-21.76	0.00	0.00	0.00	0.00	0.00
854	1	526	11.56	0.00	0.00	0.00	0.00	0.00
		255	-11.56	0.00	0.00	0.00	0.00	0.00
855	1	255	-52.24	0.00	0.00	0.00	0.00	0.00
		524	52.24	0.00	0.00	0.00	0.00	0.00
856	1	492	-17.46	0.00	0.00	0.00	0.00	0.00
		526	17.46	0.00	0.00	0.00	0.00	0.00
857	1	252	54.42	0.00	0.00	0.00	0.00	0.00
		492	-54.42	0.00	0.00	0.00	0.00	0.00
858	1	252	-4.49	0.00	0.00	0.00	0.00	0.00
		255	4.49	0.00	0.00	0.00	0.00	0.00
859	1	492	39.45	0.00	0.00	0.00	0.00	0.00
		527	-39.45	0.00	0.00	0.00	0.00	0.00
860	1	527	14.56	0.00	0.00	0.00	0.00	0.00
		528	-14.56	0.00	0.00	0.00	0.00	0.00
861	1	528	-14.54	0.00	0.00	0.00	0.00	0.00
		526	14.54	0.00	0.00	0.00	0.00	0.00
862	1	494	-22.16	0.00	0.00	0.00	0.00	0.00
		527	22.16	0.00	0.00	0.00	0.00	0.00
863	1	492	87.10	0.00	0.00	0.00	0.00	0.00
		494	-87.10	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 237

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
864	1	492	0.21	0.00	0.00	0.00	0.00	0.00
		528	-0.21	0.00	0.00	0.00	0.00	0.00
865	1	494	20.94	0.00	0.00	0.00	0.00	0.00
		529	-20.94	0.00	0.00	0.00	0.00	0.00
866	1	529	20.24	0.00	0.00	0.00	0.00	0.00
		530	-20.24	0.00	0.00	0.00	0.00	0.00
867	1	530	-20.23	0.00	0.00	0.00	0.00	0.00
		527	20.23	0.00	0.00	0.00	0.00	0.00
868	1	496	-16.83	0.00	0.00	0.00	0.00	0.00
		529	16.83	0.00	0.00	0.00	0.00	0.00
869	1	494	49.61	0.00	0.00	0.00	0.00	0.00
		496	-49.61	0.00	0.00	0.00	0.00	0.00
870	1	494	-0.01	0.00	0.00	0.00	0.00	0.00
		530	0.01	0.00	0.00	0.00	0.00	0.00
871	1	496	15.44	0.00	0.00	0.00	0.00	0.00
		531	-15.44	0.00	0.00	0.00	0.00	0.00
872	1	531	20.33	0.00	0.00	0.00	0.00	0.00
		532	-20.33	0.00	0.00	0.00	0.00	0.00
873	1	532	-20.37	0.00	0.00	0.00	0.00	0.00
		529	20.37	0.00	0.00	0.00	0.00	0.00
874	1	498	-11.38	0.00	0.00	0.00	0.00	0.00
		531	11.38	0.00	0.00	0.00	0.00	0.00
875	1	496	19.75	0.00	0.00	0.00	0.00	0.00
		498	-19.75	0.00	0.00	0.00	0.00	0.00
876	1	496	0.01	0.00	0.00	0.00	0.00	0.00
		532	-0.01	0.00	0.00	0.00	0.00	0.00
877	1	498	9.64	0.00	0.00	0.00	0.00	0.00
		533	-9.64	0.00	0.00	0.00	0.00	0.00
878	1	533	15.86	0.00	0.00	0.00	0.00	0.00
		534	-15.86	0.00	0.00	0.00	0.00	0.00
879	1	534	-15.85	0.00	0.00	0.00	0.00	0.00
		531	15.85	0.00	0.00	0.00	0.00	0.00
880	1	500	-6.32	0.00	0.00	0.00	0.00	0.00
		533	6.32	0.00	0.00	0.00	0.00	0.00
881	1	498	-0.36	0.00	0.00	0.00	0.00	0.00
		500	0.36	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 238

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
882	1	498 534	-0.01 0.01	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
883	1	500 535	4.47 -4.47	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
884	1	535 536	9.50 -9.50	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
885	1	536 533	-9.51 9.51	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
886	1	502 535	-1.52 1.52	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
887	1	500 502	-11.25 11.25	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
888	1	500 536	0.00 -0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
889	1	502 537	-0.38 0.38	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
890	1	537 538	2.44 -2.44	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
891	1	538 535	-2.44 2.44	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
892	1	504 537	3.37 -3.37	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
893	1	502 504	-13.23 13.23	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
894	1	502 538	0.00 -0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
895	1	504 539	-5.34 5.34	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
896	1	539 540	-4.70 4.70	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
897	1	540 537	4.70 -4.70	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
898	1	506 539	8.61 -8.61	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
899	1	504 506	-6.24 6.24	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 239

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
900	1	504	-0.00	0.00	0.00	0.00	0.00	0.00
		540	0.00	0.00	0.00	0.00	0.00	0.00
901	1	506	-10.73	0.00	0.00	0.00	0.00	0.00
		541	10.73	0.00	0.00	0.00	0.00	0.00
902	1	541	-11.16	0.00	0.00	0.00	0.00	0.00
		542	11.16	0.00	0.00	0.00	0.00	0.00
903	1	542	11.16	0.00	0.00	0.00	0.00	0.00
		539	-11.16	0.00	0.00	0.00	0.00	0.00
904	1	506	0.00	0.00	0.00	0.00	0.00	0.00
		542	-0.00	0.00	0.00	0.00	0.00	0.00
905	1	508	12.71	0.00	0.00	0.00	0.00	0.00
		541	-12.71	0.00	0.00	0.00	0.00	0.00
906	1	508	-16.36	0.00	0.00	0.00	0.00	0.00
		543	16.36	0.00	0.00	0.00	0.00	0.00
907	1	543	-14.72	0.00	0.00	0.00	0.00	0.00
		544	14.72	0.00	0.00	0.00	0.00	0.00
908	1	544	14.71	0.00	0.00	0.00	0.00	0.00
		541	-14.71	0.00	0.00	0.00	0.00	0.00
909	1	510	24.82	0.00	0.00	0.00	0.00	0.00
		543	-24.82	0.00	0.00	0.00	0.00	0.00
910	1	508	33.15	0.00	0.00	0.00	0.00	0.00
		510	-33.15	0.00	0.00	0.00	0.00	0.00
911	1	508	0.00	0.00	0.00	0.00	0.00	0.00
		544	-0.00	0.00	0.00	0.00	0.00	0.00
912	1	510	1.62	0.00	0.00	0.00	0.00	0.00
		545	-1.62	0.00	0.00	0.00	0.00	0.00
913	1	545	6.49	0.00	0.00	0.00	0.00	0.00
		546	-6.49	0.00	0.00	0.00	0.00	0.00
914	1	546	20.05	0.00	0.00	0.00	0.00	0.00
		543	-20.05	0.00	0.00	0.00	0.00	0.00
915	1	512	0.59	0.00	0.00	0.00	0.00	0.00
		545	-0.59	0.00	0.00	0.00	0.00	0.00
916	1	510	-26.83	0.00	0.00	0.00	0.00	0.00
		512	26.83	0.00	0.00	0.00	0.00	0.00
917	1	510	-11.52	0.00	0.00	0.00	0.00	0.00
		546	11.52	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 240

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
918	1	512	-2.67	0.00	0.00	0.00	0.00	0.00
		547	2.67	0.00	0.00	0.00	0.00	0.00
919	1	547	-0.61	0.00	0.00	0.00	0.00	0.00
		548	0.61	0.00	0.00	0.00	0.00	0.00
920	1	548	0.63	0.00	0.00	0.00	0.00	0.00
		545	-0.63	0.00	0.00	0.00	0.00	0.00
921	1	514	4.65	0.00	0.00	0.00	0.00	0.00
		547	-4.65	0.00	0.00	0.00	0.00	0.00
922	1	512	-23.57	0.00	0.00	0.00	0.00	0.00
		514	23.57	0.00	0.00	0.00	0.00	0.00
923	1	512	-0.02	0.00	0.00	0.00	0.00	0.00
		548	0.02	0.00	0.00	0.00	0.00	0.00
924	1	514	-6.12	0.00	0.00	0.00	0.00	0.00
		549	6.12	0.00	0.00	0.00	0.00	0.00
925	1	549	-7.26	0.00	0.00	0.00	0.00	0.00
		550	7.26	0.00	0.00	0.00	0.00	0.00
926	1	550	7.22	0.00	0.00	0.00	0.00	0.00
		547	-7.22	0.00	0.00	0.00	0.00	0.00
927	1	514	0.02	0.00	0.00	0.00	0.00	0.00
		550	-0.02	0.00	0.00	0.00	0.00	0.00
928	1	506	10.19	0.00	0.00	0.00	0.00	0.00
		508	-10.19	0.00	0.00	0.00	0.00	0.00
929	1	521	0.00	0.00	0.00	0.00	0.00	0.00
		551	-0.00	0.00	0.00	0.00	0.00	0.00
930	1	515	-0.00	0.00	0.00	0.00	0.00	0.00
		551	0.00	0.00	0.00	0.00	0.00	0.00
931	1	515	-0.00	0.00	0.00	0.00	0.00	0.00
		487	0.00	0.00	0.00	0.00	0.00	0.00
932	1	515	1.03	0.00	0.00	0.00	0.00	0.00
		521	-1.03	0.00	0.00	0.00	0.00	0.00
933	1	517	9.96	0.00	0.00	0.00	0.00	0.00
		549	-9.96	0.00	0.00	0.00	0.00	0.00
934	1	514	-13.72	0.00	0.00	0.00	0.00	0.00
		517	13.72	0.00	0.00	0.00	0.00	0.00
935	1	517	-10.87	0.00	0.00	0.00	0.00	0.00
		552	10.87	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 241

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
936	1	552	-13.89	0.00	0.00	0.00	0.00	0.00
		553	13.89	0.00	0.00	0.00	0.00	0.00
937	1	553	13.83	0.00	0.00	0.00	0.00	0.00
		549	-13.83	0.00	0.00	0.00	0.00	0.00
938	1	517	-0.01	0.00	0.00	0.00	0.00	0.00
		553	0.01	0.00	0.00	0.00	0.00	0.00
939	1	519	13.67	0.00	0.00	0.00	0.00	0.00
		552	-13.67	0.00	0.00	0.00	0.00	0.00
940	1	517	5.75	0.00	0.00	0.00	0.00	0.00
		519	-5.75	0.00	0.00	0.00	0.00	0.00
941	1	519	-12.49	0.00	0.00	0.00	0.00	0.00
		554	12.49	0.00	0.00	0.00	0.00	0.00
942	1	554	-14.77	0.00	0.00	0.00	0.00	0.00
		555	14.77	0.00	0.00	0.00	0.00	0.00
943	1	555	15.87	0.00	0.00	0.00	0.00	0.00
		552	-15.87	0.00	0.00	0.00	0.00	0.00
944	1	519	-0.33	0.00	0.00	0.00	0.00	0.00
		555	0.33	0.00	0.00	0.00	0.00	0.00
945	1	520	11.23	0.00	0.00	0.00	0.00	0.00
		554	-11.23	0.00	0.00	0.00	0.00	0.00
946	1	519	29.31	0.00	0.00	0.00	0.00	0.00
		520	-29.31	0.00	0.00	0.00	0.00	0.00
947	1	556	8.79	0.00	0.00	0.00	0.00	0.00
		554	-8.79	0.00	0.00	0.00	0.00	0.00
948	1	520	-2.05	0.00	0.00	0.00	0.00	0.00
		556	2.05	0.00	0.00	0.00	0.00	0.00
949	1	324	0.05	0.00	0.00	0.00	0.00	0.00
		218	-0.05	0.00	0.00	0.00	0.00	0.00
950	1	218	9.52	0.00	0.00	0.00	0.00	0.00
		326	-9.52	0.00	0.00	0.00	0.00	0.00
951	1	326	25.74	0.00	0.00	0.00	0.00	0.00
		221	-25.74	0.00	0.00	0.00	0.00	0.00
952	1	221	14.58	0.00	0.00	0.00	0.00	0.00
		379	-14.58	0.00	0.00	0.00	0.00	0.00
953	1	379	23.77	0.00	0.00	0.00	0.00	0.00
		233	-23.77	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 242

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
954	1	233	16.87	0.00	0.00	0.00	0.00	0.00
		415	-16.87	0.00	0.00	0.00	0.00	0.00
955	1	415	21.98	0.00	0.00	0.00	0.00	0.00
		236	-21.98	0.00	0.00	0.00	0.00	0.00
956	1	236	18.39	0.00	0.00	0.00	0.00	0.00
		451	-18.39	0.00	0.00	0.00	0.00	0.00
957	1	451	21.01	0.00	0.00	0.00	0.00	0.00
		245	-21.01	0.00	0.00	0.00	0.00	0.00
958	1	245	20.06	0.00	0.00	0.00	0.00	0.00
		487	-20.06	0.00	0.00	0.00	0.00	0.00
959	1	487	17.31	0.00	0.00	0.00	0.00	0.00
		248	-17.31	0.00	0.00	0.00	0.00	0.00
960	1	248	7.70	0.00	0.00	0.00	0.00	0.00
		523	-7.70	0.00	0.00	0.00	0.00	0.00
961	1	327	73.39	0.00	0.00	0.00	0.00	0.00
		218	-73.39	0.00	0.00	0.00	0.00	0.00
962	1	218	118.71	0.00	0.00	0.00	0.00	0.00
		329	-118.71	0.00	0.00	0.00	0.00	0.00
963	1	329	89.76	0.00	0.00	0.00	0.00	0.00
		221	-89.76	0.00	0.00	0.00	0.00	0.00
964	1	221	110.05	0.00	0.00	0.00	0.00	0.00
		381	-110.05	0.00	0.00	0.00	0.00	0.00
965	1	381	96.98	0.00	0.00	0.00	0.00	0.00
		233	-96.98	0.00	0.00	0.00	0.00	0.00
966	1	233	106.92	0.00	0.00	0.00	0.00	0.00
		417	-106.92	0.00	0.00	0.00	0.00	0.00
967	1	417	99.37	0.00	0.00	0.00	0.00	0.00
		236	-99.37	0.00	0.00	0.00	0.00	0.00
968	1	236	107.37	0.00	0.00	0.00	0.00	0.00
		453	-107.37	0.00	0.00	0.00	0.00	0.00
969	1	453	98.75	0.00	0.00	0.00	0.00	0.00
		245	-98.75	0.00	0.00	0.00	0.00	0.00
970	1	245	111.88	0.00	0.00	0.00	0.00	0.00
		489	-111.88	0.00	0.00	0.00	0.00	0.00
971	1	489	97.30	0.00	0.00	0.00	0.00	0.00
		248	-97.30	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 243

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
972	1	650 629	-5.15 5.15	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
973	1	629 651	25.85 -25.85	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
974	1	651 630	59.22 -59.22	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
975	1	630 652	-47.23 47.23	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
976	1	652 631	43.26 -43.26	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
977	1	631 653	-70.46 70.46	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
978	1	653 632	-57.53 57.53	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
979	1	632 654	49.02 -49.02	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
980	1	654 633	-129.04 129.04	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
981	1	633 655	127.12 -127.12	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
982	1	655 634	-143.84 143.84	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
983	1	634 656	141.81 -141.81	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
984	1	656 635	-144.36 144.36	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
985	1	635 657	145.31 -145.31	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
986	1	657 636	-141.88 141.88	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
987	1	636 658	141.77 -141.77	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
988	1	658 637	-123.43 123.43	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
989	1	637 659	91.74 -91.74	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 244

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
990	1	659	-48.80	0.00	0.00	0.00	0.00	0.00
		638	48.80	0.00	0.00	0.00	0.00	0.00
991	1	638	-24.44	0.00	0.00	0.00	0.00	0.00
		660	24.44	0.00	0.00	0.00	0.00	0.00
992	1	660	98.70	0.00	0.00	0.00	0.00	0.00
		639	-98.70	0.00	0.00	0.00	0.00	0.00
993	1	639	-125.00	0.00	0.00	0.00	0.00	0.00
		661	125.00	0.00	0.00	0.00	0.00	0.00
994	1	661	242.32	0.00	0.00	0.00	0.00	0.00
		640	-242.32	0.00	0.00	0.00	0.00	0.00
995	1	640	-217.51	0.00	0.00	0.00	0.00	0.00
		662	217.51	0.00	0.00	0.00	0.00	0.00
996	1	662	184.88	0.00	0.00	0.00	0.00	0.00
		641	-184.88	0.00	0.00	0.00	0.00	0.00
997	1	641	-224.21	0.00	0.00	0.00	0.00	0.00
		663	224.21	0.00	0.00	0.00	0.00	0.00
998	1	664	-6.43	0.00	0.00	0.00	0.00	0.00
		629	6.43	0.00	0.00	0.00	0.00	0.00
999	1	629	15.96	0.00	0.00	0.00	0.00	0.00
		665	-15.96	0.00	0.00	0.00	0.00	0.00
1000	1	665	47.92	0.00	0.00	0.00	0.00	0.00
		630	-47.92	0.00	0.00	0.00	0.00	0.00
1001	1	630	-38.86	0.00	0.00	0.00	0.00	0.00
		666	38.86	0.00	0.00	0.00	0.00	0.00
1002	1	666	50.38	0.00	0.00	0.00	0.00	0.00
		631	-50.38	0.00	0.00	0.00	0.00	0.00
1003	1	631	-25.07	0.00	0.00	0.00	0.00	0.00
		667	25.07	0.00	0.00	0.00	0.00	0.00
1004	1	667	-10.79	0.00	0.00	0.00	0.00	0.00
		632	10.79	0.00	0.00	0.00	0.00	0.00
1005	1	638	47.99	0.00	0.00	0.00	0.00	0.00
		668	-47.99	0.00	0.00	0.00	0.00	0.00
1006	1	668	178.16	0.00	0.00	0.00	0.00	0.00
		639	-178.16	0.00	0.00	0.00	0.00	0.00
1007	1	639	-141.31	0.00	0.00	0.00	0.00	0.00
		669	141.31	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 245

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1008	1	669	213.96	0.00	0.00	0.00	0.00	0.00
		640	-213.96	0.00	0.00	0.00	0.00	0.00
1009	1	640	-224.72	0.00	0.00	0.00	0.00	0.00
		670	224.72	0.00	0.00	0.00	0.00	0.00
1010	1	670	172.97	0.00	0.00	0.00	0.00	0.00
		641	-172.97	0.00	0.00	0.00	0.00	0.00
1011	1	641	-152.94	0.00	0.00	0.00	0.00	0.00
		671	152.94	0.00	0.00	0.00	0.00	0.00
1012	1	664	0.62	0.00	0.00	0.00	0.00	0.00
		642	-0.62	0.00	0.00	0.00	0.00	0.00
1013	1	642	26.10	0.00	0.00	0.00	0.00	0.00
		665	-26.10	0.00	0.00	0.00	0.00	0.00
1014	1	665	55.72	0.00	0.00	0.00	0.00	0.00
		643	-55.72	0.00	0.00	0.00	0.00	0.00
1015	1	643	-30.35	0.00	0.00	0.00	0.00	0.00
		666	30.35	0.00	0.00	0.00	0.00	0.00
1016	1	666	45.43	0.00	0.00	0.00	0.00	0.00
		644	-45.43	0.00	0.00	0.00	0.00	0.00
1017	1	644	-32.53	0.00	0.00	0.00	0.00	0.00
		667	32.53	0.00	0.00	0.00	0.00	0.00
1018	1	667	-40.66	0.00	0.00	0.00	0.00	0.00
		645	40.66	0.00	0.00	0.00	0.00	0.00
1019	1	646	29.80	0.00	0.00	0.00	0.00	0.00
		668	-29.80	0.00	0.00	0.00	0.00	0.00
1020	1	668	175.94	0.00	0.00	0.00	0.00	0.00
		647	-175.94	0.00	0.00	0.00	0.00	0.00
1021	1	647	-138.26	0.00	0.00	0.00	0.00	0.00
		669	138.26	0.00	0.00	0.00	0.00	0.00
1022	1	669	227.15	0.00	0.00	0.00	0.00	0.00
		648	-227.15	0.00	0.00	0.00	0.00	0.00
1023	1	648	-220.15	0.00	0.00	0.00	0.00	0.00
		670	220.15	0.00	0.00	0.00	0.00	0.00
1024	1	670	167.81	0.00	0.00	0.00	0.00	0.00
		649	-167.81	0.00	0.00	0.00	0.00	0.00
1025	1	649	-163.94	0.00	0.00	0.00	0.00	0.00
		671	163.94	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 246

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1026	1	645	86.33	0.00	0.00	0.00	0.00	0.00
		672	-86.33	0.00	0.00	0.00	0.00	0.00
1027	1	672	-93.15	0.00	0.00	0.00	0.00	0.00
		633	93.15	0.00	0.00	0.00	0.00	0.00
1028	1	633	133.78	0.00	0.00	0.00	0.00	0.00
		673	-133.78	0.00	0.00	0.00	0.00	0.00
1029	1	673	-138.65	0.00	0.00	0.00	0.00	0.00
		634	138.65	0.00	0.00	0.00	0.00	0.00
1030	1	634	144.57	0.00	0.00	0.00	0.00	0.00
		674	-144.57	0.00	0.00	0.00	0.00	0.00
1031	1	674	-145.53	0.00	0.00	0.00	0.00	0.00
		635	145.53	0.00	0.00	0.00	0.00	0.00
1032	1	635	144.41	0.00	0.00	0.00	0.00	0.00
		675	-144.41	0.00	0.00	0.00	0.00	0.00
1033	1	675	-145.69	0.00	0.00	0.00	0.00	0.00
		636	145.69	0.00	0.00	0.00	0.00	0.00
1034	1	636	136.98	0.00	0.00	0.00	0.00	0.00
		676	-136.98	0.00	0.00	0.00	0.00	0.00
1035	1	676	-126.88	0.00	0.00	0.00	0.00	0.00
		637	126.88	0.00	0.00	0.00	0.00	0.00
1036	1	637	94.17	0.00	0.00	0.00	0.00	0.00
		677	-94.17	0.00	0.00	0.00	0.00	0.00
1037	1	677	-38.22	0.00	0.00	0.00	0.00	0.00
		646	38.22	0.00	0.00	0.00	0.00	0.00
1038	1	642	-0.51	0.00	0.00	0.00	0.00	0.00
		678	0.51	0.00	0.00	0.00	0.00	0.00
1039	1	642	22.15	0.00	0.00	0.00	0.00	0.00
		679	-22.15	0.00	0.00	0.00	0.00	0.00
1040	1	679	51.30	0.00	0.00	0.00	0.00	0.00
		643	-51.30	0.00	0.00	0.00	0.00	0.00
1041	1	643	-26.64	0.00	0.00	0.00	0.00	0.00
		680	26.64	0.00	0.00	0.00	0.00	0.00
1042	1	680	52.49	0.00	0.00	0.00	0.00	0.00
		644	-52.49	0.00	0.00	0.00	0.00	0.00
1043	1	644	-97.63	0.00	0.00	0.00	0.00	0.00
		681	97.63	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 247

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1044	1	681	-91.40	0.00	0.00	0.00	0.00	0.00
		645	91.40	0.00	0.00	0.00	0.00	0.00
1045	1	646	86.23	0.00	0.00	0.00	0.00	0.00
		682	-86.23	0.00	0.00	0.00	0.00	0.00
1046	1	682	180.96	0.00	0.00	0.00	0.00	0.00
		647	-180.96	0.00	0.00	0.00	0.00	0.00
1047	1	647	-142.42	0.00	0.00	0.00	0.00	0.00
		683	142.42	0.00	0.00	0.00	0.00	0.00
1048	1	683	221.62	0.00	0.00	0.00	0.00	0.00
		648	-221.62	0.00	0.00	0.00	0.00	0.00
1049	1	648	-216.06	0.00	0.00	0.00	0.00	0.00
		684	216.06	0.00	0.00	0.00	0.00	0.00
1050	1	684	172.29	0.00	0.00	0.00	0.00	0.00
		649	-172.29	0.00	0.00	0.00	0.00	0.00
1051	1	649	-247.38	0.00	0.00	0.00	0.00	0.00
		685	247.38	0.00	0.00	0.00	0.00	0.00
1052	1	678	-0.85	0.00	0.00	0.00	0.00	0.00
		686	0.85	0.00	0.00	0.00	0.00	0.00
1053	1	686	26.28	0.00	0.00	0.00	0.00	0.00
		679	-26.28	0.00	0.00	0.00	0.00	0.00
1054	1	679	53.24	0.00	0.00	0.00	0.00	0.00
		687	-53.24	0.00	0.00	0.00	0.00	0.00
1055	1	687	-25.87	0.00	0.00	0.00	0.00	0.00
		680	25.87	0.00	0.00	0.00	0.00	0.00
1056	1	680	48.59	0.00	0.00	0.00	0.00	0.00
		688	-48.59	0.00	0.00	0.00	0.00	0.00
1057	1	688	-101.85	0.00	0.00	0.00	0.00	0.00
		681	101.85	0.00	0.00	0.00	0.00	0.00
1058	1	681	-101.24	0.00	0.00	0.00	0.00	0.00
		689	101.24	0.00	0.00	0.00	0.00	0.00
1059	1	689	75.21	0.00	0.00	0.00	0.00	0.00
		672	-75.21	0.00	0.00	0.00	0.00	0.00
1060	1	672	-100.51	0.00	0.00	0.00	0.00	0.00
		690	100.51	0.00	0.00	0.00	0.00	0.00
1061	1	690	126.08	0.00	0.00	0.00	0.00	0.00
		673	-126.08	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 248

