

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844

Florida Engineering Certificate of Authorization Number: 0 278

Florida Certificate of Product Approval # FL1999

Page 1 of 1 Document ID: ITC7822820305161509

Truss Fabricator: Anderson Truss Company

Job Identification: 7-311--Erkinger Home Builders Endsey -- 161 SW Discovery PL Columbia County, **

Truss Count: 56

Model Code: Florida Building Code 2004 and 2006 Supplement

Truss Criteria: ANSI/TPI-2002(STD)/FBC

Engineering Software: Alpine Software, Versions 7.36, 7.37.

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

DZ

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: HCUSR8228

Seal Date: 11/05/2007

-Truss Design Engineer-

Doug Fleming

Florida License Number: 66648

1950 Marley Drive

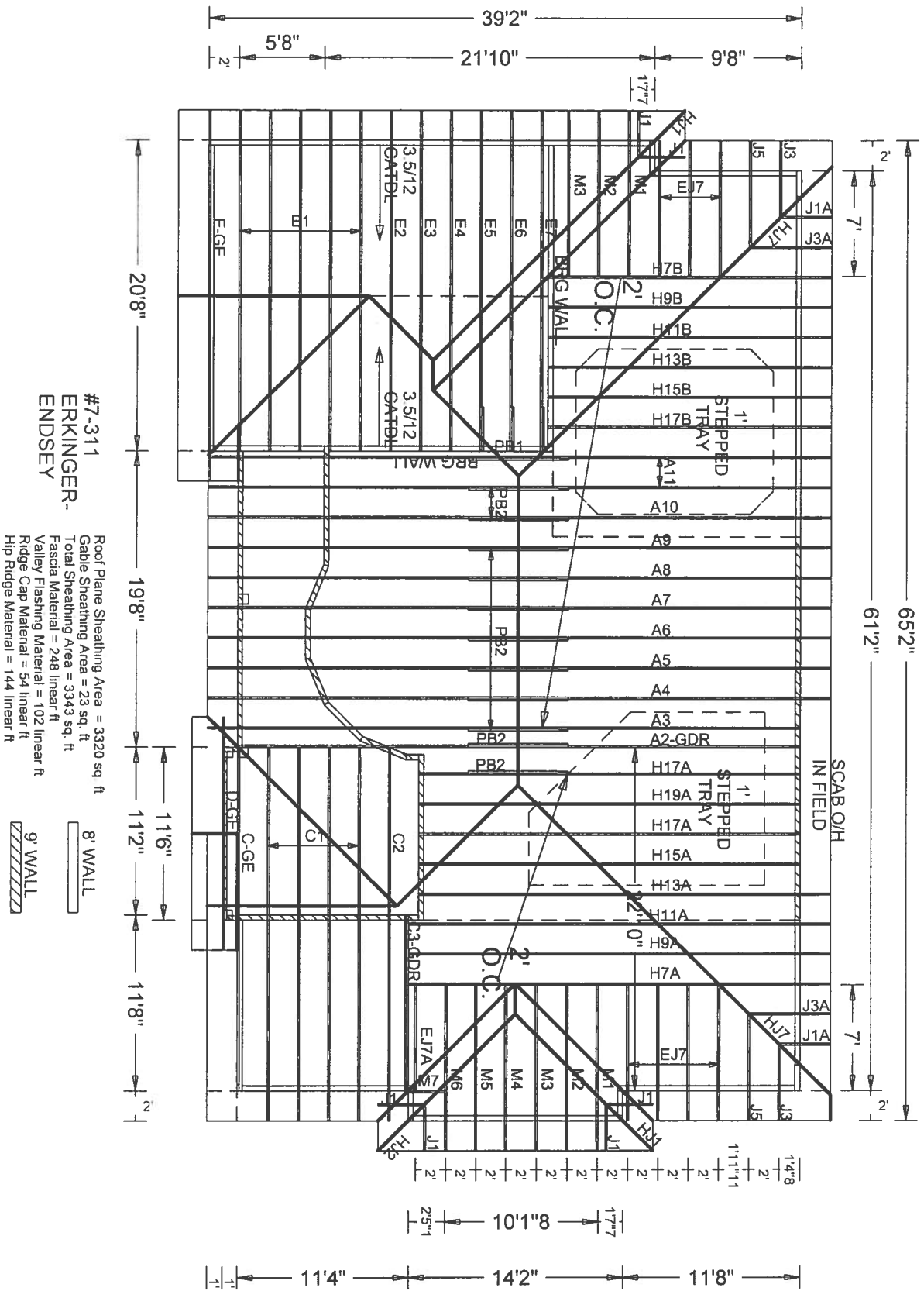
Haines City, FL 33844

Details: BRCLBSUB-TCFILLER-BCFILLER-140GC-140GS-A11015EE-GBLLETIN-PIGBACKB-

#	Ref	Description	Drawing#	Date
1	86300--H7A		07309063	11/05/07
2	86301--H9A		07309092	11/05/07
3	86302--H11A		07309093	11/05/07
4	86303--A2-GDR		07309064	11/05/07
5	86304--H13A		07309044	11/05/07
6	86305--A11		07309085	11/05/07
7	86306--A10		07309080	11/05/07
8	86307--A9		07309083	11/05/07
9	86308--A8		07309075	11/05/07
10	86309--A7		07309071	11/05/07
11	86310--A6		07309076	11/05/07
12	86311--A5		07309082	11/05/07
13	86312--A4		07309081	11/05/07
14	86313--A3		07309074	11/05/07
