

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID: ISU0215-Z0720120056

Truss Fabricator: W.B. Howland
Job Identification: 3095-/Brian and Angie Neitzke R /OWNER BUILDER -- Columbia County, FL
Truss Count: 26
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.20.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 32.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed



Seal Date: 01/20/2006

Notes:

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 ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

-Truss Design Engineer-
James F. Collins Jr.

Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

Details: A11030EE-GBLLETIN-A11015EE-BRCLBSUB

#	Ref	Description	Drawing#	Date
1	04155--A1GE	27' Gable	06019073	01/19/06
2	04156-A2	27' Stepdown	06019078	01/19/06
3	04157-A3	27' Stepdown	06019070	01/19/06
4	04158-B1GE	23'4"8 Gabl	06019059	01/19/06
5	04159-B2	23'4"8 Common	06019060	01/19/06
6	04160--C1GE	18' Gable	06019056	01/19/06
7	04161--C2	18' Common	06019067	01/19/06
8	04162--D1GE	13' Gable	06019057	01/19/06
9	04163--D2	13' Common	06019061	01/19/06
10	04164--F1GE	26' Gable	06019069	01/19/06
11	04165-F2	26' Stepdown	06019075	01/19/06
12	04166-F3G	(2-PLY) 26'	06019071	01/19/06
13	04167-F4	26' Stepdown	06019076	01/19/06
14	04168--F5	8'9" Common	06019074	01/19/06
15	04169-F6GE	7'10" Gable	06019077	01/19/06
16	04170--J1	1' Jack	06019062	01/19/06
17	04171--J3	3' Jack	06019063	01/19/06
18	04172--J5	5' Jack	06019064	01/19/06
19	04173--J6	6'4" Mono	06019081	01/19/06
20	04174-J6A	5'9"11 End J	06019058	01/19/06
21	04175-J6B	4'4" End Jac	06019066	01/19/06
22	04176-J6C	5'6"3 End Ja	06019065	01/19/06
23	04177-J6D	6'4" End Jac	06019068	01/19/06
24	04178-JH	8'11"8 Hip Ja	06019079	01/19/06
25	04179-PB-A1	4'3"12 Com	06019080	01/19/06
26	04180-PB-F1	8'9"7 Comm	06019072	01/19/06



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Page 1 of 1 Document ID: ISU0215-Z0720120056

Truss Fabricator: W.B. Howland
Job Identification: 3095-/Brian and Angie Neitzke R /OWNER BUILDER -- Columbia County, FL
Truss Count: 4
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.20.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 32.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

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 ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Seal Date: 01/20/2006

-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

Revised Trusses

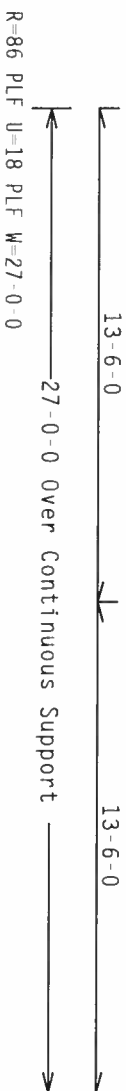
#	Ref	Description	Drawing#	Date
1	04164--F1GE	26' Gable	06019069	01/19/06
2	04165-F2	26' Stepdown	06019075	01/19/06
3	04166-F3G (2-PLY)	26'	06019071	01/19/06
4	04167-F4	26' Stepdown	06019076	01/19/06



110 mph wind, 16.26 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Defective 1/2000 times used 1/2000 4-4-1 1-1-1

See DWGS A11030EE0405 & GBLLETT10405 for more requirements.
Plates sized for a minimum of 3.00 sq.in./piece.



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PLT TYP. Wave/R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)

 $Cq/RT=1.00(1.25)/10(0)$

7.20.0918-19 QTY:1

QTY:1 FL/-/5/-/-/R/-

Scale = .1875"/Ft.

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

PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF RDS (NATIONAL DESIGN SPEC, BY AASHTO) AND TPI. ALPINE

CONNECTION PLATES ARE MADE OF 20/18/16GA (W.11/5/K) ASTM A653 GRADE 40/60 (H. K/H.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF JOINTS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN POSITION OR OTHERWISE NOTED.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IP11-2002 SEC 3 A STAI ON THIS

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2,

10

QTY: 1

918-999-9999

COLLINS

STATE OF FLORIDA

PROFESSIONAL ENGINEER

NO. B22712

Jan 20 06

TC LL	20.0 PSF	REF	R215 - - 4155
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	HCUSR215 06013073
BC LL	0.0 PSF	HC-ENG	RA/WHK
TOT.LD.	40.0 PSF	SEQN-	101057
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SU0215_Z07

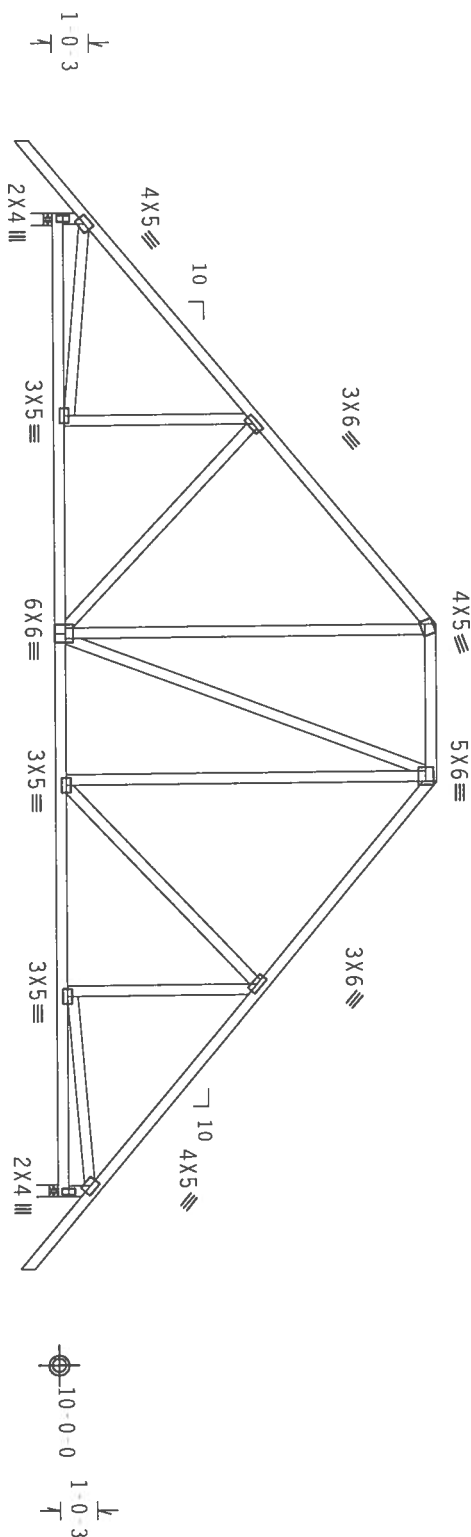
ALPINE
Alpine Engineered Products, Inc.
14400 N. 19th Ave.
Phoenix, AZ 85022
FL Certificate of Authorization # 567

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE PRESS IN CONFORMANCE WITH THE FOLLOWING PROVISIONS OF FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (A550, A588, A590, A595, A598, A599, A606, A607, A608, A609, A610, A611, A612, A613, A614, A615, A616, A617, A618, A619, A620, A621, A622, A623, A624, A625, A626, A627, A628, A629, A630, A631, A632, A633, A634, A635, A636, A637, A638, A639, A640, A641, A642, A643, A644, A645, A646, A647, A648, A649, A650, A651, A652, A653, A654, A655, A656, A657, A658, A659, A660, A661, A662, A663, A664, A665, A666, A667, A668, A669, A670, A671, A672, A673, A674, A675, A676, A677, A678, A679, A680, A681, A682, A683, A684, A685, A686, A687, A688, A689, A690, A691, A692, A693, A694, A695, A696, A697, A698, A699, A700, A701, A702, A703, A704, A705, A706, A707, A708, A709, A710, A711, A712, A713, A714, A715, A716, A717, A718, A719, A720, A721, A722, A723, A724, A725, A726, A727, A728, A729, A730, A731, A732, A733, A734, A735, A736, A737, A738, A739, A740, A741, A742, A743, A744, A745, A746, A747, A748, A749, A750, A751, A752, A753, A754, A755, A756, A757, A758, A759, A760, A761, A762, A763, A764, A765, A766, A767, A768, A769, A770, A771, A772, A773, A774, A775, A776, A777, A778, A779, A780, A781, A782, A783, A784, A785, A786, A787, A788, A789, A790, A791, A792, A793, A794, A795, A796, A797, A798, A799, A800, A801, A802, A803, A804, A805, A806, A807, A808, A809, A810, A811, A812, A813, A814, A815, A816, A817, A818, A819, A820, A821, A822, A823, A824, A825, A826, A827, A828, A829, A830, A831, A832, A833, A834, A835, A836, A837, A838, A839, A840, A841, A842, A843, A844, A845, A846, A847, A848, A849, A850, A851, A852, A853, A854, A855, A856, A857, A858, A859, A860, A861, A862, A863, A864, A865, A866, A867, A868, A869, A870, A871, A872, A873, A874, A875, A876, A877, A878, A879, A880, A881, A882, A883, A884, A885, A886, A887, A888, A889, A890, A891, A892, A893, A894, A895, A896, A897, A898, A899, A900, A901, A902, A903, A904, A905, A906, A907, A908, A909, A910, A911, A912, A913, A914, A915, A916, A917, A918, A919, A920, A921, A922, A923, A924, A925, A926, A927, A928, A929, A930, A931, A932, A933, A934, A935, A936, A937, A938, A939, A940, A941, A942, A943, A944, A945, A946, A947, A948, A949, A950, A951, A952, A953, A954, A955, A956, A957, A958, A959, A960, A961, A962, A963, A964, A965, A966, A967, A968, A969, A970, A971, A972, A973, A974, A975, A976, A977, A978, A979, A980, A981, A982, A983, A984, A985, A986, A987, A988, A989, A990, A991, A992, A993, A994, A995, A996, A997, A998, A999, A1000, A1001, A1002, A1003, A1004, A1005, A1006, A1007, A1008, A1009, A1010, A1011, A1012, A1013, A1014, A1015, A1016, A1017, A1018, A1019, A1020, A1021, A1022, A1023, A1024, A1025, A1026, A1027, A1028, A1029, A1030, A1031, A1032, A1033, A1034, A1035, A1036, A1037, A1038, A1039, A1040, A1041, A1042, A1043, A1044, A1045, A1046, A1047, A1048, A1049, A1050, A1051, A1052, A1053, A1054, A1055, A1056, A1057, A1058, A1059, A1060, A1061, A1062, A1063, A1064, A1065, A1066, A1067, A1068, A1069, A1070, A1071, A1072, A1073, A1074, A1075, A1076, A1077, A1078, A1079, A1080, A1081, A1082, A1083, A1084, A1085, A1086, A1087, A1088, A1089, A1090, A1091, A1092, A1093, A1094, A1095, A1096, A1097, A1098, A1099, A1100, A1101, A1102, A1103, A1104, A1105, A1106, A1107, A1108, A1109, A1110, A1111, A1112, A1113, A1114, A1115, A1116, A1117, A1118, A1119, A1120, A1121, A1122, A1123, A1124, A1125, A1126, A1127, A1128, A1129, A1130, A1131, A1132, A1133, A1134, A1135, A1136, A1137, A1138, A1139, A1140, A1141, A1142, A1143, A1144, A1145, A1146, A1147, A1148, A1149, A1150, A1151, A1152, A1153, A1154, A1155, A1156, A1157, A1158, A1159, A1160, A1161, A1162, A1163, A1164, A1165, A1166, A1167, A1168, A1169, A1170, A1171, A1172, A1173, A1174, A1175, A1176, A1177, A1178, A1179, A1180, A1181, A1182, A1183, A1184, A1185, A1186, A1187, A1188, A1189, A1190, A1191, A1192, A1193, A1194, A1195, A1196, A1197, A1198, A1199, A1200, A1201, A1202, A1203, A1204, A1205, A1206, A1207, A1208, A1209, A1210, A1211, A1212, A1213, A1214, A1215, A1216, A1217, A1218, A1219, A1220, A1221, A1222, A1223, A1224, A1225, A1226, A1227, A1228, A1229, A1230, A1231, A1232, A1233, A1234, A1235, A1236, A1237, A1238, A1239, A1240, A1241, A1242, A1243, A1244, A1245, A1246, A1247, A1248, A1249, A1250, A1251, A1252, A1253, A1254, A1255, A1256, A1257, A1258, A1259, A1260, A1261, A1262, A1263, A1264, A1265, A1266, A1267, A1268, A1269, A1270, A1271, A1272, A1273, A1274, A1275, A1276, A1277, A1278, A1279, A1280, A1281, A1282, A1283, A1284, A1285, A1286, A1287, A1288, A1289, A1290, A1291, A1292, A1293, A1294, A1295, A1296, A1297, A1298, A1299, A1300, A1301, A1302, A1303, A1304, A1305, A1306, A1307, A1308, A1309, A1310, A1311, A1312, A1313, A1314, A1315, A1316, A1317, A1318, A1319, A1320, A1321, A1322, A1323, A1324, A1325, A1326, A1327, A1328, A1329, A1330, A1331, A1332

Seperdown Hip)

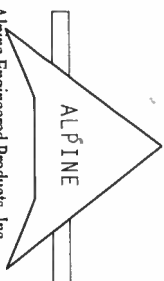
110 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

The overall height of this truss excluding overhang is 10.5-10. Deflection meets $L/360$ live and $L/240$ total load.