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1062	1	673	-145.37	0.00	0.00	0.00	0.00	0.00
		691	145.37	0.00	0.00	0.00	0.00	0.00
1063	1	691	145.88	0.00	0.00	0.00	0.00	0.00
		674	-145.88	0.00	0.00	0.00	0.00	0.00
1064	1	674	-148.59	0.00	0.00	0.00	0.00	0.00
		692	148.59	0.00	0.00	0.00	0.00	0.00
1065	1	692	150.55	0.00	0.00	0.00	0.00	0.00
		675	-150.55	0.00	0.00	0.00	0.00	0.00
1066	1	675	-144.36	0.00	0.00	0.00	0.00	0.00
		693	144.36	0.00	0.00	0.00	0.00	0.00
1067	1	693	144.97	0.00	0.00	0.00	0.00	0.00
		676	-144.97	0.00	0.00	0.00	0.00	0.00
1068	1	676	-122.64	0.00	0.00	0.00	0.00	0.00
		694	122.64	0.00	0.00	0.00	0.00	0.00
1069	1	694	93.00	0.00	0.00	0.00	0.00	0.00
		677	-93.00	0.00	0.00	0.00	0.00	0.00
1070	1	677	-33.07	0.00	0.00	0.00	0.00	0.00
		695	33.07	0.00	0.00	0.00	0.00	0.00
1071	1	695	86.26	0.00	0.00	0.00	0.00	0.00
		682	-86.26	0.00	0.00	0.00	0.00	0.00
1072	1	682	182.15	0.00	0.00	0.00	0.00	0.00
		696	-182.15	0.00	0.00	0.00	0.00	0.00
1073	1	696	-144.27	0.00	0.00	0.00	0.00	0.00
		683	144.27	0.00	0.00	0.00	0.00	0.00
1074	1	683	226.36	0.00	0.00	0.00	0.00	0.00
		697	-226.36	0.00	0.00	0.00	0.00	0.00
1075	1	697	-212.77	0.00	0.00	0.00	0.00	0.00
		684	212.77	0.00	0.00	0.00	0.00	0.00
1076	1	684	175.73	0.00	0.00	0.00	0.00	0.00
		698	-175.73	0.00	0.00	0.00	0.00	0.00
1077	1	698	-248.38	0.00	0.00	0.00	0.00	0.00
		685	248.38	0.00	0.00	0.00	0.00	0.00
1078	1	707	-1.10	0.00	0.00	0.00	0.00	0.00
		686	1.10	0.00	0.00	0.00	0.00	0.00
1079	1	686	23.23	0.00	0.00	0.00	0.00	0.00
		708	-23.23	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 249

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1080	1	708 687	50.68 -50.68	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1081	1	687 709	-27.86 27.86	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1082	1	709 688	47.28 -47.28	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1083	1	688 710	-10.48 10.48	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1084	1	710 689	-21.84 21.84	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1085	1	695 711	10.67 -10.67	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1086	1	711 696	172.76 -172.76	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1087	1	696 712	-156.47 156.47	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1088	1	712 697	215.87 -215.87	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1089	1	697 713	-225.47 225.47	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1090	1	713 698	166.12 -166.12	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1091	1	698 714	-158.01 158.01	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1092	1	707 699	-2.08 2.08	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1093	1	699 708	25.29 -25.29	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1094	1	708 700	51.26 -51.26	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1095	1	700 709	-26.88 26.88	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1096	1	709 701	47.47 -47.47	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1097	1	701 710	-10.83 10.83	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 250

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1098	1	710	-23.53	0.00	0.00	0.00	0.00	0.00
		702	23.53	0.00	0.00	0.00	0.00	0.00
1099	1	703	25.02	0.00	0.00	0.00	0.00	0.00
		711	-25.02	0.00	0.00	0.00	0.00	0.00
1100	1	711	186.65	0.00	0.00	0.00	0.00	0.00
		704	-186.65	0.00	0.00	0.00	0.00	0.00
1101	1	704	-147.54	0.00	0.00	0.00	0.00	0.00
		712	147.54	0.00	0.00	0.00	0.00	0.00
1102	1	712	222.75	0.00	0.00	0.00	0.00	0.00
		705	-222.75	0.00	0.00	0.00	0.00	0.00
1103	1	705	-223.65	0.00	0.00	0.00	0.00	0.00
		713	223.65	0.00	0.00	0.00	0.00	0.00
1104	1	713	165.05	0.00	0.00	0.00	0.00	0.00
		706	-165.05	0.00	0.00	0.00	0.00	0.00
1105	1	706	-163.02	0.00	0.00	0.00	0.00	0.00
		714	163.02	0.00	0.00	0.00	0.00	0.00
1106	1	702	82.22	0.00	0.00	0.00	0.00	0.00
		715	-82.22	0.00	0.00	0.00	0.00	0.00
1107	1	715	-95.82	0.00	0.00	0.00	0.00	0.00
		690	95.82	0.00	0.00	0.00	0.00	0.00
1108	1	690	133.74	0.00	0.00	0.00	0.00	0.00
		716	-133.74	0.00	0.00	0.00	0.00	0.00
1109	1	716	-143.34	0.00	0.00	0.00	0.00	0.00
		691	143.34	0.00	0.00	0.00	0.00	0.00
1110	1	691	150.83	0.00	0.00	0.00	0.00	0.00
		717	-150.83	0.00	0.00	0.00	0.00	0.00
1111	1	717	-153.02	0.00	0.00	0.00	0.00	0.00
		692	153.02	0.00	0.00	0.00	0.00	0.00
1112	1	692	149.80	0.00	0.00	0.00	0.00	0.00
		718	-149.80	0.00	0.00	0.00	0.00	0.00
1113	1	718	-153.64	0.00	0.00	0.00	0.00	0.00
		693	153.64	0.00	0.00	0.00	0.00	0.00
1114	1	693	135.13	0.00	0.00	0.00	0.00	0.00
		719	-135.13	0.00	0.00	0.00	0.00	0.00
1115	1	719	-134.72	0.00	0.00	0.00	0.00	0.00
		694	134.72	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 251

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1116	1	694 720	73.28 -73.28	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1117	1	720 703	-44.08 44.08	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1118	1	699 721	-1.73 1.73	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1119	1	699 722	25.88 -25.88	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1120	1	722 700	52.37 -52.37	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1121	1	700 723	-27.21 27.21	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1122	1	723 701	48.18 -48.18	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1123	1	701 724	-100.22 100.22	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1124	1	724 702	-100.19 100.19	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1125	1	703 725	61.44 -61.44	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1126	1	725 704	165.88 -165.88	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1127	1	704 726	-157.31 157.31	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1128	1	726 705	221.67 -221.67	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1129	1	705 727	-215.00 215.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1130	1	727 706	179.60 -179.60	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1131	1	706 728	-242.32 242.32	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1132	1	721 729	-3.03 3.03	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1133	1	729 722	29.09 -29.09	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 252

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1134	1	722	54.56	0.00	0.00	0.00	0.00	0.00
		730	-54.56	0.00	0.00	0.00	0.00	0.00
1135	1	730	-25.79	0.00	0.00	0.00	0.00	0.00
		723	25.79	0.00	0.00	0.00	0.00	0.00
1136	1	723	51.63	0.00	0.00	0.00	0.00	0.00
		731	-51.63	0.00	0.00	0.00	0.00	0.00
1137	1	731	-97.09	0.00	0.00	0.00	0.00	0.00
		724	97.09	0.00	0.00	0.00	0.00	0.00
1138	1	724	-97.82	0.00	0.00	0.00	0.00	0.00
		732	97.82	0.00	0.00	0.00	0.00	0.00
1139	1	732	83.90	0.00	0.00	0.00	0.00	0.00
		715	-83.90	0.00	0.00	0.00	0.00	0.00
1140	1	715	-99.35	0.00	0.00	0.00	0.00	0.00
		733	99.35	0.00	0.00	0.00	0.00	0.00
1141	1	733	134.24	0.00	0.00	0.00	0.00	0.00
		716	-134.24	0.00	0.00	0.00	0.00	0.00
1142	1	716	-147.56	0.00	0.00	0.00	0.00	0.00
		734	147.56	0.00	0.00	0.00	0.00	0.00
1143	1	734	154.29	0.00	0.00	0.00	0.00	0.00
		717	-154.29	0.00	0.00	0.00	0.00	0.00
1144	1	717	-154.26	0.00	0.00	0.00	0.00	0.00
		735	154.26	0.00	0.00	0.00	0.00	0.00
1145	1	735	157.15	0.00	0.00	0.00	0.00	0.00
		718	-157.15	0.00	0.00	0.00	0.00	0.00
1146	1	718	-147.43	0.00	0.00	0.00	0.00	0.00
		736	147.43	0.00	0.00	0.00	0.00	0.00
1147	1	736	146.81	0.00	0.00	0.00	0.00	0.00
		719	-146.81	0.00	0.00	0.00	0.00	0.00
1148	1	719	-115.27	0.00	0.00	0.00	0.00	0.00
		737	115.27	0.00	0.00	0.00	0.00	0.00
1149	1	737	93.19	0.00	0.00	0.00	0.00	0.00
		720	-93.19	0.00	0.00	0.00	0.00	0.00
1150	1	720	-19.66	0.00	0.00	0.00	0.00	0.00
		738	19.66	0.00	0.00	0.00	0.00	0.00
1151	1	738	82.68	0.00	0.00	0.00	0.00	0.00
		725	-82.68	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 253

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1152	1	725	187.56	0.00	0.00	0.00	0.00	0.00
		739	-187.56	0.00	0.00	0.00	0.00	0.00
1153	1	739	-143.49	0.00	0.00	0.00	0.00	0.00
		726	143.49	0.00	0.00	0.00	0.00	0.00
1154	1	726	228.99	0.00	0.00	0.00	0.00	0.00
		740	-228.99	0.00	0.00	0.00	0.00	0.00
1155	1	740	-217.50	0.00	0.00	0.00	0.00	0.00
		727	217.50	0.00	0.00	0.00	0.00	0.00
1156	1	727	173.12	0.00	0.00	0.00	0.00	0.00
		741	-173.12	0.00	0.00	0.00	0.00	0.00
1157	1	741	-254.21	0.00	0.00	0.00	0.00	0.00
		728	254.21	0.00	0.00	0.00	0.00	0.00
1158	1	750	-2.27	0.00	0.00	0.00	0.00	0.00
		729	2.27	0.00	0.00	0.00	0.00	0.00
1159	1	729	26.64	0.00	0.00	0.00	0.00	0.00
		751	-26.64	0.00	0.00	0.00	0.00	0.00
1160	1	751	53.67	0.00	0.00	0.00	0.00	0.00
		730	-53.67	0.00	0.00	0.00	0.00	0.00
1161	1	730	-33.56	0.00	0.00	0.00	0.00	0.00
		752	33.56	0.00	0.00	0.00	0.00	0.00
1162	1	752	43.36	0.00	0.00	0.00	0.00	0.00
		731	-43.36	0.00	0.00	0.00	0.00	0.00
1163	1	731	-27.68	0.00	0.00	0.00	0.00	0.00
		753	27.68	0.00	0.00	0.00	0.00	0.00
1164	1	753	-37.85	0.00	0.00	0.00	0.00	0.00
		732	37.85	0.00	0.00	0.00	0.00	0.00
1165	1	738	-3.04	0.00	0.00	0.00	0.00	0.00
		754	3.04	0.00	0.00	0.00	0.00	0.00
1166	1	754	165.40	0.00	0.00	0.00	0.00	0.00
		739	-165.40	0.00	0.00	0.00	0.00	0.00
1167	1	739	-158.67	0.00	0.00	0.00	0.00	0.00
		755	158.67	0.00	0.00	0.00	0.00	0.00
1168	1	755	224.93	0.00	0.00	0.00	0.00	0.00
		740	-224.93	0.00	0.00	0.00	0.00	0.00
1169	1	740	-226.66	0.00	0.00	0.00	0.00	0.00
		756	226.66	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 254

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1170	1	756	174.21	0.00	0.00	0.00	0.00	0.00
		741	-174.21	0.00	0.00	0.00	0.00	0.00
1171	1	741	-157.34	0.00	0.00	0.00	0.00	0.00
		757	157.34	0.00	0.00	0.00	0.00	0.00
1172	1	750	-2.92	0.00	0.00	0.00	0.00	0.00
		742	2.92	0.00	0.00	0.00	0.00	0.00
1173	1	742	29.54	0.00	0.00	0.00	0.00	0.00
		751	-29.54	0.00	0.00	0.00	0.00	0.00
1174	1	751	58.23	0.00	0.00	0.00	0.00	0.00
		743	-58.23	0.00	0.00	0.00	0.00	0.00
1175	1	743	-30.38	0.00	0.00	0.00	0.00	0.00
		752	30.38	0.00	0.00	0.00	0.00	0.00
1176	1	752	45.76	0.00	0.00	0.00	0.00	0.00
		744	-45.76	0.00	0.00	0.00	0.00	0.00
1177	1	744	-27.81	0.00	0.00	0.00	0.00	0.00
		753	27.81	0.00	0.00	0.00	0.00	0.00
1178	1	753	-35.80	0.00	0.00	0.00	0.00	0.00
		745	35.80	0.00	0.00	0.00	0.00	0.00
1179	1	746	34.72	0.00	0.00	0.00	0.00	0.00
		754	-34.72	0.00	0.00	0.00	0.00	0.00
1180	1	754	200.34	0.00	0.00	0.00	0.00	0.00
		747	-200.34	0.00	0.00	0.00	0.00	0.00
1181	1	747	-148.03	0.00	0.00	0.00	0.00	0.00
		755	148.03	0.00	0.00	0.00	0.00	0.00
1182	1	755	232.70	0.00	0.00	0.00	0.00	0.00
		748	-232.70	0.00	0.00	0.00	0.00	0.00
1183	1	748	-233.77	0.00	0.00	0.00	0.00	0.00
		756	233.77	0.00	0.00	0.00	0.00	0.00
1184	1	756	163.28	0.00	0.00	0.00	0.00	0.00
		749	-163.28	0.00	0.00	0.00	0.00	0.00
1185	1	749	-178.87	0.00	0.00	0.00	0.00	0.00
		757	178.87	0.00	0.00	0.00	0.00	0.00
1186	1	745	40.22	0.00	0.00	0.00	0.00	0.00
		758	-40.22	0.00	0.00	0.00	0.00	0.00
1187	1	758	-122.93	0.00	0.00	0.00	0.00	0.00
		733	122.93	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 255

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1188	1	733	138.61	0.00	0.00	0.00	0.00	0.00
		759	-138.61	0.00	0.00	0.00	0.00	0.00
1189	1	759	-151.23	0.00	0.00	0.00	0.00	0.00
		734	151.23	0.00	0.00	0.00	0.00	0.00
1190	1	734	159.19	0.00	0.00	0.00	0.00	0.00
		760	-159.19	0.00	0.00	0.00	0.00	0.00
1191	1	760	-160.87	0.00	0.00	0.00	0.00	0.00
		735	160.87	0.00	0.00	0.00	0.00	0.00
1192	1	735	157.70	0.00	0.00	0.00	0.00	0.00
		761	-157.70	0.00	0.00	0.00	0.00	0.00
1193	1	761	-157.38	0.00	0.00	0.00	0.00	0.00
		736	157.38	0.00	0.00	0.00	0.00	0.00
1194	1	736	139.00	0.00	0.00	0.00	0.00	0.00
		762	-139.00	0.00	0.00	0.00	0.00	0.00
1195	1	762	-127.85	0.00	0.00	0.00	0.00	0.00
		737	127.85	0.00	0.00	0.00	0.00	0.00
1196	1	737	77.93	0.00	0.00	0.00	0.00	0.00
		763	-77.93	0.00	0.00	0.00	0.00	0.00
1197	1	763	-14.75	0.00	0.00	0.00	0.00	0.00
		746	14.75	0.00	0.00	0.00	0.00	0.00
1198	1	742	-2.14	0.00	0.00	0.00	0.00	0.00
		764	2.14	0.00	0.00	0.00	0.00	0.00
1199	1	742	55.12	0.00	0.00	0.00	0.00	0.00
		765	-55.12	0.00	0.00	0.00	0.00	0.00
1200	1	765	83.31	0.00	0.00	0.00	0.00	0.00
		743	-83.31	0.00	0.00	0.00	0.00	0.00
1201	1	743	-39.17	0.00	0.00	0.00	0.00	0.00
		766	39.17	0.00	0.00	0.00	0.00	0.00
1202	1	766	39.67	0.00	0.00	0.00	0.00	0.00
		744	-39.67	0.00	0.00	0.00	0.00	0.00
1203	1	744	-73.32	0.00	0.00	0.00	0.00	0.00
		767	73.32	0.00	0.00	0.00	0.00	0.00
1204	1	767	-78.28	0.00	0.00	0.00	0.00	0.00
		745	78.28	0.00	0.00	0.00	0.00	0.00
1205	1	746	21.58	0.00	0.00	0.00	0.00	0.00
		768	-21.58	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 256

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1206	1	768	184.04	0.00	0.00	0.00	0.00	0.00
		747	-184.04	0.00	0.00	0.00	0.00	0.00
1207	1	747	-166.66	0.00	0.00	0.00	0.00	0.00
		769	166.66	0.00	0.00	0.00	0.00	0.00
1208	1	769	239.30	0.00	0.00	0.00	0.00	0.00
		748	-239.30	0.00	0.00	0.00	0.00	0.00
1209	1	748	-228.57	0.00	0.00	0.00	0.00	0.00
		770	228.57	0.00	0.00	0.00	0.00	0.00
1210	1	770	182.10	0.00	0.00	0.00	0.00	0.00
		749	-182.10	0.00	0.00	0.00	0.00	0.00
1211	1	749	-241.57	0.00	0.00	0.00	0.00	0.00
		771	241.57	0.00	0.00	0.00	0.00	0.00
1212	1	663	-57.41	0.00	0.00	0.00	0.00	0.00
		778	57.41	0.00	0.00	0.00	0.00	0.00
1213	1	778	19.55	0.00	0.00	0.00	0.00	0.00
		784	-19.55	0.00	0.00	0.00	0.00	0.00
1214	1	784	-100.39	0.00	0.00	0.00	0.00	0.00
		779	100.39	0.00	0.00	0.00	0.00	0.00
1215	1	779	137.05	0.00	0.00	0.00	0.00	0.00
		785	-137.05	0.00	0.00	0.00	0.00	0.00
1216	1	785	-117.97	0.00	0.00	0.00	0.00	0.00
		780	117.97	0.00	0.00	0.00	0.00	0.00
1217	1	780	127.94	0.00	0.00	0.00	0.00	0.00
		786	-127.94	0.00	0.00	0.00	0.00	0.00
1218	1	671	13.00	0.00	0.00	0.00	0.00	0.00
		778	-13.00	0.00	0.00	0.00	0.00	0.00
1219	1	778	13.66	0.00	0.00	0.00	0.00	0.00
		787	-13.66	0.00	0.00	0.00	0.00	0.00
1220	1	787	-105.07	0.00	0.00	0.00	0.00	0.00
		779	105.07	0.00	0.00	0.00	0.00	0.00
1221	1	779	144.95	0.00	0.00	0.00	0.00	0.00
		788	-144.95	0.00	0.00	0.00	0.00	0.00
1222	1	788	-121.80	0.00	0.00	0.00	0.00	0.00
		780	121.80	0.00	0.00	0.00	0.00	0.00
1223	1	780	128.64	0.00	0.00	0.00	0.00	0.00
		789	-128.64	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 257

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1224	1	671 781	1.17 -1.17	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1225	1	781 787	1.47 -1.47	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1226	1	787 782	-109.15 109.15	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1227	1	782 788	145.94 -145.94	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1228	1	788 783	-125.20 125.20	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1229	1	783 789	144.70 -144.70	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1230	1	685 781	-84.04 84.04	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1231	1	781 790	25.34 -25.34	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1232	1	790 782	-87.81 87.81	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1233	1	782 791	152.27 -152.27	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1234	1	791 783	-124.38 124.38	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1235	1	783 792	145.76 -145.76	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1236	1	685 793	-86.25 86.25	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1237	1	793 790	22.31 -22.31	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1238	1	790 794	-91.52 91.52	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1239	1	794 791	149.86 -149.86	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1240	1	791 795	-128.50 128.50	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1241	1	795 792	144.76 -144.76	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 258

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1242	1	714 793	7.05 -7.05	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1243	1	793 799	10.33 -10.33	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1244	1	799 794	-104.70 104.70	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1245	1	794 800	157.13 -157.13	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1246	1	800 795	-123.59 123.59	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1247	1	795 801	149.91 -149.91	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1248	1	714 796	1.18 -1.18	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1249	1	796 799	2.62 -2.62	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1250	1	799 797	-109.61 109.61	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1251	1	797 800	151.87 -151.87	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1252	1	800 798	-127.09 127.09	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1253	1	798 801	147.09 -147.09	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1254	1	728 796	-75.71 75.71	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1255	1	796 802	29.49 -29.49	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1256	1	802 797	-82.34 82.34	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1257	1	797 803	154.79 -154.79	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1258	1	803 798	-124.01 124.01	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1259	1	798 804	148.72 -148.72	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 259

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1260	1	728 805	-87.19 87.19	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1261	1	805 802	16.54 -16.54	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1262	1	802 806	-87.10 87.10	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1263	1	806 803	149.90 -149.90	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1264	1	803 807	-118.95 118.95	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1265	1	807 804	154.38 -154.38	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1266	1	757 805	16.66 -16.66	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1267	1	805 811	5.86 -5.86	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1268	1	811 806	-95.40 95.40	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1269	1	806 812	143.25 -143.25	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1270	1	812 807	-125.48 125.48	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1271	1	807 813	139.46 -139.46	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1272	1	757 808	0.63 -0.63	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1273	1	808 811	-11.76 11.76	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1274	1	811 809	-101.36 101.36	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1275	1	809 812	141.83 -141.83	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1276	1	812 810	-97.09 97.09	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1277	1	810 813	171.81 -171.81	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 260

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1278	1	771 808	-55.50 55.50	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1279	1	808 814	3.11 -3.11	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1280	1	814 809	-87.33 87.33	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1281	1	809 815	120.75 -120.75	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1282	1	815 810	-120.11 120.11	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1283	1	810 816	85.11 -85.11	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1284	1	891 890	10.13 -10.13	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1285	1	891 893	-3.11 3.11	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1286	1	893 894	40.67 -40.67	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1287	1	894 890	-0.26 0.26	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1288	1	895 893	0.00 -0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1289	1	891 895	-0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1290	1	891 894	-5.00 5.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1291	1	895 897	-0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1292	1	897 898	27.70 -27.70	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1293	1	898 893	-29.04 29.04	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1294	1	786 897	-33.18 33.18	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1296	1	786 900	17.64 -17.64	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

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4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 261

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1297	1	900	34.68	0.00	0.00	0.00	0.00	0.00
		789	-34.68	0.00	0.00	0.00	0.00	0.00
1298	1	789	-12.60	0.00	0.00	0.00	0.00	0.00
		897	12.60	0.00	0.00	0.00	0.00	0.00
1299	1	901	-17.85	0.00	0.00	0.00	0.00	0.00
		900	17.85	0.00	0.00	0.00	0.00	0.00
1300	1	786	91.21	0.00	0.00	0.00	0.00	0.00
		901	-91.21	0.00	0.00	0.00	0.00	0.00
1301	1	901	31.46	0.00	0.00	0.00	0.00	0.00
		903	-31.46	0.00	0.00	0.00	0.00	0.00
1302	1	903	30.79	0.00	0.00	0.00	0.00	0.00
		904	-30.79	0.00	0.00	0.00	0.00	0.00
1303	1	904	-14.65	0.00	0.00	0.00	0.00	0.00
		900	14.65	0.00	0.00	0.00	0.00	0.00
1304	1	905	-30.20	0.00	0.00	0.00	0.00	0.00
		903	30.20	0.00	0.00	0.00	0.00	0.00
1305	1	901	94.90	0.00	0.00	0.00	0.00	0.00
		905	-94.90	0.00	0.00	0.00	0.00	0.00
1306	1	901	-3.81	0.00	0.00	0.00	0.00	0.00
		904	3.81	0.00	0.00	0.00	0.00	0.00
1307	1	905	30.22	0.00	0.00	0.00	0.00	0.00
		907	-30.22	0.00	0.00	0.00	0.00	0.00
1308	1	907	20.18	0.00	0.00	0.00	0.00	0.00
		908	-20.18	0.00	0.00	0.00	0.00	0.00
1309	1	908	-23.69	0.00	0.00	0.00	0.00	0.00
		903	23.69	0.00	0.00	0.00	0.00	0.00
1310	1	909	-27.11	0.00	0.00	0.00	0.00	0.00
		907	27.11	0.00	0.00	0.00	0.00	0.00
1311	1	905	69.84	0.00	0.00	0.00	0.00	0.00
		909	-69.84	0.00	0.00	0.00	0.00	0.00
1312	1	905	-0.01	0.00	0.00	0.00	0.00	0.00
		908	0.01	0.00	0.00	0.00	0.00	0.00
1313	1	909	27.03	0.00	0.00	0.00	0.00	0.00
		911	-27.03	0.00	0.00	0.00	0.00	0.00
1314	1	911	15.32	0.00	0.00	0.00	0.00	0.00
		912	-15.32	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 262

