

DATE 02/16/2007

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000025537

APPLICANT DONALD STRINGFELLOW PHONE 752-1463
ADDRESS 233 SW AIRPARK GLEN LAKE CITY FL 32025
OWNER DONALD STRINGFELLOW PHONE 752-1463
ADDRESS 233 SW AIRPARK GLEN LAKE CITY FL 32025
CONTRACTOR OWNER BUILDER PHONE
LOCATION OF PROPERTY 90W, TL ON SISTERS WELCOME RD, TL ON AIRPARK GLEN,
1ST HOUSE ON LEFT

TYPE DEVELOPMENT SUNROOM ESTIMATED COST OF CONSTRUCTION 40000.00
HEATED FLOOR AREA 65.00 TOTAL AREA 65.00 HEIGHT 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING RSF-2 MAX. HEIGHT 16
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 12-4S-16-02947-026 SUBDIVISION CANNON CREEK AIRPARK
LOT 25/26 BLOCK PHASE UNIT TOTAL ACRES

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 07-0094-M BK JH N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD

Check # or Cash 2012

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by
Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by
Framing date/app. by Rough-in plumbing above slab and below wood floor date/app. by
Electrical rough-in date/app. by Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by
M/H tie downs, blocking, electricity and plumbing date/app. by Pool date/app. by
Reconnection date/app. by Pump pole date/app. by Utility Pole date/app. by
M/H Pole date/app. by Travel Trailer date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 200.00 CERTIFICATION FEE \$ 0.33 SURCHARGE FEE \$ 0.33
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ CULVERT FEE \$ TOTAL FEE 250.66
INSPECTORS OFFICE CLERKS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

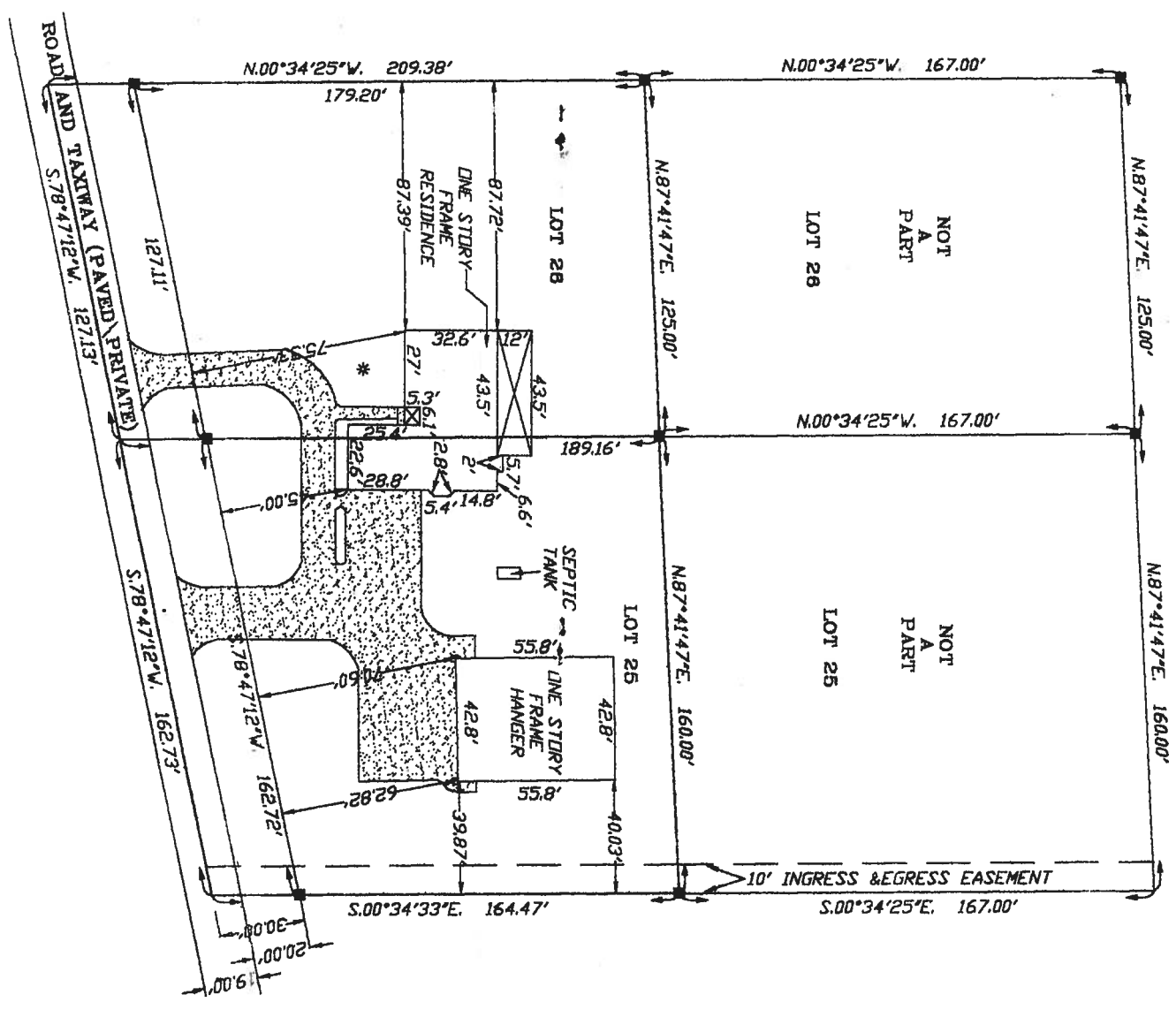
"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

BOUNDARY SURVEY IN SECTION 12, TOWNSHIP 4 SOUTH,
RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA.



SCALE: 1" = 60'

SYMBOL LEGEND

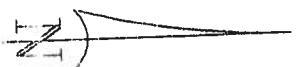
- 4"x4" CONCRETE MONUMENT FOUND
- 4"x4" CONCRETE MONUMENT SET
- IRON PIPE FOUND
- IRON PIN AND CAP SET
- ⊕ POWER POLE
- ▲ WATER METER
- ⊕ CENTERLINE
- * WELL
- ⊙ SATELLITE DISH
- ⊙ TELEPHONE BOX
- E- ELECTRIC LINES
- X- WIRE FENCE
- + CHAIN LINK FENCE
- + WOODEN FENCE

DESCRIPTION:
LOTS 25 AND 26 OF CANADIAN CREEK AIRPARK, A SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 5, PAGE 38 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA, LESS AND EXCEPT THE NORTH 16.7 FEET THEREOF, AND SUBJECT TO AN EASEMENT OVER AND ACROSS THE SOUTH 30 FEET AND THE EAST 10 FEET THEREOF, TOGETHER WITH THE RIGHTS OF INGRESS AND EGRESS OVER AND ACROSS THE EAST 10 FEET OF LOT 25 AND THE WEST 50 FEET OF LOT 24, COLUMBIA COUNTY, FLORIDA.

- SURVEYOR'S NOTES:
1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF THE ORIGINAL SURVEY FOR SAID PLAT OF RECORD.
 2. BEARINGS ARE BASED ON SAID PLAT OF RECORD.
 3. THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD RATE MAP, DATED 6 JANUARY, 1988 COMMUNITY PANEL NUMBER 120070 0175 B. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE SUBJECT TO CHANGE.
 4. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED ON THIS SURVEY EXCEPT AS SHOWN HEREIN.
 6. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE POLICY.

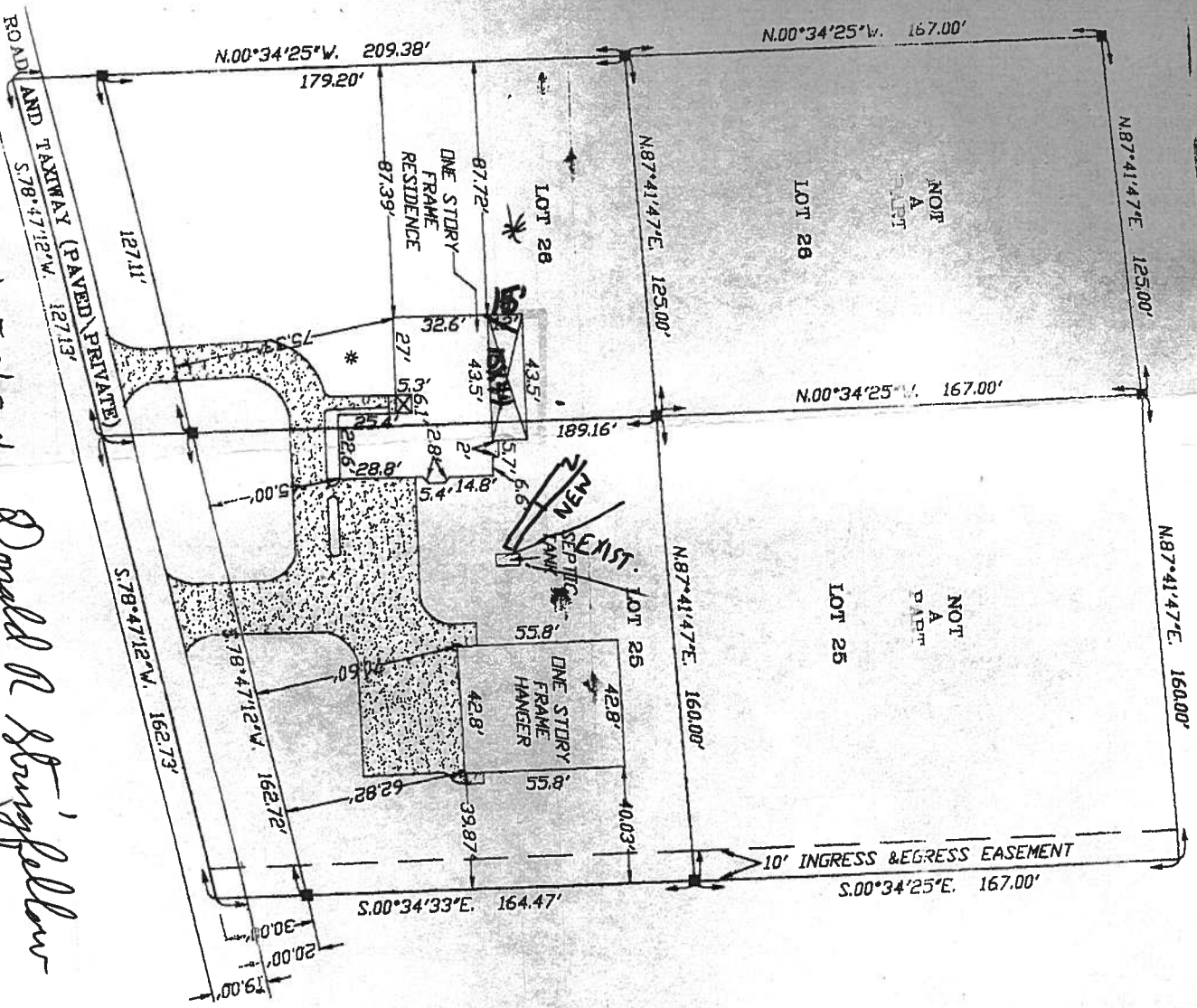
- SYMBOL LEGEND
- 4"x4" CONCRETE MONUMENT FOUND
 - 4"x4" CONCRETE MONUMENT SET
 - IRON PIPE FOUND
 - IRON PIN AND CAP SET
 - POWER POLE
 - WATER METER
 - CENTERLINE
 - WELL
 - SATELLITE DISH
 - TELEPHONE BOX
 - ELECTRIC LINES
 - WIRE FENCE
 - CHAIN LINK FENCE
 - WOODEN FENCE

SCALE: 1" = 60'



DESCRIPTION
LOTS 25 AND 26 OF CANNON CREEK AIRPARK, A SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 5, PAGE 38 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA, LESS AND EXCEPT THE NORTH 167 FEET THEREOF, AND SUBJECT TO AN EASEMENT OVER AND ACROSS THE SOUTH 30 FEET AND THE EAST 10 FEET THEREOF, TOGETHER WITH THE RIGHTS OF INGRESS AND EGRESS OVER AND ACROSS THE EAST 10 FEET OF LOT 25 AND THE WEST 50 FEET OF LOT 24, COLUMBIA COUNTY, FLORIDA.

SURVEYOR'S NOTES:
1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE REPLACEMENT OF THE ORIGINAL SURVEY FOR SAID PLAT OF RECORD.
2. BEARINGS ARE BASED ON SAID PLAT OF RECORD.
3. THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD RATE MAP, DATED 6 JANUARY, 1988 COMMUNITY PANEL NUMBER 120070 0175 B. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE SUBJECT TO CHANGE. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
4. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
5. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE POLICY.



Enclosed
Donald R. Humphreys
02-01-07

Called 2 times 1/23/07

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0612-72 Date Received 12/27 By GP Permit # 25537
Application Approved by - Zoning Official BKK Date 05.01.07 Plans Examiner OKJTH Date 1-23-06
Flood Zone X Survey Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low-Dens.
Comments GP, 05/01/07

Applicants Name DONALD R. STRINGFELLOW Phone 752-1463
Address 233 SW AIRPARK GLEN L.C. 32025
Owners Name SAME AS ABOVE Phone 752-1463
911 Address 233 SW AIRPARK GLEN
Contractors Name SELF Phone _____
Address SAME AS ABOVE
Fee Simple Owner Name & Address DONALD R. STRINGFELLOW & MARY STRINGFELLOW
Bonding Co. Name & Address NONE
Architect/Engineer Name & Address GTC DESIGN GROUP, GARY GILL, P.E. P.O. Box 187 Live Oak, FL.
Mortgage Lenders Name & Address NONE
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 12-4S-16-02947-026 Estimated Cost of Construction 40,000
Subdivision Name CANNON CREEK AIRPARK Lot 25 Block _____ Unit _____ Phase _____
Driving Directions SISTERS WELCOME ROAD, EAST ON AIRPARK GLEN, 1ST HOUSE ON LEFT, RED SHUTTERS, GREY ROOF

Type of Construction SUNROOM Number of Existing Dwellings on Property 2
Total Acreage 1 AC Lot Size 285 x 185 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 137.93' Side 87.72' Side 153.78' Rear 66.23'
Total Building Height 16' Number of Stories 1 Heated Floor Area 651 Roof Pitch 12/6 & 12/3
TOTAL 651

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Donald R. Stringfellow
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 4 day of December 2006.
Personally known X or Produced Identification _____

Contractor Signature _____
Contractors License Number _____
Competency Card Number _____
NOTARY STAMP/SEAL

Donna L. Pieper
Notary Signature



NOTORIZED DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THEIR OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$75,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

- ☐ Single Family Dwelling
☐ Farm Outbuilding

- ☐ Two-Family Residence
☒ Other _____

NEW CONSTRUCTION OR IMPROVEMENT

- ☐ New Construction

- ☐ Addition, Alteration, Modification or other Improvement

I _____, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number _____

Donald R. Homfeller 12-27-06
Owner Builder Signature Date

The above signer is personally known to me or produced identification PL

Notary Signature Gale Tedder Date 12/27/06



(Stamp / Seal)

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date _____ Building Official/Representative _____

FILE COPY

NOTICE OF AD VALOREM TAXES AND NON-AD VALOREM ASSESSMENTS

ACCOUNT NUMBER	ESCROW CD	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE	MILLAGE CODE
17-026		149,596	25,000	124,596	002

0008457 01 AV 0.278 **AUTO T7 0 0810 32025-123

STRINGFELLOW DONALD R &
MARY ELLEN HODSON STRINGFELLOW
233 SW AIRPARK GLN
LAKE CITY FL 32025-1614

SEE INSERT FOR IMPORTANT INFO
AND TELEPHONE NUMBERS
WWW.COLUMBIATAXCOLLECTOR.COM

12-4S+16 0100/0100 1.23 Acres
 LOTS 25 & 26 EX N 167 FT
 CANNON CREEK AIR PARK S/D.
 ORB 644-335, 685-195, 702-619,
 896-063.

NG AUTHORITY	MILLAGE RATE (DOLLARS PER \$1,000 OF TAXABLE VALUE)	TAXES LEVIED
BOARD OF COUNTY COMMISSIONERS	8.7260	1,087.22
COLUMBIA COUNTY SCHOOL BOARD		
DISCRETIONARY		
LOCAL	.7600	94.69
CAPITAL OUTLAY	5.1950	647.28
SUWANNEE RIVER WATER MGT DIST	2.0000	249.19
SHANDS AT LAKE SHORE	.4914	61.23
INDUSTRIAL DEVELOPEMENT AUTH	1.7500	218.04
	.1380	17.19

TOTAL MILLAGE	19.0604	AD VALOREM TAXES	\$2,374.84
---------------	---------	------------------	------------

NON-AD VALOREM ASSESSMENTS	
RG AUTHORITY	AMOUNT
R FIRE ASSESSMENTS	71.00
R SOLID WASTE - ANNUAL	147.00

1/23/06
1304

ONLY ONE AMOUNT IN YELLOW SHADED AREA		NON-AD VALOREM ASSESSMENTS
UNBILLED TAXES AND ACCOUNTS RECEIVABLE		\$218.00

BIBLICAL TAXES AND ASSESSMENTS		\$2,592.84	PAY ONLY ONE AMOUNT	See reverse side for important information.
--------------------------------	--	------------	---------------------	---

PAID BY ASE PAY	Nov 30	Dec 31	Jan 31	Feb 28	Mar 31
	2,489.13	2,515.05	2,540.98	2,566.91	2,592.84

IF PAID BY

FILE COPY

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name:	Stringfellow Residence	Builder:	<i>Owner 60</i>
Address:		Permitting Office:	<i>Columbia</i>
City, State:		Permit Number:	<i>25537</i>
Owner:	Don Stringfellow	Jurisdiction Number:	<i>221000</i>
Climate Zone:	North		

1. New construction or existing	Addition	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 12.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 15.00
4. Number of Bedrooms		b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	651 ft²	13. Heating systems	
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		a. Electric Heat Pump	Cap: 12.0 kBtu/hr
a. U-factor:	Description Area		HSPF: 9.00
(or Single or Double DEFAULT) 7a. (Dble Default) 220.0 ft²		b. N/A	
b. SHGC:		c. N/A	
(or Clear or Tint DEFAULT) 7b. (SHGC=0.5) 220.0 ft²		14. Hot water systems	
8. Floor types		a. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 117.0(p) ft	b. N/A	
b. N/A		c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
9. Wall types		DHP-Dedicated heat pump)	
a. Frame, Steel, Exterior	R=13.0, 628.0 ft²	15. HVAC credits	MZ-C, PT, CF, MZ-
b. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
c. N/A		HF-Whole house fan,	
d. N/A		PT-Programmable Thermostat,	
e. N/A		MZ-C-Multizone cooling,	
10. Ceiling types		MZ-H-Multizone heating)	
a. Under Attic	R=30.0, 688.0 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 112.0 ft		
b. N/A			

Glass/Floor Area: 0.34

Total as-built points: 7070

Total base points: 7160

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: *GAD Gil*DATE: *12/1/01*

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: _____

DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

BUILDING OFFICIAL: _____

DATE: _____



¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

FILE COPY

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC Overhang Ornt Len Hgt Area X SPM X SOF = Points							
.18	651.0	20.04	2348.3	Double, SHGC=0.5	W	2.0	7.0	154.0	27.49	0.89	3753.4
				Double, SHGC=0.5	S	2.0	7.0	22.0	25.49	0.82	460.0
				Double, SHGC=0.5	N	2.0	7.0	44.0	12.86	0.92	521.7
				As-Built Total: 220.0 4735.1							
WALL TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points							
Adjacent	0.0	0.00	0.0	Frame, Steel, Exterior	13.0			628.0	2.50	1570.0	
Exterior	628.0	1.70	1067.6								
Base Total: 628.0 1067.6				As-Built Total: 628.0 1570.0							
DOOR TYPES Area X BSPM = Points				Type Area X SPM = Points							
Adjacent	0.0	0.00	0.0	Exterior Insulated	84.0			4.10	344.4		
Exterior	84.0	4.10	344.4								
Base Total: 84.0 344.4				As-Built Total: 84.0 344.4							
CEILING TYPES Area X BSPM = Points				Type R-Value Area X SPM X SCM = Points							
Under Attic	651.0	1.73	1126.2	Under Attic	30.0			688.0	1.73 X 1.00		1190.2
Base Total: 651.0 1126.2				As-Built Total: 688.0 1190.2							
FLOOR TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points							
Slab	117.0(p)	-37.0	-4329.0	Slab-On-Grade Edge Insulation	0.0			117.0(p)	-41.20		-4820.4
Raised	0.0	0.00	0.0								
Base Total: -4329.0				As-Built Total: 117.0 -4820.4							
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
651.0 10.21 6646.7				651.0 10.21 6646.7							

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT									
Summer Base Points: 7204.2				Summer As-Built Points: 9666.0									
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component (System - Points)	X	Cap Ratio (DM x DSM x AHU)	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier	= Cooling Points
7204.2		0.4266	3073.3	(sys 1: Central Unit 12000 btuh ,SEER/EFF(15.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS) 9666 1.00 (1.09 x 1.147 x 0.91) 0.228 0.857 2145.3 9666.0 1.00 1.138 0.228 0.857 2145.3									

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X WPM X WOF = Points			
.18	651.0	12.74	1492.9	Double, SHGC=0.5	W	2.0	7.0	154.0	22.80	1.03	3620.8
				Double, SHGC=0.5	S	2.0	7.0	22.0	17.05	1.17	439.3
				Double, SHGC=0.5	N	2.0	7.0	44.0	25.73	1.00	1136.1
				As-Built Total:			220.0			5196.2	
WALL TYPES		Area X BWPM = Points		Type	R-Value			Area X WPM		= Points	
Adjacent	0.0	0.00	0.0	Frame, Steel, Exterior	13.0			628.0	5.20	3265.6	
Exterior	628.0	3.70	2323.6								
Base Total:		628.0	2323.6	As-Built Total:			628.0			3265.6	
DOOR TYPES		Area X BWPM = Points		Type				Area X WPM		= Points	
Adjacent	0.0	0.00	0.0	Exterior Insulated				84.0	8.40	705.6	
Exterior	84.0	8.40	705.6								
Base Total:		84.0	705.6	As-Built Total:			84.0			705.6	
CEILING TYPES		Area X BWPM = Points		Type	R-Value			Area X WPM X WCM		= Points	
Under Attic	651.0	2.05	1334.5	Under Attic	30.0			688.0	2.05 X 1.00	1410.4	
Base Total:		651.0	1334.5	As-Built Total:			688.0			1410.4	
FLOOR TYPES		Area X BWPM = Points		Type	R-Value			Area X WPM		= Points	
Slab	117.0(p)	8.9	1041.3	Slab-On-Grade Edge Insulation	0.0			117.0(p)	18.80	2199.6	
Raised	0.0	0.00	0.0								
Base Total:			1041.3	As-Built Total:			117.0			2199.6	
INFILTRATION		Area X BWPM = Points					Area X WPM		= Points		
		651.0	-0.59				651.0		-0.59		
			-384.1						-384.1		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Winter Base Points:		6513.8		Winter As-Built Points:			12393.3			
Total Winter Points	X System Multiplier	=	Heating Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Heating Points
6513.8	0.6274		4086.8	(sys 1: Electric Heat Pump 12000 btuh ,EFF(9.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0 12393.3 1.000 (1.069 x 1.169 x 0.93) 0.379 0.902 4925.2						
				12393.3	1.00	1.162	0.379	0.902		4925.2

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE					AS-BUILT						
WATER HEATING											
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X	Credit = Total Multiplier
0		2635.00		0.0			0		1.00	2635.00	1.00 7905.0
					As-Built Total:						
					0.0						

CODE COMPLIANCE STATUS

BASE							AS-BUILT						
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
3073		4087		0		7160	2145		4925		0		7070

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked circ breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

DON + MARY STRINGFELLOW
233 SW AIRPARK GLEN

PLAN for Remodeling of existing Porch on North
side of Residence:

Steel construction

Brick + Shingles to match existing house

Windows will be Grey tint

Footprint will be same as existing Porch

approved 8-1-06

Kathy M Wilson

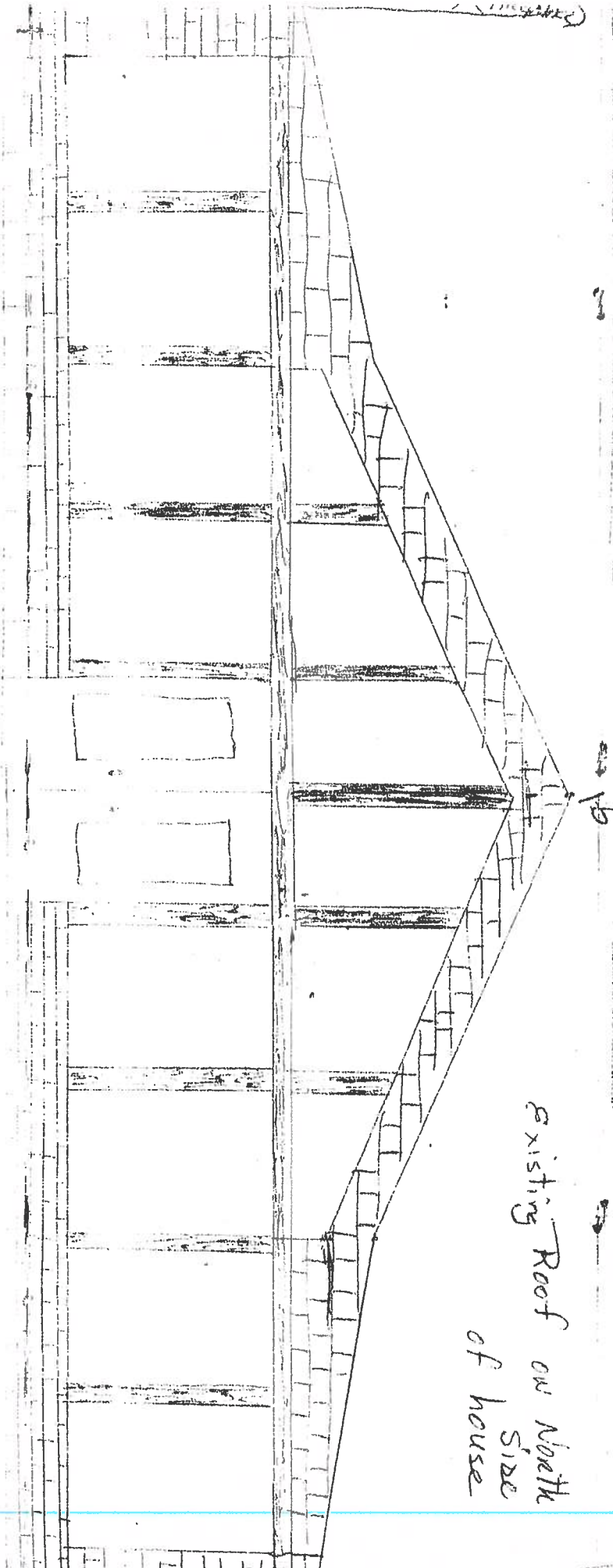


2 April 2006

Approved
5-1-06
Kathy M Wilson

22 June 2006

Existing Roof on North
Side
of house





STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-00094M

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.

See Attached

Notes: _____

Site Plan submitted by: Donald R Stringfellow OWNER
Signature Title

Plan Approved ☒ Not Approved _____ Date 2-13-07

By Salhi Yaddy ESII **Columbia CHD** County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

THIS DOCUMENT MUST BE RECORDED AT THE COUNTY
CLERKS OFFICE BEFORE YOUR FIRST INSPECTION

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Tax Parcel ID Number 12-45-16-0297-026

Permit Number 25537

1. Description of property: (legal description of the property and street address or 911 address)

233 SW Airpark Glen, Lake City, FL 32025
South half of lot 25+26 of Cannon Creek Airpark
Plat book 5, PAGE 38

2. General description of improvement: SUN ROOM ADDITION

3. Owner Name & Address DONALD R. STRINGFELLOW

233 S.W. Airpark Glen Lake City FL Interest in Property OWNER

4. Name & Address of Fee Simple Owner (if other than owner):

5. Contractor Name ~~SEB~~ DONALD STRINGFELLOW Phone Number 386-752-1463

Address 233 SW Airpark Glen Lake City FL 32025

6. Surety Holders Name _____ Phone Number _____

Address _____

Amount of Bond _____ Inst: 2007003889 Date: 02/16/2007 Time: 10:29

7. Lender Name S.F. DC, P. Dewitt Cason, Columbia County B:1111 P:50

Address _____

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:

Name ~~N/A~~ N/A Phone Number _____

Address _____

9. In addition to himself/herself the owner designates _____ of

_____ to receive a copy of the Lien Notice as provided in Section 713.13 (1) -

(a) 7. Phone Number of the designee _____

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) _____

THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN IN HIS/HER STEAD.

Donald A Stringfellow
Signature of Owner

Sworn to (or affirmed) and subscribed before day of 16th

February

Gale Tedder

NOTARY STAMP/SEAL

Signature of Notary



PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	<i>Masonite</i>		
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG			
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	X		
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

Donald A. Stappell
APPLICANT SIGNATURE

12-27-06
DATE



04-17-06 12:06:55

FILE COPY

Alpine Engineered Products, Inc.

13389 Lakefront Drive Earth City, MO 63045 (314) 344-9121

Page 1 of 1 Document ID:1T2Z7417Z0514161255

Truss Fabricator: Advantage Steel Truss
Transmitted From: advantagesteel@bizsea.rr.com
Job Identification: StrngRes-Stringfellow Residence -- Columbia County, Fl.
Model Code: Florida Building Code 2004
Truss Criteria: AISI/FBC
Engineering Software: Alpine proprietary truss analysis software. Version 7.25.
Truss Design Loads: Roof - 50 PSF
Floor - N/A
Wind - 100 MPH (ASCE 7-98-Closed)

Notes:

Seal Date: 12/14/2006

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in AISI/COFS/TRUSS 2001 Chapter B.
2. As shown on attached drawings; the drawing number is preceded by: M0USR7417

Scott L. Schurwan

Details: TS016-TS016-TS001-TS015-TS016-TS017-TS022-TS025-TS029-TS031-TS040-TS004-TS026-

Submitted by KMB 15:36:34 12-14-2006 Reviewer: DW

\$

#	Ref	Description	Drawing#	Date
1	11535--A1	43'5" Common	06342021	12/08/06
2	11536--A2	43'5" Common	06342022	12/08/06
3	11537-V1	35'4"1 Valley	06342023	12/08/06
4	11538-V2	27'10"1 Valle	06342024	12/08/06
5	11539-v3	21'0"1 Valley	06342025	12/08/06
6	11540-V4	17'0"1 Valley	06342026	12/08/06
7	11541-V5	13'0"1 Valley	06342027	12/08/06
8	11542--V6	9'0"1 Valley	06342028	12/08/06
9	11543--V7	5'0"1 Valley	06342029	12/08/06

FILE COPY

(C) 43TS8UC.0 19ga. Bent-U connector required. Square indicates min. fastener qty. thru connector overlap. See drawing TS016 for peak connector detail.

(C) 43T8BUC5.0 16ga. Bent-U connector required. Square indicates min. fastener qty. thru connector overlap. See drawing TS016 for peak connector detail.

(B) 54T5BUC5.0 16ga. Bent-U connector required. Square indicates min. fastener qty. thru connector overlap. See drawing TS016 for peak connector detail.

(A) 54T5SPC5.0 16ga. Straight U connector required. Square indicates min. fastener

Member design & wind reactions based on MIFRS and C&C.

Roof overhang supports 2.00 psf soffit load.

IN LIEU OF STRUCTURAL PANELS OR RIGID CEILING USE PURLINS:

BC	69	0.00	10.50
BC	69	0.00	10.50

Group	Mean	SD	95% CI
BC	33.24	43.42	
67	40.30	33.47	


$$\text{Scale} = .1667"/\text{Ft.}$$

T R U S S T E E L

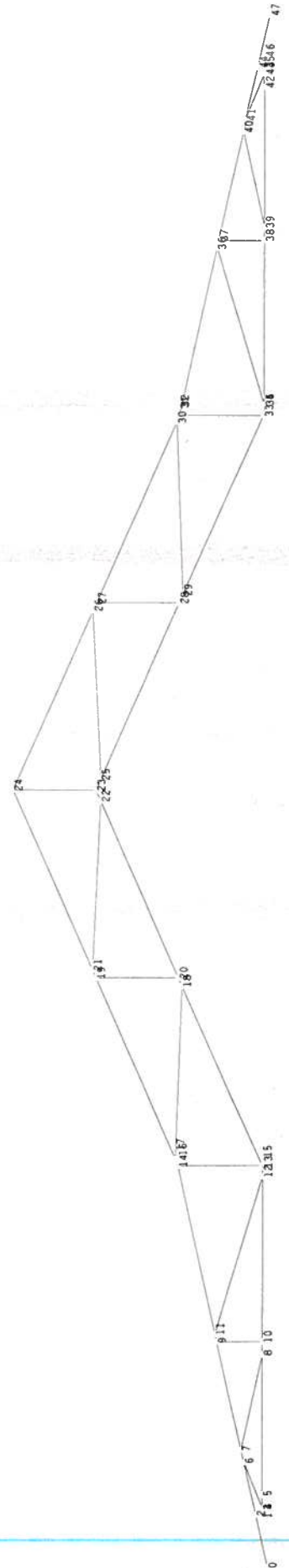
TC LL	20.0 PSF	REF R7417- 11535
TC DL	10.0 PSF	DATE 12/08/06
BC DL	10.0 PSF	DRW M0USR7417 06342021
BC LL	10.0 PSF	MO-ENG DW/KMB
TOT. LD.	50.0 PSF	SEON- 8139
SPACING	24.0"	FROM CVB
		JREF - 1T2Z7417Z05

11 PLF @ 14.8 to 11 @ 21.7 [y=21.7] [0%]
 11 PLF @ 21.7 to 11 @ 26.1 [y=21.7] [0%]
 11 PLF @ 26.1 to 11 @ 32.9 [y=21.7] [0%]
 10 PLF @ 32.9 to 10 @ 37.3 [y=21.7] [0%]
 10 PLF @ 37.3 to 10 @ 44.9 [y=21.7] [0%]
 10 PLF @ 0.0 to 10 @ 10.5 [y= 4.8] [0%]
 11 PLF @ 10.5 to 11 @ 21.7 [y= 4.8] [0%]
 11 PLF @ 21.7 to 11 @ 32.9 [y= 4.8] [0%]
 10 PLF @ 32.9 to 10 @ 43.4 [y= 4.8] [0%]

[C&C ASCE Wind Rt-+][OC 24.00][ASI 1.00][RM 1]
 -48 PLF @ 17.4 to -48 @ 21.7 L [y=18.7] [100%]
 -48 PLF @ 10.5 to -48 @ 17.4 L [y=16.5] [100%]
 -48 PLF @ 21.7 to -48 @ 28.6 R [y=15.3] [100%]
 -48 PLF @ 6.2 to -48 @ 10.5 L [y=13.1] [100%]
 -48 PLF @ 28.6 to -48 @ 32.9 R [y=13.1] [100%]
 -48 PLF @ -1.5 to -48 @ 6.2 L [y=12.0] [100%]
 -48 PLF @ 32.9 to -48 @ 40.6 R [y=11.2] [100%]
 -48 PLF @ 40.6 to -48 @ 43.4 R [y=10.5] [100%]
 -76 PLF @ 43.4 to -76 @ 44.9 R [y=10.1] [100%]
 10 PLF @ 6.2 to 10 @ 10.5 [y=21.7] [0%]
 10 PLF @ -1.5 to 10 @ 6.2 [y=21.7] [0%]
 11 PLF @ 10.5 to 11 @ 17.4 [y=21.7] [0%]
 11 PLF @ 17.4 to 11 @ 21.7 [y=21.7] [0%]
 11 PLF @ 21.7 to 11 @ 28.6 [y=21.7] [0%]
 11 PLF @ 28.6 to 11 @ 32.9 [y=21.7] [0%]
 10 PLF @ 32.9 to 10 @ 40.6 [y=21.7] [0%]
 10 PLF @ 40.6 to 10 @ 43.4 [y=21.7] [0%]
 10 PLF @ 43.4 to 10 @ 44.9 [y=21.7] [0%]
 10 PLF @ 0.0 to 10 @ 10.5 [y= 4.8] [0%]
 11 PLF @ 10.5 to 11 @ 21.7 [y= 4.8] [0%]
 11 PLF @ 21.7 to 11 @ 32.9 [y= 4.8] [0%]
 10 PLF @ 32.9 to 10 @ 43.4 [y= 4.8] [0%]

[C&C ASCE Wind Lt-+][OC 24.00][ASI 1.00][RM 1]
 -37 PLF @ 14.9 to -37 @ 21.7 L [y=18.7] [100%]
 -37 PLF @ 21.7 to -37 @ 26.0 R [y=16.5] [100%]
 -37 PLF @ 10.5 to -37 @ 14.9 L [y=15.3] [100%]
 -37 PLF @ 2.9 to -37 @ 10.5 L [y=13.1] [100%]
 -37 PLF @ 26.0 to -37 @ 32.9 R [y=13.1] [100%]
 -37 PLF @ 32.9 to -37 @ 37.2 R [y=12.0] [100%]
 -37 PLF @ 0.0 to -37 @ 2.9 L [y=11.2] [100%]
 -76 PLF @ -1.5 to -76 @ 0.0 L [y=10.5] [100%]
 -37 PLF @ 37.2 to -37 @ 44.9 R [y=10.1] [100%]
 10 PLF @ 0.0 to 10 @ 2.8 [y=21.7] [0%]
 10 PLF @ 2.8 to 10 @ 10.5 [y=21.7] [0%]
 10 PLF @ -1.5 to 10 @ 0.0 [y=21.7] [0%]
 11 PLF @ 10.5 to 11 @ 14.8 [y=21.7] [0%]
 11 PLF @ 14.8 to 11 @ 21.7 [y=21.7] [0%]
 11 PLF @ 21.7 to 11 @ 26.1 [y=21.7] [0%]
 11 PLF @ 26.1 to 11 @ 32.9 [y=21.7] [0%]
 10 PLF @ 32.9 to 10 @ 37.3 [y=21.7] [0%]
 10 PLF @ 37.3 to 10 @ 44.9 [y=21.7] [0%]
 10 PLF @ 0.0 to 10 @ 10.5 [y=21.7] [0%]
 11 PLF @ 10.5 to 11 @ 21.7 [y= 4.8] [0%]
 11 PLF @ 21.7 to 11 @ 32.9 [y= 4.8] [0%]
 10 PLF @ 32.9 to 10 @ 43.4 [y= 4.8] [0%]

[C&C ASCE Wind Rt-+][OC 24.00][ASI 1.00][RM 1]
 -37 PLF @ 17.4 to -37 @ 21.7 L [y=18.7] [100%]
 -37 PLF @ 10.5 to -37 @ 17.4 L [y=16.5] [100%]
 -37 PLF @ 21.7 to -37 @ 28.6 R [y=15.3] [100%]
 -37 PLF @ 6.2 to -37 @ 10.5 L [y=13.1] [100%]
 -37 PLF @ 28.6 to -37 @ 32.9 R [y=13.1] [100%]
 -37 PLF @ -1.5 to -37 @ 6.2 L [y=12.0] [100%]
 -37 PLF @ 32.9 to -37 @ 40.6 R [y=11.2] [100%]
 -37 PLF @ 40.6 to -37 @ 43.4 R [y=10.5] [100%]
 -76 PLF @ 43.4 to -76 @ 44.9 R [y=10.1] [100%]
 10 PLF @ 6.2 to 10 @ 10.5 [y=21.7] [0%]
 10 PLF @ -1.5 to 10 @ 6.2 [y=21.7] [0%]
 11 PLF @ 10.5 to 11 @ 17.4 [y=21.7] [0%]
 11 PLF @ 17.4 to 11 @ 21.7 [y=21.7] [0%]
 11 PLF @ 21.7 to 11 @ 28.6 [y=21.7] [0%]
 11 PLF @ 28.6 to 11 @ 32.9 [y=21.7] [0%]
 10 PLF @ 32.9 to 10 @ 40.6 [y=21.7] [0%]
 10 PLF @ 40.6 to 10 @ 43.4 [y=21.7] [0%]
 10 PLF @ 43.4 to 10 @ 44.9 [y=21.7] [0%]
 10 PLF @ 0.0 to 10 @ 10.5 [y= 4.8] [0%]
 11 PLF @ 10.5 to 11 @ 21.7 [y= 4.8] [0%]
 11 PLF @ 21.7 to 11 @ 32.9 [y= 4.8] [0%]
 10 PLF @ 32.9 to 10 @ 43.4 [y= 4.8] [0%]



Top chord 43TSC4.00 2.5x4.00-43-55KSI
:T2, T3 54TSC4.00 2.5x4.00-54-55KSI
Bot chord 28TSC4.00 2.5x4.00-28-55KSI
:B2, B3 33TSC4.00 2.5x4.00-33-55KSI
Webs 33W1.5x1.5 1.5x1.5-33-45KSI
:W2, W18 47W1.5x2.5 1.5x2.5-47-45KSI
:W10 63W1.5x3.5 1.5x3.5-63-45KSI

(D) 54TSBUC5.0K 16ga. Hinge connector required. Square indicates min. fastener qty. thru connector overlap. See drawings TS016 and TS016A for details.

100 mph wind. 15.00 ft mean hgt. ASCE 7-98. CLOSED bldg. not located within 6.50 ft from roof edge. CAT II. EXP B. wind TC DL=5.0 psf. wind BC DL=5.0 psf.

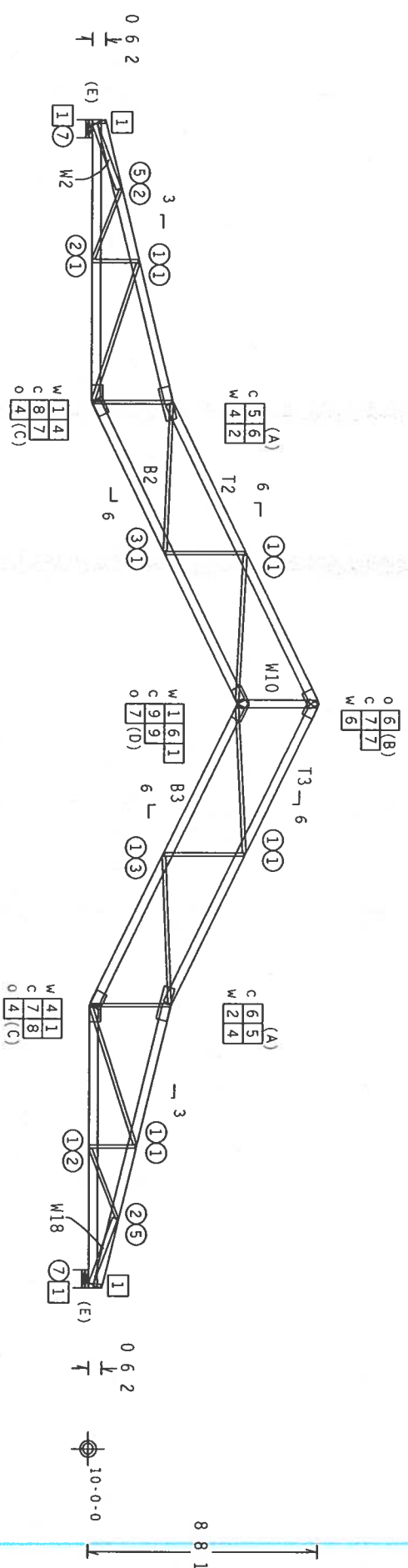
End verticals not exposed to wind pressure.

