

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:1ST8487-Z0223114041

Truss Fabricator: Anderson Truss Company
Job Identification: 5-562-STANLEY CRAWFORD - WHITEHEAD
Truss Count: 44
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.22.

Structural Engineer of Record:

Address:

Minimum Design Loads: Roof - 40.0 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: HCUSR487

Details: BRCLBSUB

Seal Date: 12/23/2005

-Truss Design Engineer-
Arthur R. Fisher

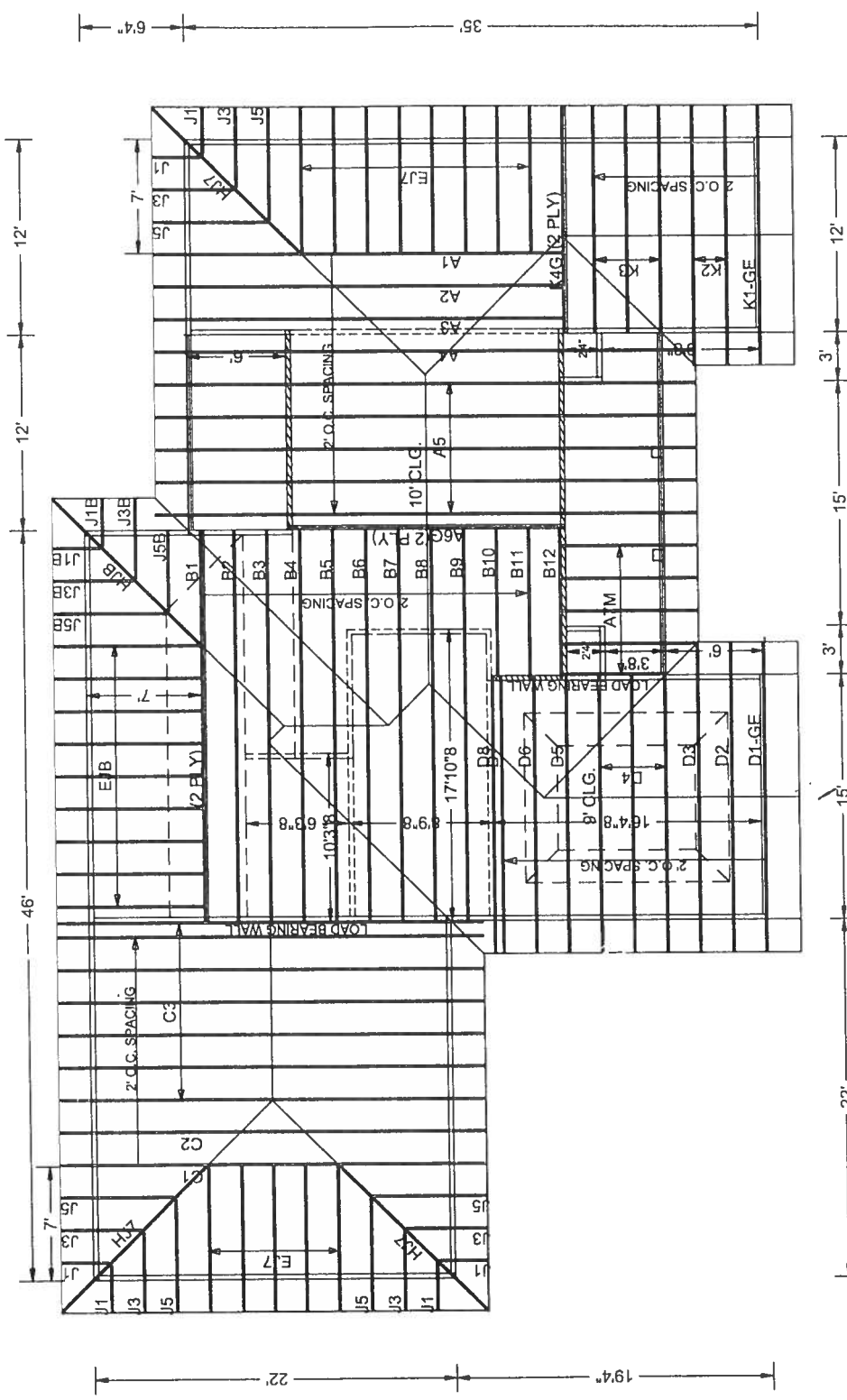
Florida License Number: 59687
1950 Marley Drive
Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	86144--A1		05357065	12/23/05
2	86145--A2		05357066	12/23/05
3	86146--A3		05357067	12/23/05
4	86147--A4		05357068	12/23/05
5	86148--A5		05357069	12/23/05
6	86149--A6G		05357070	12/23/05
7	86150--B1		05357071	12/23/05
8	86151--B2		05357095	12/23/05
9	86152--B3		05357052	12/23/05
10	86153--B4		05357072	12/23/05
11	86154--B5		05357073	12/23/05
12	86155--B6		05357074	12/23/05
13	86156--B7		05357075	12/23/05
14	86157--B8		05357076	12/23/05
15	86158--B9		05357077	12/23/05
16	86159--B10		05357053	12/23/05
17	86160--B11		05357054	12/23/05
18	86161--B12		05357055	12/23/05
19	86162--C1		05357078	12/23/05
20	86163--C2		05357056	12/23/05
21	86164--C3		05357057	12/23/05
22	86165--D1-GE		05357079	12/23/05
23	86166--D2		05357058	12/23/05
24	86167--D3		05357059	12/23/05
25	86168--D4		05357060	12/23/05
26	86169--D5		05357061	12/23/05
27	86170--D6		05357080	12/23/05
28	86171--D7		05357081	12/23/05
29	86172--D8		05357082	12/23/05
30	86173--HJ7		05357083	12/23/05
31	86174--EJ7		05357084	12/23/05
32	86175--J5		05357085	12/23/05
33	86176--J3		05357086	12/23/05
34	86177--J1		05357087	12/23/05
35	86178--HJB		05357088	12/23/05
36	86179--EJB		05357062	12/23/05

#	Ref	Description	Drawing#	Date
37	86180--J5B		05357089	12/23/05
38	86181--J3B		05357090	12/23/05
39	86182--J1B		05357091	12/23/05
40	86183--A7M		05357092	12/23/05
41	86184--K1-GE		05357093	12/23/05
42	86185--K2		05357063	12/23/05
43	86186--K3		05357064	12/23/05
44	86187--K4G		05357094	12/23/05

ARE THESE UPLIFTS
REALLY RIGHT?





12/22/05 #5-562 STANLEY CRAWFORD - WHITEHEAD

Scale: 3/32" = 1'

752-5152
623-7294 - matt

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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.

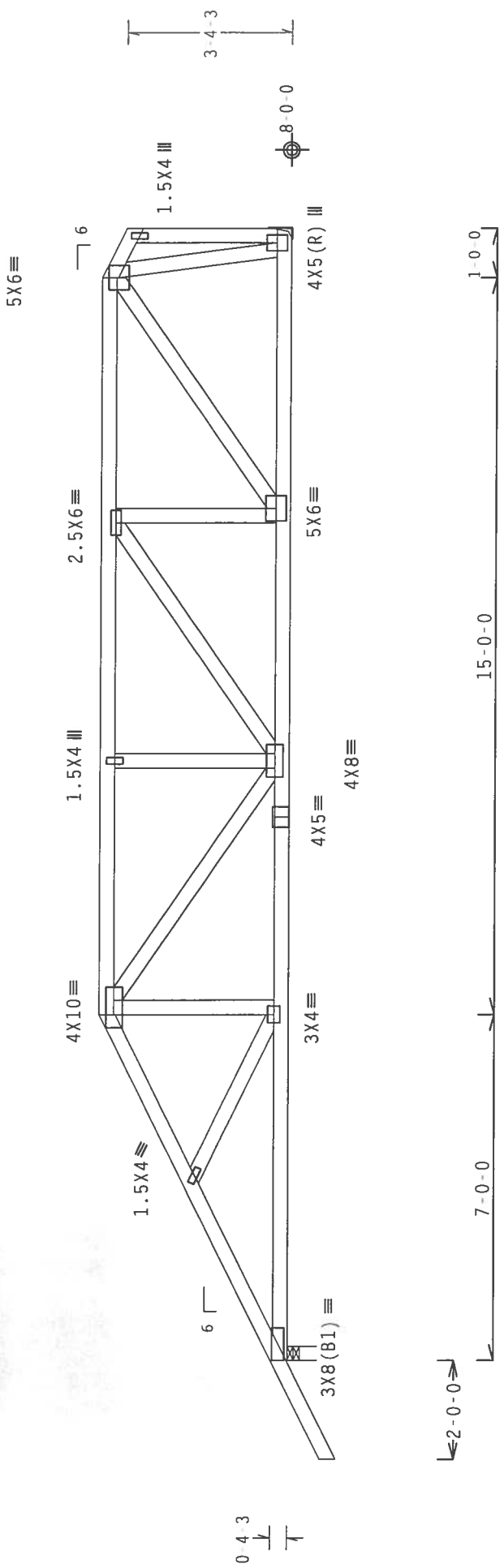
#1 hip supports 7'-0" jacks with no webs.

Trusses or components connecting to this girder have been modified by
the truss designer. The loading for this girder requires verification
for accuracy.

Right end vertical not exposed to wind pressure.

H = recommended connection based on manufacturer tested capacities and
calculations. Conditions may exist that require different connections
than indicated. Refer to manufacturer publication for additional
information.

Deflection meets L/360 live and L/240 total load. Creep increase
factor for dead load is 1.50.

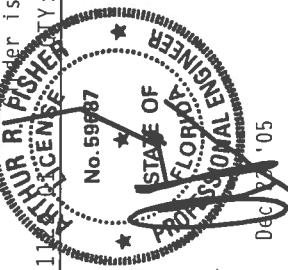


R=1920 U-183 W=3.5"

23'-0" Over 2 Supports

R-1990 U-180 H-Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Order is (1)2X6 min. So.Pine

Scale = .3125"/Ft.



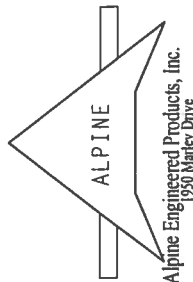
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.22.11

PLT TYP. Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ORFIO DR., 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 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 FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES OR TO PROVIDE THE TRUSS WITH PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALPINE CONNECTOR PLATES ARE MADE TO THE TPI STANDARD (TPI-2002(STD)/FBC) AND SHALL BE USED IN ALL APPLICATIONS. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE INDICATED, SHALL BE PERMANENTLY LOCATED ON THE EXTERIOR FACE OF THE TRUSS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC 1.3. SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT.

TC LL	20.0 PSF	REF	R487 -- 86144
TC DL	10.0 PSF	DATE	12/23/05
BC DL	10.0 PSF	DRW	HCUSR487 05357065
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN	20351
DUR.FAC.	1.25	FROM	SA



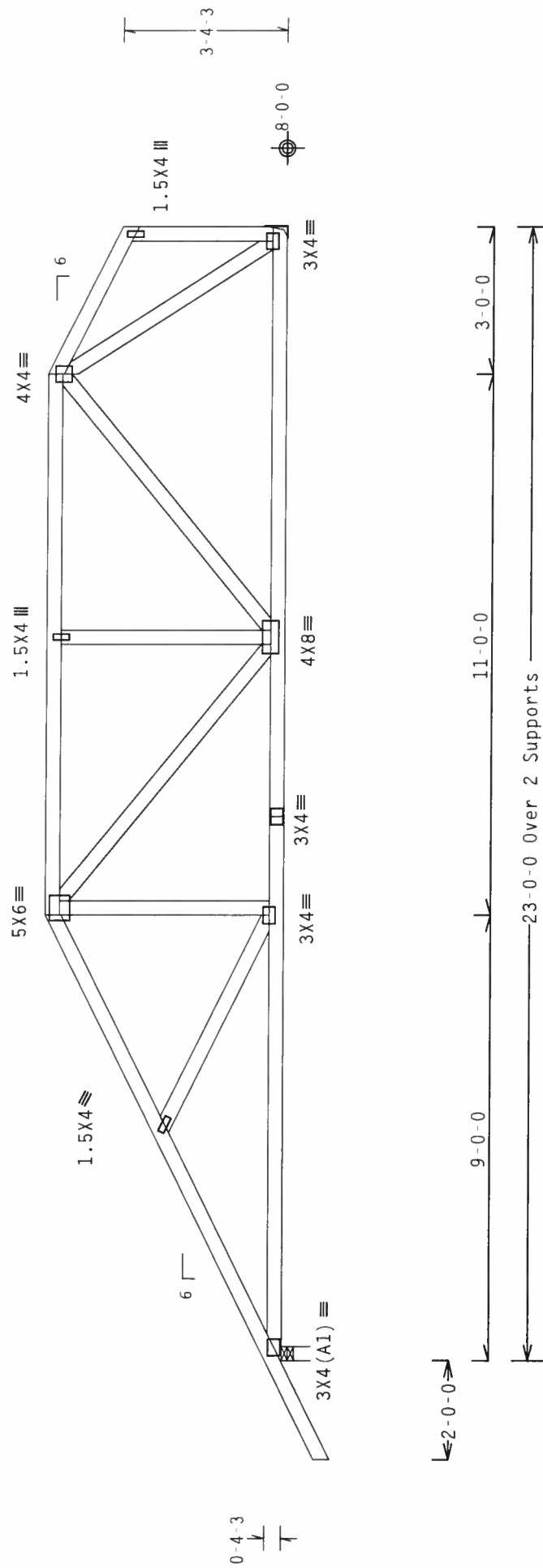
Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

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.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Right end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=1094 U=180 W=3.5"

R=934 U=180 H=Simpson LUS26
w/ (3) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

TYPE: 1 FL/-/4/-/-/R/-

Scale = .3125"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE CHLH PLATE INSTITUTE, 983 D-000RTO DR., SUITE 200, MADISON, WI 53719, AND WCA WOOD TRUSS COUNCIL OF NORTH AMERICA, 1000 W. 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 TOP CHORD SEALING.

*****WARNING***** TRUSSES BUILDING EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BECS 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFIO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSSES 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. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN CONFORMANCE WITH TPI'S OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMANCE WITH TPI'S OR FABRICATING OF TRUSSES (NATIONAL DESIGN SPEC., BY AFAPA) AND TPI's ALPINE CONNECTOR PLATES ARE MADE ON 20/10/18/20/22/24/26/28/30/32/34/36/38/40/42/44/46/48/50/52/54/56/58/60/62/64/66/68/70/72/74/76/78/80/82/84/86/88/90/92/94/96/98/100/102/104/106/108/110/112/114/116/118/120/122/124/126/128/130/132/134/136/138/140/142/144/146/148/150/152/154/156/158/160/162/164/166/168/170/172/174/176/178/180/182/184/186/188/190/192/194/196/198/200/202/204/206/208/210/212/214/216/218/220/222/224/226/228/230/232/234/236/238/240/242/244/246/248/250/252/254/256/258/260/262/264/266/268/270/272/274/276/278/280/282/284/286/288/290/292/294/296/298/300/302/304/306/308/310/312/314/316/318/320/322/324/326/328/330/332/334/336/338/340/342/344/346/348/350/352/354/356/358/360/362/364/366/368/370/372/374/376/378/380/382/384/386/388/390/392/394/396/398/400/402/404/406/408/410/412/414/416/418/420/422/424/426/428/430/432/434/436/438/440/442/444/446/448/450/452/454/456/458/460/462/464/466/468/470/472/474/476/478/480/482/484/486/488/490/492/494/496/498/500/502/504/506/508/510/512/514/516/518/520/522/524/526/528/530/532/534/536/538/540/542/544/546/548/550/552/554/556/558/560/562/564/566/568/570/572/574/576/578/580/582/584/586/588/590/592/594/596/598/600/602/604/606/608/610/612/614/616/618/620/622/624/626/628/630/632/634/636/638/640/642/644/646/648/650/652/654/656/658/660/662/664/666/668/670/672/674/676/678/680/682/684/686/688/690/692/694/696/698/700/702/704/706/708/710/712/714/716/718/720/722/724/726/728/730/732/734/736/738/740/742/744/746/748/750/752/754/756/758/760/762/764/766/768/770/772/774/776/778/780/782/784/786/788/790/792/794/796/798/800/802/804/806/808/810/812/814/816/818/820/822/824/826/828/830/832/834/836/838/840/842/844/846/848/850/852/854/856/858/860/862/864/866/868/870/872/874/876/878/880/882/884/886/888/890/892/894/896/898/900/902/904/906/908/910/912/914/916/918/920/922/924/926/928/930/932/934/936/938/940/942/944/946/948/950/952/954/956/958/960/962/964/966/968/970/972/974/976/978/980/982/984/986/988/990/992/994/996/998/1000/1002/1004/1006/1008/1010/1012/1014/1016/1018/1020/1022/1024/1026/1028/1030/1032/1034/1036/1038/1040/1042/1044/1046/1048/1050/1052/1054/1056/1058/1060/1062/1064/1066/1068/1070/1072/1074/1076/1078/1080/1082/1084/1086/1088/1090/1092/1094/1096/1098/1100/1102/1104/1106/1108/1110/1112/1114/1116/1118/1120/1122/1124/1126/1128/1130/1132/1134/1136/1138/1140/1142/1144/1146/1148/1150/1152/1154/1156/1158/1160/1162/1164/1166/1168/1170/1172/1174/1176/1178/1180/1182/1184/1186/1188/1190/1192/1194/1196/1198/1200/1202/1204/1206/1208/1210/1212/1214/1216/1218/1220/1222/1224/1226/1228/1230/1232/1234/1236/1238/1240/1242/1244/1246/1248/1250/1252/1254/1256/1258/1260/1262/1264/1266/1268/1270/1272/1274/1276/1278/1280/1282/1284/1286/1288/1290/1292/1294/1296/1298/1300/1302/1304/1306/1308/1310/1312/1314/1316/1318/1320/1322/1324/1326/1328/1330/1332/1334/1336/1338/1340/1342/1344/1346/1348/1350/1352/1354/1356/1358/1360/1362/1364/1366/1368/1370/1372/1374/1376/1378/1380/1382/1384/1386/1388/1390/1392/1394/1396/1398/1400/1402/1404/1406/1408/1410/1412/1414/1416/1418/1420/1422/1424/1426/1428/1430/1432/1434/1436/1438/1440/1442/1444/1446/1448/1450/1452/1454/1456/1458/1460/1462/1464/1466/1468/1470/1472/1474/1476/1478/1480/1482/1484/1486/1488/1490/1492/1494/1496/1498/1500/1502/1504/1506/1508/1510/1512/1514/1516/1518/1520/1522/1524/1526/1528/1530/1532/1534/1536/1538/1540/1542/1544/1546/1548/1550/1552/1554/1556/1558/1560/1562/1564/1566/1568/1570/1572/1574/1576/1578/1580/1582/1584/1586/1588/1590/1592/1594/1596/1598/1600/1602/1604/1606/1608/1610/1612/1614/1616/1618/1620/1622/1624/1626/1628/1630/1632/1634/1636/1638/1640/1642/1644/1646/1648/1650/1652/1654/1656/1658/1660/1662/1664/1666/1668/1670/1672/1674/1676/1678/1680/1682/1684/1686/1688/1690/1692/1694/1696/1698/1700/1702/1704/1706/1708/1710/1712/1714/1716/1718/1720/1722/1724/1726/1728/1730/1732/1734/1736/1738/1740/174

