

ITW Building Components Group, 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: ITAW215-Z0419172949

Truss Fabricator: W.B. Howland
Job Identification: 4913-/DALE, KATHY, & HOWARD PEE /EDGELY CONSTRUCTION -- LAKE CITY, FL
Truss Count: 34
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Versions 7.25, 7.36.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed



Seal Date: 09/19/2007

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

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

Details: TCFILLER-BCFILLER-BRCLBSUB-

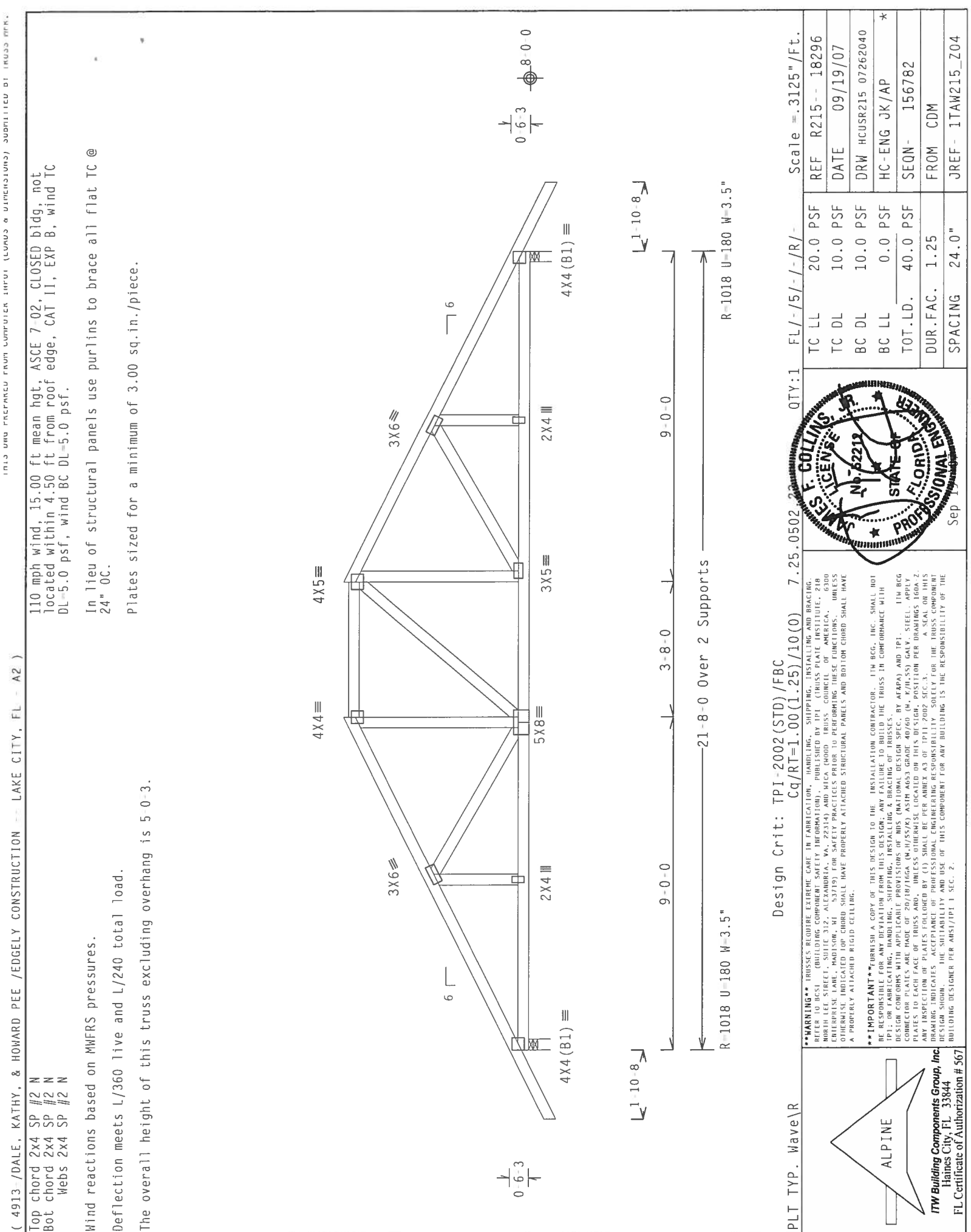
#	Ref	Description	Drawing#	Date
1	18295--A1HG		07262032	09/19/07
2	18296--A2		07262040	09/19/07
3	18297--A3		07262047	09/19/07
4	18298--A4		07262044	09/19/07
5	18299--B1HG (2-PLY)		07262052	09/19/07
6	18300--B21HG (2-PLY)		07262023	09/19/07
7	18301--B2		07262033	09/19/07
8	18302--B3		07262034	09/19/07
9	18303--B4		07262035	09/19/07
10	18304--B5		07262036	09/19/07
11	18305--B6		07262037	09/19/07
12	18306--B7		07262038	09/19/07
13	18307--B8		07262039	09/19/07
14	18308--B9		07262041	09/19/07
15	18309--B10		07262042	09/19/07
16	18310--B11		07262048	09/19/07
17	18311--B12		07262045	09/19/07
18	18312--B13		07262043	09/19/07
19	18313--B14		07262024	09/19/07
20	18314--B15		07262025	09/19/07
21	18315--B16		07262021	09/19/07
22	18316--B17		07262022	09/19/07
23	18317--B18		07262026	09/19/07
24	18318--B19		07262027	09/19/07
25	18319--B20		07262028	09/19/07
26	18320--JC1		07262053	09/19/07
27	18321--JC3		07262051	09/19/07
28	18322--JC3A		07262057	09/19/07
29	18323--JC5		07262050	09/19/07
30	18324--JC5A		07262049	09/19/07
31	18325--JE7		07262054	09/19/07
32	18326--JE7A		07262056	09/19/07
33	18327--JH10		07262046	09/19/07
34	18328--JH10A		07262055	09/19/07





**** IMPORTANT ****—FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR WITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TRUSSES.

CONNECTION PLATES AND END PLATES TO BE MADE OF 10GA/16GA/18GA/20GA/22GA/24GA/26GA/28GA/30GA/32GA/34GA/36GA/38GA/40GA/42GA/44GA/46GA/48GA/50GA/52GA/54GA/56GA/58GA/60GA/62GA/64GA/66GA/68GA/70GA/72GA/74GA/76GA/78GA/80GA/82GA/84GA/86GA/88GA/90GA/92GA/94GA/96GA/98GA/100GA/102GA/104GA/106GA/108GA/110GA/112GA/114GA/116GA/118GA/120GA/122GA/124GA/126GA/128GA/130GA/132GA/134GA/136GA/138GA/140GA/142GA/144GA/146GA/148GA/150GA/152GA/154GA/156GA/158GA/160GA/162GA/164GA/166GA/168GA/170GA/172GA/174GA/176GA/178GA/180GA/182GA/184GA/186GA/188GA/190GA/192GA/194GA/196GA/198GA/200GA/202GA/204GA/206GA/208GA/210GA/212GA/214GA/216GA/218GA/220GA/222GA/224GA/226GA/228GA/230GA/232GA/234GA/236GA/238GA/240GA/242GA/244GA/246GA/248GA/250GA/252GA/254GA/256GA/258GA/260GA/262GA/264GA/266GA/268GA/270GA/272GA/274GA/276GA/278GA/280GA/282GA/284GA/286GA/288GA/290GA/292GA/294GA/296GA/298GA/300GA/302GA/304GA/306GA/308GA/310GA/312GA/314GA/316GA/318GA/320GA/322GA/324GA/326GA/328GA/330GA/332GA/334GA/336GA/338GA/340GA/342GA/344GA/346GA/348GA/350GA/352GA/354GA/356GA/358GA/360GA/362GA/364GA/366GA/368GA/370GA/372GA/374GA/376GA/378GA/380GA/382GA/384GA/386GA/388GA/390GA/392GA/394GA/396GA/398GA/400GA/402GA/404GA/406GA/408GA/410GA/412GA/414GA/416GA/418GA/420GA/422GA/424GA/426GA/428GA/430GA/432GA/434GA/436GA/438GA/440GA/442GA/444GA/446GA/448GA/450GA/452GA/454GA/456GA/458GA/460GA/462GA/464GA/466GA/468GA/470GA/472GA/474GA/476GA/478GA/480GA/482GA/484GA/486GA/488GA/490GA/492GA/494GA/496GA/498GA/500GA/502GA/504GA/506GA/508GA/510GA/512GA/514GA/516GA/518GA/520GA/522GA/524GA/526GA/528GA/530GA/532GA/534GA/536GA/538GA/540GA/542GA/544GA/546GA/548GA/550GA/552GA/554GA/556GA/558GA/560GA/562GA/564GA/566GA/568GA/570GA/572GA/574GA/576GA/578GA/580GA/582GA/584GA/586GA/588GA/590GA/592GA/594GA/596GA/598GA/600GA/602GA/604GA/606GA/608GA/610GA/612GA/614GA/616GA/618GA/620GA/622GA/624GA/626GA/628GA/630GA/632GA/634GA/636GA/638GA/640GA/642GA/644GA/646GA/648GA/650GA/652GA/654GA/656GA/658GA/660GA/662GA/664GA/666GA/668GA/670GA/672GA/674GA/676GA/678GA/680GA/682GA/684GA/686GA/688GA/690GA/692GA/694GA/696GA/698GA/700GA/702GA/704GA/706GA/708GA/710GA/712GA/714GA/716GA/718GA/720GA/722GA/724GA/726GA/728GA/730GA/732GA/734GA/736GA/738GA/740GA/742GA/744GA/746GA/748GA/750GA/752GA/754GA/756GA/758GA/760GA/762GA/764GA/766GA/768GA/770GA/772GA/774GA/776GA/778GA/780GA/782GA/784GA/786GA/788GA/790GA/792GA/794GA/796GA/798GA/800GA/802GA/804GA/806GA/808GA/810GA/812GA/814GA/816GA/818GA/820GA/822GA/824GA/826GA/828GA/830GA/832GA/834GA/836GA/838GA/840GA/842GA/844GA/846GA/848GA/850GA/852GA/854GA/856GA/858GA/860GA/862GA/864GA/866GA/868GA/870GA/872GA/874GA/876GA/878GA/880GA/882GA/884GA/886GA/888GA/890GA/892GA/894GA/896GA/898GA/900GA/902GA/904GA/906GA/908GA/910GA/912GA/914GA/916GA/918GA/920GA/922GA/924GA/926GA/928GA/930GA/932GA/934GA/936GA/938GA/940GA/942GA/944GA/946GA/948GA/950GA/952GA/954GA/956GA/958GA/960GA/962GA/964GA/966GA/968GA/970GA/972GA/974GA/976GA/978GA/980GA/982GA/984GA/986GA/988GA/990GA/992GA/994GA/996GA/998GA/1000GA/1002GA/1004GA/1006GA/1008GA/1010GA/1012GA/1014GA/1016GA/1018GA/1020GA/1022GA/1024GA/1026GA/1028GA/1030GA/1032GA/1034GA/1036GA/1038GA/1040GA/1042GA/1044GA/1046GA/1048GA/1050GA/1052GA/1054GA/1056GA/1058GA/1060GA/1062GA/1064GA/1066GA/1068GA/1070GA/1072GA/1074GA/1076GA/1078GA/1080GA/1082GA/1084GA/1086GA/1088GA/1090GA/1092GA/1094GA/1096GA/1098GA/1100GA/1102GA/1104GA/1106GA/1108GA/1110GA/1112GA/1114GA/1116GA/1118GA/1120GA/1122GA/1124GA/1126GA/1128GA/1130GA/1132GA/1134GA/1136GA/1138GA/1140GA/1142GA/1144GA/1146GA/1148GA/1150GA/1152GA/1154GA/1156GA/1158GA/1160GA/1162GA/1164GA/1166GA/1168GA/1170GA/1172GA/1174GA/1176GA/1178GA/1180GA/1182GA/1184GA/1186GA/1188GA/1190GA/1192GA/1194GA/1196GA/1198GA/1200GA/1202GA/1204GA/1206GA/1208GA/1210GA/1212GA/1214GA/1216GA/1218GA/1220GA/1222GA/1224GA/1226GA/1228GA/1230GA/1232GA/1234GA/1236GA/1238GA/1240GA/1242GA/1244GA/1246GA/1248GA/1250GA/1252GA/1254GA/1256GA/1258GA/1260GA/1262GA/1264GA/1266GA/1268GA/1270GA/1272GA/1274GA/1276GA/1278GA/1280GA/1282GA/1284GA/1286GA/1288GA/1290GA/1292GA/1294GA/1296GA/1298GA/1300GA/1302GA/1304GA/1306GA/1308GA/1310GA/1312GA/1314GA/1316GA/1318GA/1320GA/1322GA/1324GA/1326GA/1328GA/1330GA/1332GA/1334GA/1336GA/1338GA/1340GA/1342GA/1344GA/1346GA/1348GA/1350GA/1352GA/1354GA/1356GA/1358GA/1360GA/1362GA/1364GA/1366GA/1368GA/1370GA/1372GA/1374GA/1376GA/1378GA/1380GA/1382GA/1384GA/1386GA/1388GA/1390GA/1392GA/1394GA/1396GA/1398GA/1400GA/1402GA/1404GA/1406GA/1408GA/1410GA/1412GA/1414GA/1416GA/1418GA/1420GA/1422GA/1424GA/1426GA/1428GA/1430GA/1432GA/1434GA/1436GA/1438GA/1440GA/1442GA/1444GA/1446GA/1448GA/1450GA/1452GA/1454GA/1456GA/1458GA/1460GA/1462GA/1464GA/1466GA/1468GA/1470GA/1472GA/1474GA/1476GA/1478GA/1480GA/1482GA/1484GA/1486GA/1488GA/1490GA/1492GA/1494GA/1496GA/1498GA/1500GA/1502GA/1504GA/1506GA/1508GA/1510GA/1512GA/1514GA/1516GA/1518GA/1520GA/1522GA/1524GA/152



(4913-/DALE, KATHY, & HOWARD PEE /EDGELY CONSTRUCTION -- LAKE CITY, FL - A2)

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

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 5'-0.3.

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.

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

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

Scale = .3125" / Ft.

REF R215 - 18296

DATE 09/19/07

DRW HCUSR215 07262040

HC-ENG JK/AP

SEQN - 156782

FROM CDM

JREF - 1TAW215_Z04

PLT TYP. Wave\R

Design Crit: TPI-2002 (STD) / FBC

Cq/RT=1.00(1.25)/10(0) 7.25.0502

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

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

SPACING 24.0"

ALPINE

ITW Building Components Group, Inc.

Haines City, FL 33844

FL Certificate of Authorization # 567

James F. Collins, Jr. Professional Engineer, State of Florida, License No. 22219

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

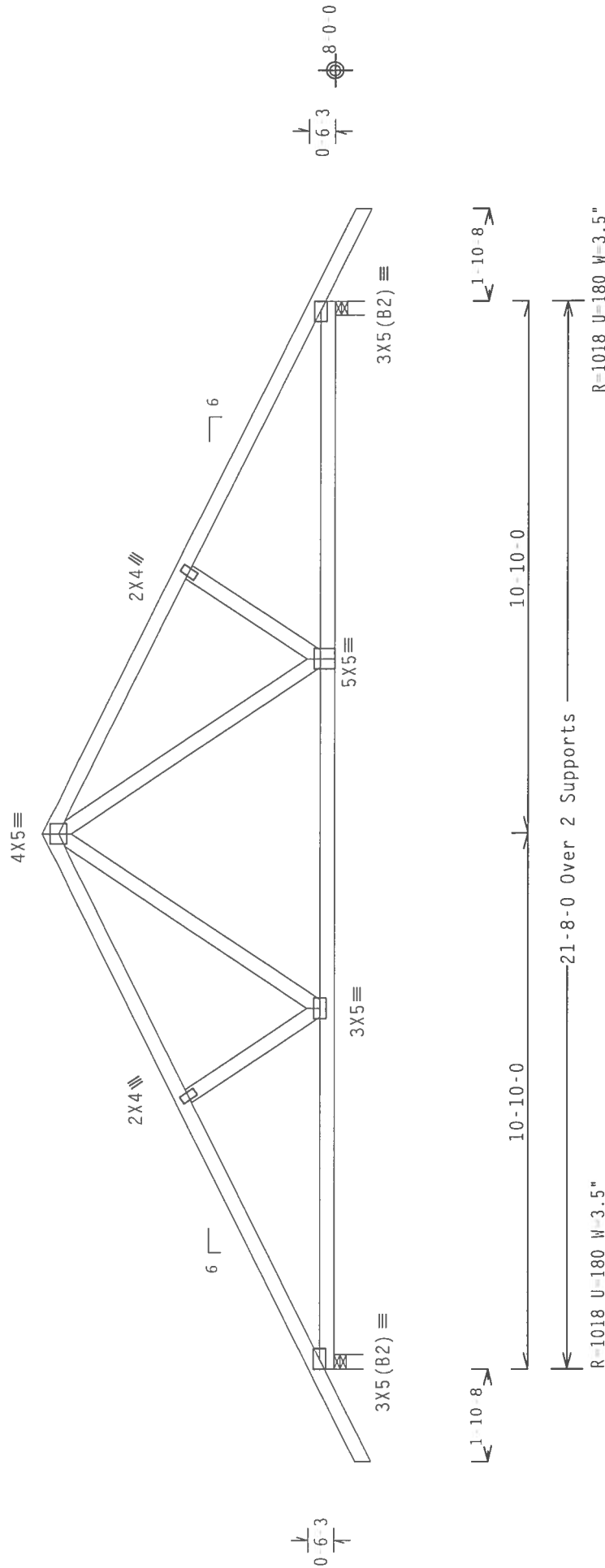
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf

Wind reactions based on MFRS pressures.

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

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

The overall height of this truss excluding overhang is 5-11-3.

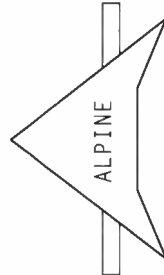


PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC
Ca/RT=1.00(1.25)/ $Cq/RT=1.00(1.25)/10(0) \quad 7.25 \cdot 0502$

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

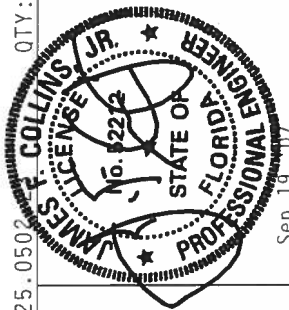
Scale = .3125"/Ft.



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WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, ENTERPRISE LAM, 5401 SW 13, 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. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN, OR FOR ANY DAMAGE TO THE BUILDING, INCLUDING, BUT NOT LIMITED TO, DAMAGE TO TRUSSES, CONNECTOR PLATES, OR PROVIDES, RESULTING FROM THE FAILURE TO FOLLOW THE DESIGN. ITW BCG CONNECTOR PLATES ARE MADE OF 2010/TI/AL6061-T6/5052/AL51663 GRADE 40/60 K. X/50/52 GALV. STEEL. APPROX. 2 PLATES TO EACH FACE OF TRUSS AND, NOTWITHSTANDING THIS DESIGN, POSITION PER DRAWINGS. APPROX. 2 PLATES PER TRUSS AND, NOTWITHSTANDING THIS DESIGN, POSITION PER DRAWINGS. APPROX. 2 PLATES PER TRUSS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANHUB A3 OF 1911 2002 SEC.3. A SEAL ON THIS BRANING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANHUB 1911 SEC. 2.