IN LIEU OF STRUCTURAL PANELS OR RIGID CEILING USE PURLINS:

CHORD SPACING(1N OC) START(FT) END(FT)
BC 120 0.00 43.42

(E) This heel has been designed as a swaged heel. The bottom chord tip must be swaged to fit into the top chord. Do not cut either chord section in overlapping heel area.

Fasteners=14AMD. Circles show the min. no. of blue 14AMD2.125 fasteners and squares show min. no. of red 14AMD2.375 fasteners per member. See DWG. TS011 for details.
(C) 43TSBUC5.0 18ga. Bent-U connector required. Square indicates min. fastener qty. thru connector overlap. See drawing TS016 for peak connector detail.
(B) 54TSBUC5.0 16ga. Bent-U connector required. Square indicates min. fastener qty. thru connector overlap. See drawing TS016 for peak connector detail.
(A) 54TSPC5.0 16ga. Straight U connector required. Square indicates min. fastener qty. thru connector. See drawing TS016B for peak connector detail.
Member design & wind reactions based on MMFRS and C&C.
Calculated horizontal deflection is 0.46" due to live load and 0.30" due to dead load.
Deflection meets L/360 live and L/240 total load.
Calculated vertical deflection is 0.88" due to live load and 0.59" due to dead load at X = 21-8-8.



10-6-0
11-2-8
11-1-10
10-6-14
10-5-1
43-5-0 Over 2 Supports
21-7-1 U 369 W 8"

GALVANIZATION - G60

Design Crit: AISI/FBC

7.25.03

FL/8/1/1/-/R/-

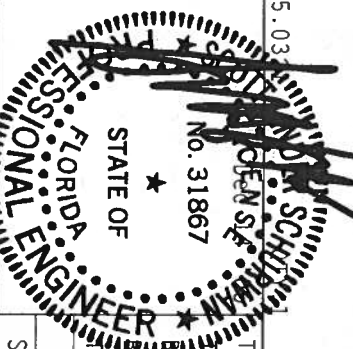
Scale = .1667"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARTS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. BRACING DEPICTED ON THIS DESIGN IS ONLY FOR LATERAL SUPPORT OF TRUSS MEMBERS TO RESIST BUCKLING LENGTHS.

ALL DESIGN, ATTACHMENT AND INSTALLATION OF TEMPORARY AND PERMANENT BRACING TO RESIST LATERAL FORCES AND HOLD TRUSSES PLUMB, SHALL BE THE RESPONSIBILITY OF OTHERS. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAIL FROM THIS DESIGN OR HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. AN ENGINEER'S SEAL ON THIS DRAWING APPLIES ONLY TO THE DESIGN OF THE TRUSS DEPICTED HERE AND SHALL NOT BE RELIED UPON IN ANY OTHER WAY.

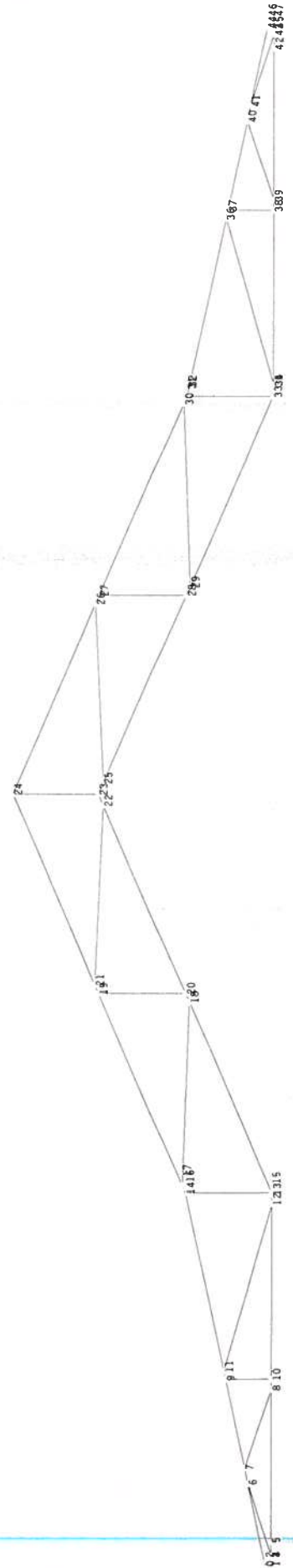
ALPINE
T RUSSTEEL
Alpine Engineered Products, Inc.
Earth City, MO 63045
FL Certificate of Authorization # 567



TC LL	20.0 PSF	REF R7417-11536
TC DL	10.0 PSF	DATE 12/08/06
BC DL	10.0 PSF	DRW M0USR7417 06342022
BC LL	10.0 PSF	MO-ENG DW/KMB
OT.LD.	50.0 PSF	SEON- 8137
SPACING	24.0"	FROM CVB
		JREF- 11227417205

40 PLF @ 32.9 to	10 @ 43.4 [y= 5.0] [0%]

[C&C ASCE Wind Rt=] [OC 24.00] [AS1 1.00] [RM 1]	
-37 PLF @ 17.4 to	-37 @ 21.7 L [y=18.7] [100%]
-19 PLF @ 10.5 to	-19 @ 17.4 L [y=16.5] [100%]
-19 PLF @ 21.7 to	-19 @ 28.6 R [y=15.3] [100%]
-37 PLF @ 6.2 to	-37 @ 10.5 L [y=13.1] [100%]
-37 PLF @ 28.6 to	-37 @ 32.9 R [y=13.1] [100%]
-19 PLF @ 0.0 to	-19 @ 6.2 L [y=12.0] [100%]
-19 PLF @ 32.9 to	-19 @ 39.1 R [y=11.6] [100%]
-37 PLF @ 39.1 to	-37 @ 43.4 R [y=10.5] [100%]
10 PLF @ 0.0 to	10 @ 6.2 [y=21.7] [0%]
10 PLF @ 6.2 to	10 @ 10.5 [y=21.7] [0%]
11 PLF @ 10.5 to	11 @ 17.4 [y=21.7] [0%]
11 PLF @ 17.4 to	11 @ 21.7 [y=21.7] [0%]
11 PLF @ 21.7 to	11 @ 28.6 [y=21.7] [0%]
11 PLF @ 28.6 to	11 @ 32.9 [y=21.7] [0%]
10 PLF @ 32.9 to	10 @ 39.1 [y=21.7] [0%]
10 PLF @ 39.1 to	10 @ 43.4 [y=21.7] [0%]
10 PLF @ 0.0 to	10 @ 10.5 [y= 5.0] [0%]
11 PLF @ 10.5 to	11 @ 21.7 [y= 5.0] [0%]
11 PLF @ 21.7 to	11 @ 32.9 [y= 5.0] [0%]
10 PLF @ 32.9 to	10 @ 43.4 [y= 5.0] [0%]



Top chord	28TSC2.75	1.5x2.75-28-55KSI
Bot chord	28TSC2.75	1.5x2.75-28-55KSI
Welds	33W.75x.75	.75x.75-33-45KSI

Fasteners—14AMD. Circles show the min. no. of blue 14AMD81.25 fasteners and squares show the min. no. of red 14AMD81.5 fasteners per member. See DWG. TS0111 for details.

(A) 43TSSPC3.75 18ga. Straight U connector required. Square indicates fastener qty. thru connector. See drawing TS004B for peak connector detail.

Member design & wind reactions based on MWFRS and C&C.

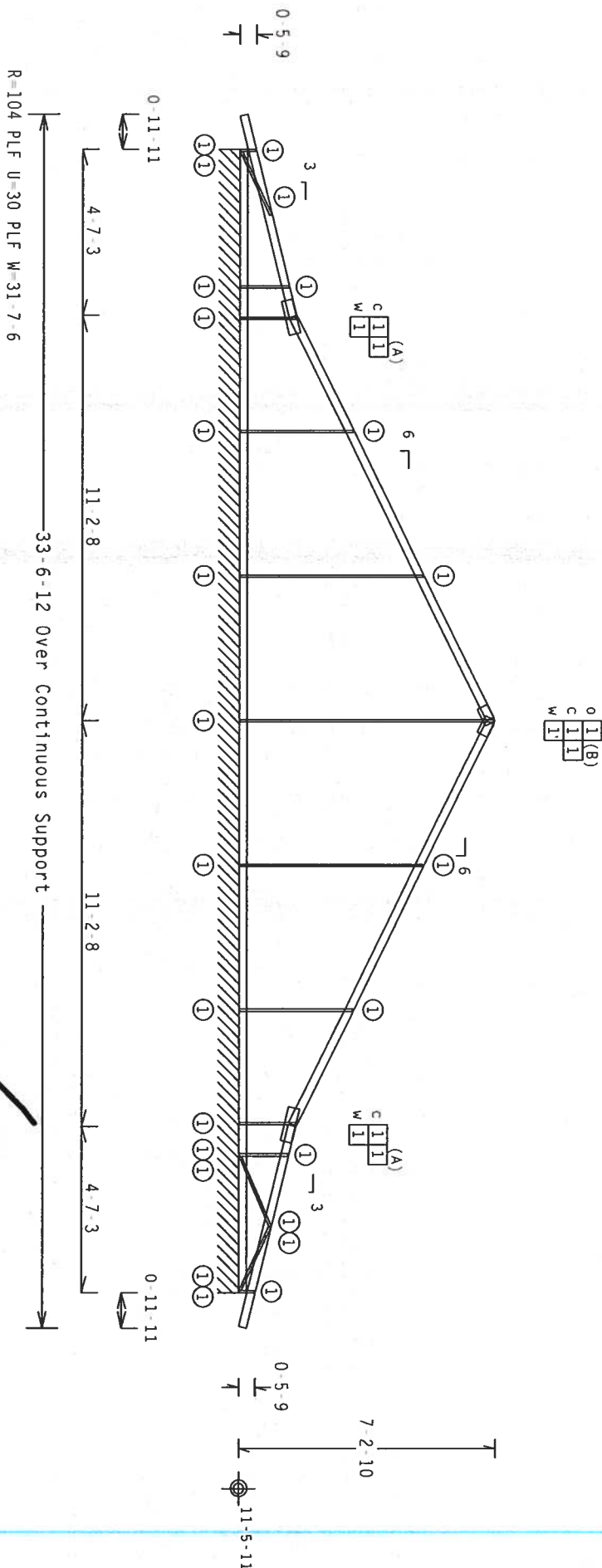
Roof overhang supports 2.00 psf soffit load.

Deflection meets L/360 live and L/240 total load

See DWG TS026 for valley details.

(B) 333SBDU.3-20ga. Bent-U connector required. Square indicates min. fastener qty. thru connector overlap. See drawing TS004 for peak connector detail.

IN LIEU OF STRUCTURAL PANELS OR RIGID CEILING USE PURLINS:		
CHORD	SPACING(IN OC)	START(FT)
BC	120	1.86
		END(FT)
		33.48



GALVANIZATION - G60

Design Cr1t: AISI/FBC

7.25.03

FL/8/1/1/-/R/-

Scale = .225"/Ft.

ALPINE

TRUSSTEEL

Alpine Engineered Products, Inc.
Earth City, MO 63045
FL Certificate of Authorization # 567

*****WARNING***** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING

AND BRACING. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CLIPPING.

**** IMPORTANT ****
FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. BRACING

DEPICTED ON THIS DESIGN IS ONLY FOR LATERAL SUPPORT OF TRUSS MEMBERS TO REDUCE BUCKLING LENGTHS.

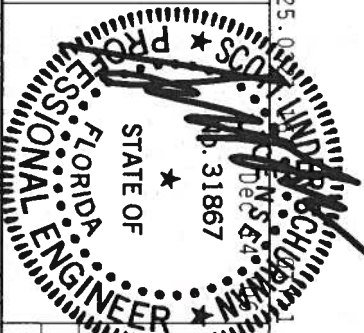
AL. DESIGN. ATTACHMENT AND INSTALLATION OF TEMPORARY AND PERMANENT BRACING, TO RESIST LATERAL

FORCES AND HOLD TRUSSES PLUMB, SHALL BE THE RESPONSIBILITY OF OTHERS. ALPINE ENGINEERED PRODUCTS,

INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN OR HANDLING, SHIPPING, INSTALLING

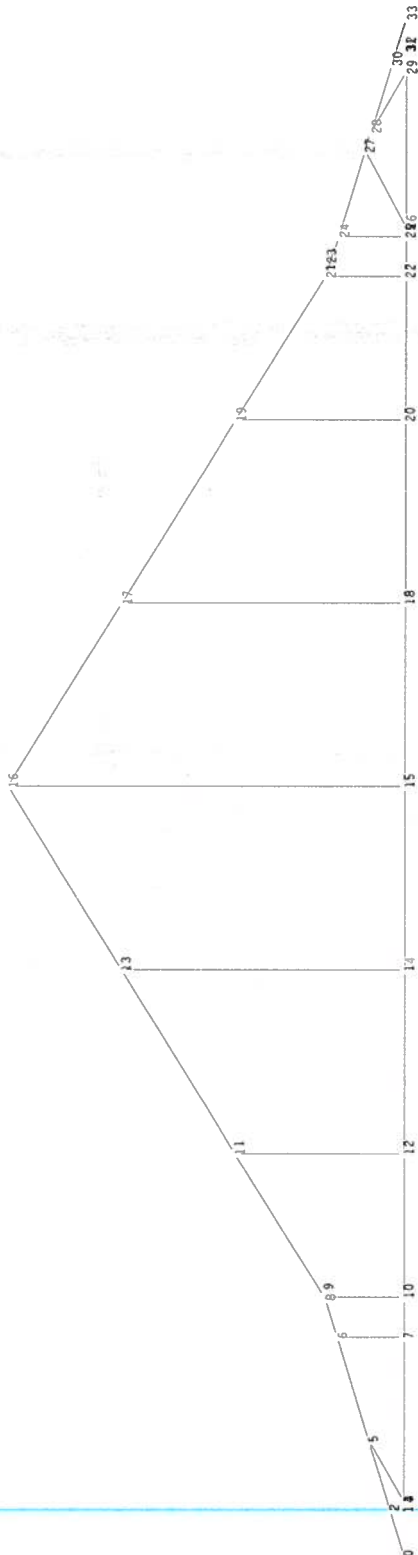
AND BRACING OF TRUSSES. AN ENGINEER'S SEAL ON THIS DRAWING APPLIES ONLY TO THE DESIGN OF THE TRUSS.

DEPICTED HERE AND SHALL NOT BE RELIED UPON IN ANY OTHER WAY



TC LL	20.0 PSF	REF R7417-	11537
TC DL	10.0 PSF	DATE	12/08/06
BC DL	10.0 PSF	DRW M05R7417	06342023
BC LL	10.0 PSF	MO-ENG DW/KMB	
TOT.LD.	50.0 PSF	SEON -	8127
		FROM CVB	
SPACING	24.0"	JREF -	1T227417Z05

[AISC ASCE Wind Rt--][OC 24.00][ASI 1.00][MH 1]			
-37 PLF @ 14.5 to	-37 @ 17.7 L	[y=18.6]	[100%]
-37 PLF @ 6.5 to	-37 @ 14.5 L	[y=17.1]	[100%]
-37 PLF @ 17.7 to	-37 @ 25.7 R	[y=14.6]	[100%]
-37 PLF @ 3.3 to	-37 @ 6.5 L	[y=13.1]	[100%]
-37 PLF @ 25.7 to	-37 @ 28.9 R	[y=13.1]	[100%]
-37 PLF @ 0.9 to	-37 @ 3.3 L	[y=12.3]	[100%]
-37 PLF @ 28.9 to	-37 @ 31.3 R	[y=12.4]	[100%]
-37 PLF @ 31.3 to	-37 @ 33.5 R	[y=11.9]	[100%]
-76 PLF @ 33.5 to	-76 @ 34.4 R	[y=11.7]	[100%]
10 PLF @ 0.9 to	10 @ 3.3	[y=21.7]	[0%]
10 PLF @ 3.3 to	10 @ 6.5	[y=21.7]	[0%]
11 PLF @ 6.5 to	11 @ 14.5	[y=21.7]	[0%]
11 PLF @ 14.5 to	11 @ 17.7	[y=21.7]	[0%]
11 PLF @ 17.7 to	11 @ 25.7	[y=21.7]	[0%]
11 PLF @ 25.7 to	11 @ 28.9	[y=21.7]	[0%]
10 PLF @ 28.9 to	10 @ 31.3	[y=21.7]	[0%]
10 PLF @ 31.3 to	10 @ 33.5	[y=21.7]	[0%]
10 PLF @ 33.5 to	10 @ 34.5	[y=21.7]	[0%]
10 PLF @ 1.9 to	10 @ 33.5	[y= 6.5]	[0%]



Top chord 28TSC2-75 1.5x2.75-28-55KSI
Bot chord 28TSC2-75 1.5x2.75-28-55KSI
Webs 33W-75x.75 .75x.75-33-45KSI

(A) 43TSSPC3-75 18ga. Straight U connector required. Square indicates min. fastener qty. thru connector. See drawing TS004B for peak connector detail.

100 mph wind, 15.66 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof. CAT II, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Roof overhang supports 2.00 psf soffit load.

Deflection meets L/360 live and L/240 total load.

See DWG TS026 for valley details.

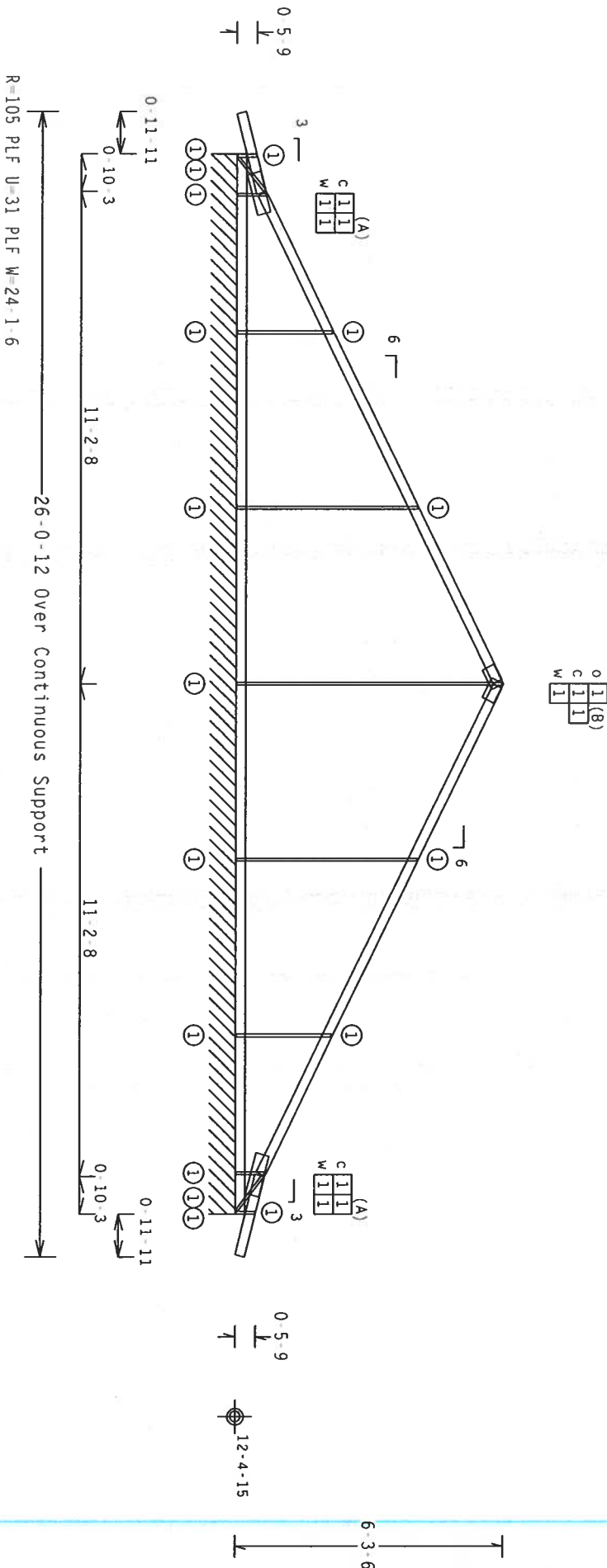
Fasteners=14AMD. Circles show the min. no. of blue 14AMD1.25 fasteners and squares show the min. no. of red 14AMD1.5 fasteners per member. See DWG. TS011 for details.

(B) 33TSBUC3-5 20ga. Bent-U connector required. Square indicates min. fastener qty. thru connector overlap. See drawing TS004 for peak connector detail.

Member design & wind reactions based on MFRS and C&C.

IN LIEU OF STRUCTURAL PANELS OR RIGID CEILING USE PURLINS:

CHORD SPACING(IN OC) START(FT) END(FT)
BC 120 1.86 25.98



GALVANIZATION - G60

Design Crit: AISI/FBC

7.25.02 UNDER MINOR REVISIONS

Scale = .275\"/>

ALPINE

T RUS STEEL

Alpine Engineered Products, Inc.
Earth City, MO 63045
EL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. BRACING

DEPicted ON THIS DESIGN IS ONLY FOR LATERAL SUPPORT OF TRUSS MEMBERS TO RESIST BRACING UPRIGHTS.

ALL DESIGN, ATTACHMENT AND INSTALLATION OF TEMPORARY AND PERMANENT BRACING TO RESIST LATERAL

FORCES AND HOLD TRUSSES TOGETHER SHALL BE THE RESPONSIBILITY OF OTHERS. ALPINE ENGINEERED PRODUCTS,

INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN OR HANDLING, SHIPPING, INSTALLING

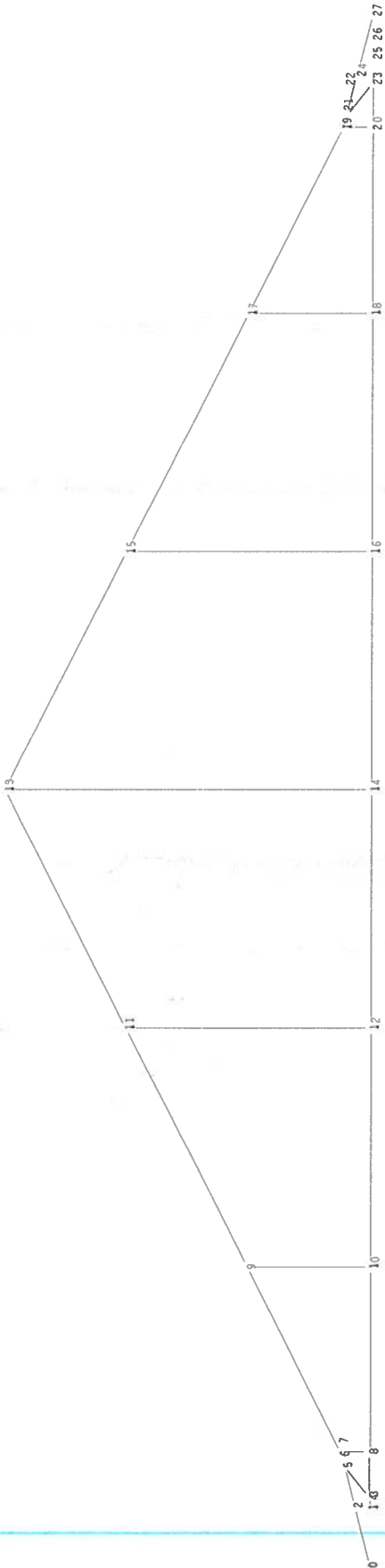
AND BRACING OF TRUSSES. AN ENGINEER'S SEAL ON THIS DRAWING APPLIES ONLY TO THE DESIGN OF THE TRUSS

DEPicted HERE AND SHALL NOT BE RELIED UPON IN ANY OTHER WAY.



FL/8/11/-/R/-	REF	R7417-11538
TC LL	20.0 PSF	DATE 12/08/06
TC DL	10.0 PSF	DRW MOURS7417 06342024
BC DL	10.0 PSF	MO-ENG DW/KMB
BC LL	10.0 PSF	SEON- 8125
TOT. LD.	50.0 PSF	FROM CVB
SPACING 24.0"		JREF- 1T27417205

11 PLF @ 10.9 to 11 @ 13.9 [y=21.7] [0%]
 11 PLF @ 13.9 to 11 @ 22.1 [y=21.7] [0%]
 11 PLF @ 22.1 to 11 @ 25.1 [y=21.7] [0%]
 10 PLF @ 25.1 to 10 @ 26.0 [y=21.7] [0%]
 10 PLF @ 26.0 to 10 @ 27.0 [y=21.7] [0%]
 10 PLF @ 1.9 to 10 @ 26.0 [y= 7.4] [0%]



Top chord 28TSC2.75 1.5x2.75-28-55KSI
Bot chord 28TSC2.75 1.5x2.75-28-55KSI
Webs 33W.75x.75 .73x.75-33-45KSI

100 mph wind, 16.17 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge. CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Roof overhang supports 2.00 psf soffit load.

Deflection meets L/360 live and L/240 total load.

See DWG TS026 for valley details.

Fasteners=14AMD. Circles show the min. no. of blue 14AMD1.25 fasteners and squares show the min. no. of red 14AMD1.5 fasteners per member. See DWG. TS011 for details.

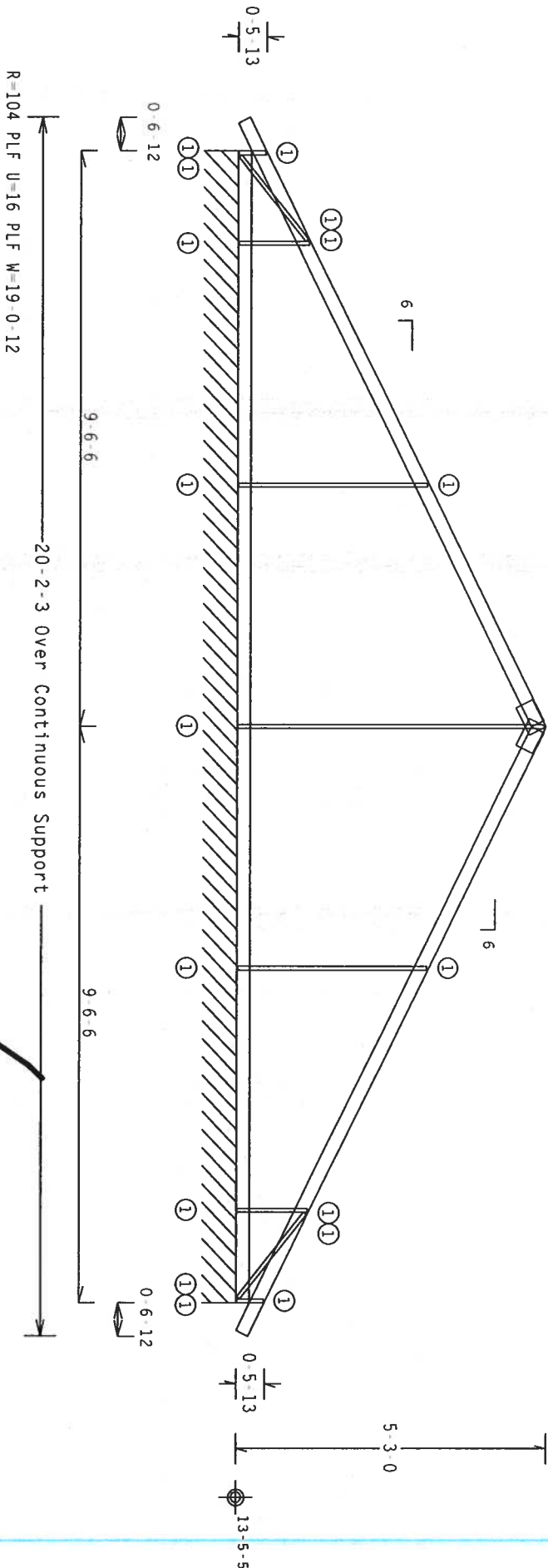
(A) 33TSBUC3.5 20ga. Bent-U connector required. Square indicates min. fastener qty. thru connector overlap. See drawing TS004 for peak connector detail).

Member design & wind reactions based on MWFRS and C&C.

IN LIEU OF STRUCTURAL PANELS OR RIGID CEILING USE PURLINS:

CHORD SPACING(IN OC) START(FT) END(FT)
BC 120 0.97 20.03

0 1 (A)
C 1 1
W 1



R-104 PLF U-16 PLF W-19-0-12

GALVANIZATION - G60

Design Crit: AISI/FBC

7.25.0

FL/8/1/1/-/R/-

Scale = .375"/ft.

ALPINE

T RUSSTEEL

Alpine Engineered Products, Inc.
Earth City, MO 63045
FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. BRACING

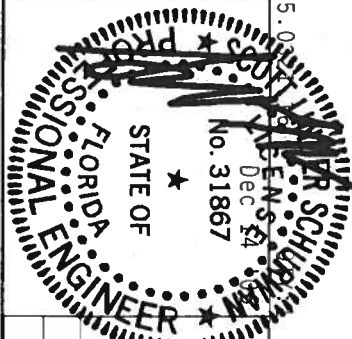
DEPicted ON THIS DESIGN IS ONLY FOR LATERAL SUPPORT OF TRUSS MEMBERS TO RESIST BUCKLING TENDENCIES.

ALL DESIGN, ATTACHMENT AND INSTALLATION OF TEMPORARY AND PERMANENT BRACING, TO RESIST LATERAL

FORCES AND HOLD TRUSSES PLUMB, SHALL BE THE RESPONSIBILITY OF OTHERS. ALPINE ENGINEERED PRODUCTS,

INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN OR HANDLING, SHIPPING, INSTALLING

AND BRACING OF TRUSSES. AN ENGINEER'S SEAL ON THIS DRAWING APPLIES ONLY TO THE DESIGN OF THE TRUSS



FL/8/1/1/-/R/-	Scale = .375"/ft.
TC LL	20.0 PSF
TC DL	10.0 PSF
TC DL	10.0 PSF
TC DL	10.0 PSF
TC LL	10.0 PSF
TOT. LD.	50.0 PSF
SPACING	24.0"
REF R7417 - 11539	DATE 12/08/06
DRW M0USR7417 06342025	MO-ENG DW/KMB
SEQN - 8135	FROM CVB
JREF - 11727417205	

Top chord	28TSC2.75	1.5x2.75-28-55KSI
Bot chord	28TSC2.75	1.5x2.75-28-55KSI
Welds	33W.75x.75	.75x.75-33-45KSI

Fasteners=14AMD. Circles show the min.no. of blue 14AMDB1.25 fasteners and squares show the min. no. of red 14AMDRI.5 fasteners per member. See DWG. TS01111 for details.

(A) 33TSBUC3.5 20ga. Bent-U connector required. Square indicates min. fastener qty. thru connector overlap. See drawing TS004 for peak connector detail.

Member design & wind reactions based on MWFRS and C&C.

IN LIEU OF STRUCTURAL PANELS OR RIGID CEILING USE PURLINS:

CHORD	SPACING(IN OC)	START(FT)	END(FT)
BC	120	0.97	16.03



Design Crit: AISI/FBC

7.25.038116

FL/8/1/1/-/R/-

Scale = .4375"/Ft.

ALPINE
TRUSSTEEL

Alpine Engineered Products, Inc.
Earth City, MO 63045
FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREM. CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING

AND BRACING, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**** IMPORTANT ****

FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. BRACING

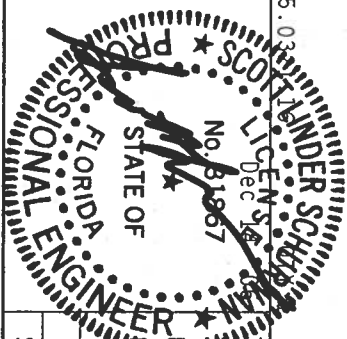
EXPLOITED ON THIS DESIGN IS ONLY FOR LATERAL SUPPORT OF TRUSS MEMBERS TO REDUCE BUCKLING LENGTHS.

TOGETHER AND HOLD TOGETHER ALL THE
SHALL OF THE RESPONSIBILITY OF OTHERS
ALONG EXHIBITION PRODUCTIONS

INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN OR HANDLING, SHIPPING, INSTALLING

AND BRACING OF TRUSSES. AN ENGINEER'S SEAL ON THIS DRAWING APPLIES ONLY TO THE DESIGN OF THE TRUSS.

WITNESSES AND SHALL NOT BE RELIED UPON IN ANY OTHER WAY



ITC LL	20.0 PSF	REF	R7417- 11540
IC DL	10.0 PSF	DATE	12/08/06
EC DL	10.0 PSF	DRW	MOUSE7417 06342026
IC LL	10.0 PSF	MO-ENG	DW/KMB
TOT. LD.	50.0 PSF	SEQN-	8133
		FROM	CVB
SPACING	24.0"	JREF-	1T2Z7417Z05

Top chord 281SC2.75 1.5x2.75-28-55KSI
Bot chord 281SC2.75 1.5x2.75-28-55KSI
Webs 33W.75x.75 .75x.75-33-45KSI

100 mph wind, 17.17 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge. CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Roof overhang supports 2.00 psf soffit load.

Deflection meets L/360 live and L/240 total load.

See DWG TS026 for valley details.

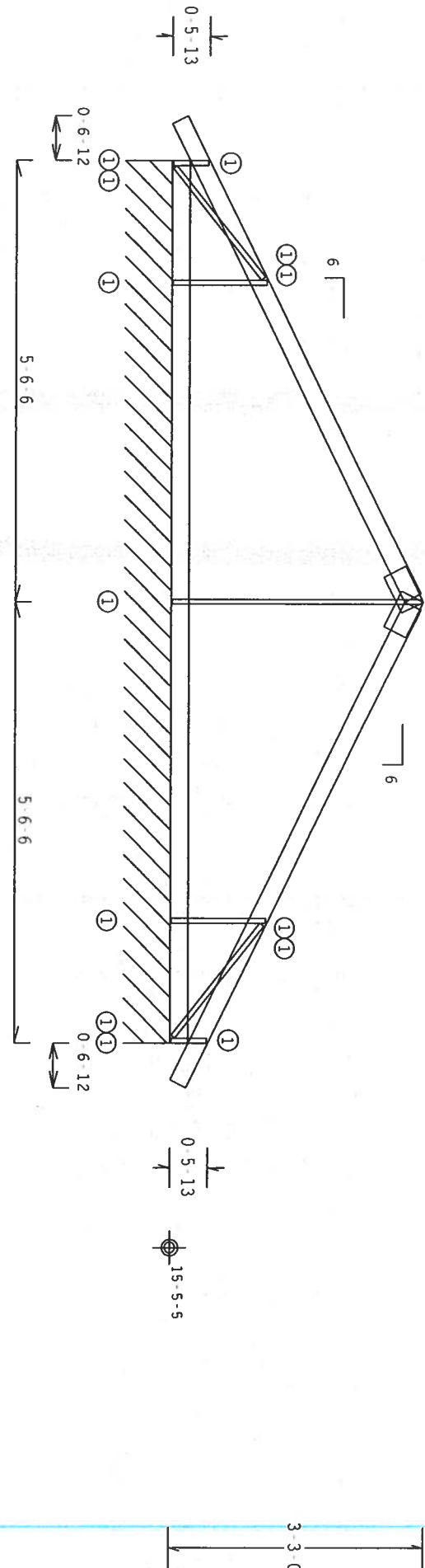
Fasteners=14AMD. Circles show the min. no. of blue 14AMD81.25 fasteners and squares show the min. no. of red 14AMD81.5 fasteners per member. See DWG. TS011 for details.

(A) 33TSBUC3.5 20ga. Bent-U connector required. Square indicates min. fastener qty. thru connector overlap. See drawing TS004 for peak connector detail).

Member design & wind reactions based on MMFRS and C&C.

IN LIEU OF STRUCTURAL PANELS OR RIGID CEILING USE PURLINS:
CHORD SPACING(IN OC) START(FT) END(FT)
BC 120 0.97 12.03

0 1 1 (A)
C 1 1
W 1 1



R=106 PLF U=26 PLF W=11-0-12

GALVANIZATION - G60

Design Crit: AISI/FBC

7.25.03

FL/8/1/1/-/R/-

Scale = .5"/ft.

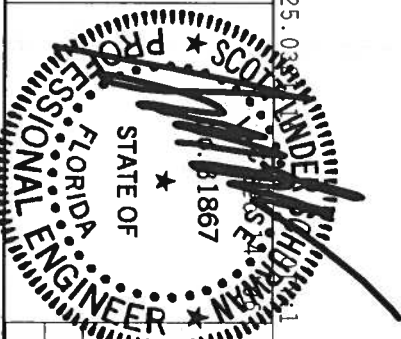
ALPINE
TRUSS STEEL

Alpine Engineered Products, Inc.
Earth City, MO 63045
EL Certificate of Authorization # 567

****WARNING**** BRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. BRACING DEPICTED ON THIS DESIGN IS ONLY FOR LATERAL SUPPORT OF TRUSS MEMBERS TO REDUCE BUCKLING LENGTHS.

ALL DESIGN, ATTACHMENT AND INSTALLATION OF TEMPORARY AND PERMANENT BRACING, TO RESIST LATERAL FORCES AND ROLL TRUSS PIVOT, SHALL BE THE RESPONSIBILITY OF OTHERS. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN OR HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. AN ENGINEER'S SEAL ON THIS DRAWING APPLIES ONLY TO THE DESIGN OF THE TRUSS DEPICTED HERE AND SHALL NOT BE RELIED UPON IN ANY OTHER WAY.



TC LL	20.0 PSF	REF R7417-11541
TC DL	10.0 PSF	DATE 12/08/06
BC DL	10.0 PSF	DRW MOUR7417 06342027
BC LL	10.0 PSF	MO-ENG DW/KMB
TOT.LD.	50.0 PSF	SEON- 8141
SPACING	24.0"	FROM CMB
		JREF- 11227417205

Top Chord 28TSC2.75 1.5x2.75-28-55KSI
Bot Chord 28TSC2.75 1.5x2.75-28-55KSI
Webs 33W.75x.75 .75x.75-33-45KSI

100 mph wind, 17.67 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof.
CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Roof overhang supports 2.00 psf soffit load.
Deflection meets L/360 live and L/240 total load.
See DWG TS026 for valley details.

Fasteners=14AMD. Circles show the min. no. of blue 14AMD81.25 fasteners and squares show the min. no. of red 14AMD81.5 fasteners per member. See DWG. TS011 for details.

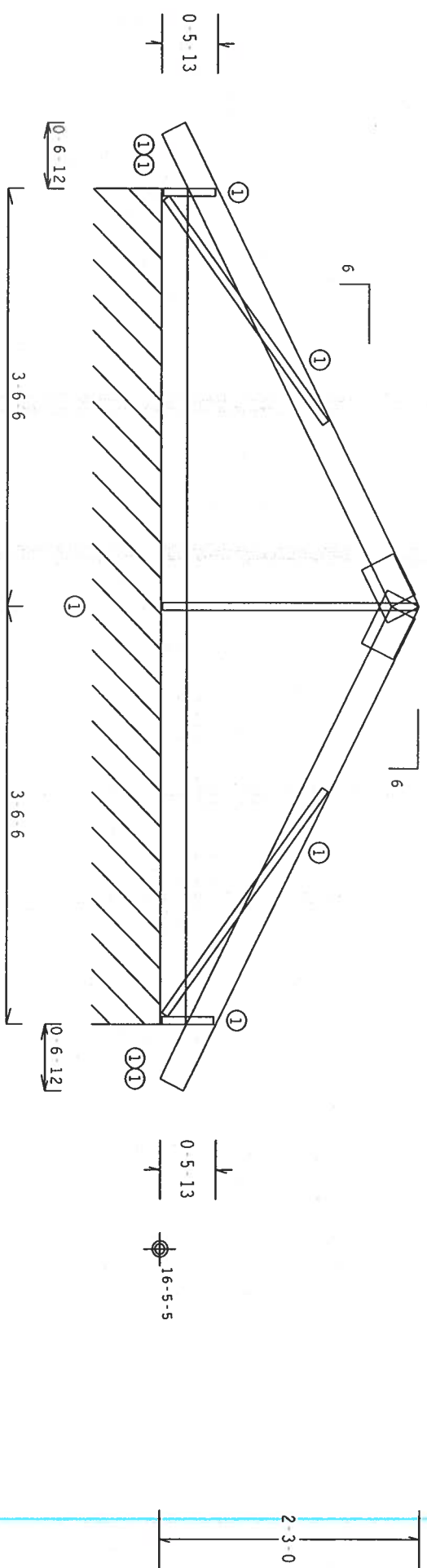
(A) 33TSBUC3.5 20ga. Bent-U connector required. Square indicates min. fastener qty. thru connector overlap. See drawing TS004 for peak connector detail.

Member design & wind reactions based on MWFRS and C&C.

IN LIEU OF STRUCTURAL PANELS OR RIGID CEILING USE PURLINS:

CHORD SPACING(IN OC) START(FT) END(FT)
BC 85 0.97 8.03

0 1 (A)
C 1 1
W 1



R=110 PLF U-54 PLF W-7-0-12

GALVANIZATION - G60

Design Crit: AISI/FBC

7.25.03

FL/8/1/1/-/R/-

Scale = .75"/ft.

ALPINE

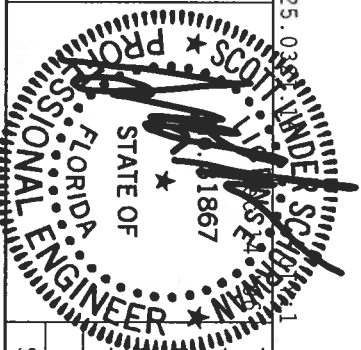
T RUSSTEEL

Alpine Engineered Products, Inc.
Earth City, MO 63045
EL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. BRACING DEPICTED ON THIS DESIGN IS ONLY FOR LATERAL SUPPORT OF TRUSS MEMBERS TO REDUCE BUCKLING LENGTHS.

ALL DESIGN, ATTACHMENT AND INSTALLATION OF TEMPORARY AND PERMANENT BRACING, TO RESIST LATERAL FORCES AND END TRUSSES PIERCE, SHALL BE THE RESPONSIBILITY OF OTHERS. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN OR HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. AN ENGINEER'S SEAL ON THIS DRAWING APPLIES ONLY TO THE DESIGN OF THE TRUSS DEPICTED HERE AND SHALL NOT BE REPLIED UPON IN ANY OTHER WAY.



TC LL	20.0 PSF	REF	R7417-11542
TC DL	10.0 PSF	DATE	12/08/06
BC DL	10.0 PSF	DRW	MOURS7417 06342028
BC LL	10.0 PSF	MO-ENG	DW/KMB
TOT.LD.	50.0 PSF	SEQN	8131
SPACING	24.0"	FROM	CVB
		JREF	1T2Z7417Z05

Top chord 28TSC2.75 1.5x2.75-28-55KSI
Bot chord 28TSC2.75 1.5x2.75-28-55KSI
Webs 33W.75x.75 .73x.75-33-45KSI

100 mph wind, 18.17 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof.
CAT II. EXP B. wind TC DL=5.0 psf. wind BC DL=5.0 psf.

Roof overhang supports 2.00 psf soffit load.