15	86314--H15A		07309045	11/05/07
16	86315--H17A		07309046	11/05/07
17	86316--H19A		07309047	11/05/07
18	86317--H7B		07309062	11/05/07
19	86318--H9B		07309069	11/05/07
20	86319--H11B		07309070	11/05/07
21	86320--H13B		07309067	11/05/07
22	86321--H15B		07309072	11/05/07
23	86322--H17B		07309073	11/05/07
24	86323--C3-GDR		07309064	11/05/07
25	86324--C1		07309091	11/05/07
26	86325--C2		07309090	11/05/07
27	86326--C-GE		07309043	11/05/07
28	86327--D-GE		07309054	11/05/07
29	86328--E1		07309066	11/05/07
30	86329--E-GE		07309087	11/05/07
31	86330--E2		07309048	11/05/07
32	86331--E3		07309079	11/05/07
33	86332--E4		07309086	11/05/07
34	86333--E5		07309084	11/05/07
35	86334--E6		07309077	11/05/07
36	86335--E7		07309068	11/05/07

#	Ref	Description	Drawing#	Date
37	86336--J3		07309055	11/05/07
38	86337--HJ7		07309050	11/05/07
39	86338--J5		07309053	11/05/07
40	86339--EJ7		07309056	11/05/07
41	86340--J1		07309063	11/05/07
42	86341--HJ2		07309065	11/05/07
43	86342--HJ1		07309060	11/05/07
44	86343--J1A		07309052	11/05/07
45	86344--J3A		07309051	11/05/07
46	86345--EJ7A		07309057	11/05/07
47	86346--M1		07309049	11/05/07
48	86347--M7		07309060	11/05/07
49	86348--M6		07309061	11/05/07
50	86349--M2		07309058	11/05/07
51	86350--M3		07309059	11/05/07
52	86351--M4		07309061	11/05/07
53	86352--M5		07309062	11/05/07
54	86353--PB4		07309089	11/05/07
55	86354--PB2		07309078	11/05/07
56	86355--PB1		07309088	11/05/07