TC LL	20.0	PSF	REF	R487 - -	86145
TC DL	10.0	PSF	DATE	12/23/05	
BC DL	10.0	PSF	DRW	HCUSR487	05357066
BC LL	0.0	PSF	HC-ENG	JB/AF	
TOT.L.D.	40.0	PSF	SEQN -	20369	
DUR.EAC.	125		FROM	SA	

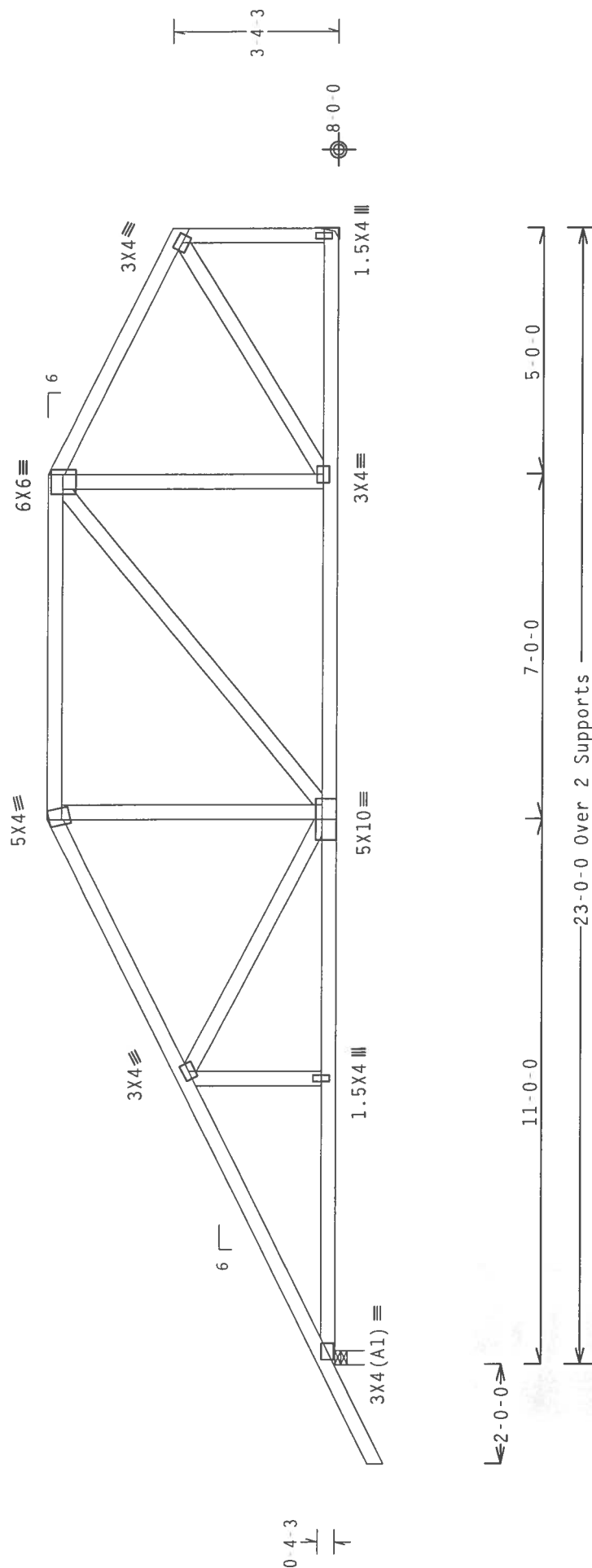
	Top	chord	2x4	SP	#2	Dense
	Bot	chord	2x4	SP	#2	Dense
		webs	2x4	SP	#3	

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.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Right end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R=1094 U=180 W=3.5"

R-934 U-180 H-Simpson LUS26
w/ (3) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

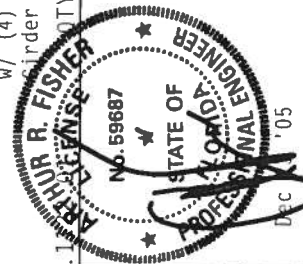
PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Scale = .3125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BECS 1.03 (BUILDING COMPONENT SAFETY INFORMATION), TRUSS COUNCIL BY TPI (TRUSS PACE INSTITUTE, 983 MARSHALL RD., GARDEN GROVE, CALIF. 92640), AND WTA (WOOD TRUSS ASSOCIATION, 537191, 1000 ENTERPRISE BL., MARIETTA, GA 30067) FOR ADDITIONAL INFORMATION. TRUSSES ARE NOT TO BE USED FOR ANY OTHER PURPOSES. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE 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 TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE TO 2018/18GA (W/15%YIELD) ASTM A585 GRADE 40/60 (14 K/15) GALV. STEEL. APPLY TO THE DESIGNER TO OBTAIN THE LOCATION OF THE DESIGN POSITION FOR DRAWINGS. LOG# 2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS A CONDITION FOR TRUSS CONSTRUCTION. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR TRUSS CONSTRUCTION.

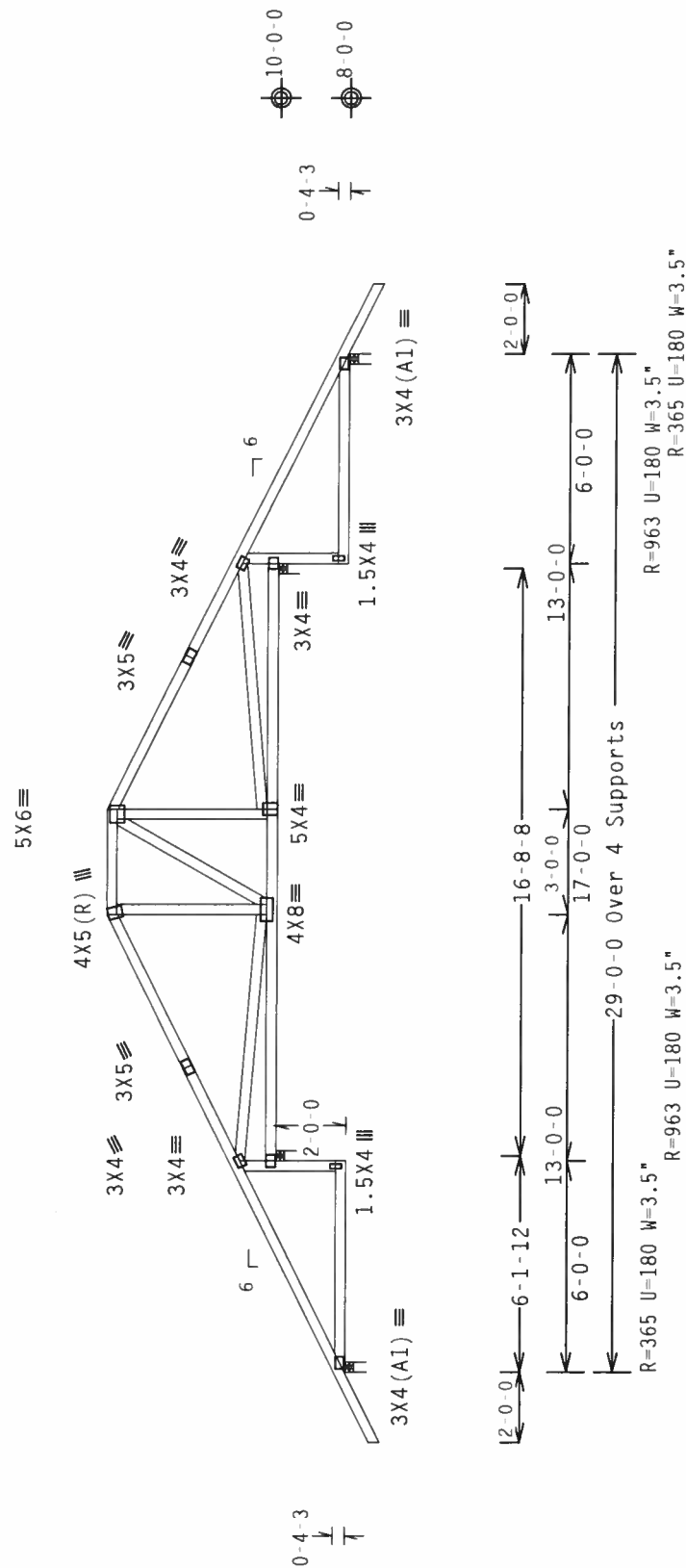


TC	LL	20.0	PSF	REF	R487--	86146
TC	DL	10.0	PSF	DATE	12/23/05	
BC	DL	10.0	PSF	DRW	HCUSR487	05357067
BC	LL	0.0	PSF	HC-ENG	JB/AF	
TOT.	LD.	40.0	PSF	SEQN-	20379	
DUR.	FAC.	1.25		FROM	SA	

Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

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. Creep increase factor for dead load is 1.50.



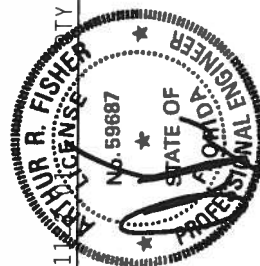
PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

Scale = .1875"/Ft.

TC	LL	20.0	PSF	REF	R487--	86147
TC	DL	10.0	PSF	DATE	12/23/05	
BC	DL	10.0	PSF	DRW	HCUSR487	05357068
BC	LL	0.0	PSF	HC-ENG	JB/AF	
TOT.	LD.	40.0	PSF	SEQN-	20670	
DUR.	FAC.	1.25				



Dec 23 '05

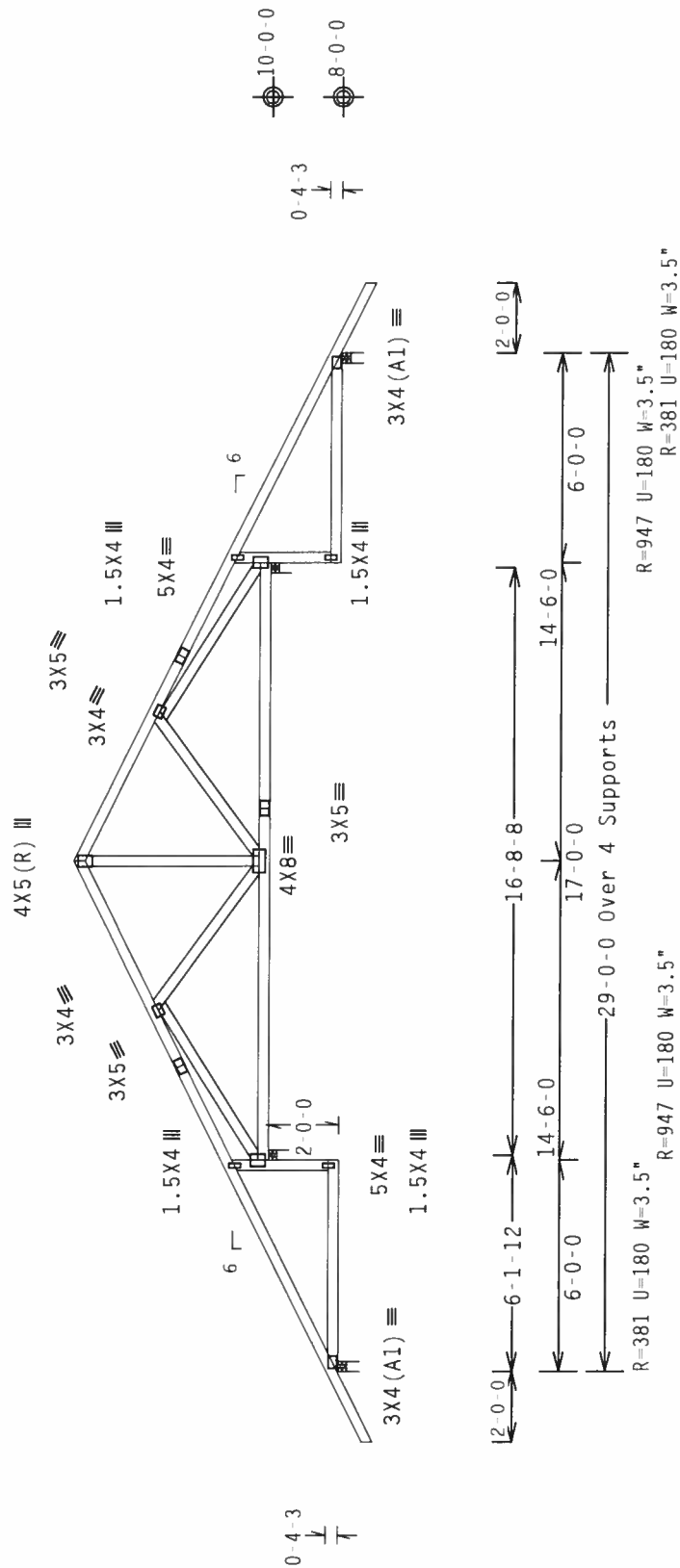


Alpine Engineered Products, Inc.
1950 Marley Drive

	Top	chord	2x4	SP	#2	Dense
	Bot	chord	2x4	SP	#2	Dense
		webs	2x4	SP	#3	

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. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/10(0)$ 7.22.11

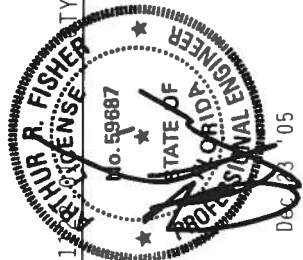
Scale = .1875"/Ft.

WARNING: THUSSES REQUIRE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 1100 NORTH MICHIGAN AVE., SUITE 200, ANN ARBOR, MI 48106) AND AISC 360 (STEEL DESIGNATION, MANUFACTURING AND TESTING SPECIFICATIONS, 1300 NORTH DEARBORN AVE., SUITE 500, DEARBORN, MI 48015) FOR SAFETY PRACTICES PRIOR TO PERFORMING THE WORK. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSSING PLANT), HASI (HUNT, USA), 6000 O'NEAL DR., SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD., 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 SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS CONFORMS WITH APPLICABLE PROVISIONS OF HDOS (NATIONAL DESIGN SPEC). INSTALLING A BRACING OF TRUSSES. THIS DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF HDOS (NATIONAL DESIGN SPEC).
CONNECTOR PLATES ARE MADE OF TRUSS AND OTHERWISE LOCATED ON THIS DESIGN POSITION PER DRAWINGS 160A-2. PLATES TO EACH FACE OF TRUSS AND OTHERWISE LOCATED ON THIS DESIGN POSITION PER DRAWINGS 160A-2.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF IP11 2002 SEC-3.
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

TC LL	20.0	PSF	REF R487-- 86148
TC DL	10.0	PSF	DATE 12/23/05
BC DL	10.0	PSF	DRW HCUSR487 05357069
BC LL	0.0	PSF	HC-ENG JB/AF
TOT.LD.	40.0	PSF	SEQN- 20660
DUR.FAC.	1.25		



Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #2
Webs 2x4 SP #3

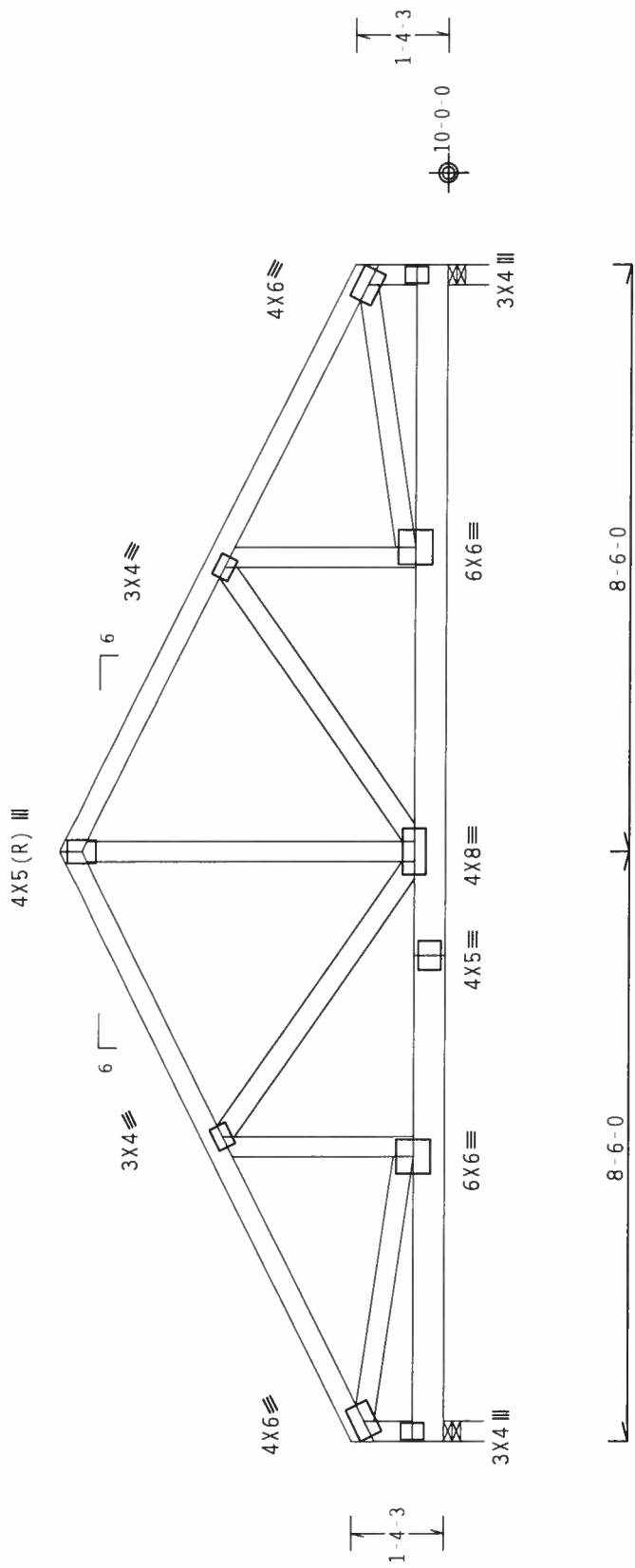
SPECIAL LOADS

-----LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at 0.00 to 62 PLF at 17.00
BC - From 20 PLF at 0.00 to 20 PLF at 17.00
BC - 988 LB Conc. Load at 0.73, 2.73
BC - 982 LB Conc. Load at 4.73, 6.73, 8.73, 10.73
BC - 372 LB Conc. Load at 12.73, 14.73, 16.65

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Common (0.148"x3.25", min.) nails)
Top Chord: 1 Row @12.00" O.C.
Bot Chord: 1 Row @ 4.50" 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, 15.00 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.



R-4769 U=490 W=3.5"
R-3652 U=388 W=3.5"

PLT TYP. Wave

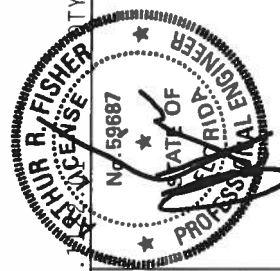
Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.22

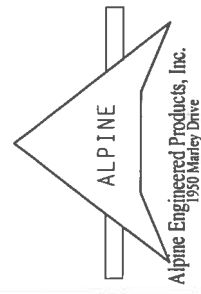
FL/-4/-/-/R/-

Scale = .375"/Ft.