Deflection meets L/360 live and L/240 total load.

See DWG TS026 for valley details.

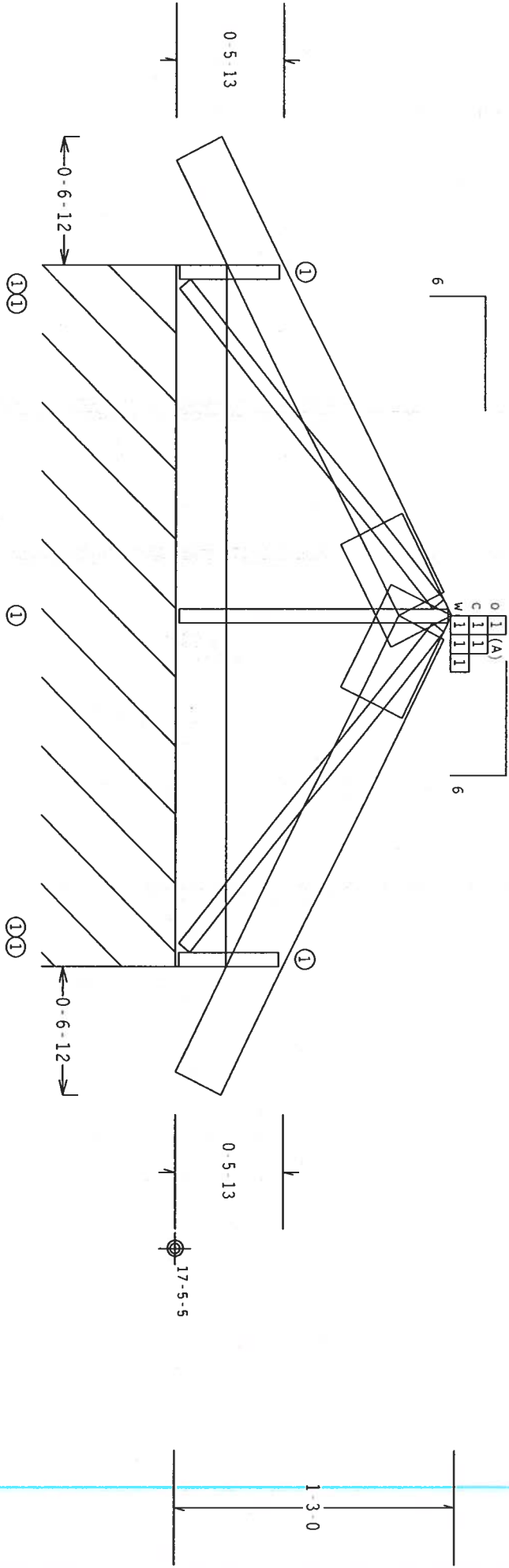
Fasteners=14AMD. Circles show the min. no. of blue 14AMD1.25 fasteners and squares show the min. no. of red 14AMD1.5 fasteners per member. See DWG. TS011 for details.

(A) 33TSBUC3.5 20ga. Bent-U connector required. Square indicates min. fastener qty. thru connector overlap. See drawing TS004 for peak connector detail.

Member design & wind reactions based on MMFRS and C&C.

IN LIEU OF STRUCTURAL PANELS OR RIGID CEILING USE PURLINS:

CHORD SPACING(1N OC) START(FT) END(FT)
BC 37 0.97 4.03



R=123 PLF U=75 PLF W=3-0-12

GALVANIZATION - G60

Design Crit: AISI/FBC

7.25

FL/8/1/1/-/R/-

Scale = 1.5"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

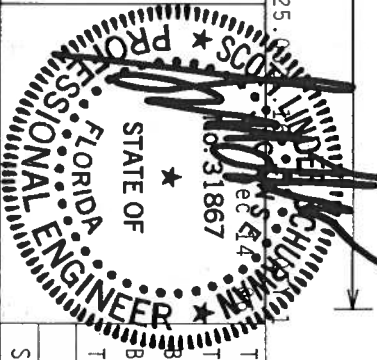
****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. BRACING DEPICTED ON THIS DESIGN IS ONLY FOR LATERAL SUPPORT OF TRUSS MEMBERS TO REDUCE BUCKLING LENGTHS. ALL OF DESIGN, ATTACHMENT AND INSTALLATION OF TRUSS MEMBERS AND PERMANENT BRACING TO RESIST LATERAL FORCES AND HOLD TRUSSES IN PLACE, SHALL BE THE RESPONSIBILITY OF OTHERS. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN OR HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. AN ENGINEER'S SEAL ON THIS DRAWING APPLIES ONLY TO THE DESIGN OF THE TRUSS DEPICTED HEREIN AND SHALL NOT BE RELIED UPON IN ANY OTHER WAY.

T RUSSTEEL

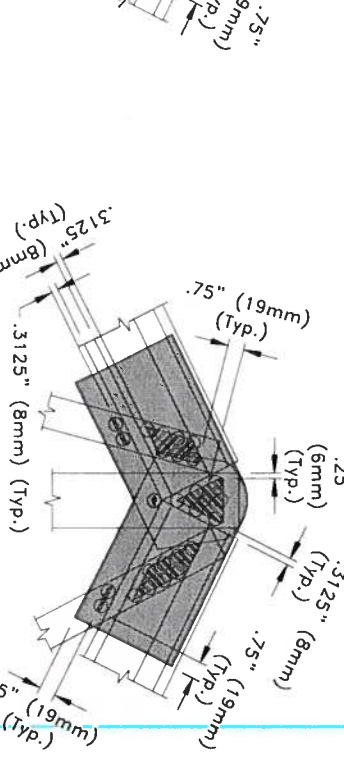
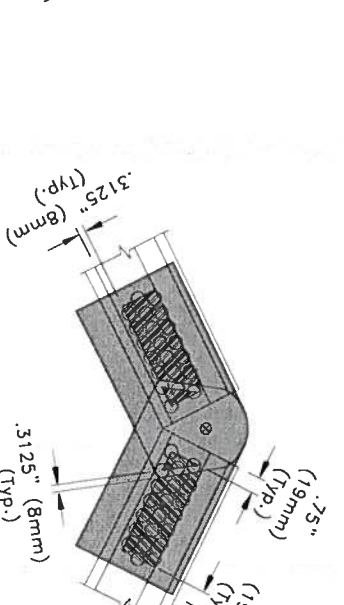
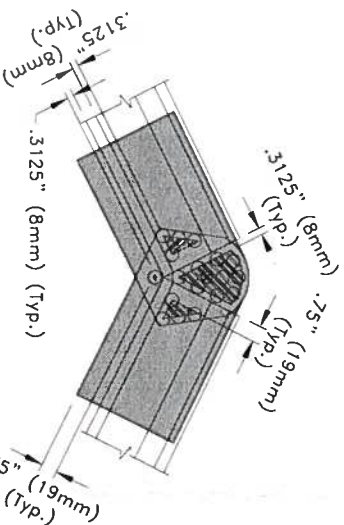
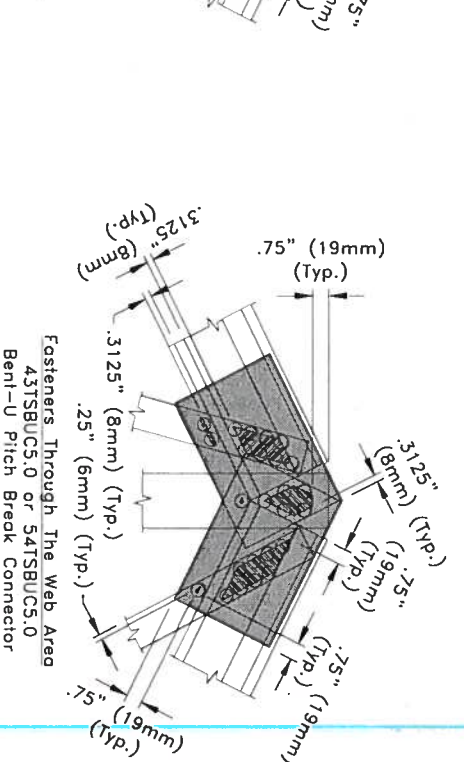
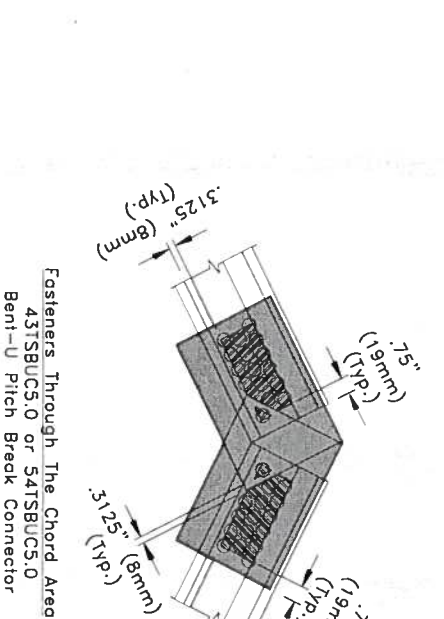
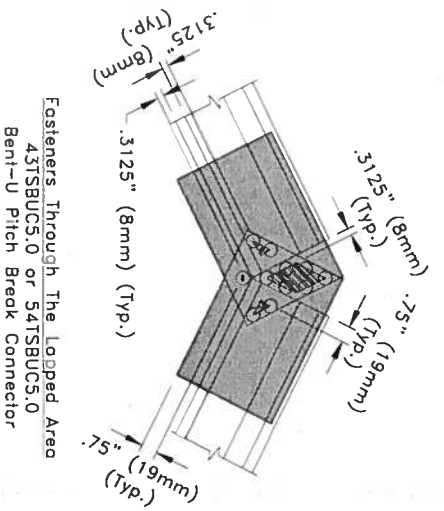
ALPINE

Alpine Engineered Products, Inc.
Earth City, MO 63045

EL Certificate of Authorization # 567



TC LL	20.0 PSF	REF R7417-11543
TC DL	10.0 PSF	DATE 12/08/06
BC DL	10.0 PSF	DRW M0USR7417 06342029
BC LL	10.0 PSF	MO-ENG DW/KMB
TOT.LD.	50.0 PSF	SEON- 8129
SPACING	24.0"	FROM CVB
		JREF- 117227417205



Fasteners Through The Lapped Area
43TSHCS.0K or 54TSHCS.0K
Hinged Pitch Break Connector

Fasteners Through The Chord Area
43TSHCS.0K or 54TSHCS.0K
Hinged Pitch Break Connector

Fasteners Through The Web Area
43TSHCS.0K or 54TSHCS.0K
Hinged Pitch Break Connector

General Notes:

1. Fastener spacing and end distance is 3/4" (19mm) minimum, except as shown.
2. See the sealed truss engineered drawing for required fastener type and quantities for each fastener contact area.
3. Fastener contact areas may coincide with other contact areas; use a common fastener for both areas. This will result in a reduction in the total number of fasteners required at the pitch break joint.
4.  = Fastener



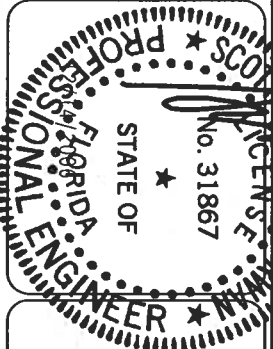
Division of Alpine Engineered Products, Inc.

www.TrusSteel.com

Florida: 1950 Marley Drive / Haines City, FL 33844 / (800) 755-6001
Missouri: 13389 Lakefront Drive / Earth City, MO 63045 / (800) 326-4102
California: 8351 Rovana Circle / Sacramento, CA 95828 / (800) 877-3678

TSC4.00 Pitch Break Connections

Alpine Engineered Products, Inc. shall not be responsible for any performance failure in a connection due to a deviation from this detail. Any variation from this detail shall be approved in advance by Alpine Engineered Products, Inc.



Standard Detail:

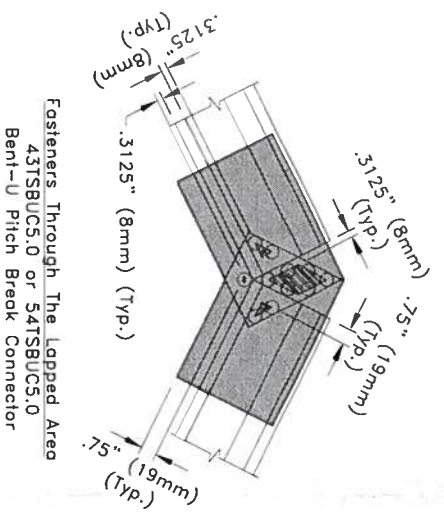
TS016

Date:

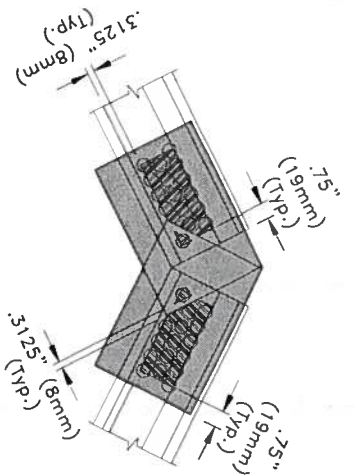
02-09-05

TrusSteel Detail Category:

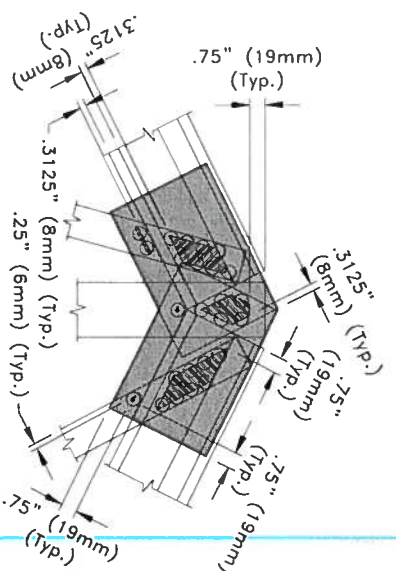
Pitch Break Connections



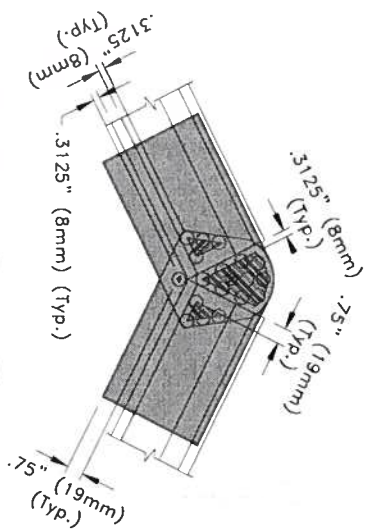
Fasteners Through The Lapped Area
43TSHCS.0K or 54TSHCS.0
Bent-U Pitch Break Connector



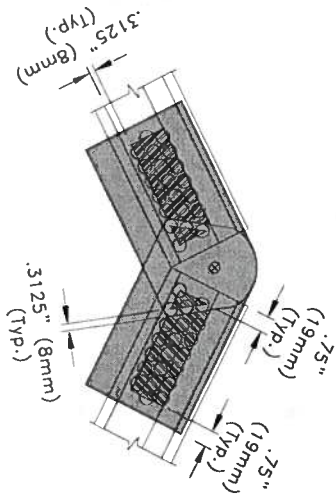
Fasteners Through The Chord Area
43TSHCS.0K or 54TSHCS.0
Bent-U Pitch Break Connector



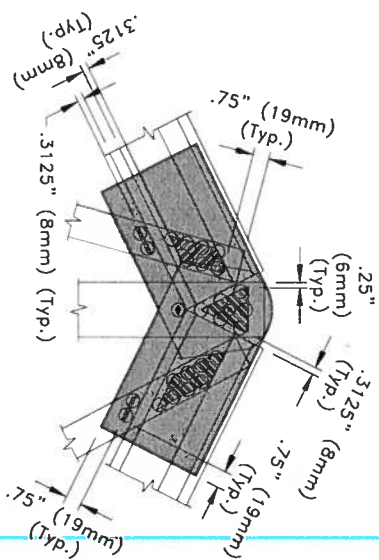
Fasteners Through The Web Area
43TSHCS.0K or 54TSHCS.0
Bent-U Pitch Break Connector



Fasteners Through The Lapped Area
43TSHCS.0K or 54TSHCS.0K
Hinged Pitch Break Connector



Fasteners Through The Chord Area
43TSHCS.0K or 54TSHCS.0K
Hinged Pitch Break Connector



Fasteners Through The Web Area
43TSHCS.0K or 54TSHCS.0K
Hinged Pitch Break Connector

General Notes:

1. Fastener spacing and end distance is 3/4" (19mm) minimum, except as shown.
2. See the sealed truss engineered drawing for required fastener type and quantities for each fastener contact area.
3. Fastener contact areas that coincide with other contact areas may use a common fastener for both areas. This will result in a reduction in the total number of fasteners required at the pitch break joint.
4. = Fastener



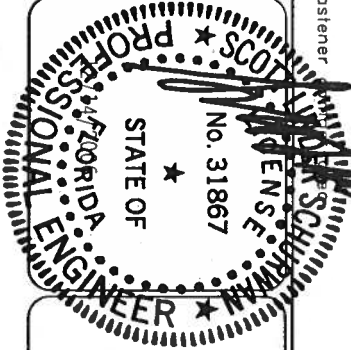
Division of Alpine Engineered Products, Inc.

www.TrusSteel.com

Florida: 1850 Marley Drive / Haines City, FL 33844 / (800) 755-6001
Missouri: 13389 Lakefront Drive / Earth City, MO 63045 / (800) 326-4102
California: 8351 Rovana Circle / Sacramento, CA 95828 / (800) 877-3678

TSC4.00 Pitch Break Connections

Alpine Engineered Products, Inc. shall not be responsible for any performance failure in a connection due to a deviation from this detail. Any variation from this detail shall be approved in advance by Alpine Engineered Products, Inc.



Standard Detail:

TS016

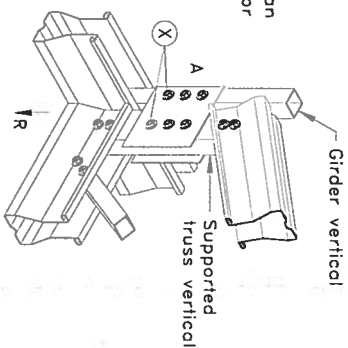
Date:

02-09-05

TrusSteel Detail Category:

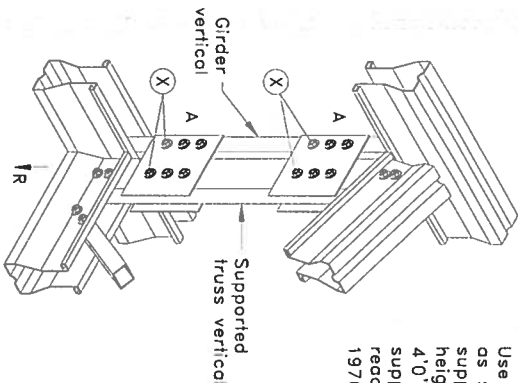
Pitch Break Connections

Use one clip as shown when supported truss height is less than 4'0" (1219mm) or supported truss reaction is less than 1976 lbs. (8.79kN)



Truss-to-Truss Connection Detail
1-Clip

Use two clips as shown when supported truss height exceeds 4'0" (1219mm) or supported truss reaction exceeds 1976 lbs. (8.79kN)



Truss-to-Truss Connection Detail
2-Clips

(R) Maximum Reaction lbs. (kN)	Number of Clips	X
988 (4.39)	1	3
988 (4.39)	2	2
1482 (6.59)	1	4
1482 (6.59)	2	2
1976 (8.79)	1	5
1976 (8.79)	2	3
2470 (10.99)	1	N/A
2470 (10.99)	2	3

- X is number of #10 self drilling screws on each side of each clip in each web member.

TSC2.75 Chord Trusses

A - TTC3 Clip
B - TTC5 Clip

TSC4.00 Chord Trusses

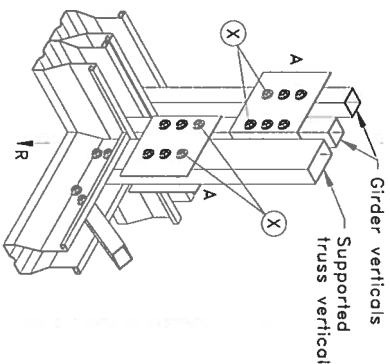
A - TTC4 Clip
B - TTC7 Clip

U-Clips are 20ga ASTM A653 SS grade 33.

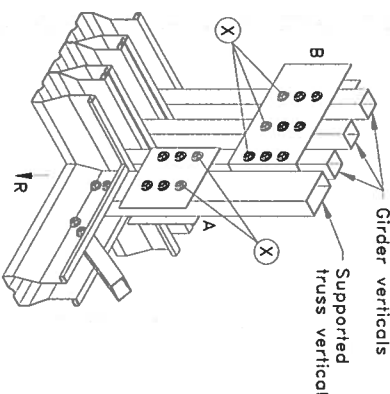
Bore metal thickness is 0.0329" (0.84mm) min.

General Notes:

1. Screw spacing, edge distance and end distance is 5/8" (16mm) minimum.
2. A clip bearing type must be used in VIEW to analyze the supported truss.
3. R = reaction from TrusCAD analysis.
4. Girder verticals must be 3/4" (19mm) x 3/4" (19mm) for TSC2.75 trusses or 1-1/2" (38mm) x 1-1/2" (38mm) for TSC4.00 trusses. If TrusCad analysis results show you need a bigger web, contact an Alpine engineer.
5. If supported truss verticals are larger than 3/4" (19mm) x 1-1/2" (38mm) for TSC2.75 trusses or 1-1/2" (38mm) x 2" (51mm) for TSC4.00 trusses, truss-to-truss clip must be 1-1/2" (38mm) x 2" (51mm) "B" clip.



Girder Ply-To-Ply Connection Detail
2-Member



Girder Ply-To-Ply Connection Detail
3-Member



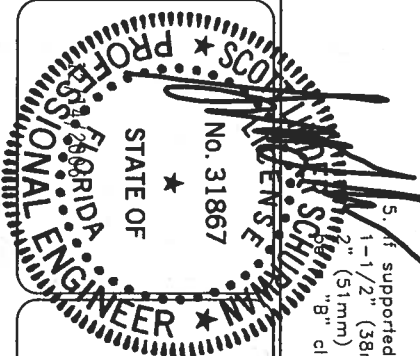
Division of Alpine Engineered Products, Inc.

www.TrusSteel.com

Florida: 1950 Marley Drive / Haines City, FL 33844 / (800) 755-6001
Missouri: 13389 Lakefront Drive / Earth City, MO 63045 / (800) 326-4102
California: 8351 Rovana Circle / Sacramento, CA 95828 / (800) 877-3678

TrusSteel Truss-To-Truss Connection

Alpine Engineered Products, Inc. shall not be responsible for any performance failure in a connection due to a deviation from this detail. Any variation from this detail shall be approved in advance by Alpine Engineered Products, Inc.



Standard Detail:

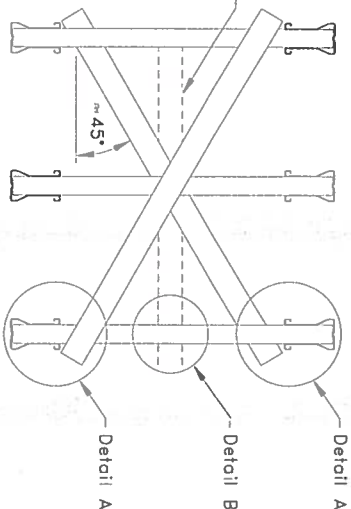
TS001

Date:

02-09-05

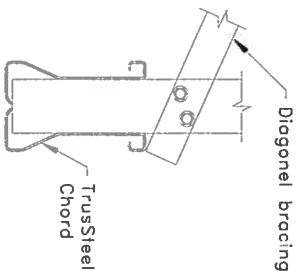
TrusSteel Detail Category:
Truss-To-Truss Connections

Location of Permanent continuous lateral web bracing as specified by the truss design drawing.



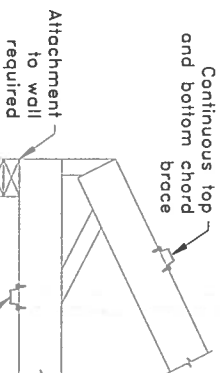
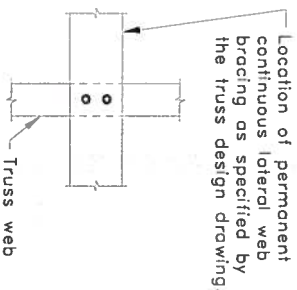
Note: See TrusSteel Detail TS017.

Web Bracing



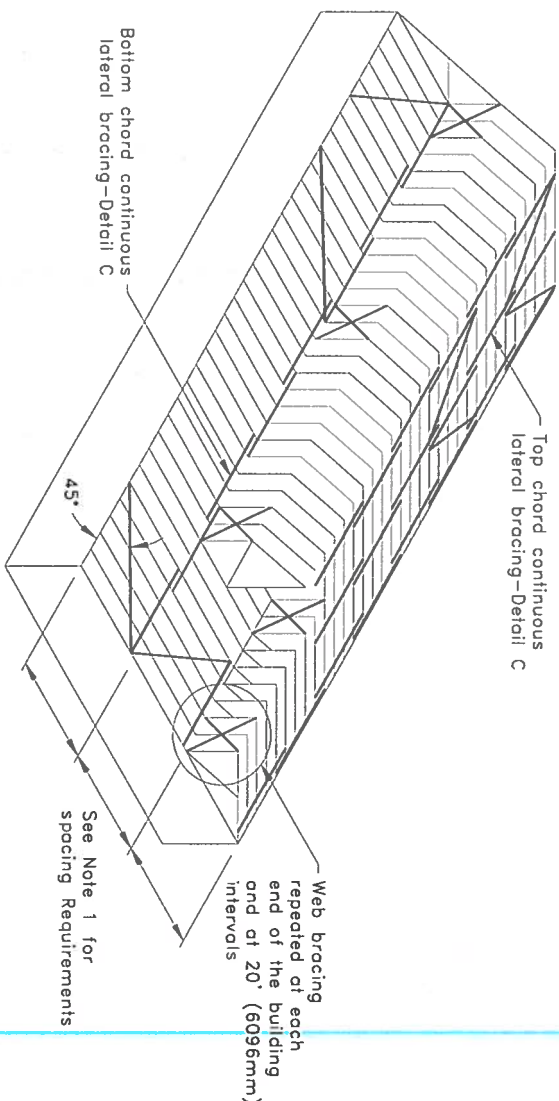
Detail A

Detail B



Detail C

Bottom chord continuous lateral bracing—Detail C



Chord Bracing

General Notes:

- Temporary Bracing** - Trusses require extreme care in fabricating, handling, shipping installing and bracing. Refer to the "Field Installation Guide For Cold-Formed Steel Roof Trusses" published by LGSEA (Light Gauge Steel Engineers Association, 1726 M ST. NW, Suite 601, Washington, DC 20036) for general guidance in safely practices prior to performing these functions. Also, refer to the "Design Guide For Construction Bracing Of Cold-Formed Steel Trusses" technical note 551d, published by LGSEA for additional guidance. Consult a professional engineer if truss span is over 60'(18288mm) or truss spacing is over 48"(1219mm)oc.
- Permanent Bracing** - Permanent bracing systems are to be designed by a professional engineer. Refer to the LGSEA technical note 551e titled, "Design Guide for Permanent Bracing of Cold-formed Steel Trusses" for guidance.
- Bracing and connections are to be designed by a professional engineer.** Alpine recommends the diagonal bracing, top and bottom chord continuous lateral bracing and web continuous lateral bracing to be a minimum of 130F135-33 Furring channel or 362S162-33 Stud material with a minimum of 2-#10 shear metal screws at all connections.
- Warning, do not stand on bracing or use it in any way to support yourself during construction or any other use.
- Intended for use only.



Division of Alpine Engineered Products, Inc.

www.TrusSteel.com

Florida: 1950 Marley Drive / Haines City, FL 33844 / (800) 735-6001
Missouri: 13389 Lakefront Drive / Earth City, MO 63045 / (800) 326-4102
California: 8351 Rovana Circle / Sacramento, CA 95828 / (800) 877-3678

Steel Truss Temporary and Permanent Bracing Guidelines

Alpine Engineered Products, Inc. shall not be responsible for any performance failure in a connection due to a deviation from this detail. Any variation from this detail shall be approved in advance by Alpine Engineered Products, Inc.



Standard Detail:

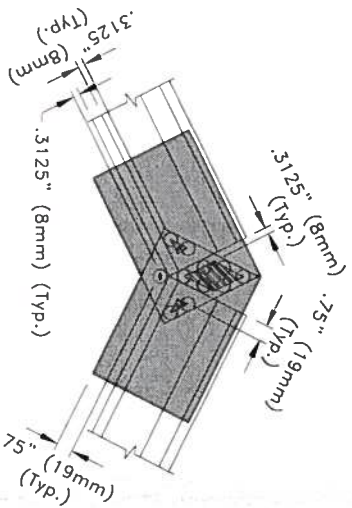
TS015

Date:

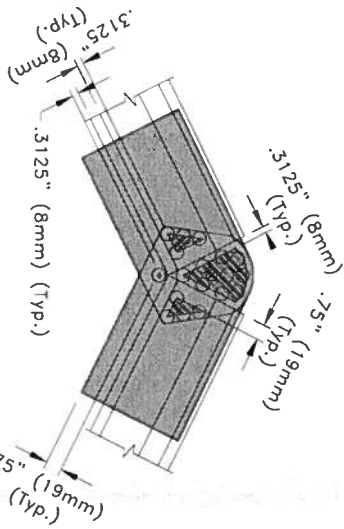
02-09-05

TrusSteel Detail Category:

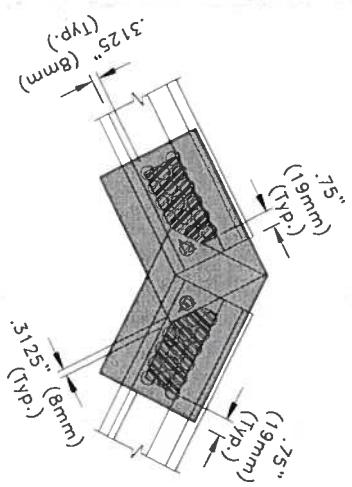
Bracing



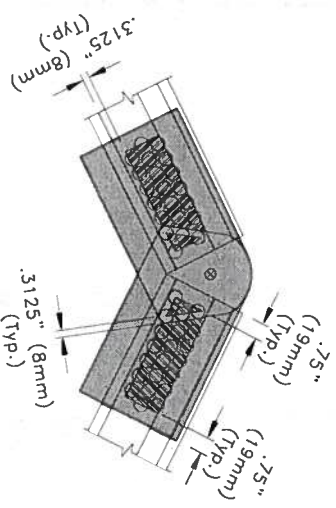
Fasteners Through The Lapped Area
43TSBUC5.0 or 54TSBUC5.0
Bent-U Pitch Break Connector



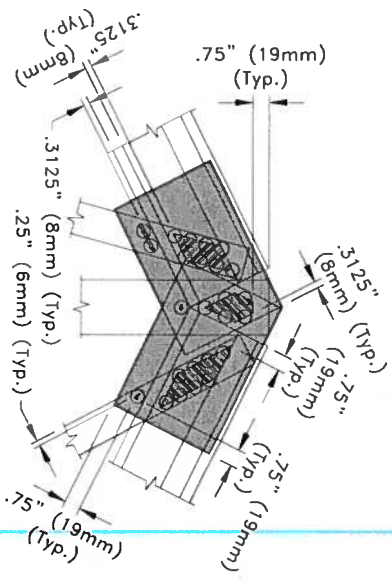
Fasteners Through The Lapped Area
43TSHC5.0K or 54TSHC5.0K
Hinged Pitch Break Connector



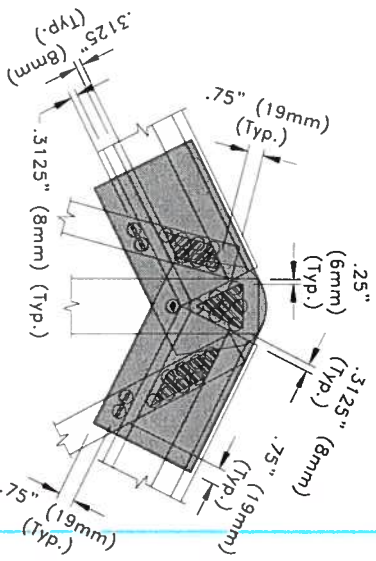
Fasteners Through The Chord Area
43TSBUC5.0 or 54TSBUC5.0
Bent-U Pitch Break Connector



Fasteners Through The Chord Area
43TSHC5.0K or 54TSHC5.0K
Hinged Pitch Break Connector



Fasteners Through The Web Area
43TSBUC5.0 or 54TSBUC5.0
Bent-U Pitch Break Connector



Fasteners Through The Web Area
43TSHC5.0K or 54TSHC5.0K
Hinged Pitch Break Connector

General Notes:

1. Fastener spacing and end distance is 3/4" (19mm) minimum, except as shown.
2. See the sealed truss engineered drawing for required fastener type and quantities for each fastener contact area.
3. Fastener contact areas that coincide with other contact areas may use a common fastener for both areas. This will result in a reduction in the total number of fasteners required at the pitch break joint.
4. = Fastener



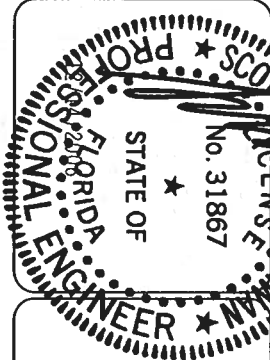
Division of Alpine Engineered Products, Inc.

www.TrusSteel.com

Florida: 1960 Marley Drive / Haines City, FL 33844 / (800) 755-6001
Missouri: 13389 Lakefront Drive / Earth City, MO 63045 / (800) 326-4102
California: 8351 Rovana Circle / Sacramento, CA 95828 / (800) 877-3678

TSC4.00 Pitch Break
Connections

Alpine Engineered Products, Inc. shall not be responsible for any performance failure in a connection due to a deviation from this detail. Any variation from this detail shall be approved in advance by Alpine Engineered Products, Inc.



Standard Detail:

TS016

Date:

02-09-05

TrusSteel Detail Category:

Pitch Break Connections

THIS IS A DANGEROUS CONDITION

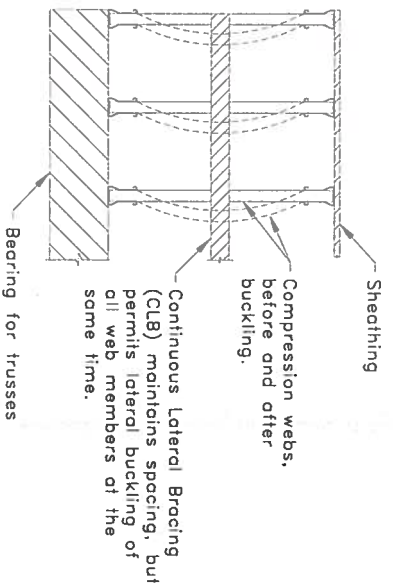


Fig. 1

To prevent this failure, anchor or restrain the lateral bracing!

Use method shown in Fig. 2, 3A & 3B, or another structurally sound method specified by professional engineer.

Fig. 2

Anchorage by Building Designer
(other anchorage provisions for other types of walls).

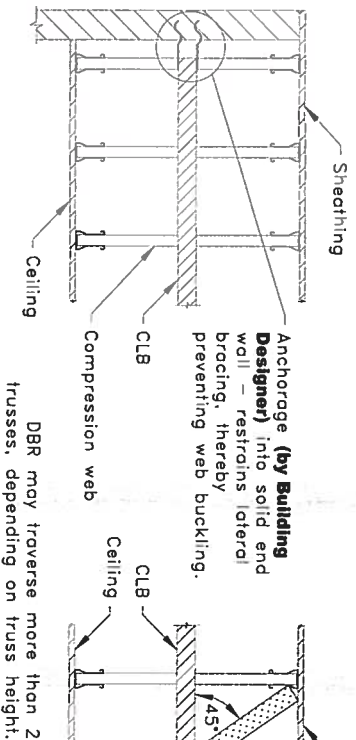


Fig. 3A

Diagonal Brace Restraint (DBR)
within the unit (3A & 3B)

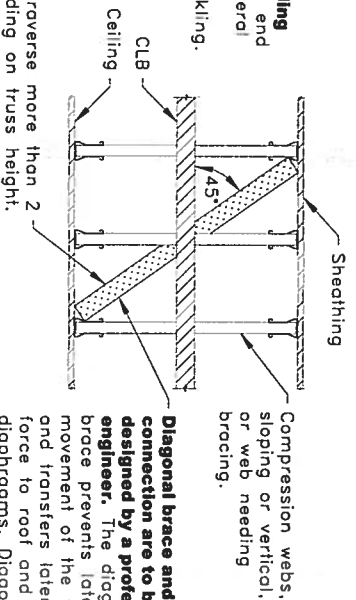
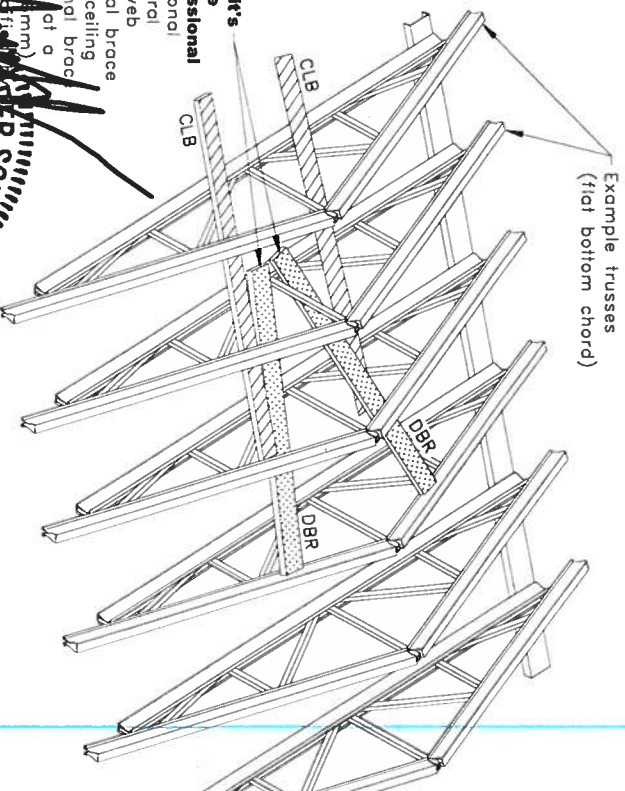


FIG. 3B



Anchorage Or Restraint Of Lateral Bracing

The drawing below shows how to restrain the continuous lateral bracing (CLB - ) needed in trusses (drawing shows example trusses with flat bottom chords). **The diagonal brace restraint (DBR - ) members and its connections are to be designed by a professional engineer.** The ends are attached to top & bottom chords. The diagonal brace may be attached to the CLB or the web opposite the CLB.

NOTE: Truss spacing is 4'0" (1219mm) O.C. maximum.

NOTE: Alpine recommends the CLB is to be 150F125-33 or 362S162-33 or equals. Attach to each web with (2) #10 self drilling sheet metal screws. See drawing TS019 for other details.



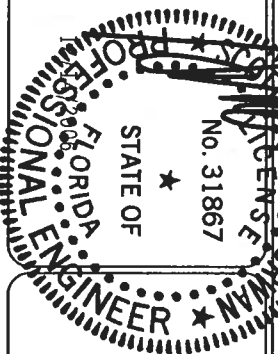
Division of Alpine Engineered Products, Inc.

www.TrusSteel.com

Florida: 1950 Marley Drive / Haines City, FL 33844 / (800) 755-6001
Missouri: 13389 Lakefront Drive / Earth City, MO 63045 / (800) 326-4102
California: 8351 Rovana Circle / Sacramento, CA 95828 / (800) 877-3678

Web CLB Restraint

Alpine Engineered Products, Inc. shall not be responsible for any performance failure in a connection due to a deviation from this detail. Any variation from this detail shall be approved in advance by Alpine Engineered Products, Inc.



Standard Detail:

TS017

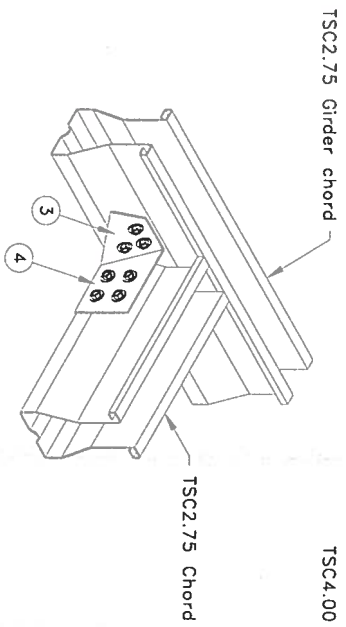
Date:

02-09-05

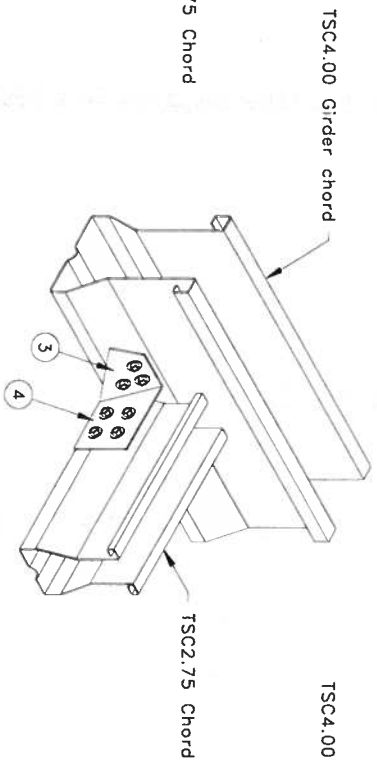
TrusSteel Detail Category:

Bracing

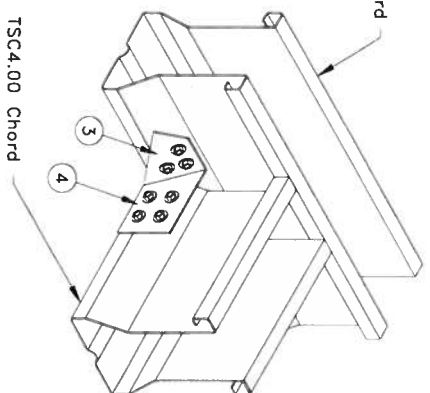
TSJH22



TSJH24



TSJH44



TSJH22 Allowable Load Table

Allowable Load lbs. (kN)	Girder Chord Gauge		
	28TSC 22ga	33TSC 20ga	43TSC 18ga
Down	740 (3.29)	920 (4.09)	1380 (6.14)
Up - Gravity & Wind	680 (3.02)	770 (3.43)	1010 (4.49)

TSJH24 And TSJH44 Allowable Load Table

Allowable Load lbs. (kN)	Girder Chord Gauge			
	28TSC 22ga	33TSC 20ga	43TSC 18ga	54TSC 16ga
Down	920 (4.09)	1140 (5.07)	1350 (6.01)	1360 (6.05)
Up - Gravity & Wind	610 (2.71)	780 (3.47)	1010 (4.49)	1130 (5.03)

- The wind uplift capacities shown above have not been increased by 1.33.