Sep 19 1907

TC LL	20.0	PSF	REF R215--	18297
TC DL	10.0	PSF	DATE	09/19/07
BC DL	10.0	PSF	DRW HCUR215	07262047
BC LL	0.0	PSF	HC-ENG JK/AP	*
TOT.LD.	40.0	PSF	SEQN-	156786
DUR.FAC.	1.25		FROM	CDM
SPACING	24.0"		JREF-	1TAW215_Z04

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

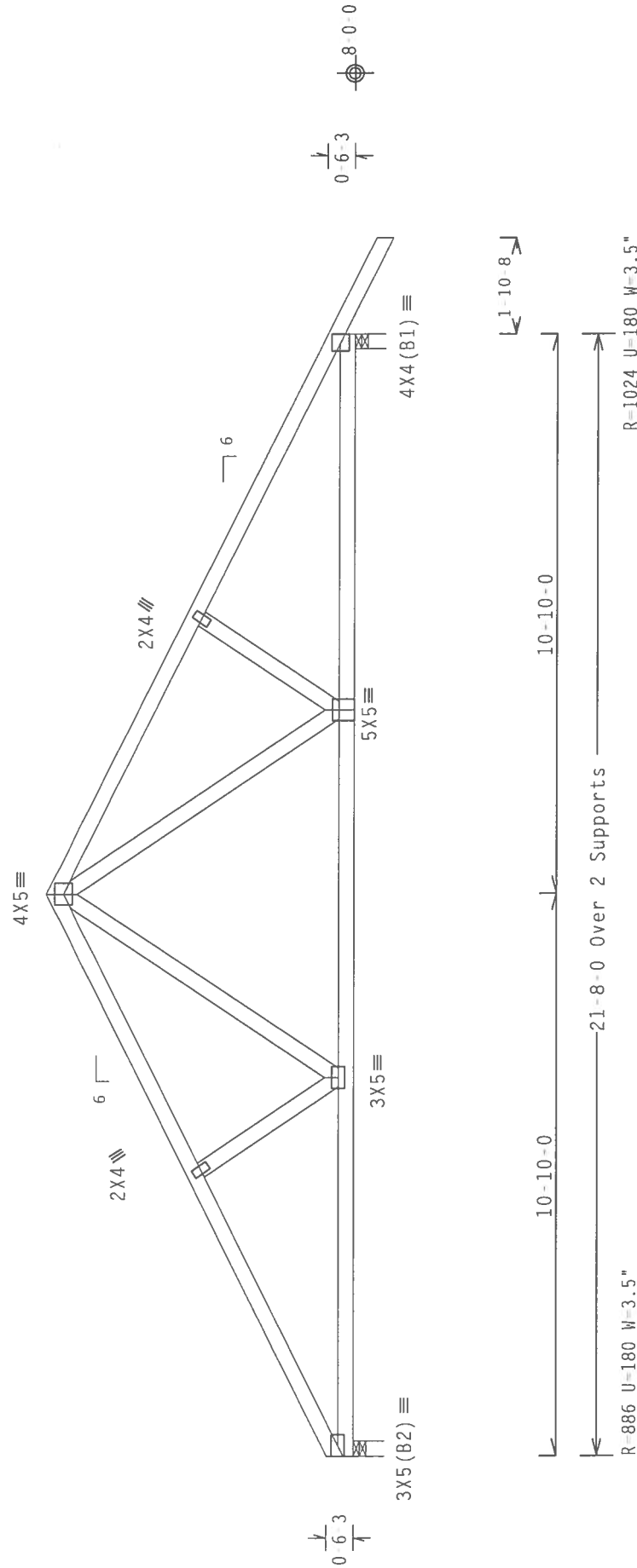
110 mph wind; 15.00 ft mean hgt, ASCE 7 02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf

Wind reactions based on MWFRS pressures.

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

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

The overall height of this truss excluding overhang is 5-11-3.



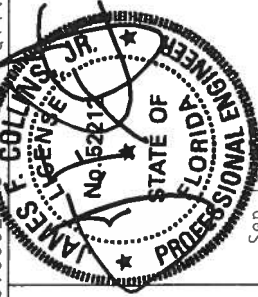
PLT TYP. Wave\R

Design Crit: $\text{TPI-2002(STD)}/\text{FBC}$
 $\text{Ca}/\text{RT}=1.00(1.25)/$

502

FL/15/1-18/-

Scale = .3125"/Ft.

[illegible]

Haines City, FL 33844
FL Certificate of Authorization # 567

JREF- 1TAW215_Z04

(4913 /DALE, KATHY, & HOWARD PEE /EDGELY CONSTRUCTION - LAKE CITY, FL - B1HG (2-PLY))

2 COMPLETE TRUSSES REQUIRED

	Top chord	2x4	SP	#2	N	:T2,	T3	2x6	SP	#2	N:
	Bot chord	2x6	SP	#2	N						
	webs	2x4	SP	#2	N						

Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.

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.

Wind reactions based on MWFRS pressures.

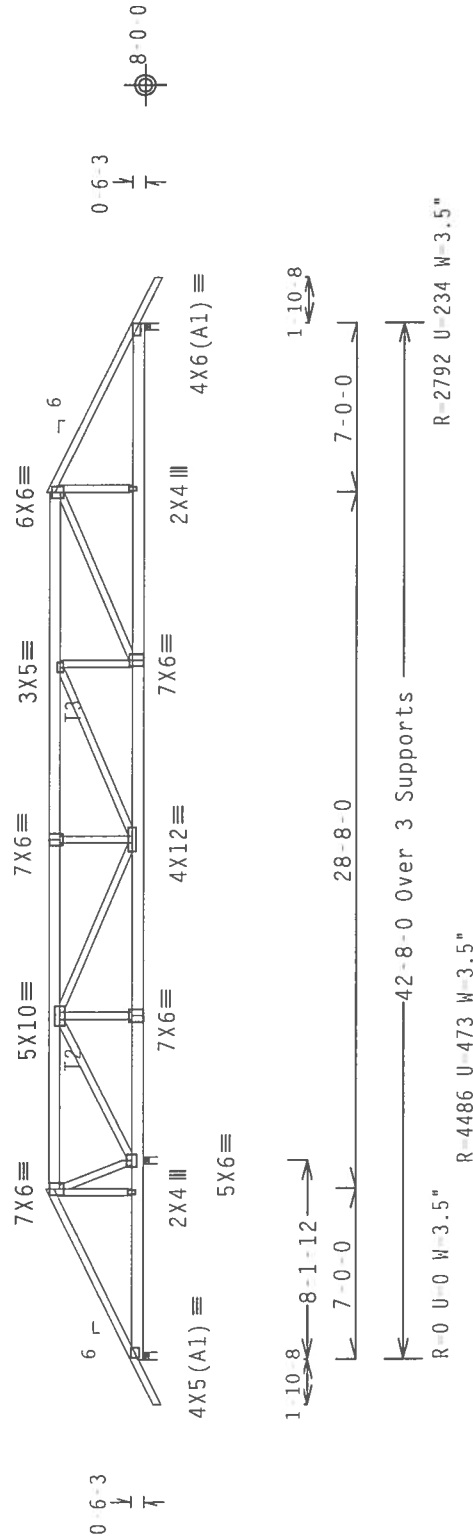
#1 hip supports 7-0-0 jacks W/2 panel TC and no end vert.

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

The overall height of this truss excluding overhang is 40.3.

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

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



Design Crit: TPI-2002(STD)/FBC

[illegible]

*****IMPORTANT****TURKISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DETAIL FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH THE DESIGN REQUIREMENTS, OR ANY CONSTRUCTION VIOLATIONS OF THIS DESIGN SPECIFICATION. ITH BCG WILL DESIGN CONFORMS WITH ALL APPLICABLE CODES AND REGULATORY REQUIREMENTS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: ITH BCG CONNECTOR PLATES ARE MADE OF 2010-T3 ALUMINUM OR ALUSIP63 GRADE 90-60, U. K-20150 GALV. STEEL APPLY 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 AMERX 4-C OF 1911-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMERX/TP1 1 SEC. 2.

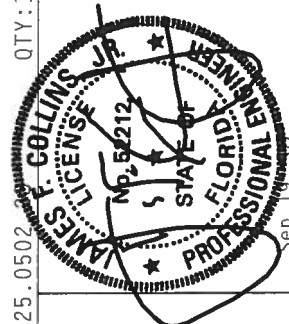
PLT_TYP: Wave\R

7.25.0502

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

Scale = 125"/ft.

TC LL	20.0	PSF	REF	R215--	18299
TC DL	10.0	PSF	DATE	09/19/07	
BC DL	10.0	PSF	DRW	HCUSR215	07262052
BC LL	0.0	PSF	HC-ENG	JK/AP	
TOT.LD.	40.0	PSF	SEQN-	156798	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TAW215_Z04	



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4913-DALE, KATHY, & HOWARD PEE /EDGELY CONSTRUCTION -- LAKE CITY, FL - B21HG (2 PLY))

Top chord 2x6 SP #2 N :T1 2x8 SP SS:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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.
Iw=1.00 GCpi(+/-)=0.18

Calculated horizontal deflection is 0.16" due to live load and 0.17" due to dead load.

#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.

The overall height of this truss excluding overhang is 4-0-3.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 1 Row @12.00" O.C.
Bot Chord: 1 Row @12.00" O.C.
Webs : 1 Row @ 4" O.C.
Use equal spacing between rows and stagger nails in each row to avoid splitting.
Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Plates sized for a minimum of 3.00 sq.in./piece.

6X10(**) T1

7X10

2X4

7X6

4X5

4X8

0 6-3

0 9-0

0 0-0

4-0-3

5X6(D1) 2X8

2X4

8X12

7X10

8X8

2X6

6

11

6

11

6

11

7-0-0

12-8-8

28-8-0

20-8-0

2 3-8

35-8-0 Over 2 Supports

20-8-0

R=3005 U=271 W=3.5"

R=3218 U=290 W=3.5"

PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424 FL/-5/-/-/R/-

QTY:1

Scale =.1875"/Ft.

ALPINE

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SEP 19 2007

PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 52442
T. COLLINS, JR.
SEAL

REF R215-- 18300

DATE 09/19/07

DRW HCUSR215 07262023

HC-ENG RA/WHK

SEQN- 50760

FROM CDM

JREF- 1TAW215_Z04

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

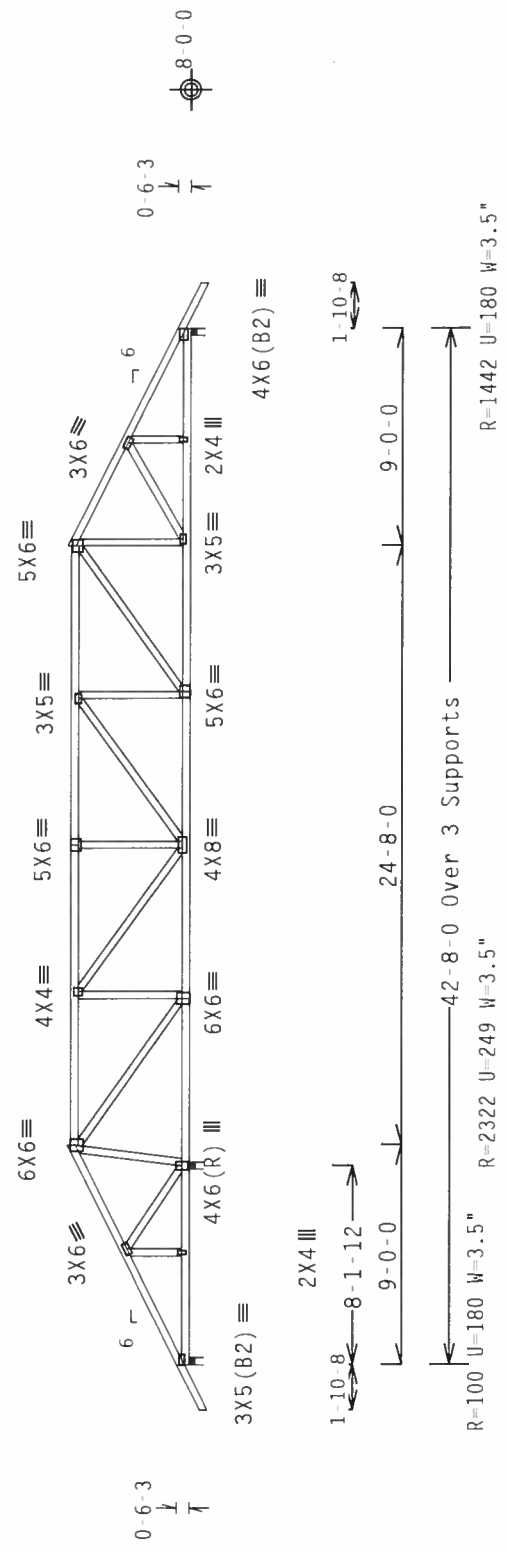
Wind reactions based on MWFRS pressures.

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

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

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

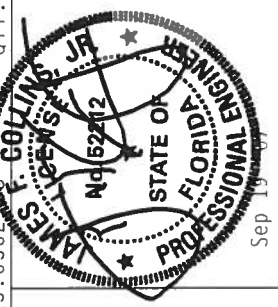
The overall height of this truss excluding overhang is 5'-0"-3".



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502

Scale = .125"/Ft.
QTY: 1 FL/-/5/-/ -/R/-

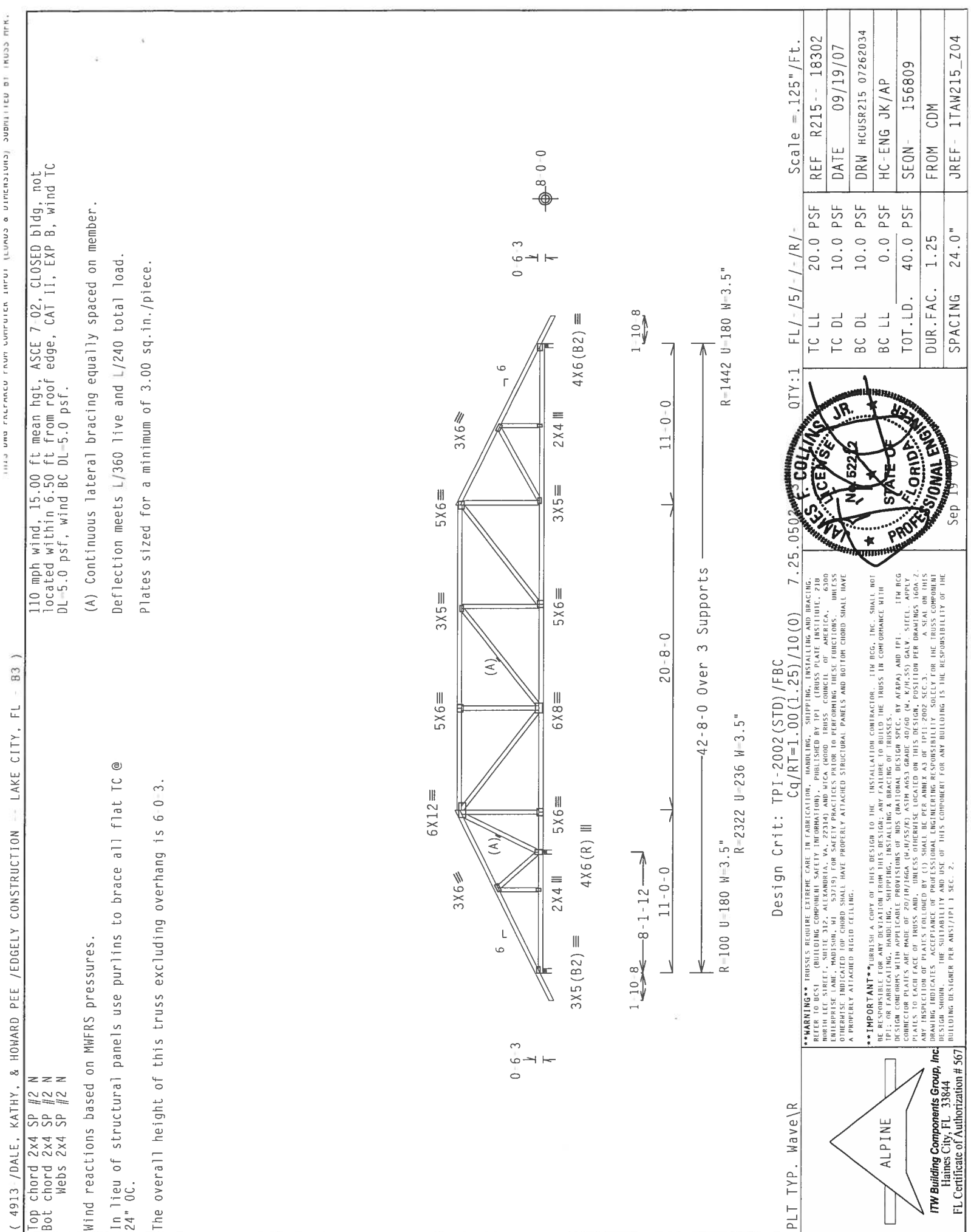
TC LL	20.0 PSF	REF	R215--	18301
TC DL	10.0 PSF	DATE	09/19/07	
BC DL	10.0 PSF	DRW	HCUSR215	07262033
BC LL	0.0 PSF	HC-ENG	JK/AP	
TOT.LD.	40.0 PSF	SEQN-	156804	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TAW215	Z04



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2100 STATE ST., ST. LOUIS, MO 63103) AND A CAUTION: TRUSSES ARE NOT TO BE USED IN ANY MANNER OTHER THAN THAT SPECIFIED IN THE DESIGN. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE USER SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, 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 IBCS (NATIONAL DESIGN SPEC., BY AISC) AND TPI. 1TH BCG CORRELATOR PLATES ARE MADE OF 2018/16GA (N-H/55/K) ASTM A653 GRADE 40/60 (N, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567



(4913 /DALE, KATHY, & HOWARD PEE /EDGELEY CONSTRUCTION -- LAKE CITY, FL - B3)

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

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 6 0 3.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

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

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

PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.25.0502 QTY:1 FL/-5/-/-/R/- Scale =.125"/Ft.

REF R215-- 18302

DATE 09/19/07

DRW HCUSR215 07262034

HC-ENG JK/AP

SEQN- 156809

FROM CDM

JREF- 1TAW215_Z04

PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.25.0502 QTY:1 FL/-5/-/-/R/- Scale =.125"/Ft.