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1315	1	912	-18.47	0.00	0.00	0.00	0.00	0.00
		907	18.47	0.00	0.00	0.00	0.00	0.00
1316	1	913	-20.90	0.00	0.00	0.00	0.00	0.00
		911	20.90	0.00	0.00	0.00	0.00	0.00
1317	1	909	47.37	0.00	0.00	0.00	0.00	0.00
		913	-47.37	0.00	0.00	0.00	0.00	0.00
1318	1	909	0.02	0.00	0.00	0.00	0.00	0.00
		912	-0.02	0.00	0.00	0.00	0.00	0.00
1319	1	913	20.97	0.00	0.00	0.00	0.00	0.00
		915	-20.97	0.00	0.00	0.00	0.00	0.00
1320	1	915	10.21	0.00	0.00	0.00	0.00	0.00
		916	-10.21	0.00	0.00	0.00	0.00	0.00
1321	1	916	-13.12	0.00	0.00	0.00	0.00	0.00
		911	13.12	0.00	0.00	0.00	0.00	0.00
1322	1	917	-13.67	0.00	0.00	0.00	0.00	0.00
		915	13.67	0.00	0.00	0.00	0.00	0.00
1323	1	913	29.98	0.00	0.00	0.00	0.00	0.00
		917	-29.98	0.00	0.00	0.00	0.00	0.00
1324	1	913	-0.02	0.00	0.00	0.00	0.00	0.00
		916	0.02	0.00	0.00	0.00	0.00	0.00
1325	1	917	13.62	0.00	0.00	0.00	0.00	0.00
		919	-13.62	0.00	0.00	0.00	0.00	0.00
1326	1	919	5.39	0.00	0.00	0.00	0.00	0.00
		920	-5.39	0.00	0.00	0.00	0.00	0.00
1327	1	920	-8.15	0.00	0.00	0.00	0.00	0.00
		915	8.15	0.00	0.00	0.00	0.00	0.00
1328	1	921	-6.02	0.00	0.00	0.00	0.00	0.00
		919	6.02	0.00	0.00	0.00	0.00	0.00
1329	1	917	18.66	0.00	0.00	0.00	0.00	0.00
		921	-18.66	0.00	0.00	0.00	0.00	0.00
1330	1	917	0.02	0.00	0.00	0.00	0.00	0.00
		920	-0.02	0.00	0.00	0.00	0.00	0.00
1331	1	921	6.04	0.00	0.00	0.00	0.00	0.00
		923	-6.04	0.00	0.00	0.00	0.00	0.00
1332	1	923	0.78	0.00	0.00	0.00	0.00	0.00
		924	-0.78	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 263

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1333	1	924	-3.32	0.00	0.00	0.00	0.00	0.00
		919	3.32	0.00	0.00	0.00	0.00	0.00
1334	1	925	1.41	0.00	0.00	0.00	0.00	0.00
		923	-1.41	0.00	0.00	0.00	0.00	0.00
1335	1	921	13.65	0.00	0.00	0.00	0.00	0.00
		925	-13.65	0.00	0.00	0.00	0.00	0.00
1336	1	921	-0.01	0.00	0.00	0.00	0.00	0.00
		924	0.01	0.00	0.00	0.00	0.00	0.00
1337	1	925	-1.43	0.00	0.00	0.00	0.00	0.00
		927	1.43	0.00	0.00	0.00	0.00	0.00
1338	1	927	-4.04	0.00	0.00	0.00	0.00	0.00
		928	4.04	0.00	0.00	0.00	0.00	0.00
1339	1	928	1.53	0.00	0.00	0.00	0.00	0.00
		923	-1.53	0.00	0.00	0.00	0.00	0.00
1340	1	929	8.11	0.00	0.00	0.00	0.00	0.00
		927	-8.11	0.00	0.00	0.00	0.00	0.00
1341	1	925	14.83	0.00	0.00	0.00	0.00	0.00
		929	-14.83	0.00	0.00	0.00	0.00	0.00
1342	1	925	0.00	0.00	0.00	0.00	0.00	0.00
		928	-0.00	0.00	0.00	0.00	0.00	0.00
1343	1	929	-8.08	0.00	0.00	0.00	0.00	0.00
		931	8.08	0.00	0.00	0.00	0.00	0.00
1344	1	931	-9.30	0.00	0.00	0.00	0.00	0.00
		932	9.30	0.00	0.00	0.00	0.00	0.00
1345	1	932	6.75	0.00	0.00	0.00	0.00	0.00
		927	-6.75	0.00	0.00	0.00	0.00	0.00
1346	1	929	-0.00	0.00	0.00	0.00	0.00	0.00
		932	0.00	0.00	0.00	0.00	0.00	0.00
1347	1	933	11.85	0.00	0.00	0.00	0.00	0.00
		931	-11.85	0.00	0.00	0.00	0.00	0.00
1348	1	933	-11.87	0.00	0.00	0.00	0.00	0.00
		935	11.87	0.00	0.00	0.00	0.00	0.00
1349	1	935	-14.84	0.00	0.00	0.00	0.00	0.00
		936	14.84	0.00	0.00	0.00	0.00	0.00
1350	1	936	10.79	0.00	0.00	0.00	0.00	0.00
		931	-10.79	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 264

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1351	1	937	17.74	0.00	0.00	0.00	0.00	0.00
		935	-17.74	0.00	0.00	0.00	0.00	0.00
1352	1	933	31.39	0.00	0.00	0.00	0.00	0.00
		937	-31.39	0.00	0.00	0.00	0.00	0.00
1353	1	933	0.01	0.00	0.00	0.00	0.00	0.00
		936	-0.01	0.00	0.00	0.00	0.00	0.00
1354	1	937	9.31	0.00	0.00	0.00	0.00	0.00
		939	-9.31	0.00	0.00	0.00	0.00	0.00
1355	1	939	2.94	0.00	0.00	0.00	0.00	0.00
		940	-2.94	0.00	0.00	0.00	0.00	0.00
1356	1	940	22.51	0.00	0.00	0.00	0.00	0.00
		935	-22.51	0.00	0.00	0.00	0.00	0.00
1357	1	941	-1.98	0.00	0.00	0.00	0.00	0.00
		939	1.98	0.00	0.00	0.00	0.00	0.00
1358	1	937	-5.64	0.00	0.00	0.00	0.00	0.00
		941	5.64	0.00	0.00	0.00	0.00	0.00
1359	1	937	-11.80	0.00	0.00	0.00	0.00	0.00
		940	11.80	0.00	0.00	0.00	0.00	0.00
1360	1	941	1.98	0.00	0.00	0.00	0.00	0.00
		943	-1.98	0.00	0.00	0.00	0.00	0.00
1361	1	943	-1.25	0.00	0.00	0.00	0.00	0.00
		944	1.25	0.00	0.00	0.00	0.00	0.00
1362	1	944	-1.13	0.00	0.00	0.00	0.00	0.00
		939	1.13	0.00	0.00	0.00	0.00	0.00
1363	1	945	4.57	0.00	0.00	0.00	0.00	0.00
		943	-4.57	0.00	0.00	0.00	0.00	0.00
1364	1	941	-7.29	0.00	0.00	0.00	0.00	0.00
		945	7.29	0.00	0.00	0.00	0.00	0.00
1365	1	941	-0.00	0.00	0.00	0.00	0.00	0.00
		944	0.00	0.00	0.00	0.00	0.00	0.00
1366	1	945	-4.60	0.00	0.00	0.00	0.00	0.00
		947	4.60	0.00	0.00	0.00	0.00	0.00
1367	1	947	-4.70	0.00	0.00	0.00	0.00	0.00
		948	4.70	0.00	0.00	0.00	0.00	0.00
1368	1	948	3.10	0.00	0.00	0.00	0.00	0.00
		943	-3.10	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 265

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1369	1	945	0.00	0.00	0.00	0.00	0.00	0.00
		948	-0.00	0.00	0.00	0.00	0.00	0.00
1370	1	929	21.55	0.00	0.00	0.00	0.00	0.00
		933	-21.55	0.00	0.00	0.00	0.00	0.00
1371	1	890	-0.32	0.00	0.00	0.00	0.00	0.00
		950	0.32	0.00	0.00	0.00	0.00	0.00
1372	1	949	0.00	0.00	0.00	0.00	0.00	0.00
		950	-0.00	0.00	0.00	0.00	0.00	0.00
1373	1	949	-0.00	0.00	0.00	0.00	0.00	0.00
		891	0.00	0.00	0.00	0.00	0.00	0.00
1374	1	949	-0.00	0.00	0.00	0.00	0.00	0.00
		890	0.00	0.00	0.00	0.00	0.00	0.00
1375	1	951	11.12	0.00	0.00	0.00	0.00	0.00
		947	-11.12	0.00	0.00	0.00	0.00	0.00
1376	1	945	-3.48	0.00	0.00	0.00	0.00	0.00
		951	3.48	0.00	0.00	0.00	0.00	0.00
1377	1	951	-11.18	0.00	0.00	0.00	0.00	0.00
		953	11.18	0.00	0.00	0.00	0.00	0.00
1378	1	953	-9.48	0.00	0.00	0.00	0.00	0.00
		954	9.48	0.00	0.00	0.00	0.00	0.00
1379	1	954	8.45	0.00	0.00	0.00	0.00	0.00
		947	-8.45	0.00	0.00	0.00	0.00	0.00
1380	1	951	0.00	0.00	0.00	0.00	0.00	0.00
		954	-0.00	0.00	0.00	0.00	0.00	0.00
1381	1	955	13.08	0.00	0.00	0.00	0.00	0.00
		953	-13.08	0.00	0.00	0.00	0.00	0.00
1382	1	951	5.78	0.00	0.00	0.00	0.00	0.00
		955	-5.78	0.00	0.00	0.00	0.00	0.00
1383	1	955	-11.89	0.00	0.00	0.00	0.00	0.00
		957	11.89	0.00	0.00	0.00	0.00	0.00
1384	1	957	-10.59	0.00	0.00	0.00	0.00	0.00
		958	10.59	0.00	0.00	0.00	0.00	0.00
1385	1	958	12.50	0.00	0.00	0.00	0.00	0.00
		953	-12.50	0.00	0.00	0.00	0.00	0.00
1386	1	955	-0.51	0.00	0.00	0.00	0.00	0.00
		958	0.51	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 266

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1387	1	556 957	5.87 -5.87	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1388	1	955 556	16.17 -16.17	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1389	1	520 957	9.59 -9.59	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1390	1	556 520	-2.05 2.05	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1391	1	894 959	4.73 -4.73	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1392	1	894 960	33.80 -33.80	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1393	1	960 961	36.63 -36.63	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1394	1	961 959	4.32 -4.32	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1395	1	898 960	-23.56 23.56	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1396	1	894 898	-90.73 90.73	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1397	1	894 961	-4.30 4.30	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1398	1	898 962	23.08 -23.08	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1399	1	962 963	24.36 -24.36	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1400	1	963 960	-25.57 25.57	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1401	1	789 962	-36.82 36.82	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1402	1	898 789	-129.40 129.40	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1403	1	789 964	27.84 -27.84	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1404	1	964 792	40.07 -40.07	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 267

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1405	1	792	-26.54	0.00	0.00	0.00	0.00	0.00
		962	26.54	0.00	0.00	0.00	0.00	0.00
1406	1	904	-15.53	0.00	0.00	0.00	0.00	0.00
		964	15.53	0.00	0.00	0.00	0.00	0.00
1407	1	789	93.80	0.00	0.00	0.00	0.00	0.00
		904	-93.80	0.00	0.00	0.00	0.00	0.00
1408	1	904	32.54	0.00	0.00	0.00	0.00	0.00
		965	-32.54	0.00	0.00	0.00	0.00	0.00
1409	1	965	35.60	0.00	0.00	0.00	0.00	0.00
		966	-35.60	0.00	0.00	0.00	0.00	0.00
1410	1	966	-14.61	0.00	0.00	0.00	0.00	0.00
		964	14.61	0.00	0.00	0.00	0.00	0.00
1411	1	908	-22.10	0.00	0.00	0.00	0.00	0.00
		965	22.10	0.00	0.00	0.00	0.00	0.00
1412	1	904	113.89	0.00	0.00	0.00	0.00	0.00
		908	-113.89	0.00	0.00	0.00	0.00	0.00
1413	1	904	-4.21	0.00	0.00	0.00	0.00	0.00
		966	4.21	0.00	0.00	0.00	0.00	0.00
1414	1	908	25.64	0.00	0.00	0.00	0.00	0.00
		967	-25.64	0.00	0.00	0.00	0.00	0.00
1415	1	967	22.67	0.00	0.00	0.00	0.00	0.00
		968	-22.67	0.00	0.00	0.00	0.00	0.00
1416	1	968	-23.64	0.00	0.00	0.00	0.00	0.00
		965	23.64	0.00	0.00	0.00	0.00	0.00
1417	1	912	-18.63	0.00	0.00	0.00	0.00	0.00
		967	18.63	0.00	0.00	0.00	0.00	0.00
1418	1	908	75.87	0.00	0.00	0.00	0.00	0.00
		912	-75.87	0.00	0.00	0.00	0.00	0.00
1419	1	908	-1.98	0.00	0.00	0.00	0.00	0.00
		968	1.98	0.00	0.00	0.00	0.00	0.00
1420	1	912	21.70	0.00	0.00	0.00	0.00	0.00
		969	-21.70	0.00	0.00	0.00	0.00	0.00
1421	1	969	17.90	0.00	0.00	0.00	0.00	0.00
		970	-17.90	0.00	0.00	0.00	0.00	0.00
1422	1	970	-19.01	0.00	0.00	0.00	0.00	0.00
		967	19.01	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 268

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1423	1	916 969	-13.05 13.05	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1424	1	912 916	45.10 -45.10	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1425	1	912 970	-1.71 1.71	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1426	1	916 971	16.02 -16.02	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1427	1	971 972	12.15 -12.15	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1428	1	972 969	-13.07 13.07	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1429	1	920 971	-7.43 7.43	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1430	1	916 920	23.34 -23.34	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1431	1	916 972	-1.67 1.67	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1432	1	920 973	10.15 -10.15	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1433	1	973 974	6.69 -6.69	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1434	1	974 971	-7.64 7.64	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1435	1	924 973	-1.76 1.76	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1436	1	920 924	10.43 -10.43	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1437	1	920 974	-1.52 1.52	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1438	1	924 975	4.30 -4.30	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1439	1	975 976	1.47 -1.47	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1440	1	976 973	-2.35 2.35	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 269

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1441	1	928	4.01	0.00	0.00	0.00	0.00	0.00
		975	-4.01	0.00	0.00	0.00	0.00	0.00
1442	1	924	6.21	0.00	0.00	0.00	0.00	0.00
		928	-6.21	0.00	0.00	0.00	0.00	0.00
1443	1	924	-1.43	0.00	0.00	0.00	0.00	0.00
		976	1.43	0.00	0.00	0.00	0.00	0.00
1444	1	928	-1.51	0.00	0.00	0.00	0.00	0.00
		977	1.51	0.00	0.00	0.00	0.00	0.00
1445	1	977	-3.92	0.00	0.00	0.00	0.00	0.00
		978	3.92	0.00	0.00	0.00	0.00	0.00
1446	1	978	3.00	0.00	0.00	0.00	0.00	0.00
		975	-3.00	0.00	0.00	0.00	0.00	0.00
1447	1	932	10.01	0.00	0.00	0.00	0.00	0.00
		977	-10.01	0.00	0.00	0.00	0.00	0.00
1448	1	928	10.81	0.00	0.00	0.00	0.00	0.00
		932	-10.81	0.00	0.00	0.00	0.00	0.00
1449	1	928	-1.39	0.00	0.00	0.00	0.00	0.00
		978	1.39	0.00	0.00	0.00	0.00	0.00
1450	1	932	-7.44	0.00	0.00	0.00	0.00	0.00
		979	7.44	0.00	0.00	0.00	0.00	0.00
1451	1	979	-9.99	0.00	0.00	0.00	0.00	0.00
		980	9.99	0.00	0.00	0.00	0.00	0.00
1452	1	980	8.77	0.00	0.00	0.00	0.00	0.00
		977	-8.77	0.00	0.00	0.00	0.00	0.00
1453	1	932	-1.44	0.00	0.00	0.00	0.00	0.00
		980	1.44	0.00	0.00	0.00	0.00	0.00
1454	1	936	13.58	0.00	0.00	0.00	0.00	0.00
		979	-13.58	0.00	0.00	0.00	0.00	0.00
1455	1	936	-9.57	0.00	0.00	0.00	0.00	0.00
		981	9.57	0.00	0.00	0.00	0.00	0.00
1456	1	981	-13.78	0.00	0.00	0.00	0.00	0.00
		982	13.78	0.00	0.00	0.00	0.00	0.00
1457	1	982	12.04	0.00	0.00	0.00	0.00	0.00
		979	-12.04	0.00	0.00	0.00	0.00	0.00
1458	1	940	22.80	0.00	0.00	0.00	0.00	0.00
		981	-22.80	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 270

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1459	1	936	44.96	0.00	0.00	0.00	0.00	0.00
		940	-44.96	0.00	0.00	0.00	0.00	0.00
1460	1	936	-2.24	0.00	0.00	0.00	0.00	0.00
		982	2.24	0.00	0.00	0.00	0.00	0.00
1461	1	940	3.21	0.00	0.00	0.00	0.00	0.00
		983	-3.21	0.00	0.00	0.00	0.00	0.00
1462	1	983	2.92	0.00	0.00	0.00	0.00	0.00
		984	-2.92	0.00	0.00	0.00	0.00	0.00
1463	1	984	27.32	0.00	0.00	0.00	0.00	0.00
		981	-27.32	0.00	0.00	0.00	0.00	0.00
1464	1	944	2.02	0.00	0.00	0.00	0.00	0.00
		983	-2.02	0.00	0.00	0.00	0.00	0.00
1465	1	940	-15.93	0.00	0.00	0.00	0.00	0.00
		944	15.93	0.00	0.00	0.00	0.00	0.00
1466	1	940	-9.73	0.00	0.00	0.00	0.00	0.00
		984	9.73	0.00	0.00	0.00	0.00	0.00
1467	1	944	0.38	0.00	0.00	0.00	0.00	0.00
		985	-0.38	0.00	0.00	0.00	0.00	0.00
1468	1	985	-1.88	0.00	0.00	0.00	0.00	0.00
		986	1.88	0.00	0.00	0.00	0.00	0.00
1469	1	986	1.21	0.00	0.00	0.00	0.00	0.00
		983	-1.21	0.00	0.00	0.00	0.00	0.00
1470	1	948	5.84	0.00	0.00	0.00	0.00	0.00
		985	-5.84	0.00	0.00	0.00	0.00	0.00
1471	1	944	-15.19	0.00	0.00	0.00	0.00	0.00
		948	15.19	0.00	0.00	0.00	0.00	0.00
1472	1	944	-1.34	0.00	0.00	0.00	0.00	0.00
		986	1.34	0.00	0.00	0.00	0.00	0.00
1473	1	948	-4.30	0.00	0.00	0.00	0.00	0.00
		987	4.30	0.00	0.00	0.00	0.00	0.00
1474	1	987	-5.08	0.00	0.00	0.00	0.00	0.00
		988	5.08	0.00	0.00	0.00	0.00	0.00
1475	1	988	4.51	0.00	0.00	0.00	0.00	0.00
		985	-4.51	0.00	0.00	0.00	0.00	0.00
1476	1	948	-0.87	0.00	0.00	0.00	0.00	0.00
		988	0.87	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 271

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1477	1	932	24.71	0.00	0.00	0.00	0.00	0.00
		936	-24.71	0.00	0.00	0.00	0.00	0.00
1478	1	959	0.59	0.00	0.00	0.00	0.00	0.00
		989	-0.59	0.00	0.00	0.00	0.00	0.00
1479	1	950	-0.18	0.00	0.00	0.00	0.00	0.00
		989	0.18	0.00	0.00	0.00	0.00	0.00
1480	1	950	0.00	0.00	0.00	0.00	0.00	0.00
		894	-0.00	0.00	0.00	0.00	0.00	0.00
1481	1	950	0.32	0.00	0.00	0.00	0.00	0.00
		959	-0.32	0.00	0.00	0.00	0.00	0.00
1482	1	954	12.08	0.00	0.00	0.00	0.00	0.00
		987	-12.08	0.00	0.00	0.00	0.00	0.00
1483	1	948	-7.75	0.00	0.00	0.00	0.00	0.00
		954	7.75	0.00	0.00	0.00	0.00	0.00
1484	1	954	-11.15	0.00	0.00	0.00	0.00	0.00
		990	11.15	0.00	0.00	0.00	0.00	0.00
1485	1	990	-10.99	0.00	0.00	0.00	0.00	0.00
		991	10.99	0.00	0.00	0.00	0.00	0.00
1486	1	991	10.64	0.00	0.00	0.00	0.00	0.00
		987	-10.64	0.00	0.00	0.00	0.00	0.00
1487	1	954	-0.55	0.00	0.00	0.00	0.00	0.00
		991	0.55	0.00	0.00	0.00	0.00	0.00
1488	1	958	14.05	0.00	0.00	0.00	0.00	0.00
		990	-14.05	0.00	0.00	0.00	0.00	0.00
1489	1	954	9.35	0.00	0.00	0.00	0.00	0.00
		958	-9.35	0.00	0.00	0.00	0.00	0.00
1490	1	958	-13.71	0.00	0.00	0.00	0.00	0.00
		992	13.71	0.00	0.00	0.00	0.00	0.00
1491	1	992	-12.46	0.00	0.00	0.00	0.00	0.00
		993	12.46	0.00	0.00	0.00	0.00	0.00
1492	1	993	14.40	0.00	0.00	0.00	0.00	0.00
		990	-14.40	0.00	0.00	0.00	0.00	0.00
1493	1	958	-0.38	0.00	0.00	0.00	0.00	0.00
		993	0.38	0.00	0.00	0.00	0.00	0.00
1494	1	520	6.31	0.00	0.00	0.00	0.00	0.00
		992	-6.31	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 272

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1495	1	958 520	30.51 -30.51	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1496	1	484 992	9.22 -9.22	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1497	1	520 484	-1.11 1.11	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1498	1	961 994	7.94 -7.94	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1499	1	961 995	35.81 -35.81	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1500	1	995 996	33.72 -33.72	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1501	1	996 994	3.80 -3.80	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1502	1	963 995	-24.14 24.14	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1503	1	961 963	-91.15 91.15	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1504	1	961 996	-3.12 3.12	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1505	1	963 997	23.64 -23.64	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1506	1	997 998	24.38 -24.38	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1507	1	998 995	-25.94 25.94	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1508	1	792 997	-37.39 37.39	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1509	1	963 792	-127.68 127.68	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1510	1	792 999	29.63 -29.63	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1511	1	999 801	40.63 -40.63	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1512	1	801 997	-29.22 29.22	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 273

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1513	1	966 999	-18.16 18.16	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1514	1	792 966	95.93 -95.93	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1515	1	966 1000	34.63 -34.63	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1516	1	1000 1001	38.69 -38.69	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1517	1	1001 999	-16.57 16.57	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1518	1	968 1000	-25.11 25.11	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1519	1	966 968	119.70 -119.70	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1520	1	966 1001	-3.09 3.09	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1521	1	968 1002	26.10 -26.10	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1522	1	1002 1003	25.22 -25.22	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1523	1	1003 1000	-24.71 24.71	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1524	1	970 1002	-21.00 21.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1525	1	968 970	79.23 -79.23	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1526	1	968 1003	-2.53 2.53	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1527	1	970 1004	22.03 -22.03	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1528	1	1004 1005	20.15 -20.15	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1529	1	1005 1002	-19.61 19.61	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1530	1	972 1004	-15.01 15.01	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 274

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1531	1	970	46.07	0.00	0.00	0.00	0.00	0.00
		972	-46.07	0.00	0.00	0.00	0.00	0.00
1532	1	970	-2.31	0.00	0.00	0.00	0.00	0.00
		1005	2.31	0.00	0.00	0.00	0.00	0.00
1533	1	972	15.99	0.00	0.00	0.00	0.00	0.00
		1006	-15.99	0.00	0.00	0.00	0.00	0.00
1534	1	1006	13.98	0.00	0.00	0.00	0.00	0.00
		1007	-13.98	0.00	0.00	0.00	0.00	0.00
1535	1	1007	-13.27	0.00	0.00	0.00	0.00	0.00
		1004	13.27	0.00	0.00	0.00	0.00	0.00
1536	1	974	-8.76	0.00	0.00	0.00	0.00	0.00
		1006	8.76	0.00	0.00	0.00	0.00	0.00
1537	1	972	22.72	0.00	0.00	0.00	0.00	0.00
		974	-22.72	0.00	0.00	0.00	0.00	0.00
1538	1	972	-2.20	0.00	0.00	0.00	0.00	0.00
		1007	2.20	0.00	0.00	0.00	0.00	0.00
1539	1	974	9.68	0.00	0.00	0.00	0.00	0.00
		1008	-9.68	0.00	0.00	0.00	0.00	0.00
1540	1	1008	7.96	0.00	0.00	0.00	0.00	0.00
		1009	-7.96	0.00	0.00	0.00	0.00	0.00
1541	1	1009	-7.30	0.00	0.00	0.00	0.00	0.00
		1006	7.30	0.00	0.00	0.00	0.00	0.00
1542	1	976	-2.47	0.00	0.00	0.00	0.00	0.00
		1008	2.47	0.00	0.00	0.00	0.00	0.00
1543	1	974	9.12	0.00	0.00	0.00	0.00	0.00
		976	-9.12	0.00	0.00	0.00	0.00	0.00
1544	1	974	-2.04	0.00	0.00	0.00	0.00	0.00
		1009	2.04	0.00	0.00	0.00	0.00	0.00
1545	1	976	3.36	0.00	0.00	0.00	0.00	0.00
		1010	-3.36	0.00	0.00	0.00	0.00	0.00
1546	1	1010	2.19	0.00	0.00	0.00	0.00	0.00
		1011	-2.19	0.00	0.00	0.00	0.00	0.00
1547	1	1011	-1.51	0.00	0.00	0.00	0.00	0.00
		1008	1.51	0.00	0.00	0.00	0.00	0.00
1548	1	978	3.88	0.00	0.00	0.00	0.00	0.00
		1010	-3.88	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 275