General Notes:

1. Circled numbers represent the quantity of #10 self-drilling sheet metal screws applied through the pre-drilled holes in hanger into the TrusSteel chord. The same quantity of screws is to be applied on the side of the hanger that is not visible.
2. Do not overdrive screws. Overdriven screws may strip out of TrusSteel chord.
3. Hangers may be located anywhere along girder chords.
4. Refer to TrusSteel detail drawings TS023, TS024 or TS024A for multiple member connections for multiple member girders.



Division of Alpine Engineered Products, Inc.

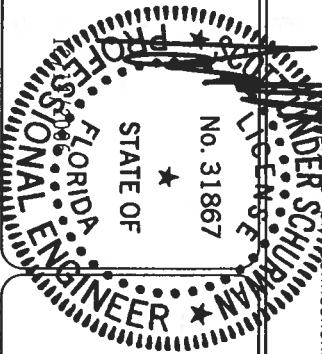
www.TrusSteel.com

Florida: 1950 Marley Drive / Haines City, FL 33844 / (800) 755-6001
Missouri: 13389 Lakewood Drive / Earth City, MO 63045 / (800) 326-4102
California: 8351 Rovana Circle / Sacramento, CA 95828 / (800) 877-3678

TSJH22, TSJH24 And TSJH44

Hanger Application

Alpine Engineered Products, Inc. shall not be responsible for any performance failure in a connection due to a deviation from this detail. Any variation from this detail shall be approved in advance by Alpine Engineered Products, Inc.



Standard Detail:

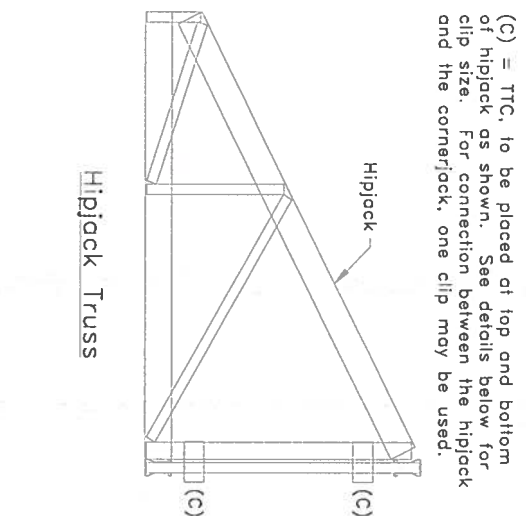
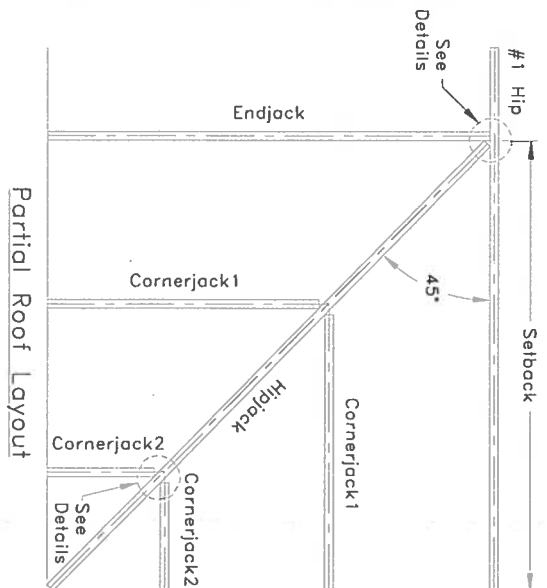
TS022

Date:

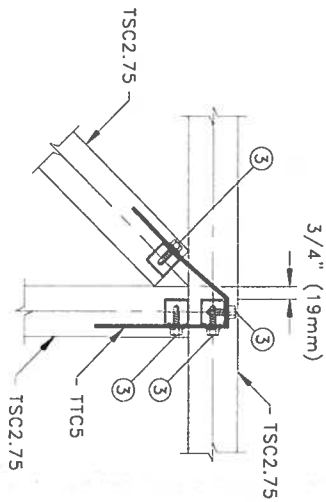
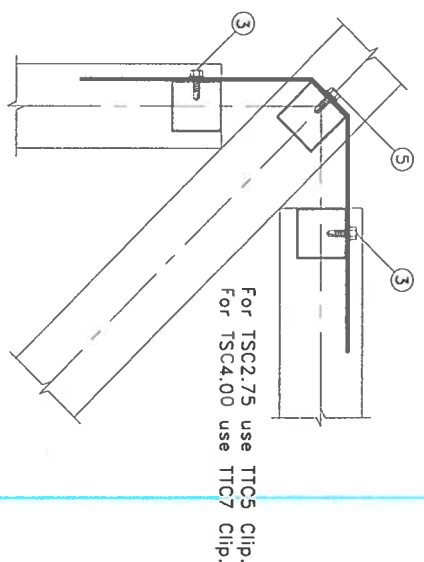
02-09-05

TrusSteel Detail Category:

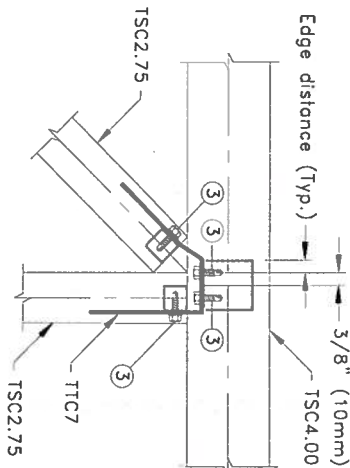
Truss-To-Truss Connections



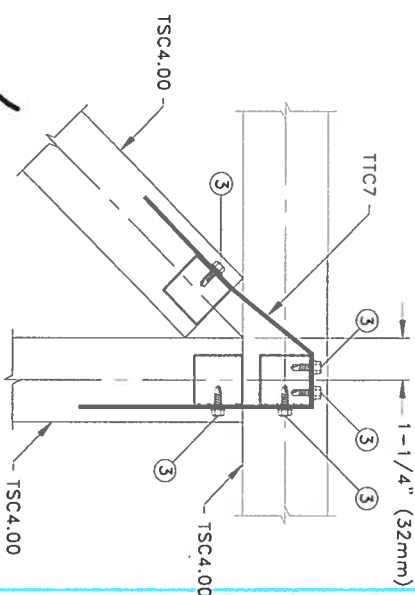
Cornerjack And Hipjack Connection



TSC2.75 Into TSC2.75 Connection



TSC2.75 Into TSC4.00 Connection



TSC4.00 Into TSC4.00 Connection

- General Notes:
1. All edge distances are 0.25" (6mm) maximum.
 2. Minimum reaction for each cornerjack is 500 lbs. (2.22kN). Maximum reaction for endjack and hipjack is 1235 lbs. (5.50kN) each.
 3. (3) represents quantity of #10 self-drilling screws.



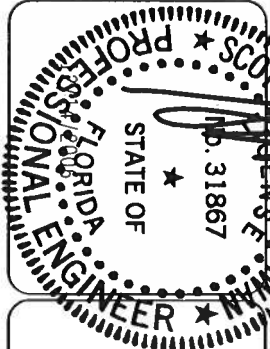
Division of Alpine Engineered Products, Inc.

www.TrusSteel.com

Florida: 1950 Harley Drive / Haines City, FL 33844 / (800) 755-6001
Missouri: 13369 Lakeland Drive / Earth City, MO 63045 / (800) 326-4102
California: 8351 Rovana Circle / Sacramento, CA 95828 / (800) 877-3678

Hipjack, Endjack And Cornerjack Connection Details

Alpine Engineered Products, Inc. shall not be responsible for any performance failure in a connection due to a deviation from this detail. Any variation from this detail shall be approved in advance by Alpine Engineered Products, Inc.

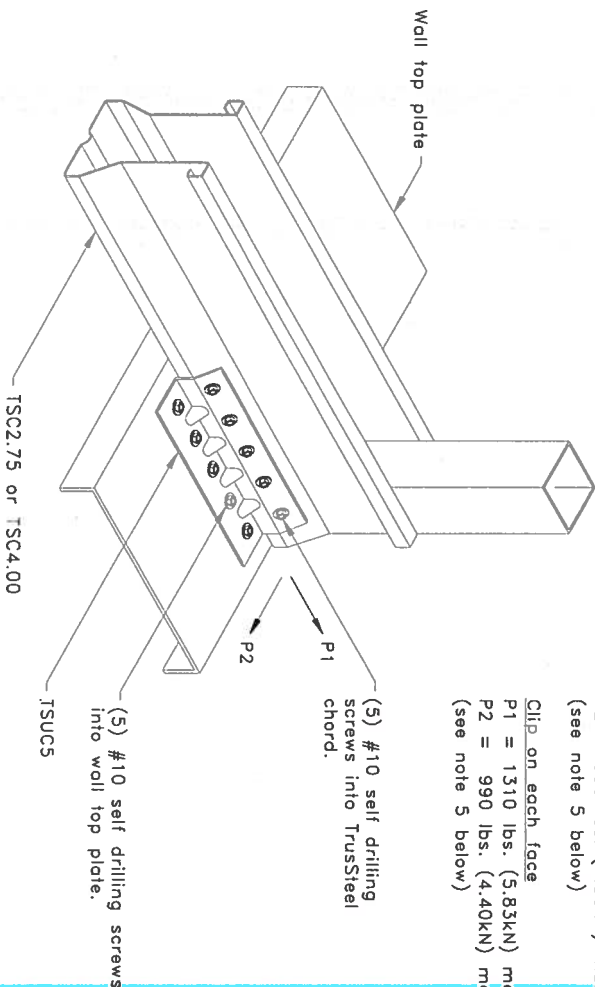
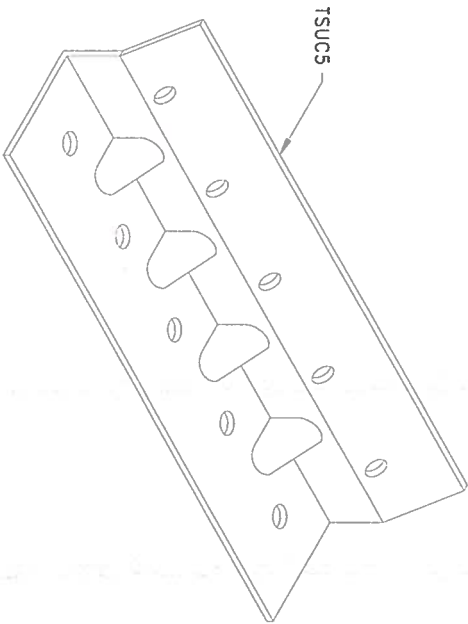


Standard Detail: TS025

Date: 02-09-05

TrusSteel Detail Category: Truss-To-Truss Connections

Total Uplift Capacity lbs. (kN)			
Wall top plate/min. thickness	Clip on one face	Clip on each face	
22g grade 33/0.0269 in. (0.68mm)	290 (1.29)	680 (3.02)	
22g grade 50/0.0269 in. (0.68mm)	400 (1.78)	990 (4.40)	
20g grade 33/0.0328 in. (0.83mm)	350 (1.56)	840 (3.74)	
20g grade 50/0.0328 in. (0.83mm)	400 (1.78)	1210 (5.38)	
18g grade 33/0.0428 in. (1.09mm)	400 (1.78)	1090 (4.85)	
18g grade 50/0.0428 in. (1.09mm)	400 (1.78)	1580 (7.03)	
16g grade 33/0.0538 in. (1.37mm)	400 (1.78)	1370 (6.09)	
16g grade 50/0.0538 in. (1.37mm)	400 (1.78)	1980 (8.81)	
14g grade 33/0.0677 in. (1.72mm)	400 (1.78)	1730 (7.70)	
14g grade 50/0.0677 in. (1.72mm)	400 (1.78)	2050 (9.12)	
12g grade 33/0.0966 in. (2.45mm)	400 (1.78)	2050 (9.12)	
12g grade 50/0.0966 in. (2.45mm)	400 (1.78)	2050 (9.12)	



Allowable Lateral Loads

Clip on one face
P1 = 660 lbs. (2.94kN) max.
P2 = 350 lbs. (1.56kN) max.
(see note 5 below)

Clip on each face
P1 = 1310 lbs. (5.83kN) max.
P2 = 990 lbs. (4.40kN) max.
(see note 5 below)

General Notes:

1. Wall top plate is made of ASTM A653-96 SS grade 33 or grade 50 steel. Top plate width is 6" (152mm) maximum.
2. Attachment of second clip on opposite face of chord is identical to what is detailed.
3. Connection of top plate to wall stud must be capable of transferring truss uplift load from wall top plate to wall stud.
4. The wall top plate is to be designed by the job engineer. The wall top plate must be designed to support the loads applied to it (downward, upward and lateral).
5. Lateral allowable loads (P1 and P2) shown are maximum values. If these loads are in combination with an uplift load, contact an engineer from Alpine Engineered Products, Inc.
6. The allowable loads shown in this detail have not been increased by 1.33



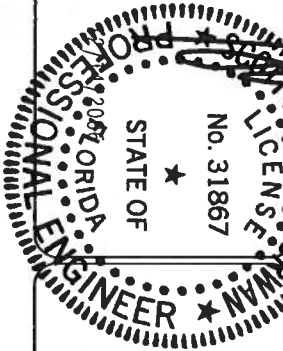
Division of Alpine Engineered Products, Inc.

www.TrusSteel.com

Florida: 1850 Marley Drive / Haines City, FL 33844 / (800) 755-6001
Missouri: 13389 Lakefront Drive / Earth City, MO 63045 / (800) 326-4102
California: 8351 Rovana Circle / Sacramento, CA 95828 / (800) 877-3678

TSUC5 Uplift Attachment To Cold-Formed Steel

Alpine Engineered Products, Inc. shall not be responsible for any performance failure in a connection due to a deviation from this detail. Any variation from this detail shall be approved in advance by Alpine Engineered Products, Inc.



Standard Detail:

TS029

Date:

02-09-05

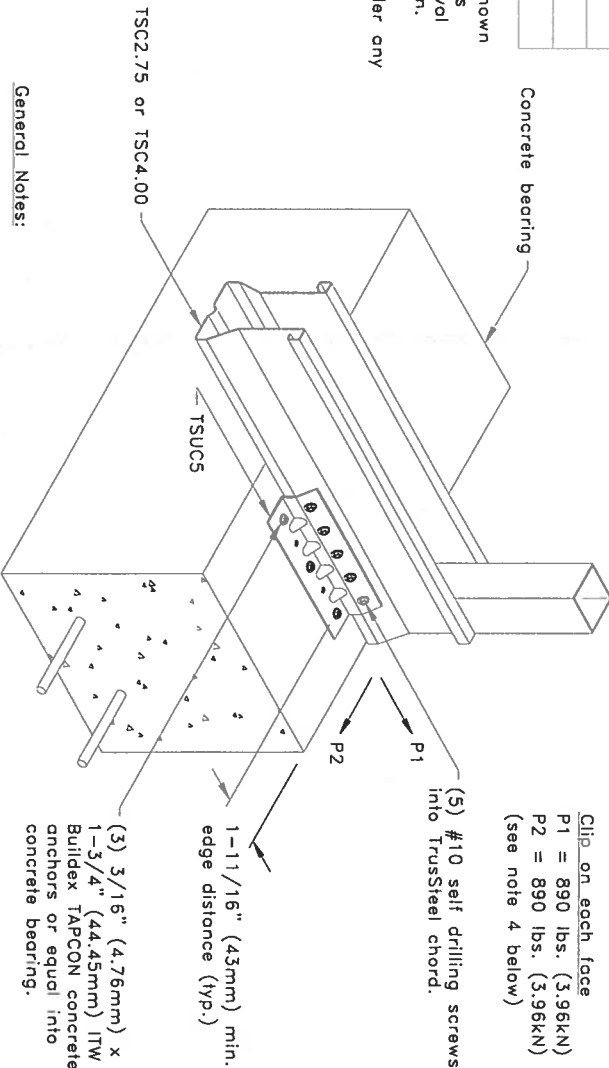
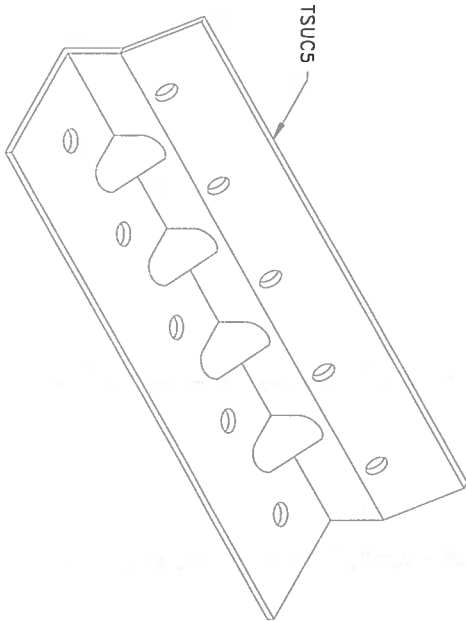
TrusSteel Detail Category:

Truss-To-Bearing; All Other Materials

Total Uplift Capacity lbs. (kN)		
Concrete Strength, f'c psi (MPa)	Clip on one face	Clip on each face
2000 (13.79)	220 (0.98)	500 (2.22)
3000 (20.68)	290 (1.29)*	690 (3.07)
4000 (27.58)	320 (1.42)*	740 (3.29)
5000 (34.47)	350 (1.56)*	830 (3.69)

- The uplift capacities outlined above may be doubled (except as shown with "*") provided a special inspection is performed regarding this connection. Refer to concrete anchors manufacturers code approval and appropriate building code for definition of a special inspection.

- * These uplift allowances are not to exceed 400 lbs. (1.78kN) under any circumstance.



Allowable Lateral Loads

Clip on one face
P1 = 440 lbs. (1.96kN) max.
P2 = 350 lbs. (1.56kN) max.
(see note 4 below)

Clip on each face
P1 = 890 lbs. (3.96kN) max.
P2 = 890 lbs. (3.96kN) max.
(see note 4 below)

(3) 3/16" (4.76mm) x 1-3/4" (44.45mm) ITW Buildex TAPCON concrete anchors or equal into concrete bearing.

General Notes:

1. Attachment of second clip on opposite face of chord is identical to what is detailed.
2. TAPCON concrete anchor spacing is 2" (51mm) minimum. Fill outside holes and middle hole of TSUC5 clip.
3. Refer to manufacturers specification regarding proper installation of anchor.
4. Lateral allowable loads (P1, P2) shown are maximum values. If these loads are in combination with an uplift load, contact an Alpine Engineered Products, Inc. engineer or refer to the concrete anchor manufacturers code approval.
5. Concrete anchor is not to be installed until concrete has reached the specified design strength.
6. Reference manufacturers code approval for other concrete anchors.
7. The allowable loads outlined above have not been increased by 1.35



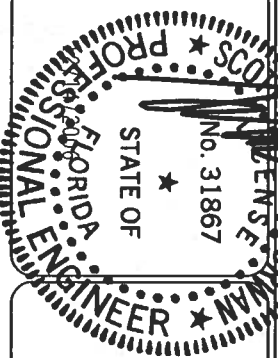
Division of Alpine Engineered Products, Inc.

www.TrusSteel.com

Florida: 1950 Marley Drive / Haines City, FL 33844 / (800) 755-6001
Missouri: 13389 Lakefront Drive / Earth City, MO 63045 / (800) 326-4102
California: 8351 Rovana Circle / Sacramento, CA 95828 / (800) 877-3678

TSUC5 Uplift Attachment To Concrete

Alpine Engineered Products, Inc. shall not be responsible for any performance failure in a connection due to a deviation from this detail. Any variation from this detail shall be approved in advance by Alpine Engineered Products, Inc.



Standard Detail:

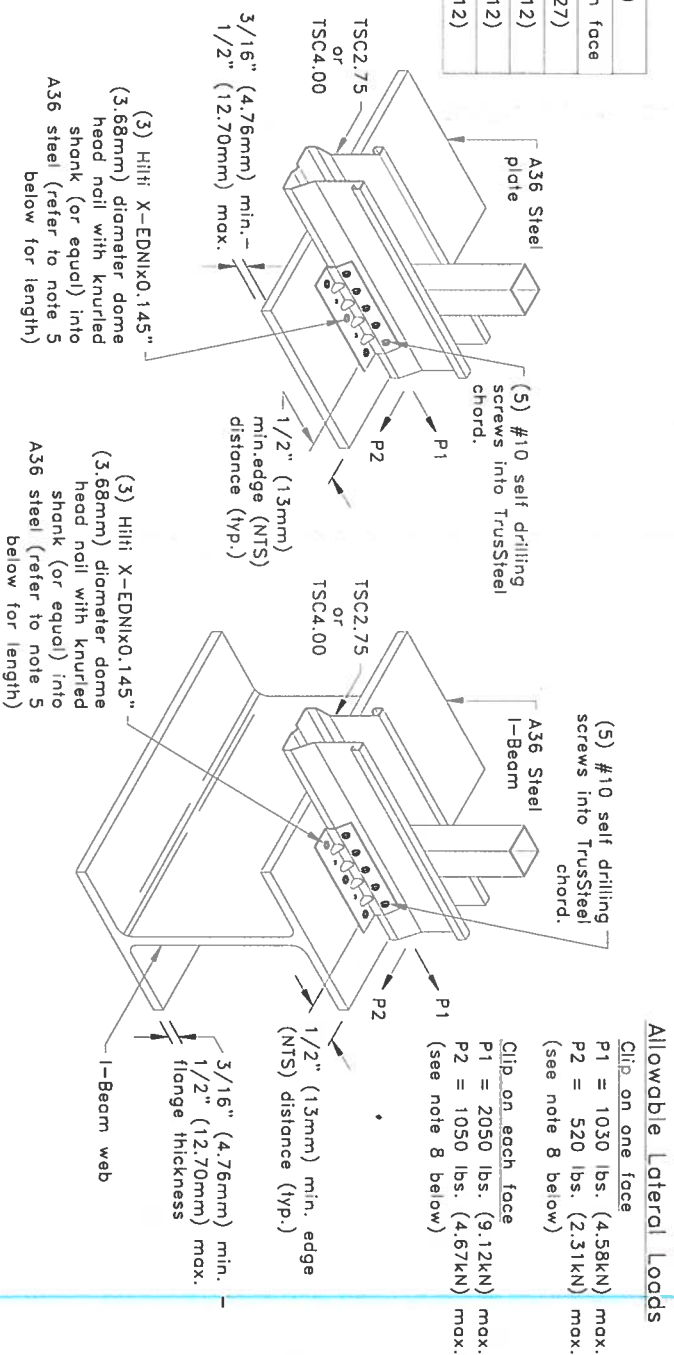
TS031

Date:

02-09-05

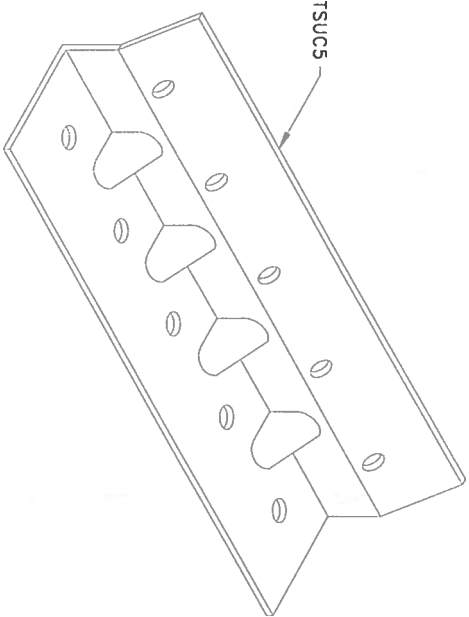
TrusSteel Detail Category:
Truss-To-Bearing, Concrete

Total Uplift Capacity From Any Loads lbs. (kN)		
Steel thickness	Clip on one face	Clip on each face
3/16" (4.76mm)	400 (1.78)	1410 (6.27)
1/4" (6.35mm)	400 (1.78)	2050 (9.12)
3/8" (9.53mm)	400 (1.78)	2050 (9.12)
1/2" (12.70mm)	400 (1.78)	2050 (9.12)



General Notes:

1. Attachment of second clip on opposite face of chord is identical to what is detailed.
2. Install pins in the two outside holes and the middle hole of TSUC5 clip. Pin spacing is 1-1/2" (38mm) minimum.
3. Pins must be driven through existing holes in TSUC5 clip and be driven perpendicular to steel surface.
4. Care must be taken to insure pins are not overdriven. Pins that are overdriven may puncture surface of TSUC5 clip causing damage. If TSUC5 clip is damaged, the connection will not carry any load.
5. Pin length must be long enough to insure the tip penetrates completely through the steel.
6. Do not install pins into area of beam flange directly above beam web.
7. Refer to manufacturers specification and code approval regarding proper installation of anchor.
8. Lateral allowable loads (P1, P2) shown are maximum values. If these loads are in combination with an uplift load, contact an Alpine Engineered Products, Inc. engineer or refer to the pin manufacturers code approval.
9. Reference manufacturers code approval for pin manufacturers pins.
10. The allowable loads outlined in this detail shall be approved in advance by Alpine Engineered Products, Inc.



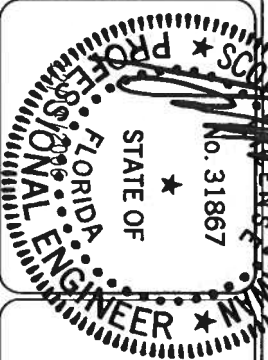
Division of Alpine Engineered Products, Inc.

www.TrusSteel.com

Florida: 1950 Marley Drive / Haines City, FL 33844 / (800) 755-6001
Missouri: 13389 Lakefront Drive / Earth City, MO 63045 / (800) 326-4102
California: 8351 Rovana Circle / Sacramento, CA 95828 / (800) 877-3678

TSUC5 Uplift Attachment To A36 Steel Using Pins

Alpine Engineered Products, Inc. shall not be responsible for any performance failure in a connection due to a deviation from this detail. Any variation from this detail shall be approved in advance by Alpine Engineered Products, Inc.



Standard Detail:

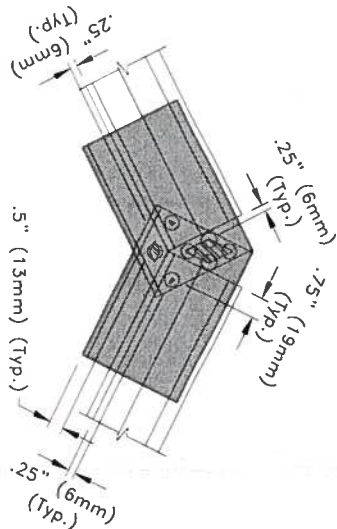
TS040

Date:

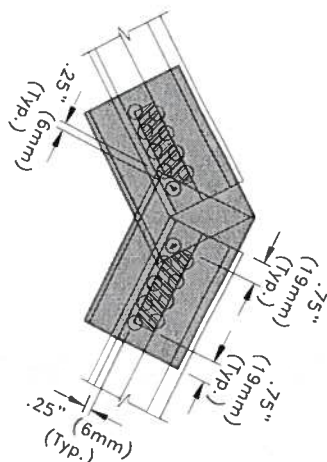
02-09-05

TrusSteel Detail Category:

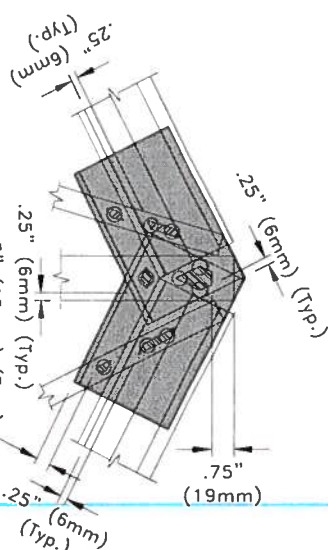
Truss-To-Bearing: All Other Materials



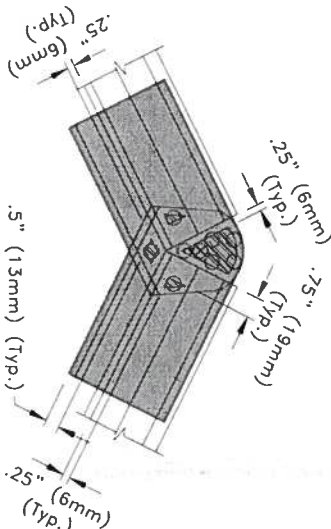
Fasteners Through The Lapped Area
33TSBUC3.5 or 43TSBUC3.5
Bent-U Pitch Break Connector



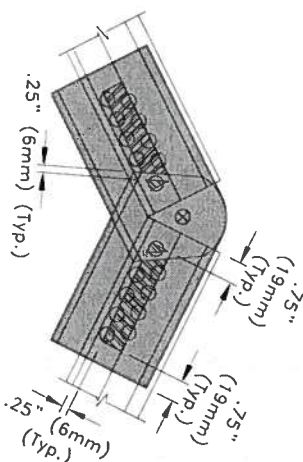
Fasteners Through The Chord Area
33TSBUC3.5 or 43TSBUC3.5
Bent-U Pitch Break Connector



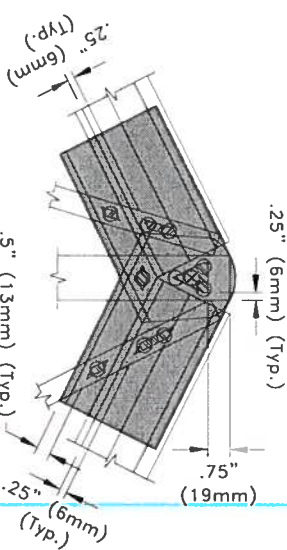
Fasteners Through The Web Area
33TSBUC3.5 or 43TSBUC3.5
Bent-U Pitch Break Connector



Fasteners Through The Lapped Area
33TSHC3.5K or 43TSHC3.5K
Hinged Pitch Break Connector



Fasteners Through The Chord Area
33TSHC3.5K or 43TSHC3.5K
Hinged Pitch Break Connector



Fasteners Through The Web Area
33TSHC3.5K or 43TSHC3.5K
Hinged Pitch Break Connector

General Notes:

1. Fastener spacing and end distance is 3/4" (19mm) minimum, except as shown.
2. See the sealed truss engineered drawing for required fastener type and quantities for each fastener contact area.
3. Fastener contact areas coincide with other contact areas may use a common fastener for both areas. This will result in a reduction in the total number of fasteners required at the pitch break joint.
4.  = Fastener



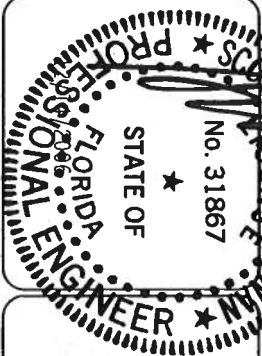
Division of Alpine Engineered Products, Inc.

www.TrusSteel.com

Florida: 1950 Marley Drive / Haines City, FL 33844 / (800) 755-6001
Missouri: 13389 Lakefront Drive / Earth City, MO 63045 / (800) 326-4102
California: 8351 Rovana Circle / Sacramento, CA 95828 / (800) 877-3678

TSC2.75 Pitch
Break Connections

Alpine Engineered Products, Inc. shall not be responsible for any performance failure in a connection due to a deviation from this detail. Any variation from this detail shall be approved in advance by Alpine Engineered Products, Inc.



Standard Detail:

TS004

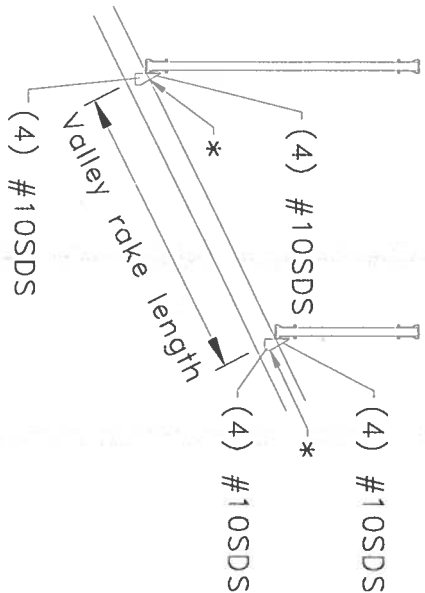
Date:

02-09-05

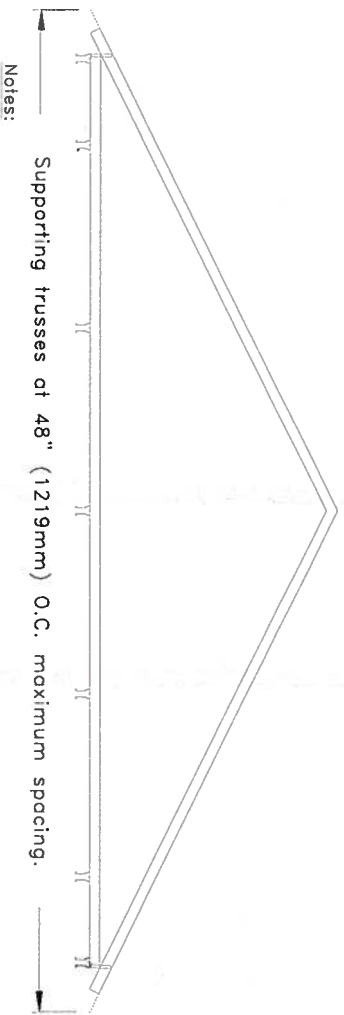
TrusSteel Detail Category:

Pitch Break Connections

Valley Connection Detail



- Notes:
- * Attach each valley member to each supporting truss with (1) Simpson S/H2.5A (or equal). Attach to valley truss and supporting truss with (4) #10SDS (See detail).
 - Refer to TS026A and TS026B for valley connection to structural sheathing



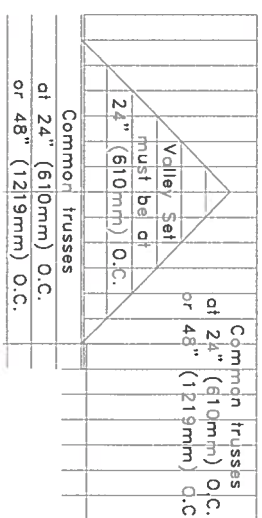
- Notes:
- Refer to sealed engineering drawings for valley designs.
 - Bottom Chord panel point not to exceed 4' (1219mm) o.c.
 - Webbing to be determined by the valley truss analysis

Supporting Truss Top Chord Brocing

Truss top chords under valley set must have sheathing attached to them with fasteners spaced per code requirements.
Or

Use 150F125-33 continuous lateral braces at 24" (610mm) O.C. maximum, lateral braces are to be attached to truss top chords with (2) #10 self-drilling screws. Lateral braces must extend to and be attached to the first truss that has sheathing directly attached to the top chord. Properly attached valley trusses may be used in lieu of purlins.

Note: This option may only be used if the top chord of the supporting truss has been designed with purlins of the rake length between valley trusses as shown in the detail to the left.



Partial Framing Plan

- General Notes:
- SDS = self-drilling screw.
 - Valley trusses are to be spaced at 24" (610mm) O.C.
 - Uplift connection based on 110 MPH (49 m/s) wind speed, ASCE 7-02, 30' (9144mm) Mean height, closed building, Category II, Exp C, $K_z=1.0$, and a minimum 5 PSF (0.24 kN/m²) top chord dead load (or 150 MPH (67 m/s) if note 4 is followed).
 - For a 150 MPH (67 m/s) wind speed the following must be met:
 - A minimum of 2 fasteners are to be applied at each chord to web joint
 - Use (2) Simpson S/H2.5A (or equal) for each connection.
 - Top chord live load is 30 PSF (1.44 kN/m²), top chord dead load is 15 PSF (0.72 kN/m²), bottom chord dead load is 10 PSF (0.48 kN/m²) and total load is 55 PSF (2.64 kN/m²).



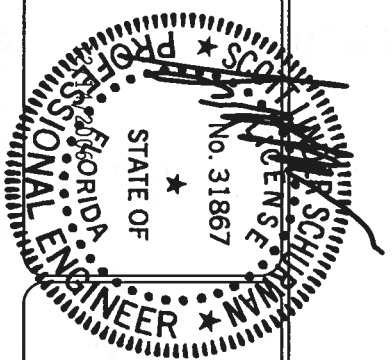
Division of Alpine Engineered Products, Inc.

www.TrusSteel.com

Florida: 1850 Marley Drive / Haines City, FL 33844 / (800) 755-6001
Missouri: 13389 Lakefront Drive / Earth City, MO 63045 / (800) 326-4102
California: 8351 Rovana Circle / Sacramento, CA 95828 / (800) 877-3678

TrusSteel Valley Connection
to Base Truss

Alpine Engineered Products, Inc. shall not be responsible for any performance failure in a connection due to a deviation from this detail. Any variation from this detail shall be approved in advance by Alpine Engineered Products, Inc.



Standard Detail:

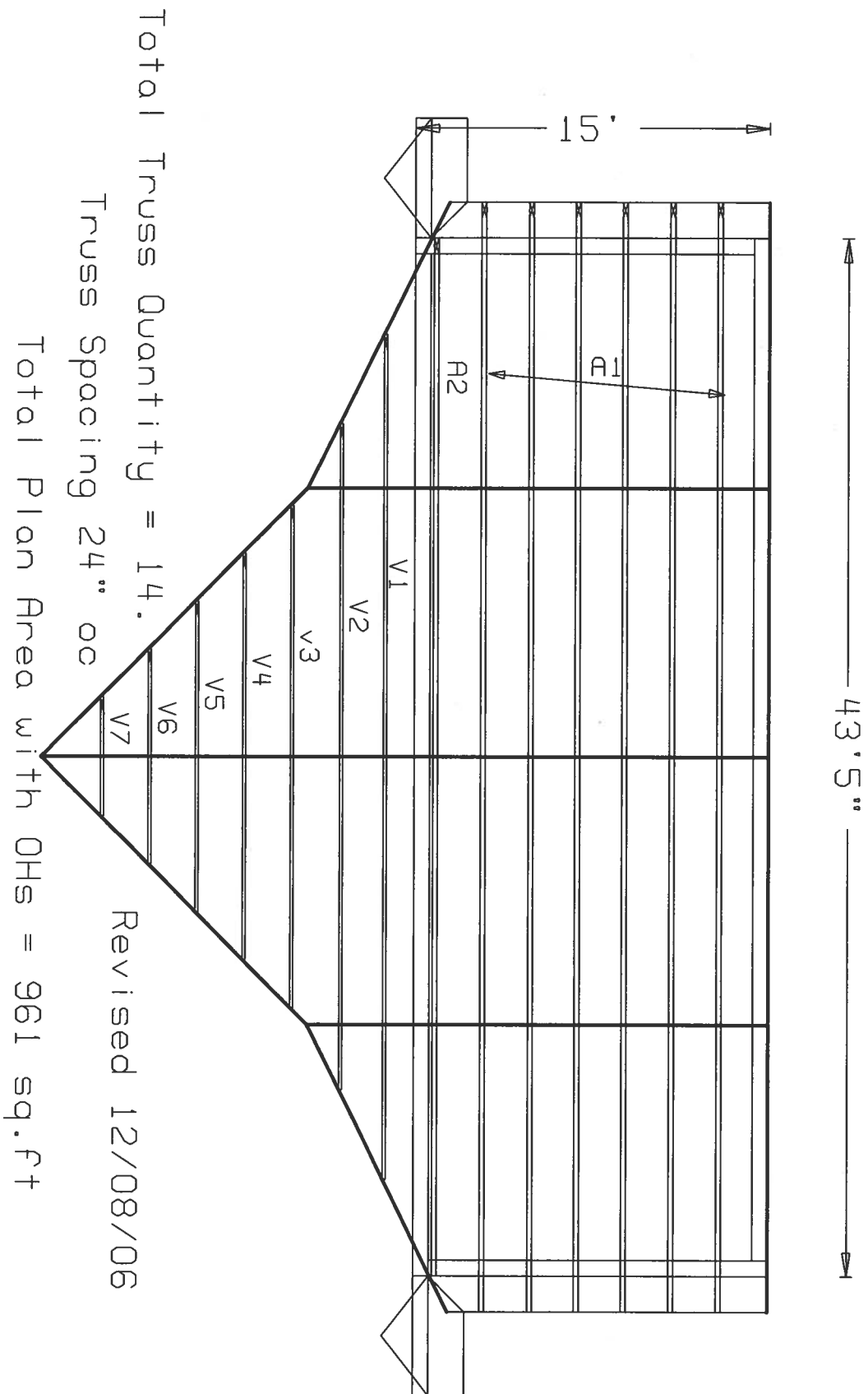
TS026

Date:

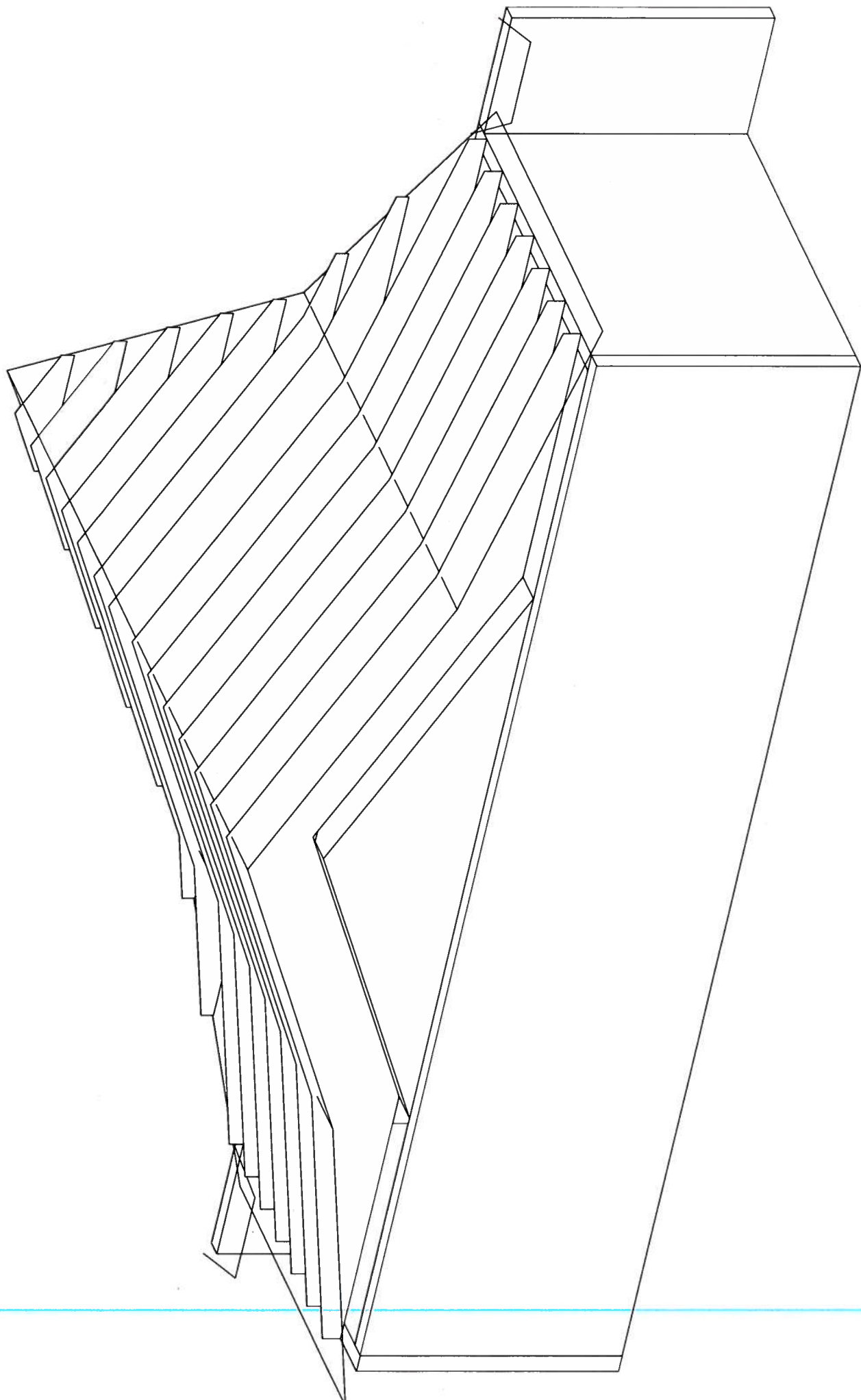
02-09-05

TrusSteel Detail Category:

Valley Set



JOB NO: StringRes	DESIGNED BY:	JOB DESCRIPTION: Stringfellow Residence	JOB LOCATION: Columbia County, Fl.
PAGE NO: 1 OF 1			



-----Bearings----- [X-Loc][React][Size] -----
[0.97][378][-39h][3.06]

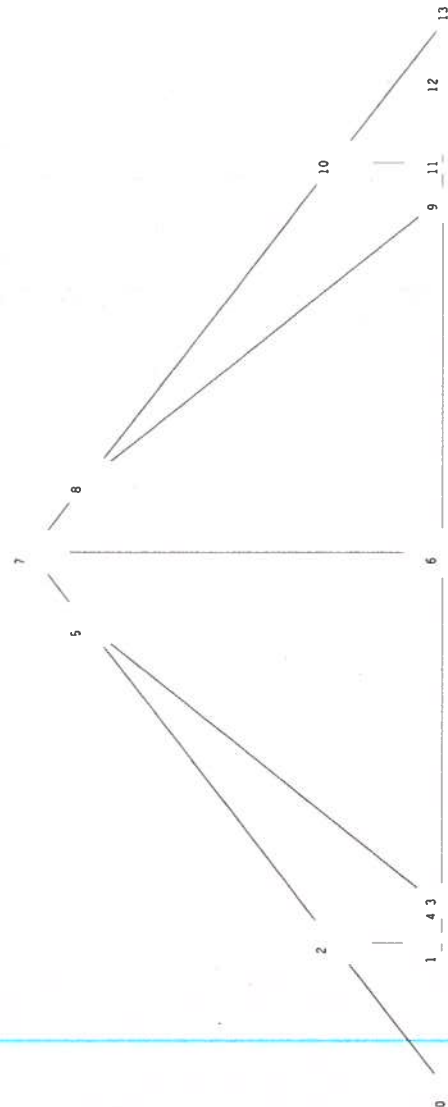
EndPts	MaxT	MaxC	AXL	BND	SHR	CRIP	CSI	COMB	GLC	Length	Grade	Brace
0-2	17	-0.00	0.04	0.03	0.00	0.04	SB	14	7.94	28TSC2.75	Diaph	
2-5	55	-23.01	0.04	0.01	0.00	0.04	AB	16	16.41	28TSC2.75	Diaph	
5-7	78	-17.01	0.02	0.02	0.00	0.03	AB	15	3.71	28TSC2.75	Diaph	
7-8	79	-17.02	0.02	0.02	0.00	0.03	AB	15	3.71	28TSC2.75	Diaph	
8-10	72	-23.01	0.04	0.03	0.00	0.05	AB	15	16.41	28TSC2.75	Diaph	
10-13	17	-0.00	0.04	0.03	0.00	0.04	SB	15	7.94	28TSC2.75	Diaph	
1-3	0	-0.00	0.00	0.00	0.00	0.00	SB	1	0.38	28TSC2.75	@ 37"	
3-4	39	-23.00	0.01	0.01	0.00	0.01	SB	1	1.63	28TSC2.75	@ 2"	
4-6	25	-12.00	0.01	0.01	0.00	0.02	AB	1	16.36	28TSC2.75	@ 16"	
6-9	25	-12.00	0.01	0.01	0.00	0.02	AB	1	16.36	28TSC2.75	@ 16"	
9-11	0	0.00	0.01	0.01	0.00	0.01	SB	1	1.63	28TSC2.75	@ 2"	
11-12	0	-0.00	0.00	0.00	0.00	0.00	SB	1	0.38	28TSC2.75	@ 37"	

EndPts	MaxT	MaxC	AXL	BND	SHR	CRIP	CSI	COMB	GLC	Length	Grade	Brace
2-3	104	-89.08	0.00	0.00	0.00	0.04	AB	1	3.25	33W.75x.75		
4-5	22	-27.02	0.00	0.00	0.00	0.01	AB	1	16.80	33W.75x.75		
6-7	2	-43.02	0.00	0.00	0.00	0.02	AB	1	12.24	33W.75x.75		
8-9	15	-33.02	0.00	0.00	0.00	0.02	AB	1	16.80	33W.75x.75		
10-11	140	-89.01	0.00	0.00	0.00	0.05	AB	1	3.25	33W.75x.75		

Node	X-Loc	Y-Loc	deflY(L)	deflY(T)	dxL	dxT	MaxShear	GLC
0	0.41	17.53	0.00 L/999	0.00 L/999	0.00	0.00	0	14
1	0.97	17.55	0.00 L/999	0.00 L/999	0.00	0.00	-0	1
2	1.00	17.82	0.00 L/999	0.00 L/999	0.00	0.00	-63	14
3	1.00	17.55	0.00 L/999	0.00 L/999	0.00	0.00	27	1
4	1.14	17.55	0.00 L/999	0.00 L/999	0.00	0.00	32	1
5	2.23	18.43	0.00 L/999	0.00 L/999	0.00	0.00	-26	15
6	2.50	17.55	0.00 L/999	0.00 L/999	0.00	0.00	30	1
7	2.50	18.57	0.00 L/ 0	0.00 L/ 0	0.00	0.00	-40	15
8	2.78	18.43	0.00 L/999	0.00 L/999	0.00	0.00	24	14
9	3.87	17.55	0.00 L/999	0.00 L/999	0.00	0.00	-32	1
10	4.00	17.82	0.00 L/999	0.00 L/999	0.00	0.00	63	15
11	4.00	17.55	0.00 L/999	0.00 L/999	0.00	0.00	-27	1
12	4.03	17.55	0.00 L/999	0.00 L/999	0.00	0.00	0	2
13	4.59	17.53	0.00 L/999	0.00 L/999	0.00	0.00	0	15

2.0	[STD.AUTO.LOAD][OC 24.00][ASI 1.00][NM 1]		
60 PLF @ 0.4 to	60 @ 4.6 [y-21.7][67%]		
4 PLF @ 0.4 to	4 @ 1.0 [y-12.4][0%]		
40 PLF @ 1.0 to	40 @ 4.0 [y-12.4][50%]		
4 PLF @ 4.0 to	4 @ 4.6 [y-12.4][0%]		
Brg. # 1 Vert.R=	378.0 # Hor.R=	0.0 #	
[MMFRS ASCE Perp/L+][OC 24.00][ASI 1.00][NM 1]			
-4 PLF @ 1.0 to	-4 @ 2.5 L [y-18.6][100%]		
-2 PLF @ 0.4 to	-2 @ 1.0 L [y-17.9][100%]		
-21 PLF @ 2.5 to	-21 @ 4.0 R [y-17.9][100%]		
-16 PLF @ 4.0 to	-16 @ 4.6 R [y-17.6][100%]		
11 PLF @ 0.4 to	11 @ 1.0 [y-21.7][0%]		
11 PLF @ 1.0 to	11 @ 4.0 [y-21.7][0%]		
11 PLF @ 4.0 to	11 @ 4.6 [y-21.7][0%]		
10 PLF @ 1.0 to	10 @ 4.0 [y-12.4][0%]		
Brg. # 1 Vert.R=	44.3 # Hor.R=	-23.3 #	
[MMFRS ASCE Perp/L-][OC 24.00][ASI 1.00][NM 1]			
7 PLF @ 1.0 to	7 @ 2.5 L [y-18.6][100%]		
22 PLF @ 0.4 to	22 @ 1.0 L [y-17.9][100%]		
-10 PLF @ 2.5 to	-10 @ 4.0 R [y-17.9][100%]		
-16 PLF @ 4.0 to	-16 @ 4.6 R [y-17.6][100%]		
11 PLF @ 0.4 to	11 @ 1.0 [y-21.7][0%]		
11 PLF @ 1.0 to	11 @ 4.0 [y-21.7][0%]		
11 PLF @ 4.0 to	11 @ 4.6 [y-21.7][0%]		
10 PLF @ 1.0 to	10 @ 4.0 [y-12.4][0%]		
Brg. # 1 Vert.R=	76.8 # Hor.R=	-23.3 #	
[MMFRS ASCE Perp/L+][OC 24.00][ASI 1.00][NM 1]			
-17 PLF @ 1.0 to	-17 @ 2.5 L [y-18.6][100%]		
-32 PLF @ 0.4 to	-32 @ 1.0 L [y-17.9][100%]		
-10 PLF @ 2.5 to	-10 @ 4.0 R [y-17.9][100%]		
-16 PLF @ 4.0 to	-16 @ 4.6 R [y-17.6][100%]		
11 PLF @ 0.4 to	11 @ 1.0 [y-21.7][0%]		
11 PLF @ 1.0 to	11 @ 4.0 [y-21.7][0%]		
11 PLF @ 4.0 to	11 @ 4.6 [y-21.7][0%]		
10 PLF @ 1.0 to	10 @ 4.0 [y-12.4][0%]		
Brg. # 1 Vert.R=	-5.4 # Hor.R=	1.5 #	
[MMFRS ASCE Perp/L-][OC 24.00][ASI 1.00][NM 1]			
-6 PLF @ 1.0 to	-6 @ 2.5 L [y-18.6][100%]		
-32 PLF @ 0.4 to	-32 @ 1.0 L [y-17.9][100%]		
-10 PLF @ 2.5 to	-10 @ 4.0 R [y-17.9][100%]		
-16 PLF @ 4.0 to	-16 @ 4.6 R [y-17.6][100%]		
11 PLF @ 0.4 to	11 @ 1.0 [y-21.7][0%]		
11 PLF @ 1.0 to	11 @ 4.0 [y-21.7][0%]		
11 PLF @ 4.0 to	11 @ 4.6 [y-21.7][0%]		
10 PLF @ 1.0 to	10 @ 4.0 [y-12.4][0%]		
Brg. # 1 Vert.R=	27.1 # Hor.R=	1.5 #	
[MMFRS ASCE Perp/R+][OC 24.00][ASI 1.00][NM 1]			
-21 PLF @ 1.0 to	-21 @ 2.5 L [y-18.6][100%]		
-16 PLF @ 0.4 to	-16 @ 1.0 L [y-17.9][100%]		
-4 PLF @ 2.5 to	-4 @ 4.0 R [y-17.9][100%]		
22 PLF @ 4.0 to	22 @ 4.6 R [y-17.6][100%]		
11 PLF @ 0.4 to	11 @ 1.0 [y-21.7][0%]		
11 PLF @ 1.0 to	11 @ 4.0 [y-21.7][0%]		
11 PLF @ 4.0 to	11 @ 4.6 [y-21.7][0%]		
10 PLF @ 1.0 to	10 @ 4.0 [y-12.4][0%]		
Brg. # 1 Vert.R=	44.3 # Hor.R=	23.3 #	
[MMFRS ASCE Perp/R-][OC 24.00][ASI 1.00][NM 1]			
-10 PLF @ 1.0 to	-10 @ 2.5 L [y-18.6][100%]		
-16 PLF @ 0.4 to	-16 @ 1.0 L [y-17.9][100%]		
-6 PLF @ 2.5 to	-6 @ 4.0 R [y-17.9][100%]		
-32 PLF @ 4.0 to	-32 @ 4.6 R [y-17.6][100%]		
11 PLF @ 0.4 to	11 @ 1.0 [y-21.7][0%]		
11 PLF @ 1.0 to	11 @ 4.0 [y-21.7][0%]		
11 PLF @ 4.0 to	11 @ 4.6 [y-21.7][0%]		
10 PLF @ 1.0 to	10 @ 4.0 [y-12.4][0%]		
Brg. # 1 Vert.R=	-5.4 # Hor.R=	-1.5 #	
[MMFRS ASCE Perp/R+][OC 24.00][ASI 1.00][NM 1]			
-10 PLF @ 1.0 to	-10 @ 2.5 L [y-18.6][100%]		
-16 PLF @ 0.4 to	-16 @ 1.0 L [y-17.9][100%]		
-17 PLF @ 2.5 to	-17 @ 4.0 R [y-17.9][100%]		
-32 PLF @ 4.0 to	-32 @ 4.6 R [y-17.6][100%]		
11 PLF @ 0.4 to	11 @ 1.0 [y-21.7][0%]		
11 PLF @ 1.0 to	11 @ 4.0 [y-21.7][0%]		
11 PLF @ 4.0 to	11 @ 4.6 [y-21.7][0%]		
10 PLF @ 1.0 to	10 @ 4.0 [y-12.4][0%]		
Brg. # 1 Vert.R=	27.1 # Hor.R=	-1.5 #	
[MMFRS ASCE Perp/R-][OC 24.00][ASI 1.00][NM 1]			
-10 PLF @ 1.0 to	-10 @ 2.5 L [y-18.6][100%]		
-16 PLF @ 0.4 to	-16 @ 1.0 L [y-17.9][100%]		
-6 PLF @ 2.5 to	-6 @ 4.0 R [y-17.9][100%]		
-32 PLF @ 4.0 to	-32 @ 4.6 R [y-17.6][100%]		
11 PLF @ 0.4 to	11 @ 1.0 [y-21.7][0%]		
11 PLF @ 1.0 to	11 @ 4.0 [y-21.7][0%]		
11 PLF @ 4.0 to	11 @ 4.6 [y-21.7][0%]		
10 PLF @ 1.0 to	10 @ 4.0 [y-12.4][0%]		
Brg. # 1 Vert.R=	27.1 # Hor.R=	-1.5 #	
[MMFRS ASCE Par1+][OC 24.00][ASI 1.00][NM 1]			
-39 PLF @ 1.0 to	-39 @ 2.5 L [y-18.6][100%]		
-34 PLF @ 0.4 to	-34 @ 1.0 L [y-17.9][100%]		
-39 PLF @ 2.5 to	-39 @ 4.0 R [y-17.9][100%]		
-34 PLF @ 4.0 to	-34 @ 4.6 R [y-17.6][100%]		
11 PLF @ 0.4 to	11 @ 1.0 [y-21.7][0%]		
11 PLF @ 1.0 to	11 @ 4.0 [y-21.7][0%]		
11 PLF @ 4.0 to	11 @ 4.6 [y-21.7][0%]		
10 PLF @ 1.0 to	10 @ 4.0 [y-12.4][0%]		
Brg. # 1 Vert.R=	-76.4 # Hor.R=	0.0 #	
[MMFRS ASCE Par1-][OC 24.00][ASI 1.00][NM 1]			
-28 PLF @ 1.0 to	-28 @ 2.5 L [y-18.6][100%]		
-34 PLF @ 0.4 to	-34 @ 1.0 L [y-17.9][100%]		
-28 PLF @ 2.5 to	-28 @ 4.0 R [y-17.9][100%]		
-34 PLF @ 4.0 to	-34 @ 4.6 R [y-17.6][100%]		
11 PLF @ 0.4 to	11 @ 1.0 [y-21.7][0%]		
11 PLF @ 1.0 to	11 @ 4.0 [y-21.7][0%]		
11 PLF @ 4.0 to	11 @ 4.6 [y-21.7][0%]		
10 PLF @ 1.0 to	10 @ 4.0 [y-12.4][0%]		
Brg. # 1 Vert.R=	-43.9 # Hor.R=	-0.0 #	
[MMFRS ASCE Par1+][OC 24.00][ASI 1.00][NM 1]			
-39 PLF @ 1.0 to	-39 @ 2.5 L [y-18.6][100%]		
-34 PLF @ 0.4 to	-34 @ 1.0 L [y-17.9][100%]		
-39 PLF @ 2.5 to	-39 @ 4.0 R [y-17.9][100%]		
-34 PLF @ 4.0 to	-34 @ 4.6 R [y-17.6][100%]		
11 PLF @ 0.4 to	11 @ 1.0 [y-21.7][0%]		

11 PLF @ 1.0 to	11 @ 4.0 [y-21.7][0%]		
11 PLF @ 4.0 to	11 @ 4.6 [y-21.7][0%]		
10 PLF @ 1.0 to	10 @ 4.0 [y-12.4][0%]		
Brg. # 1 Vert.R=	-76.4 # Hor.R=	0.0 #	
[MMFRS ASCE Par1-][OC 24.00][ASI 1.00][NM 1]			
-28 PLF @ 1.0 to	-28 @ 2.5 L [y-18.6][100%]		
-34 PLF @ 0.4 to	-34 @ 1.0 L [y-17.9][100%]		
-28 PLF @ 2.5 to	-28 @ 4.0 R [y-17.9][100%]		
-34 PLF @ 4.0 to	-34 @ 4.6 R [y-17.6][100%]		
11 PLF @ 0.4 to	11 @ 1.0 [y-21.7][0%]		
11 PLF @ 1.0 to	11 @ 4.0 [y-21.7][0%]		
11 PLF @ 4.0 to	11 @ 4.6 [y-21.7][0%]		
10 PLF @ 1.0 to	10 @ 4.0 [y-12.4][0%]		
Brg. # 1 Vert.R=	-43.9 # Hor.R=	-0.0 #	
[C&C ASCE Wind Lt+][OC 24.00][ASI 1.00][NM 1]			
-113 PLF @ 0.4 to	-113 @ 1.0 L [y-17.9][100%]		
-69 PLF @ 2.5 to	-69 @ 4.6 R [y-17.6][100%]		
11 PLF @ 0.4 to	11 @ 1.0 [y-21.7][0%]		
11 PLF @ 1.0 to	11 @ 3.4 [y-21.7][0%]		
11 PLF @ 2.5 to	11 @ 4.6 [y-21.7][0%]		
11 PLF @ 2.5 to	11 @ 3.4 [y-21.7][0%]		
10 PLF @ 1.0 to	10 @ 4.0 [y-12.4][0%]		
[C&C ASCE Wind Rt+][OC 24.00][ASI 1.00][NM 1]			
-69 PLF @ 0.4 to	-69 @ 2.5 L [y-18.6][100%]		
-69 PLF @ 2.5 to	-69 @ 4.6 R [y-17.6][100%]		
-113 PLF @ 4.0 to	-113 @ 4.6 R [y-17.6][100%]		
11 PLF @ 0.4 to	11 @ 2.5 [y-21.7][0%]		
11 PLF @ 2.5 to	11 @ 4.0 [y-21.7][0%]		
11 PLF @ 4.0 to	11 @ 4.6 [y-21.7][0%]		
10 PLF @ 1.0 to	10 @ 4.0 [y-12.4][0%]		
[C&C ASCE Wind Lt-][OC 24.00][ASI 1.00][NM 1]			
-113 PLF @ 0.4 to	-113 @ 1.0 L [y-17.9][100%]		
-58 PLF @ 2.5 to	-58 @ 4.6 R [y-17.6][100%]		
11 PLF @ 0.4 to	11 @ 1.0 [y-21.7][0%]		
11 PLF @ 1.0 to	11 @ 3.4 [y-21.7][0%]		
11 PLF @ 2.5 to	11 @ 4.6 [y-21.7][0%]		
11 PLF @ 2.5 to	11 @ 3.4 [y-21.7][0%]		
10 PLF @ 1.0 to	10 @ 4.0 [y-12.4][0%]		
[C&C ASCE Wind Rt-][OC 24.00][ASI 1.00][NM 1]			
-58 PLF @ 0.4 to	-58 @ 2.5 L [y-18.6][100%]		
-58 PLF @ 2.5 to	-58 @ 4.6 R [y-17.6][100%]		
-113 PLF @ 4.0 to	-113 @ 4.6 R [y-17.6][100%]		
11 PLF @ 0.4 to	11 @ 2.5 [y-21.7][0%]		
11 PLF @ 2.5 to	11 @ 4.0 [y-21.7][0%]		
11 PLF @ 4.0 to	11 @ 4.6 [y-21.7][0%]		
10 PLF @ 1.0 to	10 @ 4.0 [y-12.4][0%]		



[06342028][ALPINE][AISI 86/89 - FBC][V6 9'0" Valley][Page 1]
[TCLL 20.0][TCDL 10.0][BCDL 10.0][BCLL 10.0][ASI 1.00][OC 24.0][NM 1][SOFFIT

-----Bearings----- [X-Loc][React][Size] -----
[0.97][778][40h][7.06]

EndPts	MaxT	MaxC	AXL	BND	SHR	CRIP	CSI	COMB	GLC	Length	Grade	Brace
0-2	17	-0.00	0.04	0.03	0.00	0.04	SB	14	7.94	28TSC2.75	Diaph	
2-5	87	-38.00	0.17	0.04	0.00	0.18	AB	15	22.06	28TSC2.75	Diaph	
5-7	328	-229.06	0.20	0.04	0.00	0.23	AB	15	24.89	28TSC2.75	Diaph	
7-8	328	-229.06	0.20	0.04	0.00	0.23	AB	14	24.89	28TSC2.75	Diaph	
8-10	87	-38.00	0.17	0.05	0.00	0.18	AB	14	22.06	28TSC2.75	Diaph	
10-13	17	-0.00	0.04	0.03	0.00	0.04	SB	15	7.94	28TSC2.75	Diaph	
1-3	0	-0.00	0.00	0.00	0.00	0.00	SB	1	0.38	28TSC2.75 @ 85°		
3-4	40	-40.00	0.06	0.09	0.00	0.10	SB	1	1.72	28TSC2.75 @ 2°		
4-6	193	-200.28	0.02	0.01	0.00	0.30	AB	14	40.28	28TSC2.75 @ 40°		
6-9	193	-200.28	0.02	0.01	0.00	0.30	AB	14	40.28	28TSC2.75 @ 40°		
9-11	0	-0.00	0.06	0.09	0.00	0.10	SB	1	1.72	28TSC2.75 @ 2°		
11-12	0	-0.00	0.00	0.00	0.00	0.00	SB	1	0.38	28TSC2.75 @ 85°		

EndPts	MaxT	MaxC	AXL	BND	SHR	CRIP	CSI	COMB	GLC	Length	Grade	Brace
2-3	170	-123.14	0.00	0.00	0.00	0.07	AB	1	3.25	33W.75x.75		
4-5	249	-238.20	0.00	0.00	0.00	0.10	AB	1	22.28	33W.75x.75		
6-7	30	-138.09	0.00	0.00	0.00	0.09	AB	1	24.24	33W.75x.75		
8-9	247	-238.20	0.00	0.00	0.00	0.10	AB	1	22.28	33W.75x.75		
10-11	169	-123.14	0.00	0.00	0.00	0.07	AB	1	3.25	33W.75x.75		

Node	X-Loc	Y-Loc	defly(L)	defly(T)	dxL	dxT	MaxShear	GLC
0	0.41	16.53	0.01 L/999	0.01 L/821	0.00	0.01	0	1
1	0.97	16.55	0.00 L/999	0.00 L/999	0.00	0.00	-9	2
2	1.00	16.82	0.00 L/999	0.00 L/999	0.00	0.00	94	14
3	1.00	16.55	0.00 L/999	0.00 L/999	0.00	0.00	211	1
4	1.15	16.55	0.00 L/999	0.00 L/999	0.00	0.00	216	1
5	2.65	17.65	0.01 L/999	0.02 L/999	0.01	0.01	29	14
6	4.50	16.55	0.00 L/999	0.00 L/999	0.00	0.00	70	1
7	4.50	18.57	0.00 L/0	0.00 L/0	0.00	0.00	88	14
8	6.36	17.65	0.01 L/999	0.02 L/999	0.01	0.01	-29	15
9	7.86	16.55	0.00 L/999	0.00 L/999	0.00	0.00	-216	1
10	8.00	16.82	0.00 L/999	0.00 L/999	0.00	0.00	-94	15
11	8.00	16.55	0.00 L/999	0.00 L/999	0.00	0.00	-211	1
12	8.03	16.55	0.00 L/999	0.00 L/999	0.00	0.00	0	1
13	8.59	16.53	0.01 L/999	0.01 L/818	0.00	0.00	0	17

2.0	[STD.AUTO.LOAD][OC 24.00][ASI 1.00][NM 1]	
60 PLF @ 0.4 to 60 @ 8.6 [y=21.7] [67%]		
4 PLF @ 0.4 to 4 @ 1.0 [y=11.4] [0%]		
40 PLF @ 1.0 to 40 @ 8.0 [y=11.4] [50%]		
1 PLF @ 8.0 to 4 @ 8.6 [y=11.4] [0%]		
Brg. # 1 Vert.R= 778.0 # Hor.R= -0.0 #		
[MHFRS ASCE Perp/L+][OC 24.00][ASI 1.00][NM 1]		
-4 PLF @ 1.0 to 4 @ 4.5 L [y=18.6] [100%]		
-2 PLF @ 0.4 to 22 @ 1.0 L [y=16.9] [100%]		
-21 PLF @ 4.5 to 21 @ 8.0 R [y=16.9] [100%]		
-16 PLF @ 8.0 to 16 @ 8.6 R [y=16.6] [100%]		
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]		
11 PLF @ 1.0 to 11 @ 8.0 [y=21.7] [0%]		
11 PLF @ 8.0 to 11 @ 8.6 [y=21.7] [0%]		
10 PLF @ 1.0 to 10 @ 8.0 [y=11.4] [0%]		
Brg. # 1 Vert.R= 79.3 # Hor.R= -40.5 #		
[MHFRS ASCE Perp/L+][OC 24.00][ASI 1.00][NM 1]		
7 PLF @ 1.0 to 7 @ 4.5 L [y=18.6] [100%]		
22 PLF @ 0.4 to 22 @ 1.0 L [y=16.9] [100%]		
-10 PLF @ 4.5 to 10 @ 8.0 R [y=16.9] [100%]		
-16 PLF @ 8.0 to 16 @ 8.6 R [y=16.6] [100%]		
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]		
11 PLF @ 1.0 to 11 @ 8.0 [y=21.7] [0%]		
11 PLF @ 8.0 to 11 @ 8.6 [y=21.7] [0%]		
10 PLF @ 1.0 to 10 @ 8.0 [y=11.4] [0%]		
Brg. # 1 Vert.R= 155.7 # Hor.R= -40.5 #		
[MHFRS ASCE Perp/L+][OC 24.00][ASI 1.00][NM 1]		
-17 PLF @ 1.0 to 17 @ 4.5 L [y=18.6] [100%]		
-32 PLF @ 0.4 to 32 @ 1.0 L [y=16.9] [100%]		
-10 PLF @ 4.5 to 10 @ 8.0 R [y=16.9] [100%]		
-16 PLF @ 8.0 to 16 @ 8.6 R [y=16.6] [100%]		
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]		
11 PLF @ 1.0 to 11 @ 8.0 [y=21.7] [0%]		
11 PLF @ 8.0 to 11 @ 8.6 [y=21.7] [0%]		
10 PLF @ 1.0 to 10 @ 8.0 [y=11.4] [0%]		
Brg. # 1 Vert.R= 80.1 # Hor.R= -2.7 #		
[MHFRS ASCE Perp/R+][OC 24.00][ASI 1.00][NM 1]		
-21 PLF @ 1.0 to 21 @ 4.5 L [y=18.6] [100%]		
-4 PLF @ 0.4 to 16 @ 1.0 L [y=16.9] [100%]		
-16 PLF @ 4.5 to 16 @ 8.0 R [y=16.9] [100%]		
22 PLF @ 8.0 to 22 @ 8.6 R [y=16.6] [100%]		
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]		
11 PLF @ 1.0 to 11 @ 8.0 [y=21.7] [0%]		
11 PLF @ 8.0 to 11 @ 8.6 [y=21.7] [0%]		
10 PLF @ 1.0 to 10 @ 8.0 [y=11.4] [0%]		
Brg. # 1 Vert.R= 79.3 # Hor.R= 40.5 #		
[MHFRS ASCE Perp/R+][OC 24.00][ASI 1.00][NM 1]		
-10 PLF @ 1.0 to 10 @ 4.5 L [y=18.6] [100%]		
-16 PLF @ 0.4 to 16 @ 1.0 L [y=16.9] [100%]		
7 PLF @ 4.5 to 7 @ 8.0 R [y=16.9] [100%]		
22 PLF @ 8.0 to 22 @ 8.6 R [y=16.6] [100%]		
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]		
11 PLF @ 1.0 to 11 @ 8.0 [y=21.7] [0%]		
11 PLF @ 8.0 to 11 @ 8.6 [y=21.7] [0%]		
10 PLF @ 1.0 to 10 @ 8.0 [y=11.4] [0%]		
Brg. # 1 Vert.R= 155.7 # Hor.R= 40.5 #		
[MHFRS ASCE Perp/R+][OC 24.00][ASI 1.00][NM 1]		
-21 PLF @ 1.0 to 21 @ 4.5 L [y=18.6] [100%]		
-4 PLF @ 0.4 to 16 @ 1.0 L [y=16.9] [100%]		
-16 PLF @ 4.5 to 16 @ 8.0 R [y=16.9] [100%]		
32 PLF @ 8.0 to 32 @ 8.6 R [y=16.6] [100%]		
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]		
11 PLF @ 1.0 to 11 @ 8.0 [y=21.7] [0%]		
11 PLF @ 8.0 to 11 @ 8.6 [y=21.7] [0%]		
10 PLF @ 1.0 to 10 @ 8.0 [y=11.4] [0%]		
Brg. # 1 Vert.R= 3.7 # Hor.R= 2.7 #		
[MHFRS ASCE Perp/R-][OC 24.00][ASI 1.00][NM 1]		
-10 PLF @ 1.0 to 10 @ 4.5 L [y=18.6] [100%]		
-16 PLF @ 0.4 to 16 @ 1.0 L [y=16.9] [100%]		
-6 PLF @ 4.5 to 6 @ 8.0 R [y=16.9] [100%]		
-32 PLF @ 8.0 to 32 @ 8.6 R [y=16.6] [100%]		
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]		
11 PLF @ 1.0 to 11 @ 8.0 [y=21.7] [0%]		
11 PLF @ 8.0 to 11 @ 8.6 [y=21.7] [0%]		
10 PLF @ 1.0 to 10 @ 8.0 [y=11.4] [0%]		
Brg. # 1 Vert.R= 80.1 # Hor.R= 2.7 #		
[MHFRS ASCE ParL+][OC 24.00][ASI 1.00][NM 1]		
-39 PLF @ 1.0 to 39 @ 4.5 L [y=18.6] [100%]		
-34 PLF @ 0.4 to 34 @ 1.0 L [y=16.9] [100%]		
-39 PLF @ 4.5 to 39 @ 8.0 R [y=16.9] [100%]		
-34 PLF @ 8.0 to 34 @ 8.6 R [y=16.6] [100%]		
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]		
11 PLF @ 1.0 to 11 @ 8.0 [y=21.7] [0%]		
11 PLF @ 8.0 to 11 @ 8.6 [y=21.7] [0%]		
10 PLF @ 1.0 to 10 @ 8.0 [y=11.4] [0%]		
Brg. # 1 Vert.R= -148.3 # Hor.R= 0.0 #		
[MHFRS ASCE ParL+][OC 24.00][ASI 1.00][NM 1]		
-28 PLF @ 1.0 to 28 @ 4.5 L [y=18.6] [100%]		
-34 PLF @ 0.4 to 34 @ 1.0 L [y=16.9] [100%]		
-28 PLF @ 4.5 to 28 @ 8.0 R [y=16.9] [100%]		
-34 PLF @ 8.0 to 34 @ 8.6 R [y=16.6] [100%]		
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]		
11 PLF @ 1.0 to 11 @ 8.0 [y=21.7] [0%]		
11 PLF @ 8.0 to 11 @ 8.6 [y=21.7] [0%]		
10 PLF @ 1.0 to 10 @ 8.0 [y=11.4] [0%]		
Brg. # 1 Vert.R= -71.9 # Hor.R= -0.0 #		
[MHFRS ASCE ParL+][OC 24.00][ASI 1.00][NM 1]		
-39 PLF @ 1.0 to 39 @ 4.5 L [y=18.6] [100%]		
-34 PLF @ 0.4 to 34 @ 1.0 L [y=16.9] [100%]		
-39 PLF @ 4.5 to 39 @ 8.0 R [y=16.9] [100%]		
-34 PLF @ 8.0 to 34 @ 8.6 R [y=16.6] [100%]		
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]		

11 PLF @ 1.0 to 11 @ 8.0 [y=21.7] [0%]		
11 PLF @ 8.0 to 11 @ 8.6 [y=21.7] [0%]		
10 PLF @ 1.0 to 10 @ 8.0 [y=11.4] [0%]		
Brg. # 1 Vert.R= -148.3 # Hor.R= 0.0 #		
[MHFRS ASCE ParL-][OC 24.00][ASI 1.00][NM 1]		
-28 PLF @ 1.0 to 28 @ 4.5 L [y=18.6] [100%]		
-34 PLF @ 0.4 to 34 @ 1.0 L [y=16.9] [100%]		
-28 PLF @ 4.5 to 28 @ 8.0 R [y=16.9] [100%]		
-34 PLF @ 8.0 to 34 @ 8.6 R [y=16.6] [100%]		
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]		
11 PLF @ 1.0 to 11 @ 8.0 [y=21.7] [0%]		
11 PLF @ 8.0 to 11 @ 8.6 [y=21.7] [0%]		
10 PLF @ 1.0 to 10 @ 8.0 [y=11.4] [0%]		
Brg. # 1 Vert.R= -71.9 # Hor.R= -0.0 #		
[C&C ASCE Wind Lt-][OC 24.00][ASI 1.00][NM 1]		
-65 PLF @ 1.0 to 65 @ 3.4 L [y=18.1] [100%]		
-65 PLF @ 3.4 to 65 @ 4.5 L [y=18.6] [100%]		
-65 PLF @ 4.5 to 65 @ 7.5 R [y=17.2] [100%]		
-105 PLF @ 0.4 to 105 @ 1.0 L [y=16.9] [100%]		
-65 PLF @ 7.5 to 65 @ 8.6 R [y=16.6] [100%]		
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]		
11 PLF @ 1.0 to 11 @ 3.4 [y=21.7] [0%]		
11 PLF @ 3.4 to 11 @ 4.5 [y=21.7] [0%]		
11 PLF @ 4.5 to 11 @ 7.5 [y=21.7] [0%]		
11 PLF @ 7.5 to 11 @ 8.6 [y=21.7] [0%]		
10 PLF @ 1.0 to 10 @ 8.0 [y=11.4] [0%]		
[C&C ASCE Wind Rt-][OC 24.00][ASI 1.00][NM 1]		
-65 PLF @ 1.5 to 65 @ 4.5 L [y=18.6] [100%]		
-65 PLF @ 4.5 to 65 @ 5.6 R [y=18.1] [100%]		
-65 PLF @ 0.4 to 65 @ 1.5 L [y=17.2] [100%]		
-65 PLF @ 5.6 to 65 @ 8.0 R [y=16.9] [100%]		
-105 PLF @ 8.0 to 105 @ 8.6 R [y=16.6] [100%]		
11 PLF @ 0.4 to 11 @ 1.5 [y=21.7] [0%]		
11 PLF @ 1.5 to 11 @ 4.5 [y=21.7] [0%]		
11 PLF @ 4.5 to 11 @ 5.6 [y=21.7] [0%]		
11 PLF @ 5.6 to 11 @ 8.0 [y=21.7] [0%]		
11 PLF @ 8.0 to 11 @ 8.6 [y=21.7] [0%]		
10 PLF @ 1.0 to 10 @ 8.0 [y=11.4] [0%]		
[C&C ASCE Wind Lt+][OC 24.00][ASI 1.00][NM 1]		
-54 PLF @ 1.0 to 54 @ 3.4 L [y=18.1] [100%]		
-54 PLF @ 3.4 to 54 @ 4.5 L [y=18.6] [100%]		
-54 PLF @ 4.5 to 54 @ 7.5 R [y=17.2] [100%]		
-105 PLF @ 0.4 to 105 @ 1.0 L [y=16.9] [100%]		
-54 PLF @ 7.5 to 54 @ 8.6 R [y=16.6] [100%]		
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]		
11 PLF @ 1.0 to 11 @ 3.4 [y=21.7] [0%]		
11 PLF @ 3.4 to 11 @ 4.5 [y=21.7] [0%]		
11 PLF @ 4.5 to 11 @ 7.5 [y=21.7] [0%]		
11 PLF @ 7.5 to 11 @ 8.6 [y=21.7] [0%]		
10 PLF @ 1.0 to 10 @ 8.0 [y=11.4] [0%]		
[C&C ASCE Wind Rt+][OC 24.00][ASI 1.00][NM 1]		
-54 PLF @ 1.5 to 54 @ 4.5 L [y=18.6] [100%]		
-54 PLF @ 4.5 to 54 @ 5.6 R [y=18.1] [100%]		
-54 PLF @ 0.4 to 54 @ 1.5 L [y=17.2] [100%]		
-54 PLF @ 5.6 to 54 @ 8.0 R [y=16.9] [100%]		
-105 PLF @ 8.0 to 105 @ 8.6 R [y=16.6] [100%]		
11 PLF @ 0.4 to 11 @ 1.5 [y=21.7] [0%]		
11 PLF @ 1.5 to 11 @ 4.5 [y=21.7] [0%]		
11 PLF @ 4.5 to 11 @ 5.6 [y=21.7] [0%]		
11 PLF @ 5.6 to 11 @ 8.0 [y=21.7] [0%]		
11 PLF @ 8.0 to 11 @ 8.6 [y=21.7] [0%]		
10 PLF @ 1.0 to 10 @ 8.0 [y=11.4] [0%]		

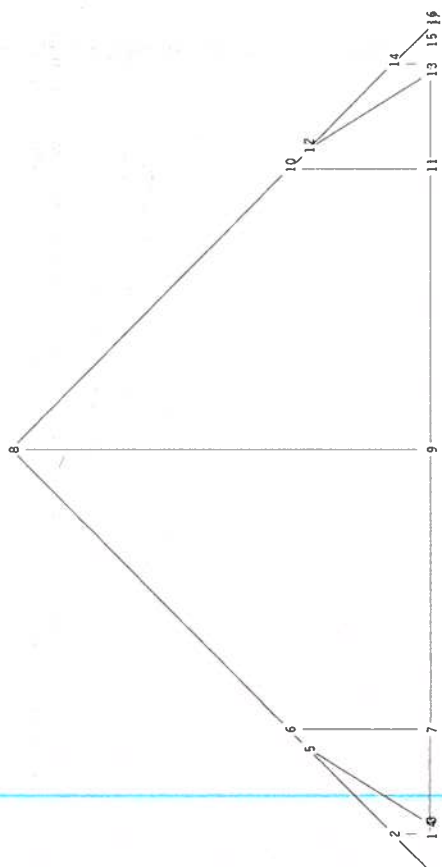
11 PLF @ 1.0 to 11 @ 8.0 [y=21.7] [0%]		
11 PLF @ 8.0 to 11 @ 8.6 [y=21.7] [0%]		
10 PLF @ 1.0 to 10 @ 8.0 [y=11.4] [0%]		
Brg. # 1 Vert.R= -148.3 # Hor.R= 0.0 #		
[MHFRS ASCE ParL+][OC 24.00][ASI 1.00][NM 1]		
-28 PLF @ 1.0 to 28 @ 4.5 L [y=18.6] [100%]		
-34 PLF @ 0.4 to 34 @ 1.0 L [y=16.9] [100%]		
-28 PLF @ 4.5 to 28 @ 8.0 R [y=16.9] [100%]		
-34 PLF @ 8.0 to 34 @ 8.6 R [y=16.6] [100%]		
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]		
11 PLF @ 1.0 to 11 @ 8.0 [y=21.7] [0%]		
11 PLF @ 8.0 to 11 @ 8.6 [y=21.7] [0%]		
10 PLF @ 1.0 to 10 @ 8.0 [y=11.4] [0%]		
Brg. # 1 Vert.R= -71.9 # Hor.R= -0.0 #		
[MHFRS ASCE ParL+][OC 24.00][ASI 1.00][NM 1]		
-39 PLF @ 1.0 to 39 @ 4.5 L [y=18.6] [100%]		
-34 PLF @ 0.4 to 34 @ 1.0 L [y=16.9] [100%]		
-39 PLF @ 4.5 to 39 @ 8.0 R [y=16.9] [100%]		
-34 PLF @ 8.0 to 34 @ 8.6 R [y=16.6] [100%]		
11 PLF @ 0.4 to 11 @ 1.		