R-1304 U=180 W=4"

Scale = .1875"/ft.



Alpine Engineered Products, Inc
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

ALPINE ENGINEERED

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

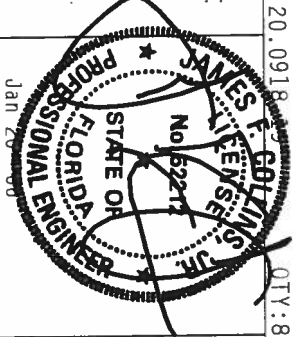
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, SECTION COVERED WITH AND LOCATE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY AISC AND THE AIRPORT

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC.) OF 1989 AND U.S. CONNECTOR PLATES ARE MADE OF 20/18/16GA (M, H/S/K) ASTM A653 GRADE 40/60 (M, K/H/S) GALV. STEEL. APPLY

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-200A. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.3 OF TP11-2002 SEC.3. A SEAL ON THIS

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN.

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

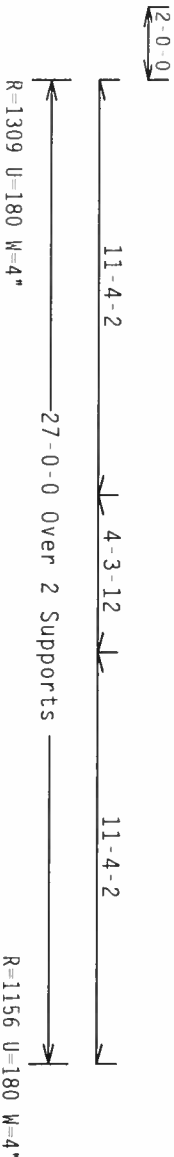


TC LL	20.0 PSF	REF	R215-- 4156
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	HCU8R215 06019078
BC LL	0.0 PSF	HC-ENG RA/WHK	*
TOT.LD.	40.0 PSF	SEQN-	101076
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SU0215_207

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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.

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

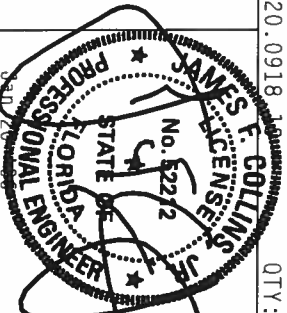
The overall height of this truss excluding overhang is 10-5-10.



Scale = .1875"/Ft.



DRAWING INDICATE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.

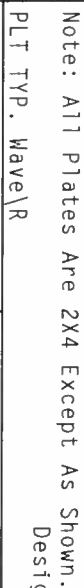


THESE ARE THE ONLY TWO COMPLETIONS/ SUBSTITUTES OF INVOICES FOR

110 mph wind, 25.27 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

The overall height of this truss excluding overhang is 7-7-0.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)

$$Cq/RT=1.00(1.25)/10(0)$$

7.20.0918

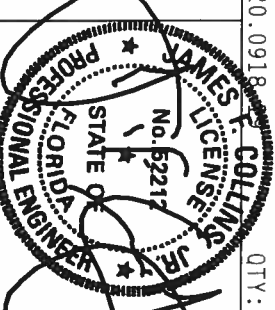
QTY:2 FL/-/5/-/-/R/-

Scale = .3125"/Ft.

REITER TO RECI-1 (03) (BUILDING COMPONENT SAFETY INFORMATION), 563 D OMBRIO DR., SUITE 200, MADISON, WI 53719, AND WICHA (GOOD RUSS COUNCIL OF AMERICA, 6300 ENTERPRISE IN. MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. ONCE OTHERWISE INDICATED, CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED LIGID CILLING.

Alpine Engineered Products, Inc.

Haines City, FL 33844
FL Certificate of Authorization # 567



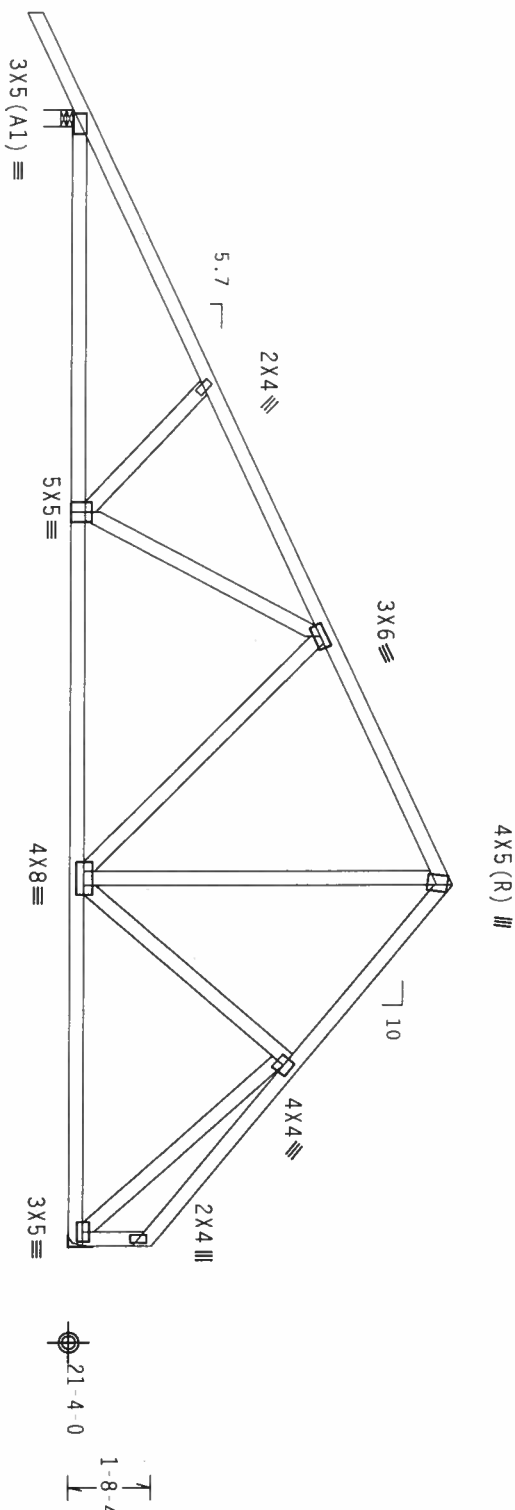
TC LL	20.0 PSF	REF	R215 - 4158
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	HCUSR215 06019059
BC LL	0.0 PSF	HC-ENG RA/WHK	*
TOT.LD.	40.0 PSF	SEQN -	101130
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF -	ISU0215.Z07

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 7-10-14.



2-0-0

15-11-0

7-5-8

23-4-8 Over 2 Supports

R=972 U=215

PLT TYP. Wave/R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)

$$Cq/RT=1.00(1.25)/10(0)$$

7.20.0918 ~~04.19~~ FL/-/5/-/-/R/-

Scale = .25"/Ft.

WARNING: PRIORS ROUTINE EXERCISE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DCS1-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 503 O'CONNOR RD., SUITE 200, MADISON, WI 53719, AND AICA (WOOD TRUSS COUNCIL OF AMERICA), 6500 ENTERPRISE LN., MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO DETACHING THESE CONNECTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANTS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TENSION CEILING.

DATE

Alpine Engineered Products, Inc.

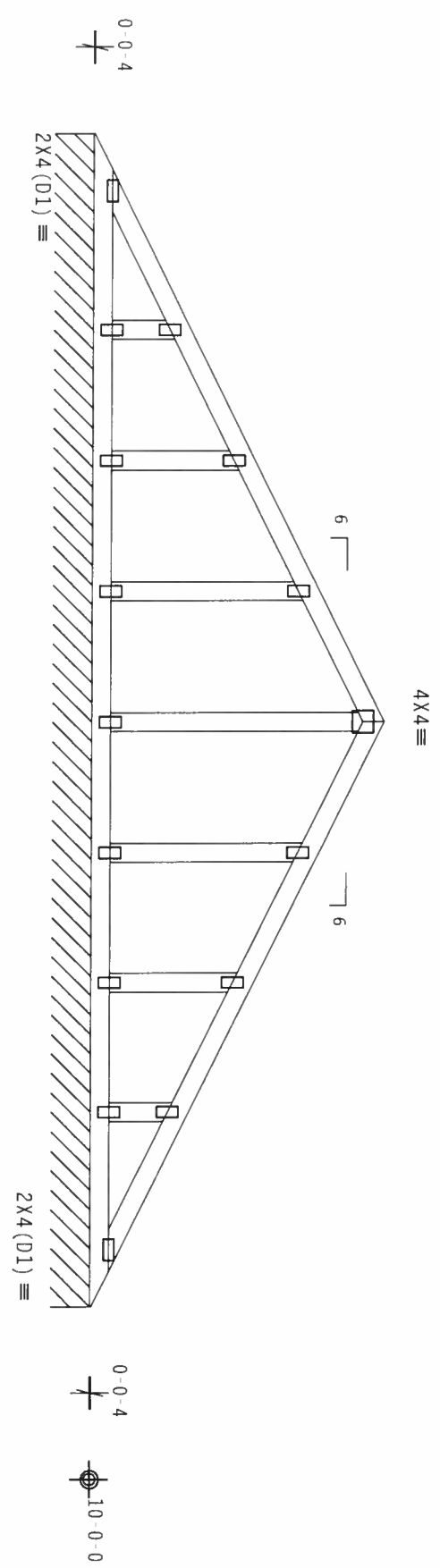
Haines City, FL 33844
FL Certificate of Authorization # 567

Professional Engineer Seal for the State of Florida, License No. 52412, signed by James Collins Jr.

TC LL	20.0 PSF	REF R215-- 4159
TC DL	10.0 PSF	DATE 01/19/06
BC DL	10.0 PSF	DRW HCUR215 06019060
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	40.0 PSF	SEQN- 101126
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SU0215_Z07

(3095 /Brian and Angie Neitzke R. /OWNER BUILDER Columbia County, FL C1GE 18' Gable)
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.
Plates sized for a minimum of 3.00 sq.in./piece.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 4-6.4.



R=82 PLF U=17 PLF W=18-0-0

Note: All Plates Are 2X4 Except As Shown.