REF R215-- 18302

DATE 09/19/07

DRW HCUSR215 07262034

HC-ENG JK/AP

SEQN- 156809

FROM CDM

JREF- 1TAW215_Z04

PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

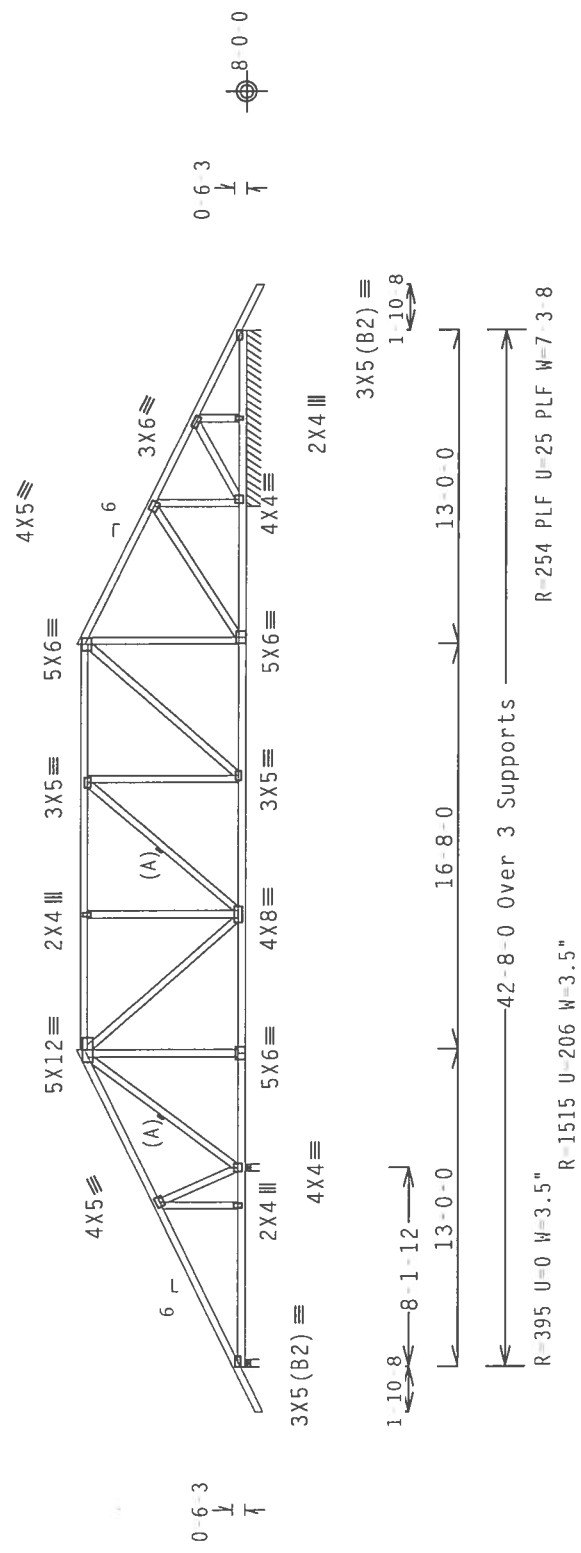
Cq/RT=1.00(1.25)/10(0) 7.25.0502 QTY:1 FL/-5/-/-/R/- Scale =.125"/Ft.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

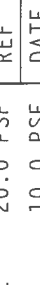
In lieu of structural panels use purlins to brace all flat TC @ Deflection meets L/360 live and L/240 total load.

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



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

Scale = .125"/Ft.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO TRUSS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY ITPI (TRUSS PLATE INSTITUTE, 2100 TEC STREET, SUITE 312, ALEXANDRIA, VA 22314) AND AIA (16000 ROCKCREEK DRIVE, SUITE 100, FALLS CHURCH, VA 22044) FOR ADDITIONAL INFORMATION. THESE TRUSSES ARE DESIGNED FOR USE IN CONFORMANCE WITH THE AIA/ITW TRUSS DESIGN SPECIFICATION. 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. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR THE TRUSS DESIGN OR THE TRUSS DESIGNER'S RESPONSIBILITY FOR THE TRUSS IN CONFORMANCE WITH ITPI OR AIA TRUSS DESIGN SPECIFICATION. SHIPPING, INSTALLING, BRACING OF TRUSSES.

DESIGN CONTRACTS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND ITPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/15/5/5) A575 A563 GRADE 40/60 (W/ 5/5/5) GALV. STEEL. ALL 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 AMBEX A3 OF ITPI 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMSE/ITPI 1 SEC. 2.

SEP 19 2007

PROFESSIONAL ENGINEER

STATE OF FLORIDA

NO. 62212

J. L. LULLINS, JR.

TC LL	20.0	PSF	REF	R215 -	18303
TC DL	10.0	PSF	DATE	09/19/07	
BC DL	10.0	PSF	DRW	HCUSR215	07262035
BC LL	0.0	PSF	HC-ENG	JK/AP	
TOT. LD.	40.0	PSF	SEQN -	156815	
DUR. FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF -	1TAW215	Z04

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

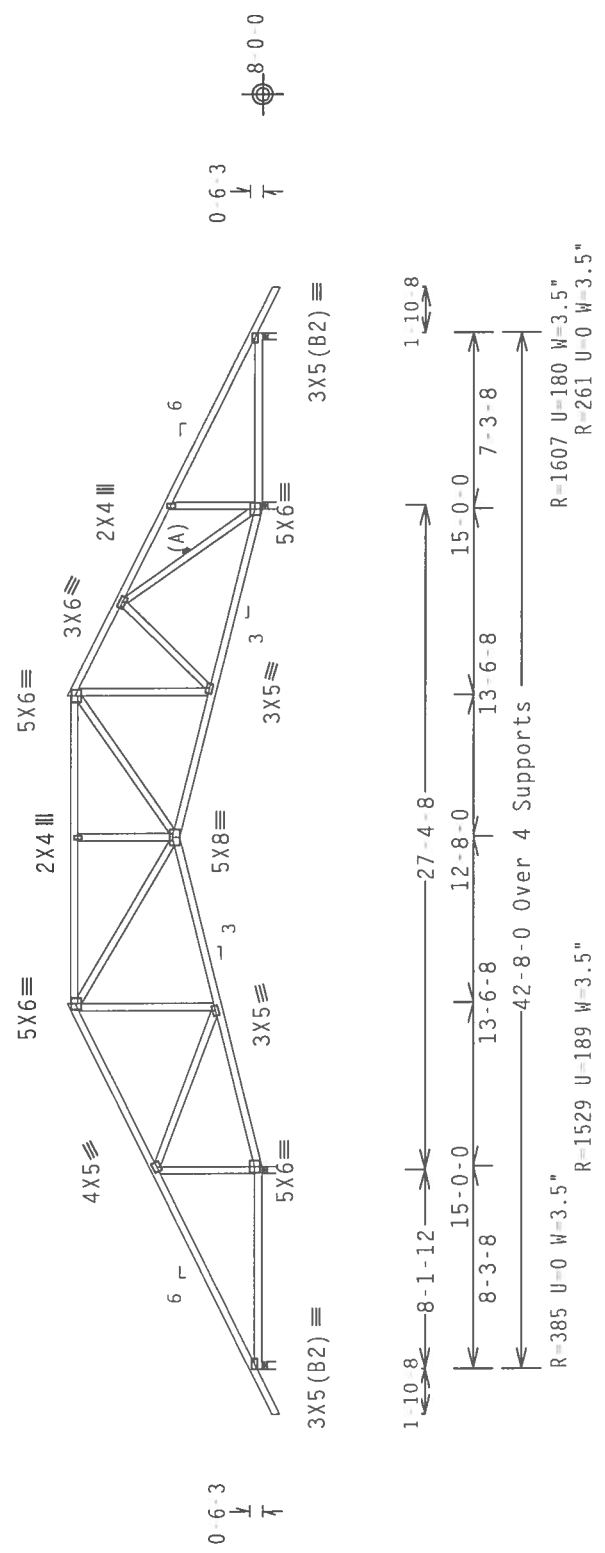
(A) Continuous lateral bracing equally spaced on member.

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

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

The overall height of this truss excluding overhang is 8 0 3.

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



PLT TYP. Wave\ R

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

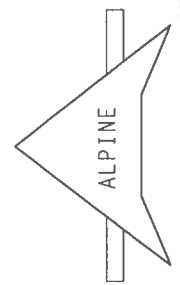
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, UNLOADING AND BRACING. ALL TRUSSES MUST BE PROPERLY SECURED TO THE TRUCK BY AN APPROPRIATELY TRAINED PERSONNEL. IF ANY OF THE FOLLOWING ARE NOT OBSERVED, DAMAGE TO THE TRUSS OR INJURY TO PERSONS MAY OCCUR.

NORTH LEE STREET, SUITE 312, ALEXANDRIA VA, 22314 AND WICA (WOOD INDUSTRIES) TRUSS, COUNCIL OF AMERICAS, 6309 ENTERPRISE LANE, HADISSEM, MI 48437 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 BEAMING.

Cq(RT=1.00(1.25)/10(O) 7.4

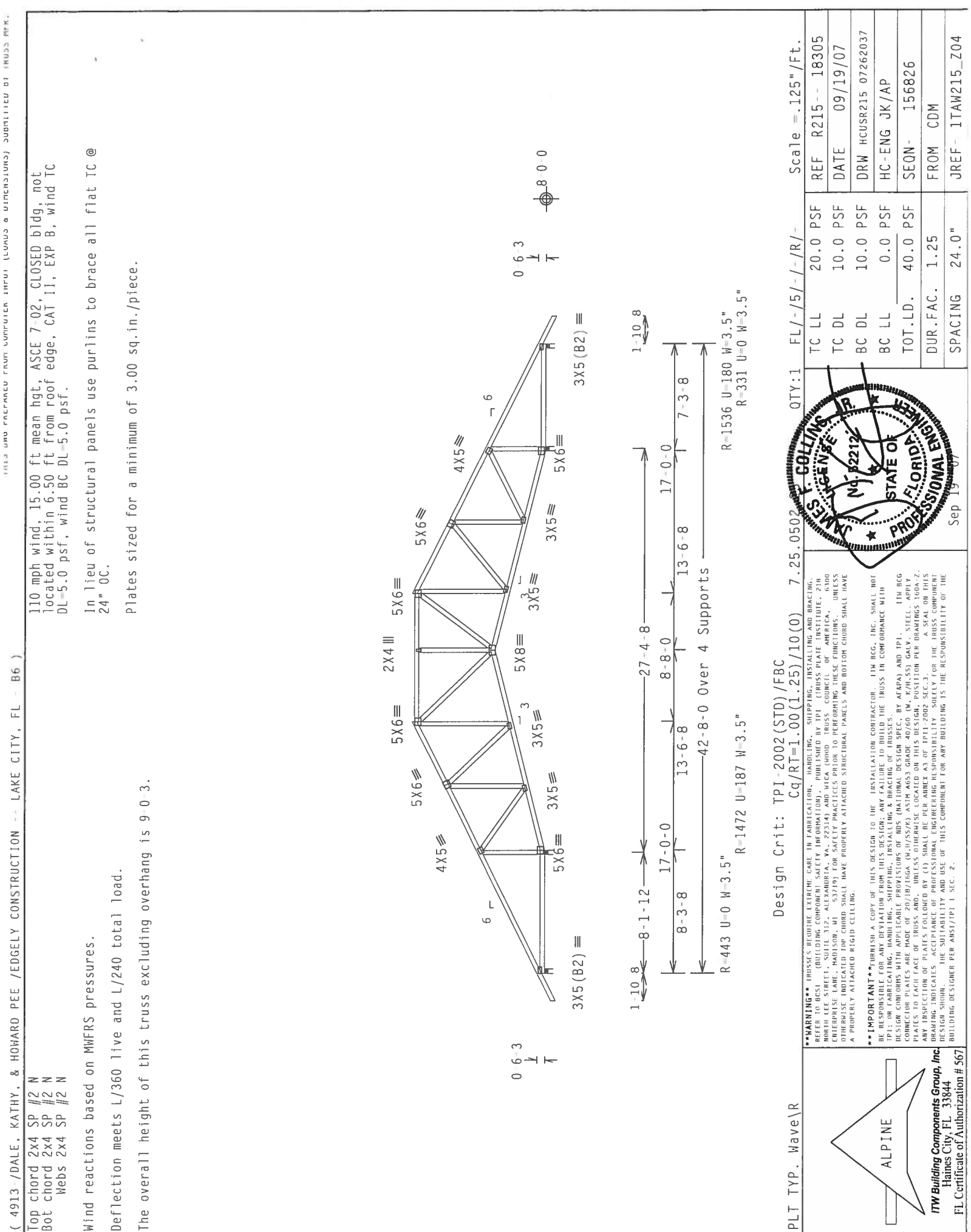
****IMPORTANT****TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN CONDITIONS WILL APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AREA) AND TPI DESIGN CONNECTIONS WITH AVAILABLE PROFILES.

CONNECTOR PLATES ARE MADE OF 20X10/16GA. (W/15%STRESS) LATHED .6875 THICK. 40/60 (W/.5%) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND OTHERWISE LOCATED ON DESIGN POSITION PER DRAWINGS 16GA-2. ANY SUBSTITUTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBA AS AT 1911 200G SEC.3. A SEAL ON THIS APPLICATION INDICATES ACCEPTANCE OF ALL DIMENSIONS AND THEREFORE RESPONSIBILITY FOR THE CROSS CORRELATING DESIGN SHOWN. THE SUITABILITY AND USE OF THIS CONCEPT FOR ANY BUILDING IS THE RESPONSIBILITY WITH THE BUILDING DESIGNER PER AMS/TPI 1 SEC.-2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 5671

FL / - / 5 / - / - / R / -		Scale = .125" / Ft.
TC LL	20.0 PSF	REF R215 - - 18304
TC DL	10.0 PSF	DATE 09/19/07
BC DL	10.0 PSF	DRW HCUSR215 07262036
BC LL	0.0 PSF	HC-ENG JK/AP
TOT.LD.	40.0 PSF	SEQN- 156820
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TAW215_Z04



(4913 - /DALE, KATHY, & HOWARD PEE /EDGELY CONSTRUCTION -- LAKE CITY, FL - B6)

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

Wind reactions based on MWFRS pressures.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 9'-0.3\"/>

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Plates sized for a minimum of 3.00 sq.in./piece.

Scale = .125" / Ft.

REF R215 - 18305
DATE 09/19/07
DRW HCUSR215 07262037
HC-ENG JK/AP
SEQN - 156826
FROM CDM
JREF - 1TAW215_Z04

PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502

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

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
SPACING 24.0"

PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502

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

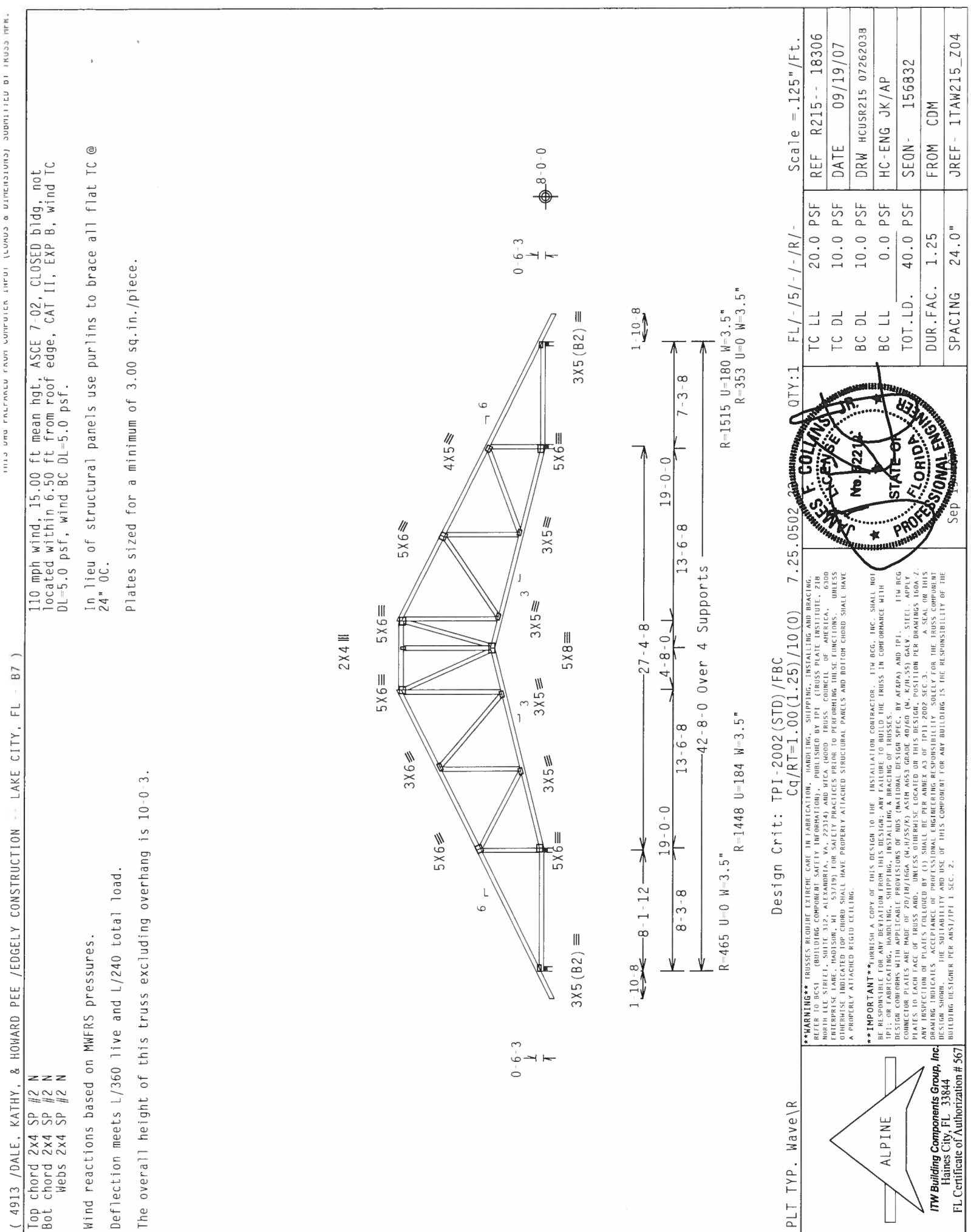
TC LL 20.0 PSF
TC DL 10.0 PSF
BC DL 10.0 PSF
BC LL 0.0 PSF
TOT.LD. 40.0 PSF
DUR.FAC. 1.25
SPACING 24.0"

PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502

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

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
SPACING 24.0"



(4913 /DALE, KATHY, & HOWARD PEE /EDGELY CONSTRUCTION -- LAKE CITY, FL - B7)		Top chord 2x4 SP #2 N Bot chord 2x4 SP #2 N Webs 2x4 SP #2 N		110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.	
Wind reactions based on MWFRS pressures.		Deflection meets L/360 live and L/240 total load.		In lieu of structural panels use purlins to brace all flat TC @ 24" OC.	
The overall height of this truss excluding overhang is 10-0 3.		Plates sized for a minimum of 3.00 sq.in./piece.		Scale = .125"/Ft.	
PLT TYP. Wave\R		Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7.25.0502		QTY: 1 FL/-/5/-/-/R/-	
ALPINE		R=1448 U=184 W=3.5"		TC LL 20.0 PSF	
ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567		R=465 U=0 W=3.5"		TC DL 10.0 PSF	
		R=1515 U=180 W=3.5"		BC DL 10.0 PSF	
		R=353 U=0 W=3.5"		BC LL 0.0 PSF	
				TOT.LD. 40.0 PSF	
				DUR.FAC. 1.25	
				SPACING 24.0"	
				REF R215-- 18306	
				DATE 09/19/07	
				DRW HCUSR215 07262038	
				HC-ENG JK/AP	
				SEON 156832	
				FROM CDM	
				JREF- 1TAW215_Z04	

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

Wind reactions based on MWFRS pressures.