-----Bearings----- [X-Loc][React][Size] -----
 [0.97][1178][58h][11.06]

EndPts	MaxT	MaxC	AXL	BND	SHR	CRIP	CSI	COMB	GLC	Length	Grade	Brace
0-2	17	-0.00	0.02	0.02	0.00	0.03	AB	1	7.94	28TSC2.75	Diaph	
2-5	37	-9.01	0.16	0.04	0.00	0.16	AB	1	16.41	28TSC2.75	Diaph	
5-6	40	-46.00	0.18	0.04	0.00	0.19	AB	1	3.71	28TSC2.75	Diaph	
6-8	94	-89.01	0.31	0.05	0.00	0.32	AB	15	53.67	28TSC2.75	Diaph	
8-10	95	-89.01	0.31	0.05	0.00	0.32	AB	14	53.67	28TSC2.75	Diaph	
10-12	22	-33.00	0.18	0.04	0.00	0.19	AB	1	3.71	28TSC2.75	Diaph	
12-14	37	-9.01	0.16	0.04	0.00	0.16	AB	1	16.41	28TSC2.75	Diaph	
14-17	17	-0.00	0.02	0.02	0.00	0.03	AB	1	7.94	28TSC2.75	Diaph	
1-3	0	-0.00	0.00	0.00	0.00	0.00	SB	1	0.37	28TSC2.75 @ 120"		
3-4	58	-58.08	0.00	0.01	0.00	0.08	AB	6	1.63	28TSC2.75 @ 2"		
4-7	32	-17.00	0.08	0.03	0.00	0.09	AB	1	16.36	28TSC2.75 @ 16"		
7-9	32	-17.00	0.12	0.04	0.00	0.13	AB	1	48.00	28TSC2.75 @ 48"		
9-11	32	-17.00	0.12	0.04	0.00	0.13	AB	1	48.00	28TSC2.75 @ 48"		
11-13	32	-17.00	0.08	0.03	0.00	0.09	AB	1	16.36	28TSC2.75 @ 16"		
13-15	0	-0.00	0.01	0.02	0.00	0.02	SB	1	1.63	28TSC2.75 @ 2"		
15-16	0	-0.00	0.00	0.00	0.00	0.00	SB	1	0.38	28TSC2.75 @ 120"		

EndPts	MaxT	MaxC	AXL	BND	SHR	CRIP	CSI	COMB	GLC	Length	Grade	Brace
0-2	62	-30.00	0.00	0.00	0.00	0.02	AB	1	3.25	33W.75x.75		
4-5	41	-58.03	0.00	0.00	0.00	0.02	AB	3	16.80	33W.75x.75		
6-7	186	-233.15	0.00	0.00	0.00	0.07	AB	1	12.24	33W.75x.75		
8-9	39	-173.19	0.00	0.00	0.00	0.19	AB	1	36.24	33W.75x.75		
10-11	186	-233.15	0.00	0.00	0.00	0.07	AB	1	12.24	33W.75x.75		
12-13	22	-41.02	0.00	0.00	0.00	0.02	AB	1	16.80	33W.75x.75		
14-15	62	-30.05	0.00	0.00	0.00	0.02	AB	1	3.25	33W.75x.75		

Node	X-Loc	Y-Loc	deflY(L)	deflY(T)	dxL	MaxShear	GLC
0	0.41	15.53	0.00 L/999	0.00 L/999	0.00	0.00	-0 10
1	0.97	15.55	0.00 L/999	0.00 L/999	0.00	0.00	-0 1
2	1.00	15.82	0.00 L/999	0.00 L/999	0.00	0.00	-35 14
3	1.00	15.55	0.00 L/999	0.00 L/999	0.00	0.00	-50 1
4	1.14	15.55	0.00 L/999	0.00 L/999	0.00	0.00	-44 1
5	2.23	16.43	0.00 L/999	0.00 L/999	0.00	0.00	73 1
6	2.50	16.57	0.00 L/999	0.00 L/999	0.00	0.00	-127 1
7	2.50	15.55	0.00 L/999	0.00 L/999	0.00	0.00	-75 1
8	6.50	18.57	0.00 L/0	0.00 L/0	0.00	0.00	-88 1
9	6.50	15.55	0.00 L/999	0.00 L/999	0.00	0.00	85 1
10	10.50	16.57	0.00 L/999	0.00 L/999	0.00	0.00	127 1
11	10.50	15.55	0.00 L/999	0.00 L/999	0.00	0.00	75 1
12	10.78	16.43	0.00 L/999	0.00 L/999	0.00	0.00	-73 1
13	11.87	15.55	0.00 L/999	0.00 L/999	0.00	0.00	44 1
14	12.00	15.82	0.00 L/999	0.00 L/999	0.00	0.00	35 15
15	12.00	15.55	0.00 L/999	0.00 L/999	0.00	0.00	50 1
16	12.03	15.55	0.00 L/999	0.00 L/999	0.00	0.00	0 1
17	12.59	15.53	0.00 L/999	0.00 L/999	0.00	0.00	0 14



2.0)	[STD.AUTO.LOAD][OC 24.00][ASI 1.00][NM 1]
60 PLF @ 0.4 to 60 @ 12.6 [y=21.7][67%]	
4 PLF @ 0.4 to 4 @ 1.0 [y=10.4][0%]	
40 PLF @ 1.0 to 40 @ 12.0 [y=10.4][50%]	
4 PLF @ 12.0 to 4 @ 12.6 [y=10.4][0%]	
Brg. # 1 Vert.R= 1178.0 # Hor.R= -0.0 #	
[HWFRS ASCE Perp/L+][OC 24.00][ASI 1.00][NM 1]	
-21 PLF @ 1.0 to -21 @ 6.5 L [y=18.6][100%]	
22 PLF @ 0.4 to 22 @ 1.0 L [y=15.9][100%]	
-21 PLF @ 6.5 to -21 @ 12.0 R [y=15.9][100%]	
-16 PLF @ 12.0 to -16 @ 12.6 R [y=15.6][100%]	
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7][0%]	
11 PLF @ 1.0 to 11 @ 12.0 [y=21.7][0%]	
11 PLF @ 12.0 to 11 @ 12.6 [y=21.7][0%]	
10 PLF @ 1.0 to 10 @ 12.0 [y=10.4][0%]	
Brg. # 1 Vert.R= 114.2 # Hor.R= -57.7 #	
[HWFRS ASCE Perp/L+][OC 24.00][ASI 1.00][NM 1]	
7 PLF @ 1.0 to 7 @ 6.5 L [y=18.6][100%]	
22 PLF @ 0.4 to 22 @ 1.0 L [y=15.9][100%]	
-22 PLF @ 6.5 to -22 @ 12.0 R [y=15.9][100%]	
-16 PLF @ 12.0 to -16 @ 12.6 R [y=15.6][100%]	
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7][0%]	
11 PLF @ 1.0 to 11 @ 12.0 [y=21.7][0%]	
11 PLF @ 12.0 to 11 @ 12.6 [y=21.7][0%]	
10 PLF @ 1.0 to 10 @ 12.0 [y=10.4][0%]	
Brg. # 1 Vert.R= 234.5 # Hor.R= -57.7 #	
[HWFRS ASCE Perp/L+][OC 24.00][ASI 1.00][NM 1]	
-17 PLF @ 1.0 to -17 @ 6.5 L [y=18.6][100%]	
-32 PLF @ 0.4 to -32 @ 1.0 L [y=15.9][100%]	
-21 PLF @ 6.5 to -21 @ 12.0 R [y=15.9][100%]	
-16 PLF @ 12.0 to -16 @ 12.6 R [y=15.6][100%]	
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7][0%]	
11 PLF @ 1.0 to 11 @ 12.0 [y=21.7][0%]	
11 PLF @ 12.0 to 11 @ 12.6 [y=21.7][0%]	
10 PLF @ 1.0 to 10 @ 12.0 [y=10.4][0%]	
Brg. # 1 Vert.R= 12.8 # Hor.R= -6.9 #	
[HWFRS ASCE Perp/L+][OC 24.00][ASI 1.00][NM 1]	
-6 PLF @ 1.0 to -6 @ 6.5 L [y=18.6][100%]	
-32 PLF @ 0.4 to -32 @ 1.0 L [y=15.9][100%]	
-10 PLF @ 6.5 to -10 @ 12.0 R [y=15.9][100%]	
-16 PLF @ 12.0 to -16 @ 12.6 R [y=15.6][100%]	
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7][0%]	
11 PLF @ 1.0 to 11 @ 12.0 [y=21.7][0%]	
11 PLF @ 12.0 to 11 @ 12.6 [y=21.7][0%]	
10 PLF @ 1.0 to 10 @ 12.0 [y=10.4][0%]	
Brg. # 1 Vert.R= 133.0 # Hor.R= -6.9 #	
[HWFRS ASCE Perp/R+][OC 24.00][ASI 1.00][NM 1]	
-21 PLF @ 1.0 to -21 @ 6.5 L [y=18.6][100%]	
-16 PLF @ 0.4 to -16 @ 1.0 L [y=15.9][100%]	
-4 PLF @ 6.5 to -4 @ 12.0 R [y=15.9][100%]	
22 PLF @ 12.0 to 22 @ 12.6 R [y=15.6][100%]	
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7][0%]	
11 PLF @ 1.0 to 11 @ 12.0 [y=21.7][0%]	
11 PLF @ 12.0 to 11 @ 12.6 [y=21.7][0%]	
10 PLF @ 1.0 to 10 @ 12.0 [y=10.4][0%]	
Brg. # 1 Vert.R= 114.2 # Hor.R= 57.7 #	
[HWFRS ASCE Perp/R+][OC 24.00][ASI 1.00][NM 1]	
-10 PLF @ 1.0 to -10 @ 6.5 L [y=18.6][100%]	
-16 PLF @ 0.4 to -16 @ 1.0 L [y=15.9][100%]	
-17 PLF @ 6.5 to -17 @ 12.0 R [y=15.9][100%]	
-32 PLF @ 12.0 to -32 @ 12.6 R [y=15.6][100%]	
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7][0%]	
11 PLF @ 1.0 to 11 @ 12.0 [y=21.7][0%]	
11 PLF @ 12.0 to 11 @ 12.6 [y=21.7][0%]	
10 PLF @ 1.0 to 10 @ 12.0 [y=10.4][0%]	
Brg. # 1 Vert.R= 12.8 # Hor.R= 6.9 #	
[HWFRS ASCE Perp/R-][OC 24.00][ASI 1.00][NM 1]	
-10 PLF @ 1.0 to -10 @ 6.5 L [y=18.6][100%]	
-16 PLF @ 0.4 to -16 @ 1.0 L [y=15.9][100%]	
-6 PLF @ 6.5 to -6 @ 12.0 R [y=15.9][100%]	
-32 PLF @ 12.0 to -32 @ 12.6 R [y=15.6][100%]	
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7][0%]	
11 PLF @ 1.0 to 11 @ 12.0 [y=21.7][0%]	
11 PLF @ 12.0 to 11 @ 12.6 [y=21.7][0%]	
10 PLF @ 1.0 to 10 @ 12.0 [y=10.4][0%]	
Brg. # 1 Vert.R= 133.0 # Hor.R= 6.9 #	
[HWFRS ASCE Par/L+][OC 24.00][ASI 1.00][NM 1]	
-39 PLF @ 1.0 to -39 @ 6.5 L [y=18.6][100%]	
-34 PLF @ 0.4 to -34 @ 1.0 L [y=15.9][100%]	
-39 PLF @ 6.5 to -39 @ 12.0 R [y=15.9][100%]	
-34 PLF @ 12.0 to -34 @ 12.6 R [y=15.6][100%]	
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7][0%]	
11 PLF @ 1.0 to 11 @ 12.0 [y=21.7][0%]	
11 PLF @ 12.0 to 11 @ 12.6 [y=21.7][0%]	
10 PLF @ 1.0 to 10 @ 12.0 [y=10.4][0%]	
Brg. # 1 Vert.R= -220.1 # Hor.R= 0.0 #	
[HWFRS ASCE Par/L-][OC 24.00][ASI 1.00][NM 1]	
-28 PLF @ 1.0 to -28 @ 6.5 L [y=18.6][100%]	
-34 PLF @ 0.4 to -34 @ 1.0 L [y=15.9][100%]	
-28 PLF @ 6.5 to -28 @ 12.0 R [y=15.9][100%]	
-34 PLF @ 12.0 to -34 @ 12.6 R [y=15.6][100%]	
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7][0%]	
11 PLF @ 1.0 to 11 @ 12.0 [y=21.7][0%]	
11 PLF @ 12.0 to 11 @ 12.6 [y=21.7][0%]	
10 PLF @ 1.0 to 10 @ 12.0 [y=10.4][0%]	
Brg. # 1 Vert.R= -99.9 # Hor.R= -0.0 #	
[HWFRS ASCE Par/L+][OC 24.00][ASI 1.00][NM 1]	
-39 PLF @ 1.0 to -39 @ 6.5 L [y=18.6][100%]	
-34 PLF @ 0.4 to -34 @ 1.0 L [y=15.9][100%]	
-39 PLF @ 6.5 to -39 @ 12.0 R [y=15.9][100%]	
-34 PLF @ 12.0 to -34 @ 12.6 R [y=15.6][100%]	
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7][0%]	

11 PLF @ 1.0 to	11 @ 12.0	[y=21.7][0%]
11 PLF @ 12.0 to	11 @ 12.6	[y=21.7][0%]
10 PLF @ 1.0 to	10 @ 12.0	[y=10.4][0%]
Brg. # 1 Vert.R=	-220.1 # Hor.R=	0.0 #
[HWFRS ASCE Parl-][OC 24.00][ASI 1.00][NM 1]		
-28 PLF @ 1.0 to	-28 @ 6.5 L	[y=18.6][100%]
-34 PLF @ 0.4 to	-34 @ 1.0 L	[y=15.9][100%]
-28 PLF @ 6.5 to	-28 @ 12.0 R	[y=15.9][100%]
-34 PLF @ 12.0 to	-34 @ 12.6 R	[y=15.6][100%]
11 PLF @ 0.4 to	11 @ 1.0	[y=21.7][0%]
11 PLF @ 1.0 to	11 @ 12.0	[y=21.7][0%]
11 PLF @ 12.0 to	11 @ 12.6	[y=21.7][0%]
10 PLF @ 1.0 to	10 @ 12.0	[y=10.4][0%]
Brg. # 1 Vert.R=	-99.9 # Hor.R=	-0.0 #
[C&C ASCE Wind Lt-+][OC 24.00][ASI 1.00][NM 1]		
-31 PLF @ 3.4 to	-31 @ 6.5 L	[y=18.6][100%]
-56 PLF @ 1.0 to	-56 @ 3.4 L	[y=17.1][100%]
-56 PLF @ 6.5 to	-56 @ 9.5 R	[y=17.2][100%]
-67 PLF @ 0.4 to	-67 @ 1.0 L	[y=15.9][100%]
-31 PLF @ 9.5 to	-31 @ 12.6 R	[y=15.6][100%]
11 PLF @ 0.4 to	11 @ 1.0	[y=21.7][0%]
11 PLF @ 1.0 to	11 @ 3.4	[y=21.7][0%]
11 PLF @ 3.4 to	11 @ 6.5	[y=21.7][0%]
11 PLF @ 6.5 to	11 @ 9.5	[y=21.7][0%]
11 PLF @ 9.5 to	11 @ 12.6	[y=21.7][0%]
10 PLF @ 1.0 to	10 @ 12.0	[y=10.4][0%]
[C&C ASCE Wind Rt-+][OC 24.00][ASI 1.00][NM 1]		
-56 PLF @ 3.5 to	-56 @ 6.5 L	[y=18.6][100%]
-31 PLF @ 0.4 to	-31 @ 3.5 L	[y=18.6][100%]
-31 PLF @ 6.5 to	-31 @ 9.6 R	[y=17.1][100%]
-56 PLF @ 9.6 to	-56 @ 12.0 R	[y=15.9][100%]
-67 PLF @ 12.0 to	-67 @ 12.6 R	[y=15.6][100%]
11 PLF @ 0.4 to	11 @ 3.5	[y=21.7][0%]
11 PLF @ 3.5 to	11 @ 6.5	[y=21.7][0%]
11 PLF @ 6.5 to	11 @ 9.6	[y=21.7][0%]
11 PLF @ 9.6 to	11 @ 12.0	[y=21.7][0%]
11 PLF @ 12.0 to	11 @ 12.6	[y=21.7][0%]
10 PLF @ 1.0 to	10 @ 12.0	[y=10.4][0%]
[C&C ASCE Wind Lt-][OC 24.00][ASI 1.00][NM 1]		
-20 PLF @ 3.4 to	-20 @ 6.5 L	[y=18.6][100%]
-45 PLF @ 1.0 to	-45 @ 3.4 L	[y=17.1][100%]
-45 PLF @ 6.5 to	-45 @ 9.5 R	[y=17.2][100%]
-67 PLF @ 0.4 to	-67 @ 1.0 L	[y=15.9][100%]
-20 PLF @ 9.5 to	-20 @ 12.6 R	[y=15.6][100%]
11 PLF @ 0.4 to	11 @ 1.0	[y=21.7][0%]
11 PLF @ 1.0 to	11 @ 3.4	[y=21.7][0%]
11 PLF @ 3.4 to	11 @ 6.5	[y=21.7][0%]
11 PLF @ 6.5 to	11 @ 9.5	[y=21.7][0%]
11 PLF @ 9.5 to	11 @ 12.6	[y=21.7][0%]
10 PLF @ 1.0 to	10 @ 12.0	[y=10.4][0%]
[C&C ASCE Wind Rt-][OC 24.00][ASI 1.00][NM 1]		
-45 PLF @ 3.5 to	-45 @ 6.5 L	[y=18.6][100%]
-20 PLF @ 0.4 to	-20 @ 3.5 L	[y=17.2][100%]
-20 PLF @ 6.5 to	-20 @ 9.6 R	[y=17.1][100%]
-45 PLF @ 9.6 to	-45 @ 12.0 R	[y=15.9][100%]
-67 PLF @ 12.0 to	-67 @ 12.6 R	[y=15.6][100%]
11 PLF @ 0.4 to	11 @ 3.5	[y=21.7][0%]
11 PLF @ 3.5 to	11 @ 6.5	[y=21.7][0%]
11 PLF @ 6.5 to	11 @ 9.6	[y=21.7][0%]
11 PLF @ 9.6 to	11 @ 12.0	[y=21.7][0%]
11 PLF @ 12.0 to	11 @ 12.6	[y=21.7][0%]
10 PLF @ 1.0 to	10 @ 12.0	[y=10.4][0%]

[06342026] [ALPINE] [AISI B6/B9 - FBC] [V4 17'0" Valley] [Page 1]
[TCLL 20.0] [TCDL 10.0] [BCDL 10.0] [BCLL 10.0] [ASI 1.00] [OC 24.0] [NH 1] [SOFFIT

-----Bearings----- [X-Loc] [React] [Size] -----
[0.97] [1578] [75h] [15.06]

EndPts	MaxT	MaxC	AXL	BND	SHR	CRIP	CSI	COMB	GLC	Length	Grade	Brace
0-2	17	-0.00	0.02	0.02	0.00	0.03	AB	1	7.94	28TSC2.75	D1aph	
2-5	62	-32.00	0.11	0.03	0.00	0.12	AB	14	22.06	28TSC2.75	D1aph	
5-6	65	-74.00	0.23	0.05	0.00	0.23	AB	1	24.89	28TSC2.75	D1aph	
6-8	152	-144.00	0.28	0.04	0.00	0.29	AB	15	53.67	28TSC2.75	D1aph	
8-10	154	-144.00	0.28	0.04	0.00	0.29	AB	14	53.67	28TSC2.75	D1aph	
10-12	66	-74.00	0.23	0.05	0.00	0.23	AB	1	24.89	28TSC2.75	D1aph	
12-14	62	-32.00	0.11	0.03	0.00	0.12	AB	15	22.06	28TSC2.75	D1aph	
14-17	17	-0.00	0.02	0.02	0.00	0.03	AB	1	7.94	28TSC2.75	D1aph	
1-3	0	-0.00	0.00	0.00	0.00	0.00	SB	1	0.38	28TSC2.75 @120"		
3-4	75	-75.00	0.11	0.02	0.00	0.12	AB	6	1.72	28TSC2.75 @ 2"		
4-7	71	-23.00	0.01	0.10	0.04	0.00	11	AB	1	40.28	28TSC2.75 @ 40"	
7-9	71	-23.00	0.01	0.12	0.04	0.00	13	AB	1	48.00	28TSC2.75 @ 48"	
9-11	71	-23.00	0.01	0.12	0.04	0.00	13	AB	1	48.00	28TSC2.75 @ 48"	
11-13	71	-23.00	0.01	0.10	0.04	0.00	11	AB	1	40.28	28TSC2.75 @ 40"	
13-15	0	0.00	0.06	0.09	0.00	0.09	SB	1	1.72	28TSC2.75 @ 2"		
15-16	0	-0.00	0.00	0.00	0.00	0.00	SB	1	0.38	28TSC2.75 @120"		

EndPts	MaxT	MaxC	AXL	BND	SHR	CRIP	CSI	COMB	GLC	Length	Grade	Brace
2-3	114	-109.00	0.09	0.00	0.00	0.00	0.04	AB	1	3.25	33W.75x.75	
4-5	49	-87.00	0.05	0.00	0.00	0.00	0.05	AB	1	22.28	33W.75x.75	
6-7	175	-267.00	0.17	0.00	0.00	0.00	0.17	AB	1	24.24	33W.75x.75	
8-9	0	-120.00	0.24	0.00	0.00	0.00	0.24	AB	1	48.24	33W.75x.75	
10-11	175	-267.00	0.17	0.00	0.00	0.00	0.17	AB	1	24.24	33W.75x.75	
12-13	29	-87.00	0.05	0.00	0.00	0.00	0.05	AB	1	22.28	33W.75x.75	
14-15	114	-109.00	0.09	0.00	0.00	0.00	0.04	AB	1	3.25	33W.75x.75	

Node	X-Loc	Y-Loc	deflY(L)	deflY(T)	dxL	dxT	MaxShear	GLC
0	0.41	14.53	0.00	L/999	0.01	L/999	0.00	0 16
1	0.97	14.55	0.00	L/999	0.00	L/999	0.00	-0 1
2	1.00	14.82	0.00	L/999	0.00	L/999	0.00	67 14
3	1.00	14.55	0.00	L/999	0.00	L/999	0.00	192 1
4	1.15	14.55	0.00	L/999	0.00	L/999	0.00	197 1
5	2.65	15.65	0.00	L/999	0.01	L/999	0.00	24 1
6	4.50	16.57	0.00	L/999	0.00	L/999	0.00	-129 1
7	4.50	14.55	0.00	L/999	0.00	L/999	0.00	-78 1
8	8.50	18.57	0.00	L/ 0	0.00	L/ 0	0.00	-85 1
9	8.50	14.55	0.00	L/999	0.00	L/999	0.00	82 1
10	12.50	16.57	0.00	L/999	0.00	L/999	0.00	129 1
11	12.50	14.55	0.00	L/999	0.00	L/999	0.00	78 1
12	14.36	15.65	0.00	L/999	0.01	L/999	0.01	-24 1
13	15.86	14.55	0.00	L/999	0.00	L/999	0.00	-197 1
14	16.00	14.82	0.00	L/999	0.00	L/999	0.00	-67 15
15	16.00	14.55	0.00	L/999	0.00	L/999	0.00	-192 1
16	16.03	14.55	0.00	L/999	0.00	L/999	0.00	0 1
17	16.59	14.53	0.00	L/999	0.01	L/999	0.00	-0 1

2.0]	[STD.AUTO.LOAD]	[OC 24.00]	[ASI 1.00]	[NH 1]
60 PLF @ 0.4 to 60 @ 16.6 [y=21.7] [67%]				
40 PLF @ 0.4 to 4 @ 1.0 [y= 9.4] [0%]				
40 PLF @ 1.0 to 40 @ 16.0 [y= 9.4] [50%]				
4 PLF @ 16.0 to 4 @ 16.6 [y= 9.4] [0%]				
Brg. # 1 Vert.R= 1578.0 # Hor.R= -0.0 #				
[MWFRS ASCE Perp/L+][OC 24.00][ASI 1.00][NH 1]				
-4 PLF @ 1.0 to -4 @ 8.5 L [y=18.6] [100%]				
-22 PLF @ 0.4 to -22 @ 1.0 L [y=14.9] [100%]				
-21 PLF @ 8.5 to -21 @ 16.0 R [y=14.9] [100%]				
-16 PLF @ 16.0 to -16 @ 16.6 R [y=14.6] [100%]				
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]				
11 PLF @ 1.0 to 11 @ 16.0 [y=21.7] [0%]				
11 PLF @ 16.0 to 11 @ 16.6 [y=21.7] [0%]				
10 PLF @ 1.0 to 10 @ 16.0 [y= 9.4] [0%]				
Brg. # 1 Vert.R= 149.2 # Hor.R= -74.8 #				
[MWFRS ASCE Perp/L-][OC 24.00][ASI 1.00][NH 1]				
7 PLF @ 1.0 to 7 @ 8.5 L [y=18.6] [100%]				
22 PLF @ 0.4 to 22 @ 1.0 L [y=14.9] [100%]				
-10 PLF @ 8.5 to -10 @ 16.0 R [y=14.9] [100%]				
-16 PLF @ 16.0 to -16 @ 16.6 R [y=14.6] [100%]				
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]				
11 PLF @ 1.0 to 11 @ 16.0 [y=21.7] [0%]				
11 PLF @ 16.0 to 11 @ 16.6 [y=21.7] [0%]				
10 PLF @ 1.0 to 10 @ 16.0 [y= 9.4] [0%]				
Brg. # 1 Vert.R= 313.3 # Hor.R= -74.8 #				
[MWFRS ASCE Perp/L+][OC 24.00][ASI 1.00][NH 1]				
-17 PLF @ 1.0 to -17 @ 8.5 L [y=18.6] [100%]				
-32 PLF @ 0.4 to -32 @ 1.0 L [y=14.9] [100%]				
-21 PLF @ 8.5 to -21 @ 16.0 R [y=14.9] [100%]				
-16 PLF @ 16.0 to -16 @ 16.6 R [y=14.6] [100%]				
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]				
11 PLF @ 1.0 to 11 @ 16.0 [y=21.7] [0%]				
11 PLF @ 16.0 to 11 @ 16.6 [y=21.7] [0%]				
10 PLF @ 1.0 to 10 @ 16.0 [y= 9.4] [0%]				
Brg. # 1 Vert.R= 21.8 # Hor.R= -11.1 #				
[MWFRS ASCE Perp/L-][OC 24.00][ASI 1.00][NH 1]				
-6 PLF @ 1.0 to -6 @ 8.5 L [y=18.6] [100%]				
-32 PLF @ 0.4 to -32 @ 1.0 L [y=14.9] [100%]				
-10 PLF @ 8.5 to -10 @ 16.0 R [y=14.9] [100%]				
-16 PLF @ 16.0 to -16 @ 16.6 R [y=14.6] [100%]				
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]				
11 PLF @ 1.0 to 11 @ 16.0 [y=21.7] [0%]				
11 PLF @ 16.0 to 11 @ 16.6 [y=21.7] [0%]				
10 PLF @ 1.0 to 10 @ 16.0 [y= 9.4] [0%]				
Brg. # 1 Vert.R= 185.9 # Hor.R= -11.1 #				
[MWFRS ASCE Perp/R+][OC 24.00][ASI 1.00][NH 1]				
-21 PLF @ 1.0 to -21 @ 8.5 L [y=18.6] [100%]				
-16 PLF @ 0.4 to -16 @ 1.0 L [y=14.9] [100%]				
-4 PLF @ 8.5 to -4 @ 16.0 R [y=14.9] [100%]				
-22 PLF @ 16.0 to -22 @ 16.6 R [y=14.6] [100%]				
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]				
11 PLF @ 1.0 to 11 @ 16.0 [y=21.7] [0%]				
11 PLF @ 16.0 to 11 @ 16.6 [y=21.7] [0%]				
10 PLF @ 1.0 to 10 @ 16.0 [y= 9.4] [0%]				
Brg. # 1 Vert.R= 149.2 # Hor.R= 74.8 #				
[MWFRS ASCE Perp/R-][OC 24.00][ASI 1.00][NH 1]				
-10 PLF @ 1.0 to -10 @ 8.5 L [y=18.6] [100%]				
-16 PLF @ 0.4 to -16 @ 1.0 L [y=14.9] [100%]				
-6 PLF @ 8.5 to -6 @ 16.0 R [y=14.9] [100%]				
-32 PLF @ 16.0 to -32 @ 16.6 R [y=14.6] [100%]				
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]				
11 PLF @ 1.0 to 11 @ 16.0 [y=21.7] [0%]				
11 PLF @ 16.0 to 11 @ 16.6 [y=21.7] [0%]				
10 PLF @ 1.0 to 10 @ 16.0 [y= 9.4] [0%]				
Brg. # 1 Vert.R= 313.3 # Hor.R= 74.8 #				
[MWFRS ASCE Perp/R+][OC 24.00][ASI 1.00][NH 1]				
-21 PLF @ 1.0 to -21 @ 8.5 L [y=18.6] [100%]				
-16 PLF @ 0.4 to -16 @ 1.0 L [y=14.9] [100%]				
-17 PLF @ 8.5 to -17 @ 16.0 R [y=14.9] [100%]				
-32 PLF @ 16.0 to -32 @ 16.6 R [y=14.6] [100%]				
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]				
11 PLF @ 1.0 to 11 @ 16.0 [y=21.7] [0%]				
11 PLF @ 16.0 to 11 @ 16.6 [y=21.7] [0%]				
10 PLF @ 1.0 to 10 @ 16.0 [y= 9.4] [0%]				
Brg. # 1 Vert.R= 21.8 # Hor.R= -11.1 #				
[MWFRS ASCE Perp/R-][OC 24.00][ASI 1.00][NH 1]				
-10 PLF @ 1.0 to -10 @ 8.5 L [y=18.6] [100%]				
-16 PLF @ 0.4 to -16 @ 1.0 L [y=14.9] [100%]				
-6 PLF @ 8.5 to -6 @ 16.0 R [y=14.9] [100%]				
-32 PLF @ 16.0 to -32 @ 16.6 R [y=14.6] [100%]				
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]				
11 PLF @ 1.0 to 11 @ 16.0 [y=21.7] [0%]				
11 PLF @ 16.0 to 11 @ 16.6 [y=21.7] [0%]				
10 PLF @ 1.0 to 10 @ 16.0 [y= 9.4] [0%]				
Brg. # 1 Vert.R= 185.9 # Hor.R= 11.1 #				
[MWFRS ASCE Par1+][OC 24.00][ASI 1.00][NH 1]				
-39 PLF @ 1.0 to -39 @ 8.5 L [y=18.6] [100%]				
-34 PLF @ 0.4 to -34 @ 1.0 L [y=14.9] [100%]				
-39 PLF @ 8.5 to -39 @ 16.0 R [y=14.9] [100%]				
-34 PLF @ 16.0 to -34 @ 16.6 R [y=14.6] [100%]				
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]				
11 PLF @ 1.0 to 11 @ 16.0 [y=21.7] [0%]				
11 PLF @ 16.0 to 11 @ 16.6 [y=21.7] [0%]				
10 PLF @ 1.0 to 10 @ 16.0 [y= 9.4] [0%]				
Brg. # 1 Vert.R= -292.0 # Hor.R= 0.0 #				
[MWFRS ASCE Par1-][OC 24.00][ASI 1.00][NH 1]				
-28 PLF @ 1.0 to -28 @ 8.5 L [y=18.6] [100%]				
-34 PLF @ 0.4 to -34 @ 1.0 L [y=14.9] [100%]				
-28 PLF @ 8.5 to -28 @ 16.0 R [y=14.9] [100%]				
-34 PLF @ 16.0 to -34 @ 16.6 R [y=14.6] [100%]				
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]				
11 PLF @ 1.0 to 11 @ 16.0 [y=21.7] [0%]				
11 PLF @ 16.0 to 11 @ 16.6 [y=21.7] [0%]				
10 PLF @ 1.0 to 10 @ 16.0 [y= 9.4] [0%]				
Brg. # 1 Vert.R= -127.9 # Hor.R= -0.0 #				
[MWFRS ASCE Par1+][OC 24.00][ASI 1.00][NH 1]				
-39 PLF @ 1.0 to -39 @ 8.5 L [y=18.6] [100%]				
-34 PLF @ 0.4 to -34 @ 1.0 L [y=14.9] [100%]				
-39 PLF @ 8.5 to -39 @ 16.0 R [y=14.9] [100%]				
-34 PLF @ 16.0 to -34 @ 16.6 R [y=14.6] [100%]				
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]				

11 PLF @ 1.0 to 11 @ 16.0 [y=21.7] [0%]				
11 PLF @ 16.0 to 11 @ 16.6 [y=21.7] [0%]				
10 PLF @ 1.0 to 10 @ 16.0 [y= 9.4] [0%]				
Brg. # 1 Vert.R=-292.0 # Hor.R= 0.0 #				
[MWFRS ASCE Par1-][OC 24.00][ASI 1.00][NH 1]				
-28 PLF @ 1.0 to -28 @ 8.5 L [y=18.6] [100%]				
-34 PLF @ 0.4 to -34 @ 1.0 L [y=14.9] [100%]				
-28 PLF @ 8.5 to -28 @ 16.0 R [y=14.9] [100%]				
-34 PLF @ 16.0 to -34 @ 16.6 R [y=14.6] [100%]				
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]				
11 PLF @ 1.0 to 11 @ 16.0 [y=21.7] [0%]				
11 PLF @ 16.0 to 11 @ 16.6 [y=21.7] [0%]				
10 PLF @ 1.0 to 10 @ 16.0 [y= 9.4] [0%]				
Brg. # 1 Vert.R=-127.9 # Hor.R=-0.0 #				
[C&C ASCE Wind Lt-][OC 24.00][ASI 1.00][NH 1]				
-30 PLF @ 3.4 to -30 @ 8.5 L [y=18.6] [100%]				
-51 PLF @ 8.5 to -51 @ 11.5 R [y=17.2] [100%]				
-51 PLF @ 1.0 to -51 @ 3.4 L [y=16.1] [100%]				
-67 PLF @ 0.4 to -67 @ 1.0 L [y=14.9] [100%]				
-30 PLF @ 11.5 to -30 @ 16.6 R [y=14.6] [100%]				
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]				
11 PLF @ 1.0 to 11 @ 3.4 [y=21.7] [0%]				
11 PLF @ 3.4 to 11 @ 8.5 [y=21.7] [0%]				
11 PLF @ 8.5 to 11 @ 11.5 [y=21.7] [0%]				
11 PLF @ 11.5 to 11 @ 16.6 [y=21.7] [0%]				
10 PLF @ 1.0 to 10 @ 16.0 [y= 9.4] [0%]				
[C&C ASCE Wind Rt-][OC 24.00][ASI 1.00][NH 1]				
-51 PLF @ 5.5 to -51 @ 8.5 L [y=18.6] [100%]				
-30 PLF @ 0.4 to -30 @ 5.5 L [y=17.2] [100%]				
-30 PLF @ 8.5 to -30 @ 13.6 R [y=16.1] [100%]				
-51 PLF @ 13.6 to -51 @ 16.0 R [y=14.9] [100%]				
-67 PLF @ 16.0 to -67 @ 16.6 R [y=14.6] [100%]				
11 PLF @ 0.4 to 11 @ 5.5 [y=21.7] [0%]				
11 PLF @ 5.5 to 11 @ 8.5 [y=21.7] [0%]				
11 PLF @ 8.5 to 11 @ 13.6 [y=21.7] [0%]				
11 PLF @ 13.6 to 11 @ 16.0 [y=21.7] [0%]				
11 PLF @ 16.0 to 11 @ 16.6 [y=21.7] [0%]				
10 PLF @ 1.0 to 10 @ 16.0 [y= 9.4] [0%]				
[C&C ASCE Wind Rt-][OC 24.00][ASI 1.00][NH 1]				
-19 PLF @ 3.4 to -19 @ 8.5 L [y=18.6] [100%]				
-40 PLF @ 8.5 to -40 @ 11.5 R [y=17.2] [100%]				
-40 PLF @ 1.0 to -40 @ 3.4 L [y=16.1] [100%]				
-67 PLF @ 0.4 to -67 @ 1.0 L [y=14.9] [100%]				
-19 PLF @ 11.5 to -19 @ 16.6 R [y=14.6] [100%]				
11 PLF @ 0.4 to 11 @ 1.0 [y=21.7] [0%]				
11 PLF @ 1.0 to 11 @ 3.4 [y=21.7] [0%]				
11 PLF @ 3.4 to 11 @ 8.5 [y=21.7] [0%]				
11 PLF @ 8.5 to 11 @ 11.5 [y=21.7] [0%]				
11 PLF @ 11.5 to 11 @ 16.6 [y=21.7] [0%]				
10 PLF @ 1.0 to 10 @ 16.0 [y= 9.4] [0%]				
[C&C ASCE Wind Rt-][OC 24.00][ASI 1.00][NH 1]				
-40 PLF @ 5.5 to -40 @ 8.5 L [y=18.6] [100%]				
-19 PLF @ 0.4 to -19 @ 5.5 L [y=17.2] [100%]				
-19 PLF @ 8.5 to -19 @ 13.6 R [y=16.1] [100%]				
-40 PLF @ 13.6 to -40 @ 16.0 R [y=14.9] [100%]				
-67 PLF @ 16.0 to -67 @ 16.6 R [y=14.6] [100%]				
11 PLF @ 0.4 to 11 @ 5.5 [y=21.7] [0%]				
11 PLF @ 5.5 to 11 @ 8.5 [y=21.7] [0%]				
11 PLF @ 8.5 to 11 @ 13.6 [y=21.7] [0%]				
11 PLF @ 13.6 to 11 @ 16.0 [y=21.7] [0%]				
11 PLF @ 16.0 to 11 @ 16.6 [y=21.7] [0%]				
10 PLF @ 1.0 to 10 @ 16.0 [y= 9.4] [0%]				

-----Bearings----- [X-Loc] [React] [Size] -----
[0.97] [1978] [97h] [19.06]

EndPts	MaxT	MaxC	AXL	BND	SHR	CRIP	CSI	COMB	GLC	Length	Grade	Brace
0-2	17	-0	0.00	0.02	0.02	0.00	0.03	AB	1	7.94	281SC2.75	Diaph
2-5	39	-12	0.00	0.09	0.03	0.00	0.09	AB	1	16.42	281SC2.75	Diaph
5-6	65	-88	0.00	0.11	0.03	0.00	0.11	AB	1	3.71	281SC2.75	Diaph
6-8	57	-85	0.01	0.24	0.06	0.00	0.25	AB	1	53.67	281SC2.75	Diaph
8-10	128	-102	0.02	0.26	0.04	0.00	0.27	AB	15	53.67	281SC2.75	Diaph
10-12	130	-102	0.02	0.26	0.04	0.00	0.27	AB	14	53.67	281SC2.75	Diaph
12-14	55	-85	0.01	0.24	0.06	0.00	0.25	AB	1	53.67	281SC2.75	Diaph
14-16	38	-55	0.00	0.11	0.03	0.00	0.11	AB	1	3.71	281SC2.75	Diaph
16-18	38	-11	0.00	0.09	0.03	0.00	0.09	AB	1	16.42	281SC2.75	Diaph
18-21	17	-0	0.00	0.02	0.02	0.00	0.03	AB	1	7.94	281SC2.75	Diaph
1-3	0	-0	0.00	0.00	0.00	0.00	0.00	5B	1	0.38	281SC2.75	@120"
3-4	97	-97	0.14	0.00	0.01	0.00	0.14	AB	6	1.63	281SC2.75	@2"
4-7	54	-29	0.01	0.09	0.03	0.00	0.09	AB	1	16.37	281SC2.75	@16"
7-9	54	-29	0.01	0.12	0.04	0.00	0.12	AB	1	48.00	281SC2.75	@48"
9-11	54	-29	0.01	0.12	0.04	0.00	0.12	AB	1	48.00	281SC2.75	@48"
11-13	54	-29	0.01	0.12	0.04	0.00	0.12	AB	1	48.00	281SC2.75	@48"
13-15	54	-29	0.01	0.12	0.04	0.00	0.12	AB	1	48.00	281SC2.75	@48"
15-17	54	-29	0.01	0.09	0.03	0.00	0.09	AB	1	16.37	281SC2.75	@16"
17-19	0	-0	0.00	0.01	0.02	0.00	0.02	5B	1	1.63	281SC2.75	@2"
19-20	0	-0	0.00	0.00	0.00	0.00	0.00	5B	1	0.38	281SC2.75	@120"

EndPts	MaxT	MaxC	AXL	BND	SHR	CRIP	CSI	COMB	GLC	Length	Grade	Brace
2-3	66	-54	0.05	0.00	0.00	0.00	0.03	AB	1	3.25	33W.75x.75	
4-5	72	-104	0.06	0.00	0.00	0.00	0.03	AB	3	16.81	33W.75x.75	
6-7	131	-170	0.11	0.00	0.00	0.00	0.05	AB	1	12.24	33W.75x.75	
8-9	157	-280	0.31	0.00	0.00	0.00	0.31	AB	1	36.24	33W.75x.75	
10-11	0	-154	0.47	0.00	0.00	0.00	0.47	AB	1	60.24	33W.75x.75	
12-13	157	-280	0.31	0.00	0.00	0.00	0.31	AB	1	36.24	33W.75x.75	
14-15	130	-170	0.11	0.00	0.00	0.00	0.05	AB	1	12.24	33W.75x.75	
16-17	37	-69	0.04	0.00	0.00	0.00	0.04	AB	2	16.81	33W.75x.75	
18-19	66	-54	0.05	0.00	0.00	0.00	0.03	AB	1	3.25	33W.75x.75	

Node	X-Loc	Y-Loc	deflY(L)	deflY(T)	dXl	dXT	MaxShear	GLC
0	0.41	13.53	0.00	0.00	0.00	0.00	0	1
1	0.97	13.55	0.00	0.00	0.00	0.00	-0	1
2	1.00	13.82	0.00	0.00	0.00	0.00	-35	14
3	1.00	13.55	0.00	0.00	0.00	0.00	-53	1
4	1.14	13.55	0.00	0.00	0.00	0.00	-47	1
5	2.23	14.43	0.00	0.00	0.00	0.00	51	1
6	2.50	14.57	0.00	0.00	0.00	0.00	-95	1
7	2.50	13.55	0.00	0.00	0.00	0.00	-76	1
8	6.50	16.57	0.00	0.00	0.00	0.00	-131	1
9	6.50	13.55	0.00	0.00	0.00	0.00	84	1
10	10.50	18.57	0.00	0.00	0.00	0.00	-84	1
11	10.50	13.55	0.00	0.00	0.00	0.00	79	1
12	14.50	16.57	0.00	0.00	0.00	0.00	131	1
13	14.50	13.55	0.00	0.00	0.00	0.00	-84	1
14	18.50	14.57	0.00	0.00	0.00	0.00	95	1
15	18.50	13.55	0.00	0.00	0.00	0.00	76	1
16	18.78	14.43	0.00	0.00	0.00	0.00	-51	1
17	19.87	13.55	0.00	0.00	0.00	0.00	47	1
18	20.00	13.82	0.00	0.00	0.00	0.00	35	15
19	20.00	13.55	0.00	0.00	0.00	0.00	53	1
20	20.03	13.55	0.00	0.00	0.00	0.00	-0	1
21	20.59	13.53	0.00	0.00	0.00	0.00	-0	15