PLT TYP. Wave\R Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

QTY:1 FL/-/5/-/-/R/-

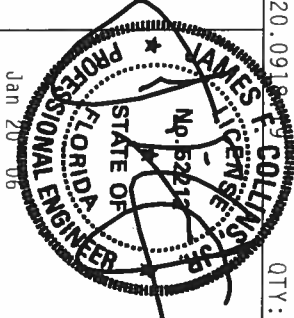
Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIG. 1.01 BUILDING COMPONENT SAFETY AND PROTECTIVE MEASURES FOR ADDITIONAL INFORMATION. SEE DRAWING 100-1, SUITE 200, MANASSAS, VA 22119, AND WICK (WOOD TRUSS COUNCIL OF AMERICA) GUIDELINES FOR TRUSS DESIGN. AT 5/21/99, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. 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. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY NIPRA) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THIS TRUSS. POSITION PER DRAWING 100-2. CONNECTED TO EACH END OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 100-2. ANY DESIGNER OR PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN OF THIS TRUSS. A SEAL OR THIS DRAWING INDICATES ACCEPTANCE OR PROFESSIONAL ENGINEER'S RESPONSIBILITY FOR THE DESIGN OF THIS TRUSS. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization #567



TC LL	20.0 PSF	REF	R215--	4160
TC DL	10.0 PSF	DATE	01/19/06	
BC DL	10.0 PSF	DRW	HCUSR215	06019056
BC LL	0.0 PSF	HC-ENG	RA/WHK	*
TOT.LD.	40.0 PSF	SEQN-	101133	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	15U0215_Z07	

התאריך: 10.10.2019

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Plates sized for a minimum of 3.00 sq.in./piece.



$R=875$ $U=180$ $N=4$

Scale = 3125"/Ft.

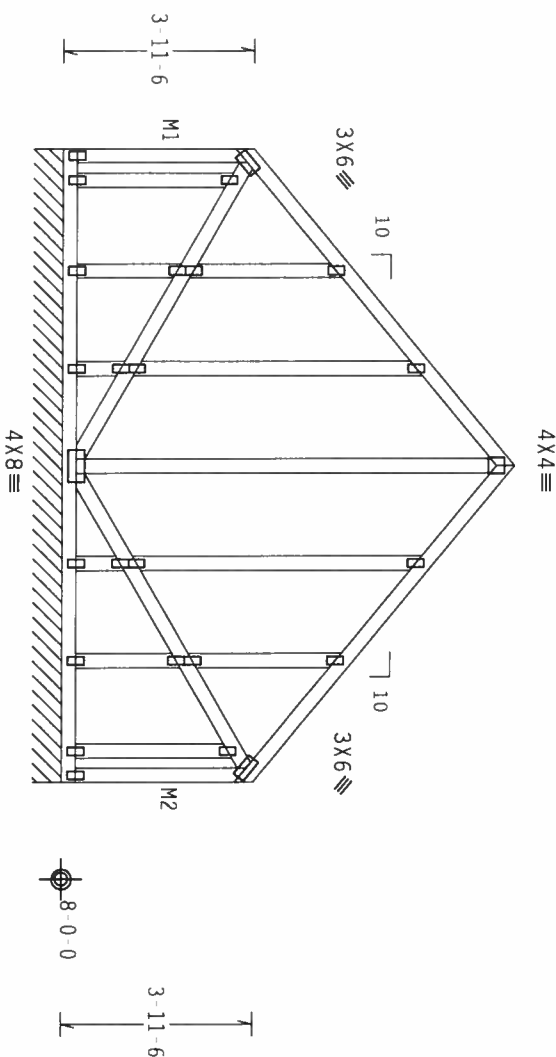
TC LL	20.0 PSF	REF	R215 - - 4161
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	HCU8R215 06019067
BC LL	0.0 PSF	HC-ENG RA/WHK	
TOT.LD.	40.0 PSF	SEQN -	101136
DUR.FAC.	1.25	FROM CDM	
SPACING	24.0"	JREF -	1SU0215_Z07

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWGS A11015EED405 & GBLLETTIN0405 for more requirements.
Plates sized for a minimum of 3.00 sq.in./piece.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 9-4-6.



R=86 PLF U=33 PLF W=13-0-0
13-0-0 0v

Design Crit: $TPI-2002(STD)/FBC$ $Cq/RT=1.00(1.25)/10(0)$

7.20.0918

FL/-/5/-/-/R/-

Scale = .25"/ft.

***WARNING:** IF THE PARTIES REQUIRE EXTRACT CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO DECS 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (INSTITUTION OF MATERIALS, 503 D'ORFORD DR., SUITE 200, HANSLON, MI 52719) AND AISC (STEEL CONSTRUCTION OF AMERICA, 6500 GREENPARK IN, HANSLON, MI 52719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. IF OTHERS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.
PRODUCTS ARE NOT BE RESPONSIBLE FOR THE QUALITY AND THE DURABILITY OF THE INSTALLATION.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND THE AIRLINE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSESS.

CONNECTOR PLATES ARE MADE OF 20/18/16GA (M, H, S/K) ASTM A653 GRADE 40/60 (M, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

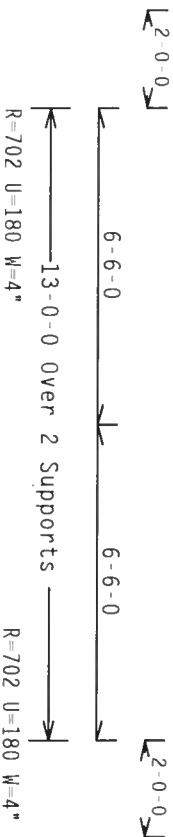
DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2.

91-19 COLLINS
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
JAN 20 2006

TC LL	20.0 PSF	REF	R215 - 4162
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	HCUSR215 06019057
BC LL	0.0 PSF	HC-ENG	RA/WHK
TOT. LD.	40.0 PSF	SEQN -	101050
DUR. FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF -	1SU0215_207

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf.

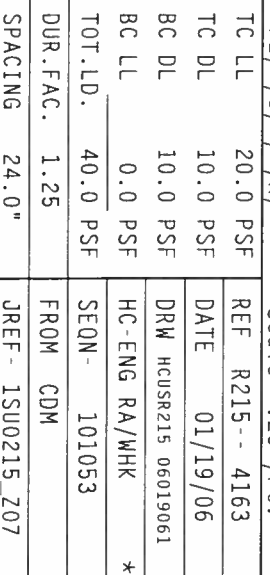
(A) Continuous lateral bracing equally spaced on member. Deflection meets L/360 live and L/240 total load. The overall height of this truss excluding overhang is 9



Scale = .25"/Ft.

CONNECTOR PLATES: RMA/MD OF 20/18/16GA (H/H/S/K) ASTM A563 GRADE 40/60 (H, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF IRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DISCH. POSITION PER DRAWINGS 16GA-2. INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE RE. AMEND. 23 OF TILL 2003. SEE 2. Detail on page 2

THESE DESIGNATION OF SERVICES IS RECORDED IN THE BUILDING PERMIT APPLICATION AND THE 2002 ACT, 3.3. A STATE ON THE DRAIVING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Top chord 2x6 SP SS :T2 2x4 SP #2 N :
Bot chord 2x12 SP #2 N :B2 2x4 SP #2 N : :B3 2x12 SP SS :
Webs 2x4 SP #2 N

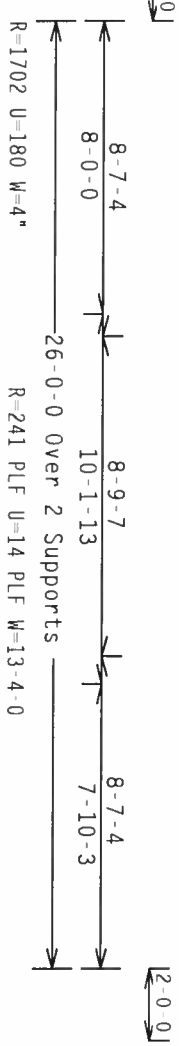
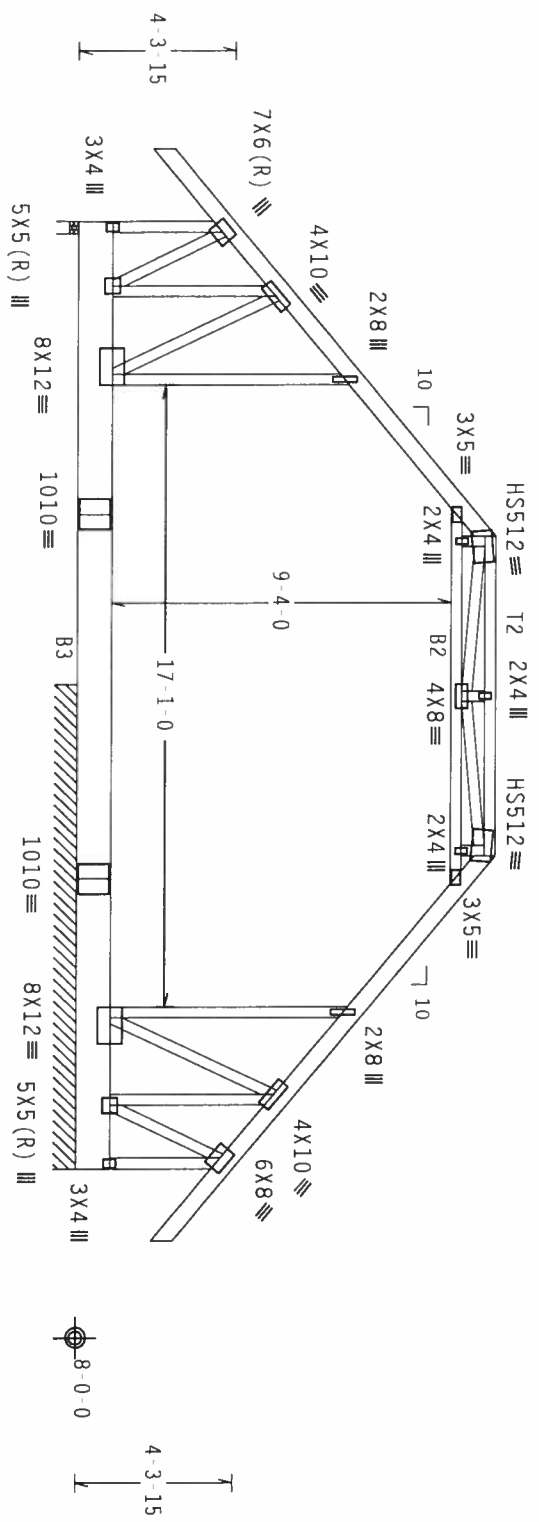
End verticals not exposed to wind pressure.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 4-5-8 to 21-10-0.

Plates sized for a minimum of 3.00 sq.in./piece.

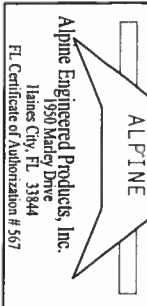
Collar-tie braced with continuous lateral bracing at 24" OC. or rigid ceiling.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 11-6-0.



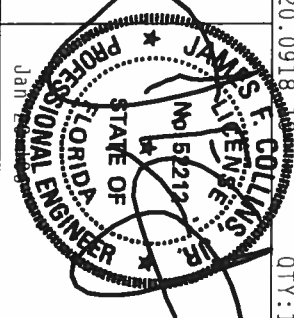
PLT TYP. 20 Gauge HS, Wave\R Design Crit: TPI-2002(STD)/FBC QTY: 1 FL/-/5/-/-/R/- Scale = .1875"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESI 1.03 (INCLUDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC), 1100 N. MICHIGAN, CHICAGO, IL 60611, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. 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. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN, OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF AISC (ADDITIONAL DESIGN SPEC. BY AREA) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THIS TRUSS. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE DESIGN BY THE DESIGNER. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
1990 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization #567



TC LL	20.0 PSF	REF	R215-- 4164
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	HCUSR215 06019069
BC LL	0.0 PSF	HC-ENG	RA/WHK
TOT.LD.	40.0 PSF	SEQN-	101201 REV
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	15U0215_207

Top chord 2x6 SP SS : T2 2x4 SP #2 N :
Bot chord 2x12 SP #2 N : B2 2x4 SP #2 N : B3 2x12 SP SS :
Webs 2x4 SP #2 N

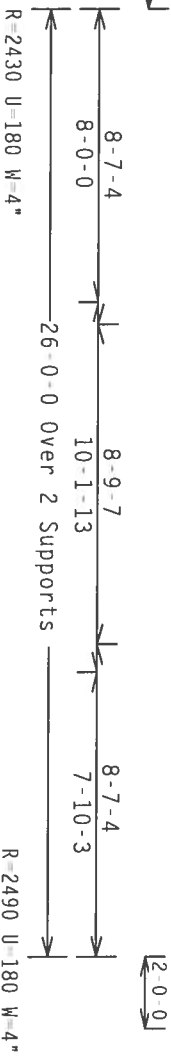
Calculated horizontal deflection is 0.14" due to live load and 0.18" due to dead load.