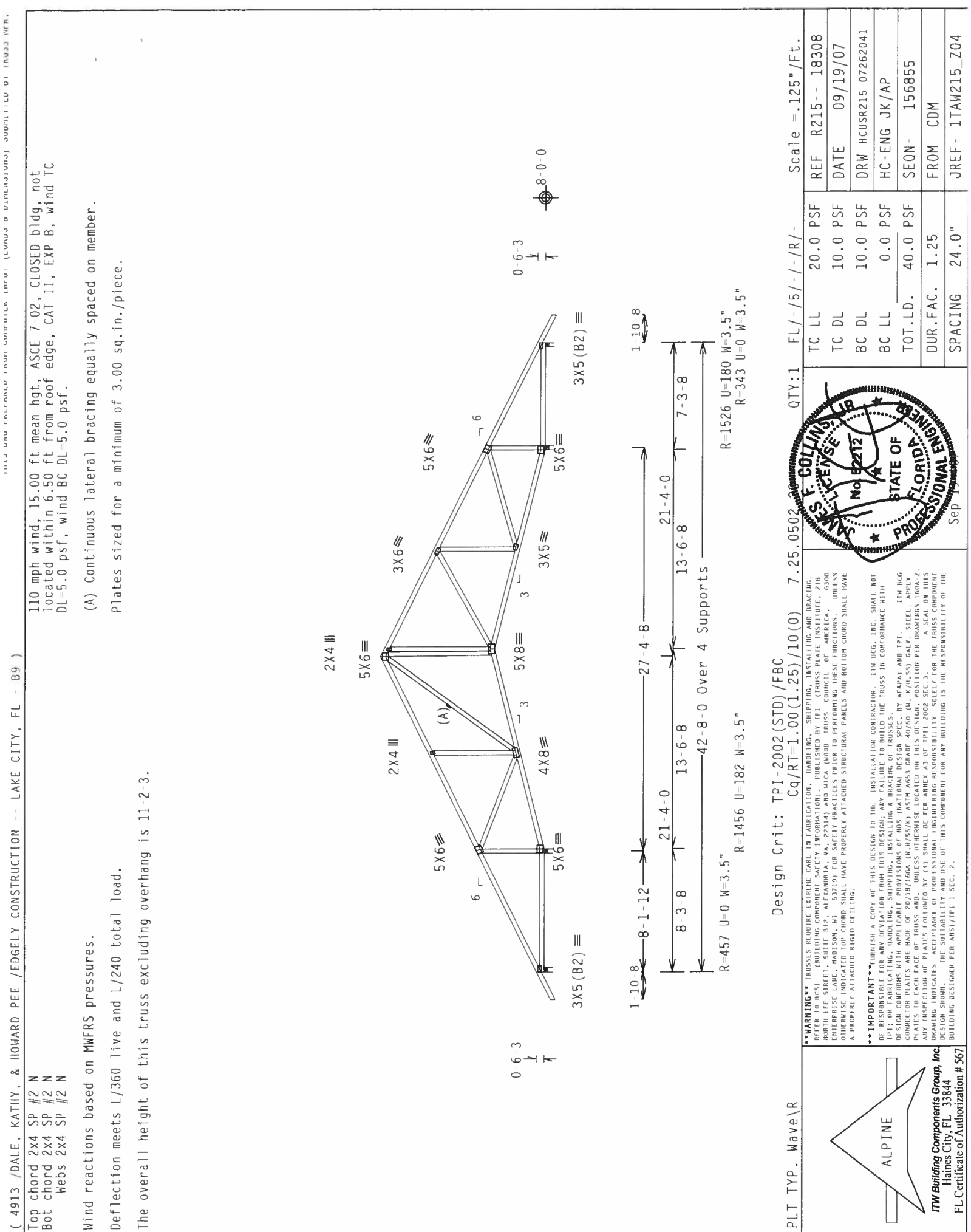
The overall height of this truss excluding overhang is 11-0-3.

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



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

Haines City, FL 33844
FL Certificate of Authorization # 567



(4913 /DALE, KATHY, & HOWARD PEE /EDGELY CONSTRUCTION -- LAKE CITY, FL - B9)

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

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 11'-2 3/4".

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

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

Scale = .125"/Ft.

QTY: 1

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

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

SPACING 24.0"

REF R215 - 18308

DATE 09/19/07

DRW HCUSR215 07262041

HC-ENG JK/AP

SEQN 156855

FROM CDM

JREF 1TAW215_Z04

PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

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

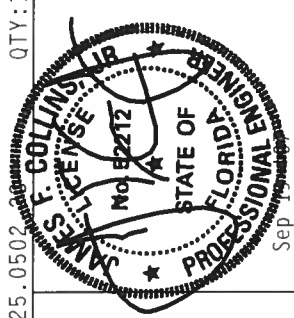
7.25.0502

R=457 U=0 W=3.5"

R=1456 U=182 W=3.5"

R=1526 U=180 W=3.5"

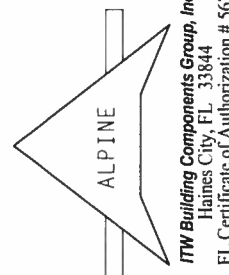
R=343 U=0 W=3.5"



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (CROSS PLATE INSTITUTE, 218 W. 10TH ST., SUITE 100, DALLAS, TEXAS 75201) 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. THE BCG, 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. 1TH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (M-17/55/78) ASTM A653 GRADE 40/60 (M. K/14-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE PER AMERICAN A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT MANUFACTURER'S USE ONLY. THE SIGNATURE AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 7.



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

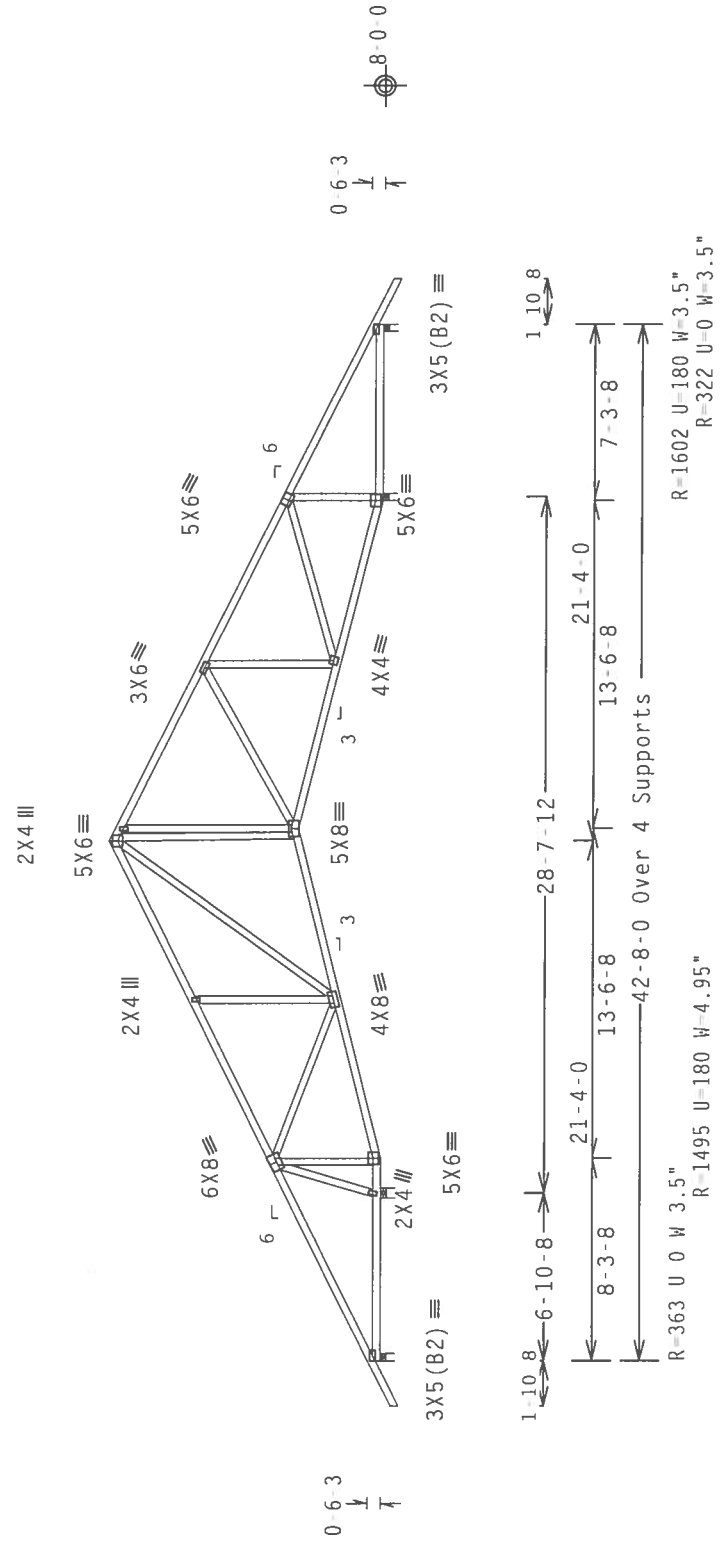
Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

The overall height of this truss excluding overhang is 11-2-3.



PLT TYP. Wave\R
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502 QTY:1 FL/-5/-/-/R/- Scale =.125"/Ft.

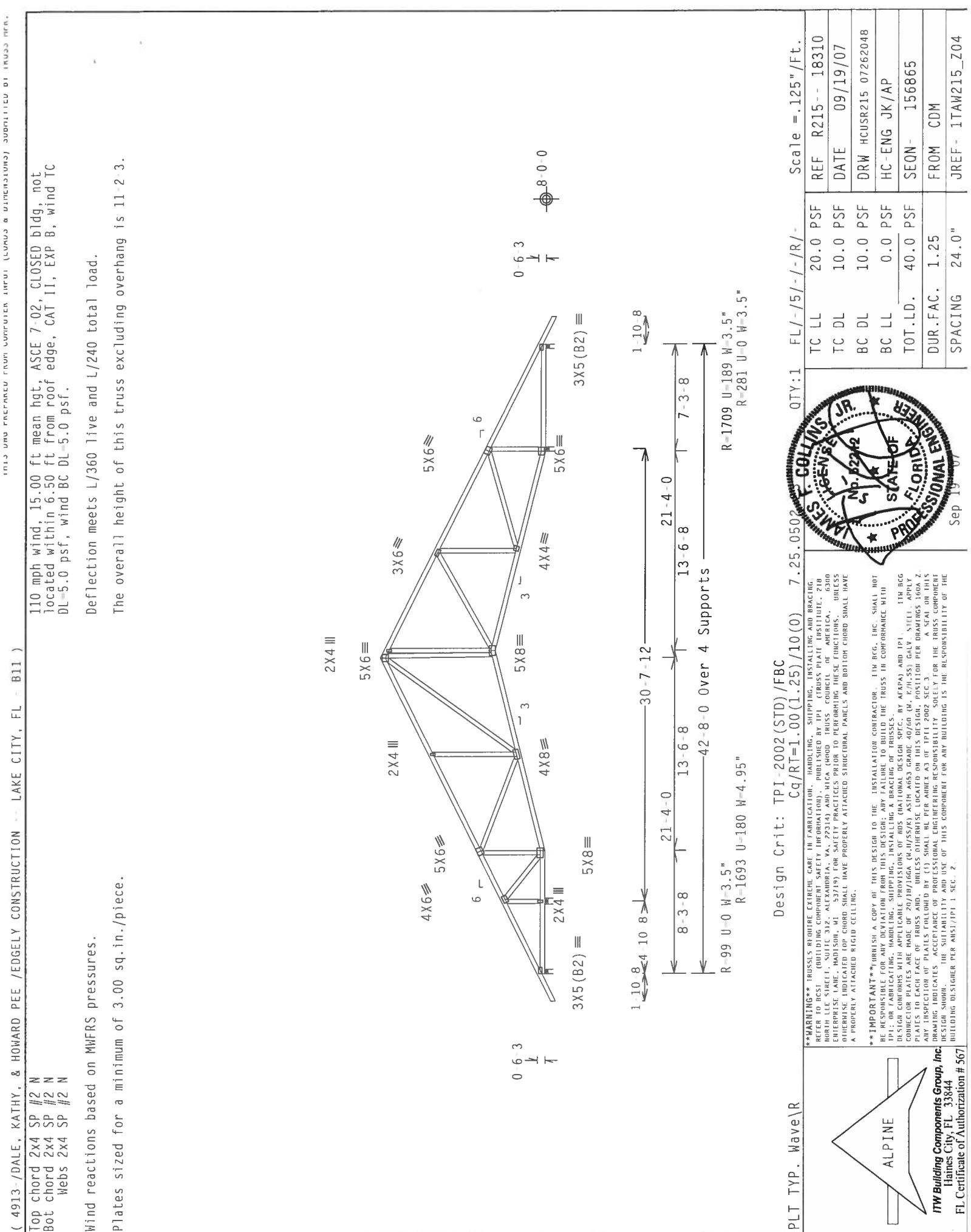
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI, 1000 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WCA (WOOD TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LANE, 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. THE REG. 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. THE REG. CONNECTION PLATES ARE MADE OF 201/19/106A (20/19/55/8) ASTM A653 GRADE 40/60 (M. K/H-SS) GALV. STEEL. APPLY ANY INSPECTION PLATES TO ALL TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T00A Z. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE DESIGN AND DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TC LL	20.0 PSF	REF	R215--	18309
TC DL	10.0 PSF	DATE	09/19/07	
BC DL	10.0 PSF	DRW	HCUSR215	07262042
BC LL	0.0 PSF	HC-ENG	JK/AP	
TOT.LD.	40.0 PSF	SEQN-	156859	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	ITAW215_Z04	



(4913-/DALE, KATHY, & HOWARD PEE /EDGELY CONSTRUCTION - LAKE CITY, FL - B11)

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

Wind reactions based on MWFRS pressures.
Plates sized for a minimum of 3.00 sq.in./piece.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

The overall height of this truss excluding overhang is 11-2-3.

Scale = .125" / Ft.

Design Crit: TPI-2002 (STD) / FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502

PLT TYP. Wave\R

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

REF R215 - 18310

DATE 09/19/07

DRW HCUSR215 07262048

HC-ENG JK/AP

SEQN - 156865

FROM CDM

JREF - 1TAW215_Z04

SPACING 24.0"

DUR.FAC. 1.25

TOT.LD. 40.0 PSF

BC DL 10.0 PSF

TC DL 10.0 PSF

TC LL 20.0 PSF

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

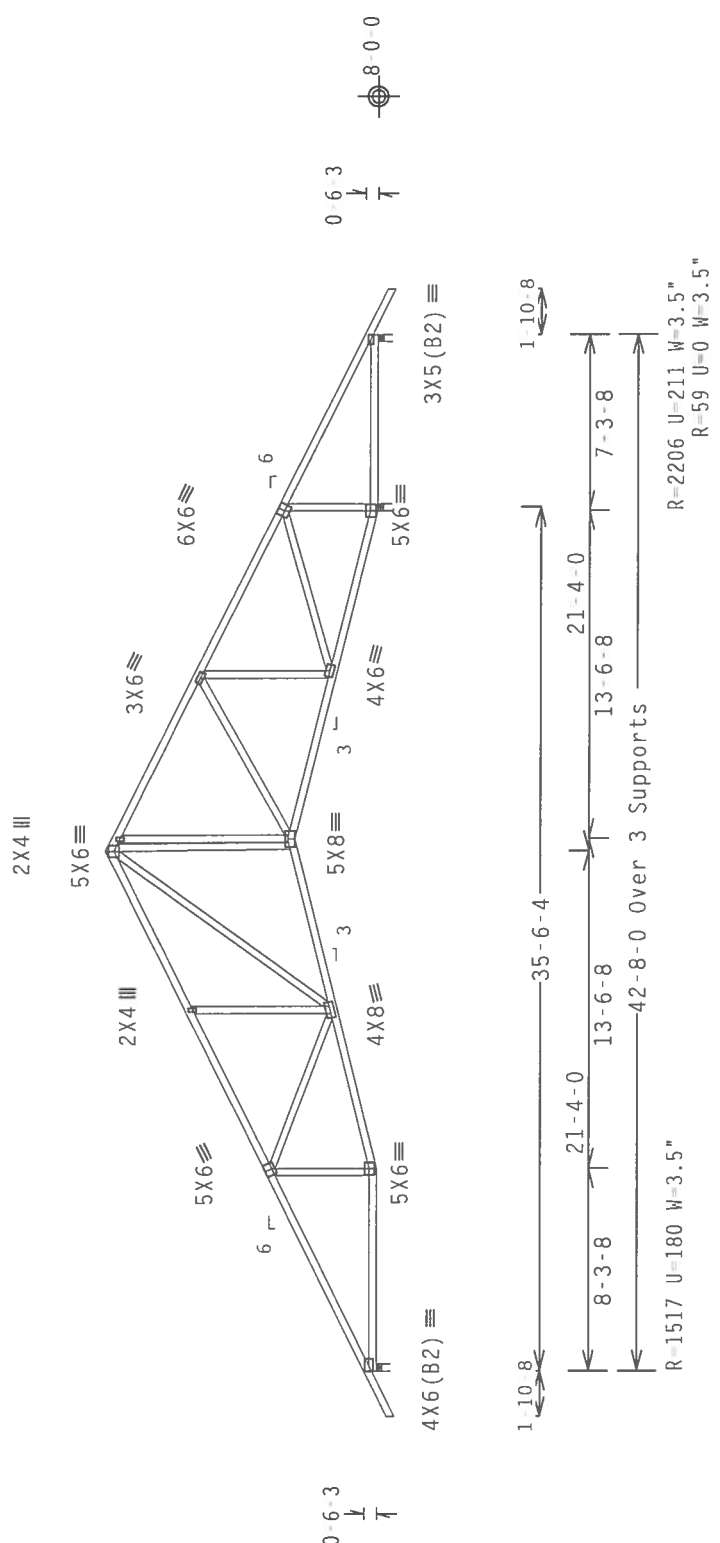
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

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

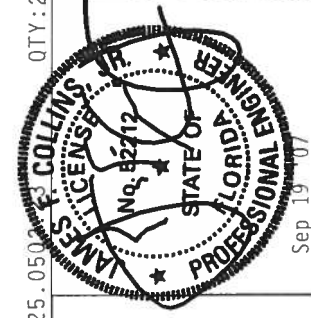
Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 11'-2.3".



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.050

PLT TYP. Wave\R



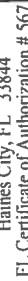
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 312, ALEXANDRIA, VA 22314) AND UFGA (WOOD FRAME GABLE AND GABLED ROOFING ASSOCIATION, 1000 WILSON DRIVE, SUITE 100, FARMINGTON, CT 06031). UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CUTTING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, 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 OR BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. 11TH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/55/K) ASH A653 GRADE 40/60 (M, K/H-55) 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 AMER 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 SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

QTY: 2	FL: -/5/-/R/-	Scale = .125" /Ft.
TC LL	20.0 PSF	REF R215 - 18311
TC DL	10.0 PSF	DATE 09/19/07
BC DL	10.0 PSF	DRW HCUSR215 07262045
BC LL	0.0 PSF	HC-ENG JK/AP
TOT.LD.	40.0 PSF	SEQN - 156873
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF - 1TAW215_Z04

NOTE: LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 2'0" O.C. MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.



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

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

The overall height of this truss excluding overhang is 11 0 3.