PLT TYP. Wave		Design Crit: TPI-2002(STD)/FBC		Cq/RT=1.00(1.25)/10(0) 7.22		FL/-4/-/-/R/-		Scale = .375"/Ft.	
REF R487 -- 86149		TC LL 20.0 PSF		TC DL 10.0 PSF		BC DL 10.0 PSF		BC LL 0.0 PSF	
DATE 12/23/05		TOT.LD. 40.0 PSF		DUR.FAC. 1.25					
DRW HCUSR4B7 05357070									
HC-ENG JB/AF									
SEQN- 20645									



Dec 23 '05



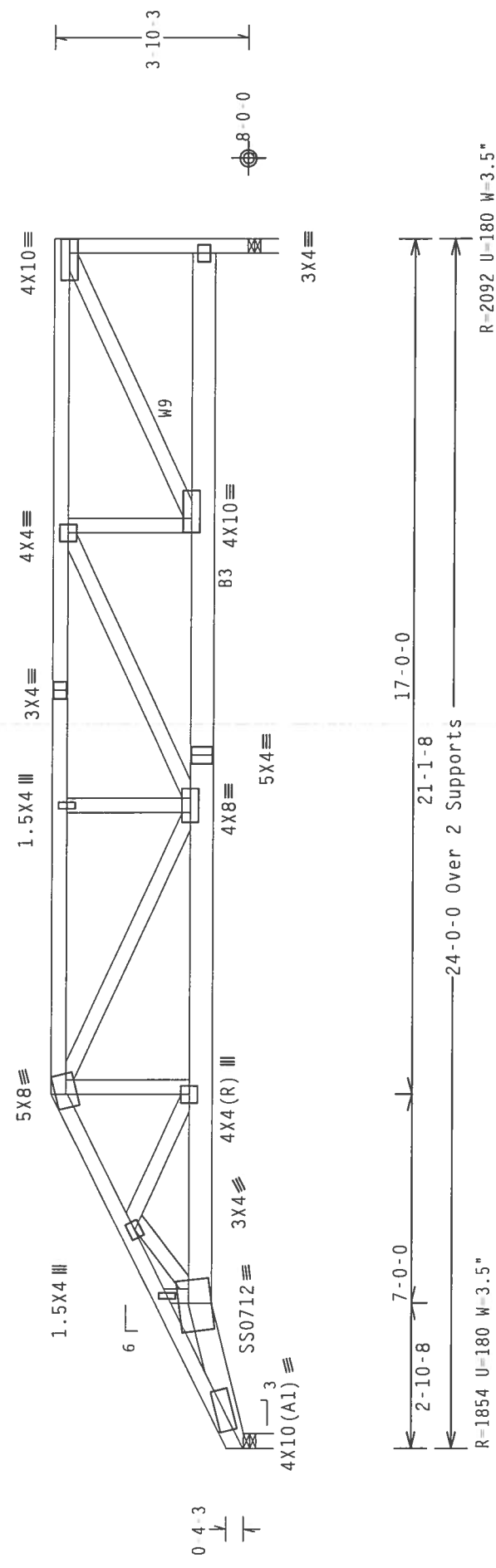
Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense :B3 2x6 SP #2:
Webs 2x4 SP #3 :W9 2x4 SP #2 Dense:

#1 hip supports 7-0-0 jacks W/2 panel TC and no end vert.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Right end vertical not exposed to wind pressure.

110 mph wind, 15.00 ft mean htg, 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.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 18 Gauge HS, Wave

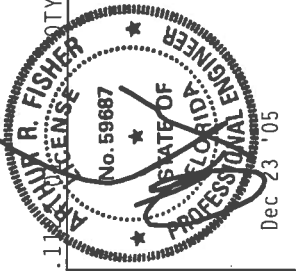
Cq/RT=1.00(1.25)/10(0) 7.22.11

FL/-4/-/-/R/-

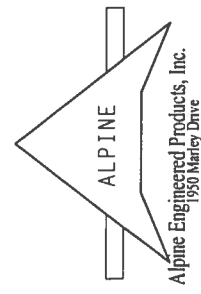
Scale = .3125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DORFORD DR., 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**** 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 TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGNER'S DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE CONNECTOR PLATES ARE MADE OF 2018/18GGA (A1863) ASTM A653 GRADE 40/60 (A1863) GALV. STEEL. THE 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 TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE CHAIRMAN AND THE DESIGNER FOR THE REPRESENTATION OF THE



TC LL	20.0 PSF	REF	R487 -- 86150
TC DL	10.0 PSF	DATE	12/23/05
BC DL	10.0 PSF	DRW	HCUSR487 05357071
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN	20508
DUR.FAC.	1.25		



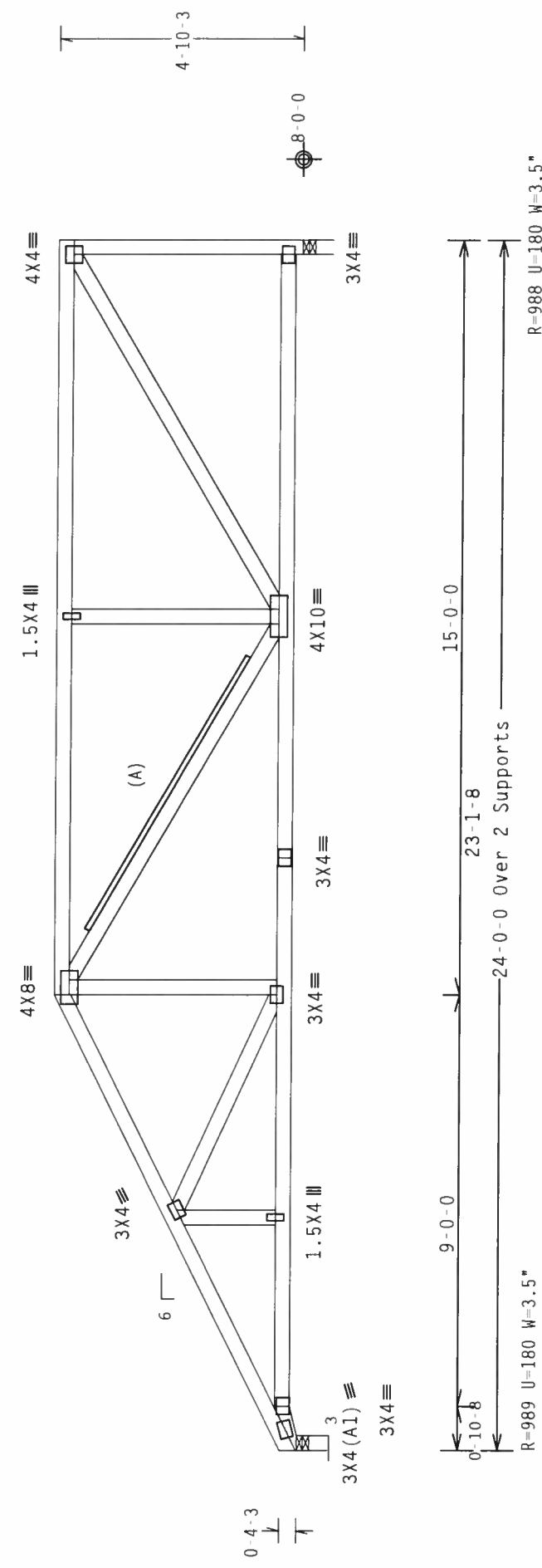
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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.

(A) 1x4 SP #3 or better "I" brace, 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

Right end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.22.11

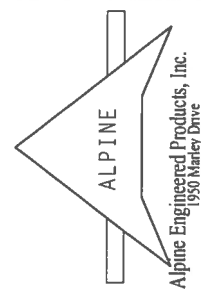
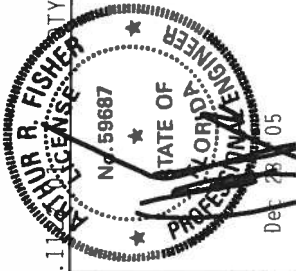
PLT TYP. Wave

TY: 1 FL/- /4/- /- /R/-

Scale = .3125" / Ft.
REF R487 -- 86151
DATE 12/23/05
DRW HCUSR487 05357095
HC-ENG JB/AF
SEQN- 20520

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., 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**** 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 TO THE DESIGN REQUIREMENTS OR TO PROVIDE THE NECESSARY BRACING OR TO PROVIDE THE NECESSARY CORRECTION PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, THE INSTALLER SHALL APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC 3.1. THE INSTALLER SHALL DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS.

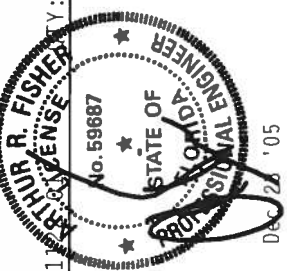
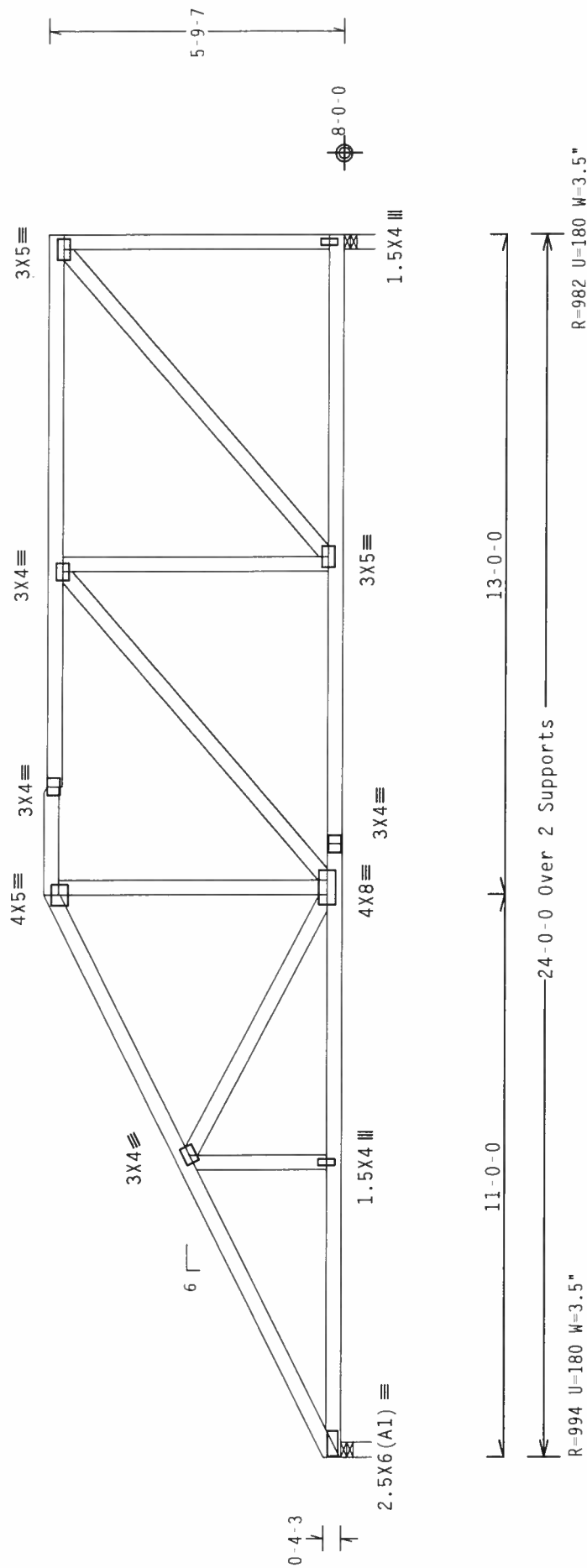


	Top	chord	2x4	SP	#2	Dense
	Bot	chord	2x4	SP	#2	Dense
		webs	2x4	SP	#3	

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. Creep increase factor for dead load is 1.50.

Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC

$$Ca/RT = 1.00(1.25)/10(0) \quad 7.22-11$$

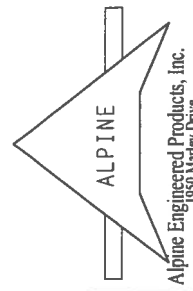
Scale = .3125"/Ft.

TC LL	20.0	PSF	REF R487 -- 86152
TC DL	10.0	PSF	DATE 12/23/05
BC DL	10.0	PSF	DRW HCUSR487 05357052
BC LL	0.0	PSF	HC-ENG JB/AF *
TOT.LD.	40.0	PSF	SEQN- 20529
DUR.FAC.	1.25		

PLT TYP. Wave

[illegible]

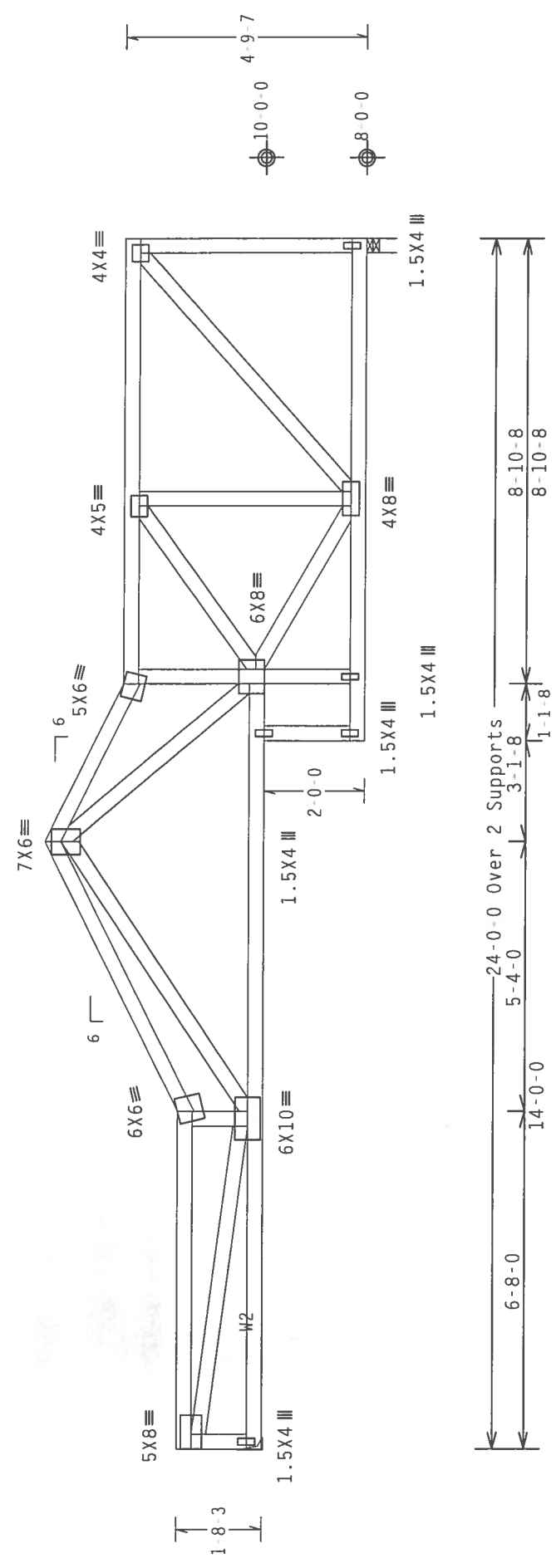
**** IMPORTANT **** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE TRUSS SHALL BE MADE OF STEEL CONNECTOR PLATES ARE MADE OF 2008/18166A (A-36) AS PER ASTM A36 GRADE 40/60 (A 36) IN K/L/S. THE PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 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, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805



Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 : W2 2x4 SP #2 Dense:
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.

Max JT VERT DEFL: LL: 0.26" DL: 0.41" recommended camber 5/8"
Right end vertical not exposed to wind pressure.
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.
Provide for complete drainage of roof.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.
SEE DWGS TCFILLER1103 AND BCFILLER1103 FOR FILLER DETAILS.
LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O.C. AND TOP CHORD UNDER FILLER AT 24" OC INCLUDING A LATERAL BRACE AT CHORD ENDS.



R=988 U=180 H=Simpson LUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

R=988 U=180 W=3.5"

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.22.1

Scale = .3125"/Ft.

QTY: 1

FL / - / 4 / - / - / R / -

TC LL	20.0 PSF	REF	R487 - -	86153
TC DL	10.0 PSF	DATE	12/23/05	
BC DL	10.0 PSF	DRW	HCUSR487	05357072
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN	20544	
DUR.FAC.	1.25			

ALPINE

Alpine Engineered Products, Inc.
1950 Marney Drive

ARTHUR R. FISHER
N. 59687
STATE OF IOWA
PROFESSIONAL ENGINEER
Dec 23 '05

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND METCA (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 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 TRUSSES IN ACCORDANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH THE PROVISIONS OF THE DESIGN. (BY AREA) AND TPI LITEL ALPINE CONNECTOR PLATES ARE MADE OF 2018/1664 (A-10/5/15) ASTM A575 100% MINIMUM YIELD STRENGTH. ALPINE PLATES TO EACH FACE OF TRUSS 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 TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. THE ENTIRETY AND USE OF THIS DOCUMENT FOR THE CONSTRUCTION OF THE TRUSS COMPONENT DESIGN SHALL BE THE RESPONSIBILITY OF THE USER.

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

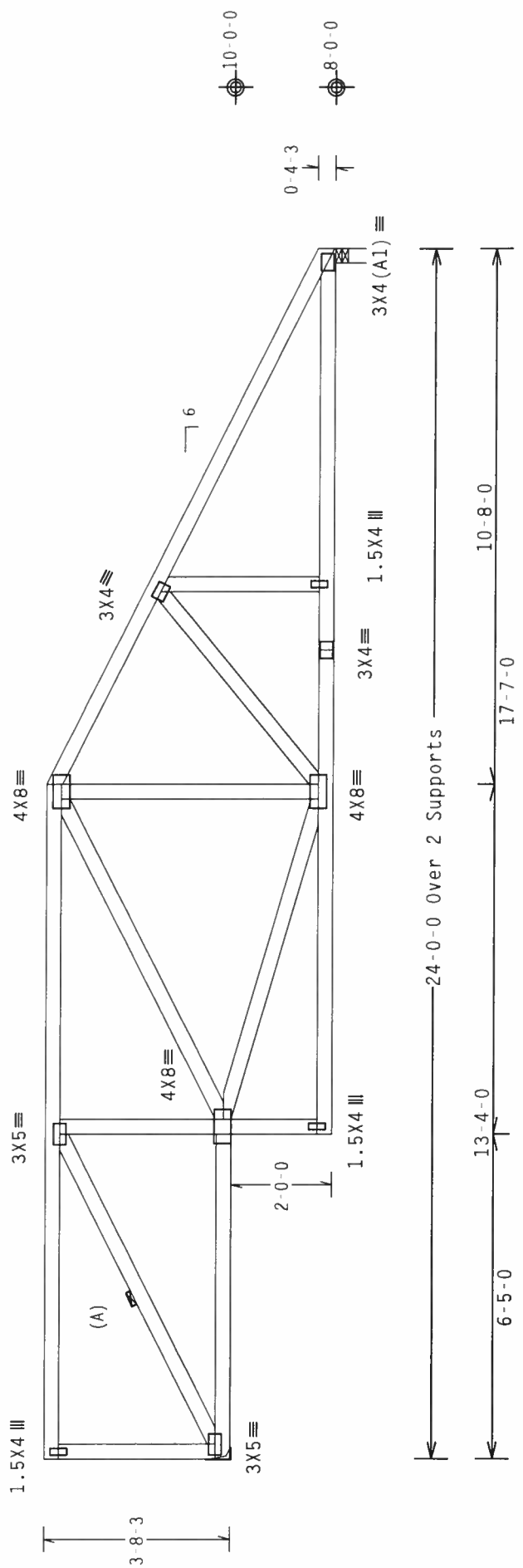
Left end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

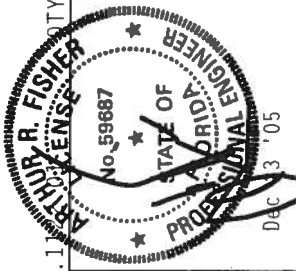


R=982 U=180 H=Simpson LUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2x6 min. So.Pine

R=994 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.22.11

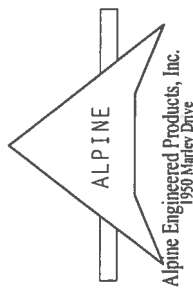
Scale = .3125"/Ft.