In lieu of structural panels use purlins to brace all flat TC @ 24' OC.

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 4.5-8 to 21-10-0.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 11-6-0.



Scale = .1875"/Ft.

****IMPORTANT*****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR
PRODUCTS WILL NOT BE RECOVERED FOR THE DISTANCE FROM THIS DESIGN

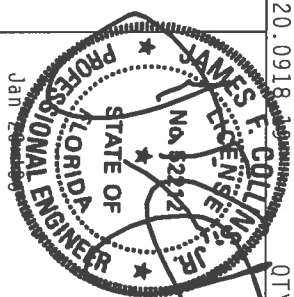
TRUSS IN CONFORMANCE WITH TP1: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AISC) AND TP1 AIRLINE

CONNECTOR PLATES ARE MADE OF 20/18/16GA (W.H/S/K) ASTM A653 GRADE 40/60 (W. K/H.S) GALV. STEEL. APPLY PLATE TO EACH FACE OF TRUSS AND WELDER ATTACHED TO EACH DETAIL.

PLATES TO EACH PAIR OF CROSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP11-2002 SEC.3. A SEAL ON THIS

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNER.

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R215 - 4165
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	H05R215 06019075
BC LL	0.0 PSF	HC-ENG	RA/WHK
TOT. LD.	40.0 PSF	SEQN-	101172 REV
DUR. FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	15U0215_207

Top chord 2x6 SP SS :T2 2x4 SP #2 N :
Bot chord 2x12 SP #2 N :B2 2x4 SP #2 N :B3 2x12 SP SS :
Webs 2x4 SP #2 N

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Box or Gun (0.128"x3", min.) nails)
Top Chord: 1 Row @11.50" o.c.
Bot Chord: 1 Row @9.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

110 mph wind, 15.08 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.38 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.

Trusses to be spaced at 46.5" OC maximum.

End verticals exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 128 PLF at -2.00 to 128 PLF at 0.00
TC - From 258 PLF at 0.00 to 211 PLF at 4.46
TC - From 262 PLF at 4.46 to 226 PLF at 7.85
TC - From 176 PLF at 7.85 to 168 PLF at 8.61
TC - From 128 PLF at 8.61 to 128 PLF at 18.15
TC - From 178 PLF at 18.15 to 128 PLF at 21.54
TC - From 128 PLF at 21.54 to 128 PLF at 28.00
PLT - From 39 PLF at 8.15 to 39 PLF at 17.85
BC - From 10 PLF at -2.00 to 10 PLF at 0.00
BC - From 39 PLF at 0.00 to 39 PLF at 4.46
BC - From 233 PLF at 4.46 to 233 PLF at 21.54
BC - From 39 PLF at 21.54 to 39 PLF at 26.00
BC - From 10 PLF at 26.00 to 10 PLF at 28.00
BC - 252 LB Conc. Load at 4.46, 21.54

In lieu of structural panels use purlins to brace TC @ 24" OC.

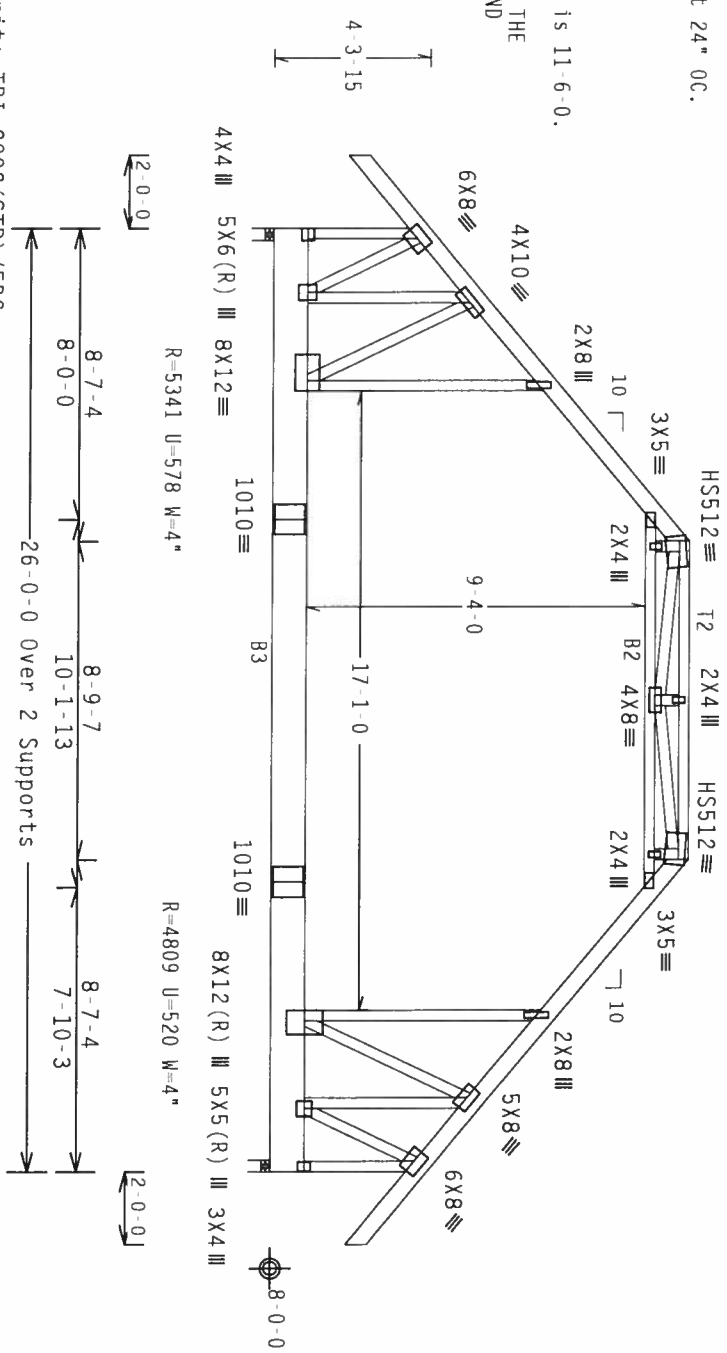
Collar-tie braced with continuous lateral bracing at 24" OC.

Deflection meets L/240 live and L/180 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 11-6-0.

LOADING HAS BEEN CALCULATED BY THE DESIGNER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO VERIFY AND APPROVE THE LOADING.



PLT TYP. 20 Gauge HS.Wave\R

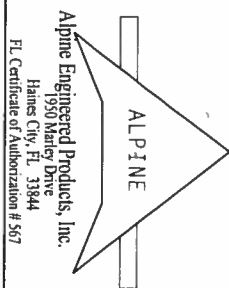
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.20.0918

QTY:3 FL/-/5/-/-/R/-

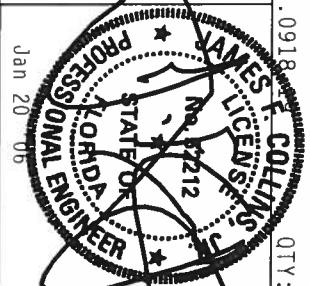
Scale = .1875"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO MCS-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE NATIONAL COUNCIL OF AMERICA, 6100 ENTERPRISE DR., SUITE 200, MADISON, WI 53719, AND MICA (GOOD TRUSS COUNCIL OF AMERICA, 6100 ENTERPRISE DR., SUITE 200, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. 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. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S) ASIN A653 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY ALL SPECIFIC RULES OF THE TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A-2. ANY DEVIATION FROM THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE TRUSS CONTRACTOR. A SEAL ON THIS DRAWING INDICATES THE ACCEPTANCE OF PROFESSIONAL DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



TC LL	20.0 PSF	REF R215-- 4166
TC DL	10.0 PSF	DATE 01/19/06
BC DL	10.0 PSF	DRW HCUSR215 06019071
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	40.0 PSF	SEGN- 101207 REV
DUR.FAC.	1.25	FROM CDM
SPACING	46.5"	JREF- 1SU0215_207

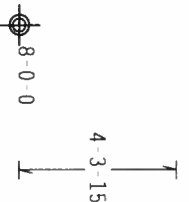
110 mph wind, 15.08 ft mean hgt, ASCE 7-02, closed bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 4-5-8 to 21-10-0.

Plates sized for a minimum of 3.00 sq.in./piece.

10



12-0-0

Scale = .1875"/Ft.

0918099 QTY


 MINISTERIO DE EDUCACIÓN

STATE OF

ALPINE
ROCK
CLIMBING
CLUB

[illegible]

OPTIONAL ENGINE

125 300000

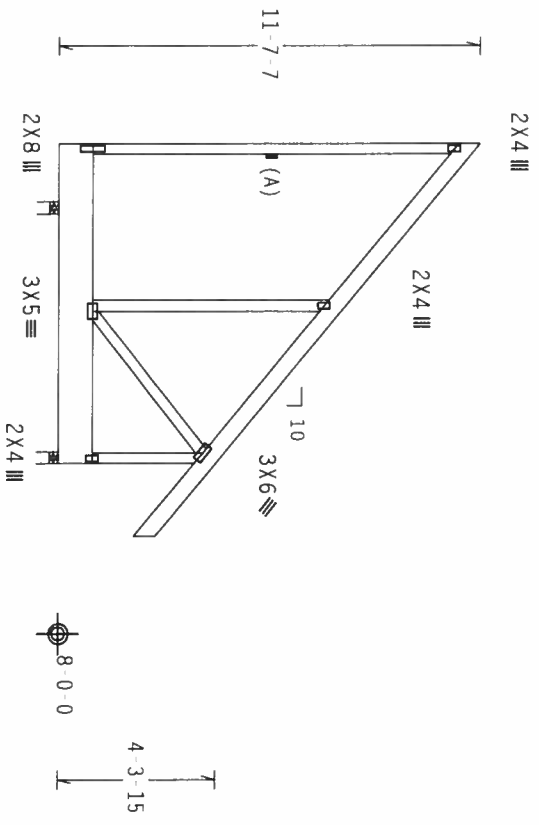
00 07 1120	
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[illegible]

FL/-/5/-/-R/-		Scale = .1875"/ft.
TC LL	20.0 PSF	REF R215 - - 4167
TC DL	10.0 PSF	DATE 01/19/06
BC DL	10.0 PSF	DRW HCU8R215 06019076
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	40.0 PSF	SEQN- 101178 REV
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 15U0215_Z07

Top chord 2x6 SP #2 N
Bot chord 2x12 SP #2 N
Webs 2x4 SP #2 N
Collar-tie braced with continuous lateral bracing at 24" OC. or rigid ceiling.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 11-7-7.
End verticals exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

110 mph wind, 15.14 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
(A) Continuous lateral bracing equally spaced on member.
BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 0-3-8 to 4-3-8.
Plates sized for a minimum of 3.00 sq.in./piece.



1-7-9
1-7-9
1-7-9 over 2 Supports
R=1245 U=209 W=4"
R=489 U=180 W=4"

PLT TYP. Wave\R
Design Crit: TP1-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)
7.20.0918.19
QTY:3 FL/-5/-/-R/-
Scale =.1875"/ft.

ALPINE
Engineered Products, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGNER SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

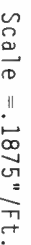
****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGNER SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

SE E COLLINS
No. 82212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jan

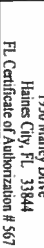
TC LL	20.0 PSF	REF R215-- 4168
TC DL	10.0 PSF	DATE 01/19/06
BC DL	10.0 PSF	DRW HCUR215 06019074
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	40.0 PSF	SEQN- 101194
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SU0215_207

[illegible]

THE JOB ENGINEER OR BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE JOB ENGINEER OR BUILDING DESIGNER.



BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

(3095 /Brian and Angie Neitzke R /OWNER BUILDER - Columbia County, FL - J1 1' Jack)

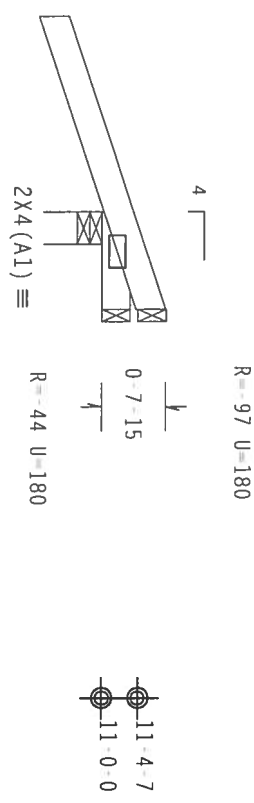
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 0'-7-15.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf.

Plates sized for a minimum of 3.00 sq.in./piece.



2'-0-0

1'-0-0 Over 3 Supports

R-353 U=180 W=4"

PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0)

7.20.0918

OTY:3 FL-5/-/-R/-

Scale =.5"/ft.

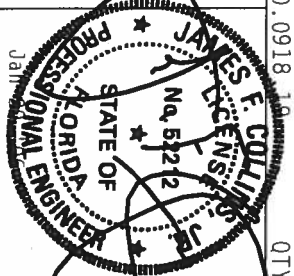
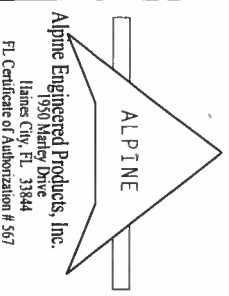
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 D'AMORIO DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. 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. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AIA (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONNECTION PLATES ARE MADE OF 20/16/16GA (W/15/16) ASH AREA GRAD. 40/60 (W/15/16) GALV. STEEL. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

ANY INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE PERFORMED AS A CONDITION OF THE TRUSS COMPONENTS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENTS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/SPC 1 SEC. 2.



TC LL	20.0 PSF	REF	R215 - 4170
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	HCUSR215 06019062
BC LL	0.0 PSF	HC-ENG	RA/WHK
TOT.LD.	40.0 PSF	SEQN-	101083
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SU0215-207

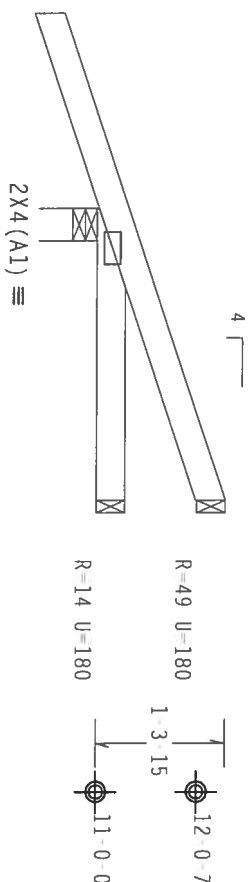
Top chord	2x4	SP	#2	N
Bot chord	2x4	SP	#2	N

[illegible]

The overall height of this truss excluding overhang is 1-3-15.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Plates sized for a minimum of 3.00 sq.in./piece.



2-0-0-0

3-0-0 Over 3 Supports
R=311 U=180 W=4"

PLT TYP. Wave/R

Design Crit: TPI-2002(STD)/FBC

$$Cq/RT=1.00(1.25)/10(0)$$

7.20.0918 10

QTY:2 FL/-/5/-/-/R/-

Scale = .5"/Ft.

Alpine Engineered Products, Inc.

Flaines City, FL 33844

FL Certificate of Authorization # 567

WARNING—FIBERS ROUTED EXTERIOR CAME IN FABRICATION, HANDLING, UNWRAPPING, INSTALLING AND BRACING REFER TO MCSI 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE THUSS PLATE INSTITUTE, 5835 DORADO RD., SUITE 200, MADISON, WI 53719, AND VICKI (GOOD THINGS) COUNCIL OF AMERICA, 6500 ENTERPRISE DR. MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PITCHING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, THE TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT—TURN IN A COPY OF THIS SECTION TO THE INSTALLATION CONTRACTOR, APPLICABLE ENGINEER

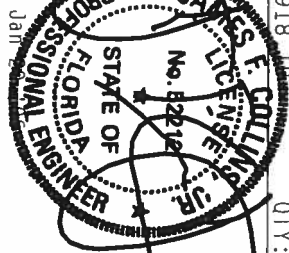
ALPINE ENGINEERED

TPI. ALPINE

ER DRAWINGS 160A-Z

TRUSS COMPONENT

RESPONSIBILITY OF THE

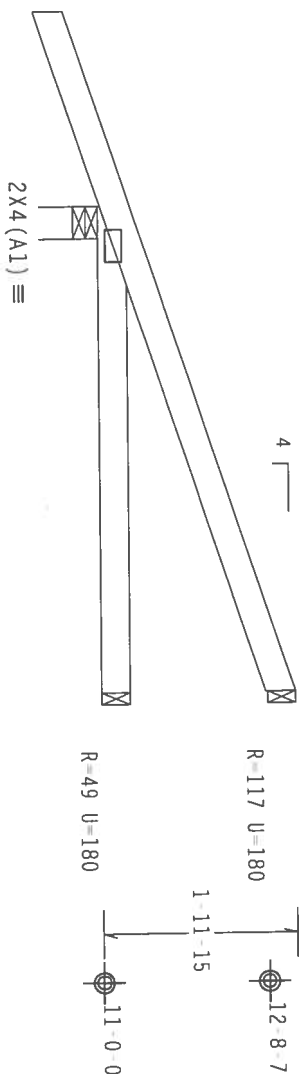


TC LL	20.0 PSF	REF	R215-- 4171
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	HCSUR215 06019063
BC LL	0.0 PSF	HC-ENG	RA/WHK
TOT.LD.	40.0 PSF	SEQN-	101087
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SU0215_207

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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.

plates sized for a minimum of 3.00 sq. in./piece.

The overall height of this truss excluding overhang is 1-11-15.



200

5'-0" Over 3 Supports

PLT TYP. Wave/R

Design Crit: TPI-2002(STD)/FBC

$$Cq/RT=1.00(1.25)/10(0)$$

7.20.0918.19

QTY:2

FL/-/5/-/-/R/-/

Scale = .5" / ft.



Alpine Engineered Products, Inc.
1050 Madison Drive

Manes City, FL 33844

WARNING: THESE PRACTICES REQUIRE EXTENSIVE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING, AND BRACING. REFER TO SECTION 10.0 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (TRUSS LIFT INSTITUTE, 5835 O'DONOR ROAD, SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE IN MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED CEILING.

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

ALPINE ENGINEERING

PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THE STRUCTURAL INTEGRITY OF THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INST

BRACING OF TRUSSES.

CONNECTION PLATES ARE MADE OF 20/18/16GA (W.H./S/K) ASTM A653 GRADE 40/60 (W. K/H.5) GALV. ST

APPLY TO STEEL.

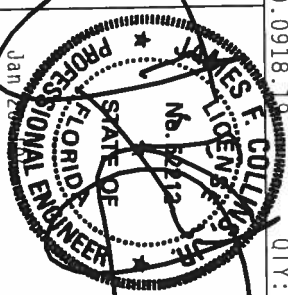
PLATES TO EACH FILE OF 1003 AND, UNLESS OTHERWISE SPECIFIED ON ONE OF THE PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP11-2002 SEC.3. A SEAL ON THIS ANY INSPECTION OF PLATES

SEAL ON THIS

DRAWING INDICATED ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN.

RESPONSIBILITY OF THE

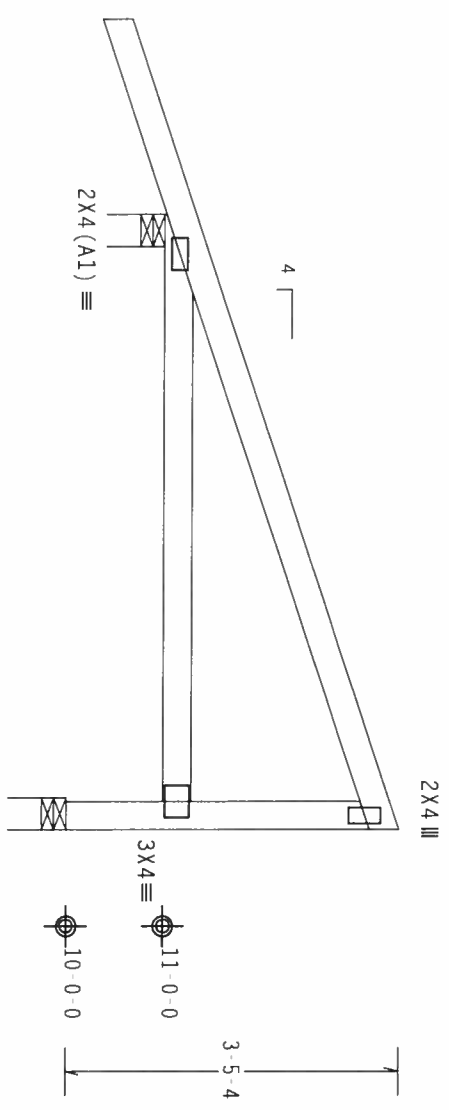
BUILDING DESIGNER PER ANSI/SPR 1 SEC. 2



TC LL	20.0 PSF	REF	R215-- 4172
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	HCUSR215 06019064
BC LL	0.0 PSF	HC-ENG RA/WHK	
TOT.LD.	40.0 PSF	SEQN-	101090
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	15U0215_207

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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.

Deflection meets L/360 live and L/240 total load.
Plates sized for a minimum of 3.00 sq.in./piece.
Right end vertical not exposed to wind pressure.
The overall height of this truss excluding overhang is 2-5.4.



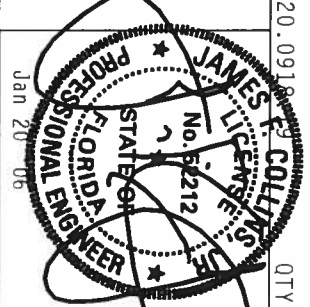
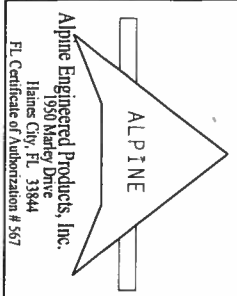
2-0-0
6-4-0 Over 2 Supports
R=412 U=180 W=4"
R=232 U=180 W=4"

PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.20.0918
QTY:10 FL/-/5/-/-/R/-
Scale =.5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTERIOR GATE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES BUILDING CODES AND STANDARDS. THIS TRUSS IS DESIGNED TO BE USED IN A BUILDING WITH A MAISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. 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. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOD (NATIONAL DESIGN SPEC. BY AIA/AIA) AND TPI. ALPINE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF R215-- 4173
TC DL	10.0 PSF	DATE 01/19/06
BC DL	10.0 PSF	DRW HCURS215 06019081
BC LL	0.0 PSF	HC-ENG RA/WHK *
TOT.LD.	40.0 PSF	SEQN- 101093
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SU0215_Z07

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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.

Right end vertical not exposed to wind pressure.

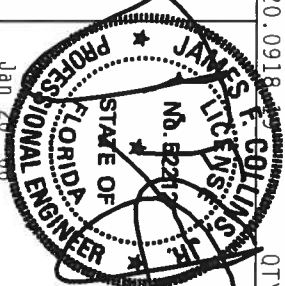
The overall height of this truss excluding overhang is 2-5-4.



Scale = .5"/ft.