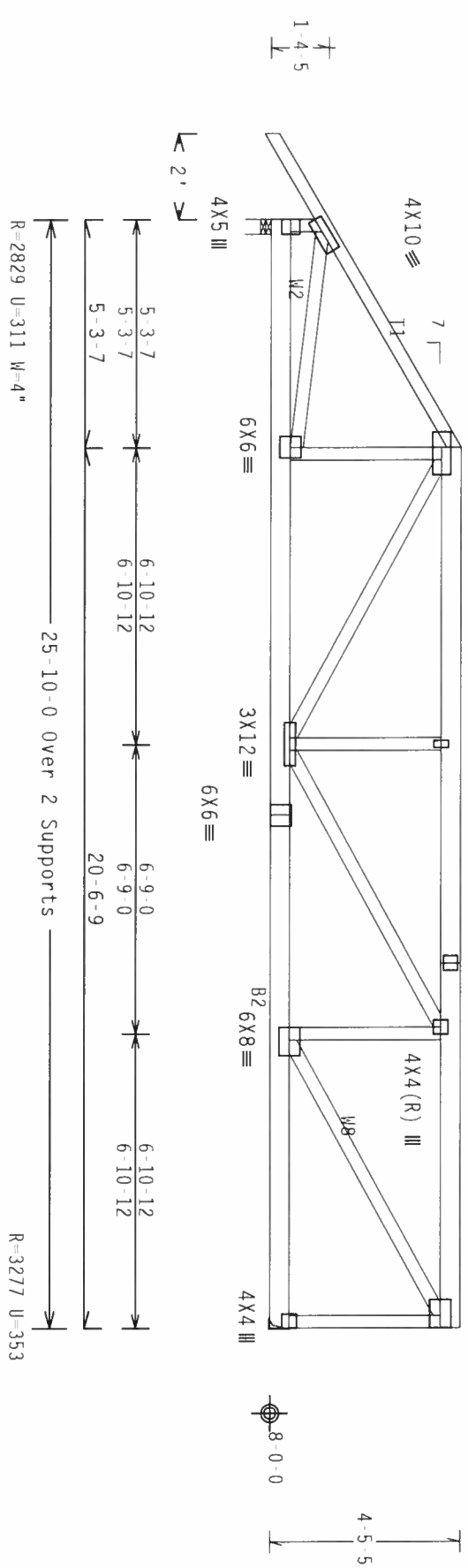


Top chord 2x6 SP #2 :T1 2x4 SP #2 Dense:
Bot chord 2x6 SP #2 :B2 2x6 SP #1 Dense:
Webs 2x4 SP #3 :W2, W8 2x4 SP #2 Dense:

SPECIAL LOADS

LUMBER		DUR.FAC.=1.25	/	PLATE	DUR.FAC.=1.25)
TC	From 63 PLF at -2.00 to 63 PLF at 5.29				
TC	From 63 PLF at 5.29 to 63 PLF at 25.83				
BC	From 5 PLF at -2.00 to 5 PLF at 0.00				
BC	From 20 PLF at 0.00 to 20 PLF at 25.83				
TC	429 LB Conc. Load at 5.29				
TC	185 LB Conc. Load at 7.35,				
TC	206 LB Conc. Load at 13.35				
TC	150 LB Conc. Load at 17.35				
TC	136 LB Conc. Load at 19.35				
TC	171 LB Conc. Load at 21.35				
TC	126 LB Conc. Load at 23.35				
TC	197 LB Conc. Load at 25.35				
BC	169 LB Conc. Load at 5.29				
BC	77 LB Conc. Load at 7.35,				
BC	190 LB Conc. Load at 13.35				
BC	167 LB Conc. Load at 15.35				
BC	200 LB Conc. Load at 17.35				
BC	215 LB Conc. Load at 19.35				
BC	179 LB Conc. Load at 21.35				
BC	229 LB Conc. Load at 23.35				
BC	88 LB Conc. Load at 25.35				

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. $I_w=1.00$ $G_{CPI}(+/-)=0.18$
Wind reactions based on MMFRS pressures.
Right end vertical not exposed to wind pressure.
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

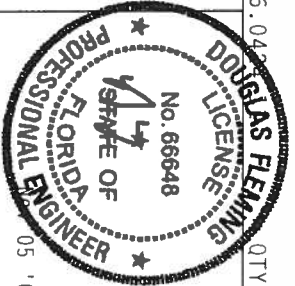


PLT TYP. Wave Design Crtt: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0.0)

WARNING TRUSSES BEARING EXISTING LOADS IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY THE TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WEA (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. 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 A BRACING OF TRUSSES.

DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AREA) AND TPI. ITW BCG CONSTRUCTION PLANS ARE BASED ON 20/10/10GA (W/55%) ASH K635 GRADE 40/60 (W, K20/55) GALV. STEEL. APPLY FACTORS TO DESIGN OF TRUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A, 2, 100B, 100C, 100D, 100E, 100F, 100G, 100H, 100I, 100J, 100K, 100L, 100M, 100N, 100O, 100P, 100Q, 100R, 100S, 100T, 100U, 100V, 100W, 100X, 100Y, 100Z, 100AA, 100AB, 100AC, 100AD, 100AE, 100AF, 100AG, 100AH, 100AI, 100AJ, 100AK, 100AL, 100AM, 100AN, 100AO, 100AP, 100AQ, 100AR, 100AS, 100AT, 100AU, 100AV, 100AW, 100AX, 100AY, 100AZ, 100BA, 100BB, 100BC, 100BD, 100BE, 100BF, 100BG, 100BH, 100BI, 100BJ, 100BK, 100BL, 100BM, 100BN, 100BO, 100BP, 100BQ, 100BR, 100BS, 100BT, 100BU, 100BV, 100BW, 100BX, 100BY, 100BZ, 100CA, 100CB, 100CC, 100CD, 100CE, 100CF, 100CG, 100CH, 100CI, 100CJ, 100CK, 100CL, 100CM, 100CN, 100CO, 100CP, 100CQ, 100CR, 100CS, 100CT, 100CU, 100CV, 100CW, 100CX, 100CY, 100CZ, 100DA, 100DB, 100DC, 100DD, 100DE, 100DF, 100DG, 100DH, 100DI, 100DJ, 100DK, 100DL, 100DM, 100DN, 100DO, 100DP, 100DQ, 100DR, 100DS, 100DT, 100DU, 100DV, 100DW, 100DX, 100DY, 100DZ, 100EA, 100EB, 100EC, 100ED, 100EE, 100EF, 100EG, 100EH, 100EI, 100EJ, 100EK, 100EL, 100EM, 100EN, 100EO, 100EP, 100EQ, 100ER, 100ES, 100ET, 100EU, 100EV, 100EW, 100EX, 100EY, 100EZ, 100FA, 100FB, 100FC, 100FD, 100FE, 100FF, 100FG, 100FH, 100FI, 100FJ, 100FK, 100FL, 100FM, 100FN, 100FO, 100FP, 100FQ, 100FR, 100FS, 100FT, 100FU, 100FV, 100FW, 100FX, 100FY, 100FZ, 100GA, 100GB, 100GC, 100GD, 100GE, 100GF, 100GG, 100GH, 100GI, 100GJ, 100GK, 100GL, 100GM, 100GN, 100GO, 100GP, 100GQ, 100GR, 100GS, 100GT, 100GU, 100GV, 100GW, 100GX, 100GY, 100GZ, 100HA, 100HB, 100HC, 100HD, 100HE, 100HF, 100HG, 100HH, 100HI, 100HJ, 100HK, 100HL, 100HM, 100HN, 100HO, 100HP, 100HQ, 100HR, 100HS, 100HT, 100HU, 100HV, 100HW, 100HX, 100HY, 100HZ, 100IA, 100IB, 100IC, 100ID, 100IE, 100IF, 100IG, 100IH, 100II, 100IJ, 100IK, 100IL, 100IM, 100IN, 100IO, 100IP, 100IQ, 100IR, 100IS, 100IT, 100IU, 100IV, 100IW, 100IX, 100IY, 100IZ, 100JA, 100JB, 100JC, 100JD, 100JE, 100JF, 100JG, 100JH, 100JI, 100JJ, 100JK, 100JL, 100JM, 100JN, 100JO, 100JP, 100JQ, 100JR, 100JS, 100JT, 100JU, 100JV, 100JW, 100JX, 100JY, 100JZ, 100KA, 100KB, 100KC, 100KD, 100KE, 100KF, 100KG, 100KH, 100KI, 100KJ, 100KK, 100KL, 100KM, 100KN, 100KO, 100KP, 100KQ, 100KR, 100KS, 100KT, 100KU, 100KV, 100KW, 100KX, 100KY, 100KZ, 100LA, 100LB, 100LC, 100LD, 100LE, 100LF, 100LG, 100LH, 100LI, 100LJ, 100LK, 100LL, 100LM, 100LN, 100LO, 100LP, 100LQ, 100LR, 100LS, 100LT, 100LU, 100LV, 