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'DONOHUE DR., SUITE 200, MADISON, WI 53719) AND NCA (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**** 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, OR FOR ANY OTHER REASON, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, OR FOR ANY OTHER REASON, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, OR FOR ANY OTHER REASON, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

TC LL	20.0 PSF	REF	R487 -- 86155
TC DL	10.0 PSF	DATE	12/23/05
BC DL	10.0 PSF	DRW	HCUSR487 05357074
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN	20574
DUR.FAC.	1.25		



Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense
Webbs	2x4	SP	#3	

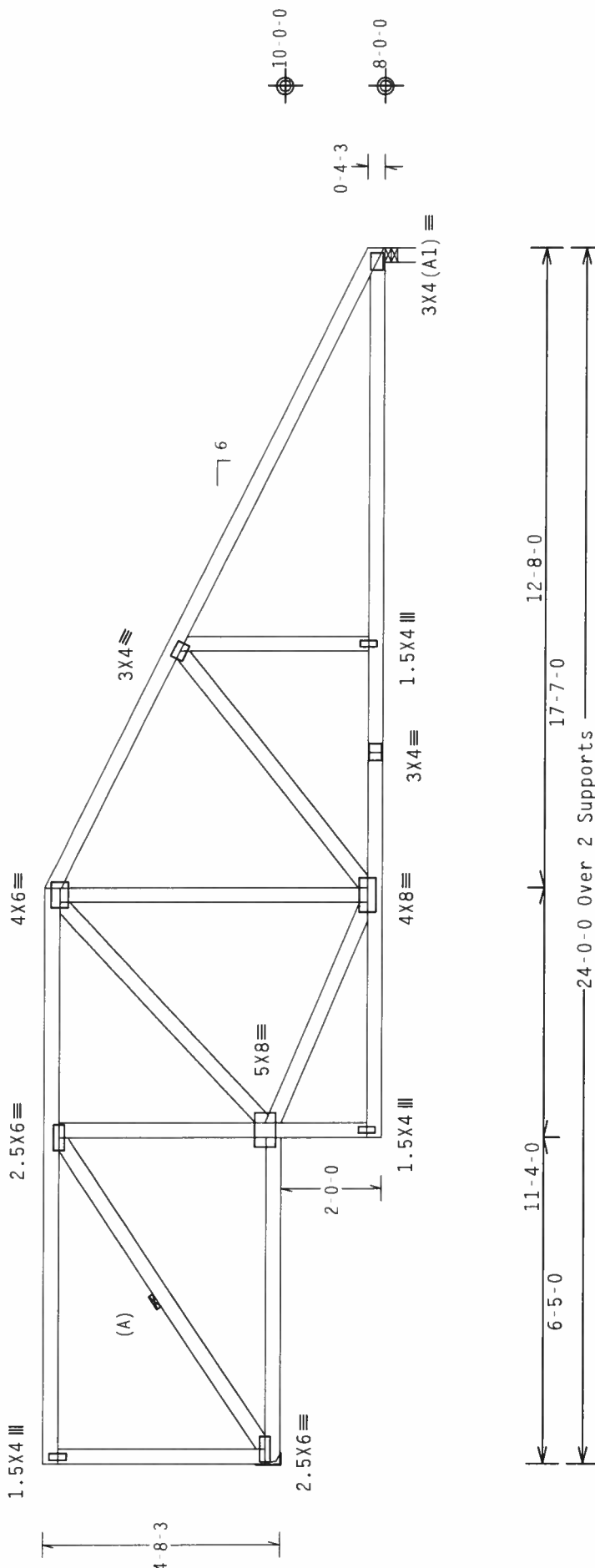
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Left end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.



Q-982 U=180 H=Simpson LUS26
 10d Common, 0.14"x3.0" nails in Truss
 10d Common, 0.14"x3.0" nails in Girder
 Girder is (1)2x6 min. So.Pine

R=994 U=180 W=3.5"

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

FL/-/4/-/-/R/-

Scale = .3125"/Ft.

WARNING: * TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 S. O'FARROW DR., SUITE 200, MADISON, WI 53719), AND MICA (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.

REF R487 - - 86156

DATE 12/23/05

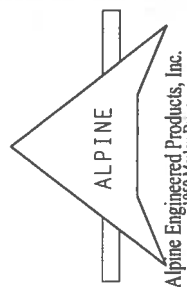
DRW HCUSR487 05357075

HC-ENG JB/AF

SEON- 20586

000007 ALB 700

Dec 29 '05



Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

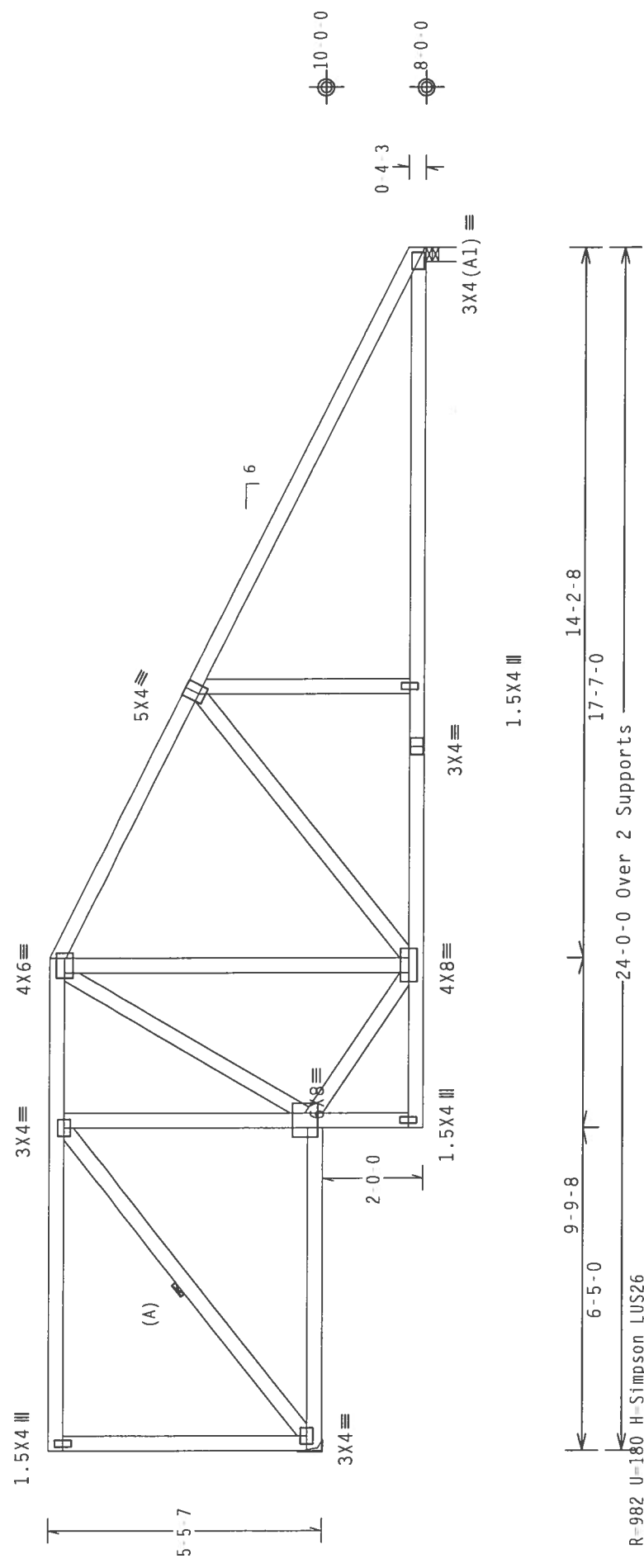
Left end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

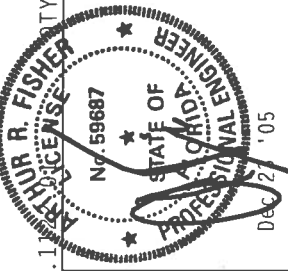
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.



R=982 U=180 H-Simpson LUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1) 2x6 min. So.Pine

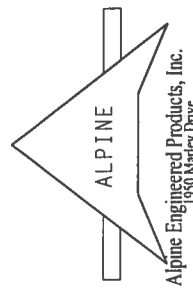


Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.22.11

Scale = .3125" / Ft.	REF R487 -- 86157
TC LL 20.0 PSF	DATE 12/23/05
TC DL 10.0 PSF	DRW HCUSR487 05357076
BC DL 10.0 PSF	HC-ENG JB/AF
BC LL 0.0 PSF	SEQN- 20601
TOT.LD. 40.0 PSF	
DUR.FAC. 1.25	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFIO DR., SUITE 200, MADISON, WI 53719), AND MTCA (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**** 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 AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2010T1060A (N.H/5X3) ASTM A653 GRADE 40/60 (N. K/H/5) GALV. STEEL. APPLY ANY INSPECTION OF FACTS FOLLOWING BY THE INSTALLATION CONTRACTOR. SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS CONTRACTOR.



Top chord 2x4 Sp #2 Dense
Bot chord 2x4 Sp #2 Dense
Webs 2x4 Sp #3

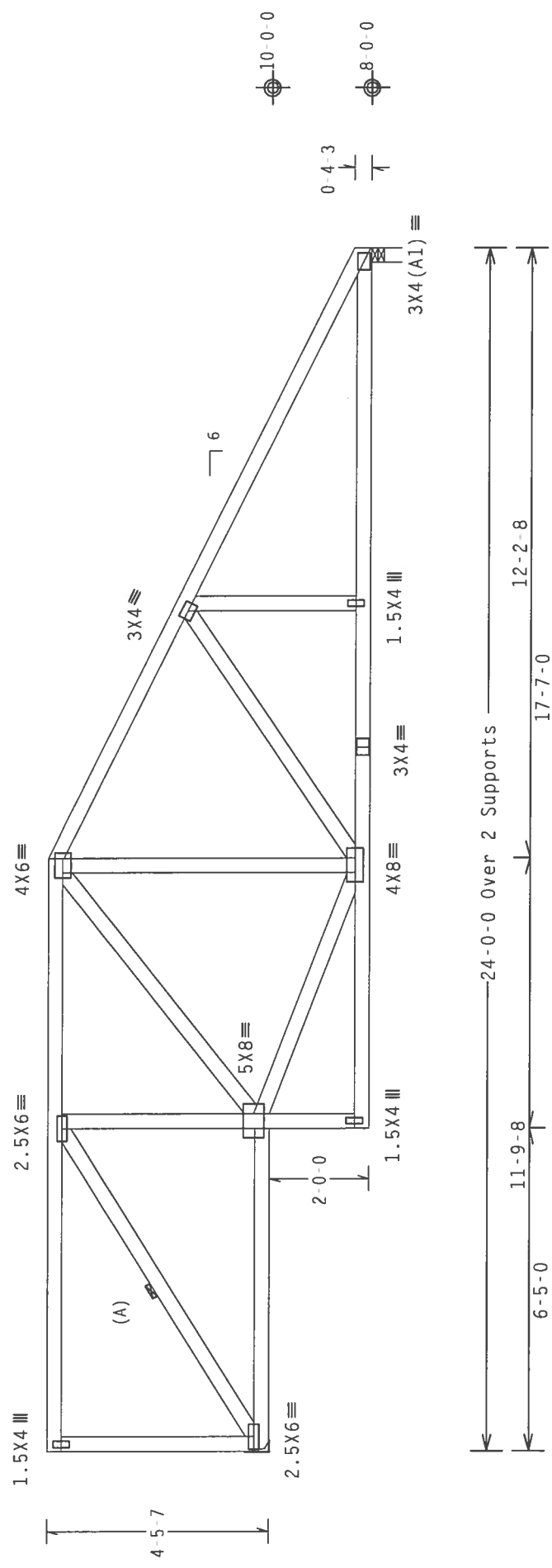
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf.

Left end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load. Creep increase factor
for dead load is 1.50.

H = recommended connection based on manufacturer tested capacities and
calculations. Conditions may exist that require different connections
than indicated. Refer to manufacturer publication for additional
information.



R-982 U-180 H-Simpson LUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

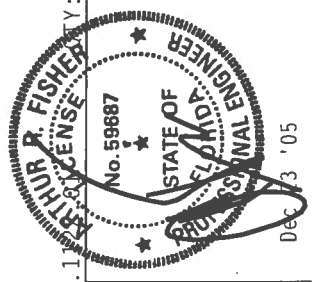
R-994 U-180 W-3.5"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.22.11

PLT TYP. Wave

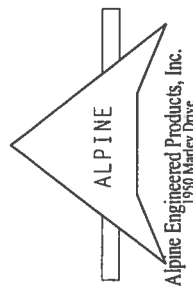
Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R487 --	86158
TC DL	10.0 PSF	DATE	12/23/05	
BC DL	10.0 PSF	DRW	HCUSR487	05357077
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN	20616	
DUR.FAC.	1.25			



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 O'CONNOR DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE DR., 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 & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY APA) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. APPLY THE FOLLOWING NOTES TO ALL TRUSSES: 1. ALL TRUSSES SHALL BE DESIGNED TO MEET THE REQUIREMENTS OF TPI-2002(STD) AND TPI-2002(CEILING). 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC 3. 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT.



Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

End verticals not exposed to wind pressure.

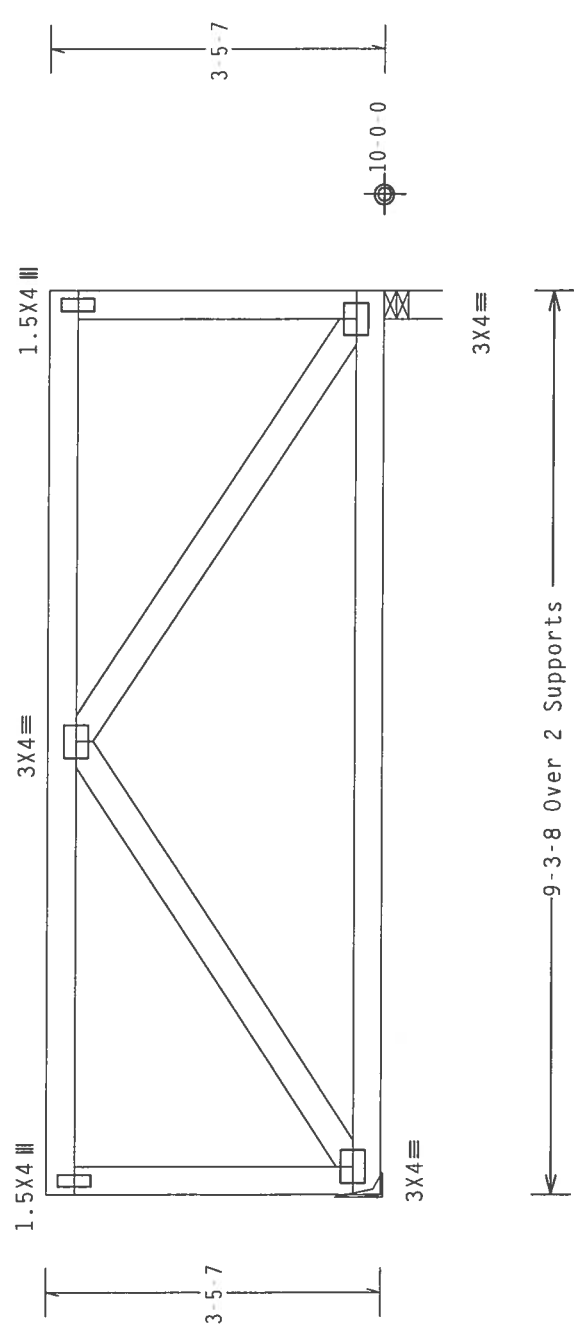
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Provide for complete drainage of roof.

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.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Truss must be installed as shown with top chord up.



R-372 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.22.13

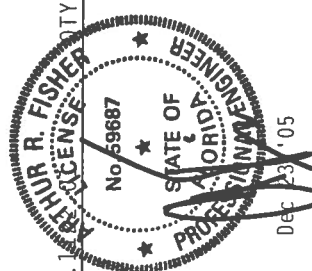
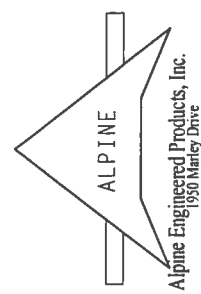
PLT TYP. Wave

TY: 1 FL/-/4/-/R/-

Scale = .5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MICA (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**** 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 TO THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGNER'S DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE 2010 INTERNATIONAL BUILDING CODE (IBC) AND THE 2010 INTERNATIONAL RESIDENTIAL CODE (IRC). CONNECTOR PLATES ARE MADE OF 2010/18GA (48/15/3) ASTM A653 GRADE 40/60 (48/15/3) GALV. STEEL. APPLIES 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 ANEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE CREATIVITY AND USE OF THIS COMPONENT FOR ANY PURPOSE IS THE RESPONSIBILITY OF THE USER.



TC LL	20.0 PSF	REF	R487--	86159
TC DL	10.0 PSF	DATE	12/23/05	
BC DL	10.0 PSF	DRW	HCUSR487	05357053
BC LL	0.0 PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0 PSF	SEON-	20624	
DUR.FAC.	1.25			

	Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense	
		webs	2x4	SP	#3	

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.