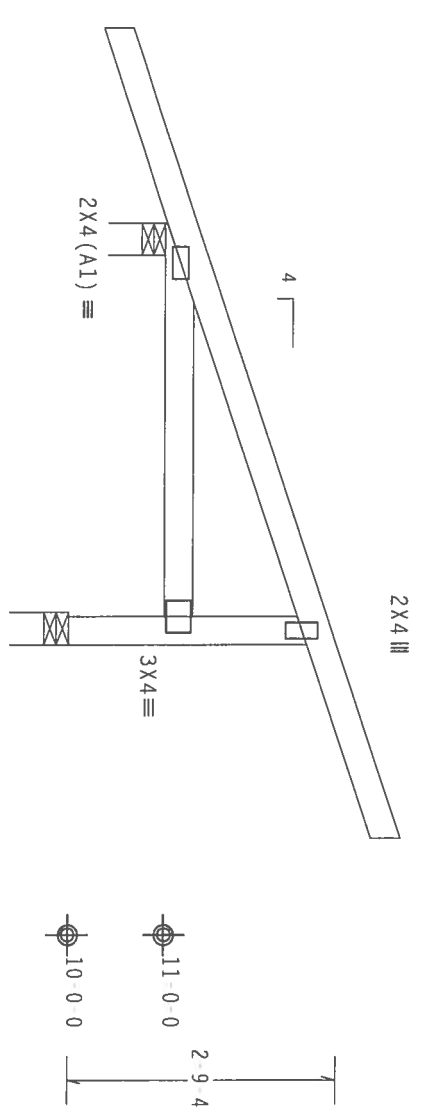
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



FL/-/5/-/-/R/-		Scale = .5"/ft.	
TC LL	20.0 PSF	REF	R215-- 4174
TC DL	10.0 PSF	DATE	01/19/06
BC DL	10.0 PSF	DRW	HCSUR215 06019058
BC LL	0.0 PSF	HC-ENG	RA/WHK
TOT.LD.	40.0 PSF	SEQN-	101110
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	ISU0215.Z07

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.
Right end vertical not exposed to wind pressure.
The overall height of this truss excluding overhang is 2-5.4.

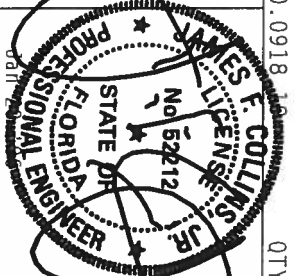
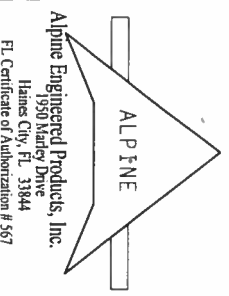


2'-0'-0" Over 2 Supports
R-306 U=180 W=4"

PLT TYP. Wave\R
Design Crit: TPI 2002 (STD) /FBC
Cq/RT=1.00(1.25)/10(0) 7.20.0918
QTY: 3 FL/-/5/-/1/R/-

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), 1.04 (TRUSS DESIGN), 1.05 (TRUSS ERECTION), 1.06 (TRUSS MAINTENANCE), 1.07 (TRUSS REMOVAL), 1.08 (TRUSS STORAGE), 1.09 (TRUSS TRANSPORT), 1.10 (TRUSS INSPECTION), 1.11 (TRUSS REPAIR), 1.12 (TRUSS REPLACEMENT), 1.13 (TRUSS DEMOLITION), 1.14 (TRUSS DISPOSAL), 1.15 (TRUSS RECYCLING), 1.16 (TRUSS SAFETY), 1.17 (TRUSS QUALITY), 1.18 (TRUSS DOCUMENTATION), 1.19 (TRUSS RECORDS), 1.20 (TRUSS ARCHIVES).
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. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE OF BUILDING PRODUCTS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN COMPLIANCE WITH APPLICABLE PROVISIONS OF MOS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE THE ENGINEER OF RECORD FOR THIS DESIGN. POSITION PER DRAWINGS T604.2. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIA/TPI 1 SEC. 2.

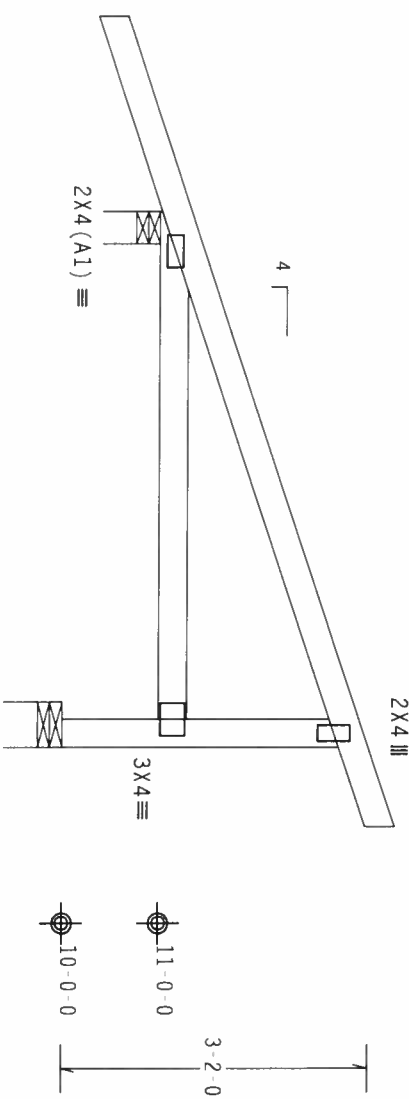


TC LL	20.0 PSF	REF R215-- 4175
TC DL	10.0 PSF	DATE 01/19/06
BC DL	10.0 PSF	DRW HCUR215 06019066
BC LL	0.0 PSF	HC-ENG RA/WHK *
TOT.LD.	40.0 PSF	SEQN- 101113
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1S00215_207

Scale =.5"/ft.

Deflection meets L/360 live and L/240 total load.
 Plates sized for a minimum of 3.00 sq.in./piece.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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.
 Right end vertical not exposed to wind pressure.
 The overall height of this truss excluding overhang is 2-5-4.

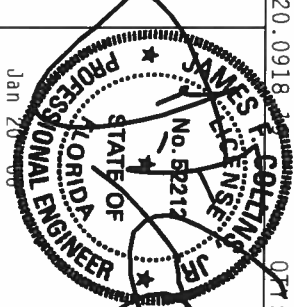
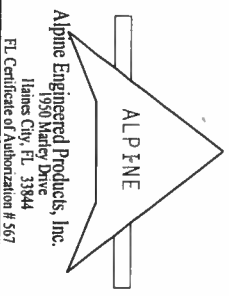


2-0-0
 5-6-3 Over 2 Supports
 0-9-13
 R=377 U=180 W=4"
 R=254 U=180 W=5.657"

PLT TYP. Wave\R
 Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0)
 7.20.0918
 Scale = .5"/ft.

****WARNING**** TRUSS'S REQUIRE EXTERIOR CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 6700 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. 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. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE ENGINEERED PRODUCTS ARE MADE OF 2018/1604 (AL/SI) ASH 4653 GRADE 40/60 (K, W/H/S) GALV. STEEL. APPLY PROTECTIVE COATINGS TO ALL EXPOSED SURFACES. LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY A SEAL ON THIS DRAWING, INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY ON THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/FP1 SEC. 2.

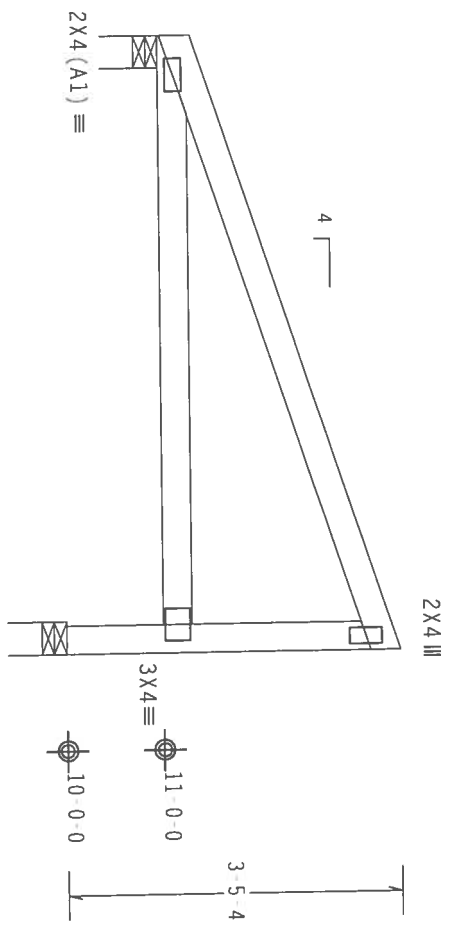


TC LL	20.0 PSF	REF R215- 4176
TC DL	10.0 PSF	DATE 01/19/06
BC DL	10.0 PSF	DRW HCUR215 06019065
BC LL	0.0 PSF	HC-ENG RA/WHK *
OT.LD.	40.0 PSF	SEQN- 101116
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SU0215_207

(3095 /Brian and Angie Neitzke R /OWNER BUILDER Columbia County, FL - J6D 6'4" End Jack)
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Deflection meets L/360 live and L/240 total load.
Plates sized for a minimum of 3.00 sq.in./piece.

110 mph wind, 15.00 ft mean hgt, ASCE 7 02, 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.
Right end vertical not exposed to wind pressure.
The overall height of this truss excluding overhang is 2-5-4.



6-4-0 Over 2 Supports
R=257 U=180 W=4

PLT TYP. Wave/R

Design Crit: TP1-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

7.20.0918 F. COLLINS

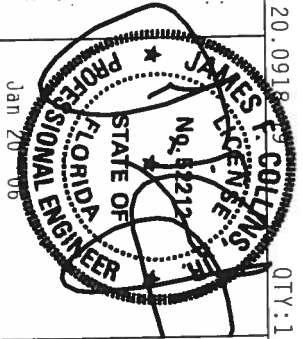
QTY:1 FL/-/5/-/-/R/-

Scale =.5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE FOLLOWING BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 HUNTER RD., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. 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. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE FOLLOWING DESIGN SPEC. BY A/R/P/S AND T/P/S SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE
Alpine Engineered Products, Inc.
1950 Mather Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

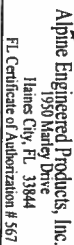
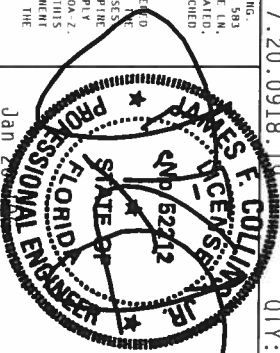


TC LL	20.0 PSF	REF R215- 4177
TC DL	10.0 PSF	DATE 01/19/06
BC DL	10.0 PSF	DRW HCUR215 06019068
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	40.0 PSF	SEQN- 101119
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SU0215-207

The overall height of this truss excluding overhang is 1.9.9.



Scale = .5" / Ft.

[illegible]

11 FL/-/5/-/-/R/-		Scale = .5"/ft.
TC LL	20.0 PSF	REF R215 - 4179
TC DL	10.0 PSF	DATE 01/19/06
BC DL	2.0 PSF	DRW HCSUR215 06019080
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	32.0 PSF	SEQN - 101072
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF - 1SU0215_Z07

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	52
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110 mph wind, 21.33 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

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

The overall height of this truss excluding overhang is 3-7-15.



R=93 PLF U=37 PLF W=7-5-12

Design Crit: $TPI-2002(STD)/FBC$
 $Cq/RT=1.00(1.25)$

 $Cq/RT=1.00(1.25)/10(0)$ ~~QY: 9~~

FL/-/5/-/-/R/-

Scale = .5"/Ft.

COLLINS
SCIENCE
J.R.

ENGINEERING

STATE OF

ER


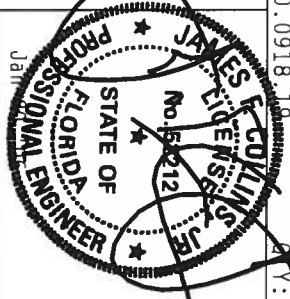
NE...AD1807...