100LW, 100LX, 100LY, 100LZ, 100MA, 100MB, 100MC, 100MD, 100ME, 100MF, 100MG, 100MH, 100MI, 100MJ, 100MK, 100ML, 100MN, 100MO, 100MP, 100MQ, 100MR, 100MS, 100MT, 100MU, 100MV, 100MW, 100MX, 100MY, 100MZ, 100NA, 100NB, 100NC, 100ND, 100NE, 100NF, 100NG, 100NH, 100NI, 100NJ, 100NK, 100NL, 100NM, 100NO, 100NP, 100NQ, 100NR, 100NS, 100NT, 100NU, 100NV, 100NW, 100NX, 100NY, 100NZ, 100OA, 100OB, 100OC, 100OD, 100OE, 100OF, 100OG, 100OH, 100OI, 100OJ, 100OK, 100OL, 100OM, 100ON, 100OO, 100OP, 100OQ, 100OR, 100OS, 100OT, 100OU, 100OV, 100OW, 100OX, 100OY, 100OZ, 100PA, 100PB, 100PC, 100PD, 100PE, 100PF, 100PG, 100PH, 100PI, 100PJ, 100PK, 100PL, 100PM, 100PN, 100PO, 100PP, 100PQ, 100PR, 100PS, 100PT, 100PU, 100PV, 100PW, 100PX, 100PY, 100PZ, 100QA, 100QB, 100QC, 100QD, 100QE, 100QF, 100QG, 100QH, 100QI, 100QJ, 100QK, 100QL, 100QM, 100QN, 100QO, 100QP, 100QQ, 100QR, 100QS, 100QT, 100QU, 100QV, 100QW, 100QX, 100QY, 100QZ, 100RA, 100RB, 100RC, 100RD, 100RE, 100RF, 100RG, 100RH, 100RI, 100RJ, 100RK, 100RL, 100RM, 100RN, 100RO, 100RP, 100RQ, 100RR, 100RS, 100RT, 100RU, 100RV, 100RW, 100RX, 100RY, 100RZ, 100SA, 100SB, 100SC, 100SD, 100SE, 100SF, 100SG, 100SH, 100SI, 100SJ, 100SK, 100SL, 100SM, 100SN, 100SO, 100SP, 100SQ, 100SR, 100SS, 100ST, 100SU, 100SV, 100SW, 100SX, 100SY, 100SZ, 100TA, 100TB, 100TC, 100TD, 100TE, 100TF, 100TG, 100TH, 100TI, 100TJ, 100TK, 100TL, 100TM, 100TN, 100TO, 100TP, 100TQ, 100TR, 100TS, 100TT, 100TU, 100TV, 100TW, 100TX, 100TY, 100TZ, 100UA, 100UB, 100UC, 100UD, 100UE, 100UF, 100UG, 100UH, 100UI, 100UJ, 100UK, 100UL, 100UM, 100UN, 100UO, 100UP, 100UQ, 100UR, 100US, 100UT, 100UU, 100UV, 100UW, 100UX, 100UY, 100UZ, 100VA, 100VB, 100VC, 100VD, 100VE, 100VF, 100VG, 100VH, 100VI, 100VJ, 100VK, 100VL, 100VM, 100VN, 100VO, 100VP, 100VQ, 100VR, 100VS, 100VT, 100VU, 100VV, 100VW, 100VX, 100VY, 100VZ, 100WA, 100WB, 100WC, 100WD, 100WE, 100WF, 100WG, 100WH, 100WI, 100WJ, 100WK, 100WL, 100WM, 100WN, 100WO, 100WP, 100WQ, 100WR, 100WS, 100WT, 100WU, 100WV, 100WW, 100WX, 100WY, 100WZ, 100XA, 100XB, 100XC, 100XD, 100XE, 100XF, 100XG, 100XH, 100XI, 100XJ, 100XK, 100XL, 100XM, 100XN, 100XO, 100XP, 100XQ, 100XR, 100XS, 100XT, 100XU, 100XV, 100XW, 100XX, 100XY, 100XZ, 100YA, 100YB, 100YC, 100YD, 100YE, 100YF, 100YG, 100YH, 100YI, 100YJ, 100YK, 100YL, 100YM, 100YN, 100YO, 100YP, 100YQ, 100YR, 100YS, 100YT, 100YU, 100YV, 100YW, 100YX, 100YY, 100YZ, 100ZA, 100ZB, 100ZC, 100ZD, 100ZE, 100ZF, 100ZG, 100ZH, 100ZI, 100ZJ, 100ZK, 100ZL, 100ZM, 100ZN, 100ZO, 100ZP, 100ZQ, 100ZR, 100ZS, 100ZT, 100ZU, 100ZV, 100ZW, 100ZX, 100ZY, 100ZZ