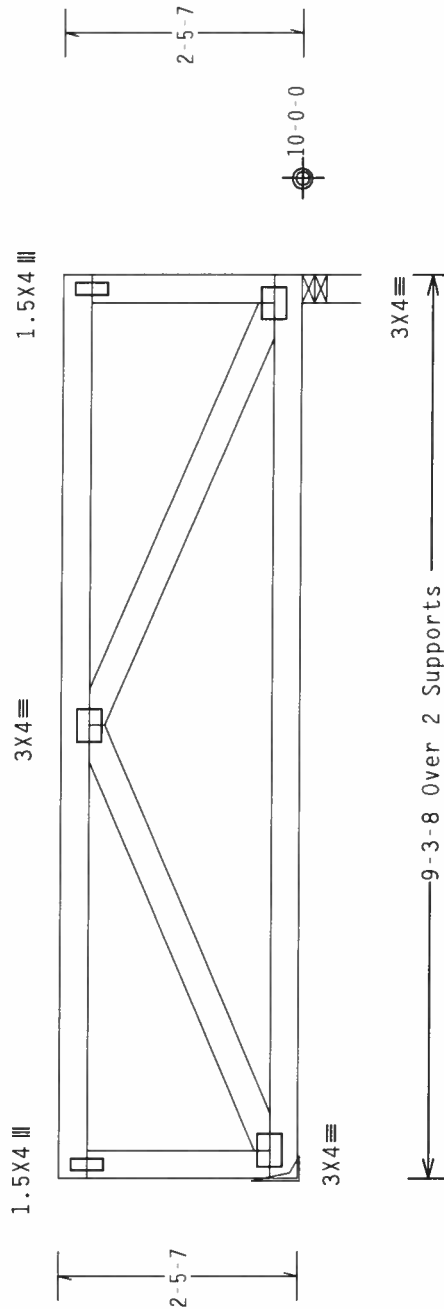
End verticals not exposed to wind pressure.

H MS recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



R=372 U=180 W=3.5"

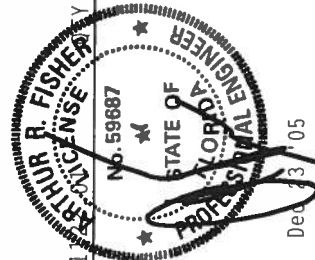
R=372 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC

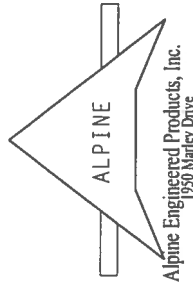
 $Cq/RT=1.00(1.25)/10(0)$

Scale = .5"/Ft.

TC LL	20.0	PSF	REF R487 - - 86160
TC DL	10.0	PSF	DATE 12/23/05
BC DL	10.0	PSF	DRW HCUSR487 05357054
BC LL	0.0	PSF	HC-ENG JB/AF *
TOT.LD.	40.0	PSF	SEQN- 20631
DUR.FAC.	1.25		



Dec 31, 05



	Top	Bot	Dense
chord	2x4	2x4	#2
chord	2x4	2x4	#2
webs	2x4	2x4	#3

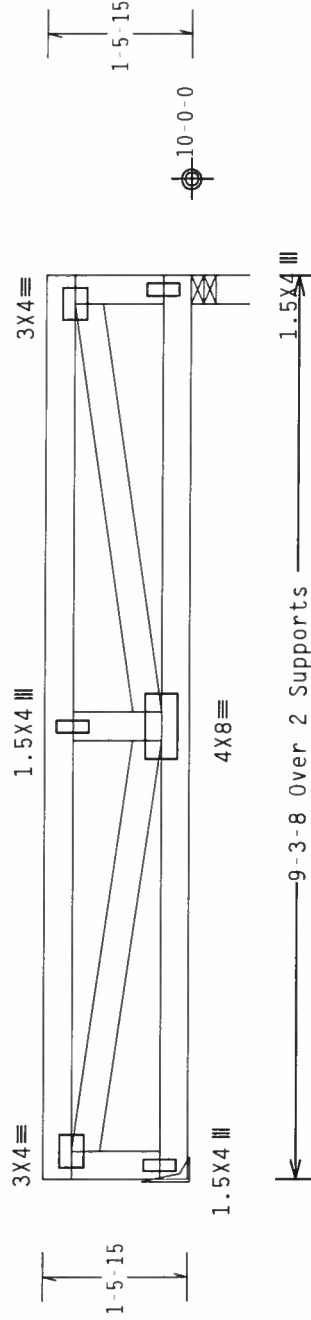
110 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



R=372 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

R=372 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC

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

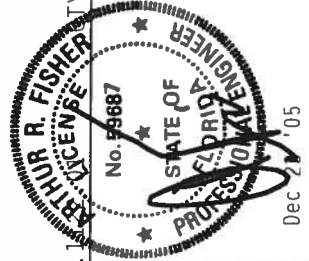
FL/-/4/-/-/R/-

Scale = .5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE INFORMATION FOR TRUSSES MANUFACTURED BY THE TRUSS PLASTIC INSTITUTE, 503 D'DONOFIO RD., SUITE 200, MADISON, WI 53719, AND TO THE TRUSS PLASTIC INSTITUTE, 503 D'DONOFIO RD., SUITE 200, MADISON, WI 53719, FOR ALL TRUSS SPECIFICATIONS. ADDRESS ORIGINATOR'S INDICATIONS. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

$Cq/RT=1.00(1.25)/10(0) \quad 7.$

****IMPORTANT****TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.
THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN.
DESIGN CONFORMANCE WITH ANY PROVISIONS OF ANY APPLICABLE CODES OR REGULATIONS IS THE
DESIGN ENGINEER'S RESPONSIBILITY. THE DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE
DESIGN OF ALL CONNECTIONS AND BRACING OF TRUSSES.
ALL TRUSS MEMBERS SHALL BE ALUMINUM EXCEPT WHERE SHOWN OTHERWISE. ALUMINUM
MEMBERS SHALL BE 6061-T6 ALUMINUM EXCEPT WHERE SHOWN OTHERWISE. STEEL
CONNECTION PLATES ARE MADE OF 2018/18GA U.S./SFS ASTM A563 GRADE 40/60 U.S. SFS
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THE TOP CHORD,
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.3 OF 1911 2002 SEC. 3
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

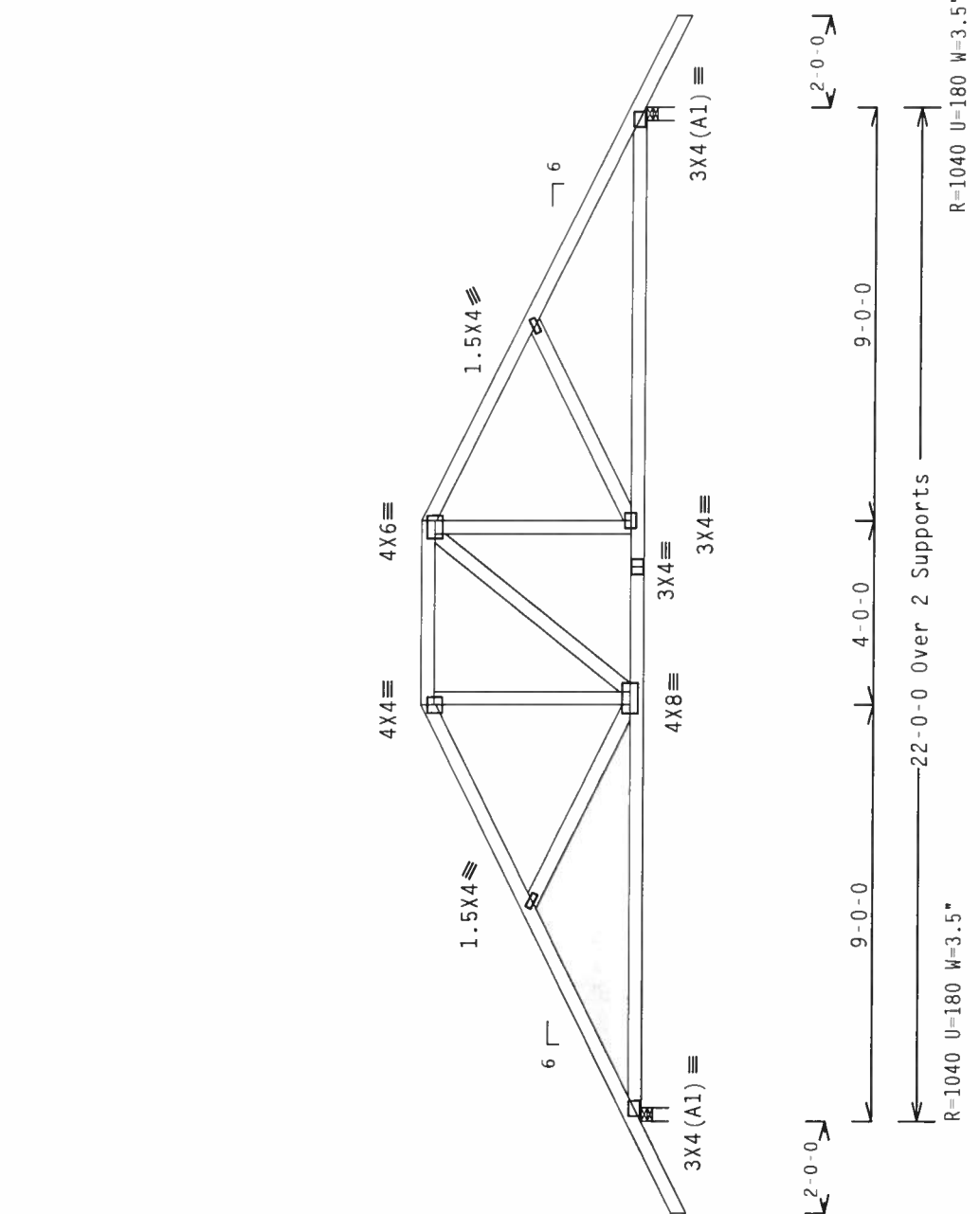


Alpine Engineered Products, Inc.
1950 Marley Drive

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.22.1

Scale = .25" / Ft.

TC LL	20.0 PSF	REF	R487 - 86163
TC DL	10.0 PSF	DATE	12/23/05
BC DL	10.0 PSF	DRW	HCUSR487 05357056
BC LL	0.0 PSF	HC-ENG	JB/AF *
TOT.LD.	40.0 PSF	SEQN	20318
DUR.FAC.	1.25	FROM	SA

ALPINE
Alpine Engineered Products, Inc.
1950 Marine Drive

Professional Engineer
No. 59687
STATE OF CALIFORNIA
Dec 28 '05

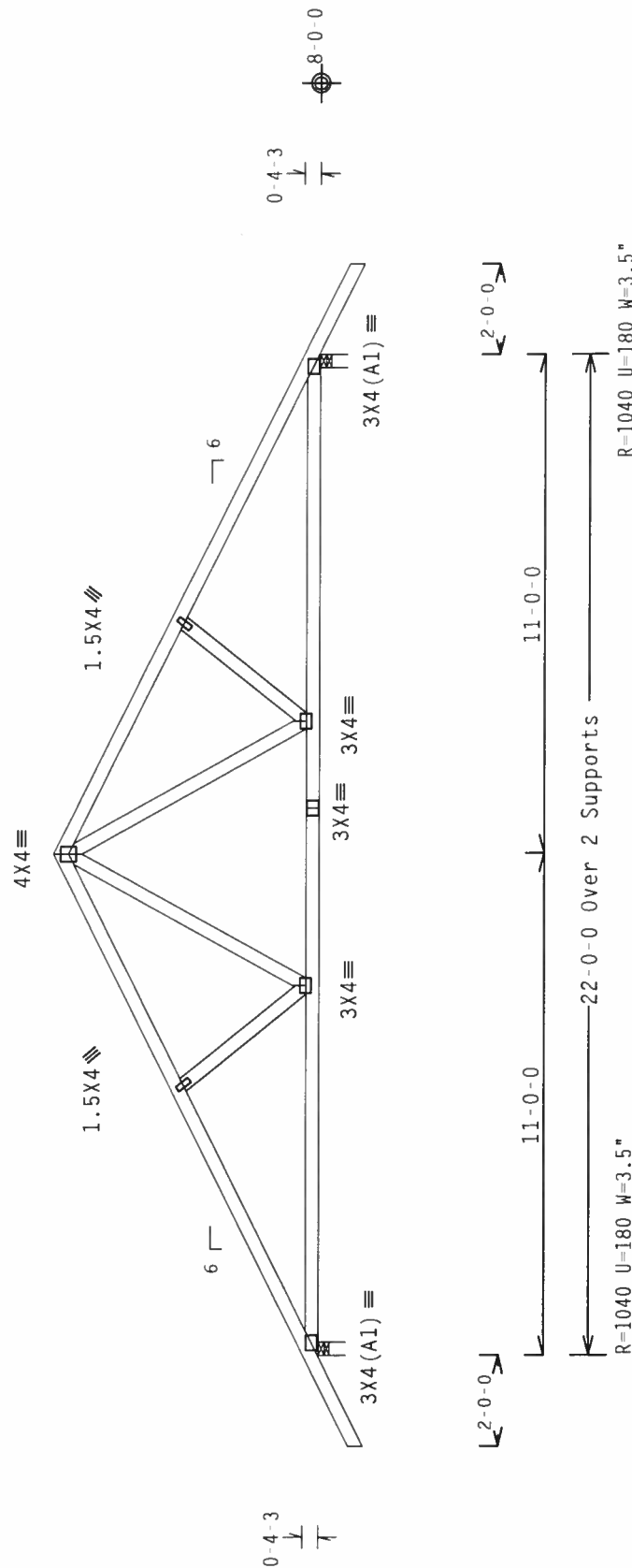
ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002(STD)/FBC OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (AISC 360) AND AISC (AISC 360) 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 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-2002(STD)/FBC OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (AISC 360) AND AISC (AISC 360) 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.

Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

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.

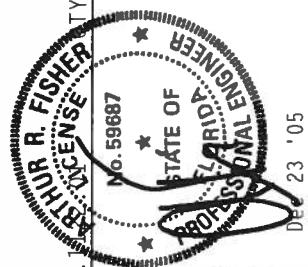
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

Scale = .25"/Ft.

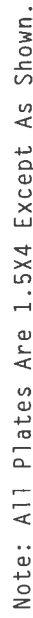
TC LL	20.0	PSF	REF	R487 - -	86164
TC DL	10.0	PSF	DATE	12/23/05	
BC DL	10.0	PSF	DRW	HCUSR487	05357057
BC LL	0.0	PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0	PSF	SEQN-	20329	
DUR.FAC.	1.25		FROM	SA	



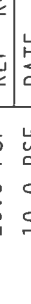
Alpine Engineered Products, Inc.
1950 Marley Drive

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

Stacked top chord must NOT be notched or cut in area (NWL). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

Design Crit: $\text{TPI} - 2002(\text{STD})/\text{FBC}$

PLT	TYP.	Wave	Wave	FL	/	4	/	/	R	Scale
Cq	RT	1.00	(1.25)	10	(0)	7.22	11.8	11.8	11.8	11.8



Alpine Engineered Products, Inc.
190 Valley Drive

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 593 10100 MADISON AVE., MADISON, WI 53719), AND METE (METAL TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719), FOR THE PROPER ERECTING OF THESE TRUSSES. 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 TRUSSES IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/T6664 (N.H/S/K) ASTM A653 GRADE 40/60 (W, K/H.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS 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 TPI 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



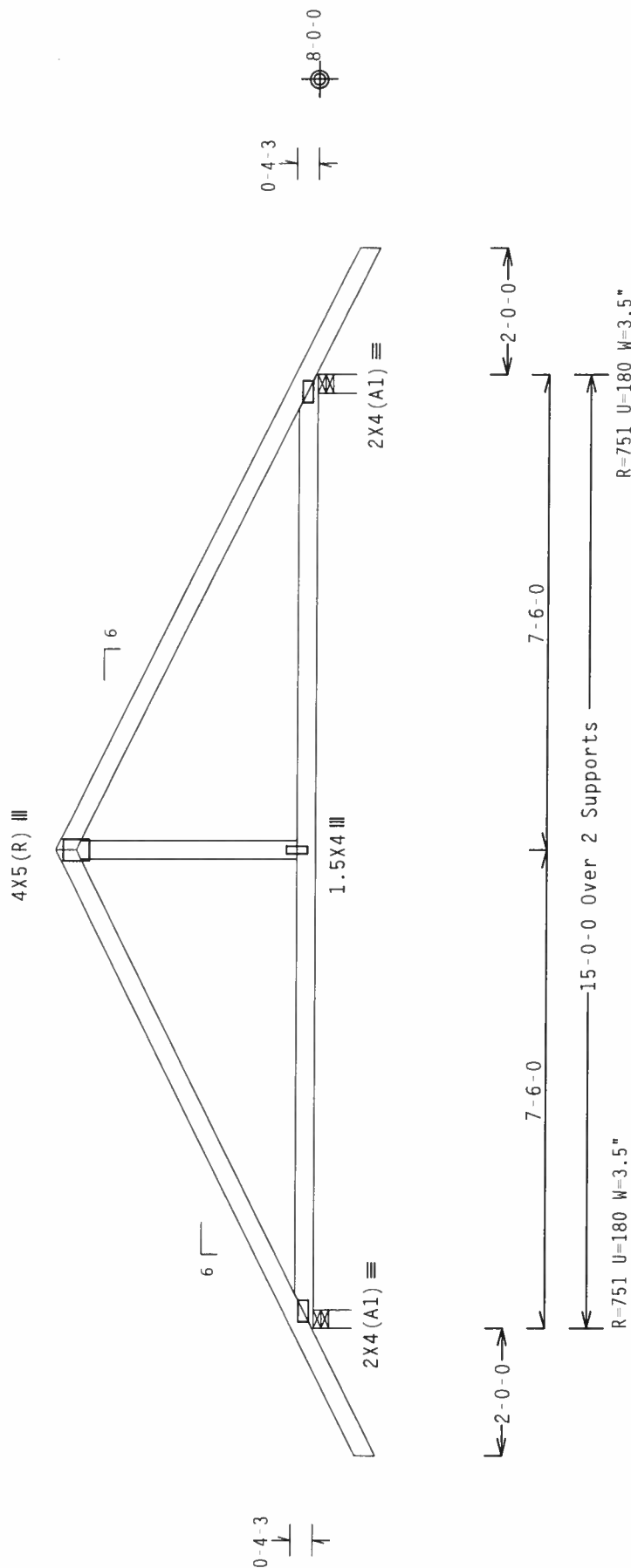
TC LL	20.0 PSF	REF	R487 --	86165
TC DL	10.0 PSF	DATE	12/23/05	
BC DL	10.0 PSF	DRW	HCUSR487	05357079
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	20692	
DUR.FAC.	1.25			

Alpine Engineered Products, Inc.
1950 Marley Drive

Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

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. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

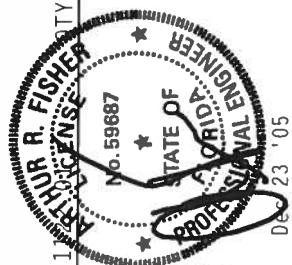
Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/10(0)$ 7.22.11

FL/-/4/-/-/R/-

$$\text{Scale} = .375"/\text{Ft.}$$

TC LL	20.0	PSF	REF	R487--	86166
TC DL	10.0	PSF	DATE	12/23/05	
BC DL	10.0	PSF	DRW	HCUSR487	05357058
BC LL	0.0	PSF	HC-ENG	JB/AF	*
TOT.LD.	40.0	PSF	SEQN-	20295	
DUR.FAC.	1.25		FROM	SA	