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1549	1	976	5.12	0.00	0.00	0.00	0.00	0.00
		978	-5.12	0.00	0.00	0.00	0.00	0.00
1550	1	976	-1.92	0.00	0.00	0.00	0.00	0.00
		1011	1.92	0.00	0.00	0.00	0.00	0.00
1551	1	978	-2.97	0.00	0.00	0.00	0.00	0.00
		1012	2.97	0.00	0.00	0.00	0.00	0.00
1552	1	1012	-3.71	0.00	0.00	0.00	0.00	0.00
		1013	3.71	0.00	0.00	0.00	0.00	0.00
1553	1	1013	4.32	0.00	0.00	0.00	0.00	0.00
		1010	-4.32	0.00	0.00	0.00	0.00	0.00
1554	1	980	10.42	0.00	0.00	0.00	0.00	0.00
		1012	-10.42	0.00	0.00	0.00	0.00	0.00
1555	1	978	10.82	0.00	0.00	0.00	0.00	0.00
		980	-10.82	0.00	0.00	0.00	0.00	0.00
1556	1	978	-1.90	0.00	0.00	0.00	0.00	0.00
		1013	1.90	0.00	0.00	0.00	0.00	0.00
1557	1	980	-9.17	0.00	0.00	0.00	0.00	0.00
		1014	9.17	0.00	0.00	0.00	0.00	0.00
1558	1	1014	-9.99	0.00	0.00	0.00	0.00	0.00
		1015	9.99	0.00	0.00	0.00	0.00	0.00
1559	1	1015	10.48	0.00	0.00	0.00	0.00	0.00
		1012	-10.48	0.00	0.00	0.00	0.00	0.00
1560	1	980	-2.13	0.00	0.00	0.00	0.00	0.00
		1015	2.13	0.00	0.00	0.00	0.00	0.00
1561	1	982	13.98	0.00	0.00	0.00	0.00	0.00
		1014	-13.98	0.00	0.00	0.00	0.00	0.00
1562	1	982	-12.28	0.00	0.00	0.00	0.00	0.00
		1016	12.28	0.00	0.00	0.00	0.00	0.00
1563	1	1016	-13.91	0.00	0.00	0.00	0.00	0.00
		1017	13.91	0.00	0.00	0.00	0.00	0.00
1564	1	1017	14.00	0.00	0.00	0.00	0.00	0.00
		1014	-14.00	0.00	0.00	0.00	0.00	0.00
1565	1	984	25.94	0.00	0.00	0.00	0.00	0.00
		1016	-25.94	0.00	0.00	0.00	0.00	0.00
1566	1	982	48.35	0.00	0.00	0.00	0.00	0.00
		984	-48.35	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 276

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1567	1	982 1017	-3.20 3.20	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1568	1	984 1018	3.00 -3.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1569	1	1018 1019	3.36 -3.36	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1570	1	1019 1016	29.94 -29.94	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1571	1	986 1018	1.78 -1.78	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1572	1	984 986	-20.68 20.68	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1573	1	984 1019	-7.71 7.71	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1574	1	986 1020	-1.09 1.09	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1575	1	1020 1021	-1.58 1.58	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1576	1	1021 1018	2.64 -2.64	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1577	1	988 1020	6.25 -6.25	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1578	1	986 988	-18.21 18.21	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1579	1	986 1021	-1.71 1.71	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1580	1	988 1022	-5.75 5.75	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1581	1	1022 1023	-5.47 5.47	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1582	1	1023 1020	6.10 -6.10	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1583	1	988 1023	-1.17 1.17	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1584	1	980 982	26.74 -26.74	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 277

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1585	1	994	-0.25	0.00	0.00	0.00	0.00	0.00
		1024	0.25	0.00	0.00	0.00	0.00	0.00
1586	1	989	0.15	0.00	0.00	0.00	0.00	0.00
		1024	-0.15	0.00	0.00	0.00	0.00	0.00
1587	1	989	-0.00	0.00	0.00	0.00	0.00	0.00
		961	0.00	0.00	0.00	0.00	0.00	0.00
1588	1	989	-0.59	0.00	0.00	0.00	0.00	0.00
		994	0.59	0.00	0.00	0.00	0.00	0.00
1589	1	991	13.01	0.00	0.00	0.00	0.00	0.00
		1022	-13.01	0.00	0.00	0.00	0.00	0.00
1590	1	988	-9.25	0.00	0.00	0.00	0.00	0.00
		991	9.25	0.00	0.00	0.00	0.00	0.00
1591	1	991	-12.78	0.00	0.00	0.00	0.00	0.00
		1025	12.78	0.00	0.00	0.00	0.00	0.00
1592	1	1025	-12.04	0.00	0.00	0.00	0.00	0.00
		1026	12.04	0.00	0.00	0.00	0.00	0.00
1593	1	1026	12.46	0.00	0.00	0.00	0.00	0.00
		1022	-12.46	0.00	0.00	0.00	0.00	0.00
1594	1	991	-0.72	0.00	0.00	0.00	0.00	0.00
		1026	0.72	0.00	0.00	0.00	0.00	0.00
1595	1	993	15.62	0.00	0.00	0.00	0.00	0.00
		1025	-15.62	0.00	0.00	0.00	0.00	0.00
1596	1	991	10.45	0.00	0.00	0.00	0.00	0.00
		993	-10.45	0.00	0.00	0.00	0.00	0.00
1597	1	993	-15.02	0.00	0.00	0.00	0.00	0.00
		1027	15.02	0.00	0.00	0.00	0.00	0.00
1598	1	1027	-13.74	0.00	0.00	0.00	0.00	0.00
		1028	13.74	0.00	0.00	0.00	0.00	0.00
1599	1	1028	16.17	0.00	0.00	0.00	0.00	0.00
		1025	-16.17	0.00	0.00	0.00	0.00	0.00
1600	1	993	-0.35	0.00	0.00	0.00	0.00	0.00
		1028	0.35	0.00	0.00	0.00	0.00	0.00
1601	1	484	6.79	0.00	0.00	0.00	0.00	0.00
		1027	-6.79	0.00	0.00	0.00	0.00	0.00
1602	1	993	34.38	0.00	0.00	0.00	0.00	0.00
		484	-34.38	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 278

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1603	1	448 1027	9.57 -9.57	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1604	1	484 448	-0.88 0.88	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1605	1	996 1029	10.10 -10.10	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1606	1	996 1030	39.19 -39.19	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1607	1	1030 1031	32.42 -32.42	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1608	1	1031 1029	1.11 -1.11	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1609	1	998 1030	-24.08 24.08	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1610	1	996 998	-92.33 92.33	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1611	1	996 1031	-3.36 3.36	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1612	1	998 1032	23.92 -23.92	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1613	1	1032 1033	25.61 -25.61	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1614	1	1033 1030	-27.25 27.25	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1615	1	801 1032	-34.85 34.85	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1616	1	998 801	-129.09 129.09	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1617	1	801 1034	31.31 -31.31	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1618	1	1034 804	42.10 -42.10	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1619	1	804 1032	-31.87 31.87	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1620	1	1001 1034	-17.82 17.82	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 279

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1621	1	801	98.81	0.00	0.00	0.00	0.00	0.00
		1001	-98.81	0.00	0.00	0.00	0.00	0.00
1622	1	1001	36.52	0.00	0.00	0.00	0.00	0.00
		1035	-36.52	0.00	0.00	0.00	0.00	0.00
1623	1	1035	41.56	0.00	0.00	0.00	0.00	0.00
		1036	-41.56	0.00	0.00	0.00	0.00	0.00
1624	1	1036	-18.98	0.00	0.00	0.00	0.00	0.00
		1034	18.98	0.00	0.00	0.00	0.00	0.00
1625	1	1003	-27.38	0.00	0.00	0.00	0.00	0.00
		1035	27.38	0.00	0.00	0.00	0.00	0.00
1626	1	1001	125.84	0.00	0.00	0.00	0.00	0.00
		1003	-125.84	0.00	0.00	0.00	0.00	0.00
1627	1	1001	-2.46	0.00	0.00	0.00	0.00	0.00
		1036	2.46	0.00	0.00	0.00	0.00	0.00
1628	1	1003	26.91	0.00	0.00	0.00	0.00	0.00
		1037	-26.91	0.00	0.00	0.00	0.00	0.00
1629	1	1037	28.11	0.00	0.00	0.00	0.00	0.00
		1038	-28.11	0.00	0.00	0.00	0.00	0.00
1630	1	1038	-26.79	0.00	0.00	0.00	0.00	0.00
		1035	26.79	0.00	0.00	0.00	0.00	0.00
1631	1	1005	-23.21	0.00	0.00	0.00	0.00	0.00
		1037	23.21	0.00	0.00	0.00	0.00	0.00
1632	1	1003	82.60	0.00	0.00	0.00	0.00	0.00
		1005	-82.60	0.00	0.00	0.00	0.00	0.00
1633	1	1003	-2.25	0.00	0.00	0.00	0.00	0.00
		1038	2.25	0.00	0.00	0.00	0.00	0.00
1634	1	1005	22.59	0.00	0.00	0.00	0.00	0.00
		1039	-22.59	0.00	0.00	0.00	0.00	0.00
1635	1	1039	22.44	0.00	0.00	0.00	0.00	0.00
		1040	-22.44	0.00	0.00	0.00	0.00	0.00
1636	1	1040	-21.02	0.00	0.00	0.00	0.00	0.00
		1037	21.02	0.00	0.00	0.00	0.00	0.00
1637	1	1007	-16.80	0.00	0.00	0.00	0.00	0.00
		1039	16.80	0.00	0.00	0.00	0.00	0.00
1638	1	1005	47.09	0.00	0.00	0.00	0.00	0.00
		1007	-47.09	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 280

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1639	1	1005	-1.98	0.00	0.00	0.00	0.00	0.00
		1040	1.98	0.00	0.00	0.00	0.00	0.00
1640	1	1007	16.15	0.00	0.00	0.00	0.00	0.00
		1041	-16.15	0.00	0.00	0.00	0.00	0.00
1641	1	1041	15.62	0.00	0.00	0.00	0.00	0.00
		1042	-15.62	0.00	0.00	0.00	0.00	0.00
1642	1	1042	-14.04	0.00	0.00	0.00	0.00	0.00
		1039	14.04	0.00	0.00	0.00	0.00	0.00
1643	1	1009	-10.04	0.00	0.00	0.00	0.00	0.00
		1041	10.04	0.00	0.00	0.00	0.00	0.00
1644	1	1007	22.09	0.00	0.00	0.00	0.00	0.00
		1009	-22.09	0.00	0.00	0.00	0.00	0.00
1645	1	1007	-1.82	0.00	0.00	0.00	0.00	0.00
		1042	1.82	0.00	0.00	0.00	0.00	0.00
1646	1	1009	9.34	0.00	0.00	0.00	0.00	0.00
		1043	-9.34	0.00	0.00	0.00	0.00	0.00
1647	1	1043	9.00	0.00	0.00	0.00	0.00	0.00
		1044	-9.00	0.00	0.00	0.00	0.00	0.00
1648	1	1044	-7.45	0.00	0.00	0.00	0.00	0.00
		1041	7.45	0.00	0.00	0.00	0.00	0.00
1649	1	1011	-3.20	0.00	0.00	0.00	0.00	0.00
		1043	3.20	0.00	0.00	0.00	0.00	0.00
1650	1	1009	7.72	0.00	0.00	0.00	0.00	0.00
		1011	-7.72	0.00	0.00	0.00	0.00	0.00
1651	1	1009	-1.66	0.00	0.00	0.00	0.00	0.00
		1044	1.66	0.00	0.00	0.00	0.00	0.00
1652	1	1011	2.53	0.00	0.00	0.00	0.00	0.00
		1045	-2.53	0.00	0.00	0.00	0.00	0.00
1653	1	1045	2.66	0.00	0.00	0.00	0.00	0.00
		1046	-2.66	0.00	0.00	0.00	0.00	0.00
1654	1	1046	-1.12	0.00	0.00	0.00	0.00	0.00
		1043	1.12	0.00	0.00	0.00	0.00	0.00
1655	1	1013	3.68	0.00	0.00	0.00	0.00	0.00
		1045	-3.68	0.00	0.00	0.00	0.00	0.00
1656	1	1011	3.81	0.00	0.00	0.00	0.00	0.00
		1013	-3.81	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 281

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1657	1	1011	-1.54	0.00	0.00	0.00	0.00	0.00
		1046	1.54	0.00	0.00	0.00	0.00	0.00
1658	1	1013	-4.30	0.00	0.00	0.00	0.00	0.00
		1047	4.30	0.00	0.00	0.00	0.00	0.00
1659	1	1047	-3.70	0.00	0.00	0.00	0.00	0.00
		1048	3.70	0.00	0.00	0.00	0.00	0.00
1660	1	1048	5.22	0.00	0.00	0.00	0.00	0.00
		1045	-5.22	0.00	0.00	0.00	0.00	0.00
1661	1	1015	10.67	0.00	0.00	0.00	0.00	0.00
		1047	-10.67	0.00	0.00	0.00	0.00	0.00
1662	1	1013	10.46	0.00	0.00	0.00	0.00	0.00
		1015	-10.46	0.00	0.00	0.00	0.00	0.00
1663	1	1013	-1.56	0.00	0.00	0.00	0.00	0.00
		1048	1.56	0.00	0.00	0.00	0.00	0.00
1664	1	1015	-11.14	0.00	0.00	0.00	0.00	0.00
		1049	11.14	0.00	0.00	0.00	0.00	0.00
1665	1	1049	-10.26	0.00	0.00	0.00	0.00	0.00
		1050	10.26	0.00	0.00	0.00	0.00	0.00
1666	1	1050	12.01	0.00	0.00	0.00	0.00	0.00
		1047	-12.01	0.00	0.00	0.00	0.00	0.00
1667	1	1015	-1.86	0.00	0.00	0.00	0.00	0.00
		1050	1.86	0.00	0.00	0.00	0.00	0.00
1668	1	1017	14.24	0.00	0.00	0.00	0.00	0.00
		1049	-14.24	0.00	0.00	0.00	0.00	0.00
1669	1	1017	-14.36	0.00	0.00	0.00	0.00	0.00
		1051	14.36	0.00	0.00	0.00	0.00	0.00
1670	1	1051	-14.25	0.00	0.00	0.00	0.00	0.00
		1052	14.25	0.00	0.00	0.00	0.00	0.00
1671	1	1052	15.55	0.00	0.00	0.00	0.00	0.00
		1049	-15.55	0.00	0.00	0.00	0.00	0.00
1672	1	1019	28.03	0.00	0.00	0.00	0.00	0.00
		1051	-28.03	0.00	0.00	0.00	0.00	0.00
1673	1	1017	51.44	0.00	0.00	0.00	0.00	0.00
		1019	-51.44	0.00	0.00	0.00	0.00	0.00
1674	1	1017	-3.14	0.00	0.00	0.00	0.00	0.00
		1052	3.14	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 282

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1675	1	1019	3.20	0.00	0.00	0.00	0.00	0.00
		1053	-3.20	0.00	0.00	0.00	0.00	0.00
1676	1	1053	3.73	0.00	0.00	0.00	0.00	0.00
		1054	-3.73	0.00	0.00	0.00	0.00	0.00
1677	1	1054	31.50	0.00	0.00	0.00	0.00	0.00
		1051	-31.50	0.00	0.00	0.00	0.00	0.00
1678	1	1021	1.13	0.00	0.00	0.00	0.00	0.00
		1053	-1.13	0.00	0.00	0.00	0.00	0.00
1679	1	1019	-23.93	0.00	0.00	0.00	0.00	0.00
		1021	23.93	0.00	0.00	0.00	0.00	0.00
1680	1	1019	-6.04	0.00	0.00	0.00	0.00	0.00
		1054	6.04	0.00	0.00	0.00	0.00	0.00
1681	1	1021	-2.17	0.00	0.00	0.00	0.00	0.00
		1055	2.17	0.00	0.00	0.00	0.00	0.00
1682	1	1055	-1.36	0.00	0.00	0.00	0.00	0.00
		1056	1.36	0.00	0.00	0.00	0.00	0.00
1683	1	1056	3.26	0.00	0.00	0.00	0.00	0.00
		1053	-3.26	0.00	0.00	0.00	0.00	0.00
1684	1	1023	6.35	0.00	0.00	0.00	0.00	0.00
		1055	-6.35	0.00	0.00	0.00	0.00	0.00
1685	1	1021	-20.81	0.00	0.00	0.00	0.00	0.00
		1023	20.81	0.00	0.00	0.00	0.00	0.00
1686	1	1021	-1.13	0.00	0.00	0.00	0.00	0.00
		1056	1.13	0.00	0.00	0.00	0.00	0.00
1687	1	1023	-7.04	0.00	0.00	0.00	0.00	0.00
		1057	7.04	0.00	0.00	0.00	0.00	0.00
1688	1	1057	-6.03	0.00	0.00	0.00	0.00	0.00
		1058	6.03	0.00	0.00	0.00	0.00	0.00
1689	1	1058	7.10	0.00	0.00	0.00	0.00	0.00
		1055	-7.10	0.00	0.00	0.00	0.00	0.00
1690	1	1023	-0.80	0.00	0.00	0.00	0.00	0.00
		1058	0.80	0.00	0.00	0.00	0.00	0.00
1691	1	1015	27.99	0.00	0.00	0.00	0.00	0.00
		1017	-27.99	0.00	0.00	0.00	0.00	0.00
1692	1	1029	-0.95	0.00	0.00	0.00	0.00	0.00
		1059	0.95	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 283

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1693	1	1024	0.01	0.00	0.00	0.00	0.00	0.00
		1059	-0.01	0.00	0.00	0.00	0.00	0.00
1694	1	1024	-0.00	0.00	0.00	0.00	0.00	0.00
		996	0.00	0.00	0.00	0.00	0.00	0.00
1695	1	1024	0.25	0.00	0.00	0.00	0.00	0.00
		1029	-0.25	0.00	0.00	0.00	0.00	0.00
1696	1	1026	13.75	0.00	0.00	0.00	0.00	0.00
		1057	-13.75	0.00	0.00	0.00	0.00	0.00
1697	1	1023	-10.46	0.00	0.00	0.00	0.00	0.00
		1026	10.46	0.00	0.00	0.00	0.00	0.00
1698	1	1026	-14.29	0.00	0.00	0.00	0.00	0.00
		1060	14.29	0.00	0.00	0.00	0.00	0.00
1699	1	1060	-13.16	0.00	0.00	0.00	0.00	0.00
		1061	13.16	0.00	0.00	0.00	0.00	0.00
1700	1	1061	13.83	0.00	0.00	0.00	0.00	0.00
		1057	-13.83	0.00	0.00	0.00	0.00	0.00
1701	1	1026	-0.45	0.00	0.00	0.00	0.00	0.00
		1061	0.45	0.00	0.00	0.00	0.00	0.00
1702	1	1028	16.71	0.00	0.00	0.00	0.00	0.00
		1060	-16.71	0.00	0.00	0.00	0.00	0.00
1703	1	1026	11.37	0.00	0.00	0.00	0.00	0.00
		1028	-11.37	0.00	0.00	0.00	0.00	0.00
1704	1	1028	-16.36	0.00	0.00	0.00	0.00	0.00
		1062	16.36	0.00	0.00	0.00	0.00	0.00
1705	1	1062	-14.93	0.00	0.00	0.00	0.00	0.00
		1063	14.93	0.00	0.00	0.00	0.00	0.00
1706	1	1063	17.53	0.00	0.00	0.00	0.00	0.00
		1060	-17.53	0.00	0.00	0.00	0.00	0.00
1707	1	1028	-0.14	0.00	0.00	0.00	0.00	0.00
		1063	0.14	0.00	0.00	0.00	0.00	0.00
1708	1	448	7.24	0.00	0.00	0.00	0.00	0.00
		1062	-7.24	0.00	0.00	0.00	0.00	0.00
1709	1	1028	37.58	0.00	0.00	0.00	0.00	0.00
		448	-37.58	0.00	0.00	0.00	0.00	0.00
1710	1	412	9.80	0.00	0.00	0.00	0.00	0.00
		1062	-9.80	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 284

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1711	1	448 412	-0.74 0.74	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1712	1	1031 1064	9.82 -9.82	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1713	1	1031 1065	45.34 -45.34	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1714	1	1065 1066	35.43 -35.43	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1715	1	1066 1064	-3.30 3.30	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1716	1	1033 1065	-25.43 25.43	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1717	1	1031 1033	-97.03 97.03	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1718	1	1031 1066	-4.60 4.60	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1719	1	1033 1067	25.25 -25.25	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1720	1	1067 1068	28.61 -28.61	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1721	1	1068 1065	-30.89 30.89	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1722	1	804 1067	-30.94 30.94	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1723	1	1033 804	-135.74 135.74	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1724	1	804 1069	34.77 -34.77	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1725	1	1069 813	45.44 -45.44	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1726	1	813 1067	-40.06 40.06	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1727	1	1036 1069	-16.78 16.78	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1728	1	804 1036	103.91 -103.91	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 285

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1729	1	1036	38.62	0.00	0.00	0.00	0.00	0.00
		1070	-38.62	0.00	0.00	0.00	0.00	0.00
1730	1	1070	48.43	0.00	0.00	0.00	0.00	0.00
		1071	-48.43	0.00	0.00	0.00	0.00	0.00
1731	1	1071	-18.67	0.00	0.00	0.00	0.00	0.00
		1069	18.67	0.00	0.00	0.00	0.00	0.00
1732	1	1038	-30.22	0.00	0.00	0.00	0.00	0.00
		1070	30.22	0.00	0.00	0.00	0.00	0.00
1733	1	1036	134.71	0.00	0.00	0.00	0.00	0.00
		1038	-134.71	0.00	0.00	0.00	0.00	0.00
1734	1	1036	-2.61	0.00	0.00	0.00	0.00	0.00
		1071	2.61	0.00	0.00	0.00	0.00	0.00
1735	1	1038	28.93	0.00	0.00	0.00	0.00	0.00
		1072	-28.93	0.00	0.00	0.00	0.00	0.00
1736	1	1072	32.44	0.00	0.00	0.00	0.00	0.00
		1073	-32.44	0.00	0.00	0.00	0.00	0.00
1737	1	1073	-29.70	0.00	0.00	0.00	0.00	0.00
		1070	29.70	0.00	0.00	0.00	0.00	0.00
1738	1	1040	-25.59	0.00	0.00	0.00	0.00	0.00
		1072	25.59	0.00	0.00	0.00	0.00	0.00
1739	1	1038	87.39	0.00	0.00	0.00	0.00	0.00
		1040	-87.39	0.00	0.00	0.00	0.00	0.00
1740	1	1038	-1.52	0.00	0.00	0.00	0.00	0.00
		1073	1.52	0.00	0.00	0.00	0.00	0.00
1741	1	1040	24.08	0.00	0.00	0.00	0.00	0.00
		1074	-24.08	0.00	0.00	0.00	0.00	0.00
1742	1	1074	25.16	0.00	0.00	0.00	0.00	0.00
		1075	-25.16	0.00	0.00	0.00	0.00	0.00
1743	1	1075	-23.13	0.00	0.00	0.00	0.00	0.00
		1072	23.13	0.00	0.00	0.00	0.00	0.00
1744	1	1042	-18.43	0.00	0.00	0.00	0.00	0.00
		1074	18.43	0.00	0.00	0.00	0.00	0.00
1745	1	1040	48.74	0.00	0.00	0.00	0.00	0.00
		1042	-48.74	0.00	0.00	0.00	0.00	0.00
1746	1	1040	-1.16	0.00	0.00	0.00	0.00	0.00
		1075	1.16	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 286

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1747	1	1042	16.92	0.00	0.00	0.00	0.00	0.00
		1076	-16.92	0.00	0.00	0.00	0.00	0.00
1748	1	1076	17.09	0.00	0.00	0.00	0.00	0.00
		1077	-17.09	0.00	0.00	0.00	0.00	0.00
1749	1	1077	-15.35	0.00	0.00	0.00	0.00	0.00
		1074	15.35	0.00	0.00	0.00	0.00	0.00
1750	1	1044	-11.10	0.00	0.00	0.00	0.00	0.00
		1076	11.10	0.00	0.00	0.00	0.00	0.00
1751	1	1042	21.74	0.00	0.00	0.00	0.00	0.00
		1044	-21.74	0.00	0.00	0.00	0.00	0.00
1752	1	1042	-0.95	0.00	0.00	0.00	0.00	0.00
		1077	0.95	0.00	0.00	0.00	0.00	0.00
1753	1	1044	9.52	0.00	0.00	0.00	0.00	0.00
		1078	-9.52	0.00	0.00	0.00	0.00	0.00
1754	1	1078	9.63	0.00	0.00	0.00	0.00	0.00
		1079	-9.63	0.00	0.00	0.00	0.00	0.00
1755	1	1079	-8.25	0.00	0.00	0.00	0.00	0.00
		1076	8.25	0.00	0.00	0.00	0.00	0.00
1756	1	1046	-3.70	0.00	0.00	0.00	0.00	0.00
		1078	3.70	0.00	0.00	0.00	0.00	0.00
1757	1	1044	6.36	0.00	0.00	0.00	0.00	0.00
		1046	-6.36	0.00	0.00	0.00	0.00	0.00
1758	1	1044	-0.78	0.00	0.00	0.00	0.00	0.00
		1079	0.78	0.00	0.00	0.00	0.00	0.00
1759	1	1046	2.16	0.00	0.00	0.00	0.00	0.00
		1080	-2.16	0.00	0.00	0.00	0.00	0.00
1760	1	1080	2.68	0.00	0.00	0.00	0.00	0.00
		1081	-2.68	0.00	0.00	0.00	0.00	0.00
1761	1	1081	-1.46	0.00	0.00	0.00	0.00	0.00
		1078	1.46	0.00	0.00	0.00	0.00	0.00
1762	1	1048	3.78	0.00	0.00	0.00	0.00	0.00
		1080	-3.78	0.00	0.00	0.00	0.00	0.00
1763	1	1046	2.37	0.00	0.00	0.00	0.00	0.00
		1048	-2.37	0.00	0.00	0.00	0.00	0.00
1764	1	1046	-0.68	0.00	0.00	0.00	0.00	0.00
		1081	0.68	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 287