See detail BCFILLER0207 for bottom chord (BC) filler detail.
Laterally brace BC above filler @ 24" O.C. (or as designed)
Including a brace on BC directly above both ends of filler (if no rigid diaphragm exists at that point).

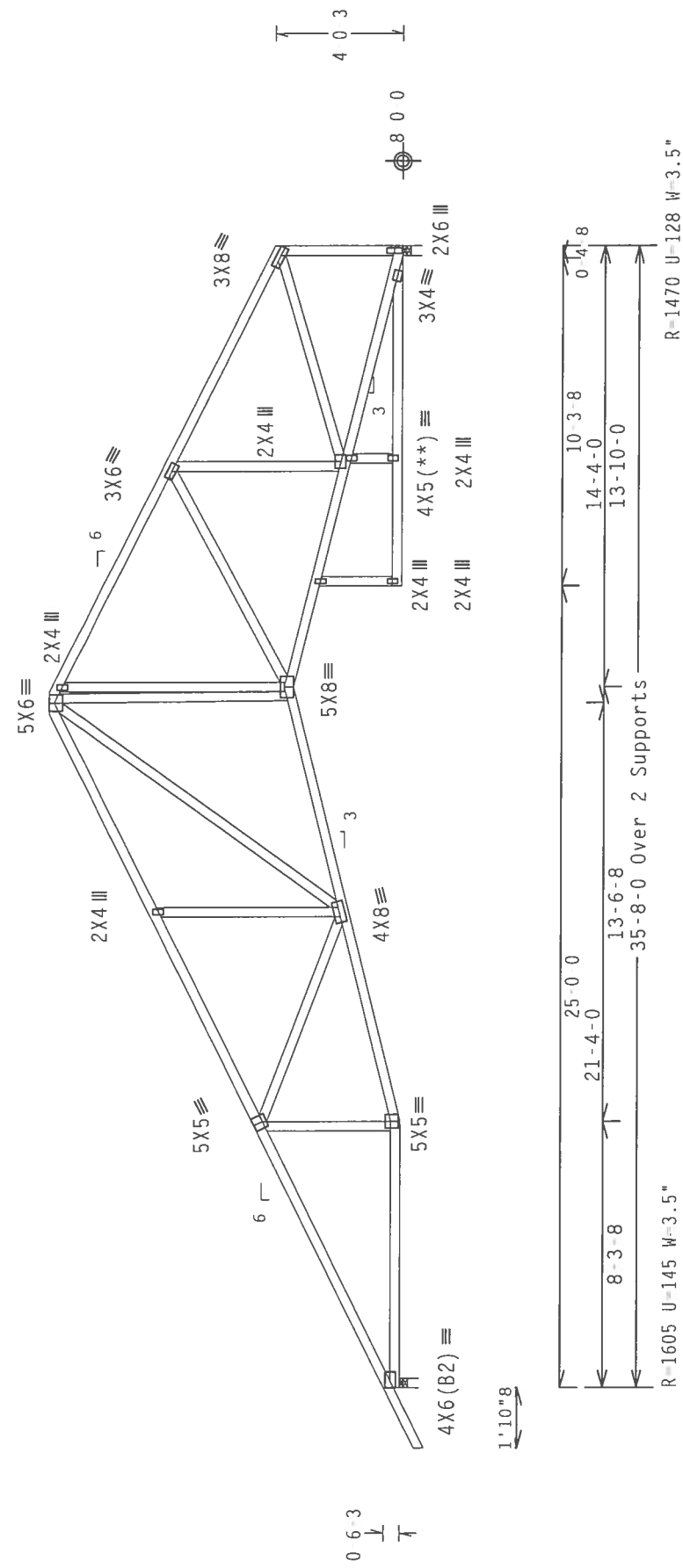
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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. $I_w=1.00$ $G C p_i(+/-)=0.18$

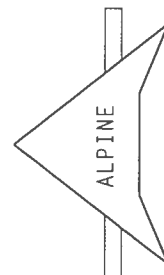
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



PLT TYP. Wave\R



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/5/-/-/R/-

Scale = .1875"/Ft.

REF	R215--	18313
DATE	09/19/07	
DRW	HCUSR215	07262024
HC-ENG	RA/WHK	
SEQN	50802	
FROM	CDM	
JREF	1TAW215	Z04

PLT TYP. Wave\R

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

Scale = .1875"/Ft.

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
SPACING	24.0"

FLORIDA PROFESSIONAL ENGINEER

STATE OF FLORIDA

NO. 52212

SEP 19 2007

SEP 19 2007

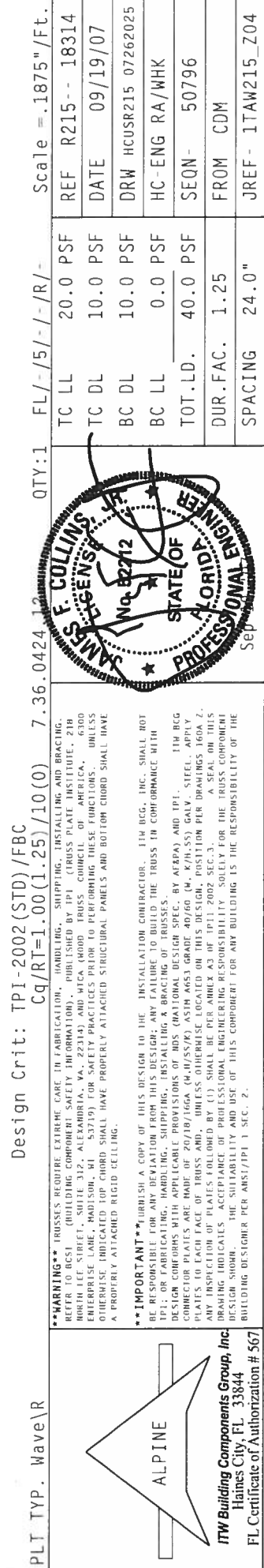
PLT TYP. Wave\R

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

Scale = .1875"/Ft.

REF	R215--	18313
DATE	09/19/07	
DRW	HCUSR215	07262024
HC-ENG	RA/WHK	
SEQN	50802	
FROM	CDM	
JREF	1TAW215	Z04

- ☐ Laterally brace BC above filler @ 24" O.C. (or as designed)
- ☐ Including a brace on BC directly above both ends of filler (if no rigid diaphragm exists at that point).



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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

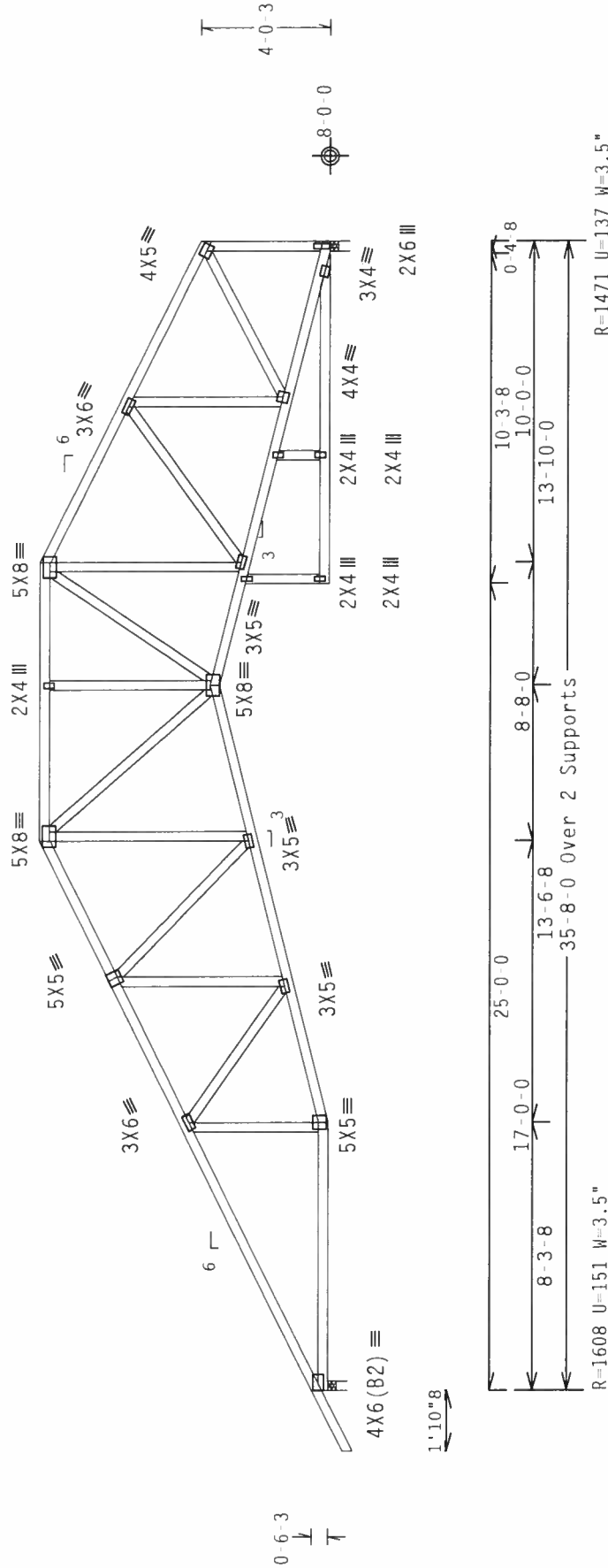
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

See detail BCFILLER0207 for bottom chord (BC) filler detail.

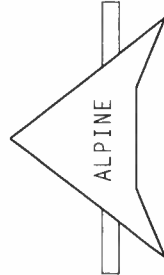
- ☐ Laterally brace BC above filler @ 24" O.C. (or as designed)
- ☐ Including a brace on BC directly above both ends of filler (if no rigid diaphragm exists at that point).



PLT_TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC
 $\text{Ca/RT}=1.00(1.25)$

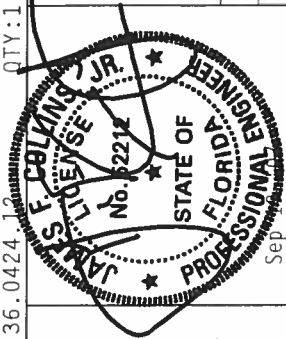
QTY: 1 51 / - / 51 / - / 18 / -

$$\text{Scale} = 1875''/\text{ft}$$


ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

****WARNING**** BRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE USER MUST FOLLOW BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (CROSS PLATE INSTITUTE, 218 HARTFORD STREET, HARTFORD, CT 06103), AND THE TPI INSTALLATION MANUAL, PUBLISHED BY TPI (CROSS PLATE INSTITUTE, 218 HARTFORD STREET, HARTFORD, CT 06103), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CEILING 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. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH OR VARIATION FROM THIS DESIGN, INCLUDING BRACING OF TRUSSES,
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE IBC AND TPI.
CONNECTION PLATES ARE MADE OF 201R17/68GA / W/ASSESS LOCATED PER ATCPA) AND TPI.
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE SPECIFIED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANHX 4.3 OF TPI 2002 SEC.3.
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUFFICIENCY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANHX/TPI 1 SEC. 2.



Set

TC LL	20.0	PSF	REF	R215 -	18315
TC DL	10.0	PSF	DATE	09/19/07	
BC DL	10.0	PSF	DRW	HCUSR215	07262021
BC LL	0.0	PSF	HC-ENG	RA/WHK	*
TOT.LD.	40.0	PSF	SEQN -	50790	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF	1TAW215	Z04

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

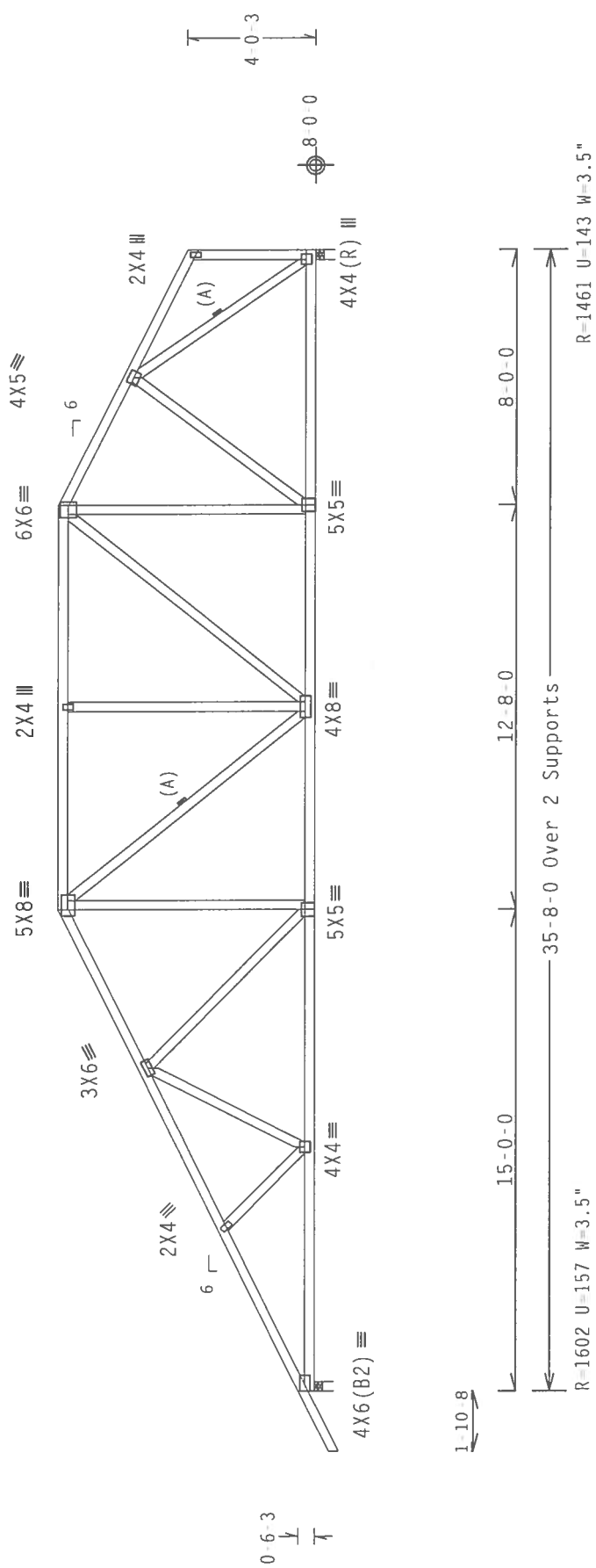
110 mph wind, 15.00 ft mean hgt, ASEC 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/) 0.18

(A) Continuous lateral bracing equally spaced on member.

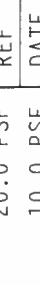
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

The overall height of this truss excluding overhang is 8-0-3.

Design Crit: $\text{TPI-2002(STD)}/\text{FBC}$
 $\text{Ca}/\text{RT}=1.00(1.25)/$

Scale = .1875" / Ft.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY ITPI (TRUSS PLATE INSTITUTE, 218 CHURCH STREET, SUITE 112, ALEXANDRIA, VA, 22314) AND AFCA (GOOD TRUSSES, COUNCIL OF AMERICA, 6300 UNIVERSITY DRIVE, SUITE 170, FALLS CHURCH, VA 22046) FOR BEST PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED THE CROWN 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. ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY INADEQUATE DESIGN OR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER HANDLING, SHIPPING, UNLOADING AND INSTALLATION OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER HANDLING, SHIPPING, UNLOADING AND INSTALLATION OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER HANDLING, SHIPPING, UNLOADING AND INSTALLATION OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER HANDLING, SHIPPING, UNLOADING AND INSTALLATION OF THE TRUSS.

DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AFPCA) AND ITPI 1TH BEG CORRELATOR PLATES ARE MADE OF 20/18/16GA (H-10/55/6) ASTM A563 GRADE 40/60 (H, K/H/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSSES AND, UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIAH A3 OF 1911 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT UNLESS SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/ITPI 1 SEC. 2.



James F. Collins, Jr.
Professional Engineer
State of Florida
License No. 52212

TC LL	20.0	PSF	REF	R215 --	18316
TC DL	10.0	PSF	DATE	09/19/07	
BC DL	10.0	PSF	DRW	HCUSR215	07262022
BC LL	0.0	PSF	HC-ENG RA/WHK.	*	
TOT. LD.	40.0	PSF	SEQN-	50784	
DUR. FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TAW215-Z04	

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

Top chord 2x4 SP #2 N :T1 2x8 SP SS:
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Calculated horizontal deflection is 0.15" due to live load and 0.16" due to dead load.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Plates sized for a minimum of 3.00 sq.in./piece.

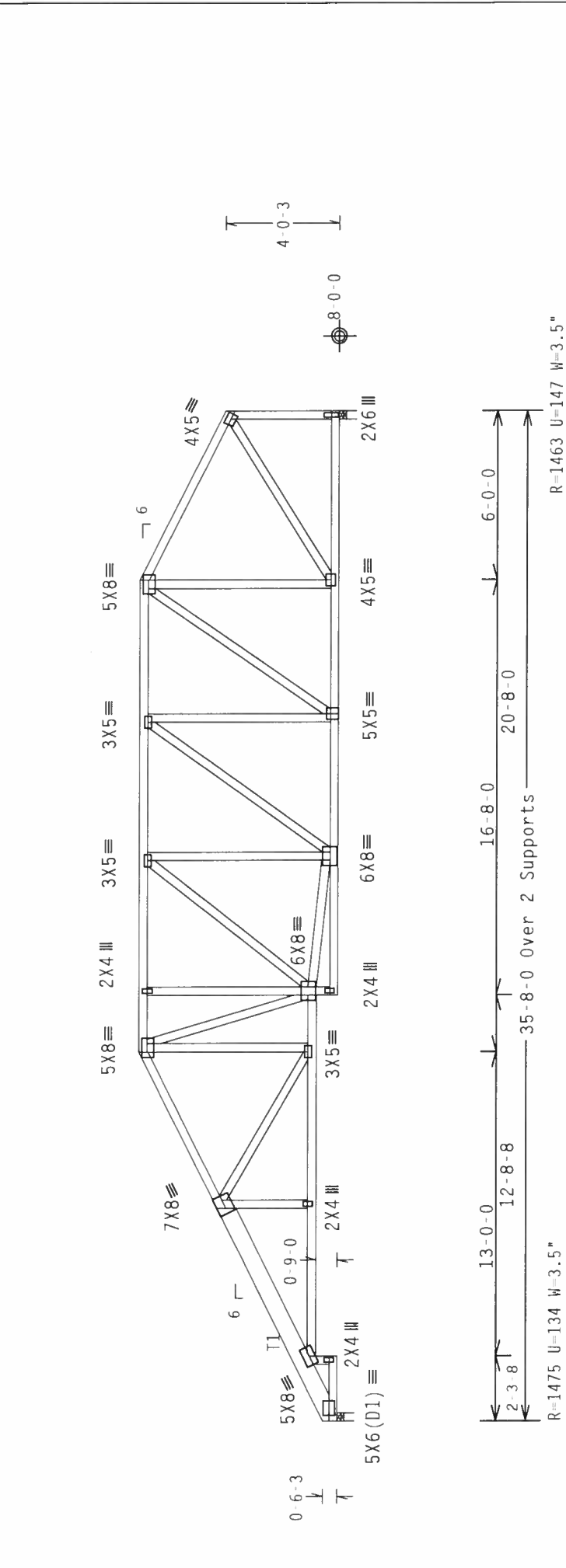
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

The overall height of this truss excluding overhang is 7'-0"-3".