<div>ITW Building Components Group, Inc. Haines City, FL 33844 FL 33844</div> <div>ALPINE</div> <div>QTY: 1 FL / - / 4 / - / - / R / - Scale = .25" / Ft.</div>		<div><div><div>DO NOT WRITE IN THESE SPACES</div><div>NO. 66648</div><div>STATE OF FLORIDA</div><div>PROFESSIONAL ENGINEER</div></div><div>05 / 07</div></div>	
TC LL	20.0 PSF	REF	R8228- 86300
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCUSR8228 07309063
BC LL	0.0 PSF	HC-ENG DF/DF	
TOT.LD.	40.0 PSF	SEQN-	59154
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JRFF-	1TC78228203

H9A)

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

Wind reactions based on MIFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.



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

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

7.36.0424

QTY:1 FL/-/4/-/-/R/-

Scale = .25"/Ft.

*****WARNING***** FRAMES OF BUILDING EXHIBIT CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO GC51 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY IP1 (FRAMES PLATE INSTITUTE), 218 NORTH 1ST STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND 8000 BRASS COUNTRY OF AMERICA, 65000 CIRCLEPARK LANE, SUITE 510, #5170 FOR SAFETY PRACTICES AND TIPS 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. ITH BCG, INC. SHALL NOT**

FP1: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

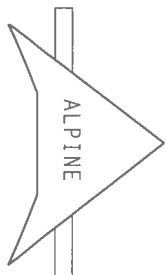
PLATES TO EACH FACE OF BRASS AND WIRELESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A 2

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

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 7.