2.0]	[STD.AUTO.LOAD]	[OC 24.00]	[ASI 1.00]	[NM 1]
60 PLF @ 0.4 to	60 @ 20.6 [y=21.7] [67%]			
1 PLF @ 0.4 to	4 @ 1.0 [y= 8.4] [0%]			
40 PLF @ 1.0 to	40 @ 20.0 [y= 8.4] [50%]			
1 PLF @ 20.0 to	4 @ 20.6 [y= 8.4] [0%]			
Brg. # 1 Vert.R=	1978.0 # Hor.R=	0.0 #		
[MHFRS ASCE Perp/L+]	[OC 24.00]	[ASI 1.00]	[NM 1]	
-3 PLF @ 1.0 to	-3 @ 10.5 L [y=18.6] [100%]			
-23 PLF @ 0.4 to	-23 @ 1.0 L [y=13.9] [100%]			
-21 PLF @ 10.5 to	-21 @ 20.0 R [y=13.9] [100%]			
-16 PLF @ 20.0 to	-16 @ 20.6 R [y=13.6] [100%]			
11 PLF @ 0.4 to	11 @ 1.0 [y=21.7] [0%]			
11 PLF @ 1.0 to	11 @ 20.0 [y=21.7] [0%]			
11 PLF @ 20.0 to	11 @ 20.6 [y=21.7] [0%]			
10 PLF @ 1.0 to	10 @ 20.0 [y= 8.4] [0%]			
Brg. # 1 Vert.R=	195.0 # Hor.R=	-97.4 #		
[MHFRS ASCE Perp/L+]	[OC 24.00]	[ASI 1.00]	[NM 1]	
8 PLF @ 1.0 to	8 @ 10.5 L [y=18.6] [100%]			
-23 PLF @ 0.4 to	-23 @ 1.0 L [y=13.9] [100%]			
-10 PLF @ 10.5 to	-10 @ 20.0 R [y=13.9] [100%]			
-16 PLF @ 20.0 to	-16 @ 20.6 R [y=13.6] [100%]			
11 PLF @ 0.4 to	11 @ 1.0 [y=21.7] [0%]			
11 PLF @ 1.0 to	11 @ 20.0 [y=21.7] [0%]			
11 PLF @ 20.0 to	11 @ 20.6 [y=21.7] [0%]			
10 PLF @ 1.0 to	10 @ 20.0 [y= 8.4] [0%]			
Brg. # 1 Vert.R=	403.0 # Hor.R=	-97.4 #		
[MHFRS ASCE Perp/L+]	[OC 24.00]	[ASI 1.00]	[NM 1]	
-15 PLF @ 1.0 to	-15 @ 10.5 L [y=18.6] [100%]			
-31 PLF @ 0.4 to	-31 @ 1.0 L [y=13.9] [100%]			
-21 PLF @ 10.5 to	-21 @ 20.0 R [y=13.9] [100%]			
-16 PLF @ 20.0 to	-16 @ 20.6 R [y=13.6] [100%]			
11 PLF @ 0.4 to	11 @ 1.0 [y=21.7] [0%]			
11 PLF @ 1.0 to	11 @ 20.0 [y=21.7] [0%]			
11 PLF @ 20.0 to	11 @ 20.6 [y=21.7] [0%]			
10 PLF @ 1.0 to	10 @ 20.0 [y= 8.4] [0%]			
Brg. # 1 Vert.R=	252.2 # Hor.R=	-22.0 #		
[MHFRS ASCE Perp/R+]	[OC 24.00]	[ASI 1.00]	[NM 1]	
-21 PLF @ 1.0 to	-21 @ 10.5 L [y=18.6] [100%]			
-16 PLF @ 0.4 to	-16 @ 1.0 L [y=13.9] [100%]			
-15 PLF @ 10.5 to	-15 @ 20.0 R [y=13.9] [100%]			
-31 PLF @ 20.0 to	-31 @ 20.6 R [y=13.6] [100%]			
11 PLF @ 0.4 to	11 @ 1.0 [y=21.7] [0%]			
11 PLF @ 1.0 to	11 @ 20.0 [y=21.7] [0%]			
11 PLF @ 20.0 to	11 @ 20.6 [y=21.7] [0%]			
10 PLF @ 1.0 to	10 @ 20.0 [y= 8.4] [0%]			
Brg. # 1 Vert.R=	44.2 # Hor.R=	22.0 #		
[MHFRS ASCE Perp/R+]	[OC 24.00]	[ASI 1.00]	[NM 1]	
-10 PLF @ 1.0 to	-10 @ 10.5 L [y=18.6] [100%]			
-16 PLF @ 0.4 to	-16 @ 1.0 L [y=13.9] [100%]			
-5 PLF @ 10.5 to	-5 @ 20.0 R [y=13.9] [100%]			
-31 PLF @ 20.0 to	-31 @ 20.6 R [y=13.6] [100%]			
11 PLF @ 0.4 to	11 @ 1.0 [y=21.7] [0%]			
11 PLF @ 1.0 to	11 @ 20.0 [y=21.7] [0%]			
11 PLF @ 20.0 to	11 @ 20.6 [y=21.7] [0%]			
10 PLF @ 1.0 to	10 @ 20.0 [y= 8.4] [0%]			
Brg. # 1 Vert.R=	252.2 # Hor.R=	22.0 #		
[MHFRS ASCE Perp/R+]	[OC 24.00]	[ASI 1.00]	[NM 1]	
-36 PLF @ 1.0 to	-36 @ 10.5 L [y=18.6] [100%]			
-31 PLF @ 0.4 to	-31 @ 1.0 L [y=13.9] [100%]			
-36 PLF @ 10.5 to	-36 @ 20.0 R [y=13.9] [100%]			
-31 PLF @ 20.0 to	-31 @ 20.6 R [y=13.6] [100%]			
11 PLF @ 0.4 to	11 @ 1.0 [y=21.7] [0%]			
11 PLF @ 1.0 to	11 @ 20.0 [y=21.7] [0%]			
11 PLF @ 20.0 to	11 @ 20.6 [y=21.7] [0%]			
10 PLF @ 1.0 to	10 @ 20.0 [y= 8.4] [0%]			
Brg. # 1 Vert.R=	-300.8 # Hor.R=	0.0 #		
[MHFRS ASCE Perp/L+]	[OC 24.00]	[ASI 1.00]	[NM 1]	
-25 PLF @ 1.0 to	-25 @ 10.5 L [y=18.6] [100%]			
-31 PLF @ 0.4 to	-31 @ 1.0 L [y=13.9] [100%]			
-25 PLF @ 10.5 to	-25 @ 20.0 R [y=13.9] [100%]			
-31 PLF @ 20.0 to	-31 @ 20.6 R [y=13.6] [100%]			
11 PLF @ 0.4 to	11 @ 1.0 [y=21.7] [0%]			
11 PLF @ 1.0 to	11 @ 20.0 [y=21.7] [0%]			
11 PLF @ 20.0 to	11 @ 20.6 [y=21.7] [0%]			
10 PLF @ 1.0 to	10 @ 20.0 [y= 8.4] [0%]			
Brg. # 1 Vert.R=	-92.8 # Hor.R=	0.0 #		
[MHFRS ASCE Perp/L+]	[OC 24.00]	[ASI 1.00]	[NM 1]	
-36 PLF @ 1.0 to	-36 @ 10.5 L [y=18.6] [100%]			
-31 PLF @ 0.4 to	-31 @ 1.0 L [y=13.9] [100%]			
-36 PLF @ 10.5 to	-36 @ 20.0 R [y=13.9] [100%]			
-31 PLF @ 20.0 to	-31 @ 20.6 R [y=13.6] [100%]			
11 PLF @ 0.4 to	11 @ 1.0 [y=21.7] [0%]			
11 PLF @ 1.0 to	11 @ 20.0 [y=21.7] [0%]			
11 PLF @ 20.0 to	11 @ 20.6 [y=21.7] [0%]			
10 PLF @ 1.0 to	10 @ 20.0 [y= 8.4] [0%]			

11 PLF @ 1.0 to	11 @ 20.0 [y=21.7] [0%]			
11 PLF @ 20.0 to	11 @ 20.6 [y=21.7] [0%]			
10 PLF @ 1.0 to	10 @ 20.0 [y= 8.4] [0%]			
Brg. # 1 Vert.R=-	-300.8 # Hor.R=	0.0 #		
[MHFRS ASCE ParL+]	[OC 24.00]	[ASI 1.00]	[NM 1]	
-25 PLF @ 1.0 to	-25 @ 10.5 L [y=18.6] [100%]			
-31 PLF @ 0.4 to	-31 @ 1.0 L [y=13.9] [100%]			
-25 PLF @ 10.5 to	-25 @ 20.0 R [y=13.9] [100%]			
-31 PLF @ 20.0 to	-31 @ 20.6 R [y=13.6] [100%]			
11 PLF @ 0.4 to	11 @ 1.0 [y=21.7] [0%]			
11 PLF @ 1.0 to	11 @ 20.0 [y=21.7] [0%]			
11 PLF @ 20.0 to	11 @ 20.6 [y=21.7] [0%]			
10 PLF @ 1.0 to	10 @ 20.0 [y= 8.4] [0%]			
Brg. # 1 Vert.R=-	-92.8 # Hor.R=	0.0 #		
[C&C ASCE Wind Lt+]	[OC 24.00]	[ASI 1.00]	[NM 1]	
-30 PLF @ 3.4 to	-30 @ 10.5 L [y=18.6] [100%]			
-48 PLF @ 10.5 to	-48 @ 13.5 R [y=17.2] [100%]			
-48 PLF @ 1.0 to	-48 @ 3.4 L [y=15.1] [100%]			
-67 PLF @ 0.4 to	-67 @ 1.0 L [y=13.9] [100%]			
-30 PLF @ 13.5 to	-30 @ 20.6 R [y=13.6] [100%]			
11 PLF @ 0.4 to	11 @ 1.0 [y=21.7] [0%]			
11 PLF @ 1.0 to	11 @ 3.4 [y=21.7] [0%]			
11 PLF @ 3.4 to	11 @ 10.5 [y=21.7] [0%]			
11 PLF @ 10.5 to	11 @ 13.5 [y=21.7] [0%]			
11 PLF @ 13.5 to	11 @ 20.6 [y=21.7] [0%]			
10 PLF @ 1.0 to	10 @ 20.0 [y= 8.4] [0%]			
[C&C ASCE Wind Rt+]	[OC 24.00]	[ASI 1.00]	[NM 1]	
-48 PLF @ 7.5 to	-48 @ 10.5 L [y=18.6] [100%]			
-30 PLF @ 0.4 to	-30 @ 7.5 L [y=17.2] [100%]			
-30 PLF @ 10.5 to	-30 @ 17.6 R [y=15.1] [100%]			
-48 PLF @ 17.6 to	-48 @ 20.0 R [y=13.9] [100%]			
-67 PLF @ 20.0 to	-67 @ 20.6 R [y=13.6] [100%]			
11 PLF @ 0.4 to	11 @ 7.5 [y=21.7] [0%]			
11 PLF @ 7.5 to	11 @ 10.5 [y=21.7] [0%]			
11 PLF @ 10.5 to	11 @ 17.6 [y=21.7] [0%]			
11 PLF @ 17.6 to	11 @ 20.0 [y=21.7] [0%]			
11 PLF @ 20.0 to	11 @ 20.6 [y=21.7] [0%]			
10 PLF @ 1.0 to	10 @ 20.0 [y= 8.4] [0%]			
[C&C ASCE Wind Lt-]	[OC 24.00]	[ASI 1.00]	[NM 1]	
-19 PLF @ 3.4 to	-19 @ 10.5 L [y=18.6] [100%]			
-37 PLF @ 10.5 to	-37 @ 13.5 R [y=17.2] [100%]			
-37 PLF @ 1.0 to	-37 @ 3.4 L [y=15.1] [100%]			
-67 PLF @ 0.4 to	-67 @ 1.0 L [y=13.9] [100%]			
-19 PLF @ 13.5 to	-19 @ 20.6 R [y=13.6] [100%]			
11 PLF @ 0.4 to	11 @ 3.4 [y=21.7] [0%]			
11 PLF @ 1.0 to	11 @ 10.5 [y=21.7] [0%]			
11 PLF @ 3.4 to	11 @ 10.5 [y=21.7] [0%]			
11 PLF @ 10.5 to	11 @ 13.5 [y=21.7] [0%]			
11 PLF @ 13.5 to	11 @ 20.6 [y=21.7] [0%]			
10 PLF @ 1.0 to	10 @ 20.0 [y= 8.4] [0%]			
[C&C ASCE Wind Rt-]	[OC 24.00]	[ASI 1.00]	[NM 1]	
-37 PLF @ 7.5 to	-37 @ 10.5 L [y=18.6] [100%]			
-19 PLF @ 0.4 to	-19 @ 7.5 L [y=17.2] [100%]			
-19 PLF @ 10.5 to	-19 @ 17.6 R [y=15.1] [100%]			
-37 PLF @ 17.6 to	-37 @ 20.0 R [y=13.9] [100%]			
-67 PLF @ 20.0 to	-67 @ 20.6 R [y=13.6] [100%]			
11 PLF @ 0.4 to	11 @ 7.5 [y=21.7] [0%]			
11 PLF @ 7.5 to	11 @ 10.5 [y=21.7] [0%]			
11 PLF @ 10.5 to	11 @ 17.6 [y=21.7] [0%]			
11 PLF @ 17.6 to	11 @ 20.0 [y=21.7] [0%]			
11 PLF @ 20.0 to	11 @ 20.6 [y=21.7] [0%]			
10 PLF @ 1.0 to	10 @ 20.0 [y= 8.4] [0%]			

-----Bearings----- [X-Loc] [React] [Size] -----
[1.86] [2536] [111h] [24.12]

EndPts	MaxT	MaxC	AXL	BND	SHR	CRIP	CSI	COMB	GLC	Length	Grade	Brace
0-2	16	-0.00	0.00	0.07	0.03	0.00	0.07	AB	1	12.41	28TSC2.75	Diaph
2-5	32	-14.01	0.07	0.03	0.00	0.07	AB	14	8.35	28TSC2.75	Diaph	
5-6	73	-106.02	0.02	0.02	0.00	0.03	AB	6	2.25	28TSC2.75	Diaph	
6-7	75	-112.02	0.00	0.01	0.00	0.02	AB	6	0.56	28TSC2.75	Diaph	
7-9	77	-95.01	0.16	0.05	0.00	0.16	AB	1	41.97	28TSC2.75	Diaph	
9-11	72	-91.01	0.24	0.06	0.00	0.24	AB	1	53.67	28TSC2.75	Diaph	
11-13	190	-106.04	0.25	0.05	0.00	0.27	AB	15	53.67	28TSC2.75	Diaph	
13-15	190	-106.04	0.25	0.05	0.00	0.27	AB	15	53.67	28TSC2.75	Diaph	
15-17	71	-91.01	0.24	0.06	0.00	0.24	AB	1	53.67	28TSC2.75	Diaph	
17-19	39	-73.01	0.16	0.05	0.00	0.16	AB	1	41.97	28TSC2.75	Diaph	
19-21	34	-85.01	0.00	0.00	0.00	0.01	AB	14	0.56	28TSC2.75	Diaph	
21-22	34	-81.01	0.01	0.01	0.00	0.02	AB	14	1.74	28TSC2.75	Diaph	
22-24	36	-15.01	0.07	0.03	0.00	0.07	AB	15	8.86	28TSC2.75	Diaph	
24-27	16	-0.00	0.07	0.03	0.00	0.07	AB	1	12.41	28TSC2.75	Diaph	
1-3	0	-0.00	0.00	0.00	0.00	0.00	SB	1	0.38	28TSC2.75	@120"	
3-4	111	-111.01	0.00	0.00	0.00	0.16	AB	6	1.66	28TSC2.75	@ 2"	
4-8	96	-29.04	0.01	0.01	0.00	0.05	AB	7	9.13	28TSC2.75	@ 9"	
8-10	96	-29.01	0.10	0.04	0.00	0.10	AB	1	37.54	28TSC2.75	@ 38"	
10-12	96	-29.01	0.12	0.04	0.00	0.12	AB	1	48.00	28TSC2.75	@ 48"	
12-14	96	-29.01	0.12	0.04	0.00	0.12	AB	1	48.00	28TSC2.75	@ 48"	
14-16	96	-29.01	0.12	0.04	0.00	0.12	AB	1	48.00	28TSC2.75	@ 48"	
16-18	96	-29.01	0.12	0.04	0.00	0.12	AB	1	48.00	28TSC2.75	@ 48"	
18-20	96	-29.01	0.10	0.04	0.00	0.10	AB	1	37.54	28TSC2.75	@ 38"	
20-23	96	-29.04	0.01	0.01	0.00	0.05	AB	7	9.10	28TSC2.75	@ 9"	
23-25	0	0.00	0.01	0.01	0.00	0.01	SB	1	1.69	28TSC2.75	@ 2"	
25-26	0	-0.00	0.00	0.00	0.00	0.00	SB	1	0.38	28TSC2.75	@120"	

EndPts	MaxT	MaxC	AXL	BND	SHR	CRIP	CSI	COMB	GLC	Length	Grade	Brace
2-3	113	-123.09	0.00	0.00	0.00	0.04	AB	1	3.03	33K.75x.75		
4-5	80	-127.06	0.00	0.00	0.00	0.03	AB	3	8.18	33K.75x.75		
7-8	75	-55.06	0.00	0.00	0.00	0.03	AB	1	5.85	33K.75x.75		
9-10	188	-230.15	0.00	0.00	0.00	0.07	AB	1	24.62	33K.75x.75		
11-12	223	-273.05	0.00	0.00	0.00	0.55	AB	1	48.62	33K.75x.75		
13-14	0	-153.68	0.00	0.00	0.00	0.68	AB	1	72.62	33K.75x.75		
15-16	222	-273.05	0.00	0.00	0.00	0.55	AB	1	48.62	33K.75x.75		
17-18	188	-230.15	0.00	0.00	0.00	0.07	AB	1	24.62	33K.75x.75		
19-20	75	-55.06	0.00	0.00	0.00	0.03	AB	1	5.85	33K.75x.75		
22-23	36	-120.06	0.00	0.00	0.00	0.06	AB	1	8.63	33K.75x.75		
24-25	133	-124.01	0.00	0.00	0.00	0.05	AB	1	3.03	33K.75x.75		

Node	X-Loc	Y-Loc	deflY(L)	deflY(T)	dxL	dxT	MaxShear	GLC
0	0.89	12.52	0.00 L/999	0.01 L/999	0.00	0.00	0	5
1	1.86	12.52	0.00 L/999	0.00 L/999	0.00	0.00	0	1
2	1.89	12.77	0.00 L/999	0.00 L/999	0.00	0.00	-66	14
3	1.89	12.52	0.00 L/999	0.00 L/999	0.00	0.00	-23	1
4	2.03	12.52	0.00 L/999	0.00 L/999	0.00	0.00	-18	1
5	2.57	12.94	0.00 L/999	0.00 L/999	0.00	0.00	50	14
6	2.75	12.99	0.00 L/999	0.00 L/999	0.00	0.00	-43	6
7	2.79	13.01	0.00 L/999	0.00 L/999	0.00	0.00	-63	1
8	2.79	12.52	0.00 L/999	0.00 L/999	0.00	0.00	-55	1
9	5.92	14.57	0.00 L/999	0.00 L/999	0.00	0.00	105	1
10	5.92	12.52	0.00 L/999	0.00 L/999	0.00	0.00	-78	1
11	9.92	16.57	0.00 L/999	0.00 L/999	0.00	0.00	-130	1
12	9.92	12.52	0.00 L/999	0.00 L/999	0.00	0.00	82	1
13	13.92	18.57	0.00 L/ 0	0.00 L/ 0	0.00	0.00	85	1
14	13.92	12.52	0.00 L/999	0.00 L/999	0.00	0.00	79	1
15	17.92	16.57	0.00 L/999	0.00 L/999	0.00	0.01	130	1
16	17.92	12.52	0.00 L/999	0.00 L/999	0.00	0.00	-82	1
17	21.92	14.57	0.00 L/999	0.00 L/999	0.00	0.01	-105	1
18	21.92	12.52	0.00 L/999	0.00 L/999	0.00	0.00	78	1
19	25.05	13.01	0.00 L/999	0.00 L/999	0.00	0.00	63	1
20	25.05	12.52	0.00 L/999	0.00 L/999	0.00	0.00	55	1
21	25.09	12.99	0.00 L/999	0.00 L/999	0.00	0.00	32	14
22	25.23	12.95	0.00 L/999	0.00 L/999	0.00	0.00	-36	17
23	25.81	12.52	0.00 L/999	0.00 L/999	0.00	0.00	18	1
24	25.95	12.77	0.00 L/999	0.00 L/999	0.00	0.00	66	15
25	25.95	12.52	0.00 L/999	0.00 L/999	0.00	0.00	23	1
26	25.98	12.52	0.00 L/999	0.00 L/999	0.00	0.00	-0	1
27	26.95	12.52	0.00 L/999	0.01 L/999	0.00	0.00	-0	15

[STD.AUTO.LOAD][OC 24.00][AS1 1.00][NM 1]				
60 PLF @ 0.9 to	60 @ 27.0	[y=21.7]	[67%]	
4 PLF @ 0.9 to	4 @ 1.9	[y=7.4]	[0%]	
40 PLF @ 1.9 to	40 @ 26.0	[y=7.4]	[50%]	
4 PLF @ 26.0 to	4 @ 27.0	[y=7.4]	[0%]	
Brg. # 1 Vert.R=	2536.1 #	Hor.R=	-0.0 #	
[MHFRS ASCE Perp/L+][OC 24.00][AS1 1.00][NM 1]				
-1 PLF @ 2.7 to	-1 @ 13.9 L	[y=18.6]	[100%]	
-27 PLF @ 1.9 to	-27 @ 2.7 L	[y=13.1]	[100%]	
-21 PLF @ 13.9 to	-21 @ 25.1 R	[y=13.1]	[100%]	
-1 PLF @ 0.9 to	-1 @ 1.9 L	[y=12.8]	[100%]	
-19 PLF @ 25.1 to	-19 @ 26.0 R	[y=12.8]	[100%]	
-14 PLF @ 26.0 to	-14 @ 26.9 R	[y=12.6]	[100%]	
10 PLF @ 0.9 to	10 @ 1.9	[y=21.7]	[0%]	
10 PLF @ 1.9 to	10 @ 2.7	[y=21.7]	[0%]	
11 PLF @ 2.7 to	11 @ 25.1	[y=21.7]	[0%]	
10 PLF @ 25.1 to	10 @ 26.0	[y=21.7]	[0%]	
10 PLF @ 26.0 to	10 @ 27.0	[y=21.7]	[0%]	
10 PLF @ 1.9 to	10 @ 26.0	[y=7.4]	[0%]	
Brg. # 1 Vert.R=	225.9 #	Hor.R=	-111.2 #	
[MHFRS ASCE Perp/L+][OC 24.00][AS1 1.00][NM 1]				
10 PLF @ 2.7 to	10 @ 13.9 L	[y=18.6]	[100%]	
-16 PLF @ 1.9 to	-16 @ 2.7 L	[y=13.1]	[100%]	
-10 PLF @ 13.9 to	-10 @ 25.1 R	[y=13.1]	[100%]	
-1 PLF @ 0.9 to	-1 @ 1.9 L	[y=12.8]	[100%]	
-8 PLF @ 25.1 to	-8 @ 26.0 R	[y=12.8]	[100%]	
-14 PLF @ 26.0 to	-14 @ 26.9 R	[y=12.6]	[100%]	
10 PLF @ 0.9 to	10 @ 1.9	[y=21.7]	[0%]	
10 PLF @ 1.9 to	10 @ 2.7	[y=21.7]	[0%]	
11 PLF @ 2.7 to	11 @ 25.1	[y=21.7]	[0%]	
10 PLF @ 25.1 to	10 @ 26.0	[y=21.7]	[0%]	
10 PLF @ 26.0 to	10 @ 27.0	[y=21.7]	[0%]	
10 PLF @ 1.9 to	10 @ 26.0	[y=7.4]	[0%]	
Brg. # 1 Vert.R=	489.2 #	Hor.R=	-111.2 #	
[MHFRS ASCE Perp/L+][OC 24.00][AS1 1.00][NM 1]				
-14 PLF @ 2.7 to	-14 @ 13.9 L	[y=18.6]	[100%]	
-27 PLF @ 1.9 to	-27 @ 2.7 L	[y=13.1]	[100%]	
-21 PLF @ 13.9 to	-21 @ 25.1 R	[y=13.1]	[100%]	
-42 PLF @ 0.9 to	-42 @ 1.9 L	[y=12.8]	[100%]	
-19 PLF @ 25.1 to	-19 @ 26.0 R	[y=12.8]	[100%]	
-14 PLF @ 26.0 to	-14 @ 26.9 R	[y=12.6]	[100%]	
10 PLF @ 0.9 to	10 @ 1.9	[y=21.7]	[0%]	
10 PLF @ 1.9 to	10 @ 2.7	[y=21.7]	[0%]	
11 PLF @ 2.7 to	11 @ 25.1	[y=21.7]	[0%]	
10 PLF @ 25.1 to	10 @ 26.0	[y=21.7]	[0%]	
10 PLF @ 26.0 to	10 @ 27.0	[y=21.7]	[0%]	
10 PLF @ 1.9 to	10 @ 26.0	[y=7.4]	[0%]	
Brg. # 1 Vert.R=	47.5 #	Hor.R=	-32.0 #	
[MHFRS ASCE Perp/L+][OC 24.00][AS1 1.00][NM 1]				
-3 PLF @ 2.7 to	-3 @ 13.9 L	[y=18.6]	[100%]	
-16 PLF @ 1.9 to	-16 @ 2.7 L	[y=13.1]	[100%]	
-10 PLF @ 13.9 to	-10 @ 25.1 R	[y=13.1]	[100%]	
-42 PLF @ 0.9 to	-42 @ 1.9 L	[y=12.8]	[100%]	
-8 PLF @ 25.1 to	-8 @ 26.0 R	[y=12.8]	[100%]	
-14 PLF @ 26.0 to	-14 @ 26.9 R	[y=12.6]	[100%]	
10 PLF @ 0.9 to	10 @ 1.9	[y=21.7]	[0%]	
10 PLF @ 1.9 to	10 @ 2.7	[y=21.7]	[0%]	
11 PLF @ 2.7 to	11 @ 25.1	[y=21.7]	[0%]	
10 PLF @ 25.1 to	10 @ 26.0	[y=21.7]	[0%]	
10 PLF @ 26.0 to	10 @ 27.0	[y=21.7]	[0%]	
10 PLF @ 1.9 to	10 @ 26.0	[y=7.4]	[0%]	
Brg. # 1 Vert.R=	310.8 #	Hor.R=	-32.0 #	
[MHFRS ASCE Perp/R+][OC 24.00][AS1 1.00][NM 1]				
-21 PLF @ 2.7 to	-21 @ 13.9 L	[y=18.6]	[100%]	
-19 PLF @ 1.9 to	-19 @ 2.7 L	[y=13.1]	[100%]	
-14 PLF @ 13.9 to	-14 @ 25.1 R	[y=13.1]	[100%]	
-14 PLF @ 0.9 to	-14 @ 1.9 L	[y=12.8]	[100%]	
-27 PLF @ 25.1 to	-27 @ 26.0 R	[y=12.8]	[100%]	
-1 PLF @ 26.0 to	-1 @ 26.9 R	[y=12.6]	[100%]	
10 PLF @ 0.9 to	10 @ 1.9	[y=21.7]	[0%]	
10 PLF @ 1.9 to	10 @ 2.7	[y=21.7]	[0%]	
11 PLF @ 2.7 to	11 @ 25.1	[y=21.7]	[0%]	
10 PLF @ 25.1 to	10 @ 26.0	[y=21.7]	[0%]	
10 PLF @ 26.0 to	10 @ 27.0	[y=21.7]	[0%]	
10 PLF @ 1.9 to	10 @ 26.0	[y=7.4]	[0%]	
Brg. # 1 Vert.R=	225.9 #	Hor.R=	-111.2 #	
[MHFRS ASCE Perp/R+][OC 24.00][AS1 1.00][NM 1]				
-10 PLF @ 2.7 to	-10 @ 13.9 L	[y=18.6]	[100%]	
-8 PLF @ 1.9 to	-8 @ 2.7 L	[y=13.1]	[100%]	
-10 PLF @ 13.9 to	-10 @ 25.1 R	[y=13.1]	[100%]	
-14 PLF @ 0.9 to	-14 @ 1.9 L	[y=12.8]	[100%]	
-16 PLF @ 25.1 to	-16 @ 26.0 R	[y=12.8]	[100%]	
-1 PLF @ 26.0 to	-1 @ 26.9 R	[y=12.6]	[100%]	
10 PLF @ 0.9 to	10 @ 1.9	[y=21.7]	[0%]	
10 PLF @ 1.9 to	10 @ 2.7	[y=21.7]	[0%]	
11 PLF @ 2.7 to	11 @ 25.1	[y=21.7]	[0%]	
10 PLF @ 25.1 to	10 @ 26.0	[y=21.7]	[0%]	
10 PLF @ 26.0 to	10 @ 27.0	[y=21.7]	[0%]	
10 PLF @ 1.9 to	10 @ 26.0	[y=7.4]	[0%]	
Brg. # 1 Vert.R=	489.2 #	Hor.R=	-111.2 #	
[MHFRS ASCE Perp/R+][OC 24.00][AS1 1.00][NM 1]				
-21 PLF @ 2.7 to	-21 @ 13.9 L	[y=18.6]	[100%]	
-19 PLF @ 1.9 to	-19 @ 2.7 L	[y=13.1]	[100%]	
-14 PLF @ 13.9 to	-14 @ 25.1 R	[y=13.1]	[100%]	
-14 PLF @ 0.9 to	-14 @ 1.9 L	[y=12.8]	[100%]	
-27 PLF @ 25.1 to	-27 @ 26.0 R	[y=12.8]	[100%]	
-42 PLF @ 26.0 to	-42 @ 26.9 R	[y=12.6]	[100%]	
10 PLF @ 0.9 to	10 @ 1.9	[y=21.7]	[0%]	
10 PLF @ 1.9 to	10 @ 2.7	[y=21.7]	[0%]	
11 PLF @ 2.7 to	11 @ 25.1	[y=21.7]	[0%]	
10 PLF @ 25.1 to	10 @ 26.0	[y=21.7]	[0%]	
10 PLF @ 26.0 to	10 @ 27.0	[y=21.7]	[0%]	
10 PLF @ 1.9 to	10 @ 26.0	[y=7.4]	[0%]	
Brg. # 1 Vert.R=	47.5 #	Hor.R=	-32.0 #	
[MHFRS ASCE Perp/R-][OC 24.00][AS1 1.00][NM 1]				
-10 PLF @ 2.7 to	-10 @ 13.9 L	[y=18.6]	[100%]	
-8 PLF @ 1.9 to	-8 @ 2.7 L	[y=13.1]	[100%]	
-3 PLF @ 13.9 to	-3 @ 25.1 R	[y=13.1]	[100%]	
-14 PLF @ 0.9 to	-14 @ 1.9 L	[y=12.8]	[100%]	
-16 PLF @ 25.1 to	-16 @ 26.0 R	[y=12.8]	[100%]	
-42 PLF @ 26.0 to	-42 @ 26.9 R	[y=12.6]	[100%]	
10 PLF @ 0.9 to	10 @ 1.9	[y=21.7]	[0%]	
10 PLF @ 1.9 to	10 @ 2.7	[y=21.7]	[0%]	
11 PLF @ 2.7 to	11 @ 25.1	[y=21.7]	[0%]	
10 PLF @ 25.1 to	10 @ 26.0	[y=21.7]	[0%]	
10 PLF @ 26.0 to	10 @ 27.0	[y=21.7]	[0%]	
10 PLF @ 1.9 to	10 @ 26.0	[y=7.4]	[0%]	
Brg. # 1 Vert.R=	489.2 #	Hor.R=	-111.2 #	

[ALPINE][AISI 86/89 - FBC][V1 35.4" Valley][Page 1]
[TCLL 20.0][TCDL 10.0][BCDL 10.0][BCLL 10.0][AST 1.00][OC 24.0][NM 1][SOFFIT 2.0]
[1.86][3286][113h][31.62]

EndPts	MaxT	MaxC	AXL	BND	SHR	CRIP	CSI	COMB	GLC	Length	Grade	Brace
0-2	16	-0.00	0.07	0.03	0.00	0.07	AB	1	12.41	28TSC2.75	Diaph	
2-5	43	-24.01	0.13	0.04	0.00	0.13	AB	15	18.63	28TSC2.75	Diaph	
5-6	73	-95.01	0.14	0.05	0.00	0.15	AB	15	28.09	28TSC2.75	Diaph	
6-8	79	-81.01	0.13	0.05	0.00	0.15	AB	1	10.26	28TSC2.75	Diaph	
8-9	81	-93.01	0.13	0.05	0.00	0.15	AB	2	0.56	28TSC2.75	Diaph	
9-11	91	-93.01	0.16	0.05	0.00	0.16	AB	1	41.97	28TSC2.75	Diaph	
11-13	129	-111.02	0.24	0.06	0.00	0.24	AB	1	53.67	28TSC2.75	Diaph	
13-16	248	-126.05	0.25	0.05	0.00	0.28	AB	15	53.67	28TSC2.75	Diaph	
16-17	248	-126.05	0.25	0.05	0.00	0.28	AB	14	53.67	28TSC2.75	Diaph	
17-19	129	-111.02	0.24	0.06	0.00	0.24	AB	1	53.67	28TSC2.75	Diaph	
19-21	56	-93.01	0.16	0.05	0.00	0.16	AB	1	41.97	28TSC2.75	Diaph	
21-23	44	-56.01	0.00	0.00	0.00	0.01	AB	1	0.56	28TSC2.75	Diaph	
23-24	45	-69.01	0.05	0.02	0.00	0.06	AB	1	10.26	28TSC2.75	Diaph	
24-27	40	-67.01	0.05	0.03	0.00	0.05	AB	1	23.08	28TSC2.75	Diaph	
27-28	58	-148.02	0.00	0.01	0.00	0.03	AB	1	5.07	28TSC2.75	Diaph	
28-30	36	-16.01	0.07	0.03	0.00	0.07	AB	15	18.58	28TSC2.75	Diaph	
30-33	16	-0.00	0.07	0.03	0.00	0.07	AB	1	12.41	28TSC2.75	Diaph	
1-3	0	-0.00	0.00	0.00	0.00	0.00	SB	1	0.38	28TSC2.75	@120"	
3-4	113	-113.16	0.02	0.03	0.00	0.18	AB	6	2.18	28TSC2.75	@ 2"	
4-7	90	-28.01	0.09	0.04	0.00	0.09	AB	1	43.15	28TSC2.75	@ 43"	
7-10	90	-28.01	0.07	0.02	0.00	0.08	AB	1	10.46	28TSC2.75	@ 10"	
10-12	90	-28.01	0.10	0.04	0.00	0.10	AB	1	37.54	28TSC2.75	@ 38"	
12-14	90	-28.01	0.11	0.04	0.00	0.12	AB	1	48.00	28TSC2.75	@ 48"	
14-15	90	-28.01	0.11	0.04	0.00	0.12	AB	1	48.00	28TSC2.75	@ 48"	
15-18	90	-28.01	0.12	0.04	0.00	0.12	AB	1	48.00	28TSC2.75	@ 48"	
18-20	90	-28.01	0.12	0.04	0.00	0.12	AB	1	48.00	28TSC2.75	@ 48"	
20-22	90	-28.01	0.10	0.04	0.00	0.10	AB	1	37.54	28TSC2.75	@ 38"	
22-25	90	-28.04	0.01	0.00	0.00	0.05	AB	7	10.46	28TSC2.75	@ 10"	
25-26	90	-28.01	0.07	0.08	0.00	0.10	SB	1	2.30	28TSC2.75	@ 2"	
26-29	141	-47.10	0.02	0.01	0.00	0.12	AB	6	40.85	28TSC2.75	@ 41"	
29-31	0	-0.00	0.07	0.09	0.00	0.10	SB	1	2.18	28TSC2.75	@ 2"	
31-32	0	-0.00	0.00	0.00	0.00	0.00	SB	1	0.38	28TSC2.75	@120"	

EndPts	MaxT	MaxC	AXL	BND	SHR	CRIP	CSI	COMB	GLC	Length	Grade	Brace
2-3	153	-162.12	0.00	0.00	0.00	0.05	AB	1	3.03	33W.75x.75		
4-5	66	-110.06	0.00	0.00	0.00	0.06	AB	6	17.60	33W.75x.75		
6-7	179	-217.15	0.00	0.00	0.00	0.07	AB	1	14.36	33W.75x.75		
9-10	7	-36.02	0.00	0.00	0.00	0.02	AB	1	17.10	33W.75x.75		
11-12	189	-230.25	0.00	0.00	0.00	0.25	AB	1	35.87	33W.75x.75		
13-14	221	-272.83	0.00	0.00	0.00	0.83	AB	1	59.87	33W.75x.75		
15-16	0	-135.81	0.00	0.00	0.00	0.81	AB	1	83.87	33W.75x.75		
17-18	221	-272.83	0.00	0.00	0.00	0.83	AB	1	59.87	33W.75x.75		
19-20	188	-229.25	0.00	0.00	0.00	0.25	AB	1	35.87	33W.75x.75		
21-22	59	-86.05	0.00	0.00	0.00	0.02	AB	1	17.10	33W.75x.75		
24-25	70	-119.06	0.00	0.00	0.00	0.06	AB	1	14.36	33W.75x.75		
26-27	107	-94.09	0.00	0.00	0.00	0.04	AB	1	21.91	33W.75x.75		
28-29	53	-156.08	0.00	0.00	0.00	0.08	AB	1	17.54	33W.75x.75		
30-31	122	-132.10	0.00	0.00	0.00	0.05	AB	1	3.03	33W.75x.75		

Node	X-Loc	Y-Loc	deflY(L)	deflY(T)	dXl	dXT	MaxShear	GLC
0	0.89	11.59	0.01 L/999	0.01 L/999	0.00	0.00	-0	15
1	1.86	11.58	0.00 L/999	0.00 L/999	0.00	0.00	0	0
2	1.89	11.84	0.00 L/999	0.00 L/999	0.00	0.00	-95	1
3	1.89	11.58	0.00 L/999	0.00 L/999	0.00	0.00	224	1
4	2.07	11.58	0.00 L/999	0.00 L/999	0.00	0.00	232	1
5	3.40	12.21	0.01 L/999	0.02 L/999	0.00	0.01	23	14
6	5.67	12.78	0.00 L/999	0.00 L/999	0.00	0.00	113	1
7	5.67	11.58	0.00 L/999	0.00 L/999	0.00	0.00	70	1
8	6.50	12.99	0.00 L/999	0.00 L/999	0.00	0.00	50	15
9	6.54	13.01	0.00 L/999	0.00 L/999	0.00	0.00	-63	1
10	6.54	11.58	0.00 L/999	0.00 L/999	0.00	0.00	-53	1
11	9.67	14.57	0.00 L/999	0.00 L/999	0.00	0.00	105	1
12	9.67	11.58	0.00 L/999	0.00 L/999	0.00	0.00	-78	1
13	13.67	16.57	0.00 L/999	0.01 L/999	0.00	0.01	-130	1
14	13.67	11.58	0.00 L/999	0.00 L/999	0.00	0.00	82	1
15	17.67	11.58	0.00 L/999	0.00 L/999	0.00	0.00	79	1
16	17.67	18.57	0.00 L/999	0.00 L/999	0.00	0.00	85	1
17	21.67	16.57	0.00 L/999	0.01 L/999	0.00	0.01	130	1
18	21.67	11.58	0.00 L/999	0.00 L/999	0.00	0.00	-82	1
19	25.67	14.57	0.00 L/999	0.00 L/999	0.00	0.01	-104	1
20	25.67	11.58	0.00 L/999	0.00 L/999	0.00	0.00	78	1
21	28.80	13.01	0.00 L/999	0.00 L/999	0.00	0.00	64	1
22	28.80	11.58	0.00 L/999	0.00 L/999	0.00	0.00	54	1
23	28.84	12.99	0.00 L/999	0.00 L/999	0.00	0.00	-11	1
24	29.67	12.78	0.00 L/999	0.00 L/999	0.00	0.00	-66	1
25	29.67	11.58	0.00 L/999	0.00 L/999	0.00	0.00	165	1
26	29.86	11.58	0.00 L/999	0.00 L/999	0.00	0.00	173	1
27	31.54	12.31	0.00 L/999	0.00 L/999	0.00	0.00	43	1
28	31.95	12.21	0.00 L/999	0.00 L/999	0.00	0.00	-22	1
29	33.27	11.58	0.00 L/999	0.00 L/999	0.00	0.00	-196	1
30	33.45	11.84	0.00 L/999	0.00 L/999	0.00	0.00	66	15
31	33.45	11.58	0.00 L/999	0.00 L/999	0.00	0.00	-188	1
32	33.48	11.58	0.00 L/999	0.00 L/999	0.00	0.00	0	1
33	34.45	11.59	0.00 L/999	0.00 L/999	0.00	0.00	0	15