PLT TYP. Wave\R

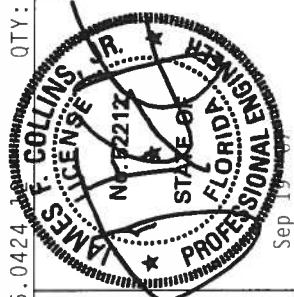
Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.36.0424

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

Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R215 --	18317
TC DL	10.0 PSF	DATE	09/19/07	
BC DL	10.0 PSF	DRW	HCUSR215	07262026
BC LL	0.0 PSF	HC-ENG	RA/WHK	
TOT.LD.	40.0 PSF	SEQN-	50778	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	1TAW215	Z04



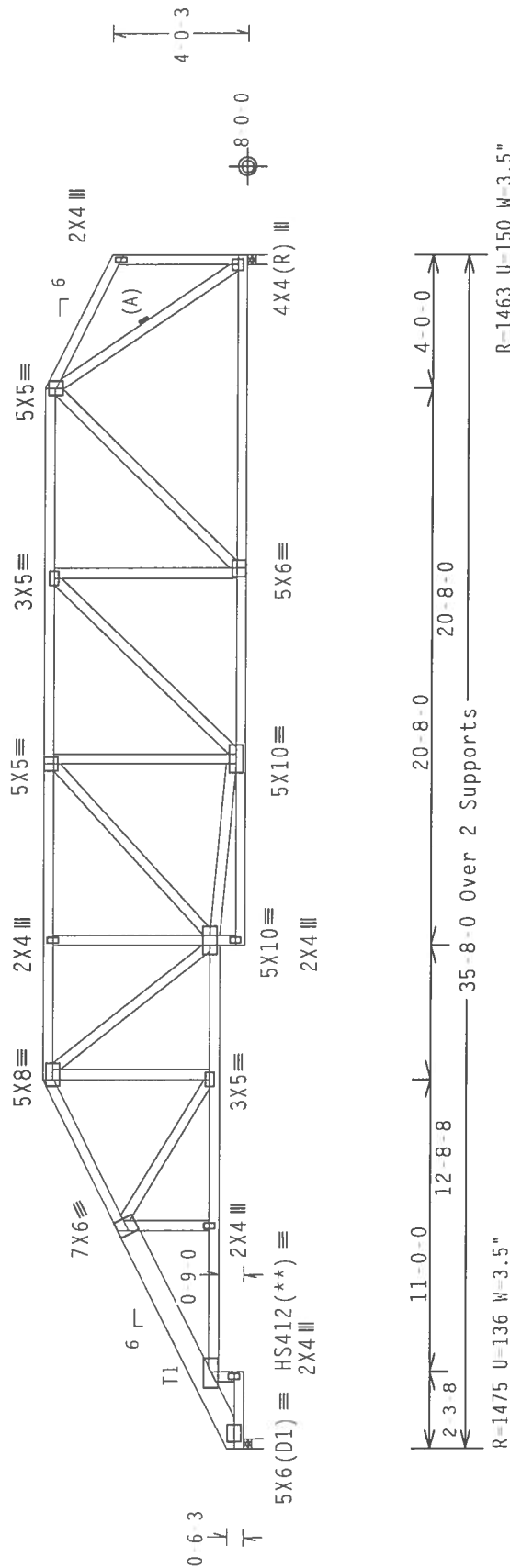
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. ALL TRUSSES MUST BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH THE TPI-2002(STD) SPECIFICATIONS. THE TRUSS DESIGNER SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI-2002(STD) SPECIFICATIONS SHALL BE THE RESPONSIBILITY OF THE TRUSS DESIGNER. THE TRUSS DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE TRUSS DESIGNER. THE TRUSS DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE TRUSS DESIGNER.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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

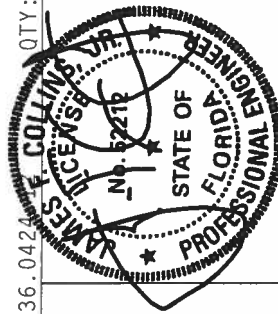
The overall height of this truss excluding overhang is 60.3.

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

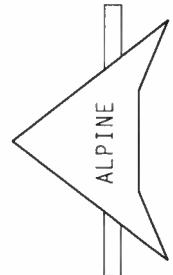


Scale = .1875"/Ft.

TC LL	20.0	PSF	REF	R215--	18318
TC DL	10.0	PSF	DATE	09/19/07	
BC DL	10.0	PSF	DRW	HCUSR215	07262027
BC LL	0.0	PSF	HC-ENG	RA/WHK	
TOT.LD.	40.0	PSF	SEON-	50772	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TAW215	Z04



Sep 19 '07



ITW Building Components Group, Inc.
Haines City, FL 33844

James City, FL 33844
FL Certificate of Authorization # 567

Top chord 2x4 SP #2 N :T1 2x8 SP SS:

(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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. lw=1.00 GCpi(+/-)0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

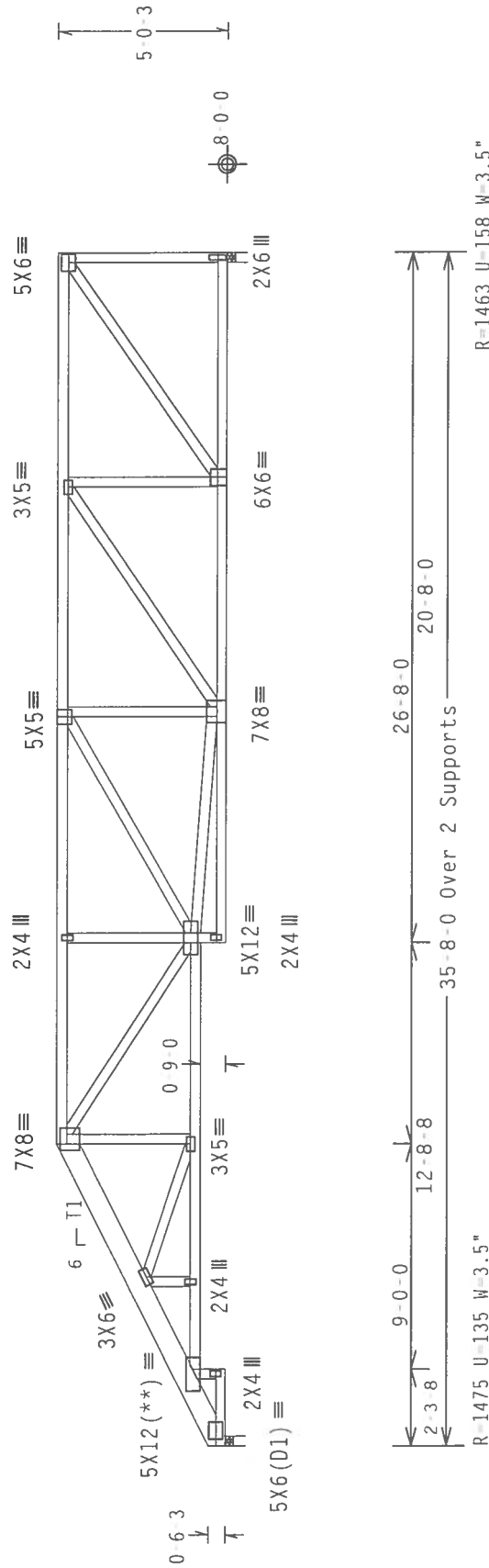
The overall height of this truss excluding overhang is 5-0-3.

Calculated horizontal deflection is 0.15" due to live load and 0.15" due to dead load.

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

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

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



Design Crit: TPI-2002(STD)/FBC

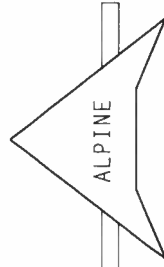
PLT TYP. Wave\R

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

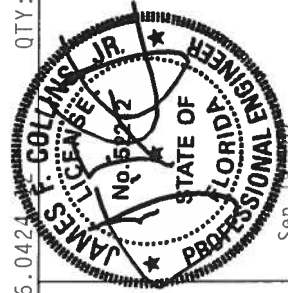
QTY:1 FL / 5 / - / - / R / -

Scale = .1875"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGN CONSTRUCTION SAFETY INFORMATION, PUBLISHED BY THE CROSS PLATE INSTITUTION, 710 UNIVERSITY LANE, BADDISWILL, MI 48106-9901, FOR A COMPLETE LIST OF REFERENCES. THESE TRUSSES ARE DESIGNED FOR USE AS CHORDS ONLY. THEY ARE NOT TO BE USED FOR PERFORMING THESE FUNCTIONS. OTHERWISE, INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID BEAMING.

[illegible]

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567



Sep 19 1967

JREF- 1TAW215 Z04

Top chord 2x4 SP //2 N
Bot chord 2x4 SP //2 N

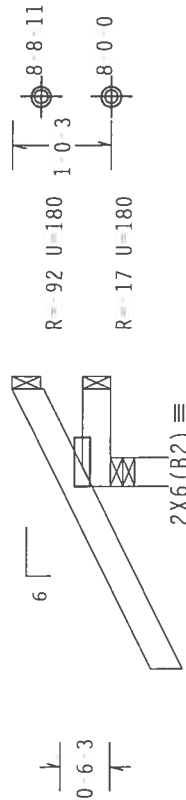
110 mph wind, 15.00 ft mean ht, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw 1.00 GCpi(+/-)=0.18

Wind reactions based on MvFRS pressures.

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

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

The overall height of this truss excluding overhang is 1-0-3.



1-0-0 Over 3 Supports

R-316 U-180 W-3.5"

Design Crit: TPI-2002(STD)/FBC

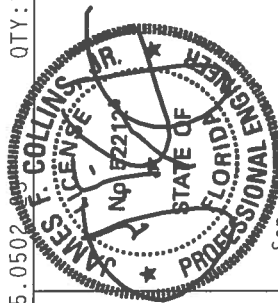
PLT TYP. Wave\R

$$\text{Ca}/\text{RT}=1.00(1.25)/10(0) \quad 7.25.0502$$

QTY:10 EL / - / 5 / - / - / R / -

Scale = 5"/Ft

TC LL	20.0	PSF	REF	R215 -	18320
TC DL	10.0	PSF	DATE	09/19/07	
BC DL	10.0	PSF	DRW	HCUSR215	07262053
BC LL	0.0	PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0	PSF	SEON-	143880	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TAN215	Z04



Sep 19 1967

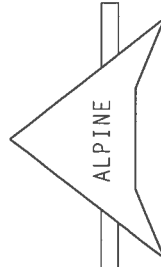
WARNING THESE REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO DESIGN/CONSTRUCTION SAFETY INFORMATION, PUBLISHED BY THE CRUSS PLANT INSTITUTE, 2100 HILFSPRISSE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID JOINTING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE SPECIFICATIONS, OR FOR ANY FAILURE TO PROTECT THE TRUSS FROM DAMAGE DURING HANDLING, SHIPPING, INSTALLING, OR FABRICATING.

TYPE OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HDX (NATIONAL DESIGN SPEC., BY AISC) AND TPI -
CONNECTION PLATES ARE MADE OF 20/18/16GA (W./55/K) ASTH A653 GRADE 40/60 (W. K/H.55) GALV. STEEL.
PLATE TO EACH FACE OF TRUSS AND MEMBERWISE, LOCATED ON THIS DESIGN, POSITION PER DRAWINGS. 16GA Z

ANY INSPECTION OF PLATS FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPII-2002, SECTION 3.3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNER.

Haines City, FL 33844
FL Certificate of Authorization # 567



ITW Building Components Group, Inc.
Haines City, FL 33844

Haines City, FL 33844
FL Certificate of Authorization # 567

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

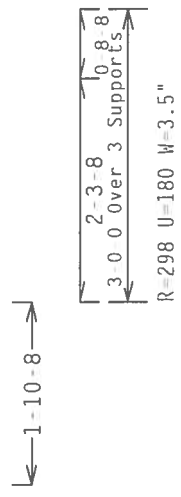
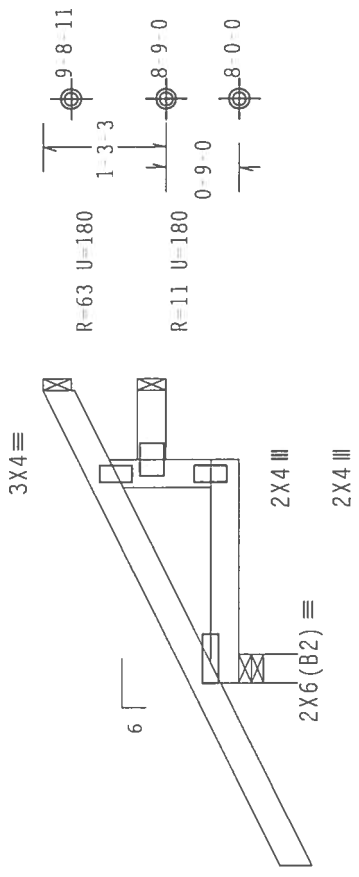
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $lw=1.00 Gcpi(+/-)0.18$

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

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 20'3".



PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502 2007 QTY:2 FL/-5/-/-/R/- Scale=.5"/Ft.

REF	R215--	18322
DATE	09/19/07	
DRW	HCUSR215	07262057
HC-ENG	EC/WHK	*
SEON	143892	
FROM	CDM	
JREF	1TAW215_Z04	

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

James F. Collins, Jr.
Professional Engineer
State of Florida
No. 52212

Sep 19 2007

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 ALPINE DRIVE, HAINES CITY, FL 33844) OR THE MANUFACTURER OF THE TRUSS. THE USER OF THESE TRUSSES SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSSES. OTHERWISE, THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSSES. OTHERWISE, THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSSES.

IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (H/H/SS/SS) ASTM A653 GRADE 40/60 (M. P/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A.2. ANY INSPECTION OF PLATE FOLLOWED BY (1) SHALL BE PER AMHX 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 SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMST/TPI 1 SEC. 2.

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

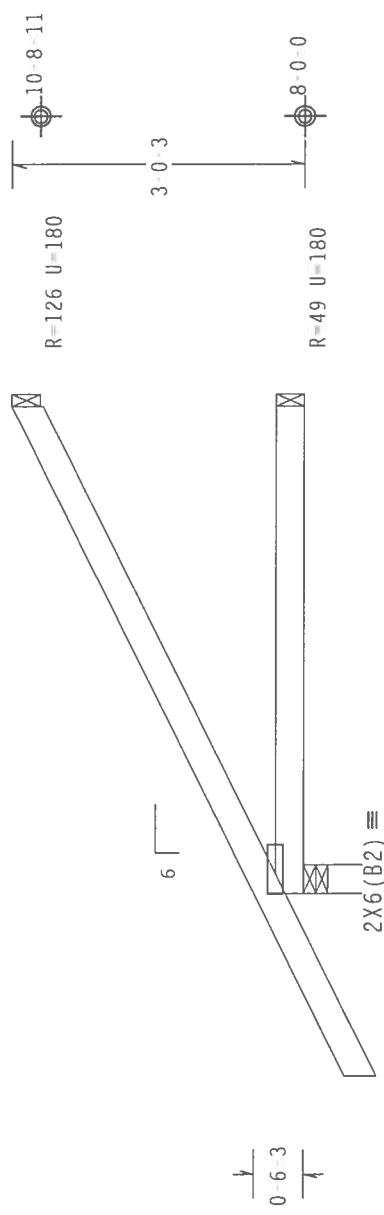
Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $1w=1.00 GCpi(+/-)=-0.18$

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

The overall height of this truss excluding overhang is 30' 3".



$\overleftarrow{\hspace{1.108cm}} \hspace{0.5cm} \overrightarrow{\hspace{1.108cm}}$
 $\overleftarrow{\hspace{5.00cm}} \hspace{0.5cm} \overrightarrow{\hspace{5.00cm}}$

R=362 U=180 W=3.5"

PLT TYP.	Wave\ R	Design Crit: TPI-2002 (STD)/FBC Cq/RI=1.00(1.25)/
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Scale = .5"/Ft.

WARNING	TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. TO PREVENT DAMAGE TO TRUSS COMPONENTS, THE FOLLOWING MUST BE OBSERVED: A) SAFETY EQUIPMENT (HARD HAT, EYE PROTECTION, GLOVES, LIFELINE, FALL ARRESTOR, ANCHORAGE) B) ALL STEEL SURFACES SHALL BE CLEANED OF OIL, GREASE, DIRT, RUST, AND OTHER CONTAMINANTS PRIOR TO PAINT APPLICATION. C) WELDERS SHALL WEAR APPROPRIATE PPE AND QUALITY CONTROL PERSONNEL SHALL INSPECT ALL WELDS FOR DEFECTS. D) IF ANY DEFECTS ARE FOUND, THEY SHALL BE REPAIRED BEFORE THE NEXT STEP IS COMPLETED. E) ENTERPRISE, LAKE, MADISON, WI 53719 FOR SAFELY 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.	TC LL 20.0 PSF	REF R215 - 18323
		TC DL 10.0 PSF	DATE 09/19/07
		BC DL 10.0 PSF	DRW HCUSR215 07262050
		BC LL 0.0 PSF	HC-ENG EC/WHK *
	TOT.L.D.	40.0 PSF	SEQN- 143886
	DUR.FAC.	1.25	FROM CDM
	SPACING	24.0"	JREF- 1TAW215_Z04

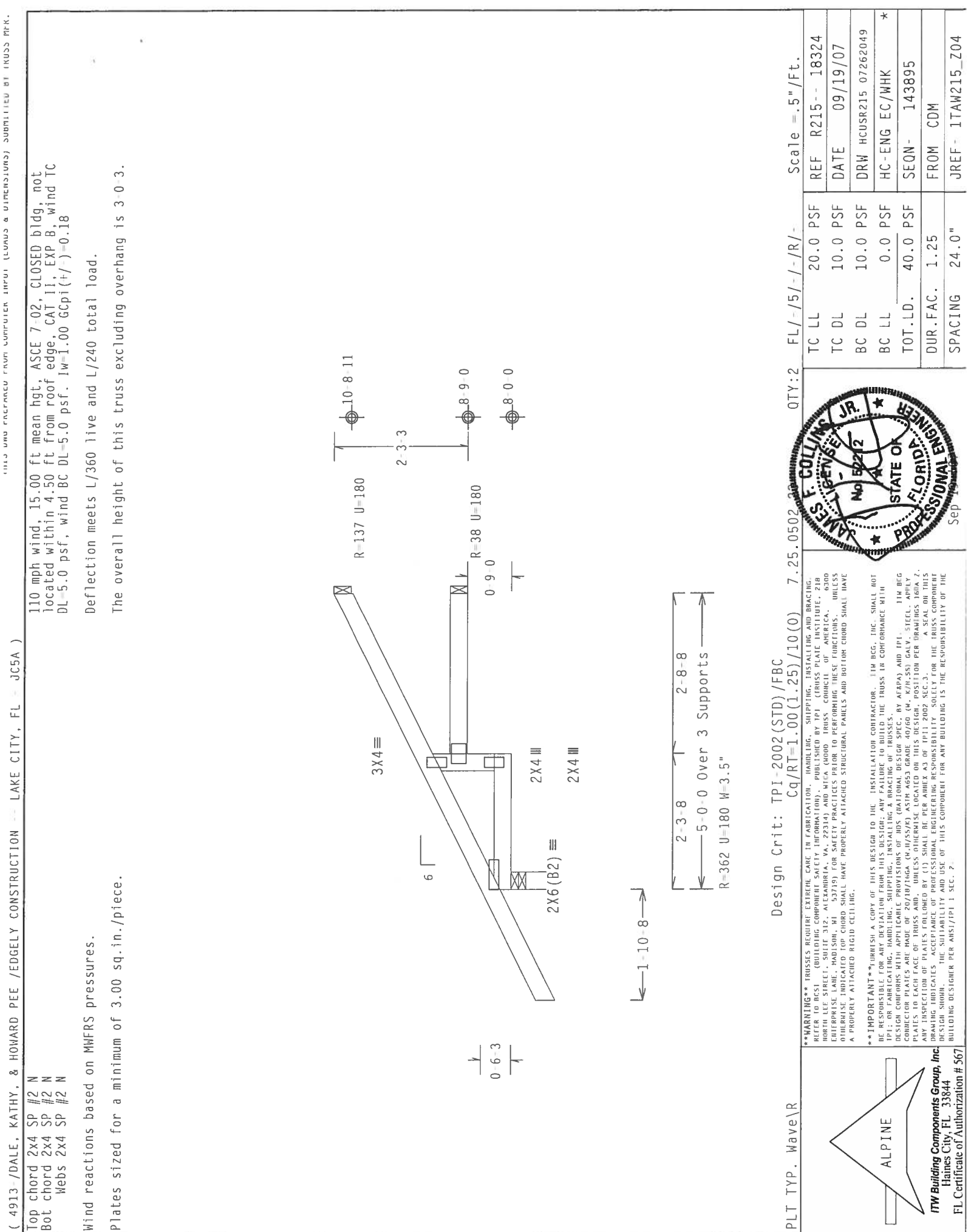
Sep 19 2007

****IMPORTANT**** PURSUANT TO THE INSTALLATION CONTRACTOR, ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH IPTI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONNECTORS WITH APPLICABLE PROVISIONS OF AISI (NATIONAL DESIGN SPEC., BY AFIP/A) AND IPTI. IPTI BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (M-H/S5/K) ASTM A653 GRADE 40/60 (N, K/H-S5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (U) SHALL BE PER ANNEX A3 OF IPTI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/IPTI 1 SEC. 2.