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1765	1	1048	-5.30	0.00	0.00	0.00	0.00	0.00
		1082	5.30	0.00	0.00	0.00	0.00	0.00
1766	1	1082	-4.16	0.00	0.00	0.00	0.00	0.00
		1083	4.16	0.00	0.00	0.00	0.00	0.00
1767	1	1083	5.43	0.00	0.00	0.00	0.00	0.00
		1080	-5.43	0.00	0.00	0.00	0.00	0.00
1768	1	1050	11.33	0.00	0.00	0.00	0.00	0.00
		1082	-11.33	0.00	0.00	0.00	0.00	0.00
1769	1	1048	9.84	0.00	0.00	0.00	0.00	0.00
		1050	-9.84	0.00	0.00	0.00	0.00	0.00
1770	1	1048	-0.71	0.00	0.00	0.00	0.00	0.00
		1083	0.71	0.00	0.00	0.00	0.00	0.00
1771	1	1050	-13.06	0.00	0.00	0.00	0.00	0.00
		1084	13.06	0.00	0.00	0.00	0.00	0.00
1772	1	1084	-11.27	0.00	0.00	0.00	0.00	0.00
		1085	11.27	0.00	0.00	0.00	0.00	0.00
1773	1	1085	12.87	0.00	0.00	0.00	0.00	0.00
		1082	-12.87	0.00	0.00	0.00	0.00	0.00
1774	1	1050	-0.89	0.00	0.00	0.00	0.00	0.00
		1085	0.89	0.00	0.00	0.00	0.00	0.00
1775	1	1052	14.55	0.00	0.00	0.00	0.00	0.00
		1084	-14.55	0.00	0.00	0.00	0.00	0.00
1776	1	1052	-15.89	0.00	0.00	0.00	0.00	0.00
		1086	15.89	0.00	0.00	0.00	0.00	0.00
1777	1	1086	-13.07	0.00	0.00	0.00	0.00	0.00
		1087	13.07	0.00	0.00	0.00	0.00	0.00
1778	1	1087	17.35	0.00	0.00	0.00	0.00	0.00
		1084	-17.35	0.00	0.00	0.00	0.00	0.00
1779	1	1054	29.32	0.00	0.00	0.00	0.00	0.00
		1086	-29.32	0.00	0.00	0.00	0.00	0.00
1780	1	1052	54.20	0.00	0.00	0.00	0.00	0.00
		1054	-54.20	0.00	0.00	0.00	0.00	0.00
1781	1	1052	-2.40	0.00	0.00	0.00	0.00	0.00
		1087	2.40	0.00	0.00	0.00	0.00	0.00
1782	1	1054	3.88	0.00	0.00	0.00	0.00	0.00
		1088	-3.88	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 288

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1783	1	1088	4.46	0.00	0.00	0.00	0.00	0.00
		1089	-4.46	0.00	0.00	0.00	0.00	0.00
1784	1	1089	32.49	0.00	0.00	0.00	0.00	0.00
		1086	-32.49	0.00	0.00	0.00	0.00	0.00
1785	1	1056	0.56	0.00	0.00	0.00	0.00	0.00
		1088	-0.56	0.00	0.00	0.00	0.00	0.00
1786	1	1054	-26.28	0.00	0.00	0.00	0.00	0.00
		1056	26.28	0.00	0.00	0.00	0.00	0.00
1787	1	1054	-4.87	0.00	0.00	0.00	0.00	0.00
		1089	4.87	0.00	0.00	0.00	0.00	0.00
1788	1	1056	-2.43	0.00	0.00	0.00	0.00	0.00
		1090	2.43	0.00	0.00	0.00	0.00	0.00
1789	1	1090	-1.94	0.00	0.00	0.00	0.00	0.00
		1091	1.94	0.00	0.00	0.00	0.00	0.00
1790	1	1091	2.09	0.00	0.00	0.00	0.00	0.00
		1088	-2.09	0.00	0.00	0.00	0.00	0.00
1791	1	1058	6.81	0.00	0.00	0.00	0.00	0.00
		1090	-6.81	0.00	0.00	0.00	0.00	0.00
1792	1	1056	-23.12	0.00	0.00	0.00	0.00	0.00
		1058	23.12	0.00	0.00	0.00	0.00	0.00
1793	1	1056	-0.08	0.00	0.00	0.00	0.00	0.00
		1091	0.08	0.00	0.00	0.00	0.00	0.00
1794	1	1058	-7.96	0.00	0.00	0.00	0.00	0.00
		1092	7.96	0.00	0.00	0.00	0.00	0.00
1795	1	1092	-7.05	0.00	0.00	0.00	0.00	0.00
		1093	7.05	0.00	0.00	0.00	0.00	0.00
1796	1	1093	7.34	0.00	0.00	0.00	0.00	0.00
		1090	-7.34	0.00	0.00	0.00	0.00	0.00
1797	1	1058	-0.19	0.00	0.00	0.00	0.00	0.00
		1093	0.19	0.00	0.00	0.00	0.00	0.00
1798	1	1050	29.20	0.00	0.00	0.00	0.00	0.00
		1052	-29.20	0.00	0.00	0.00	0.00	0.00
1799	1	1064	0.93	0.00	0.00	0.00	0.00	0.00
		1094	-0.93	0.00	0.00	0.00	0.00	0.00
1800	1	1059	-0.52	0.00	0.00	0.00	0.00	0.00
		1094	0.52	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 289

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1801	1	1059	-0.00	0.00	0.00	0.00	0.00	0.00
		1031	0.00	0.00	0.00	0.00	0.00	0.00
1802	1	1059	0.95	0.00	0.00	0.00	0.00	0.00
		1064	-0.95	0.00	0.00	0.00	0.00	0.00
1803	1	1061	14.70	0.00	0.00	0.00	0.00	0.00
		1092	-14.70	0.00	0.00	0.00	0.00	0.00
1804	1	1058	-11.54	0.00	0.00	0.00	0.00	0.00
		1061	11.54	0.00	0.00	0.00	0.00	0.00
1805	1	1061	-15.50	0.00	0.00	0.00	0.00	0.00
		1095	15.50	0.00	0.00	0.00	0.00	0.00
1806	1	1095	-14.59	0.00	0.00	0.00	0.00	0.00
		1096	14.59	0.00	0.00	0.00	0.00	0.00
1807	1	1096	14.59	0.00	0.00	0.00	0.00	0.00
		1092	-14.59	0.00	0.00	0.00	0.00	0.00
1808	1	1061	-0.04	0.00	0.00	0.00	0.00	0.00
		1096	0.04	0.00	0.00	0.00	0.00	0.00
1809	1	1063	17.89	0.00	0.00	0.00	0.00	0.00
		1095	-17.89	0.00	0.00	0.00	0.00	0.00
1810	1	1061	12.22	0.00	0.00	0.00	0.00	0.00
		1063	-12.22	0.00	0.00	0.00	0.00	0.00
1811	1	1063	-17.50	0.00	0.00	0.00	0.00	0.00
		1097	17.50	0.00	0.00	0.00	0.00	0.00
1812	1	1097	-16.32	0.00	0.00	0.00	0.00	0.00
		1098	16.32	0.00	0.00	0.00	0.00	0.00
1813	1	1098	18.56	0.00	0.00	0.00	0.00	0.00
		1095	-18.56	0.00	0.00	0.00	0.00	0.00
1814	1	1063	0.08	0.00	0.00	0.00	0.00	0.00
		1098	-0.08	0.00	0.00	0.00	0.00	0.00
1815	1	412	7.73	0.00	0.00	0.00	0.00	0.00
		1097	-7.73	0.00	0.00	0.00	0.00	0.00
1816	1	1063	40.46	0.00	0.00	0.00	0.00	0.00
		412	-40.46	0.00	0.00	0.00	0.00	0.00
1817	1	376	9.97	0.00	0.00	0.00	0.00	0.00
		1097	-9.97	0.00	0.00	0.00	0.00	0.00
1818	1	412	-0.51	0.00	0.00	0.00	0.00	0.00
		376	0.51	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 290

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1819	1	1066 1099	1.90 -1.90	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1820	1	1066 1100	54.29 -54.29	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1821	1	1100 1101	-2.96 2.96	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1822	1	1101 1099	9.63 -9.63	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1823	1	1068 1100	-39.03 39.03	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1824	1	1066 1068	-106.81 106.81	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1825	1	1066 1101	-4.75 4.75	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1826	1	1068 1102	38.89 -38.89	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1827	1	1102 1103	0.00 -0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1828	1	1103 1100	0.00 -0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1829	1	813 1102	-13.61 13.61	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1830	1	1068 813	-158.20 158.20	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1831	1	813 1104	27.04 -27.04	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1832	1	1104 816	36.60 -36.60	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1833	1	816 1102	-67.62 67.62	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1834	1	1071 1104	-25.70 25.70	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1835	1	813 1071	119.62 -119.62	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1836	1	1071 1105	43.95 -43.95	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 291

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1837	1	1105	0.00	0.00	0.00	0.00	0.00	0.00
		1106	-0.00	0.00	0.00	0.00	0.00	0.00
1838	1	1106	-0.00	0.00	0.00	0.00	0.00	0.00
		1104	0.00	0.00	0.00	0.00	0.00	0.00
1839	1	1073	-35.33	0.00	0.00	0.00	0.00	0.00
		1105	35.33	0.00	0.00	0.00	0.00	0.00
1840	1	1071	148.13	0.00	0.00	0.00	0.00	0.00
		1073	-148.13	0.00	0.00	0.00	0.00	0.00
1841	1	1071	0.00	0.00	0.00	0.00	0.00	0.00
		1106	-0.00	0.00	0.00	0.00	0.00	0.00
1842	1	1073	32.61	0.00	0.00	0.00	0.00	0.00
		1107	-32.61	0.00	0.00	0.00	0.00	0.00
1843	1	1107	-0.00	0.00	0.00	0.00	0.00	0.00
		1108	0.00	0.00	0.00	0.00	0.00	0.00
1844	1	1108	-0.00	0.00	0.00	0.00	0.00	0.00
		1105	0.00	0.00	0.00	0.00	0.00	0.00
1845	1	1075	-28.69	0.00	0.00	0.00	0.00	0.00
		1107	28.69	0.00	0.00	0.00	0.00	0.00
1846	1	1073	94.16	0.00	0.00	0.00	0.00	0.00
		1075	-94.16	0.00	0.00	0.00	0.00	0.00
1847	1	1073	0.00	0.00	0.00	0.00	0.00	0.00
		1108	-0.00	0.00	0.00	0.00	0.00	0.00
1848	1	1075	26.56	0.00	0.00	0.00	0.00	0.00
		1109	-26.56	0.00	0.00	0.00	0.00	0.00
1849	1	1109	0.00	0.00	0.00	0.00	0.00	0.00
		1110	-0.00	0.00	0.00	0.00	0.00	0.00
1850	1	1110	-0.00	0.00	0.00	0.00	0.00	0.00
		1107	0.00	0.00	0.00	0.00	0.00	0.00
1851	1	1077	-20.22	0.00	0.00	0.00	0.00	0.00
		1109	20.22	0.00	0.00	0.00	0.00	0.00
1852	1	1075	51.20	0.00	0.00	0.00	0.00	0.00
		1077	-51.20	0.00	0.00	0.00	0.00	0.00
1853	1	1075	-0.00	0.00	0.00	0.00	0.00	0.00
		1110	0.00	0.00	0.00	0.00	0.00	0.00
1854	1	1077	18.55	0.00	0.00	0.00	0.00	0.00
		1111	-18.55	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 292

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1855	1	1111	0.00	0.00	0.00	0.00	0.00	0.00
		1112	-0.00	0.00	0.00	0.00	0.00	0.00
1856	1	1112	-0.00	0.00	0.00	0.00	0.00	0.00
		1109	0.00	0.00	0.00	0.00	0.00	0.00
1857	1	1079	-11.90	0.00	0.00	0.00	0.00	0.00
		1111	11.90	0.00	0.00	0.00	0.00	0.00
1858	1	1077	21.62	0.00	0.00	0.00	0.00	0.00
		1079	-21.62	0.00	0.00	0.00	0.00	0.00
1859	1	1077	-0.00	0.00	0.00	0.00	0.00	0.00
		1112	0.00	0.00	0.00	0.00	0.00	0.00
1860	1	1079	10.49	0.00	0.00	0.00	0.00	0.00
		1113	-10.49	0.00	0.00	0.00	0.00	0.00
1861	1	1113	-0.00	0.00	0.00	0.00	0.00	0.00
		1114	0.00	0.00	0.00	0.00	0.00	0.00
1862	1	1114	0.00	0.00	0.00	0.00	0.00	0.00
		1111	-0.00	0.00	0.00	0.00	0.00	0.00
1863	1	1081	-3.76	0.00	0.00	0.00	0.00	0.00
		1113	3.76	0.00	0.00	0.00	0.00	0.00
1864	1	1079	4.91	0.00	0.00	0.00	0.00	0.00
		1081	-4.91	0.00	0.00	0.00	0.00	0.00
1865	1	1079	-0.00	0.00	0.00	0.00	0.00	0.00
		1114	0.00	0.00	0.00	0.00	0.00	0.00
1866	1	1081	2.54	0.00	0.00	0.00	0.00	0.00
		1115	-2.54	0.00	0.00	0.00	0.00	0.00
1867	1	1115	0.00	0.00	0.00	0.00	0.00	0.00
		1116	-0.00	0.00	0.00	0.00	0.00	0.00
1868	1	1116	-0.00	0.00	0.00	0.00	0.00	0.00
		1113	0.00	0.00	0.00	0.00	0.00	0.00
1869	1	1083	4.38	0.00	0.00	0.00	0.00	0.00
		1115	-4.38	0.00	0.00	0.00	0.00	0.00
1870	1	1081	0.58	0.00	0.00	0.00	0.00	0.00
		1083	-0.58	0.00	0.00	0.00	0.00	0.00
1871	1	1081	0.00	0.00	0.00	0.00	0.00	0.00
		1116	-0.00	0.00	0.00	0.00	0.00	0.00
1872	1	1083	-5.65	0.00	0.00	0.00	0.00	0.00
		1117	5.65	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 293

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1873	1	1117	-0.00	0.00	0.00	0.00	0.00	0.00
		1118	0.00	0.00	0.00	0.00	0.00	0.00
1874	1	1118	-0.00	0.00	0.00	0.00	0.00	0.00
		1115	0.00	0.00	0.00	0.00	0.00	0.00
1875	1	1085	12.45	0.00	0.00	0.00	0.00	0.00
		1117	-12.45	0.00	0.00	0.00	0.00	0.00
1876	1	1083	8.72	0.00	0.00	0.00	0.00	0.00
		1085	-8.72	0.00	0.00	0.00	0.00	0.00
1877	1	1083	0.00	0.00	0.00	0.00	0.00	0.00
		1118	-0.00	0.00	0.00	0.00	0.00	0.00
1878	1	1085	-14.03	0.00	0.00	0.00	0.00	0.00
		1119	14.03	0.00	0.00	0.00	0.00	0.00
1879	1	1119	-0.00	0.00	0.00	0.00	0.00	0.00
		1120	0.00	0.00	0.00	0.00	0.00	0.00
1880	1	1120	0.00	0.00	0.00	0.00	0.00	0.00
		1117	-0.00	0.00	0.00	0.00	0.00	0.00
1881	1	1085	-0.00	0.00	0.00	0.00	0.00	0.00
		1120	0.00	0.00	0.00	0.00	0.00	0.00
1882	1	1087	17.06	0.00	0.00	0.00	0.00	0.00
		1119	-17.06	0.00	0.00	0.00	0.00	0.00
1883	1	1087	-21.38	0.00	0.00	0.00	0.00	0.00
		1121	21.38	0.00	0.00	0.00	0.00	0.00
1884	1	1121	-0.00	0.00	0.00	0.00	0.00	0.00
		1122	0.00	0.00	0.00	0.00	0.00	0.00
1885	1	1122	0.00	0.00	0.00	0.00	0.00	0.00
		1119	-0.00	0.00	0.00	0.00	0.00	0.00
1886	1	1089	24.32	0.00	0.00	0.00	0.00	0.00
		1121	-24.32	0.00	0.00	0.00	0.00	0.00
1887	1	1087	58.30	0.00	0.00	0.00	0.00	0.00
		1089	-58.30	0.00	0.00	0.00	0.00	0.00
1888	1	1087	0.00	0.00	0.00	0.00	0.00	0.00
		1122	-0.00	0.00	0.00	0.00	0.00	0.00
1889	1	1089	8.78	0.00	0.00	0.00	0.00	0.00
		1123	-8.78	0.00	0.00	0.00	0.00	0.00
1890	1	1123	-11.07	0.00	0.00	0.00	0.00	0.00
		1124	11.07	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 294

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1891	1	1124	19.54	0.00	0.00	0.00	0.00	0.00
		1121	-19.54	0.00	0.00	0.00	0.00	0.00
1892	1	1091	2.06	0.00	0.00	0.00	0.00	0.00
		1123	-2.06	0.00	0.00	0.00	0.00	0.00
1893	1	1089	-28.61	0.00	0.00	0.00	0.00	0.00
		1091	28.61	0.00	0.00	0.00	0.00	0.00
1894	1	1089	-3.67	0.00	0.00	0.00	0.00	0.00
		1124	3.67	0.00	0.00	0.00	0.00	0.00
1895	1	1091	-2.18	0.00	0.00	0.00	0.00	0.00
		1125	2.18	0.00	0.00	0.00	0.00	0.00
1896	1	1125	-0.00	0.00	0.00	0.00	0.00	0.00
		1126	0.00	0.00	0.00	0.00	0.00	0.00
1897	1	1126	-0.00	0.00	0.00	0.00	0.00	0.00
		1123	0.00	0.00	0.00	0.00	0.00	0.00
1898	1	1093	8.02	0.00	0.00	0.00	0.00	0.00
		1125	-8.02	0.00	0.00	0.00	0.00	0.00
1899	1	1091	-25.18	0.00	0.00	0.00	0.00	0.00
		1093	25.18	0.00	0.00	0.00	0.00	0.00
1900	1	1091	-0.00	0.00	0.00	0.00	0.00	0.00
		1126	0.00	0.00	0.00	0.00	0.00	0.00
1901	1	1093	-8.40	0.00	0.00	0.00	0.00	0.00
		1127	8.40	0.00	0.00	0.00	0.00	0.00
1902	1	1127	-0.00	0.00	0.00	0.00	0.00	0.00
		1128	0.00	0.00	0.00	0.00	0.00	0.00
1903	1	1128	-0.00	0.00	0.00	0.00	0.00	0.00
		1125	0.00	0.00	0.00	0.00	0.00	0.00
1904	1	1093	0.00	0.00	0.00	0.00	0.00	0.00
		1128	-0.00	0.00	0.00	0.00	0.00	0.00
1905	1	1085	29.73	0.00	0.00	0.00	0.00	0.00
		1087	-29.73	0.00	0.00	0.00	0.00	0.00
1906	1	1099	-0.00	0.00	0.00	0.00	0.00	0.00
		1129	0.00	0.00	0.00	0.00	0.00	0.00
1907	1	1094	0.00	0.00	0.00	0.00	0.00	0.00
		1129	-0.00	0.00	0.00	0.00	0.00	0.00
1908	1	1094	-0.00	0.00	0.00	0.00	0.00	0.00
		1066	0.00	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 295

MEMBER END FORCES STRUCTURE TYPE = SPACE

 ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1909	1	1094	-0.93	0.00	0.00	0.00	0.00	0.00
		1099	0.93	0.00	0.00	0.00	0.00	0.00
1910	1	1096	16.13	0.00	0.00	0.00	0.00	0.00
		1127	-16.13	0.00	0.00	0.00	0.00	0.00
1911	1	1093	-12.40	0.00	0.00	0.00	0.00	0.00
		1096	12.40	0.00	0.00	0.00	0.00	0.00
1912	1	1096	-16.28	0.00	0.00	0.00	0.00	0.00
		1130	16.28	0.00	0.00	0.00	0.00	0.00
1913	1	1130	-0.00	0.00	0.00	0.00	0.00	0.00
		1131	0.00	0.00	0.00	0.00	0.00	0.00
1914	1	1131	-0.00	0.00	0.00	0.00	0.00	0.00
		1127	0.00	0.00	0.00	0.00	0.00	0.00
1915	1	1096	-0.00	0.00	0.00	0.00	0.00	0.00
		1131	0.00	0.00	0.00	0.00	0.00	0.00
1916	1	1098	19.69	0.00	0.00	0.00	0.00	0.00
		1130	-19.69	0.00	0.00	0.00	0.00	0.00
1917	1	1096	13.18	0.00	0.00	0.00	0.00	0.00
		1098	-13.18	0.00	0.00	0.00	0.00	0.00
1918	1	1098	-18.71	0.00	0.00	0.00	0.00	0.00
		1132	18.71	0.00	0.00	0.00	0.00	0.00
1919	1	1132	0.00	0.00	0.00	0.00	0.00	0.00
		1133	-0.00	0.00	0.00	0.00	0.00	0.00
1920	1	1133	-0.00	0.00	0.00	0.00	0.00	0.00
		1130	0.00	0.00	0.00	0.00	0.00	0.00
1921	1	1098	0.00	0.00	0.00	0.00	0.00	0.00
		1133	-0.00	0.00	0.00	0.00	0.00	0.00
1922	1	376	8.32	0.00	0.00	0.00	0.00	0.00
		1132	-8.32	0.00	0.00	0.00	0.00	0.00
1923	1	1098	43.68	0.00	0.00	0.00	0.00	0.00
		376	-43.68	0.00	0.00	0.00	0.00	0.00
1924	1	375	0.00	0.00	0.00	0.00	0.00	0.00
		1132	-0.00	0.00	0.00	0.00	0.00	0.00
1925	1	376	-0.00	0.00	0.00	0.00	0.00	0.00
		375	0.00	0.00	0.00	0.00	0.00	0.00
1926	1	891	8.73	0.00	0.00	0.00	0.00	0.00
		779	-8.73	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 296

MEMBER END FORCES STRUCTURE TYPE = SPACE

 ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1927	1	779 894	49.38 -49.38	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1928	1	894 782	48.74 -48.74	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1929	1	782 961	55.49 -55.49	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1930	1	961 794	49.77 -49.77	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1931	1	794 996	58.38 -58.38	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1932	1	996 797	49.53 -49.53	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1933	1	797 1031	62.07 -62.07	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1934	1	1031 806	48.15 -48.15	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1935	1	806 1066	64.39 -64.39	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1936	1	1066 809	45.36 -45.36	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1937	1	809 1101	8.30 -8.30	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1938	1	523 525	-6.46 6.46	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1939	1	525 255	-23.50 23.50	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1940	1	255 528	61.87 -61.87	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1941	1	528 530	49.80 -49.80	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1942	1	530 532	33.01 -33.01	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1943	1	532 534	16.12 -16.12	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
1944	1	534 536	2.95 -2.95	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 297

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1945	1	536	-4.94	0.00	0.00	0.00	0.00	0.00
		538	4.94	0.00	0.00	0.00	0.00	0.00
1946	1	538	-6.96	0.00	0.00	0.00	0.00	0.00
		540	6.96	0.00	0.00	0.00	0.00	0.00
1947	1	540	-3.06	0.00	0.00	0.00	0.00	0.00
		542	3.06	0.00	0.00	0.00	0.00	0.00
1948	1	544	18.41	0.00	0.00	0.00	0.00	0.00
		546	-18.41	0.00	0.00	0.00	0.00	0.00
1949	1	546	-15.73	0.00	0.00	0.00	0.00	0.00
		548	15.73	0.00	0.00	0.00	0.00	0.00
1950	1	548	-15.22	0.00	0.00	0.00	0.00	0.00
		550	15.22	0.00	0.00	0.00	0.00	0.00
1951	1	542	6.20	0.00	0.00	0.00	0.00	0.00
		544	-6.20	0.00	0.00	0.00	0.00	0.00
1952	1	551	-0.00	0.00	0.00	0.00	0.00	0.00
		523	0.00	0.00	0.00	0.00	0.00	0.00
1953	1	550	-9.22	0.00	0.00	0.00	0.00	0.00
		553	9.22	0.00	0.00	0.00	0.00	0.00
1954	1	553	2.29	0.00	0.00	0.00	0.00	0.00
		555	-2.29	0.00	0.00	0.00	0.00	0.00
1955	1	555	15.03	0.00	0.00	0.00	0.00	0.00
		556	-15.03	0.00	0.00	0.00	0.00	0.00
2000	1	105	0.23	0.00	0.00	0.00	0.00	0.00
		90	-0.23	0.00	0.00	0.00	0.00	0.00
2001	1	105	10.95	0.00	0.00	0.00	0.00	0.00
		118	-10.95	0.00	0.00	0.00	0.00	0.00
2002	1	148	5.17	0.00	0.00	0.00	0.00	0.00
		118	-5.17	0.00	0.00	0.00	0.00	0.00
2003	1	148	9.42	0.00	0.00	0.00	0.00	0.00
		161	-9.42	0.00	0.00	0.00	0.00	0.00
2004	1	191	12.61	0.00	0.00	0.00	0.00	0.00
		161	-12.61	0.00	0.00	0.00	0.00	0.00
2005	1	191	-2.32	0.00	0.00	0.00	0.00	0.00
		204	2.32	0.00	0.00	0.00	0.00	0.00
2006	1	195	7.54	0.00	0.00	0.00	0.00	0.00
		208	-7.54	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 298

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2007	1	195	7.47	0.00	0.00	0.00	0.00	0.00
		165	-7.47	0.00	0.00	0.00	0.00	0.00
2008	1	165	2.36	0.00	0.00	0.00	0.00	0.00
		152	-2.36	0.00	0.00	0.00	0.00	0.00
2009	1	152	2.71	0.00	0.00	0.00	0.00	0.00
		122	-2.71	0.00	0.00	0.00	0.00	0.00
2010	1	122	7.24	0.00	0.00	0.00	0.00	0.00
		109	-7.24	0.00	0.00	0.00	0.00	0.00
2011	1	109	9.53	0.00	0.00	0.00	0.00	0.00
		100	-9.53	0.00	0.00	0.00	0.00	0.00
2012	1	11	403.22	0.00	0.00	0.00	0.00	0.00
		21	-403.22	0.00	0.00	0.00	0.00	0.00
2013	1	2	-313.35	0.00	0.00	0.00	0.00	0.00
		12	313.35	0.00	0.00	0.00	0.00	0.00
2014	1	12	-288.13	0.00	0.00	0.00	0.00	0.00
		21	288.13	0.00	0.00	0.00	0.00	0.00
2015	1	12	299.77	0.00	0.00	0.00	0.00	0.00
		22	-299.77	0.00	0.00	0.00	0.00	0.00
2016	1	3	-281.10	0.00	0.00	0.00	0.00	0.00
		13	281.10	0.00	0.00	0.00	0.00	0.00
2017	1	13	-280.45	0.00	0.00	0.00	0.00	0.00
		22	280.45	0.00	0.00	0.00	0.00	0.00
2018	1	13	281.10	0.00	0.00	0.00	0.00	0.00
		23	-281.10	0.00	0.00	0.00	0.00	0.00
2019	1	4	-236.06	0.00	0.00	0.00	0.00	0.00
		14	236.06	0.00	0.00	0.00	0.00	0.00
2020	1	14	-236.05	0.00	0.00	0.00	0.00	0.00
		23	236.05	0.00	0.00	0.00	0.00	0.00
2021	1	14	235.65	0.00	0.00	0.00	0.00	0.00
		24	-235.65	0.00	0.00	0.00	0.00	0.00
2022	1	5	-192.35	0.00	0.00	0.00	0.00	0.00
		15	192.35	0.00	0.00	0.00	0.00	0.00
2023	1	15	-194.28	0.00	0.00	0.00	0.00	0.00
		24	194.28	0.00	0.00	0.00	0.00	0.00
2024	1	15	192.27	0.00	0.00	0.00	0.00	0.00
		25	-192.27	0.00	0.00	0.00	0.00	0.00

IBI, INC.