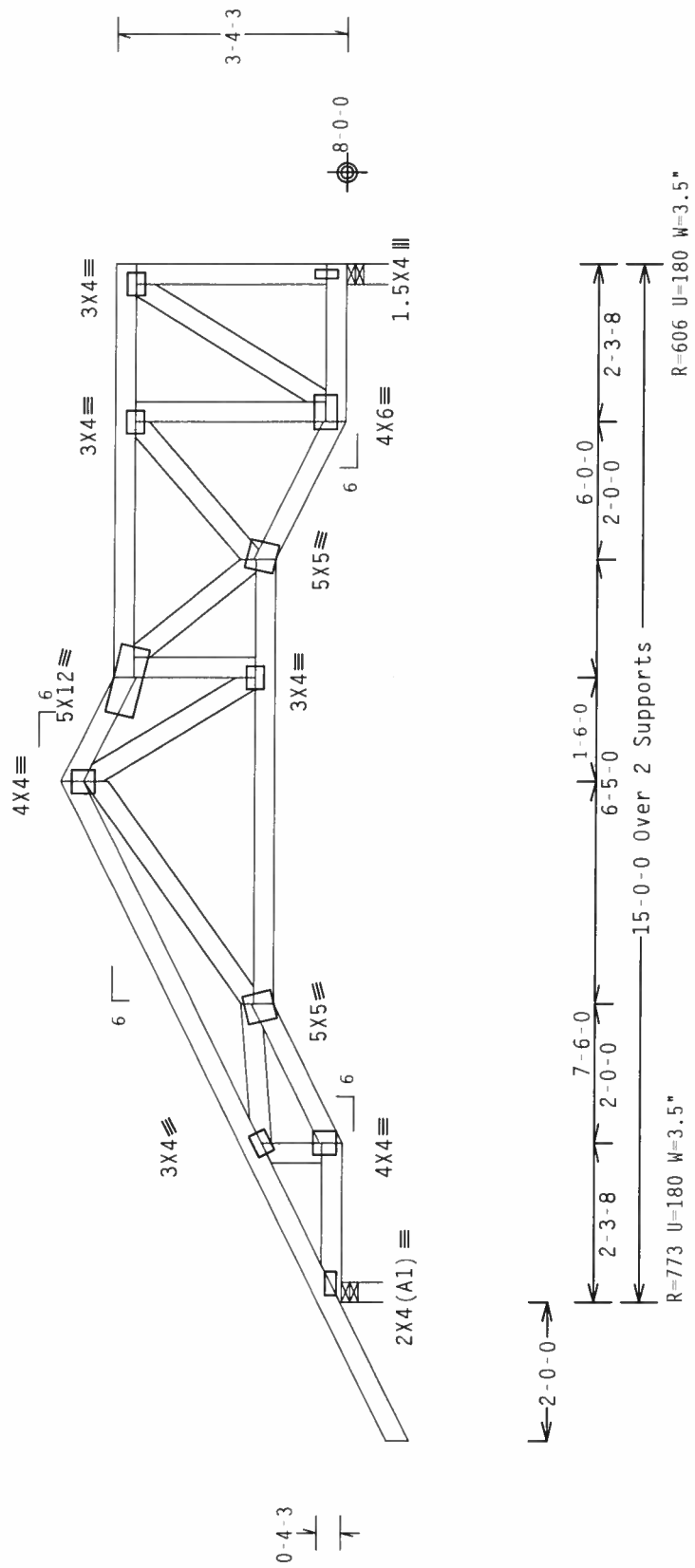
ALPINE ENGINEERED PRODUCTS, INC.
1950 Marley Drive
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
NOT FOR THE ENTIRE STRUCTURE
DATE: 02/23/00
DUR. FAC. 1.25
FROM SA

Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3

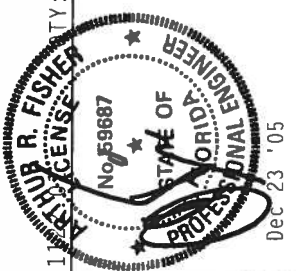
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located
 within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
 BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load. Creep increase factor
 for dead load is 1.50.

Right end vertical not exposed to wind pressure.



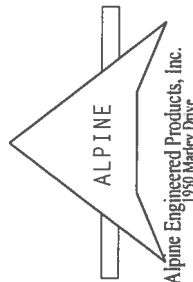
Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0) 7-22.1



TC LL	20.0 PSF	FL/-/4/-/-/R/-	Scale = .375" / Ft.
TC DL	10.0 PSF	REF R487-- 86169	
BC DL	10.0 PSF	DATE 12/23/05	
BC LL	0.0 PSF	DRW HCUSR487 05357061	
TOT.LD.	40.0 PSF	HC-ENG JB/AF	*
DUR.FAC.	1.25	SEQN- 20398	
		FROM SA	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, MI 48061) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, MI 48061) 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 AFAPA) AND TPI. APPLY CONNECTIONS ARE MADE OF 2018/16GA (W.1/2"/1) ASTM A653 GRADE 40/60 (W. K/H.5) GALV. STEEL. APPLY CONNECTIONS ARE MADE OF 2018/16GA (W.1/2"/1) ASTM A653 GRADE 40/60 (W. K/H.5) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY VISUAL INSPECTION OF THE TRUSS. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SUELY FOR THE TRUSS COMPONENT.



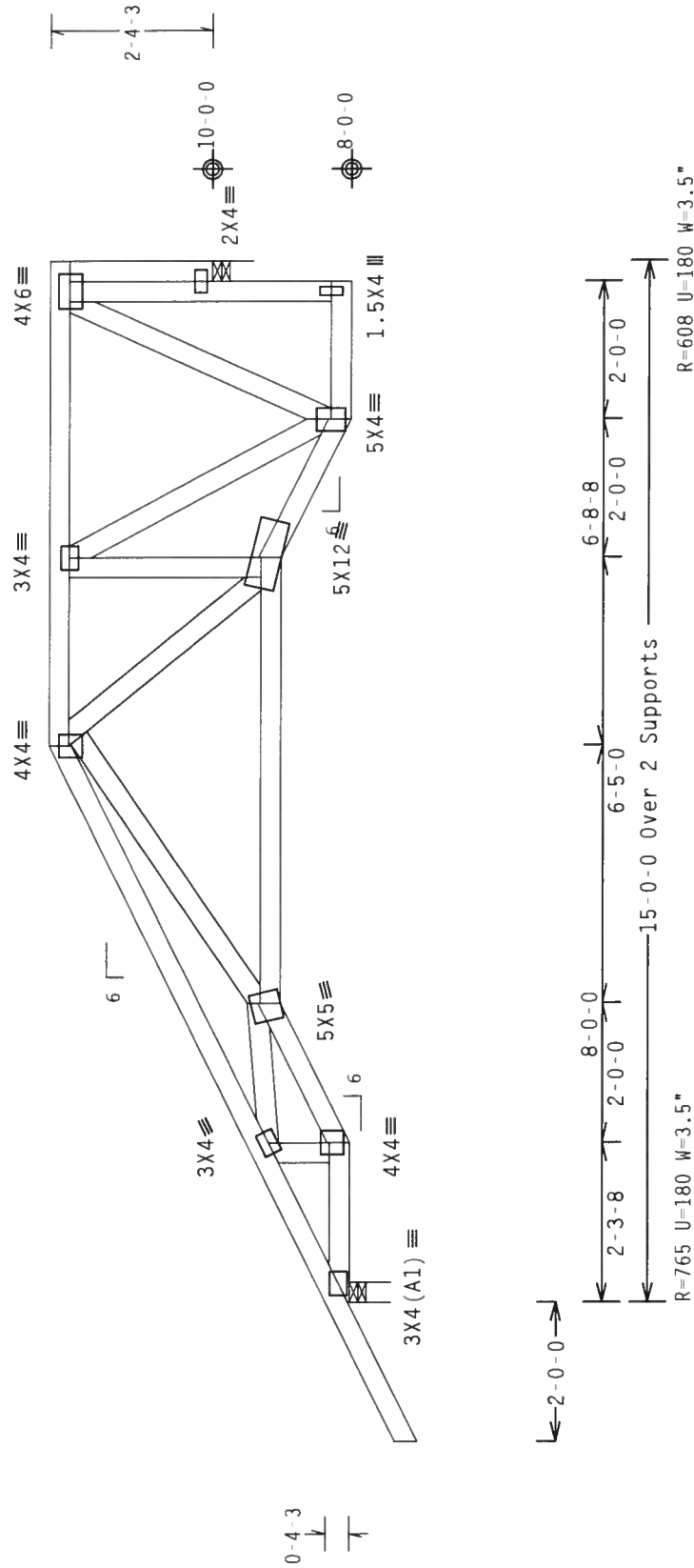
PLT TYP. Wave

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Bearing Leg 2x4 SP #3:

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.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

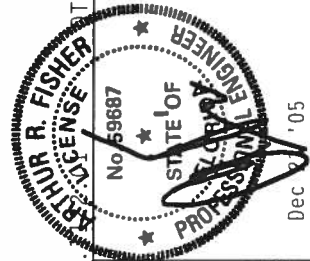
Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/10(0)$ 7.22

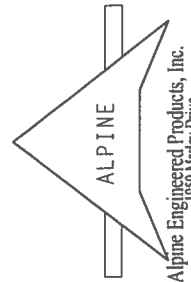
FL/-/4/-/-/R/-/

Scale = .375"/Ft.

TC LL	20.0 PSF	REF R487 -- 86170
TC DL	10.0 PSF	DATE 12/23/05
BC DL	10.0 PSF	DRW HCUR487 05357080
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEON- 20404
DUR.FAC.	1.25	FROM SA



Dec 27, '05



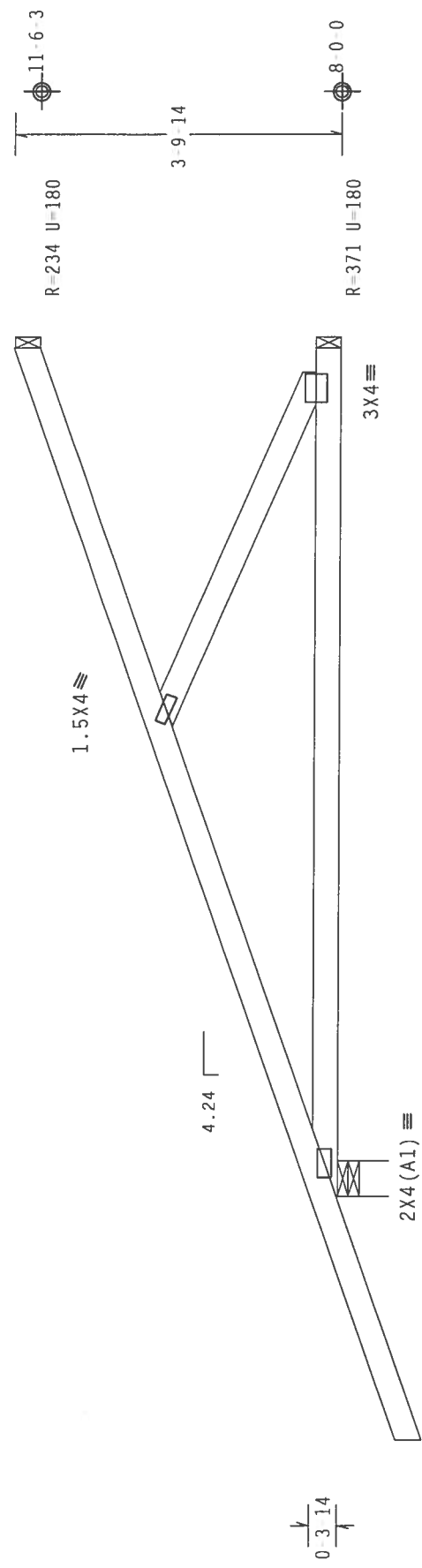
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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.

Hipjack supports 7-0-0 setback jacks with no webs.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (3) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



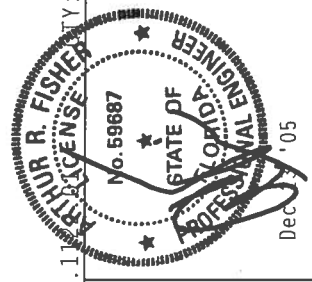
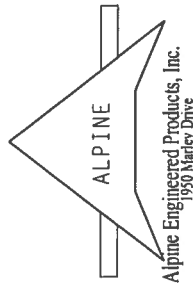
Design Crit: TPI-2002 (STD)/FBC

Scale = .5" / Ft.

PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (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**** 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. UNLESS OTHERWISE INDICATED, PROVIDE (1) 16d COMMON NAILS (0.162"x3.5") TOE NAILED AT TOP CHORD. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, PROVIDE (1) 16d COMMON NAILS TO EACH FACE OF TRUSS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A3 OF TPI 2002 SEC 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT.

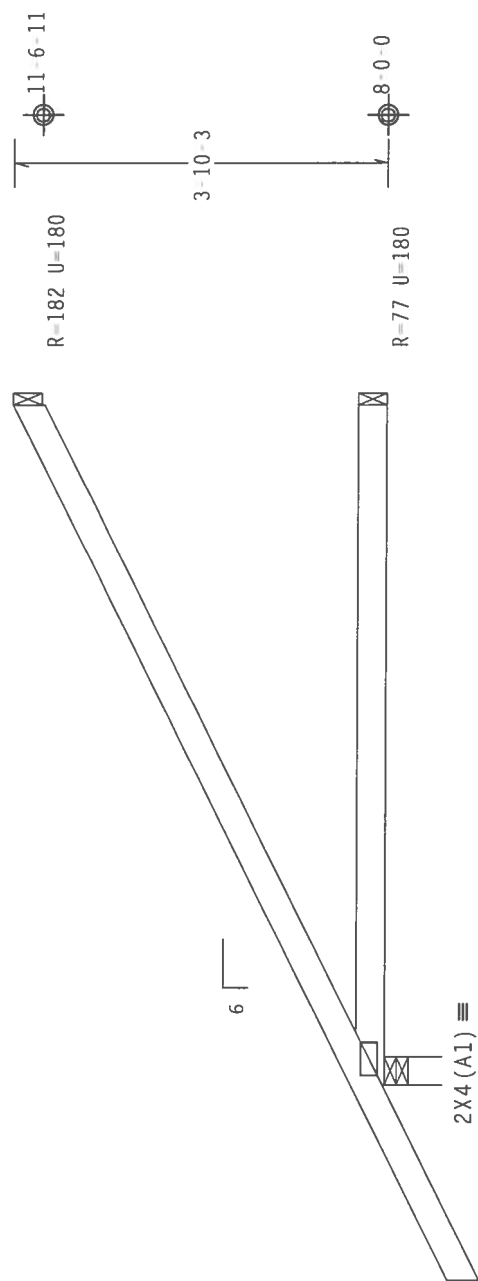


TC LL	20.0	PSF
TC DL	10.0	PSF
BC DL	10.0	PSF
BC LL	0.0	PSF
TOT.LD.	40.0	PSF
DUR.FAC.	1.25	

REF	R487 - -	86173
DATE	12/23/05	
DRW	HCUSR487	05357083
HC-ENG	JB/AF	
SEQN	20304	

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.22.11

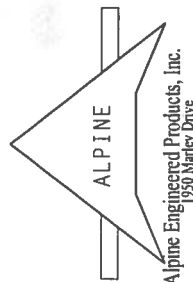
Scale = .5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), AND MICA (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**** 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 AISC (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE INDICATED, UNLESS OTHERWISE INDICATED, UNLESS OTHERWISE INDICATED. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEA3 OF TPI 2002 SEC. 11.01 PER UNLESS OTHERWISE INDICATED. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25

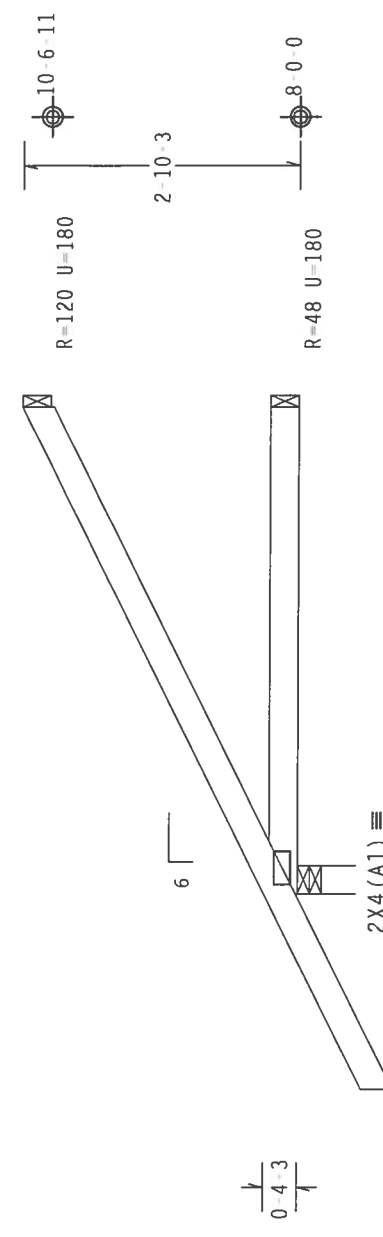
REF	R487 -- 86174
DATE	12/23/05
DRW	HCUSR487 05357084
HC-ENG	JB/AF
SEQN	20270
FROM	SA



Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



2-0-0
5-0-0 Over 3 Supports
R=377 U=180 W=3.5"

PLT TYP. Wave

Design Crit: TPI-2002 (STD) / FBC
Cg/RT=1.00(1.25)/10(0) 7.22

Scale = .5" / Ft.