ITW Building Components Group, Inc.
 Haines City, FL 33844

FL Certificate of Authorization # 567



(4913-DALE, KATHY, & HOWARD PEE /EDGELEY CONSTRUCTION - LAKE CITY, FL - JC5A)

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. $I_w=1.00$ GCpi(+/-)=0.18

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

The overall height of this truss excluding overhang is 3-0-3.

Wind reactions based on MWFRS pressures.

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

Top chord 2x4 SP #2 N

Bot chord 2x4 SP #2 N

Webs 2x4 SP #2 N

PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

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

7.25.0502

QTY:2

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

Scale = .5"/Ft.

REF R215-- 18324

DATE 09/19/07

DRW HCUSR215 07262049

HC-ENG EC/WHK

SEQN- 143895

FROM CDM

JREF- 1TAW215_Z04

11W BCG, 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 AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. 11W BCG CONNECTION PLATES ARE MADE OF 20/18/16GA (N.H/55/K) ASTM A653 GRADE 40/60 (N. K/H-SS) 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 ANSI/A3 OF TPI 2002 SEC.3. A SEAL ON THIS DESIGN SHOWN INDICATES THE SUFFICIENCY OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 7.

11W BCG, 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.

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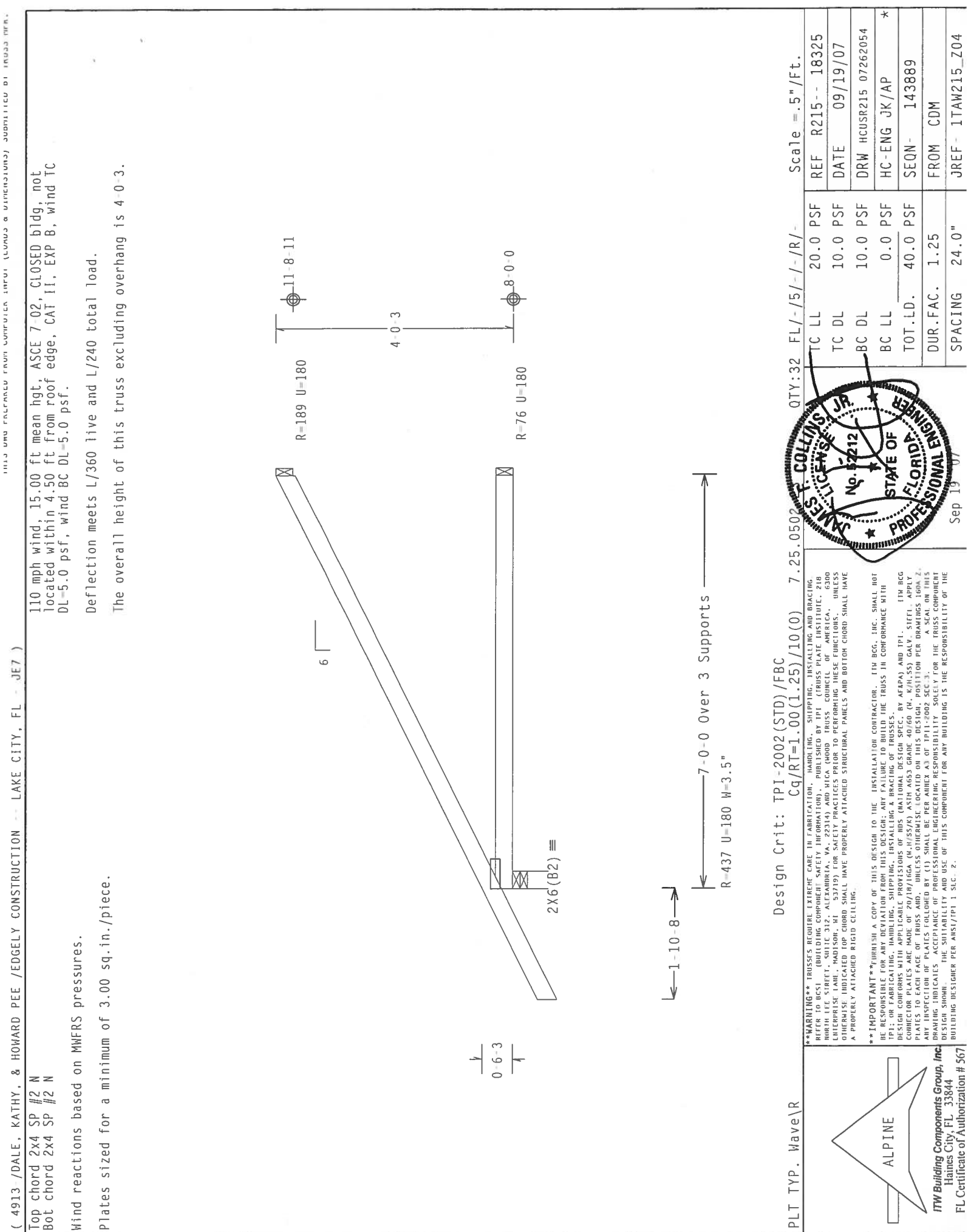
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11W BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

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THIS DRAWING IS THE PROPERTY OF THE ENGINEER. IT IS TO BE USED FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER.

(4913 /DALE, KATHY, & HOWARD PEE /EDGELY CONSTRUCTION -- LAKE CITY, FL - JET)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Wind reactions based on MWFRS pressures.
Plates sized for a minimum of 3.00 sq.in./piece.
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 4-0-3.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502 QTY:32 FL/-/5/-/-/R/- Scale = .5"/Ft.

PLT TYP. Wave\R

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

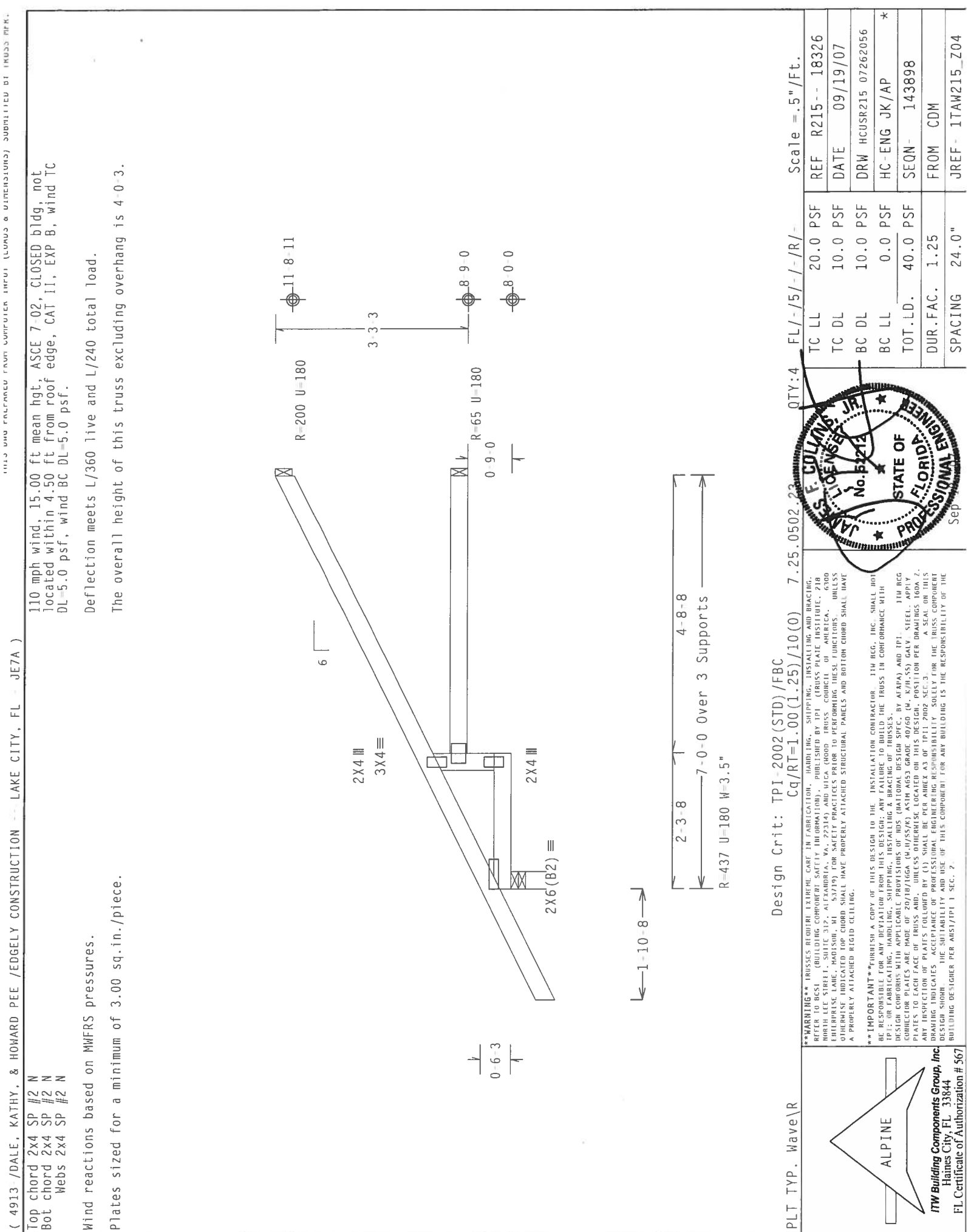
STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 12212
JAMES F. COLLINS, JR.
LICENSED
Sep 19 07

1-10-8
7-0-0 Over 3 Supports
R-437 U=180 W=3.5"

2X6 (B2) =

R-189 U=180

11-8-11
4-0-3
8-0-0
R-76 U=180



(4913 /DALE, KATHY, & HOWARD PEE /EDGELY CONSTRUCTION -- LAKE CITY, FL -- JE7A)

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

Wind reactions based on MWFRS pressures.

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

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

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

The overall height of this truss excluding overhang is 4-0-3.

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.25.0502.23

PLT TYP. Wave\R

Scale = .5" / Ft.

TC LL	20.0 PSF	REF R215 -	18326
TC DL	10.0 PSF	DATE	09/19/07
BC DL	10.0 PSF	DRW	HCUSR215 07262056
BC LL	0.0 PSF	HC-ENG	JK/AP
TOT.LD.	40.0 PSF	SEQN	143898
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TAW215_Z04

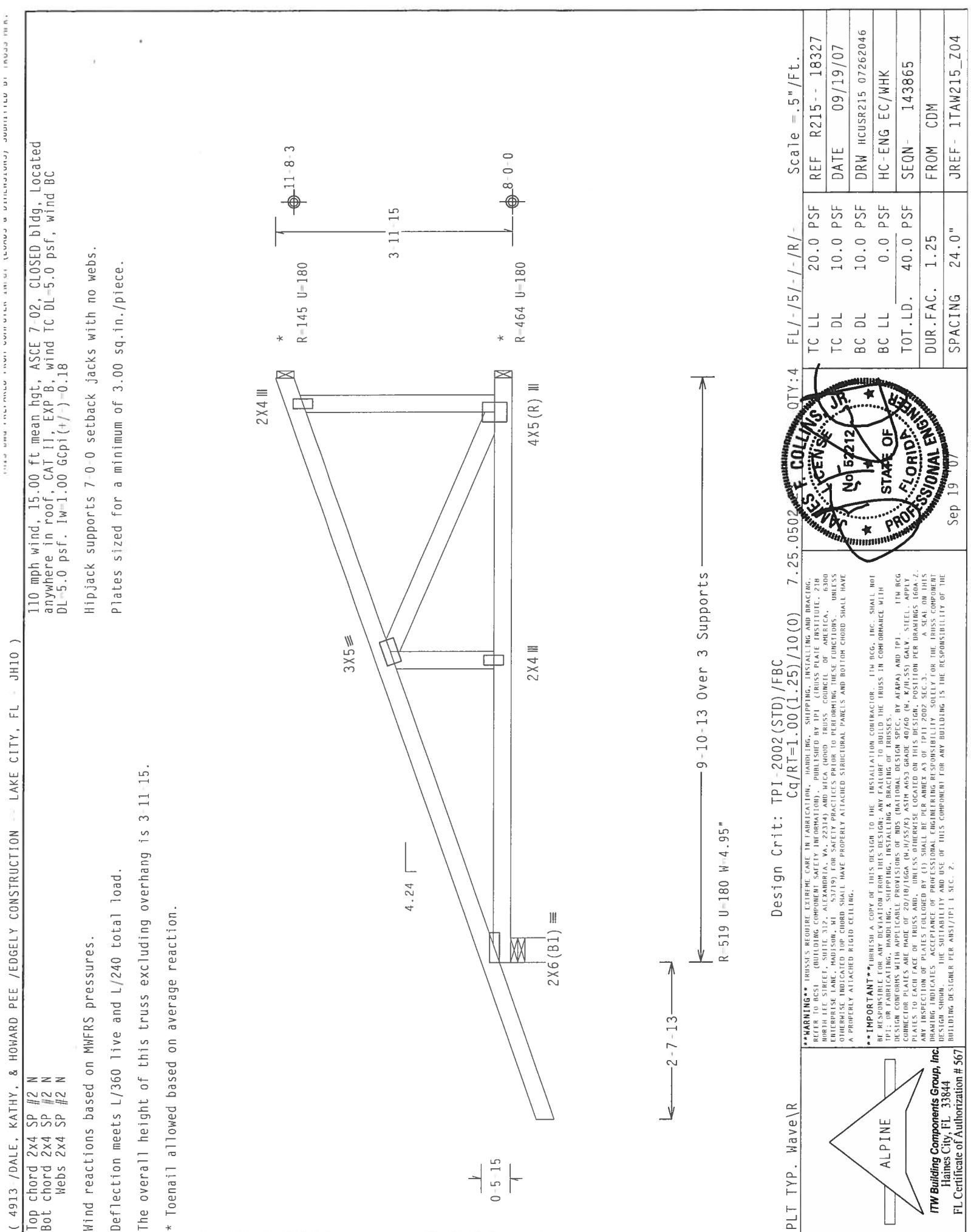
ALPINE

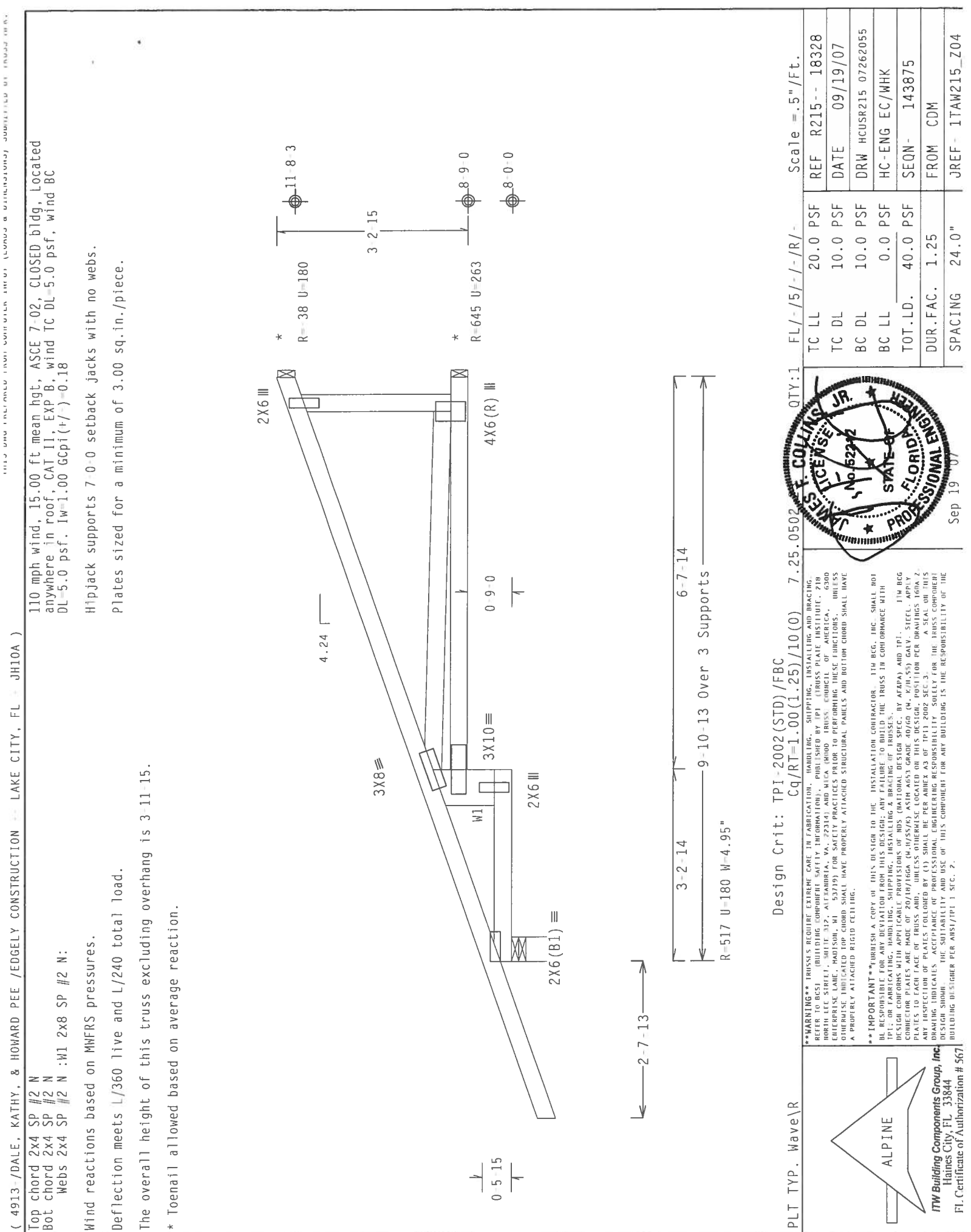
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 62413
JAMES E. COLLINS, JR.