PROFESSIONAL ENGINEER

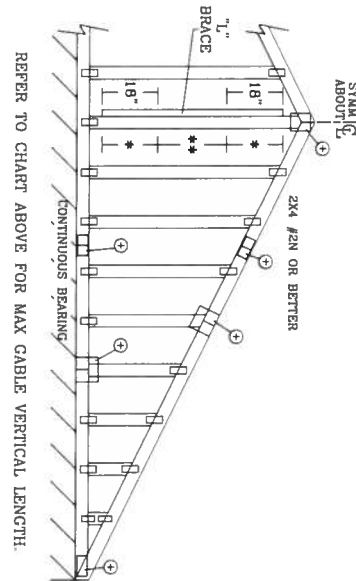
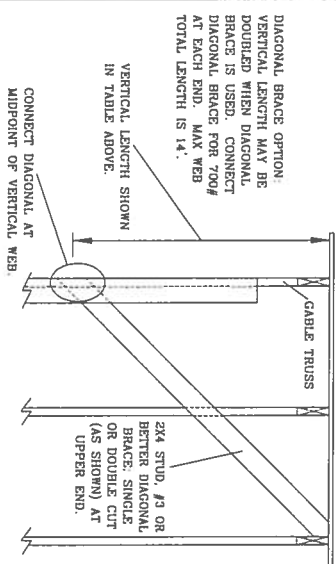
1130

TC LL	20.0 PSF	REF R215 - 4180
TC DL	10.0 PSF	DATE 01/19/06
BC DL	2.0 PSF	DRW HCURS215 06013072
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	32.0 PSF	SEQN- 101181
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JUEF - 1SU0215_Z07



Alpine Engineered Products, Inc.
 11405 City, FL 33844
 FL Certificate of Authorization # 567

2x4 CABLE VERTICAL GRADING		BRACE		(1) 1x4 "L" BRACE *		(1) 2x4 "L" BRACE *		(2) 2x4 "L" BRACE **		(1) 2x6 "L" BRACE *		(2) 2x6 "L" BRACE **	
SPACING	SPECIES	NO	GRADE	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
12" O.C.													
DFL	SPF	#1 / #2	3' 8"	6' 4"	6' 6"	7' 2"	7' 8"	8' 11"	9' 2"	11' 9"	12' 1"	14' 0"	14' 0"
	STUD	#3	3' 7"	5' 5"	5' 5"	7' 2"	7' 8"	8' 11"	9' 2"	11' 9"	12' 1"	14' 0"	14' 0"
	STANDARD	#1	3' 7"	5' 5"	5' 5"	7' 1"	7' 1"	8' 11"	9' 2"	11' 9"	12' 1"	14' 0"	14' 0"
16" O.C.													
DFL	SPF	#1 / #2	4' 0"	6' 4"	6' 10"	7' 6"	8' 1"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"	14' 0"
	STUD	#3	3' 11"	6' 4"	6' 10"	7' 6"	8' 1"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"	14' 0"
	STANDARD	#1	3' 9"	5' 7"	5' 7"	7' 4"	7' 4"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"
24" O.C.													
DFL	SPF	#1 / #2	4' 2"	7' 3"	7' 5"	8' 7"	8' 10"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
	STUD	#3	3' 9"	6' 4"	6' 6"	8' 7"	8' 10"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
	STANDARD	#1	3' 9"	6' 4"	6' 6"	8' 7"	8' 10"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
SPF	STUD	#1	4' 1"	6' 8"	6' 8"	8' 7"	8' 10"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
	STANDARD	#1	4' 1"	6' 8"	6' 8"	8' 7"	8' 10"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
	STUD	#2	4' 1"	6' 8"	6' 8"	8' 7"	8' 10"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
HF	STUD	#1	4' 1"	6' 8"	6' 8"	8' 7"	8' 10"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
	STANDARD	#1	4' 1"	6' 8"	6' 8"	8' 7"	8' 10"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
	STUD	#2	4' 1"	6' 8"	6' 8"	8' 7"	8' 10"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
SP	STUD	#1	4' 6"	7' 3"	7' 3"	8' 7"	8' 10"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
	STANDARD	#1	4' 6"	7' 3"	7' 3"	8' 7"	8' 10"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
	STUD	#2	4' 6"	7' 3"	7' 3"	8' 7"	8' 10"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
DFL	STUD	#3	4' 4"	6' 10"	6' 10"	8' 7"	8' 10"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
	STANDARD	#3	4' 4"	6' 10"	6' 10"	8' 7"	8' 10"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
	STUD	#1	4' 4"	6' 10"	6' 10"	8' 7"	8' 10"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
SPF	STUD	#1	4' 2"	5' 10"	5' 10"	7' 8"	7' 8"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
	STANDARD	#1	4' 2"	5' 10"	5' 10"	7' 8"	7' 8"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
	STUD	#2	4' 2"	5' 10"	5' 10"	7' 8"	7' 8"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
HF	STUD	#1	4' 6"	7' 8"	7' 8"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"
	STANDARD	#1	4' 6"	7' 8"	7' 8"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"
	STUD	#2	4' 6"	7' 8"	7' 8"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"
SP	STUD	#1	5' 1"	8' 0"	8' 0"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"
	STANDARD	#1	5' 1"	8' 0"	8' 0"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"
	STUD	#2	5' 1"	8' 0"	8' 0"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"
DFL	STUD	#3	4' 9"	7' 11"	7' 11"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"
	STANDARD	#3	4' 9"	7' 11"	7' 11"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"
	STUD	#1	4' 9"	7' 11"	7' 11"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"



GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1x4 OR 2x3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2x4
GREATER THAN 11' 6"	2.5x4

+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.

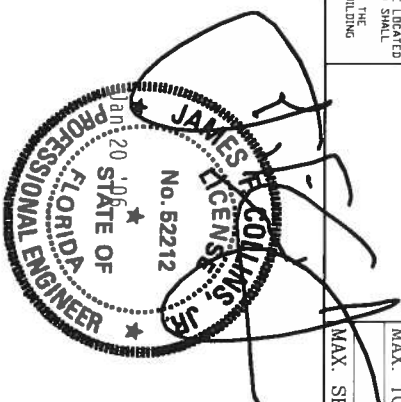
ATTACH EACH "L" BRACE WITH 10d NAILS.
 * FOR (1) "L" BRACE, SPACE NAILS AT 2' O.C. IN 18" END ZONES AND 4' O.C. BETWEEN ZONES.
 ** FOR (2) "L" BRACES, SPACE NAILS AT 3' O.C. IN 18" END ZONES AND 6' O.C. BETWEEN ZONES.
 "L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE TRUSS DETAIL NOTES:

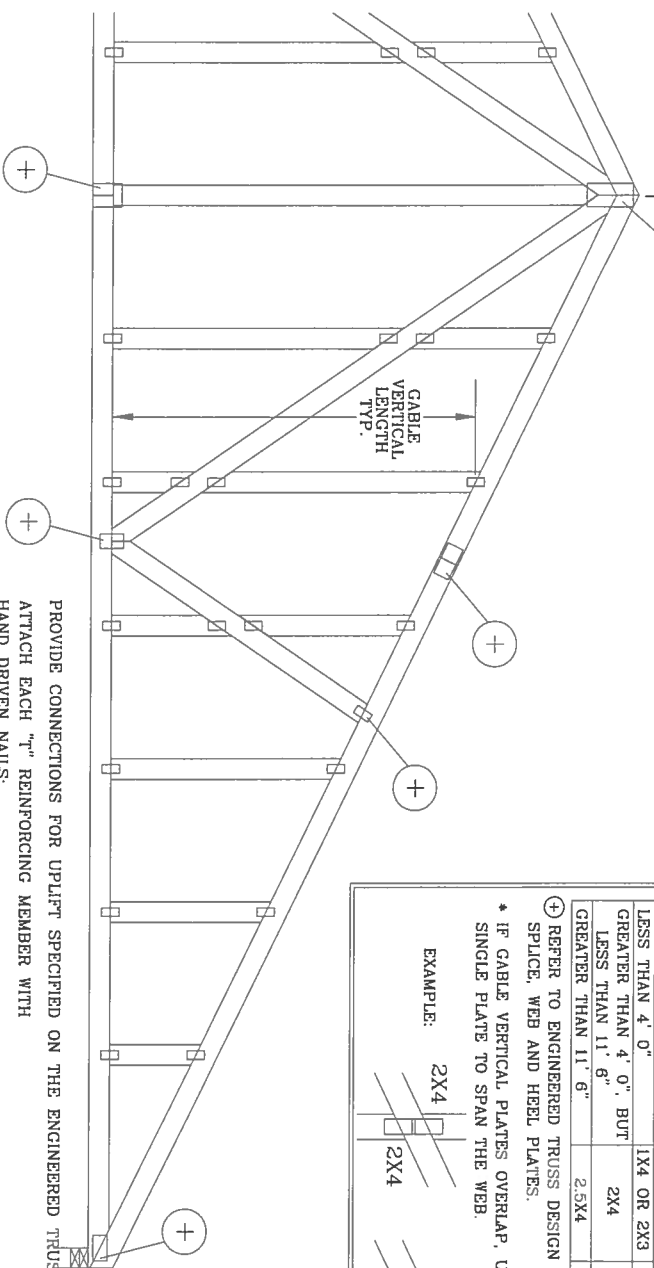
LIVE LOAD DEFLECTION CRITERIA IS L/240.
 PROVIDE UPLIFT CONNECTIONS FOR 100 PSF OVER CONTINUOUS BEARING (3 PSF TO DEAD LOAD).
 GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

BRACING GROUP SPECIES AND GRADES:			
GROUP A:		GROUP B:	
SPRUCE-PINE-FIR	HEM-FIR	SPRUCE-PINE-FIR	HEM-FIR
#1 / #2	#2	#1 / #2	#2
STUD	STUD	STUD	STUD
STANDARD	STANDARD	STANDARD	STANDARD
DOUGLAS FIR-LARCH		DOUGLAS FIR-LARCH	
#3	#3	#3	#3
STUD	STUD	STUD	STUD
STANDARD	STANDARD	STANDARD	STANDARD

ALPINE ENGINEERED PRODUCTS, INC. POMPAHO BEACH, FLORIDA	
<p>MANUFACTURING TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. ALPINE ENGINEERED PRODUCTS, INC. (AEP) IS A LEADER IN THE TRUSS INDUSTRY. OUR TRUSSES ARE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) SPECIFICATIONS FOR THE DESIGN AND FABRICATION OF STEEL FRAMES. ALL TRUSSES ARE DESIGNED TO MEET OR EXCEED THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) SPECIFICATIONS FOR THE DESIGN AND FABRICATION OF STEEL FRAMES. ALL TRUSSES ARE DESIGNED TO MEET OR EXCEED THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) SPECIFICATIONS FOR THE DESIGN AND FABRICATION OF STEEL FRAMES.</p>	
REF	ASCE 7-02 CAB11030
DATE	04/14/05
DRWG	A11030E0405
ENG	
MAX. TOT. LD.	60 PSF
MAX. SPACING	24.0"



SYM. \oplus
ABOUT

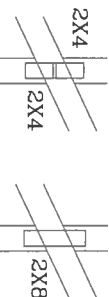


CABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0" BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

⊕ REFER TO ENGINEERED CROSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

* IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE TO SPAN THE WEB.

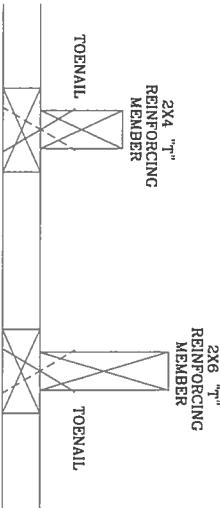
EXAMPLE:



TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2x4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL, FOR ASCE OR SBCI WIND LOAD.