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MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2025	1	6 16	-148.56 148.56	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2026	1	16 25	-152.37 152.37	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2027	1	16 26	149.00 -149.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2028	1	7 17	-105.12 105.12	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2029	1	17 26	-109.73 109.73	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2030	1	17 27	106.18 -106.18	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2031	1	8 18	-60.94 60.94	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2032	1	18 27	-68.12 68.12	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2033	1	18 28	62.32 -62.32	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2034	1	9 19	-18.52 18.52	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2035	1	19 28	-24.60 24.60	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2036	1	19 29	20.23 -20.23	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2037	1	1 11	-7.44 7.44	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2038	1	11 2	375.39 -375.39	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2039	1	12 3	301.85 -301.85	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2040	1	13 4	280.59 -280.59	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2041	1	14 5	236.56 -236.56	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2042	1	15 6	194.44 -194.44	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

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SMALL BUILDING TWO STY; 22 X 40

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MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2043	1	16 7	151.99 -151.99	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2044	1	17 8	108.72 -108.72	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2045	1	18 9	66.76 -66.76	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2046	1	19 10	22.90 -22.90	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2047	1	30 40	415.58 -415.58	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2048	1	21 31	-297.35 297.35	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2049	1	31 40	-295.49 295.49	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2050	1	31 41	296.40 -296.40	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2051	1	22 32	-281.90 281.90	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2052	1	32 41	-283.11 283.11	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2053	1	32 42	283.02 -283.02	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2054	1	23 33	-236.19 236.19	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2055	1	33 42	-237.51 237.51	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2056	1	33 43	237.51 -237.51	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2057	1	24 34	-193.00 193.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2058	1	34 43	-194.40 194.40	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2059	1	34 44	194.43 -194.43	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2060	1	25 35	-149.92 149.92	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 301

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2061	1	35	-151.48	0.00	0.00	0.00	0.00	0.00
		44	151.48	0.00	0.00	0.00	0.00	0.00
2062	1	35	151.54	0.00	0.00	0.00	0.00	0.00
		45	-151.54	0.00	0.00	0.00	0.00	0.00
2063	1	26	-107.14	0.00	0.00	0.00	0.00	0.00
		36	107.14	0.00	0.00	0.00	0.00	0.00
2064	1	36	-108.12	0.00	0.00	0.00	0.00	0.00
		45	108.12	0.00	0.00	0.00	0.00	0.00
2065	1	36	108.93	0.00	0.00	0.00	0.00	0.00
		46	-108.93	0.00	0.00	0.00	0.00	0.00
2066	1	27	-63.23	0.00	0.00	0.00	0.00	0.00
		37	63.23	0.00	0.00	0.00	0.00	0.00
2067	1	37	-65.99	0.00	0.00	0.00	0.00	0.00
		46	65.99	0.00	0.00	0.00	0.00	0.00
2068	1	37	65.13	0.00	0.00	0.00	0.00	0.00
		47	-65.13	0.00	0.00	0.00	0.00	0.00
2069	1	28	-21.09	0.00	0.00	0.00	0.00	0.00
		38	21.09	0.00	0.00	0.00	0.00	0.00
2070	1	38	-22.07	0.00	0.00	0.00	0.00	0.00
		47	22.07	0.00	0.00	0.00	0.00	0.00
2071	1	38	23.00	0.00	0.00	0.00	0.00	0.00
		48	-23.00	0.00	0.00	0.00	0.00	0.00
2072	1	20	10.03	0.00	0.00	0.00	0.00	0.00
		30	-10.03	0.00	0.00	0.00	0.00	0.00
2073	1	30	386.64	0.00	0.00	0.00	0.00	0.00
		21	-386.64	0.00	0.00	0.00	0.00	0.00
2074	1	31	296.58	0.00	0.00	0.00	0.00	0.00
		22	-296.58	0.00	0.00	0.00	0.00	0.00
2075	1	32	282.12	0.00	0.00	0.00	0.00	0.00
		23	-282.12	0.00	0.00	0.00	0.00	0.00
2076	1	33	236.30	0.00	0.00	0.00	0.00	0.00
		24	-236.30	0.00	0.00	0.00	0.00	0.00
2077	1	34	193.07	0.00	0.00	0.00	0.00	0.00
		25	-193.07	0.00	0.00	0.00	0.00	0.00
2078	1	35	149.93	0.00	0.00	0.00	0.00	0.00
		26	-149.93	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 302

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2079	1	36	106.38	0.00	0.00	0.00	0.00	0.00
		27	-106.38	0.00	0.00	0.00	0.00	0.00
2080	1	37	64.12	0.00	0.00	0.00	0.00	0.00
		28	-64.12	0.00	0.00	0.00	0.00	0.00
2081	1	38	20.17	0.00	0.00	0.00	0.00	0.00
		29	-20.17	0.00	0.00	0.00	0.00	0.00
2082	1	49	384.43	0.00	0.00	0.00	0.00	0.00
		59	-384.43	0.00	0.00	0.00	0.00	0.00
2083	1	40	-286.24	0.00	0.00	0.00	0.00	0.00
		50	286.24	0.00	0.00	0.00	0.00	0.00
2084	1	50	-313.66	0.00	0.00	0.00	0.00	0.00
		59	313.66	0.00	0.00	0.00	0.00	0.00
2085	1	50	301.33	0.00	0.00	0.00	0.00	0.00
		60	-301.33	0.00	0.00	0.00	0.00	0.00
2086	1	41	-280.23	0.00	0.00	0.00	0.00	0.00
		51	280.23	0.00	0.00	0.00	0.00	0.00
2087	1	51	-282.50	0.00	0.00	0.00	0.00	0.00
		60	282.50	0.00	0.00	0.00	0.00	0.00
2088	1	51	282.14	0.00	0.00	0.00	0.00	0.00
		61	-282.14	0.00	0.00	0.00	0.00	0.00
2089	1	42	-235.26	0.00	0.00	0.00	0.00	0.00
		52	235.26	0.00	0.00	0.00	0.00	0.00
2090	1	52	-237.53	0.00	0.00	0.00	0.00	0.00
		61	237.53	0.00	0.00	0.00	0.00	0.00
2091	1	52	238.09	0.00	0.00	0.00	0.00	0.00
		62	-238.09	0.00	0.00	0.00	0.00	0.00
2092	1	43	-193.04	0.00	0.00	0.00	0.00	0.00
		53	193.04	0.00	0.00	0.00	0.00	0.00
2093	1	53	-193.76	0.00	0.00	0.00	0.00	0.00
		62	193.76	0.00	0.00	0.00	0.00	0.00
2094	1	53	195.88	0.00	0.00	0.00	0.00	0.00
		63	-195.88	0.00	0.00	0.00	0.00	0.00
2095	1	44	-150.88	0.00	0.00	0.00	0.00	0.00
		54	150.88	0.00	0.00	0.00	0.00	0.00
2096	1	54	-150.00	0.00	0.00	0.00	0.00	0.00
		63	150.00	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 303

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2097	1	54	153.40	0.00	0.00	0.00	0.00	0.00
		64	-153.40	0.00	0.00	0.00	0.00	0.00
2098	1	45	-108.83	0.00	0.00	0.00	0.00	0.00
		55	108.83	0.00	0.00	0.00	0.00	0.00
2099	1	55	-106.30	0.00	0.00	0.00	0.00	0.00
		64	106.30	0.00	0.00	0.00	0.00	0.00
2100	1	55	111.40	0.00	0.00	0.00	0.00	0.00
		65	-111.40	0.00	0.00	0.00	0.00	0.00
2101	1	46	-65.47	0.00	0.00	0.00	0.00	0.00
		56	65.47	0.00	0.00	0.00	0.00	0.00
2102	1	56	-63.63	0.00	0.00	0.00	0.00	0.00
		65	63.63	0.00	0.00	0.00	0.00	0.00
2103	1	56	67.76	0.00	0.00	0.00	0.00	0.00
		66	-67.76	0.00	0.00	0.00	0.00	0.00
2104	1	47	-23.66	0.00	0.00	0.00	0.00	0.00
		57	23.66	0.00	0.00	0.00	0.00	0.00
2105	1	57	-19.48	0.00	0.00	0.00	0.00	0.00
		66	19.48	0.00	0.00	0.00	0.00	0.00
2106	1	57	25.68	0.00	0.00	0.00	0.00	0.00
		67	-25.68	0.00	0.00	0.00	0.00	0.00
2107	1	39	23.02	0.00	0.00	0.00	0.00	0.00
		49	-23.02	0.00	0.00	0.00	0.00	0.00
2108	1	49	379.11	0.00	0.00	0.00	0.00	0.00
		40	-379.11	0.00	0.00	0.00	0.00	0.00
2109	1	50	298.71	0.00	0.00	0.00	0.00	0.00
		41	-298.71	0.00	0.00	0.00	0.00	0.00
2110	1	51	280.72	0.00	0.00	0.00	0.00	0.00
		42	-280.72	0.00	0.00	0.00	0.00	0.00
2111	1	52	234.81	0.00	0.00	0.00	0.00	0.00
		43	-234.81	0.00	0.00	0.00	0.00	0.00
2112	1	53	191.01	0.00	0.00	0.00	0.00	0.00
		44	-191.01	0.00	0.00	0.00	0.00	0.00
2113	1	54	147.54	0.00	0.00	0.00	0.00	0.00
		45	-147.54	0.00	0.00	0.00	0.00	0.00
2114	1	55	103.77	0.00	0.00	0.00	0.00	0.00
		46	-103.77	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 304

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2115	1	56 47	61.38 -61.38	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2116	1	57 48	17.48 -17.48	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2117	1	11 20	34.06 -34.06	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2118	1	30 39	53.62 -53.62	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2119	1	49 58	51.47 -51.47	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2120	1	1 105	12.91 -12.91	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2121	1	20 105	31.31 -31.31	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2122	1	20 148	32.15 -32.15	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2123	1	39 148	23.43 -23.43	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2124	1	39 191	20.53 -20.53	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2125	1	58 191	-10.91 10.91	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2126	1	256 109	-43.56 43.56	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2127	1	257 109	-44.48 44.48	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2128	1	257 152	-46.30 46.30	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2129	1	258 152	-42.13 42.13	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2130	1	258 195	-43.17 43.17	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2131	1	259 195	-40.43 40.43	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2132	1	269 278	378.43 -378.43	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 305

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2133	1	260	-309.74	0.00	0.00	0.00	0.00	0.00
		270	309.74	0.00	0.00	0.00	0.00	0.00
2134	1	270	-300.59	0.00	0.00	0.00	0.00	0.00
		278	300.59	0.00	0.00	0.00	0.00	0.00
2135	1	270	304.05	0.00	0.00	0.00	0.00	0.00
		279	-304.05	0.00	0.00	0.00	0.00	0.00
2136	1	261	-281.04	0.00	0.00	0.00	0.00	0.00
		271	281.04	0.00	0.00	0.00	0.00	0.00
2137	1	271	-283.97	0.00	0.00	0.00	0.00	0.00
		279	283.97	0.00	0.00	0.00	0.00	0.00
2138	1	271	281.90	0.00	0.00	0.00	0.00	0.00
		280	-281.90	0.00	0.00	0.00	0.00	0.00
2139	1	262	-236.85	0.00	0.00	0.00	0.00	0.00
		272	236.85	0.00	0.00	0.00	0.00	0.00
2140	1	272	-238.54	0.00	0.00	0.00	0.00	0.00
		280	238.54	0.00	0.00	0.00	0.00	0.00
2141	1	272	236.01	0.00	0.00	0.00	0.00	0.00
		281	-236.01	0.00	0.00	0.00	0.00	0.00
2142	1	263	-193.04	0.00	0.00	0.00	0.00	0.00
		273	193.04	0.00	0.00	0.00	0.00	0.00
2143	1	273	-196.32	0.00	0.00	0.00	0.00	0.00
		281	196.32	0.00	0.00	0.00	0.00	0.00
2144	1	273	192.20	0.00	0.00	0.00	0.00	0.00
		282	-192.20	0.00	0.00	0.00	0.00	0.00
2145	1	264	-149.23	0.00	0.00	0.00	0.00	0.00
		274	149.23	0.00	0.00	0.00	0.00	0.00
2146	1	274	-154.04	0.00	0.00	0.00	0.00	0.00
		282	154.04	0.00	0.00	0.00	0.00	0.00
2147	1	274	148.54	0.00	0.00	0.00	0.00	0.00
		283	-148.54	0.00	0.00	0.00	0.00	0.00
2148	1	265	-105.92	0.00	0.00	0.00	0.00	0.00
		275	105.92	0.00	0.00	0.00	0.00	0.00
2149	1	275	-110.61	0.00	0.00	0.00	0.00	0.00
		283	110.61	0.00	0.00	0.00	0.00	0.00
2150	1	275	105.94	0.00	0.00	0.00	0.00	0.00
		284	-105.94	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 306

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2151	1	266	-60.84	0.00	0.00	0.00	0.00	0.00
		276	60.84	0.00	0.00	0.00	0.00	0.00
2152	1	276	-69.37	0.00	0.00	0.00	0.00	0.00
		284	69.37	0.00	0.00	0.00	0.00	0.00
2153	1	276	61.27	0.00	0.00	0.00	0.00	0.00
		285	-61.27	0.00	0.00	0.00	0.00	0.00
2154	1	267	-18.40	0.00	0.00	0.00	0.00	0.00
		277	18.40	0.00	0.00	0.00	0.00	0.00
2155	1	277	-26.48	0.00	0.00	0.00	0.00	0.00
		285	26.48	0.00	0.00	0.00	0.00	0.00
2156	1	277	18.40	0.00	0.00	0.00	0.00	0.00
		286	-18.40	0.00	0.00	0.00	0.00	0.00
2157	1	256	46.38	0.00	0.00	0.00	0.00	0.00
		269	-46.38	0.00	0.00	0.00	0.00	0.00
2158	1	269	356.39	0.00	0.00	0.00	0.00	0.00
		260	-356.39	0.00	0.00	0.00	0.00	0.00
2159	1	270	306.43	0.00	0.00	0.00	0.00	0.00
		261	-306.43	0.00	0.00	0.00	0.00	0.00
2160	1	271	283.23	0.00	0.00	0.00	0.00	0.00
		262	-283.23	0.00	0.00	0.00	0.00	0.00
2161	1	272	239.48	0.00	0.00	0.00	0.00	0.00
		263	-239.48	0.00	0.00	0.00	0.00	0.00
2162	1	273	197.25	0.00	0.00	0.00	0.00	0.00
		264	-197.25	0.00	0.00	0.00	0.00	0.00
2163	1	274	154.80	0.00	0.00	0.00	0.00	0.00
		265	-154.80	0.00	0.00	0.00	0.00	0.00
2164	1	275	110.64	0.00	0.00	0.00	0.00	0.00
		266	-110.64	0.00	0.00	0.00	0.00	0.00
2165	1	276	68.98	0.00	0.00	0.00	0.00	0.00
		267	-68.98	0.00	0.00	0.00	0.00	0.00
2166	1	277	26.47	0.00	0.00	0.00	0.00	0.00
		268	-26.47	0.00	0.00	0.00	0.00	0.00
2167	1	287	382.19	0.00	0.00	0.00	0.00	0.00
		296	-382.19	0.00	0.00	0.00	0.00	0.00
2168	1	278	-303.43	0.00	0.00	0.00	0.00	0.00
		288	303.43	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 307

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2169	1	288	-301.60	0.00	0.00	0.00	0.00	0.00
		296	301.60	0.00	0.00	0.00	0.00	0.00
2170	1	288	303.74	0.00	0.00	0.00	0.00	0.00
		297	-303.74	0.00	0.00	0.00	0.00	0.00
2171	1	279	-282.73	0.00	0.00	0.00	0.00	0.00
		289	282.73	0.00	0.00	0.00	0.00	0.00
2172	1	289	-283.47	0.00	0.00	0.00	0.00	0.00
		297	283.47	0.00	0.00	0.00	0.00	0.00
2173	1	289	283.74	0.00	0.00	0.00	0.00	0.00
		298	-283.74	0.00	0.00	0.00	0.00	0.00
2174	1	280	-237.17	0.00	0.00	0.00	0.00	0.00
		290	237.17	0.00	0.00	0.00	0.00	0.00
2175	1	290	-237.84	0.00	0.00	0.00	0.00	0.00
		298	237.84	0.00	0.00	0.00	0.00	0.00
2176	1	290	237.95	0.00	0.00	0.00	0.00	0.00
		299	-237.95	0.00	0.00	0.00	0.00	0.00
2177	1	281	-194.23	0.00	0.00	0.00	0.00	0.00
		291	194.23	0.00	0.00	0.00	0.00	0.00
2178	1	291	-194.74	0.00	0.00	0.00	0.00	0.00
		299	194.74	0.00	0.00	0.00	0.00	0.00
2179	1	291	194.81	0.00	0.00	0.00	0.00	0.00
		300	-194.81	0.00	0.00	0.00	0.00	0.00
2180	1	282	-151.31	0.00	0.00	0.00	0.00	0.00
		292	151.31	0.00	0.00	0.00	0.00	0.00
2181	1	292	-151.67	0.00	0.00	0.00	0.00	0.00
		300	151.67	0.00	0.00	0.00	0.00	0.00
2182	1	292	151.83	0.00	0.00	0.00	0.00	0.00
		301	-151.83	0.00	0.00	0.00	0.00	0.00
2183	1	283	-109.06	0.00	0.00	0.00	0.00	0.00
		293	109.06	0.00	0.00	0.00	0.00	0.00
2184	1	293	-107.88	0.00	0.00	0.00	0.00	0.00
		301	107.88	0.00	0.00	0.00	0.00	0.00
2185	1	293	109.68	0.00	0.00	0.00	0.00	0.00
		302	-109.68	0.00	0.00	0.00	0.00	0.00
2186	1	284	-64.72	0.00	0.00	0.00	0.00	0.00
		294	64.72	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 308

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2187	1	294 302	-66.16 66.16	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2188	1	294 303	65.34 -65.34	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2189	1	285 295	-21.72 21.72	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2190	1	295 303	-23.07 23.07	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2191	1	295 304	22.01 -22.01	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2192	1	257 287	35.79 -35.79	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2193	1	287 278	359.61 -359.61	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2194	1	288 279	301.43 -301.43	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2195	1	289 280	282.59 -282.59	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2196	1	290 281	237.17 -237.17	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2197	1	291 282	194.25 -194.25	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2198	1	292 283	151.22 -151.22	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2199	1	293 284	107.31 -107.31	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2200	1	294 285	65.58 -65.58	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2201	1	295 286	22.79 -22.79	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2202	1	305 314	359.39 -359.39	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2203	1	296 306	-294.75 294.75	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2204	1	306 314	-312.10 312.10	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 309

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2205	1	306 315	306.72 -306.72	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2206	1	297 307	-281.19 281.19	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2207	1	307 315	-280.79 280.79	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2208	1	307 316	282.78 -282.78	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2209	1	298 308	-236.62 236.62	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2210	1	308 316	-236.53 236.53	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2211	1	308 317	239.11 -239.11	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2212	1	299 309	-194.94 194.94	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2213	1	309 317	-192.76 192.76	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2214	1	309 318	196.95 -196.95	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2215	1	300 310	-153.04 153.04	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2216	1	310 318	-149.03 149.03	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2217	1	310 319	154.48 -154.48	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2218	1	301 311	-111.66 111.66	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2219	1	311 319	-105.23 105.23	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2220	1	311 320	113.12 -113.12	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2221	1	302 312	-68.25 68.25	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2222	1	312 320	-63.14 63.14	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 310

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2223	1	312	69.58	0.00	0.00	0.00	0.00	0.00
		321	-69.58	0.00	0.00	0.00	0.00	0.00
2224	1	303	-25.50	0.00	0.00	0.00	0.00	0.00
		313	25.50	0.00	0.00	0.00	0.00	0.00
2225	1	313	-19.42	0.00	0.00	0.00	0.00	0.00
		321	19.42	0.00	0.00	0.00	0.00	0.00
2226	1	313	25.87	0.00	0.00	0.00	0.00	0.00
		322	-25.87	0.00	0.00	0.00	0.00	0.00
2227	1	258	15.94	0.00	0.00	0.00	0.00	0.00
		305	-15.94	0.00	0.00	0.00	0.00	0.00
2228	1	305	336.80	0.00	0.00	0.00	0.00	0.00
		296	-336.80	0.00	0.00	0.00	0.00	0.00
2229	1	306	300.27	0.00	0.00	0.00	0.00	0.00
		297	-300.27	0.00	0.00	0.00	0.00	0.00
2230	1	307	279.33	0.00	0.00	0.00	0.00	0.00
		298	-279.33	0.00	0.00	0.00	0.00	0.00
2231	1	308	234.15	0.00	0.00	0.00	0.00	0.00
		299	-234.15	0.00	0.00	0.00	0.00	0.00
2232	1	309	190.84	0.00	0.00	0.00	0.00	0.00
		300	-190.84	0.00	0.00	0.00	0.00	0.00
2233	1	310	147.67	0.00	0.00	0.00	0.00	0.00
		301	-147.67	0.00	0.00	0.00	0.00	0.00
2234	1	311	103.82	0.00	0.00	0.00	0.00	0.00
		302	-103.82	0.00	0.00	0.00	0.00	0.00
2235	1	312	61.84	0.00	0.00	0.00	0.00	0.00
		303	-61.84	0.00	0.00	0.00	0.00	0.00
2236	1	313	19.06	0.00	0.00	0.00	0.00	0.00
		304	-19.06	0.00	0.00	0.00	0.00	0.00
2237	1	269	52.89	0.00	0.00	0.00	0.00	0.00
		257	-52.89	0.00	0.00	0.00	0.00	0.00
2238	1	287	49.51	0.00	0.00	0.00	0.00	0.00
		258	-49.51	0.00	0.00	0.00	0.00	0.00
2239	1	305	43.34	0.00	0.00	0.00	0.00	0.00
		259	-43.34	0.00	0.00	0.00	0.00	0.00
2240	1	566	406.35	0.00	0.00	0.00	0.00	0.00
		576	-406.35	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 311

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2241	1	558 567	-312.97 312.97	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2242	1	567 576	-288.44 288.44	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2243	1	567 577	299.95 -299.95	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2244	1	559 568	-280.95 280.95	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2245	1	568 577	-280.53 280.53	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2246	1	568 578	281.15 -281.15	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2247	1	560 569	-235.93 235.93	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2248	1	569 578	-236.05 236.05	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2249	1	569 579	235.63 -235.63	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2250	1	561 570	-192.23 192.23	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2251	1	570 579	-194.20 194.20	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2252	1	570 580	192.19 -192.19	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2253	1	562 571	-148.46 148.46	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2254	1	571 580	-152.26 152.26	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2255	1	571 581	148.91 -148.91	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2256	1	563 572	-104.90 104.90	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2257	1	572 581	-109.99 109.99	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2258	1	572 582	105.69 -105.69	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 312

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2259	1	564	-61.46	0.00	0.00	0.00	0.00	0.00
		573	61.46	0.00	0.00	0.00	0.00	0.00
2260	1	573	-67.55	0.00	0.00	0.00	0.00	0.00
		582	67.55	0.00	0.00	0.00	0.00	0.00
2261	1	573	62.58	0.00	0.00	0.00	0.00	0.00
		583	-62.58	0.00	0.00	0.00	0.00	0.00
2262	1	565	-18.33	0.00	0.00	0.00	0.00	0.00
		574	18.33	0.00	0.00	0.00	0.00	0.00
2263	1	574	-24.44	0.00	0.00	0.00	0.00	0.00
		583	24.44	0.00	0.00	0.00	0.00	0.00
2264	1	574	20.05	0.00	0.00	0.00	0.00	0.00
		48	-20.05	0.00	0.00	0.00	0.00	0.00
2265	1	557	-5.31	0.00	0.00	0.00	0.00	0.00
		566	5.31	0.00	0.00	0.00	0.00	0.00
2266	1	566	375.59	0.00	0.00	0.00	0.00	0.00
		558	-375.59	0.00	0.00	0.00	0.00	0.00
2267	1	567	301.61	0.00	0.00	0.00	0.00	0.00
		559	-301.61	0.00	0.00	0.00	0.00	0.00
2268	1	568	280.46	0.00	0.00	0.00	0.00	0.00
		560	-280.46	0.00	0.00	0.00	0.00	0.00
2269	1	569	236.45	0.00	0.00	0.00	0.00	0.00
		561	-236.45	0.00	0.00	0.00	0.00	0.00
2270	1	570	194.33	0.00	0.00	0.00	0.00	0.00
		562	-194.33	0.00	0.00	0.00	0.00	0.00
2271	1	571	151.88	0.00	0.00	0.00	0.00	0.00
		563	-151.88	0.00	0.00	0.00	0.00	0.00
2272	1	572	109.25	0.00	0.00	0.00	0.00	0.00
		564	-109.25	0.00	0.00	0.00	0.00	0.00
2273	1	573	66.46	0.00	0.00	0.00	0.00	0.00
		565	-66.46	0.00	0.00	0.00	0.00	0.00
2274	1	574	22.73	0.00	0.00	0.00	0.00	0.00
		67	-22.73	0.00	0.00	0.00	0.00	0.00
2275	1	584	416.23	0.00	0.00	0.00	0.00	0.00
		594	-416.23	0.00	0.00	0.00	0.00	0.00
2276	1	576	-297.43	0.00	0.00	0.00	0.00	0.00
		585	297.43	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 313