SEP 19 2007

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF RDS (RATIONAL DESIGN SPEC., BY AIA/AIA) AND TPI. 1TH BCG CONNECTION PLATES ARE MADE OF 20/18/16GA (M-11/55/8) ASTM A653 GRADE 40/60 (M. K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A & 160B. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DESIGN INDICATES THE SIGNATURE OF THE DESIGNER. THE DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANNEX/TP1 1 SEC. 7.





TOP CHORD FILLER DETAIL

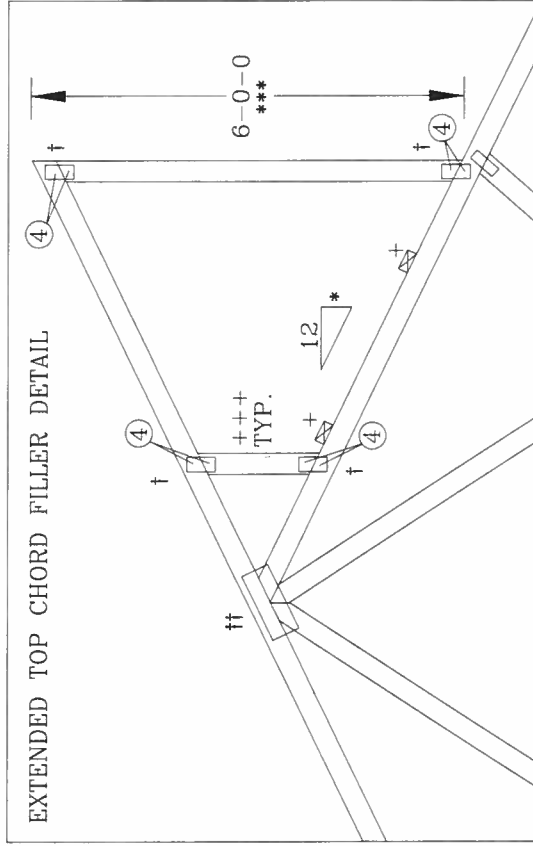
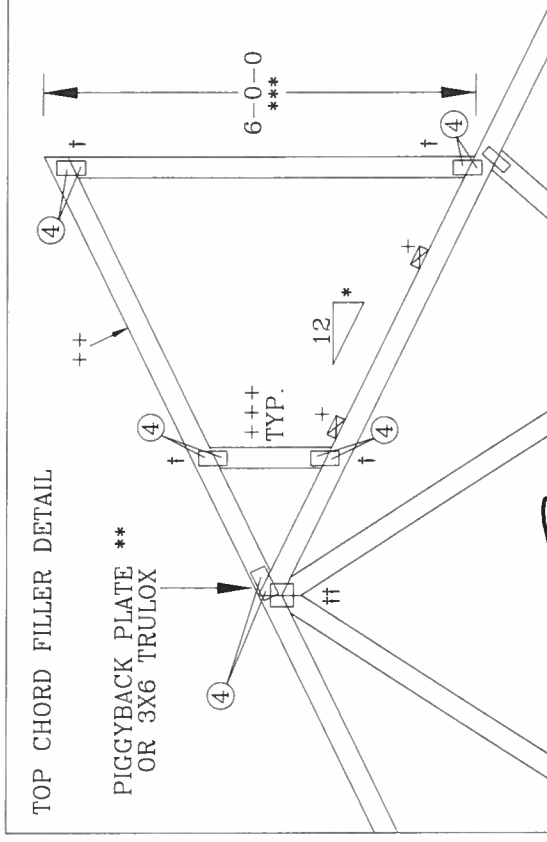
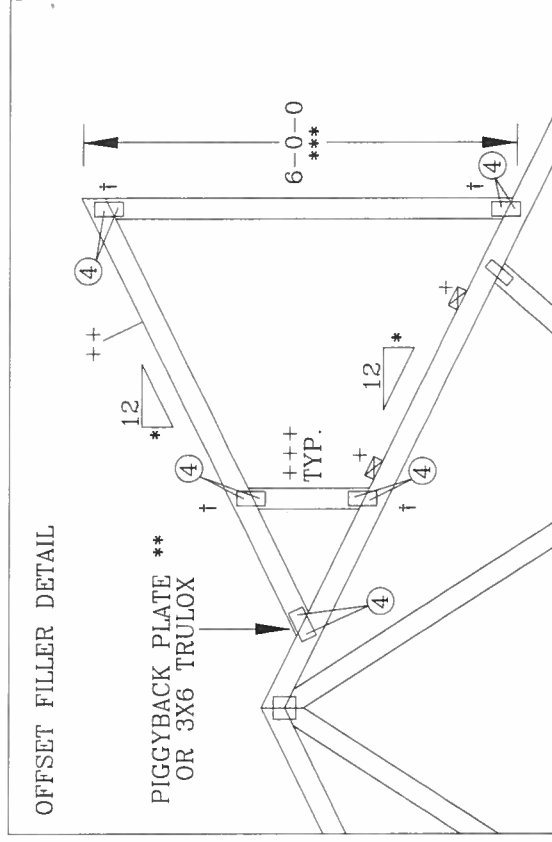
- + 2X4 CONTINUOUS LATERAL BRACING AT 24" O.C. MAXIMUM SPACING. ATTACH TO EACH TOP CHORD WITH (2) 16d COMMON (0.162"X 3.5" MIN) NAILS.
- BRACING MATERIAL TO BE SUPPLIED AND ATTACHED AT BOTH ENDS TO A SUITABLE SUPPORT BY ERECTION CONTRACTOR.
- ++ 2X4 SO. PINE #2 N OR SPF #1/#2 FILLER TOP CHORD.
- +++ 2X4 SO. PINE #3 OR SPF #1/#2 VERTICAL WEBS SPACED 48" OC MAXIMUM.
- * 8/12 MAXIMUM PITCH.
- ** 2X8.25 PIGGYBACK SPECIAL PLATE. SEE DRAWING PIGBACKB0699 FOR PIGGYBACK SPECIAL PLATE INFORMATION.

*** 6'0" MAXIMUM HEIGHT.

† W2X4 OR 3X6 TRULOX.

†† REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.

0.120"X 1.375" NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF EACH TRUSS PLY. SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS



THIS DRAWING REPLACES DRAWING 884.080

TC LL	MAX 30 PSF
TC DL	MAX 15 PSF
BC DL	MAX 10 PSF
BC LL	0 PSF
TOT. LD.	MAX 55 PSF
DUR. FAC.	1.15 OR 1.33
SPACING	24.0"

REF TC-FILLER
DATE 2/23/07
DRWG TCFILLER0207
-ENG SJP/KAR

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314) 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 COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW, BEG, 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. ITW, BEG CONNECTOR PLATES ARE MADE OF 2018/16GA (W/SS/K) ASTM A653 GRADE 40/60 (W/K/H/SS) GALVALUM. THESE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, SHALL BE APPLIED TO EACH FACE OF TRUSS. SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

BOTTOM CHORD FILLER DETAIL

* OPTIONAL INTERIOR OR CANTILEVER BEARING. MINIMUM PLATE SIZES (1X3 WAVE) MAY BE USED IF BEARING IS OMITTED. WEDGE OR VERTICAL MEMBER MUST COINCIDE WITH BEARING LOCATION.

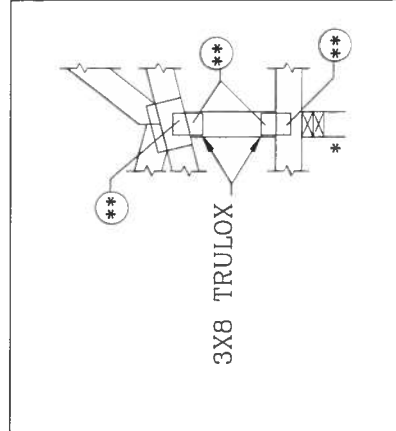
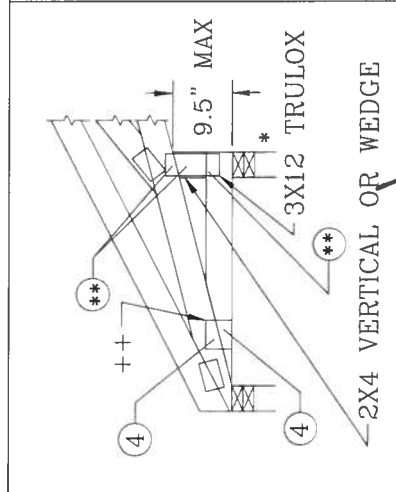
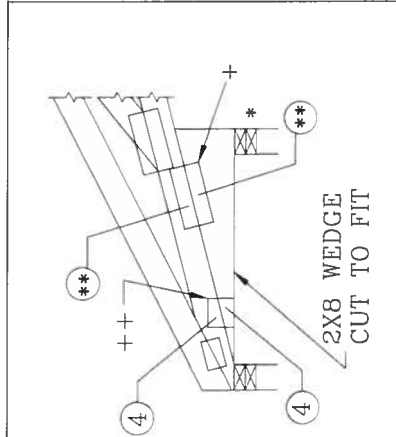
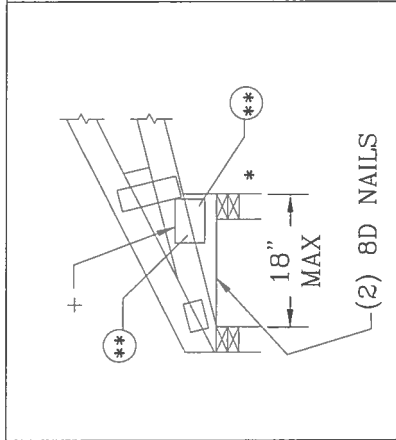
0.120" X 1.375", NAILS, REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF THE TRUSS. SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS

+ 3X4 WAVE OR 4X8 TRULOX
++ 2X4 WAVE OR 3X6 TRULOX

REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.

ALL TRULOX PLATES SHOWN ARE MINIMUMS. LARGER PLATES MAY BE REQUIRED TO ACCOMMODATE REQUIRED NAILS (**)

FILLER BOTTOM CHORD OR WEDGE SPECIES	MAXIMUM REACTION		MINIMUM BEARING AREA	** REQUIRED NAILS PER FACE WITH TRULOX PLATES				
	DOWNWARD	UPLIFT		1.00 D.O.L.	1.15 D.O.L.	1.25 D.O.L.	1.33 D.O.L.	1.60 D.O.L.
DOUGLAS FIR-LARCH	3281#	1656#	1.5" X 3.5"	12	11	10	9	8
HEM-FIR	2126#	1095#	1.5" X 3.5"	9	8	7	7	6
SPRUCE-PINE-FIR	2231#	1192#	1.5" X 3.5"	10	9	8	8	6
SOUTHERN PINE DENSE	3465#	1791#	1.5" X 3.5"	12	11	10	9	8
SOUTHERN PINE	2966#	1492#	1.5" X 3.5"	10	9	8	8	7
SOUTHERN PINE NON-DENSE	2520#	1343#	1.5" X 3.5"	9	8	7	7	6

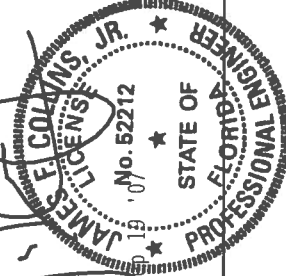


THIS DRAWING REPLACES DRAWINGS A115 A115/R & 884,132

 ALPINE BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA	TC LL	—	PSF	REF	BC FILLER
	TC DL	—	PSF	DATE	2/23/07
	BC DL	10.0	PSF	DRWG	BCFILLER0207
	BC LL	—	PSF	—	ENG DLJ/KAR
	TOT. LD.	—	PSF		
DUR. FAC. 1.0/1.15/1.25/1.33					
SPACING 24.0"					

WARNINGS TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314, 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 COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATING 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 THE ITV. BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (W/H/SS/K) ASH A653 GRADE 40/60 (W/K/H/SS). GALV. STEEL TOP PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DETAIL, ALL TRULOX PLATES TO BE USED TO SECURE THE TRUSS CHORDS TO BE PROVIDED BY THE BUILDING ENGINEER. THIS SEAL ON THIS DRAWING INDICATES THE SEALING OF THE PROFESSIONAL ENGINEER'S RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC 2.



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 DESIGN 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.

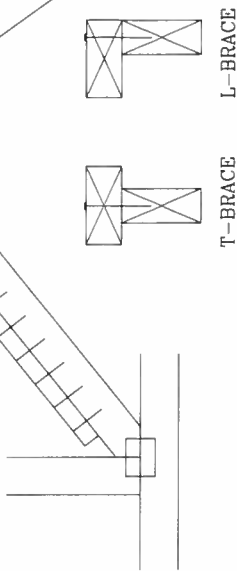
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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.

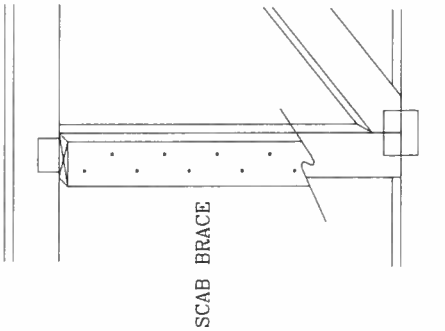
T-BRACING
OR
L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE.
ATTACH WITH 10d BOX OR GUN
(0.128"x 3." MIN) 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 BOX OR GUN
(0.128"x 3." MIN) NAILS.
AT 6" O.C. BRACE IS A MINIMUM
80% OF WEB MEMBER LENGTH

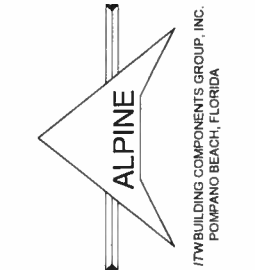


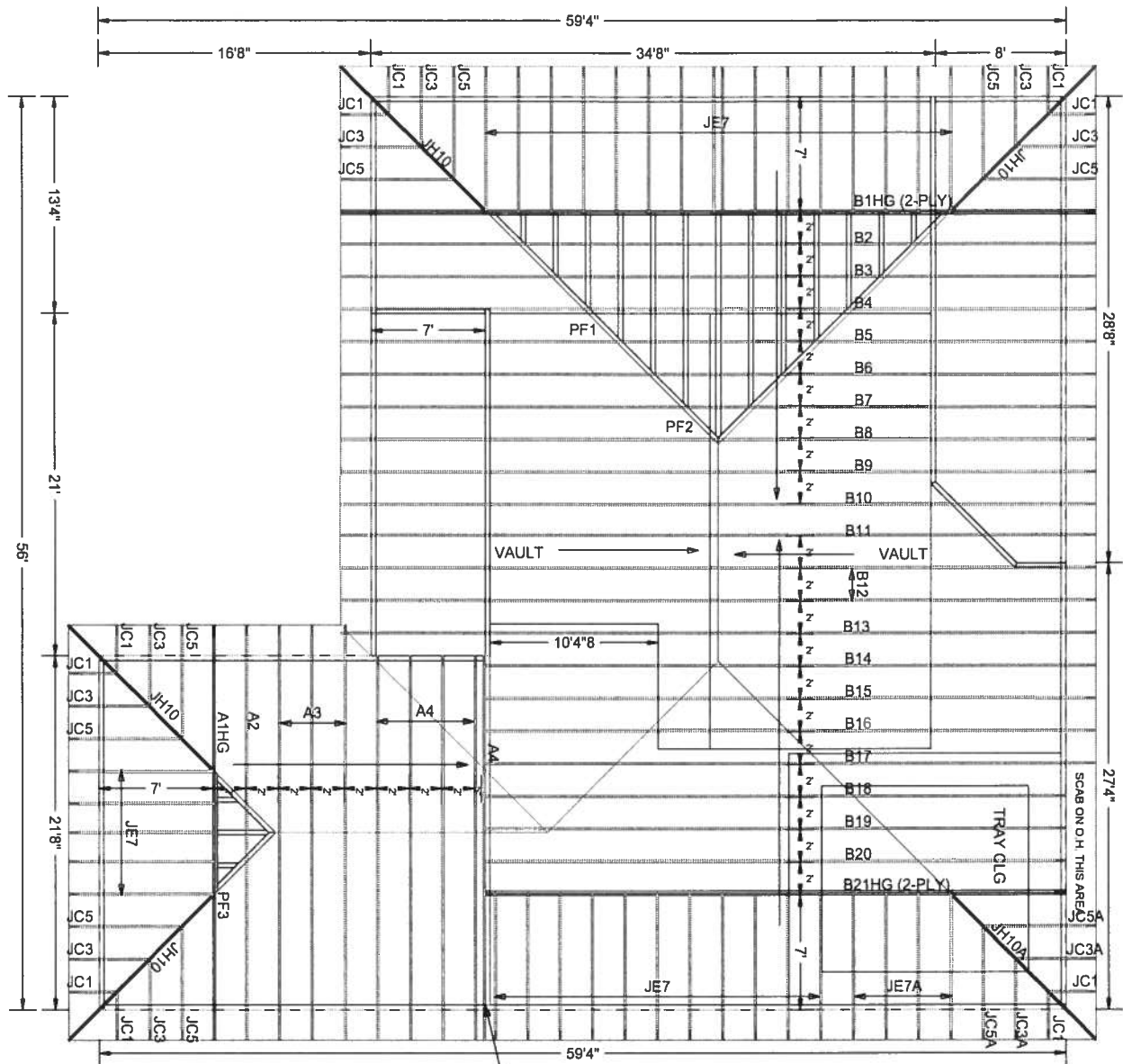
THIS DRAWING REPLACES DRAWING 579.640

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22304, AND WIGA 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. ITV BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD TO THIS DESIGN OR CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES IN DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&P) AND TPI. ITV, BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (W/H/SS/K) ASTM A653 GRADE 40/60 (W/K/H/SS) 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 DESIGN. IF THIS DESIGN IS USED FOR A TRUSS, THE DESIGNER SHALL BE RESPONSIBLE FOR THE PROPER USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	2/23/07
BC DL	PSF	DRWG	BRCBLSUB0207
BC LL	PSF	-ENG	MLH/KAR
OT. LD.	PSF		
UR. FAC.			
SPACING			





INTERIOR LOAD BEARING
WALL ADDED, 5/31/07

ROOF PITCH: 6/12
CLG PITCH: 3/12
OVERHANG: 1-10 1/2" PLUMB CUT
LOADING: 40 PSF TL/SHINGLE
WIND LOAD: 110 MPH/ENCLOSED
EXT WALLS: 2x4 FRAMING
DATE: 9-21-07

W.B. Howland Truss Co.
P.O. Box 700
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (fax)

Job Name: DALE, KATHY, & HOWARD PEE
Customer: EDGELY CONSTRUCTION
Designer: Chris McCall

JOB NO:

4913

PAGE NO:

1 OF 1