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE $W / "T"$ BRACE



MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE $W / "T"$ BRACE

WIND SPEED AND MRH	REIN. MBR. SIZE	SBCI	ASCE
110 MPH 15 FT.	2x4 2x6	10 % 40 %	10 % 50 %
110 MPH	2x4	10 %	10 %
30 FT.	2x6	50 %	50 %
100 MPH	2x4	10 %	10 %
15 FT.	2x6	30 %	50 %
100 MPH	2x4	10 %	10 %
30 FT.	2x6	40 %	40 %
90 MPH	2x4	20 %	40 %
15 FT.	2x6	20 %	40 %
90 MPH	2x4	10 %	10 %
30 FT.	2x6	30 %	50 %
80 MPH	2x4	10 %	20 %
15 FT.	2x6	10 %	30 %
80 MPH	2x4	20 %	10 %
30 FT.	2x6	20 %	40 %
70 MPH	2x4	0 %	20 %
15 FT.	2x6	0 %	20 %
70 MPH	2x4	10 %	20 %
30 FT.	2x6	10 %	30 %

EXAMPLE:

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT

GABLE VERTICAL = 24" O.C. SP #3

"1" REINFORCING MEMBER SIZE = 2X4

↑ BRACE INCREASE (FROM ABOVE) = 10% = 1.10

(1) 2x4 L BRACE LENGTH = 6' 7"

MAXIMUM T. REINFORCED CABLE VERTICAL LENGTH

3 7 9 x 0.11

[illegible]

CEFS DRAWINGS CAB98117 876 719 & HC262

[illegible]

REF LET-IN V

DATE 01/14/06

DATE 04/14/03

DRUG GBIJFTING

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-ENG DLJ/KAR

MAX TOT. LD. 60 PSF

IP	FAC	ANY

Div. PAC. AMT

MAX SPACING 24.0"

100

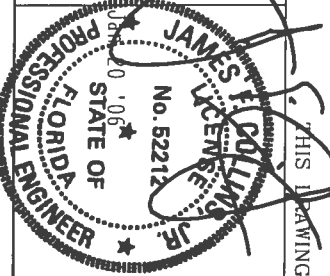
PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.
ATTACH EACH "L" REINFORCING MEMBER WITH
HAND DRIVEN NAILS:
10d COMMON (0.148" X 3." MIN) TOENAILS AT 4" O.C. PLUS
(4) 16d COMMON (0.162" X 3.5." MIN) TOENAILS IN TOP AND BOTTOM CHORD.
GUN DRIVEN NAILS:
Bd COMMON (0.131" X 2.5." MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.
THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE CABLE DETAIL FOR ASCE
OR SBCCI WIND LOAD.
ASCE 7-93 GABLE DETAIL. DRAWINGS
A11015EN1103, A10015EN1103, A09015EN1103, A08015EN1103, A07015EN1103
A11030EN1103, A10030EN1103, A09030EN1103, A08030EN1103, A07030EN1103
ASCE 7-98 GABLE DETAIL. DRAWINGS
A13015EC1103, A12015EC1103, A11015EC1103, A10015EC1103, A08515EC1103
A13030EC1103, A12030EC1103, A11030EC1103, A10030EC1103, A08530EC1103
ASCE 7-02 GABLE DETAIL. DRAWINGS
A13015EE0405, A12015EE0405, A11015EE0405, A10015EE0405, A08515EE0405
A13030EE0405, A12030EE0405, A11030EE0405, A10030EE0405, A08530EE0405
SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI
WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE
VERTICAL LENGTH.

ISSUES, REQUIRE, EXTREME, CARE, FABRICATING, HANGING, SHIPPING, INSTALLING, AND
W/BRACING. REFER TO BC11-1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS
PLATE INSTITUTE, 563 DUNDORF RD., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL
OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING
THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED
STRUCTURAL PANELS, AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

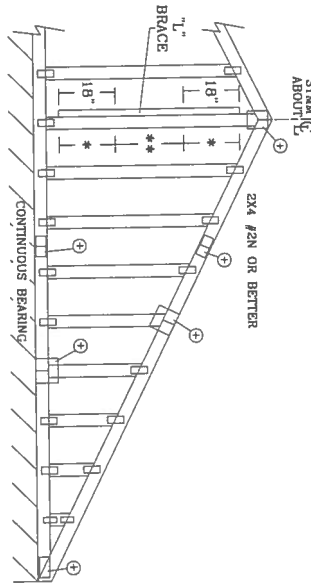
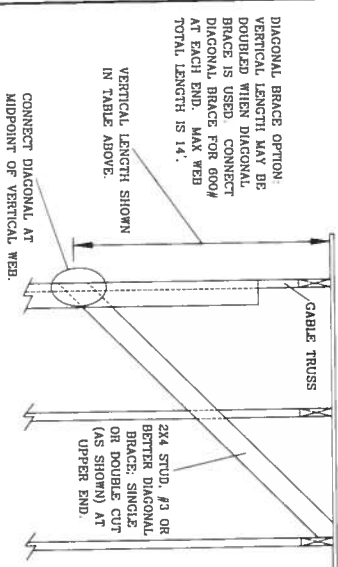
IMPORTANT: A JURISN COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TROSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & MAINTAINING THE TROSSES. AN DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN & BUILD CODES AND THE STEEL DECKING PRODUCT SPECIFICATIONS. MAKE OF 50/160A (H/V) ASTM A653 GRADE 40-60 G/GV-H/SI STEEL SHEET PILING PLATE. ANY INSPECTION OF PLATES MUST BE MADE BY THE LOCAL AUTHORITY. PER ANNEX A3 OF TPI-1-2002 SEC. 3, A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TROSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANSI/TPI 1 SEC. 2



ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

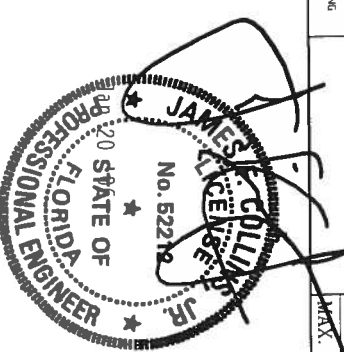


MAX GABLE VERTICAL LENGTH		24" O.C.		16" O.C.		12" O.C.	
CABLE VERTICAL SPACING	SPECIES	BRACE		BRACE		BRACE	
		NO BRACES	BRACES	NO BRACES	BRACES	NO BRACES	BRACES
24"	SPF	#1 / #2	3' 10"	6' 8"	6' 10"	6' 8"	6' 10"
	SPF	#3	3' 9"	6' 0"	6' 0"	6' 0"	6' 0"
	STUD	#1	3' 9"	6' 0"	6' 0"	6' 0"	6' 0"
	STUD	#2	3' 9"	6' 2"	5' 2"	6' 9"	6' 2"
24"	SPF	#1	4' 3"	6' 8"	7' 2"	7' 11"	6' 8"
	SPF	#2	4' 2"	6' 8"	7' 2"	7' 11"	6' 8"
	STUD	#3	4' 0"	6' 1"	6' 1"	7' 11"	6' 8"
	STUD	#3	3' 10"	5' 3"	5' 3"	6' 11"	6' 8"
24"	SPF	#1 / #2	4' 5"	7' 8"	7' 10"	9' 1"	9' 4"
	SPF	#3	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"
	STUD	#1	4' 4"	6' 4"	6' 4"	8' 4"	8' 4"
	STUD	#2	4' 10"	7' 8"	8' 3"	9' 1"	9' 1"
24"	SPF	#1	4' 0"	7' 8"	8' 3"	9' 1"	9' 1"
	SPF	#2	4' 6"	7' 7"	7' 7"	9' 1"	9' 1"
	STUD	#3	4' 6"	7' 6"	7' 6"	9' 1"	9' 1"
	STUD	#3	4' 5"	6' 5"	6' 5"	8' 6"	8' 6"
24"	SPF	#1 / #2	4' 11"	8' 5"	8' 8"	10' 0"	10' 3"
	SPF	#3	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"
	STUD	#1	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"
	STUD	#2	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"
24"	SPF	#1	5' 3"	8' 5"	9' 1"	10' 0"	10' 0"
	SPF	#2	5' 3"	8' 5"	8' 5"	10' 0"	10' 0"
	STUD	#3	5' 0"	8' 5"	8' 5"	10' 0"	10' 0"
	STUD	#3	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

<p>ALPINE ENGINEERED PRODUCTS, INC. POMPAHO BEACH, FLORIDA</p>		<p>MAX. TOT. LD. 60 PSF</p>		<p>MAX. SPACING 24.0"</p>	
REF	ASCE7-02-CAB11015	DATE	04/15/05	DRWG	A11015E0405
ENG					



BRACING GROUP SPECIES AND GRADES:	
GROUP A:	HEM-FIR
SPRUCE-PINE-FIR	STUD
#1 / #2	STANDARD
#3	STUD
DOUGLAS FIR-LARCH	STUD
#1	STANDARD
#2	STUD
DOUGLAS FIR-LARCH	STUD
#1	STANDARD
#2	STUD

GABLE TRUSS DETAIL NOTES:	
LIVE LOAD DEFLECTION CRITERIA IS L/240.	
PROVIDE UPLIFT CONNECTIONS FOR 80 PSF OVER CONTINUOUS BEARING (5 PSF TO DEAD LOAD).	
CABLE END SUPPORTS LOAD FROM 4' 0" OUTDOCKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.	
ATTACH EACH 1" BRACE WITH 10d NAILS.	
* FOR (1) 1" BRACE: SPACE NAILS AT 2' 0" O.C. IN 16' END ZONES AND 4' O.C. BETWEEN ZONES.	
** FOR (2) 1" BRACES: SPACE NAILS AT 3' O.C. IN 16' END ZONES AND 6' O.C. BETWEEN ZONES.	
1" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.	
CABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1x4 OR 2x3
GREATER THAN 4' 0" BUT LESS THAN 11' 6"	2x4
GREATER THAN 11' 6"	2x6
+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.	

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE.
FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE
BRACING.

WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X6	1 ROW	2X6	1-2X6
2X6	2 ROWS	2X6	2-2X6(*)

T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

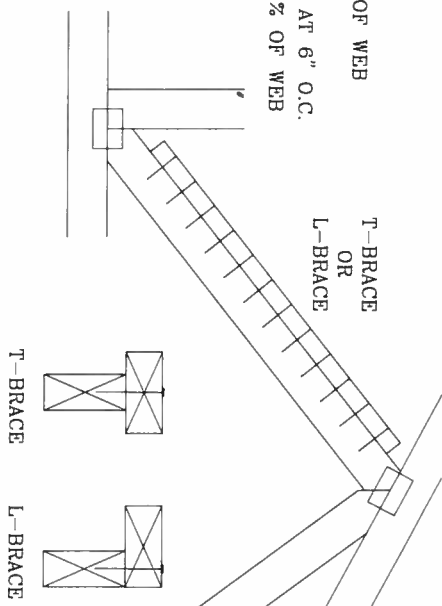
MAINTENANCE. THESE ACCESSORIES REQUIRE EXTREME CARE IN FACTURING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC-1, -03 EXISTING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS AND PLATE INSTITUTE, 563 DUNDAS RD. N., SUITE 200, MAISON, WI 53579 AND AWC (WOOD TRUSS COMPANY) OF AMERICA, 6300 ENTERPRISE, IN MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

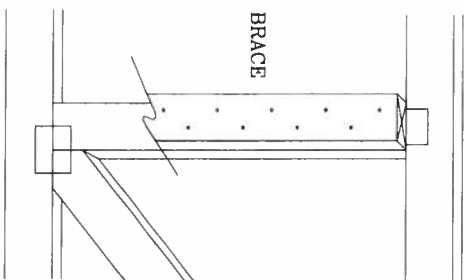
T-BRACING
OR
L-BRACING:

APPLY TO EITHER SIDE OF WEB
NARROW FACE
ATTACH WITH 16d NAILS AT 6" O.C.
BRACE IS A MINIMUM 80% OF WEB
MEMBER LENGTH



SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB
NO MORE THAN (1) SCAB PER FACE.
ATTACH WITH 10d OR .128"x3" GUN
NAILS AT 6" O.C. BRACE IS A MINIMUM
80% OF WEB MEMBER LENGTH



THIS DRAWING REPLACES DRAWING 579,640

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	BRCLESUB1103
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			