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2277	1	585	-295.33	0.00	0.00	0.00	0.00	0.00
		594	295.33	0.00	0.00	0.00	0.00	0.00
2278	1	585	296.60	0.00	0.00	0.00	0.00	0.00
		595	-296.60	0.00	0.00	0.00	0.00	0.00
2279	1	577	-281.74	0.00	0.00	0.00	0.00	0.00
		586	281.74	0.00	0.00	0.00	0.00	0.00
2280	1	586	-283.11	0.00	0.00	0.00	0.00	0.00
		595	283.11	0.00	0.00	0.00	0.00	0.00
2281	1	586	283.05	0.00	0.00	0.00	0.00	0.00
		596	-283.05	0.00	0.00	0.00	0.00	0.00
2282	1	578	-236.03	0.00	0.00	0.00	0.00	0.00
		587	236.03	0.00	0.00	0.00	0.00	0.00
2283	1	587	-237.43	0.00	0.00	0.00	0.00	0.00
		596	237.43	0.00	0.00	0.00	0.00	0.00
2284	1	587	237.44	0.00	0.00	0.00	0.00	0.00
		597	-237.44	0.00	0.00	0.00	0.00	0.00
2285	1	579	-192.84	0.00	0.00	0.00	0.00	0.00
		588	192.84	0.00	0.00	0.00	0.00	0.00
2286	1	588	-194.28	0.00	0.00	0.00	0.00	0.00
		597	194.28	0.00	0.00	0.00	0.00	0.00
2287	1	588	194.30	0.00	0.00	0.00	0.00	0.00
		598	-194.30	0.00	0.00	0.00	0.00	0.00
2288	1	580	-149.77	0.00	0.00	0.00	0.00	0.00
		589	149.77	0.00	0.00	0.00	0.00	0.00
2289	1	589	-151.31	0.00	0.00	0.00	0.00	0.00
		598	151.31	0.00	0.00	0.00	0.00	0.00
2290	1	589	151.32	0.00	0.00	0.00	0.00	0.00
		599	-151.32	0.00	0.00	0.00	0.00	0.00
2291	1	581	-106.67	0.00	0.00	0.00	0.00	0.00
		590	106.67	0.00	0.00	0.00	0.00	0.00
2292	1	590	-108.27	0.00	0.00	0.00	0.00	0.00
		599	108.27	0.00	0.00	0.00	0.00	0.00
2293	1	590	108.27	0.00	0.00	0.00	0.00	0.00
		600	-108.27	0.00	0.00	0.00	0.00	0.00
2294	1	582	-63.61	0.00	0.00	0.00	0.00	0.00
		591	63.61	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 314

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2295	1	591 600	-65.27 65.27	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2296	1	591 601	65.32 -65.32	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2297	1	583 592	-20.96 20.96	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2298	1	592 601	-21.86 21.86	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2299	1	592 29	22.82 -22.82	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2300	1	575 584	8.89 -8.89	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2301	1	584 576	385.61 -385.61	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2302	1	585 577	296.30 -296.30	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2303	1	586 578	281.93 -281.93	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2304	1	587 579	236.13 -236.13	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2305	1	588 580	192.91 -192.91	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2306	1	589 581	149.83 -149.83	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2307	1	590 582	106.71 -106.71	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2308	1	591 583	63.59 -63.59	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2309	1	592 48	20.01 -20.01	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2310	1	602 612	383.86 -383.86	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2311	1	594 603	-285.30 285.30	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2312	1	603 612	-313.65 313.65	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 315

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2313	1	603	301.09	0.00	0.00	0.00	0.00	0.00
		613	-301.09	0.00	0.00	0.00	0.00	0.00
2314	1	595	-279.69	0.00	0.00	0.00	0.00	0.00
		604	279.69	0.00	0.00	0.00	0.00	0.00
2315	1	604	-282.20	0.00	0.00	0.00	0.00	0.00
		613	282.20	0.00	0.00	0.00	0.00	0.00
2316	1	604	281.83	0.00	0.00	0.00	0.00	0.00
		614	-281.83	0.00	0.00	0.00	0.00	0.00
2317	1	596	-234.85	0.00	0.00	0.00	0.00	0.00
		605	234.85	0.00	0.00	0.00	0.00	0.00
2318	1	605	-237.21	0.00	0.00	0.00	0.00	0.00
		614	237.21	0.00	0.00	0.00	0.00	0.00
2319	1	605	237.79	0.00	0.00	0.00	0.00	0.00
		615	-237.79	0.00	0.00	0.00	0.00	0.00
2320	1	597	-192.72	0.00	0.00	0.00	0.00	0.00
		606	192.72	0.00	0.00	0.00	0.00	0.00
2321	1	606	-193.47	0.00	0.00	0.00	0.00	0.00
		615	193.47	0.00	0.00	0.00	0.00	0.00
2322	1	606	195.60	0.00	0.00	0.00	0.00	0.00
		616	-195.60	0.00	0.00	0.00	0.00	0.00
2323	1	598	-150.61	0.00	0.00	0.00	0.00	0.00
		607	150.61	0.00	0.00	0.00	0.00	0.00
2324	1	607	-149.70	0.00	0.00	0.00	0.00	0.00
		616	149.70	0.00	0.00	0.00	0.00	0.00
2325	1	607	153.14	0.00	0.00	0.00	0.00	0.00
		617	-153.14	0.00	0.00	0.00	0.00	0.00
2326	1	599	-108.20	0.00	0.00	0.00	0.00	0.00
		608	108.20	0.00	0.00	0.00	0.00	0.00
2327	1	608	-106.13	0.00	0.00	0.00	0.00	0.00
		617	106.13	0.00	0.00	0.00	0.00	0.00
2328	1	608	110.50	0.00	0.00	0.00	0.00	0.00
		618	-110.50	0.00	0.00	0.00	0.00	0.00
2329	1	600	-65.67	0.00	0.00	0.00	0.00	0.00
		609	65.67	0.00	0.00	0.00	0.00	0.00
2330	1	609	-62.73	0.00	0.00	0.00	0.00	0.00
		618	62.73	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 316

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2331	1	609 619	67.69 -67.69	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2332	1	601 610	-23.45 23.45	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2333	1	610 619	-19.30 19.30	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2334	1	610 10	25.48 -25.48	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2335	1	593 602	21.91 -21.91	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2336	1	602 594	375.21 -375.21	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2337	1	603 595	298.00 -298.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2338	1	604 596	280.18 -280.18	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2339	1	605 597	234.39 -234.39	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2340	1	606 598	190.68 -190.68	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2341	1	607 599	147.24 -147.24	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2342	1	608 600	103.88 -103.88	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2343	1	609 601	60.74 -60.74	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2344	1	610 29	17.28 -17.28	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2345	1	566 575	36.14 -36.14	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2346	1	584 593	54.69 -54.69	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2347	1	602 611	51.84 -51.84	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2348	1	557 666	15.74 -15.74	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC. STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 317

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2349	1	575 666	30.96 -30.96	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2350	1	575 709	31.14 -31.14	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2351	1	593 709	23.18 -23.18	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2352	1	593 752	24.03 -24.03	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2353	1	611 752	-13.21 13.21	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2354	1	817 670	-38.86 38.86	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2355	1	818 670	-40.83 40.83	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2356	1	818 713	-40.38 40.38	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2357	1	819 713	-43.25 43.25	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2358	1	819 756	-42.06 42.06	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2359	1	820 756	-40.39 40.39	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2360	1	829 838	334.75 -334.75	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2361	1	821 830	-310.54 310.54	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2362	1	830 838	-293.00 293.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2363	1	830 839	298.36 -298.36	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2364	1	822 831	-279.12 279.12	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2365	1	831 839	-279.13 279.13	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2366	1	831 840	277.19 -277.19	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 318

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2367	1	823	-234.87	0.00	0.00	0.00	0.00	0.00
		832	234.87	0.00	0.00	0.00	0.00	0.00
2368	1	832	-234.60	0.00	0.00	0.00	0.00	0.00
		840	234.60	0.00	0.00	0.00	0.00	0.00
2369	1	832	232.04	0.00	0.00	0.00	0.00	0.00
		841	-232.04	0.00	0.00	0.00	0.00	0.00
2370	1	824	-191.11	0.00	0.00	0.00	0.00	0.00
		833	191.11	0.00	0.00	0.00	0.00	0.00
2371	1	833	-192.95	0.00	0.00	0.00	0.00	0.00
		841	192.95	0.00	0.00	0.00	0.00	0.00
2372	1	833	188.79	0.00	0.00	0.00	0.00	0.00
		842	-188.79	0.00	0.00	0.00	0.00	0.00
2373	1	825	-147.36	0.00	0.00	0.00	0.00	0.00
		834	147.36	0.00	0.00	0.00	0.00	0.00
2374	1	834	-151.07	0.00	0.00	0.00	0.00	0.00
		842	151.07	0.00	0.00	0.00	0.00	0.00
2375	1	834	145.61	0.00	0.00	0.00	0.00	0.00
		843	-145.61	0.00	0.00	0.00	0.00	0.00
2376	1	826	-103.79	0.00	0.00	0.00	0.00	0.00
		835	103.79	0.00	0.00	0.00	0.00	0.00
2377	1	835	-108.92	0.00	0.00	0.00	0.00	0.00
		843	108.92	0.00	0.00	0.00	0.00	0.00
2378	1	835	102.51	0.00	0.00	0.00	0.00	0.00
		844	-102.51	0.00	0.00	0.00	0.00	0.00
2379	1	827	-60.37	0.00	0.00	0.00	0.00	0.00
		836	60.37	0.00	0.00	0.00	0.00	0.00
2380	1	836	-66.61	0.00	0.00	0.00	0.00	0.00
		844	66.61	0.00	0.00	0.00	0.00	0.00
2381	1	836	59.55	0.00	0.00	0.00	0.00	0.00
		845	-59.55	0.00	0.00	0.00	0.00	0.00
2382	1	828	-17.08	0.00	0.00	0.00	0.00	0.00
		837	17.08	0.00	0.00	0.00	0.00	0.00
2383	1	837	-24.10	0.00	0.00	0.00	0.00	0.00
		845	24.10	0.00	0.00	0.00	0.00	0.00
2384	1	837	16.69	0.00	0.00	0.00	0.00	0.00
		304	-16.69	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 319

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2385	1	817	41.77	0.00	0.00	0.00	0.00	0.00
		829	-41.77	0.00	0.00	0.00	0.00	0.00
2386	1	829	357.55	0.00	0.00	0.00	0.00	0.00
		821	-357.55	0.00	0.00	0.00	0.00	0.00
2387	1	830	305.32	0.00	0.00	0.00	0.00	0.00
		822	-305.32	0.00	0.00	0.00	0.00	0.00
2388	1	831	281.19	0.00	0.00	0.00	0.00	0.00
		823	-281.19	0.00	0.00	0.00	0.00	0.00
2389	1	832	237.53	0.00	0.00	0.00	0.00	0.00
		824	-237.53	0.00	0.00	0.00	0.00	0.00
2390	1	833	195.36	0.00	0.00	0.00	0.00	0.00
		825	-195.36	0.00	0.00	0.00	0.00	0.00
2391	1	834	152.89	0.00	0.00	0.00	0.00	0.00
		826	-152.89	0.00	0.00	0.00	0.00	0.00
2392	1	835	110.25	0.00	0.00	0.00	0.00	0.00
		827	-110.25	0.00	0.00	0.00	0.00	0.00
2393	1	836	67.45	0.00	0.00	0.00	0.00	0.00
		828	-67.45	0.00	0.00	0.00	0.00	0.00
2394	1	837	24.49	0.00	0.00	0.00	0.00	0.00
		322	-24.49	0.00	0.00	0.00	0.00	0.00
2395	1	846	357.73	0.00	0.00	0.00	0.00	0.00
		855	-357.73	0.00	0.00	0.00	0.00	0.00
2396	1	838	-300.24	0.00	0.00	0.00	0.00	0.00
		847	300.24	0.00	0.00	0.00	0.00	0.00
2397	1	847	-301.44	0.00	0.00	0.00	0.00	0.00
		855	301.44	0.00	0.00	0.00	0.00	0.00
2398	1	847	299.51	0.00	0.00	0.00	0.00	0.00
		856	-299.51	0.00	0.00	0.00	0.00	0.00
2399	1	839	-281.81	0.00	0.00	0.00	0.00	0.00
		848	281.81	0.00	0.00	0.00	0.00	0.00
2400	1	848	-280.57	0.00	0.00	0.00	0.00	0.00
		856	280.57	0.00	0.00	0.00	0.00	0.00
2401	1	848	280.43	0.00	0.00	0.00	0.00	0.00
		857	-280.43	0.00	0.00	0.00	0.00	0.00
2402	1	840	-236.19	0.00	0.00	0.00	0.00	0.00
		849	236.19	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 320

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2403	1	849	-235.05	0.00	0.00	0.00	0.00	0.00
		857	235.05	0.00	0.00	0.00	0.00	0.00
2404	1	849	235.05	0.00	0.00	0.00	0.00	0.00
		858	-235.05	0.00	0.00	0.00	0.00	0.00
2405	1	841	-193.07	0.00	0.00	0.00	0.00	0.00
		850	193.07	0.00	0.00	0.00	0.00	0.00
2406	1	850	-192.12	0.00	0.00	0.00	0.00	0.00
		858	192.12	0.00	0.00	0.00	0.00	0.00
2407	1	850	192.14	0.00	0.00	0.00	0.00	0.00
		859	-192.14	0.00	0.00	0.00	0.00	0.00
2408	1	842	-149.96	0.00	0.00	0.00	0.00	0.00
		851	149.96	0.00	0.00	0.00	0.00	0.00
2409	1	851	-149.24	0.00	0.00	0.00	0.00	0.00
		859	149.24	0.00	0.00	0.00	0.00	0.00
2410	1	851	149.24	0.00	0.00	0.00	0.00	0.00
		860	-149.24	0.00	0.00	0.00	0.00	0.00
2411	1	843	-106.83	0.00	0.00	0.00	0.00	0.00
		852	106.83	0.00	0.00	0.00	0.00	0.00
2412	1	852	-106.29	0.00	0.00	0.00	0.00	0.00
		860	106.29	0.00	0.00	0.00	0.00	0.00
2413	1	852	106.29	0.00	0.00	0.00	0.00	0.00
		861	-106.29	0.00	0.00	0.00	0.00	0.00
2414	1	844	-63.74	0.00	0.00	0.00	0.00	0.00
		853	63.74	0.00	0.00	0.00	0.00	0.00
2415	1	853	-63.37	0.00	0.00	0.00	0.00	0.00
		861	63.37	0.00	0.00	0.00	0.00	0.00
2416	1	853	63.35	0.00	0.00	0.00	0.00	0.00
		862	-63.35	0.00	0.00	0.00	0.00	0.00
2417	1	845	-20.62	0.00	0.00	0.00	0.00	0.00
		854	20.62	0.00	0.00	0.00	0.00	0.00
2418	1	854	-20.44	0.00	0.00	0.00	0.00	0.00
		862	20.44	0.00	0.00	0.00	0.00	0.00
2419	1	854	20.47	0.00	0.00	0.00	0.00	0.00
		286	-20.47	0.00	0.00	0.00	0.00	0.00
2420	1	818	47.61	0.00	0.00	0.00	0.00	0.00
		846	-47.61	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 321

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2421	1	846 838	379.99 -379.99	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2422	1	847 839	302.30 -302.30	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2423	1	848 840	282.08 -282.08	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2424	1	849 841	236.30 -236.30	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2425	1	850 842	193.14 -193.14	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2426	1	851 843	150.02 -150.02	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2427	1	852 844	106.88 -106.88	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2428	1	853 845	63.78 -63.78	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2429	1	854 304	20.61 -20.61	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2430	1	863 872	354.51 -354.51	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2431	1	855 864	-299.08 299.08	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2432	1	864 872	-307.64 307.64	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2433	1	864 873	304.42 -304.42	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2434	1	856 865	-282.29 282.29	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2435	1	865 873	-278.81 278.81	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2436	1	865 874	281.08 -281.08	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2437	1	857 866	-236.87 236.87	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2438	1	866 874	-234.63 234.63	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 322

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2439	1	866 875	237.34 -237.34	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2440	1	858 867	-194.61 194.61	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2441	1	867 875	-190.83 190.83	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2442	1	867 876	195.10 -195.10	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2443	1	859 868	-152.28 152.28	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2444	1	868 876	-147.05 147.05	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2445	1	868 877	152.61 -152.61	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2446	1	860 869	-109.73 109.73	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2447	1	869 877	-103.46 103.46	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2448	1	869 878	109.95 -109.95	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2449	1	861 870	-67.05 67.05	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2450	1	870 878	-60.02 60.02	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2451	1	870 879	67.13 -67.13	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2452	1	862 871	-24.22 24.22	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2453	1	871 879	-16.75 16.75	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2454	1	871 268	24.15 -24.15	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2455	1	819 863	51.26 -51.26	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
2456	1	863 855	376.26 -376.26	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 323

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
2457	1	864	302.45	0.00	0.00	0.00	0.00	0.00
		856	-302.45	0.00	0.00	0.00	0.00	0.00
2458	1	865	280.15	0.00	0.00	0.00	0.00	0.00
		857	-280.15	0.00	0.00	0.00	0.00	0.00
2459	1	866	234.26	0.00	0.00	0.00	0.00	0.00
		858	-234.26	0.00	0.00	0.00	0.00	0.00
2460	1	867	190.42	0.00	0.00	0.00	0.00	0.00
		859	-190.42	0.00	0.00	0.00	0.00	0.00
2461	1	868	146.79	0.00	0.00	0.00	0.00	0.00
		860	-146.79	0.00	0.00	0.00	0.00	0.00
2462	1	869	103.30	0.00	0.00	0.00	0.00	0.00
		861	-103.30	0.00	0.00	0.00	0.00	0.00
2463	1	870	59.98	0.00	0.00	0.00	0.00	0.00
		862	-59.98	0.00	0.00	0.00	0.00	0.00
2464	1	871	16.83	0.00	0.00	0.00	0.00	0.00
		286	-16.83	0.00	0.00	0.00	0.00	0.00
2465	1	829	14.73	0.00	0.00	0.00	0.00	0.00
		818	-14.73	0.00	0.00	0.00	0.00	0.00
2466	1	846	34.70	0.00	0.00	0.00	0.00	0.00
		819	-34.70	0.00	0.00	0.00	0.00	0.00
2467	1	863	45.36	0.00	0.00	0.00	0.00	0.00
		820	-45.36	0.00	0.00	0.00	0.00	0.00
4000	1	11	1212.92	0.00	0.00	0.00	0.00	0.00
		12	-1212.92	0.00	0.00	0.00	0.00	0.00
4001	1	11	-83.07	0.00	0.00	0.00	0.00	0.00
		30	83.07	0.00	0.00	0.00	0.00	0.00
4002	1	12	769.24	0.00	0.00	0.00	0.00	0.00
		13	-769.24	0.00	0.00	0.00	0.00	0.00
4003	1	12	-8.53	0.00	0.00	0.00	0.00	0.00
		31	8.53	0.00	0.00	0.00	0.00	0.00
4004	1	13	355.01	0.00	0.00	0.00	0.00	0.00
		14	-355.01	0.00	0.00	0.00	0.00	0.00
4005	1	13	-0.43	0.00	0.00	0.00	0.00	0.00
		32	0.43	0.00	0.00	0.00	0.00	0.00
4006	1	14	6.76	0.00	0.00	0.00	0.00	0.00
		15	-6.76	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 324

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
4007	1	14 33	0.33 -0.33	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4008	1	15 16	-278.44 278.44	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4009	1	15 34	1.51 -1.51	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4010	1	16 17	-500.42 500.42	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4011	1	16 35	2.51 -2.51	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4012	1	17 18	-658.91 658.91	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4013	1	17 36	3.20 -3.20	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4014	1	18 19	-754.10 754.10	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4015	1	18 37	3.65 -3.65	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4016	1	19 38	3.90 -3.90	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4017	1	30 31	1213.63 -1213.63	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4018	1	30 49	-25.82 25.82	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4019	1	31 32	776.32 -776.32	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4020	1	31 50	-9.15 9.15	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4021	1	32 33	359.54 -359.54	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4022	1	32 51	-0.31 0.31	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4023	1	33 34	10.11 -10.11	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4024	1	33 52	0.37 -0.37	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 325

MEMBER END FORCES STRUCTURE TYPE = SPACE

 ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
4025	1	34	-275.65	0.00	0.00	0.00	0.00	0.00
		35	275.65	0.00	0.00	0.00	0.00	0.00
4026	1	34	1.53	0.00	0.00	0.00	0.00	0.00
		53	-1.53	0.00	0.00	0.00	0.00	0.00
4027	1	35	-497.98	0.00	0.00	0.00	0.00	0.00
		36	497.98	0.00	0.00	0.00	0.00	0.00
4028	1	35	2.49	0.00	0.00	0.00	0.00	0.00
		54	-2.49	0.00	0.00	0.00	0.00	0.00
4029	1	36	-656.77	0.00	0.00	0.00	0.00	0.00
		37	656.77	0.00	0.00	0.00	0.00	0.00
4030	1	36	3.18	0.00	0.00	0.00	0.00	0.00
		55	-3.18	0.00	0.00	0.00	0.00	0.00
4031	1	37	-752.09	0.00	0.00	0.00	0.00	0.00
		38	752.09	0.00	0.00	0.00	0.00	0.00
4032	1	37	3.67	0.00	0.00	0.00	0.00	0.00
		56	-3.67	0.00	0.00	0.00	0.00	0.00
4033	1	38	3.89	0.00	0.00	0.00	0.00	0.00
		57	-3.89	0.00	0.00	0.00	0.00	0.00
4034	1	49	1214.30	0.00	0.00	0.00	0.00	0.00
		50	-1214.30	0.00	0.00	0.00	0.00	0.00
4035	1	50	771.78	0.00	0.00	0.00	0.00	0.00
		51	-771.78	0.00	0.00	0.00	0.00	0.00
4036	1	51	356.68	0.00	0.00	0.00	0.00	0.00
		52	-356.68	0.00	0.00	0.00	0.00	0.00
4037	1	52	7.93	0.00	0.00	0.00	0.00	0.00
		53	-7.93	0.00	0.00	0.00	0.00	0.00
4038	1	53	-277.39	0.00	0.00	0.00	0.00	0.00
		54	277.39	0.00	0.00	0.00	0.00	0.00
4039	1	54	-499.33	0.00	0.00	0.00	0.00	0.00
		55	499.33	0.00	0.00	0.00	0.00	0.00
4040	1	55	-658.02	0.00	0.00	0.00	0.00	0.00
		56	658.02	0.00	0.00	0.00	0.00	0.00
4041	1	56	-753.25	0.00	0.00	0.00	0.00	0.00
		57	753.25	0.00	0.00	0.00	0.00	0.00
4042	1	269	824.71	0.00	0.00	0.00	0.00	0.00
		270	-824.71	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 326

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
4043	1	269	-23.87	0.00	0.00	0.00	0.00	0.00
		287	23.87	0.00	0.00	0.00	0.00	0.00
4044	1	270	374.49	0.00	0.00	0.00	0.00	0.00
		271	-374.49	0.00	0.00	0.00	0.00	0.00
4045	1	270	-2.49	0.00	0.00	0.00	0.00	0.00
		288	2.49	0.00	0.00	0.00	0.00	0.00
4046	1	271	-42.29	0.00	0.00	0.00	0.00	0.00
		272	42.29	0.00	0.00	0.00	0.00	0.00
4047	1	271	1.57	0.00	0.00	0.00	0.00	0.00
		289	-1.57	0.00	0.00	0.00	0.00	0.00
4048	1	272	-392.96	0.00	0.00	0.00	0.00	0.00
		273	392.96	0.00	0.00	0.00	0.00	0.00
4049	1	272	1.90	0.00	0.00	0.00	0.00	0.00
		290	-1.90	0.00	0.00	0.00	0.00	0.00
4050	1	273	-680.17	0.00	0.00	0.00	0.00	0.00
		274	680.17	0.00	0.00	0.00	0.00	0.00
4051	1	273	3.07	0.00	0.00	0.00	0.00	0.00
		291	-3.07	0.00	0.00	0.00	0.00	0.00
4052	1	274	-903.88	0.00	0.00	0.00	0.00	0.00
		275	903.88	0.00	0.00	0.00	0.00	0.00
4053	1	274	4.08	0.00	0.00	0.00	0.00	0.00
		292	-4.08	0.00	0.00	0.00	0.00	0.00
4054	1	275	-1063.60	0.00	0.00	0.00	0.00	0.00
		276	1063.60	0.00	0.00	0.00	0.00	0.00
4055	1	275	5.29	0.00	0.00	0.00	0.00	0.00
		293	-5.29	0.00	0.00	0.00	0.00	0.00
4056	1	276	-1159.65	0.00	0.00	0.00	0.00	0.00
		277	1159.65	0.00	0.00	0.00	0.00	0.00
4057	1	276	4.10	0.00	0.00	0.00	0.00	0.00
		294	-4.10	0.00	0.00	0.00	0.00	0.00
4058	1	277	5.96	0.00	0.00	0.00	0.00	0.00
		295	-5.96	0.00	0.00	0.00	0.00	0.00
4059	1	287	821.64	0.00	0.00	0.00	0.00	0.00
		288	-821.64	0.00	0.00	0.00	0.00	0.00
4060	1	287	-60.62	0.00	0.00	0.00	0.00	0.00
		305	60.62	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 327