TC LL	20.0 PSF	REF	R487 -- 86175
TC DL	10.0 PSF	DATE	12/23/05
BC DL	10.0 PSF	DRW	HCUSR487 05357085
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN	20289
DUR.FAC.	1.25	FROM	SA

ALPINE
Alpine Engineered Products, Inc.
1990 Maple Drive

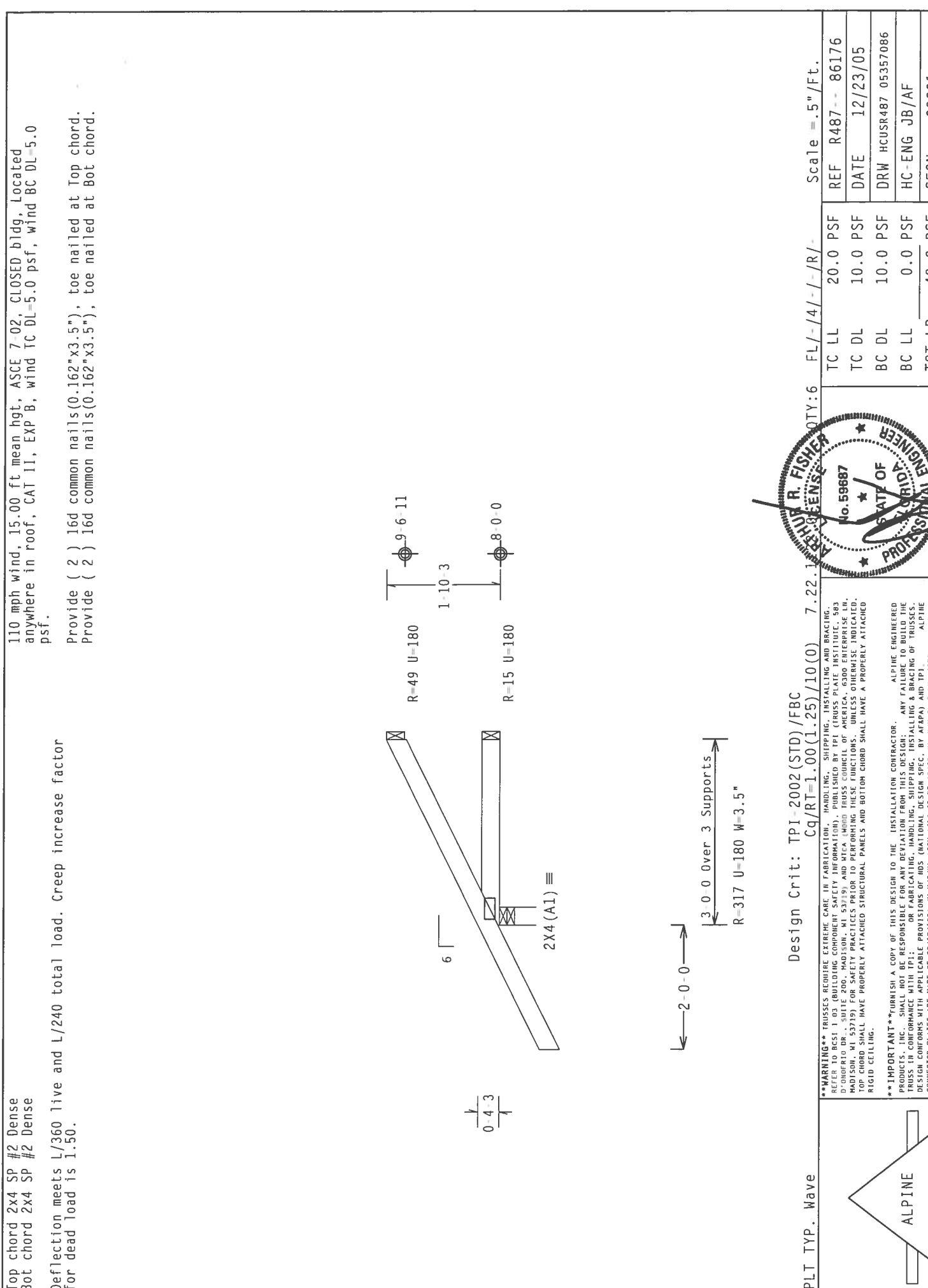
BRUCE R. FISHER
No. 59887
STATE OF CALIFORNIA
PROFESSIONAL ENGINEER
Dec 23 '05

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, 503 D'ONOFRIO DR., 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 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 AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/100A (W11/S16) ASTM A553 GRADE 40/60 (W. K/R1.5) GALV. STEEL. APPLY THE FOLLOWING INSTRUCTIONS TO THE TRUSSES LOCATED ON THIS DESIGN. POSITION PER DRAWINGS TGA Z. ANY INSPECTION OF PLATES FURNISHED BY SHIPPER SHALL BE PERFORMED BY THE INSTALLER. THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE TRUSS COMPONENT

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DUR. F.A.C. 1.25 FROM SA	SEE E-33
--	----------

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DUR. F.A.C. 1.25 FROM SA	DUE TO
--	--------



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.22.1

Scale = 5"/Ft.

TC LL	20.0	PSF	REF	R487	86176
TC DL	10.0	PSF	DATE	12/23/05	
BC DL	10.0	PSF	DRW	HCUSR487	05357086
BC LL	0.0	PSF	HC-ENG	JB/AF	

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
 REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583
 D-ONOFIELD DR., SUITE 200, MADISON, WI 53719) AND WICKA (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**** 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 NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ALPINE

	101.L.U. 40.0 PSF DUR.FAC. 1.25 Dec 23 '05 FROM SA
CONNECTION PLATES ARE MADE OF 2018/106A (N/H/S/K) ASTM A653 GRADE 40/60 (N, K/H-S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604 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	SEQN- 20291

110 mph wind, 15.00 ft mean hgt, ASCE 7 02, CLOSED bldg, Located anywhere in roof, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

$$2 \times 4(A1) \equiv$$

0 10 3 8 6 11

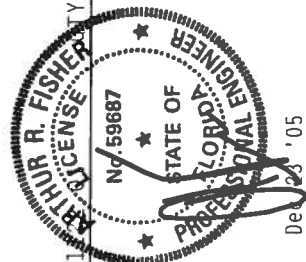
R=361 U=180 W=3.5"

 $C_g/RT=1.00(1.25)/10(0)$ 7.22.1

Scale = .5"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY (CHASS PLATE) INSTITUTE, 363 D'ORFIO DR., SUITE 200, MADISON, WI 53719, AND WCA WOOD TRUSS COUNCIL, 1000 W. WATSON, DR. SUITE 100, 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 PROPERLY ATTACHED RIGID CEILING.

* IMPORTANT * - FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED TRUSSES, LLC SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE TRUSS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HDOS NATIONAL DESIGN SPEC. FOR STEEL TRUSSES AND CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/15%Y) ASTM A663 GRADE 40/60 (F4 / K/15S) GALV. STEEL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2, 3. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER W/15% A3 OF 1/11/2002 SPEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



Dec 23 '05



Alpine Engineered Products, Inc.

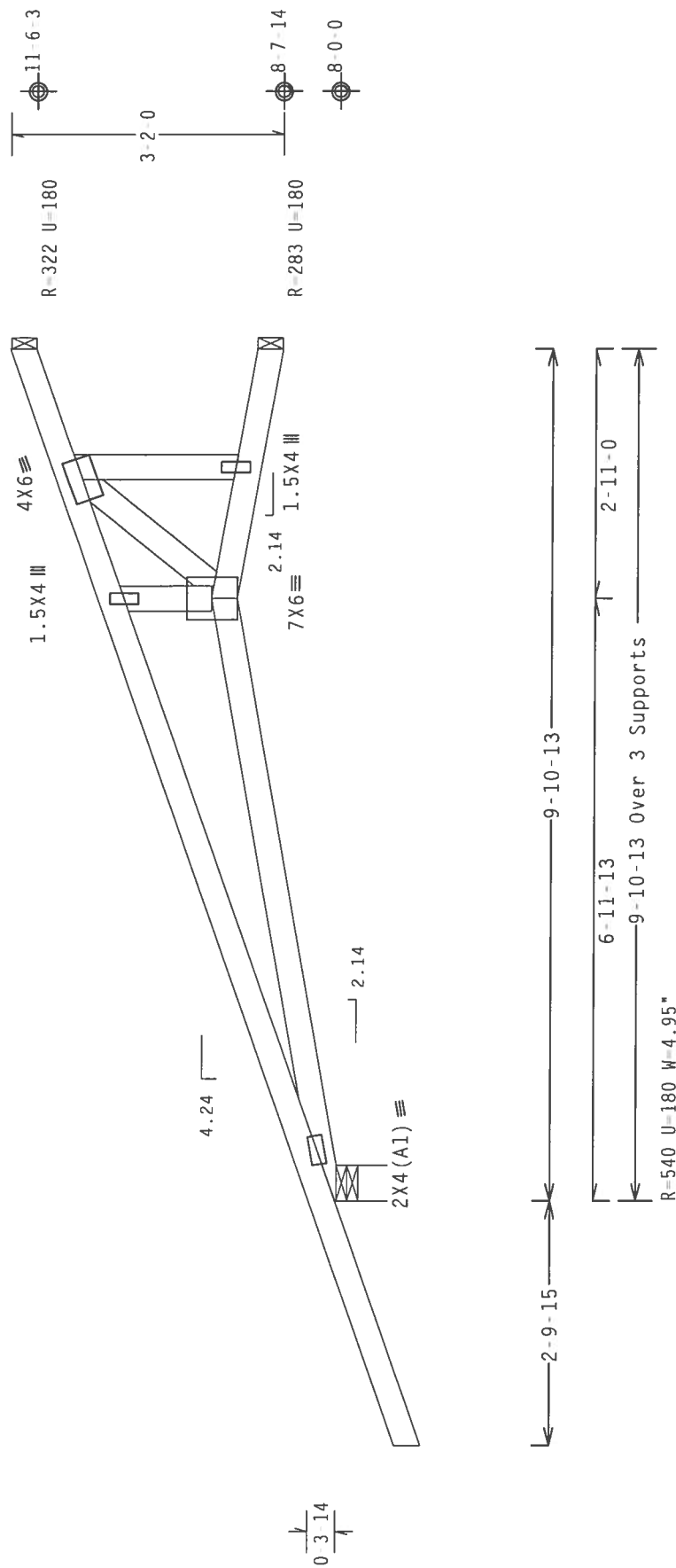
Alpine Engineered Products, Inc.
1950 Marley Drive

Trusses or components connecting to this girder have been modified by the truss designer. The loading for this girder requires verification for accuracy.

Hipjack supports 7-0 setback jacks with no webs.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

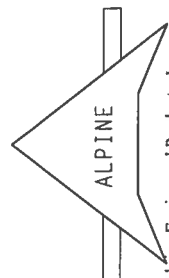
Provide (3) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

 $Cq/RT=1.00(1.25)/10(0) \quad 7.22.1$

Scale = .5"/Ft.

TC LL	20.0 PSF	REF R487 -- 86178
TC DL	10.0 PSF	DATE 12/23/05
BC DL	10.0 PSF	DRW HCUR487 05357088
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 20471
DUR.FAC.	1.25	

Alpine Engineered Products, Inc.
1950 Marley Drive



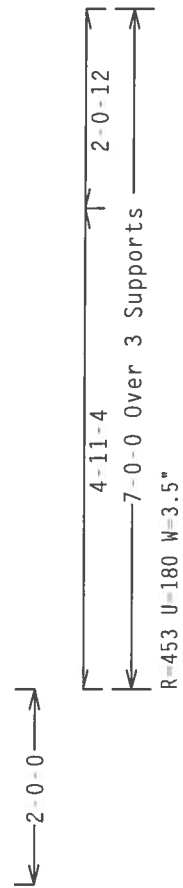
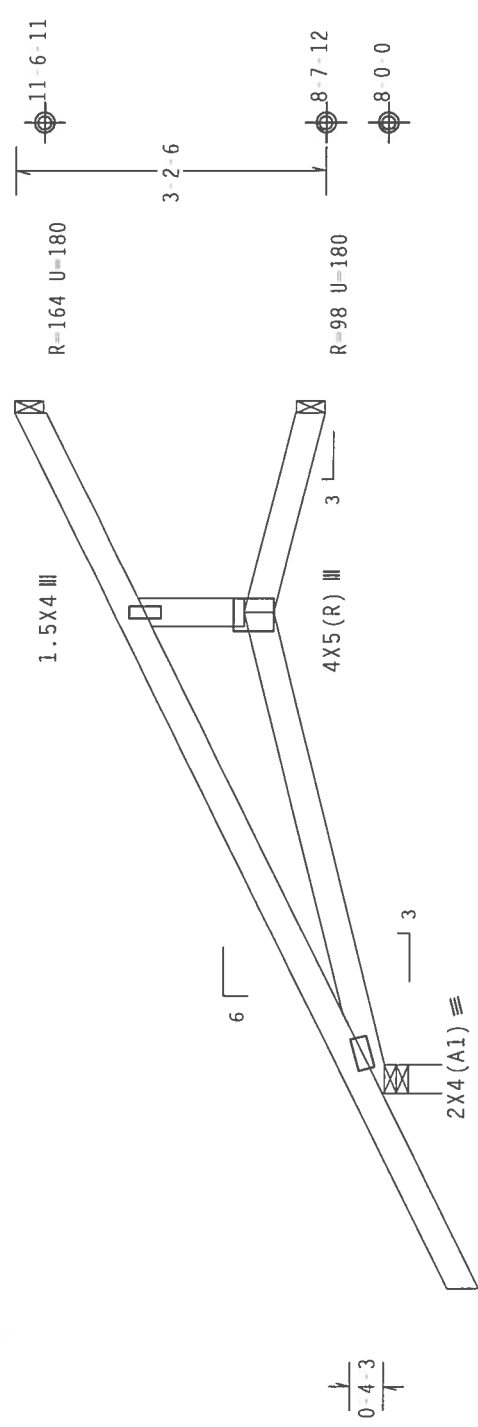
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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.

Shim all supports to solid bearing.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.22.11

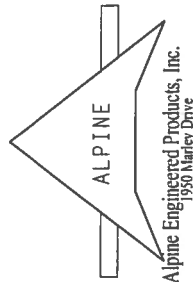
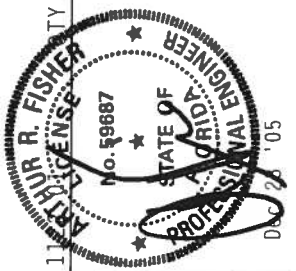
PLT TYP. Wave

Scale = .5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 503 D'ONDRIE DR., SUITE 200, MADISON, WI 53719, AND MICA (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**** 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 FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DISREGARDING ANY APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. APPLY PLATES TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE SPECIFIED, ALL TRUSSES SHALL BE MADE OF 2" X 4" S4S LUMBER. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK A3 OF TPI 2002 SEC. 3.1. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN.

TC LL	20.0 PSF	REF	R487 - 86179
TC DL	10.0 PSF	DATE	12/23/05
BC DL	10.0 PSF	DRW	HCUSR487 05357062
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	20432
DUR.FAC.	1.25	FROM	SA



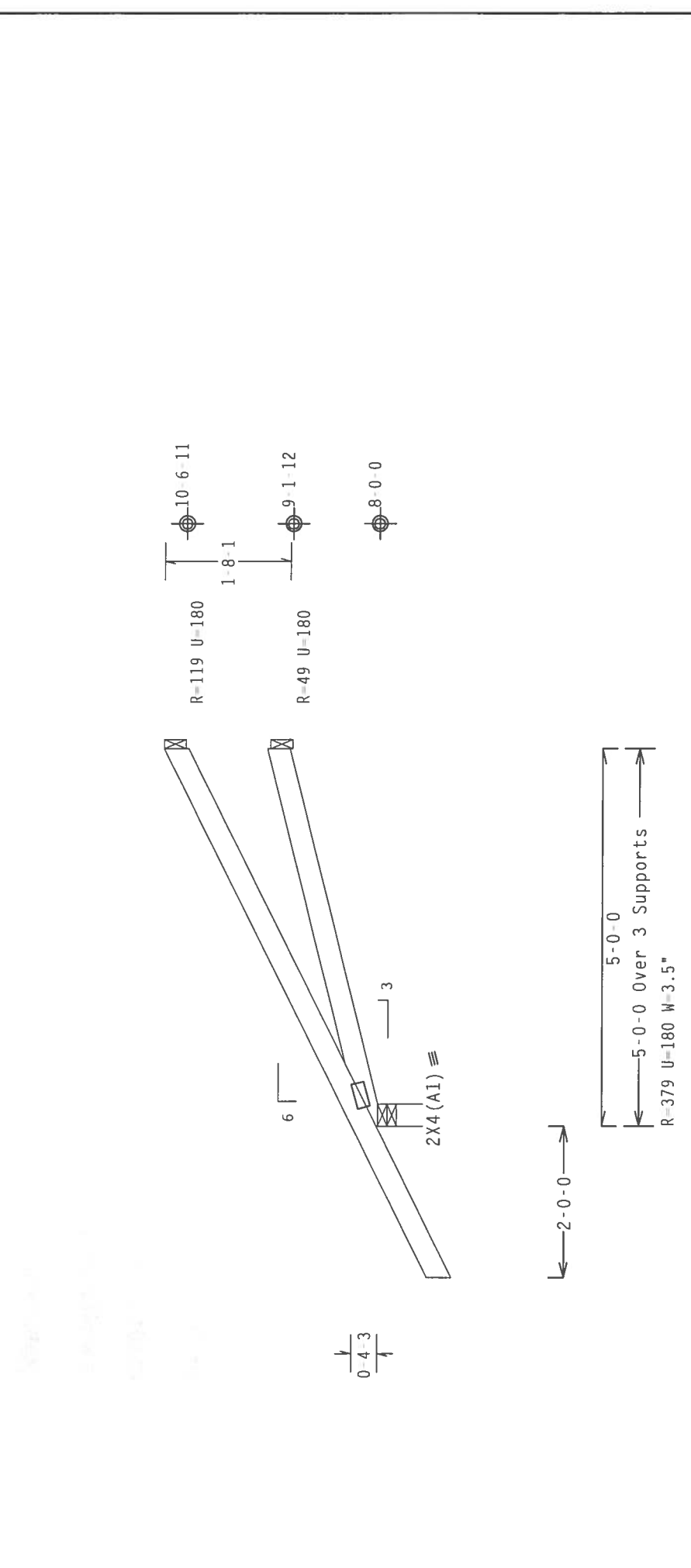
Alpine Engineered Products, Inc.
1950 Marley Drive

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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.

Shim all supports to solid bearing.



PLT TYP. Wave

Design Crit: TPI-2002 (STD) / FBC
Cq/RT=1.00(1.25)/10(0) 7.22.11

Scale = .5" / Ft.

TC LL	20.0 PSF	REF R487 - - 86180
TC DL	10.0 PSF	DATE 12/23/05
BC DL	10.0 PSF	DRW HCUSR487 05357089
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 20453
DUR.FAC.	1.25	FROM SA

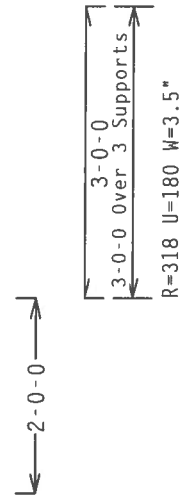
ALPINE

Alpine Engineered Products, Inc.
1950 Marler Drive

THUR R. FISHER
No. 99887
STATE OF ARIZONA
PROFESSIONAL ENGINEER
DEC 18 '05

Shim all supports to solid bearing.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



FL / - 4 / - - / R / -
Scale = .5" / Ft.

ALPINE

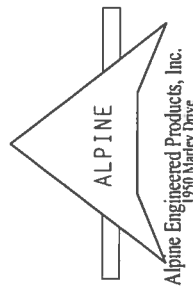
Alpine Engineered Products, Inc.
1950 Valley Drive
P.O. Box 100
Madison, WI 53719

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 1 03 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 D-ORNDORF DR., SUITE 200, MADISON, WI 53719) AND WTC (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE IN., TOP 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 OF THE FOLLOWING: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI; OR ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W-H/5/K) ASTM A653 GRADE 40/60 (W-K/H-S) GALV. STEEL. 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 TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

Dec 23 '05

Dec 29, '05



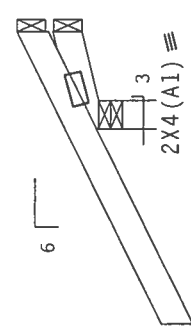
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Shim all supports to solid bearing.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

R=87 U=180

0 8-1
1

8-6-11
8-2-2
8-0-0

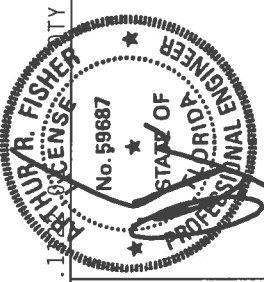


0-4-3
1

R=58 U=180

2-0-0

1-0-0 over 3 Supports
R=362 U=180 W=3.5"



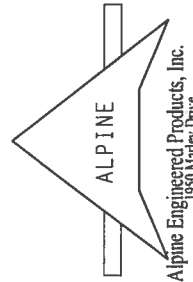
Dec 23 '05

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.22.1

PLT TYP. Wave

FL/-4/-/-R/- Scale =.5"/Ft.