2.0]		[STD. AUTO. LOAD][OC 24.00][ASI 1.00][NM 1]	
60 PLF	@ 0.9 to	60 @ 34.5	[y=21.7][67%]
4 PLF	@ 0.9 to	4 @ 1.9	[y= 6.5][0%]
40 PLF	@ 1.9 to	40 @ 33.5	[y= 6.5][50%]
4 PLF	@ 33.5 to	4 @ 34.5	[y= 6.5][0%]
Brg. # 1 Vert.R=		3286.1 # Hor.R=	0.0 #
[MWFERS ASCE Perp/L+][OC 24.00][ASI 1.00][NM 1]			
-24 PLF	@ 1.9 to	-24 @ 6.5	L [y=13.1][100%]
-21 PLF	@ 17.7 to	-21 @ 28.9	R [y=13.1][100%]
2 PLF	@ 0.9 to	2 @ 1.9	L [y=11.9][100%]
-17 PLF	@ 28.9 to	-17 @ 33.5	R [y=11.9][100%]
-12 PLF	@ 33.5 to	-12 @ 34.4	R [y=11.7][100%]
10 PLF	@ 0.9 to	10 @ 1.9	[y=21.7][0%]
10 PLF	@ 1.9 to	10 @ 6.5	[y=21.7][0%]
11 PLF	@ 6.5 to	11 @ 28.9	[y=21.7][0%]
10 PLF	@ 28.9 to	10 @ 33.5	[y=21.7][0%]
10 PLF	@ 33.5 to	10 @ 34.5	[y=21.7][0%]
10 PLF	@ 1.9 to	10 @ 33.5	[y= 6.5][0%]
Brg. # 1 Vert.R=		246.3 # Hor.R=	-112.8 #
[MWFERS ASCE Perp/L+][OC 24.00][ASI 1.00][NM 1]			
11 PLF	@ 6.5 to	11 @ 17.7	L [y=18.6][100%]
-13 PLF	@ 1.9 to	-13 @ 6.5	L [y=13.1][100%]
-10 PLF	@ 17.7 to	-10 @ 28.9	R [y=13.1][100%]
2 PLF	@ 0.9 to	2 @ 1.9	L [y=11.9][100%]
-6 PLF	@ 28.9 to	-6 @ 33.5	R [y=11.9][100%]
-12 PLF	@ 33.5 to	-12 @ 34.4	R [y=11.7][100%]
10 PLF	@ 0.9 to	10 @ 1.9	[y=21.7][0%]
10 PLF	@ 1.9 to	10 @ 6.5	[y=21.7][0%]
11 PLF	@ 6.5 to	11 @ 28.9	[y=21.7][0%]
10 PLF	@ 28.9 to	10 @ 33.5	[y=21.7][0%]
10 PLF	@ 33.5 to	10 @ 34.5	[y=21.7][0%]
10 PLF	@ 1.9 to	10 @ 33.5	[y= 6.5][0%]
Brg. # 1 Vert.R=		590.7 # Hor.R=	-112.3 #
[MWFERS ASCE Perp/L+][OC 24.00][ASI 1.00][NM 1]			
-12 PLF	@ 6.5 to	-12 @ 17.7	L [y=18.6][100%]
-10 PLF	@ 1.9 to	-10 @ 6.5	L [y=13.1][100%]
-21 PLF	@ 17.7 to	-21 @ 28.9	R [y=13.1][100%]
-39 PLF	@ 0.9 to	-39 @ 1.9	L [y=11.9][100%]
-17 PLF	@ 28.9 to	-17 @ 33.5	R [y=11.9][100%]
-12 PLF	@ 33.5 to	-12 @ 34.4	R [y=11.7][100%]
10 PLF	@ 0.9 to	10 @ 1.9	[y=21.7][0%]
10 PLF	@ 1.9 to	10 @ 6.5	[y=21.7][0%]
11 PLF	@ 6.5 to	11 @ 28.9	[y=21.7][0%]
10 PLF	@ 28.9 to	10 @ 33.5	[y=21.7][0%]
10 PLF	@ 33.5 to	10 @ 34.5	[y=21.7][0%]
10 PLF	@ 1.9 to	10 @ 33.5	[y= 6.5][0%]
Brg. # 1 Vert.R=		68.7 # Hor.R=	-34.1 #
[MWFERS ASCE Perp/L+][OC 24.00][ASI 1.00][NM 1]			
-1 PLF	@ 6.5 to	-1 @ 17.7	L [y=18.6][100%]
-13 PLF	@ 1.9 to	-13 @ 6.5	L [y=13.1][100%]
-10 PLF	@ 17.7 to	-10 @ 28.9	R [y=13.1][100%]
-39 PLF	@ 0.9 to	-39 @ 1.9	L [y=11.9][100%]
-6 PLF	@ 28.9 to	-6 @ 33.5	R [y=11.9][100%]
-12 PLF	@ 33.5 to	-12 @ 34.4	R [y=11.7][100%]
10 PLF	@ 0.9 to	10 @ 1.9	[y=21.7][0%]
10 PLF	@ 1.9 to	10 @ 6.5	[y=21.7][0%]
11 PLF	@ 6.5 to	11 @ 28.9	[y=21.7][0%]
10 PLF	@ 28.9 to	10 @ 33.5	[y=21.7][0%]
10 PLF	@ 33.5 to	10 @ 34.5	[y=21.7][0%]
10 PLF	@ 1.9 to	10 @ 33.5	[y= 6.5][0%]
Brg. # 1 Vert.R=		414.3 # Hor.R=	-34.1 #
[MWFERS ASCE Perp/R+][OC 24.00][ASI 1.00][NM 1]			
-21 PLF	@ 6.5 to	-21 @ 17.7	L [y=18.6][100%]
-6 PLF	@ 1.9 to	-6 @ 6.5	L [y=13.1][100%]
-12 PLF	@ 17.7 to	-12 @ 28.9	R [y=13.1][100%]
-13 PLF	@ 0.9 to	-13 @ 1.9	L [y=11.9][100%]
-24 PLF	@ 28.9 to	-24 @ 33.5	R [y=11.9][100%]
2 PLF	@ 33.5 to	2 @ 34.4	R [y=11.7][100%]
10 PLF	@ 0.9 to	10 @ 1.9	[y=21.7][0%]
10 PLF	@ 1.9 to	10 @ 6.5	[y=21.7][0%]
11 PLF	@ 6.5 to	11 @ 28.9	[y=21.7][0%]
10 PLF	@ 28.9 to	10 @ 33.5	[y=21.7][0%]
10 PLF	@ 33.5 to	10 @ 34.5	[y=21.7][0%]
10 PLF	@ 1.9 to	10 @ 33.5	[y= 6.5][0%]
Brg. # 1 Vert.R=		246.3 # Hor.R=	-112.8 #
[MWFERS ASCE Perp/R+][OC 24.00][ASI 1.00][NM 1]			
-10 PLF	@ 6.5 to	-10 @ 17.7	L [y=18.6][100%]
-6 PLF	@ 1.9 to	-6 @ 6.5	L [y=13.1][100%]
-12 PLF	@ 17.7 to	-12 @ 28.9	R [y=13.1][100%]
-13 PLF	@ 0.9 to	-13 @ 1.9	L [y=11.9][100%]
-24 PLF	@ 28.9 to	-24 @ 33.5	R [y=11.9][100%]
2 PLF	@ 33.5 to	2 @ 34.4	R [y=11.7][100%]
10 PLF	@ 0.9 to	10 @ 1.9	[y=21.7][0%]
10 PLF	@ 1.9 to	10 @ 6.5	[y=21.7][0%]
11 PLF	@ 6.5 to	11 @ 28.9	[y=21.7][0%]
10 PLF	@ 28.9 to	10 @ 33.5	[y=21.7][0%]
10 PLF	@ 33.5 to	10 @ 34.5	[y=21.7][0%]
10 PLF	@ 1.9 to	10 @ 33.5	[y= 6.5][0%]
Brg. # 1 Vert.R=		590.7 # Hor.R=	-112.3 #
[MWFERS ASCE Perp/R+][OC 24.00][ASI 1.00][NM 1]			
-21 PLF	@ 6.5 to	-21 @ 17.7	L [y=18.6][100%]
-17 PLF	@ 1.9 to	-17 @ 6.5	L [y=13.1][100%]
-12 PLF	@ 17.7 to	-12 @ 28.9	R [y=13.1][100%]
-12 PLF	@ 0.9 to	-12 @ 1.9	L [y=11.9][100%]
-24 PLF	@ 28.9 to	-24 @ 33.5	R [y=11.9][100%]
-39 PLF	@ 33.5 to	-39 @ 34.4	R [y=11.7][100%]
10 PLF	@ 0.9 to	10 @ 1.9	[y=21.7][0%]
10 PLF	@ 1.9 to	10 @ 6.5	[y=21.7][0%]
11 PLF	@ 6.5 to	11 @ 28.9	[y=21.7][0%]
10 PLF	@ 28.9 to	10 @ 33.5	[y=21.7][0%]
10 PLF	@ 33.5 to	10 @ 34.5	[y=21.7][0%]
10 PLF	@ 1.9 to	10 @ 33.5	[y= 6.5][0%]
Brg. # 1 Vert.R=		68.7 # Hor.R=	-34.1 #
[MWFERS ASCE Perp/R+][OC 24.00][ASI 1.00][NM 1]			
-10 PLF	@ 6.5 to	-10 @ 17.7	L [y=18.6][100%]
-6 PLF	@ 1.9 to	-6 @ 6.5	L [y=13.1][100%]
-1 PLF	@ 17.7 to	-1 @ 28.9	R [y=13.1][100%]
-12 PLF	@ 0.9 to	-12 @ 1.9	L [y=11.9][100%]
-39 PLF	@ 28.9 to	-39 @ 33.4	R [y=11.7][100%]
10 PLF	@ 0.9 to	10 @ 1.9	[y=21.7][0%]
10 PLF	@ 1.9 to	10 @ 6.5	[y=21.7][0%]
11 PLF	@ 6.5 to	11 @ 28.9	[y=21.7][0%]
10 PLF	@ 28.9 to	10 @ 33.5	[y=21.7][0%]
10 PLF	@ 33.5 to	10 @ 34.5	[y=21.7][0%]
10 PLF	@ 1.9 to	10 @ 33.5	[y= 6.5][0%]

-----Bearings----- [X-Loc] [React] [Size] -----
 [0.00] [217.1] [-113h] [0.67] [42.75] [217.1] [0.67]

EndPts	MaxT	MaxC	AXL	BND	SHR	CRIP	CSI	COMB	GLC	Length	Grade	Brace
0 - 2	1	-0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77	43TSC4.00	Diaph
2 - 5	21	-37.00	0.12	0.03	0.00	0.12	AB	1	27.68	43TSC4.00	Diaph	
6 - 7	910	-5286.38	0.30	0.13	0.00	0.66	AB	1	5.40	43TSC4.00	Diaph	
7 - 9	982	-6252.44	0.30	0.05	0.00	0.73	AB	1	31.08	43TSC4.00	Diaph	
9 - 11	1009	-6283.45	0.06	0.01	0.00	0.50	AB	1	2.89	43TSC4.00	Diaph	
11 - 14	991	-6175.44	0.12	0.04	0.00	0.55	AB	1	62.05	43TSC4.00	Diaph	
14 - 16	1104	-6767.48	0.09	0.34	0.00	0.55	AB	1	0.67	43TSC4.00	Diaph	
16 - 17	1164	-7139.39	0.08	0.10	0.00	0.46	AB	1	2.09	54TSC4.00	Diaph	
17 - 19	1274	-8615.48	0.15	0.03	0.00	0.62	AB	1	72.38	54TSC4.00	Diaph	
19 - 21	1332	-8776.48	0.03	0.05	0.00	0.51	AB	1	3.17	54TSC4.00	Diaph	
21 - 24	1205	-9273.52	0.13	0.02	0.00	0.64	AB	1	72.02	54TSC4.00	Diaph	
24 - 26	1203	-9273.52	0.13	0.02	0.00	0.64	AB	1	72.02	54TSC4.00	Diaph	
26 - 27	1331	-8776.48	0.03	0.05	0.00	0.51	AB	1	3.17	54TSC4.00	Diaph	
27 - 30	1274	-8615.48	0.15	0.03	0.00	0.62	AB	1	72.38	54TSC4.00	Diaph	
30 - 31	1164	-7139.39	0.08	0.10	0.00	0.46	AB	1	2.09	54TSC4.00	Diaph	
31 - 32	1103	-6767.48	0.09	0.34	0.00	0.55	AB	1	0.67	43TSC4.00	Diaph	
32 - 36	991	-6175.44	0.12	0.04	0.00	0.55	AB	1	62.05	43TSC4.00	Diaph	
36 - 37	1009	-6283.45	0.06	0.01	0.00	0.50	AB	1	2.89	43TSC4.00	Diaph	
37 - 40	982	-6252.44	0.30	0.05	0.00	0.73	AB	1	31.08	43TSC4.00	Diaph	
40 - 41	910	-5287.38	0.30	0.13	0.00	0.66	AB	1	5.40	43TSC4.00	Diaph	
41 - 44	21	-37.00	0.12	0.03	0.00	0.12	AB	1	27.68	43TSC4.00	Diaph	
44 - 46	1	-0.00	0.00	0.00	0.00	0.00	SB	1	0.77	43TSC4.00	Diaph	
1 - 3	0	-0.00	0.00	0.00	0.00	0.00	SB	1	0.75	28TSC4.00	@120°	
3 - 4	0	-0.00	0.05	0.06	0.00	0.07	SB	1	2.48	28TSC4.00	@120°	
4 - 5	4972	-836.58	0.05	0.05	0.00	0.44	AB	1	4.77	28TSC4.00	@120°	
5 - 8	4972	-836.58	0.23	0.08	0.00	0.62	AB	1	51.54	28TSC4.00	@120°	
8 - 10	6084	-917.71	0.16	0.16	0.00	0.65	AB	1	3.46	28TSC4.00	@120°	
10 - 12	6084	-917.71	0.43	0.10	0.00	0.92	AB	1	59.16	28TSC4.00	@120°	
12 - 13	5967	-877.70	0.05	0.07	0.00	0.52	AB	1	0.49	33TSC4.00	@120°	
13 - 15	5414	-784.55	0.09	0.44	0.00	0.46	AB	1	0.49	33TSC4.00	@120°	
15 - 18	6735	-992.85	0.03	0.01	0.00	0.86	AB	14	71.99	33TSC4.00	@120°	
18 - 20	8219	-1048.82	0.08	0.22	0.00	0.65	AB	1	3.20	33TSC4.00	@120°	
20 - 22	8620	-1103.93	0.05	0.01	0.00	0.97	AB	14	70.90	33TSC4.00	@120°	
22 - 23	9129	-923.89	0.05	0.06	0.00	0.68	AB	1	4.29	33TSC4.00	@120°	
23 - 25	9129	-921.89	0.05	0.06	0.00	0.68	AB	1	4.29	33TSC4.00	@120°	
25 - 28	8620	-1101.92	0.05	0.01	0.00	0.97	AB	15	70.90	33TSC4.00	@120°	
28 - 29	8219	-1047.82	0.08	0.22	0.00	0.65	AB	1	3.20	33TSC4.00	@120°	
29 - 33	6735	-991.85	0.03	0.01	0.00	0.86	AB	15	71.99	33TSC4.00	@120°	
33 - 34	5414	-783.55	0.09	0.44	0.00	0.46	AB	1	0.49	33TSC4.00	@120°	
34 - 35	5967	-876.70	0.05	0.07	0.00	0.52	AB	1	0.49	33TSC4.00	@120°	
35 - 38	6084	-918.71	0.43	0.10	0.00	0.92	AB	1	59.16	28TSC4.00	@120°	
38 - 39	6084	-918.71	0.16	0.16	0.00	0.65	AB	1	3.46	28TSC4.00	@120°	
39 - 42	4972	-836.58	0.23	0.08	0.00	0.62	AB	1	51.54	28TSC4.00	@120°	
42 - 43	4972	-836.58	0.05	0.05	0.00	0.44	AB	1	4.77	28TSC4.00	@120°	
43 - 45	0	0.00	0.00	0.06	0.00	0.07	SB	1	2.48	28TSC4.00	@120°	
45 - 47	0	-0.00	0.00	0.00	0.00	0.00	SB	1	0.75	28TSC4.00	@120°	

EndPts	MaxT	MaxC	AXL	BND	SHR	CRIP	CSI	COMB	GLC	Length	Grade	Brace
2 - 3	63	-157.04	0.04	0.00	0.00	0.04	AB	1	2.55	33W1.5x1.5		
4 - 6	894	-5319.72	0.00	0.00	0.00	0.72	AB	1	26.08	47W1.5x2.5		
7 - 8	1196	-175.35	0.00	0.00	0.00	0.22	AB	1	28.71	33W1.5x1.5		
9 - 10	141	-278.06	0.00	0.00	0.00	0.06	AB	1	18.12	33W1.5x1.5		
11 - 12	111	-123.04	0.00	0.00	0.00	0.04	AB	1	59.42	33W1.5x1.5		
14 - 15	465	-2739.69	0.00	0.00	0.00	0.69	AB	1	33.65	33W1.5x1.5		
17 - 18	1691	-104.50	0.00	0.00	0.00	0.31	AB	1	61.93	33W1.5x1.5		
19 - 20	130	-685.17	0.00	0.00	0.00	0.17	AB	1	33.49	33W1.5x1.5		
21 - 22	578	0.17	0.00	0.00	0.00	0.11	AB	1	60.67	33W1.5x1.5		
23 - 24	7890	-933.63	0.00	0.00	0.00	0.48	AB	1	33.49	63W1.5x3.5		
25 - 26	578	-49.17	0.00	0.00	0.00	0.11	AB	1	60.67	33W1.5x1.5		
27 - 28	131	-685.17	0.00	0.00	0.00	0.17	AB	1	33.49	33W1.5x1.5		
29 - 30	1691	-105.50	0.00	0.00	0.00	0.31	AB	1	61.93	33W1.5x1.5		
32 - 33	465	-2739.69	0.00	0.00	0.00	0.69	AB	1	33.65	33W1.5x1.5		
35 - 36	106	-123.04	0.00	0.00	0.00	0.04	AB	1	59.42	33W1.5x1.5		
37 - 38	141	-278.06	0.00	0.00	0.00	0.06	AB	1	18.12	33W1.5x1.5		
39 - 40	1196	-175.35	0.00	0.00	0.00	0.22	AB	1	28.71	33W1.5x1.5		
41 - 43	894	-5319.72	0.00	0.00	0.00	0.72	AB	1	26.08	47W1.5x2.5		
44 - 45	63	-157.04	0.00	0.00	0.00	0.04	AB	1	2.55	33W1.5x1.5		

Node	X-Loc	Y-Loc	deflY(L)	deflY(T)	dXl	MaxShear	GLC
0	0.00	10.35	0.00	0.00	0.00	0.01	0.02
1	0.00	10.15	0.00	0.00	0.00	0.00	0.00
2	0.06	10.37	0.00	0.00	0.00	0.01	0.02
3	0.06	10.15	0.00	0.00	0.00	0.00	0.00
4	0.27	10.15	0.00	0.00	0.00	0.00	0.00
5	0.67	10.15	0.03	0.00	0.06	0.00	0.00
6	2.30	10.93	0.18	0.00	0.30	0.00	0.10
7	2.74	11.04	0.22	0.00	0.36	0.00	0.12
8	4.96	10.15	0.37	0.00	0.61	0.01	0.02
9	5.25	11.66	0.39	0.00	0.64	0.01	0.17
10	5.25	10.15	0.39	0.00	0.64	0.02	0.03
11	5.48	11.72	0.40	0.00	0.66	0.11	0.18
12	10.18	10.15	0.61	0.00	1.02	0.50	0.06
13	10.46	10.15	0.62	0.00	1.03	0.50	0.04
14	10.50	12.98	0.63	0.00	1.05	0.49	0.15
15	10.50	10.17	0.62	0.00	1.03	0.49	0.04
16	10.55	12.99	0.63	0.00	1.05	0.48	0.15
17	10.71	13.07	0.64	0.00	1.07	0.48	0.15
18	15.87	12.86	0.81	0.00	1.35	0.38	0.16
19	16.10	15.76	0.82	0.00	1.37	0.37	0.23
20	16.10	12.97	0.82	0.00	1.36	0.37	0.16
21	16.34	15.88	0.82	0.00	1.37	0.37	0.23
22	21.39	15.62	0.88	0.00	1.47	0.35	0.23
23	21.71	15.78	0.88	0.00	1.47	0.35	0.23
24	21.71	18.57	0.87	0.00	1.46	0.35	0.23
25	22.03	15.62	0.88	0.00	1.47	0.35	0.23
26	27.08	15.88	0.82	0.00	1.37	0.37	0.23
27	27.31	15.76	0.82	0.00	1.37	0.37	0.23
28	27.31	12.97	0.82	0.00	1.36	0.37	0.16
29	27.55	12.86	0.81	0.00	1.35	0.38	0.16
30	32.71	13.07	0.61	0.00	1.07	0.48	0.15
31	32.86	12.99	0.63	0.00	1.05	0.48	0.15
32	32.92	12.98	0.63	0.00	1.05	0.49	0.15
33	32.92	10.17	0.62	0.00	1.03	0.49	0.04
34	32.95	10.15	0.62	0.00	1.03	0.50	0.04
35	33.24	10.15	0.61	0.00	1.02	0.50	0.04
36	37.93	11.72	0.40	0.00	0.66	0.11	0.18
37	38.17	11.66	0.39	0.00	0.64	0.01	0.17
38	38.17	10.15	0.39	0.00	0.64	0.02	0.03
39	38.46	10.15	0.37	0.00	0.61	0.01	0.17
40	40.68	11.04	0.22	0.00	0.36	0.00	0.11
41	41.12	10.93	0.18	0.00	0.30	0.00	0.10
42	42.75	10.15	0.03	0.00	0.06	0.00	0.04
43	43.15	10.15	0.00	0.00	0.00	0.00	0.00
44	43.35	10.37	0.00	0.00	0.00	0.01	0.02
45	43.35	10.15	0.00	0.00	0.00	0.00	0.00
46	43.42	10.35	0.00	0.00	0.00	0.00	0.00
47	43.42	10.15	0.00	0.00	0.00	0.00	0.00

[STD.AUTO.LOAD]	[OC 24.00]	[ASI 1.00]	[NM 1]
60 PLF @ 0.0 to 60 @ 43.4 [y=21.7] [67%]			
40 PLF @ 0.0 to 40 @ 43.4 [y= 5.0] [50%]			
Brg. # 1 Vert.R= 2170.8 # Hor.R= -0.0 #			
Brg. # 2 Vert.R= 2170.8 # Hor.R= 0.0 #			
[HMFRS ASCE Perp/L+]	[OC 24.00]	[ASI 1.00]	[NM 1]
1 PLF @ 10.5 to 1 @ 21.7 L [y=18.7] [100%]			
-21 PLF @ 0.0 to -21 @ 10.5 L [y=13.1] [100%]			
-21 PLF @ 21.7 to -21 @ 32.9 R [y=13.1] [100%]			
-17 PLF @ 32.9 to -17 @ 43.4 R [y=10.5] [100%]			
10 PLF @ 0.0 to 10 @ 10.5 [y=21.7] [0%]			
11 PLF @ 10.5 to 11 @ 32.9 [y=21.7] [0%]			
10 PLF @ 32.9 to 10 @ 43.4 [y=21.7] [0%]			
10 PLF @ 0.0 to 10 @ 10.5 [y= 5.0] [0%]			
11 PLF @ 10.5 to 11 @ 21.7 [y= 5.0] [0%]			
11 PLF @ 21.7 to 11 @ 32.9 [y= 5.0] [0%]			
10 PLF @ 32.9 to 10 @ 43.4 [y= 5.0] [0%]			
Brg. # 1 Vert.R= 150.9 # Hor.R= -113.0 #			
Brg. # 2 Vert.R= 152.6 # Hor.R= -0.0 #			
[HMFRS ASCE Perp/L+]	[OC 24.00]	[ASI 1.00]	[NM 1]
12 PLF @ 10.5 to 12 @ 21.7 L [y=18.7] [100%]			
-10 PLF @ 0.0 to -10 @ 10.5 L [y=13.1] [100%]			
-10 PLF @ 21.7 to -10 @ 32.9 R [y=13.1] [100%]			
-6 PLF @ 32.9 to -6 @ 43.4 R [y=10.5] [100%]			
10 PLF @ 0.0 to 10 @ 10.5 [y=21.7] [0%]			
11 PLF @ 10.5 to 11 @ 32.9 [y=21.7] [0%]			
10 PLF @ 32.9 to 10 @ 43.4 [y=21.7] [0%]			
10 PLF @ 0.0 to 10 @ 10.5 [y= 5.0] [0%]			
11 PLF @ 10.5 to 11 @ 21.7 [y= 5.0] [0%]			
11 PLF @ 21.7 to 11 @ 32.9 [y= 5.0] [0%]			
10 PLF @ 32.9 to 10 @ 43.4 [y= 5.0] [0%]			
Brg. # 1 Vert.R= 388.2 # Hor.R= -113.0 #			
Brg. # 2 Vert.R= 389.9 # Hor.R= -0.0 #			
[HMFRS ASCE Perp/L+]	[OC 24.00]	[ASI 1.00]	[NM 1]
11 PLF @ 10.5 to 11 @ 21.7 L [y=18.7] [100%]			
-21 PLF @ 0.0 to -21 @ 10.5 L [y=13.1] [100%]			
-21 PLF @ 21.7 to -21 @ 32.9 R [y=13.1] [100%]			
-17 PLF @ 32.9 to -17 @ 43.4 R [y=10.5] [100%]			
10 PLF @ 0.0 to 10 @ 10.5 [y=21.7] [0%]			
11 PLF @ 10.5 to 11 @ 32.9 [y=21.7] [0%]			
10 PLF @ 32.9 to 10 @ 43.4 [y=21.7] [0%]			
10 PLF @ 0.0 to 10 @ 10.5 [y= 5.0] [0%]			
11 PLF @ 10.5 to 11 @ 21.7 [y= 5.0] [0%]			
11 PLF @ 21.7 to 11 @ 32.9 [y= 5.0] [0%]			
10 PLF @ 32.9 to 10 @ 43.4 [y= 5.0] [0%]			
Brg. # 1 Vert.R= 71.4 # Hor.R= -42.7 #			
Brg. # 2 Vert.R= 91.2 # Hor.R= -0.0 #			
[HMFRS ASCE Perp/L+]	[OC 24.00]	[ASI 1.00]	[NM 1]
-10 PLF @ 0.0 to -10 @ 10.5 L [y=13.1] [100%]			
-10 PLF @ 21.7 to -10 @ 32.9 R [y=13.1] [100%]			
-6 PLF @ 32.9 to -6 @ 43.4 R [y=10.5] [100%]			
10 PLF @ 0.0 to 10 @ 10.5 [y=21.7] [0%]			
11 PLF @ 10.5 to 11 @ 32.9 [y=21.7] [0%]			
10 PLF @ 32.9 to 10 @ 43.4 [y=21.7] [0%]			
10 PLF @ 0.0 to 10 @ 10.5 [y= 5.0] [0%]			
11 PLF @ 10.5 to 11 @ 21.7 [y= 5.0] [0%]			
11 PLF @ 21.7 to 11 @ 32.9 [y= 5.0] [0%]			
10 PLF @ 32.9 to 10 @ 43.4 [y= 5.0] [0%]			
Brg. # 1 Vert.R= 311.1 # Hor.R= -44.7 #			
Brg. # 2 Vert.R= 330.4 # Hor.R= -0.0 #			
[HMFRS ASCE Perp/R+]	[OC 24.00]	[ASI 1.00]	[NM 1]
-21 PLF @ 10.5 to -21 @ 21.7 L [y=18.7] [100%]			
-17 PLF @ 0.0 to -17 @ 10.5 L [y=13.1] [100%]			
1 PLF @ 21.7 to 1 @ 32.9 R [y=13.1] [100%]			
-21 PLF @ 32.9 to -21 @ 43.4 R [y=10.5] [100%]			
10 PLF @ 0.0 to 10 @ 10.5 [y=21.7] [0%]			
11 PLF @ 10.5 to 11 @ 32.9 [y=21.7] [0%]			
10 PLF @ 32.9 to 10 @ 43.4 [y=21.7] [0%]			
10 PLF @ 0.0 to 10 @ 10.5 [y= 5.0] [0%]			
11 PLF @ 10.5 to 11 @ 21.7 [y= 5.0] [0%]			
11 PLF @ 21.7 to 11 @ 32.9 [y= 5.0] [0%]			
10 PLF @ 32.9 to 10 @ 43.4 [y= 5.0] [0%]			
Brg. # 1 Vert.R= 152.6 # Hor.R= 113.0 #			
Brg. # 2 Vert.R= 150.9 # Hor.R= -0.0 #			
[HMFRS ASCE Perp/R+]	[OC 24.00]	[ASI 1.00]	[NM 1]
-10 PLF @ 10.5 to -10 @ 21.7 L [y=18.7] [100%]			
-6 PLF @ 0.0 to -6 @ 10.5 L [y=13.1] [100%]			
12 PLF @ 21.7 to 12 @ 32.9 R [y=13.1] [100%]			
-10 PLF @ 32.9 to -10 @ 43.4 R [y=10.5] [100%]			
10 PLF @ 0.0 to 10 @ 10.5 [y=21.7] [0%]			
11 PLF @ 10.5 to 11 @ 32.9 [y=21.7] [0%]			
10 PLF @ 32.9 to 10 @ 43.4 [y=21.7] [0%]			
10 PLF @ 0.0 to 10 @ 10.5 [y= 5.0] [0%]			
11 PLF @ 10.5 to 11 @ 21.7 [y= 5.0] [0%]			
11 PLF @ 21.7 to 11 @ 32.9 [y= 5.0] [0%]			
10 PLF @ 32.9 to 10 @ 43.4 [y= 5.0] [0%]			
Brg. # 1 Vert.R= 152.6 # Hor.R= 113.0 #			
Brg. # 2 Vert.R= 150.9 # Hor.R= -0.0 #			
[HMFRS ASCE Perp/R+]	[OC 24.00]	[ASI 1.00]	[NM 1]
-10 PLF @ 10.5 to -10 @ 21.7 L [y=18.7] [100%]			
-6 PLF @ 0.0 to -6 @ 10.5 L [y=13.1] [100%]			
12 PLF @ 21.7 to 12 @ 32.9 R [y=13.1] [100%]			
-10 PLF @ 32.9 to -10 @ 43.4 R [y=10.5] [100%]			
10 PLF @ 0.0 to 10 @ 10.5 [y=21.7] [0%]			
11 PLF @ 10.5 to 11 @ 32.9 [y=21.7] [0%]			
10 PLF @ 32.9 to 10 @ 43.4 [y=21.7] [0%]			
10 PLF @ 0.0 to 10 @ 10.5 [y= 5.0] [0%]			
11 PLF @ 10.5 to 11 @ 21.7 [y= 5.0] [0%]			
11 PLF @ 21.7 to 11 @ 32.9 [y= 5.0] [0%]			
10 PLF @ 32.9 to 10 @ 43.4 [y= 5.0] [0%]			
Brg. # 1 Vert.R= 389.9 # Hor.R= 113.0 #			
Brg. # 2 Vert.R= 388.2 # Hor.R= -0.0 #			
[HMFRS ASCE Perp/R+]	[OC 24.00]	[ASI 1.00]	[NM 1]
-21 PLF @ 10.5 to -21 @ 21.7 L [y=18.7] [100%]			
-17 PLF @ 0.0 to -17 @ 10.5 L [y=13.1] [100%]			
-21 PLF @ 21.7 to -21 @ 32.9 R [y=13.1] [100%]			
-21 PLF @ 32.9 to -21 @ 43.4 R [y=10.5] [100%]			
10 PLF @ 0.0 to 10 @ 10.5 [y=21.7] [0%]			
11 PLF @ 10.5 to 11 @ 32.9 [y=21.7] [0%]			
10 PLF @ 32.9 to 10 @ 43.4 [y=21.7] [0%]			
10 PLF @ 0.0 to 10 @ 10.5 [y= 5.0] [0%]			
11 PLF @ 10.5 to 11 @ 21.7 [y= 5.0] [0%]			
11 PLF @ 21.7 to 11 @ 32.9 [y= 5.0] [0%]			
10 PLF @ 32.9 to 10 @ 43.4 [y= 5.0] [0%]			
Brg. # 1 Vert.R= 91.2 # Hor.R= 42.7 #			
Brg. # 2 Vert.R= 71.4 # Hor.R= 0.0 #			
[HMFRS ASCE Perp/R+]	[OC 24.00]	[ASI 1.00]	[NM 1]
-10 PLF @ 10.5 to -10 @ 21.7 L [y=18.7] [100%]			
-6 PLF @ 0.0 to -6 @ 10.5 L [y=13.1] [100%]			
-10 PLF @ 32.9 to -10 @ 43.4 R [y=10.5] [100%]			
10 PLF @ 0.0 to 10 @ 10.5 [y=21.7] [0%]			
11 PLF @ 10.5 to 11 @ 32.9 [y=21.7] [0%]			
10 PLF @ 32.9 to 10 @ 43.4 [y=21.7] [0%]			
10 PLF @ 0.0 to 10 @ 10.5 [y= 5.0] [0%]			
11 PLF @ 10.5 to 11 @ 21.7 [y= 5.0] [0%]			
11 PLF @ 21.7 to 11 @ 32.9 [y= 5.0] [0%]			
10 PLF @ 32.9 to 10 @ 43.4 [y= 5.0] [0%]			
Brg. # 1 Vert.R= 330.4 # Hor.R= 44.7 #			
Brg. # 2 Vert.R= 311.1 # Hor.R= -0.0 #			

[ALPINE][AISI 86/89 + FBC][A1 43°5' Common][Page 1]
[TCLL 20.0][TCLD 10.0][BCLD 10.0][BCLL 10.0][ASI 1.00][OC 24.0][NM 1][SOFFIT 2.0]
-----Bearings----- [X-Loc][React][Size] -----
[0.00][2267][-119h][0.67] [42.75][2267][0.67]

EndPts	MaxT	MaxC	AXL	BND	SHR	CRIP	CS1	COMB	GLC	Length	Grade	Brace
0 - 2	24	-0.00	0.00	0.05	0.02	0.00	0.05	AB	1	19.33	43TSC4.00	Diaph
2 - 6	54	-28.00	0.00	0.05	0.02	0.00	0.05	AB	14	19.43	43TSC4.00	Diaph
6 - 7	1291	-4712.03	0.22	0.17	0.00	0.55	AB	1	4.71	43TSC4.00	Diaph	
7 - 9	1637	-6211.44	0.23	0.04	0.00	0.65	AB	1	40.02	43TSC4.00	Diaph	
9 - 11	1681	-6222.44	0.07	0.01	0.00	0.50	AB	1	2.89	43TSC4.00	Diaph	
11 - 14	1640	-6143.44	0.13	0.04	0.00	0.55	AB	1	62.05	43TSC4.00	Diaph	
14 - 16	1821	-6733.48	0.09	0.34	0.00	0.55	AB	1	0.67	43TSC4.00	Diaph	
16 - 17	1913	-7104.39	0.08	0.10	0.00	0.46	AB	1	2.09	54TSC4.00	Diaph	
17 - 19	2148	-8581.08	0.15	0.03	0.00	0.62	AB	1	72.38	54TSC4.00	Diaph	
19 - 21	2241	-8742.48	0.03	0.05	0.00	0.50	AB	1	3.17	54TSC4.00	Diaph	
21 - 24	2083	-9239.52	0.13	0.02	0.00	0.64	AB	1	72.02	54TSC4.00	Diaph	
24 - 26	2083	-9239.52	0.13	0.02	0.00	0.64	AB	1	72.02	54TSC4.00	Diaph	
26 - 27	2245	-8742.48	0.03	0.05	0.00	0.50	AB	1	3.17	54TSC4.00	Diaph	
27 - 30	2152	-8581.08	0.15	0.03	0.00	0.62	AB	1	72.38	54TSC4.00	Diaph	
30 - 31	1915	-7104.39	0.08	0.10	0.00	0.46	AB	1	2.09	54TSC4.00	Diaph	
31 - 32	1822	-6733.48	0.09	0.34	0.00	0.55	AB	1	0.67	43TSC4.00	Diaph	
32 - 36	1640	-6143.44	0.13	0.04	0.00	0.55	AB	1	62.05	43TSC4.00	Diaph	
36 - 37	1681	-6222.44	0.07	0.01	0.00	0.50	AB	1	2.89	43TSC4.00	Diaph	
37 - 40	1636	-6211.44	0.23	0.04	0.00	0.65	AB	1	40.02	43TSC4.00	Diaph	
40 - 41	1291	-4712.03	0.22	0.17	0.00	0.55	AB	1	4.71	43TSC4.00	Diaph	
41 - 44	54	-28.00	0.05	0.02	0.00	0.05	AB	15	19.43	43TSC4.00	Diaph	
44 - 47	24	-0.00	0.05	0.02	0.00	0.05	AB	1	19.33	43TSC4.00	Diaph	
1 - 3	0	-0.00	0.00	0.00	0.00	0.00	SB	1	0.75	28TSC4.00	@ 69°	
3 - 4	0	-0.00	0.06	0.09	0.00	0.10	SB	1	2.42	28TSC4.00	@ 69°	
4 - 5	4368	-1151.51	0.06	0.05	0.00	0.41	AB	1	4.83	28TSC4.00	@ 69°	
5 - 8	4368	-1151.54	0.05	0.03	0.00	0.58	AB	15	50.28	28TSC4.00	@ 69°	
8 - 10	6021	-1522.70	0.16	0.15	0.00	0.64	AB	1	4.72	28TSC4.00	@ 69°	
10 - 12	6021	-1522.91	0.10	0.04	0.00	1.00	AB	15	59.16	28TSC4.00	@ 69°	
12 - 13	5936	-1464.69	0.05	0.07	0.00	0.52	AB	1	3.40	28TSC4.00	@ 69°	
13 - 15	5382	-1314.55	0.09	0.44	0.00	0.46	AB	1	0.49	33TSC4.00	@ 69°	
15 - 18	6701	-1649.79	0.03	0.01	0.00	0.81	AB	14	71.99	33TSC4.00	@ 58°	
18 - 20	8185	-1836.81	0.08	0.22	0.00	0.64	AB	1	3.20	33TSC4.00	@ 58°	
20 - 22	8586	-1927.92	0.07	0.01	0.00	0.98	AB	14	70.90	33TSC4.00	@ 58°	
22 - 23	9095	-1715.89	0.05	0.06	0.00	0.67	AB	1	4.29	33TSC4.00	@ 58°	
23 - 25	9095	-1716.89	0.05	0.06	0.00	0.67	AB	1	4.29	33TSC4.00	@ 58°	
25 - 28	8586	-1931.92	0.07	0.01	0.00	0.98	AB	14	70.90	33TSC4.00	@ 58°	
28 - 29	8185	-1841.81	0.08	0.22	0.00	0.64	AB	1	3.20	33TSC4.00	@ 58°	
29 - 33	6701	-1658.79	0.03	0.01	0.00	0.81	AB	14	71.99	33TSC4.00	@ 58°	
33 - 34	5382	-1322.55	0.09	0.44	0.00	0.46	AB	1	0.49	33TSC4.00	@ 58°	
34 - 35	5936	-1472.69	0.05	0.07	0.00	0.52	AB	1	3.40	28TSC4.00	@ 67°	
35 - 38	6021	-1532.91	0.10	0.04	0.00	1.00	AB	14	59.16	28TSC4.00	@ 67°	
38 - 39	6021	-1532.70	0.16	0.15	0.00	0.64	AB	1	4.72	28TSC4.00	@ 67°	
39 - 42	4368	-1161.54	0.05	0.03	0.00	0.58	AB	14	50.28	28TSC4.00	@ 67°	
42 - 43	4368	-1161.51	0.06	0.05	0.00	0.41	AB	1	4.83	28TSC4.00	@ 67°	
43 - 45	0	-0.00	0.06	0.09	0.00	0.10	SB	1	2.42	28TSC4.00	@ 67°	
45 - 46	0	-0.00	0.00	0.00	0.00	0.00	SB	1	0.75	28TSC4.00	@ 67°	

EndPts	MaxT	MaxC	AXL	BND	SHR	CRIP	CS1	COMB	GLC	Length	Grade	Brace
2-3	191	-216.06	0.00	0.00	0.00	0.04	AB	1	2.55	33W1.5x1.5		
4-6	1270	-4776.63	0.00	0.00	0.00	0.63	AB	1	17.96	47W1.5x2.5		
7-8	1702	-399.50	0.00	0.00	0.00	0.32	AB	1	35.13	33W1.5x1.5		
9-10	188	-241.06	0.00	0.00	0.00	0.06	AB	1	18.12	33W1.5x1.5		
11-12	120	-89.04	0.00	0.00	0.00	0.02	AB	2	59.42	33W1.5x1.5		
14-15	750	-2733.68	0.00	0.00	0.00	0.68	AB	1	33.65	33W1.5x1.5		
17-18	1692	-244.50	0.00	0.00	0.00	0.31	AB	1	61.93	33W1.5x1.5		
19-20	207	-685.17	0.00	0.00	0.00	0.17	AB	1	33.49	33W1.5x1.5		
21-22	578	-0.17	0.00	0.00	0.00	0.11	AB	1	60.67	33W1.5x1.5		
23-24	7859	-1685.63	0.00	0.00	0.00	0.47	AB	1	33.49	63W1.5x3.5		
25-26	578	-50.17	0.00	0.00	0.00	0.11	AB	1	60.67	33W1.5x1.5		
27-28	204	-685.17	0.00	0.00	0.00	0.17	AB	1	33.49	33W1.5x1.5		
29-30	1692	-240.50	0.00	0.00	0.00	0.31	AB	1	61.93	33W1.5x1.5		
32-33	750	-2733.68	0.00	0.00	0.00	0.68	AB	1	33.65	33W1.5x1.5		
35-36	115	-89.03	0.00	0.00	0.00	0.02	AB	6	59.42	33W1.5x1.5		
37-38	188	-241.06	0.00	0.00	0.00	0.06	AB	1	18.12	33W1.5x1.5		
39-40	1702	-399.50	0.00	0.00	0.00	0.32	AB	1	35.13	33W1.5x1.5		
41-43	1269	-4776.63	0.00	0.00	0.00	0.63	AB	1	17.96	47W1.5x2.5		
44-45	191	-216.06	0.00	0.00	0.00	0.04	AB	1	2.55	33W1.5x1.5		

Node	X-Loc	Y-Loc	deflY(L)	deflY(T)	dxL	dxT	MaxShear	GLC
0	-1.50	9.98	0.04 L/969	0.05 L/695	0.01	0.01	-0	1
1	0.00	10.15	0.01 L/609	0.01 L/437	0.00	0.00	0	15
2	0.06	10.37	0.00 L/617	0.01 L/443	0.01	0.02	-112	1
3	0.06	10.15	0.00 L/610	0.01 L/438	0.00	0.00	218	1
4	0.26	10.15	0.00 L/999	0.00 L/999	0.00	0.00	226	1
5	0.67	10.15	0.03 L/999	0.05 L/999	0.00	0.00	-92	1
6	1.63	10.76	0.12 L/999	0.20 L/999	0.05	0.08	-836	1
7	2.01	10.85	0.15 L/999	0.25 L/999	0.05	0.09	-814	1
8	4.86	10.15	0.35 L/999	0.58 L/888	0.01	0.02	-332	1
9	5.25	11.66	0.38 L/999	0.62 L/824	0.10	0.17	171	1
10	5.25	10.15	0.38 L/999	0.62 L/825	0.01	0.02	-317	1
11	5.48	11.72	0.39 L/999	0.65 L/795	0.10	0.17	-98	1
12	10.18	10.15	0.60 L/858	1.00 L/516	0.03	0.06	150	1
13	10.46	10.15	0.61 L/847	1.01 L/509	0.03	0.06	-2510	1
14	10.50	12.98	0.62 L/831	1.03 L/500	0.15	0.25	-2458	1
15	10.50	10.17	0.61 L/844	1.01 L/507	0.04	0.06	-2509	1
16	10.55	12.99	0.62 L/828	1.03 L/498	0.15	0.25	-2455	1
17	10.71	13.07	0.63 L/818	1.05 L/492	0.15	0.25	-927	1
18	15.87	12.86	0.80 L/644	1.33 L/387	0.16	0.26	-690	1
19	16.10	15.76	0.81 L/636	1.35 L/383	0.22	0.37	-432	1
20	16.10	12.97	0.81 L/638	1.34 L/384	0.16	0.27	-682	1
21	16.34	15.88	0.81 L/632	1.35 L/380	0.22	0.37	-419	1
22	21.39	15.62	0.87 L/591	1.45 L/355	0.22	0.37	-165	1
23	21.71	15.78	0.87 L/590	1.45 L/355	0.23	0.38	-154	1
24	21.71	18.57	0.86 L/596	1.44 L/358	0.23	0.38	-154	1
25	22.03	15.62	0.87 L/591	1.45 L/355	0.23	0.38	165	1
26	27.08	15.88	0.81 L/632	1.35 L/380	0.23	0.38	419	1
27	27.31	15.76	0.81 L/636	1.35 L/383	0.23	0.38	432	1
28	27.31	12.97	0.81 L/638	1.34 L/384	0.29	0.49	682	1
29	27.55	12.86	0.80 L/644	1.33 L/387	0.30	0.49	690	1
30	32.71	13.07	0.63 L/818	1.05 L/492	0.30	0.50	927	1
31	32.86	12.99	0.62 L/828	1.03 L/498	0.30	0.51	2454	1
32	32.92	12.98	0.62 L/831	1.03 L/500	0.30	0.51	2458	1
33	32.92	10.17	0.61 L/844	1.01 L/507	0.42	0.69	2509	1
34	32.95	10.15	0.61 L/847	1.01 L/509	0.42	0.70	2510	1
35	33.24	10.15	0.60 L/858	1.00 L/516	0.42	0.70	-150	1
36	37.93	11.72	0.39 L/999	0.65 L/795	0.35	0.58	98	1
37	38.17	11.66	0.38 L/999	0.62 L/824	0.35	0.58	-171	1
38	38.17	10.15	0.38 L/999	0.62 L/825	0.44	0.73	317	1
39	38.56	10.15	0.35 L/999	0.58 L/888	0.44	0.73	332	1
40	41.40	10.85	0.15 L/999	0.25 L/999	0.40	0.66	814	1
41	41.78	10.76	0.12 L/999	0.20 L/999	0.41	0.67	836	1
42	42.75	10.15	0.03 L/999	0.05 L/999	0.45	0.75	92	1
43	43.15	10.15	0.00 L/999	0.00 L/999	0.45	0.75	-226	1
44	43.35	10.37	0.00 L/612	0.01 L/439	0.44	0.73	112	1
45	43.35	10.15	0.00 L/606	0.01 L/435	0.45	0.75	-218	1
46	43.42	10.15	0.01 L/604	0.01 L/433	0.45	0.75	-0	1
47	44.92	9.98	0.04 L/962	0.05 L/690	0.03	0.05	-0	1

2.0	[STO.AUTO.LOAD][OC 24.00][ASI 1.00][NM 1]
60 PLF @ -1.5 to 60 @ 44.9 [y=21.7] [67%]	
40 PLF @ 0.0 to 40 @ 43.4 [y= 4.8] [50%]	