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
4061	1	288	375.33	0.00	0.00	0.00	0.00	0.00
		289	-375.33	0.00	0.00	0.00	0.00	0.00
4062	1	288	-4.02	0.00	0.00	0.00	0.00	0.00
		306	4.02	0.00	0.00	0.00	0.00	0.00
4063	1	289	-42.32	0.00	0.00	0.00	0.00	0.00
		290	42.32	0.00	0.00	0.00	0.00	0.00
4064	1	289	1.42	0.00	0.00	0.00	0.00	0.00
		307	-1.42	0.00	0.00	0.00	0.00	0.00
4065	1	290	-392.71	0.00	0.00	0.00	0.00	0.00
		291	392.71	0.00	0.00	0.00	0.00	0.00
4066	1	290	1.87	0.00	0.00	0.00	0.00	0.00
		308	-1.87	0.00	0.00	0.00	0.00	0.00
4067	1	291	-679.64	0.00	0.00	0.00	0.00	0.00
		292	679.64	0.00	0.00	0.00	0.00	0.00
4068	1	291	3.06	0.00	0.00	0.00	0.00	0.00
		309	-3.06	0.00	0.00	0.00	0.00	0.00
4069	1	292	-903.13	0.00	0.00	0.00	0.00	0.00
		293	903.13	0.00	0.00	0.00	0.00	0.00
4070	1	292	3.99	0.00	0.00	0.00	0.00	0.00
		310	-3.99	0.00	0.00	0.00	0.00	0.00
4071	1	293	-1063.16	0.00	0.00	0.00	0.00	0.00
		294	1063.16	0.00	0.00	0.00	0.00	0.00
4072	1	293	4.89	0.00	0.00	0.00	0.00	0.00
		311	-4.89	0.00	0.00	0.00	0.00	0.00
4073	1	294	-1159.71	0.00	0.00	0.00	0.00	0.00
		295	1159.71	0.00	0.00	0.00	0.00	0.00
4074	1	294	4.73	0.00	0.00	0.00	0.00	0.00
		312	-4.73	0.00	0.00	0.00	0.00	0.00
4075	1	295	5.75	0.00	0.00	0.00	0.00	0.00
		313	-5.75	0.00	0.00	0.00	0.00	0.00
4076	1	305	814.33	0.00	0.00	0.00	0.00	0.00
		306	-814.33	0.00	0.00	0.00	0.00	0.00
4077	1	306	366.68	0.00	0.00	0.00	0.00	0.00
		307	-366.68	0.00	0.00	0.00	0.00	0.00
4078	1	307	-47.86	0.00	0.00	0.00	0.00	0.00
		308	47.86	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 328

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
4079	1	308	-396.88	0.00	0.00	0.00	0.00	0.00
		309	396.88	0.00	0.00	0.00	0.00	0.00
4080	1	309	-682.87	0.00	0.00	0.00	0.00	0.00
		310	682.87	0.00	0.00	0.00	0.00	0.00
4081	1	310	-905.70	0.00	0.00	0.00	0.00	0.00
		311	905.70	0.00	0.00	0.00	0.00	0.00
4082	1	311	-1065.69	0.00	0.00	0.00	0.00	0.00
		312	1065.69	0.00	0.00	0.00	0.00	0.00
4083	1	312	-1162.61	0.00	0.00	0.00	0.00	0.00
		313	1162.61	0.00	0.00	0.00	0.00	0.00
4084	1	305	33.88	0.00	0.00	0.00	0.00	0.00
		165	-33.88	0.00	0.00	0.00	0.00	0.00
4085	1	287	41.86	0.00	0.00	0.00	0.00	0.00
		122	-41.86	0.00	0.00	0.00	0.00	0.00
4086	1	269	24.24	0.00	0.00	0.00	0.00	0.00
		100	-24.24	0.00	0.00	0.00	0.00	0.00
4087	1	49	45.07	0.00	0.00	0.00	0.00	0.00
		161	-45.07	0.00	0.00	0.00	0.00	0.00
4088	1	30	47.80	0.00	0.00	0.00	0.00	0.00
		118	-47.80	0.00	0.00	0.00	0.00	0.00
4089	1	11	121.17	0.00	0.00	0.00	0.00	0.00
		90	-121.17	0.00	0.00	0.00	0.00	0.00
4090	1	566	1212.99	0.00	0.00	0.00	0.00	0.00
		567	-1212.99	0.00	0.00	0.00	0.00	0.00
4091	1	566	-76.22	0.00	0.00	0.00	0.00	0.00
		584	76.22	0.00	0.00	0.00	0.00	0.00
4092	1	567	769.36	0.00	0.00	0.00	0.00	0.00
		568	-769.36	0.00	0.00	0.00	0.00	0.00
4093	1	567	-8.44	0.00	0.00	0.00	0.00	0.00
		585	8.44	0.00	0.00	0.00	0.00	0.00
4094	1	568	355.18	0.00	0.00	0.00	0.00	0.00
		569	-355.18	0.00	0.00	0.00	0.00	0.00
4095	1	568	-0.41	0.00	0.00	0.00	0.00	0.00
		586	0.41	0.00	0.00	0.00	0.00	0.00
4096	1	569	7.03	0.00	0.00	0.00	0.00	0.00
		570	-7.03	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 329

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
4097	1	569	0.35	0.00	0.00	0.00	0.00	0.00
		587	-0.35	0.00	0.00	0.00	0.00	0.00
4098	1	570	-278.03	0.00	0.00	0.00	0.00	0.00
		571	278.03	0.00	0.00	0.00	0.00	0.00
4099	1	570	1.52	0.00	0.00	0.00	0.00	0.00
		588	-1.52	0.00	0.00	0.00	0.00	0.00
4100	1	571	-499.85	0.00	0.00	0.00	0.00	0.00
		572	499.85	0.00	0.00	0.00	0.00	0.00
4101	1	571	2.50	0.00	0.00	0.00	0.00	0.00
		589	-2.50	0.00	0.00	0.00	0.00	0.00
4102	1	572	-658.36	0.00	0.00	0.00	0.00	0.00
		573	658.36	0.00	0.00	0.00	0.00	0.00
4103	1	572	3.19	0.00	0.00	0.00	0.00	0.00
		590	-3.19	0.00	0.00	0.00	0.00	0.00
4104	1	573	-753.53	0.00	0.00	0.00	0.00	0.00
		574	753.53	0.00	0.00	0.00	0.00	0.00
4105	1	573	3.68	0.00	0.00	0.00	0.00	0.00
		591	-3.68	0.00	0.00	0.00	0.00	0.00
4106	1	574	3.91	0.00	0.00	0.00	0.00	0.00
		592	-3.91	0.00	0.00	0.00	0.00	0.00
4107	1	584	1212.10	0.00	0.00	0.00	0.00	0.00
		585	-1212.10	0.00	0.00	0.00	0.00	0.00
4108	1	584	-34.45	0.00	0.00	0.00	0.00	0.00
		602	34.45	0.00	0.00	0.00	0.00	0.00
4109	1	585	774.85	0.00	0.00	0.00	0.00	0.00
		586	-774.85	0.00	0.00	0.00	0.00	0.00
4110	1	585	-9.32	0.00	0.00	0.00	0.00	0.00
		603	9.32	0.00	0.00	0.00	0.00	0.00
4111	1	586	358.18	0.00	0.00	0.00	0.00	0.00
		587	-358.18	0.00	0.00	0.00	0.00	0.00
4112	1	586	-0.32	0.00	0.00	0.00	0.00	0.00
		604	0.32	0.00	0.00	0.00	0.00	0.00
4113	1	587	8.93	0.00	0.00	0.00	0.00	0.00
		588	-8.93	0.00	0.00	0.00	0.00	0.00
4114	1	587	0.38	0.00	0.00	0.00	0.00	0.00
		605	-0.38	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 330

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
4115	1	588	-276.63	0.00	0.00	0.00	0.00	0.00
		589	276.63	0.00	0.00	0.00	0.00	0.00
4116	1	588	1.54	0.00	0.00	0.00	0.00	0.00
		606	-1.54	0.00	0.00	0.00	0.00	0.00
4117	1	589	-498.72	0.00	0.00	0.00	0.00	0.00
		590	498.72	0.00	0.00	0.00	0.00	0.00
4118	1	589	2.51	0.00	0.00	0.00	0.00	0.00
		607	-2.51	0.00	0.00	0.00	0.00	0.00
4119	1	590	-657.27	0.00	0.00	0.00	0.00	0.00
		591	657.27	0.00	0.00	0.00	0.00	0.00
4120	1	590	3.20	0.00	0.00	0.00	0.00	0.00
		608	-3.20	0.00	0.00	0.00	0.00	0.00
4121	1	591	-752.34	0.00	0.00	0.00	0.00	0.00
		592	752.34	0.00	0.00	0.00	0.00	0.00
4122	1	591	3.65	0.00	0.00	0.00	0.00	0.00
		609	-3.65	0.00	0.00	0.00	0.00	0.00
4123	1	592	3.88	0.00	0.00	0.00	0.00	0.00
		610	-3.88	0.00	0.00	0.00	0.00	0.00
4124	1	602	1209.36	0.00	0.00	0.00	0.00	0.00
		603	-1209.36	0.00	0.00	0.00	0.00	0.00
4126	1	603	767.54	0.00	0.00	0.00	0.00	0.00
		604	-767.54	0.00	0.00	0.00	0.00	0.00
4128	1	604	353.06	0.00	0.00	0.00	0.00	0.00
		605	-353.06	0.00	0.00	0.00	0.00	0.00
4130	1	605	4.84	0.00	0.00	0.00	0.00	0.00
		606	-4.84	0.00	0.00	0.00	0.00	0.00
4132	1	606	-280.03	0.00	0.00	0.00	0.00	0.00
		607	280.03	0.00	0.00	0.00	0.00	0.00
4134	1	607	-501.56	0.00	0.00	0.00	0.00	0.00
		608	501.56	0.00	0.00	0.00	0.00	0.00
4136	1	608	-659.66	0.00	0.00	0.00	0.00	0.00
		609	659.66	0.00	0.00	0.00	0.00	0.00
4138	1	609	-754.37	0.00	0.00	0.00	0.00	0.00
		610	754.37	0.00	0.00	0.00	0.00	0.00
4141	1	829	791.94	0.00	0.00	0.00	0.00	0.00
		830	-791.94	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 331

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
4142	1	829	-61.18	0.00	0.00	0.00	0.00	0.00
		846	61.18	0.00	0.00	0.00	0.00	0.00
4143	1	830	346.74	0.00	0.00	0.00	0.00	0.00
		831	-346.74	0.00	0.00	0.00	0.00	0.00
4144	1	830	-3.90	0.00	0.00	0.00	0.00	0.00
		847	3.90	0.00	0.00	0.00	0.00	0.00
4145	1	831	-65.06	0.00	0.00	0.00	0.00	0.00
		832	65.06	0.00	0.00	0.00	0.00	0.00
4146	1	831	1.48	0.00	0.00	0.00	0.00	0.00
		848	-1.48	0.00	0.00	0.00	0.00	0.00
4147	1	832	-411.36	0.00	0.00	0.00	0.00	0.00
		833	411.36	0.00	0.00	0.00	0.00	0.00
4148	1	832	1.92	0.00	0.00	0.00	0.00	0.00
		849	-1.92	0.00	0.00	0.00	0.00	0.00
4149	1	833	-694.66	0.00	0.00	0.00	0.00	0.00
		834	694.66	0.00	0.00	0.00	0.00	0.00
4150	1	833	3.10	0.00	0.00	0.00	0.00	0.00
		850	-3.10	0.00	0.00	0.00	0.00	0.00
4151	1	834	-914.80	0.00	0.00	0.00	0.00	0.00
		835	914.80	0.00	0.00	0.00	0.00	0.00
4152	1	834	4.05	0.00	0.00	0.00	0.00	0.00
		851	-4.05	0.00	0.00	0.00	0.00	0.00
4153	1	835	-1071.71	0.00	0.00	0.00	0.00	0.00
		836	1071.71	0.00	0.00	0.00	0.00	0.00
4154	1	835	4.75	0.00	0.00	0.00	0.00	0.00
		852	-4.75	0.00	0.00	0.00	0.00	0.00
4155	1	836	-1165.38	0.00	0.00	0.00	0.00	0.00
		837	1165.38	0.00	0.00	0.00	0.00	0.00
4156	1	836	5.21	0.00	0.00	0.00	0.00	0.00
		853	-5.21	0.00	0.00	0.00	0.00	0.00
4157	1	837	5.47	0.00	0.00	0.00	0.00	0.00
		854	-5.47	0.00	0.00	0.00	0.00	0.00
4158	1	846	799.64	0.00	0.00	0.00	0.00	0.00
		847	-799.64	0.00	0.00	0.00	0.00	0.00
4159	1	846	-23.89	0.00	0.00	0.00	0.00	0.00
		863	23.89	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 332

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
4160	1	847	355.81	0.00	0.00	0.00	0.00	0.00
		848	-355.81	0.00	0.00	0.00	0.00	0.00
4161	1	847	-2.43	0.00	0.00	0.00	0.00	0.00
		864	2.43	0.00	0.00	0.00	0.00	0.00
4162	1	848	-59.03	0.00	0.00	0.00	0.00	0.00
		849	59.03	0.00	0.00	0.00	0.00	0.00
4163	1	848	1.63	0.00	0.00	0.00	0.00	0.00
		865	-1.63	0.00	0.00	0.00	0.00	0.00
4164	1	849	-406.64	0.00	0.00	0.00	0.00	0.00
		850	406.64	0.00	0.00	0.00	0.00	0.00
4165	1	849	1.96	0.00	0.00	0.00	0.00	0.00
		866	-1.96	0.00	0.00	0.00	0.00	0.00
4166	1	850	-690.78	0.00	0.00	0.00	0.00	0.00
		851	690.78	0.00	0.00	0.00	0.00	0.00
4167	1	850	3.12	0.00	0.00	0.00	0.00	0.00
		867	-3.12	0.00	0.00	0.00	0.00	0.00
4168	1	851	-911.49	0.00	0.00	0.00	0.00	0.00
		852	911.49	0.00	0.00	0.00	0.00	0.00
4169	1	851	4.07	0.00	0.00	0.00	0.00	0.00
		868	-4.07	0.00	0.00	0.00	0.00	0.00
4170	1	852	-1068.70	0.00	0.00	0.00	0.00	0.00
		853	1068.70	0.00	0.00	0.00	0.00	0.00
4171	1	852	4.77	0.00	0.00	0.00	0.00	0.00
		869	-4.77	0.00	0.00	0.00	0.00	0.00
4172	1	853	-1162.46	0.00	0.00	0.00	0.00	0.00
		854	1162.46	0.00	0.00	0.00	0.00	0.00
4173	1	853	5.23	0.00	0.00	0.00	0.00	0.00
		870	-5.23	0.00	0.00	0.00	0.00	0.00
4174	1	854	5.45	0.00	0.00	0.00	0.00	0.00
		871	-5.45	0.00	0.00	0.00	0.00	0.00
4175	1	863	802.84	0.00	0.00	0.00	0.00	0.00
		864	-802.84	0.00	0.00	0.00	0.00	0.00
4177	1	864	355.29	0.00	0.00	0.00	0.00	0.00
		865	-355.29	0.00	0.00	0.00	0.00	0.00
4179	1	865	-58.60	0.00	0.00	0.00	0.00	0.00
		866	58.60	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 333

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
4181	1	866	-406.41	0.00	0.00	0.00	0.00	0.00
		867	406.41	0.00	0.00	0.00	0.00	0.00
4183	1	867	-690.72	0.00	0.00	0.00	0.00	0.00
		868	690.72	0.00	0.00	0.00	0.00	0.00
4185	1	868	-911.53	0.00	0.00	0.00	0.00	0.00
		869	911.53	0.00	0.00	0.00	0.00	0.00
4187	1	869	-1068.79	0.00	0.00	0.00	0.00	0.00
		870	1068.79	0.00	0.00	0.00	0.00	0.00
4189	1	870	-1162.53	0.00	0.00	0.00	0.00	0.00
		871	1162.53	0.00	0.00	0.00	0.00	0.00
4193	1	846	61.33	0.00	0.00	0.00	0.00	0.00
		683	-61.33	0.00	0.00	0.00	0.00	0.00
4195	1	602	43.65	0.00	0.00	0.00	0.00	0.00
		722	-43.65	0.00	0.00	0.00	0.00	0.00
4196	1	584	39.94	0.00	0.00	0.00	0.00	0.00
		679	-39.94	0.00	0.00	0.00	0.00	0.00
4206	1	871	-1192.75	0.00	0.00	0.00	0.00	0.00
		277	1192.75	0.00	0.00	0.00	0.00	0.00
4207	1	854	-1192.75	0.00	0.00	0.00	0.00	0.00
		295	1192.75	0.00	0.00	0.00	0.00	0.00
4208	1	837	-1195.75	0.00	0.00	0.00	0.00	0.00
		313	1195.75	0.00	0.00	0.00	0.00	0.00
4209	1	669	113.28	0.00	0.00	0.00	0.00	0.00
		829	-113.28	0.00	0.00	0.00	0.00	0.00
4210	1	829	29.00	0.00	0.00	0.00	0.00	0.00
		683	-29.00	0.00	0.00	0.00	0.00	0.00
4211	1	846	98.36	0.00	0.00	0.00	0.00	0.00
		712	-98.36	0.00	0.00	0.00	0.00	0.00
4212	1	863	91.62	0.00	0.00	0.00	0.00	0.00
		755	-91.62	0.00	0.00	0.00	0.00	0.00
4213	1	846	36.14	0.00	0.00	0.00	0.00	0.00
		726	-36.14	0.00	0.00	0.00	0.00	0.00
4214	1	726	71.57	0.00	0.00	0.00	0.00	0.00
		863	-71.57	0.00	0.00	0.00	0.00	0.00
4215	1	863	19.01	0.00	0.00	0.00	0.00	0.00
		769	-19.01	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 334

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
4216	1	305 194	120.04 -120.04	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4217	1	165 287	65.37 -65.37	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4218	1	287 151	105.35 -105.35	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4219	1	122 269	75.67 -75.67	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4220	1	269 108	99.31 -99.31	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4231	1	574 57	-785.08 785.08	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4232	1	592 38	-783.92 783.92	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4233	1	610 19	-785.91 785.91	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4234	1	665 566	235.43 -235.43	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4235	1	566 679	220.00 -220.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4236	1	708 584	222.77 -222.77	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4237	1	584 722	249.22 -249.22	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4238	1	751 602	256.30 -256.30	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4239	1	602 765	224.50 -224.50	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4240	1	49 190	220.49 -220.49	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4241	1	161 30	241.30 -241.30	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4242	1	30 147	223.93 -223.93	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4243	1	118 11	218.29 -218.29	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

Monday, March 13, 2017, 10:41 PM

SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 335

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
4244	1	11	258.72	0.00	0.00	0.00	0.00	0.00
		104	-258.72	0.00	0.00	0.00	0.00	0.00
4512	1	937	47.00	0.00	0.00	0.00	0.00	0.00
		1204	-47.00	0.00	0.00	0.00	0.00	0.00
4513	1	546	46.12	0.00	0.00	0.00	0.00	0.00
		1204	-46.12	0.00	0.00	0.00	0.00	0.00
4514	1	940	31.81	0.00	0.00	0.00	0.00	0.00
		1205	-31.81	0.00	0.00	0.00	0.00	0.00
4515	1	474	43.94	0.00	0.00	0.00	0.00	0.00
		1206	-43.94	0.00	0.00	0.00	0.00	0.00
4516	1	1019	49.61	0.00	0.00	0.00	0.00	0.00
		1207	-49.61	0.00	0.00	0.00	0.00	0.00
4517	1	402	56.84	0.00	0.00	0.00	0.00	0.00
		1208	-56.84	0.00	0.00	0.00	0.00	0.00
4518	1	1089	59.82	0.00	0.00	0.00	0.00	0.00
		1209	-59.82	0.00	0.00	0.00	0.00	0.00
4519	1	510	33.26	0.00	0.00	0.00	0.00	0.00
		1205	-33.26	0.00	0.00	0.00	0.00	0.00
4520	1	984	41.85	0.00	0.00	0.00	0.00	0.00
		1206	-41.85	0.00	0.00	0.00	0.00	0.00
4521	1	438	51.51	0.00	0.00	0.00	0.00	0.00
		1207	-51.51	0.00	0.00	0.00	0.00	0.00
4522	1	1054	55.76	0.00	0.00	0.00	0.00	0.00
		1208	-55.76	0.00	0.00	0.00	0.00	0.00
4523	1	360	59.27	0.00	0.00	0.00	0.00	0.00
		1209	-59.27	0.00	0.00	0.00	0.00	0.00
4524	1	1204	57.63	0.00	0.00	0.00	0.00	0.00
		940	-57.63	0.00	0.00	0.00	0.00	0.00
4525	1	1204	58.52	0.00	0.00	0.00	0.00	0.00
		510	-58.52	0.00	0.00	0.00	0.00	0.00
4526	1	1205	59.52	0.00	0.00	0.00	0.00	0.00
		474	-59.52	0.00	0.00	0.00	0.00	0.00
4527	1	1205	60.96	0.00	0.00	0.00	0.00	0.00
		984	-60.96	0.00	0.00	0.00	0.00	0.00
4528	1	1206	62.53	0.00	0.00	0.00	0.00	0.00
		1019	-62.53	0.00	0.00	0.00	0.00	0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 336

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
4529	1	1206 438	60.45 -60.45	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4530	1	1207 402	61.26 -61.26	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4531	1	1207 1054	63.16 -63.16	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4532	1	1208 1089	61.93 -61.93	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4533	1	1208 360	60.85 -60.85	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4534	1	1209 358	15.27 -15.27	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4535	1	1209 1124	14.72 -14.72	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4536	1	1204 1205	-2.25 2.25	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4537	1	1205 1206	-5.94 5.94	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4538	1	1206 1207	-7.60 7.60	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4539	1	1207 1208	-8.11 8.11	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4540	1	1208 1209	-7.95 7.95	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4541	1	556 1204	-0.74 0.74	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4542	1	1204 520	0.74 -0.74	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4543	1	520 1205	3.92 -3.92	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4544	1	1205 484	-3.93 3.93	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4545	1	484 1206	5.20 -5.20	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4546	1	1206 448	-5.21 5.21	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 337

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
4547	1	448 1207	4.95 -4.95	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4548	1	1207 412	-4.95 4.95	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4549	1	412 1208	3.31 -3.31	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4550	1	1208 376	-3.31 3.31	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4551	1	376 1209	0.00 -0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4600	1	492 251	90.51 -90.51	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4601	1	456 242	94.07 -94.07	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4602	1	420 239	97.85 -97.85	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4603	1	384 230	104.15 -104.15	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4604	1	333 227	111.44 -111.44	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4605	1	1071 812	94.87 -94.87	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4606	1	1036 803	87.80 -87.80	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4607	1	1001 800	80.68 -80.68	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4608	1	966 791	74.01 -74.01	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4609	1	904 788	65.53 -65.53	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4610	1	901 785	26.87 -26.87	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4611	1	193 305	775.13 -775.13	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4612	1	305 164	282.97 -282.97	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC.

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 338

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
4613	1	150 287	681.37 -681.37	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4614	1	287 121	241.05 -241.05	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4615	1	107 269	628.55 -628.55	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4616	1	189 49	1076.01 -1076.01	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4617	1	49 146	222.84 -222.84	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4618	1	146 30	1090.74 -1090.74	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4619	1	30 103	262.05 -262.05	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4620	1	103 11	1175.38 -1175.38	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4621	1	754 863	624.92 -624.92	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4622	1	863 725	266.47 -266.47	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4623	1	711 846	678.75 -678.75	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4624	1	846 682	257.73 -257.73	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4625	1	668 829	771.12 -771.12	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4626	1	750 602	1079.99 -1079.99	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4627	1	602 707	205.33 -205.33	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4628	1	707 584	1094.49 -1094.49	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4629	1	584 664	255.40 -255.40	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4630	1	664 566	1186.40 -1186.40	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

IBI, INC. **STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF**

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

-- PAGE NO. 339

MEMBER END FORCES STRUCTURE TYPE = SPACE

ALL UNITS ARE -- POUN INCH (LOCAL)

MEMBER	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
4631	1	725 846	234.66 -234.66	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4632	1	829 682	277.39 -277.39	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4633	1	863 768	298.56 -298.56	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4634	1	287 164	259.25 -259.25	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4635	1	121 269	267.51 -267.51	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
4636	1	269 99	303.73 -303.73	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
5676	1	829 661	123.54 -123.54	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
5677	1	208 305	129.74 -129.74	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
5678	1	566 651	136.67 -136.67	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
5679	1	204 49	267.02 -267.02	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
6641	1	367 324	-0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
6642	1	1101 1129	-0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00

***** END OF LATEST ANALYSIS RESULT *****

- 1475. PLOT DISPLACEMENT FILE
- 1476. PLOT SECTION FILE
- 1477. PLOT BENDING FILE
- 1478. PLOT STRESS FILE

STRUCTURAL ANALYSIS REPORT-BUILDING 2STY W/HIP ROOF

IBI, INC.

4/3/2017

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SMALL BUILDING TWO STY; 22 X 40

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1479. FINISH

***** END OF THE STAAD.Pro RUN *****

**** DATE= MAR 13,2017 TIME= 21:20:47 ****

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