TC LL	20.0 PSF	REF	R487--	86182
TC DL	10.0 PSF	DATE	12/23/05	
BC DL	10.0 PSF	DRW	HCUSR487	05357091
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	20439	
DUR.FAC.	1.25	FROM	SA	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ONOFRIO DR., 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.

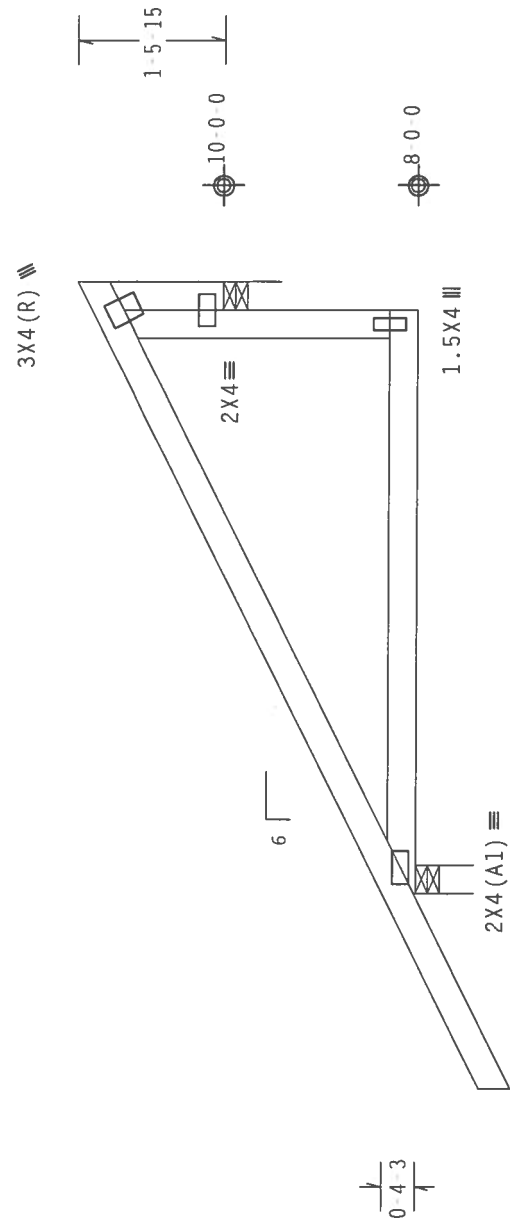
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 2018/16GA (N.11/5/1) ASTM A653 GRADE 40/60 (N. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT.

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Bearing Leg 2x4 SP #3:

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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.



6-3-8 Over 2 Supports
R=417 U=180 W=3.5"
R=229 U=180 W=3.5"

Design Crit: TPI-2002 (STD) / FBC

PLT TYP. Wave

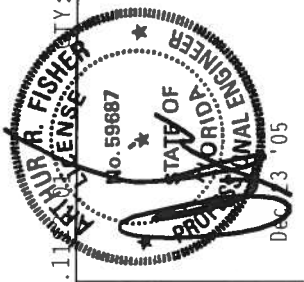
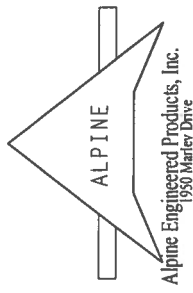
7.22.11

FL / - / 4 / - / R / -

Scale = .5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., 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**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE DESIGN OF THE TRUSS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE DESIGN OF THE TRUSS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE DESIGN OF THE TRUSS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.



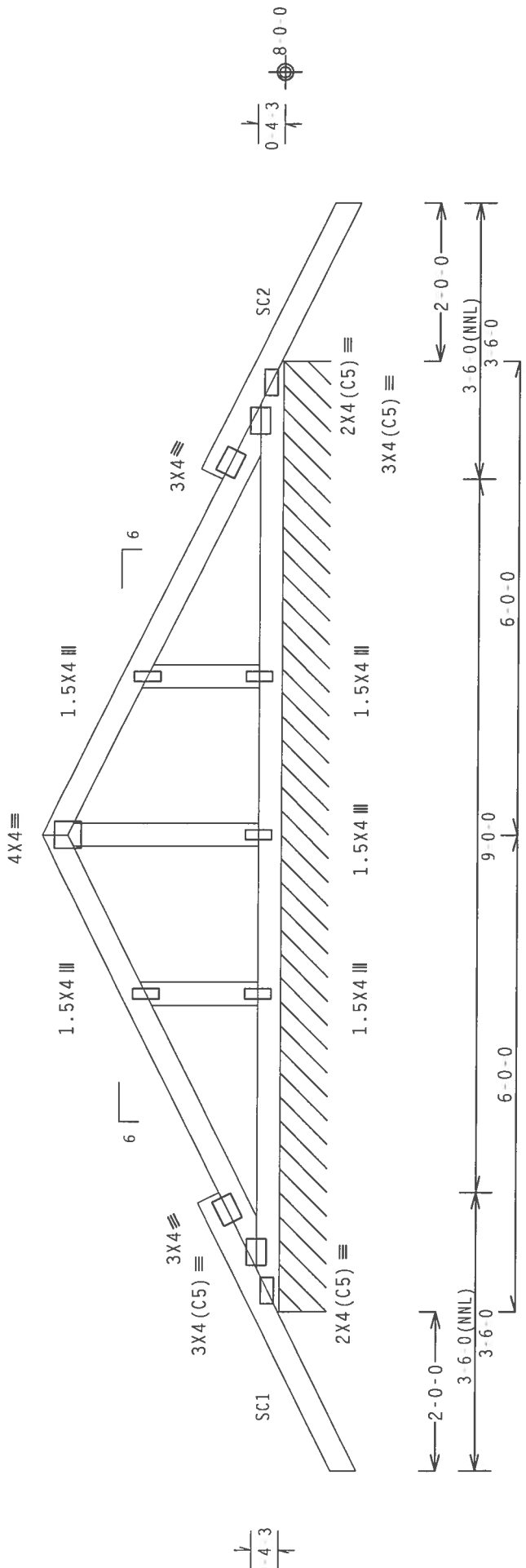
TC LL	20.0 PSF	REF	R487 --	86183
TC DL	10.0 PSF	DATE	12/23/05	
BC DL	10.0 PSF	DRW	HCUSR487	05357092
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	20426	
DUR.FAC.	1.25	FROM	SA	

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense:
:Stack Chord SC2 2x4 SP #2 Dense:

Stacked top chord must NOT be notched or cut in area (NML). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

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.

In lieu of structural panels use purlins to brace TC @ 24" OC.
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R-140 PLF U=17 PLF W=12 0-0

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.22.11

PLT TYP. Wave

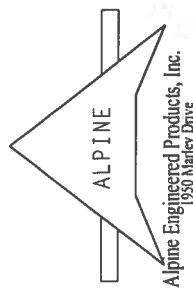
Scale = 5" / Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MTEA (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 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 AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE INSTALLATION PER DRAWINGS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SPECIFICATIONS. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT.



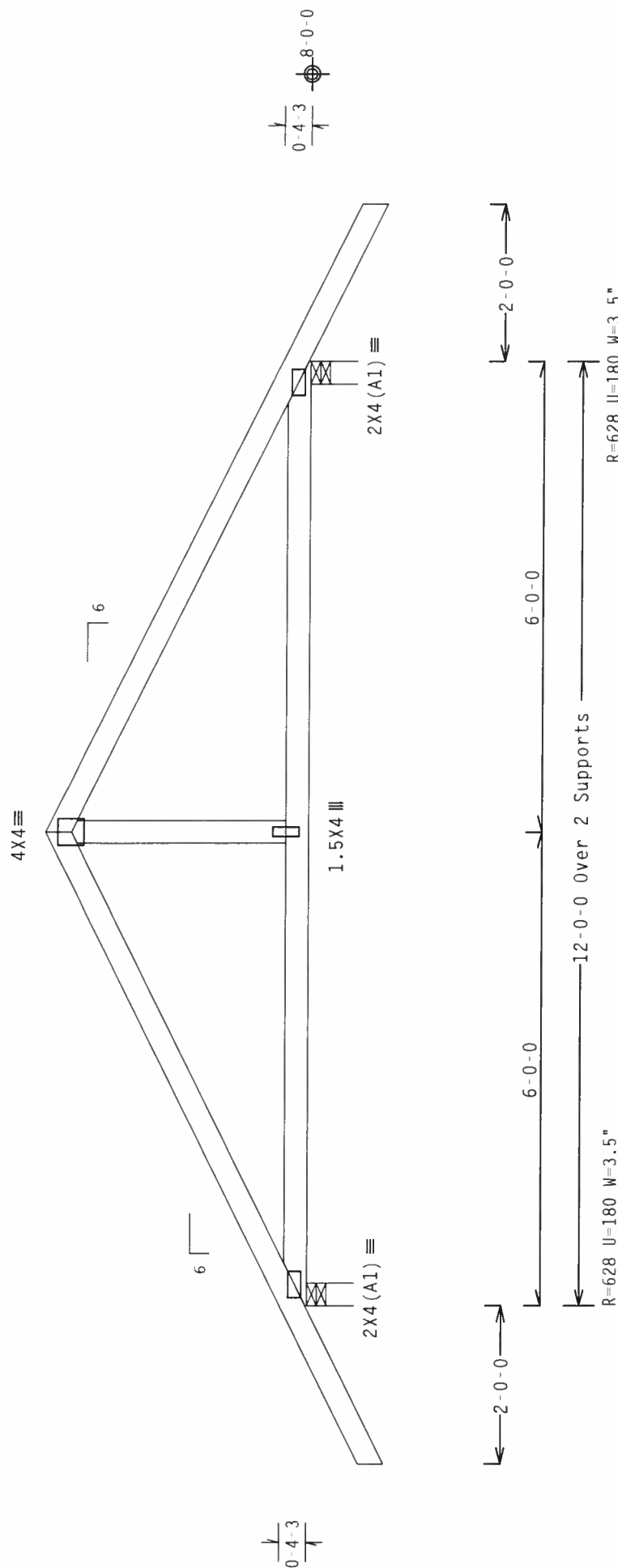
TC LL	20.0 PSF	REF	R487 - -	86184
TC DL	10.0 PSF	DATE	12/23/05	
BC DL	10.0 PSF	DRW	HCUSR487	05357093
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN	20686	
DUR.FAC.	1.25			



Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

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. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

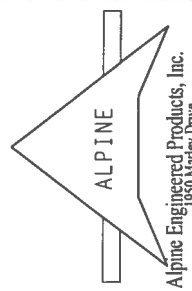
 $Cq/RT=1.00(1.25)/10(0) \quad 7.22.11$

Scale = .5"/Ft.

TC LL	20.0 PSF	REF R487 --	86185
TC DL	10.0 PSF	DATE	12/23/05
BC DL	10.0 PSF	DRW	HCUSR487 053557063
BC LL	0.0 PSF	HC-ENG JB/AF	*
TOT.LD.	40.0 PSF	SEQN-	20297
DUR.EAC.	1.25	FROM	SA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSI 1, BUILDING COMPONENTS, PUBLISHED BY IPT (FLOORING INSTITUTE), 593 DUNFORD DR., SUITE 200, MADISON, WI 53719, AND TO RCSI 2, JOINTS, PUBLISHED BY IPT (FLOORING INSTITUTE), 593 DUNFORD DR., SUITE 200, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD CELLING.

IMPORTANT-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS CONFORMS WITH THE DESIGN PROVISIONS OF THE NATIONAL DESIGN SPEC. INSTALLING A BRACING OF TRUSSES TO THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. STEEL APPLICABLE CONNECTOR PLATES ARE MADE OF 20/18/1668 (H-W/J-SH) ASTM A663 GRADE 40/60 (F_y/K_sN/S) GALV. STEEL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMHX A3 OF 1/11 2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



Dec 13 '05

	Top	chord	2x4	SP	#2	Dense
Bot	chord	2x6	SP	#2		
	webs	2x4	SP	#3		

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Common_0.148"x3.25", min.)_nails)
 Top Chord: 1 Row @ 12.00" o.c.
 Bot Chord: 1 Row @ 5.75" o.c.
 Webs : 1 Row @ 4" o.c.

Use equal spacing between rows and stagger nails
 in each row to avoid splitting.

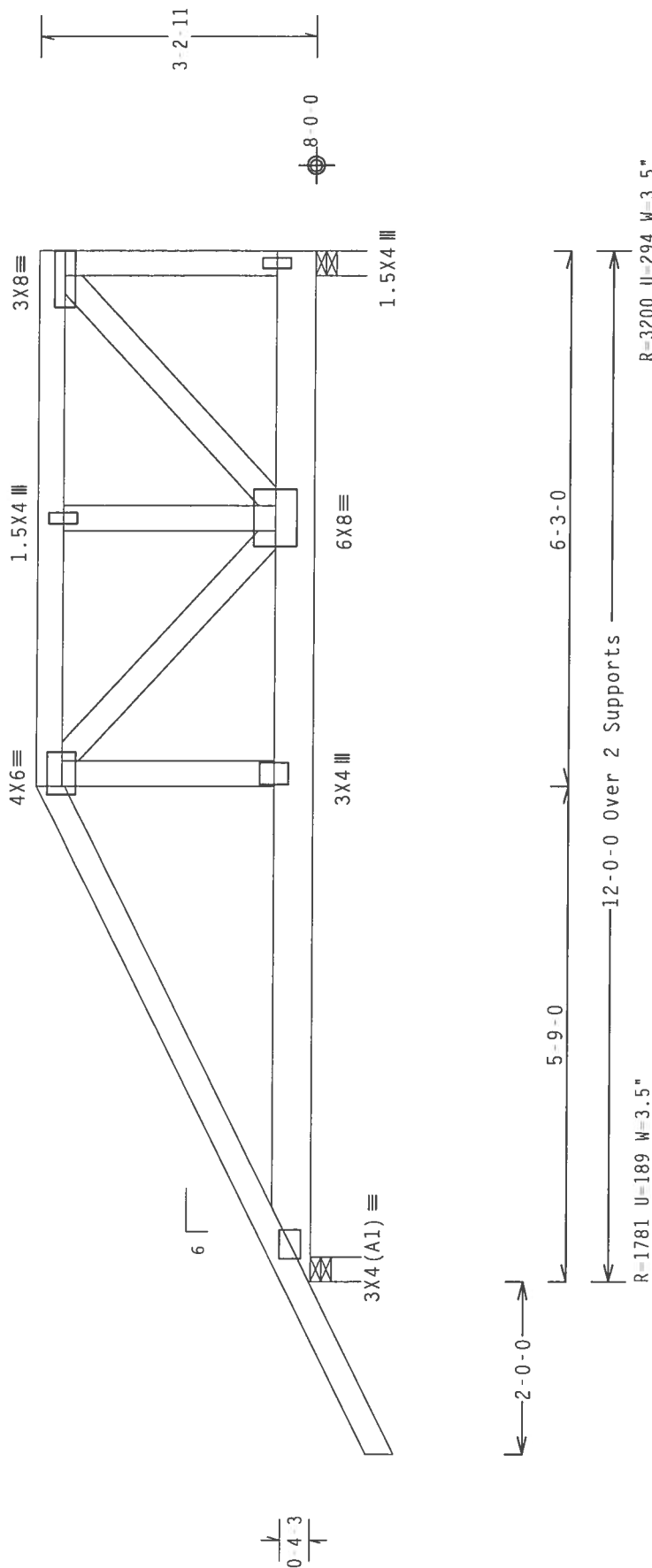
1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

SPECIAL LOADS

	(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
From 62 PLF at -2.00 to 62 PLF at 12.00	
From 4 PLF at -2.00 to 20 PLF at 12.00	
1990 LB Conc. Load at 7.06	
934 LB Conc. Load at 9.06, 11.06	

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

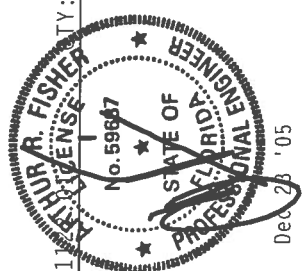
Design Crit: TPI-2002(STD)/FBC

PI-200Z(SID)/FBC
Ca/RT=1.00(1.25)/10(0) 7 22 11

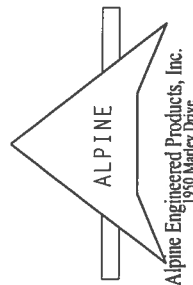
117
TY: 1 FL / - / 4 / - / R / -

Scale = .5"/Ft.

TC LL	20.0	PSF	REF R487 - - 86187
TC DL	10.0	PSF	DATE 12/23/05
BC DL	10.0	PSF	DRW HCUR487 05357094
BC LL	0.0	PSF	HC-ENG JB/AF
TOT.LD.	40.0	PSF	SEQN- 20677
DUR.FAC.	1.25		FROM SA



Dec 23 '05



CLB WEB BRACE SUBSTITUTION

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.

NOTES:

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.

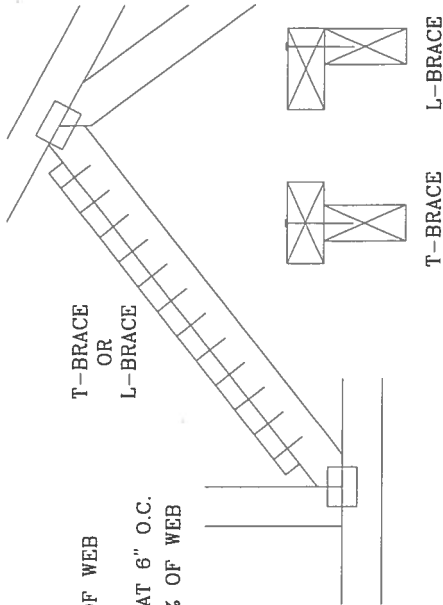
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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.

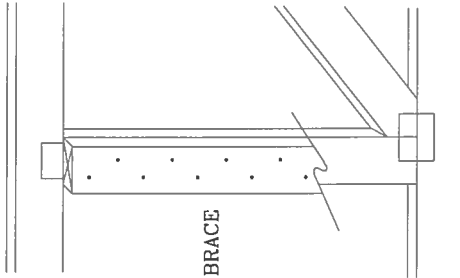
T-BRACING OR L-BRACING:

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

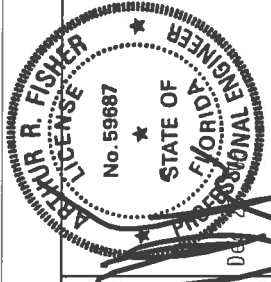


WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DOWNSIDE DR., SUITE 200, MADISON, WI 53719) AND VICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE 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 FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/18GA (W/H/S) ASTM A653 GRADE, 40/60 (W/K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS 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 TPI 1-2002 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



ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA



THIS DRAWING REPLACES DRAWING 579.640	PSF	REF	CLB SUBST.
TC LL	PSF	DATE	11/26/03
TC DL	PSF	DRWG	BRCLBSUB1103
BC DL	PSF	-ENG	MLH/KAR
BC LL	PSF		
TOT. LD.	PSF		
DUR. FAC.			