1553

ITW Building Components Group, Inc.
Haines City, FL 33844
FL 00000-0000



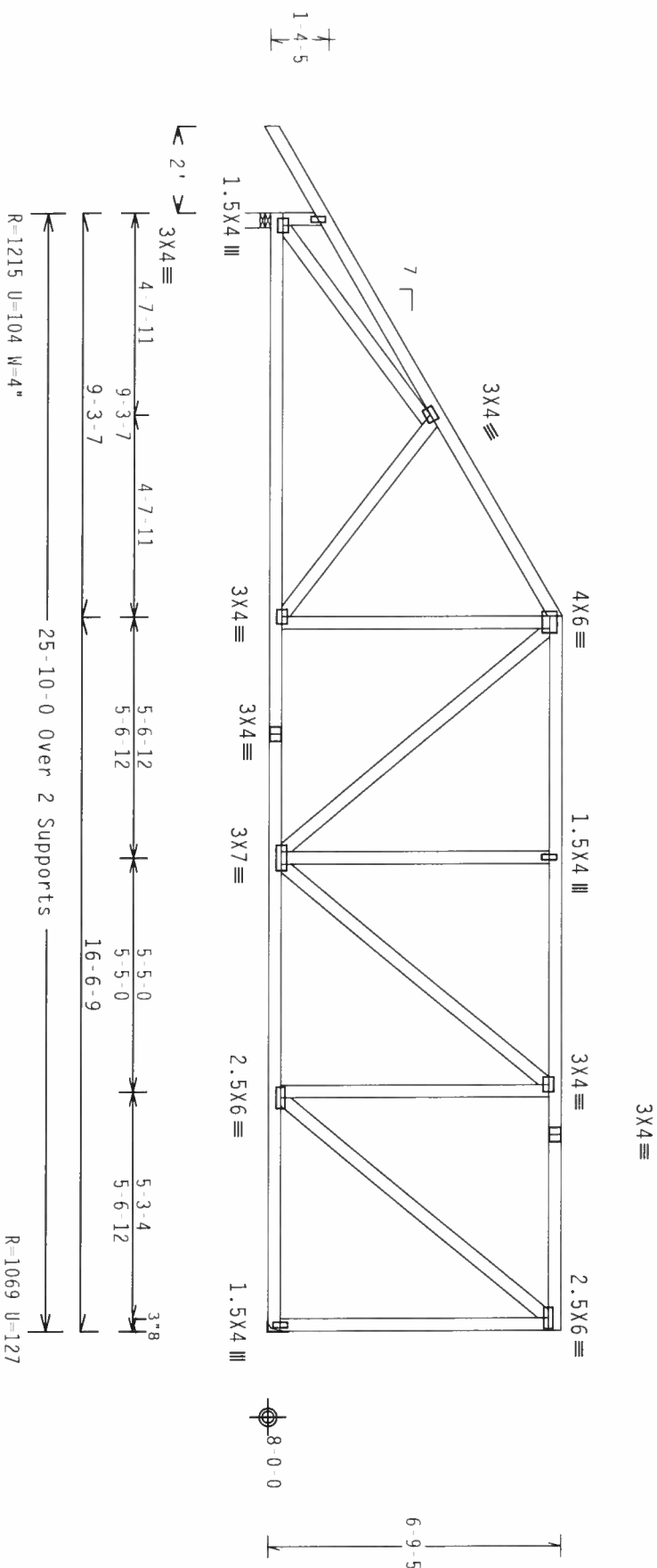
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TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCU8R8228 07309092
BC LL	0.0 PSF	HC-ENG DF/DF	
TOT.LD.	40.0 PSF	SEQN-	58461
DUR.FAC.	1.25	FROM AH	
SPACING	24.0"	JRFF-	1TC78228Z03

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

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

Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.

Deflection meets $L/240$ live and $L/180$ 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)

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

7.36.04-4185 FILED QT

QTY:1 FL/-/4/-/-/R/-

Scale = .25"/Ft.

***HARN NCS** - HARN'S BUILDING EXTRACT CASE IN FORMATION, HANDING, SHIPPING, INSTALLING AND BRACING REFER TO NCSC (BUILDING COMPONENT SAFETY INFORMATION) - PURLIN SHIP BY TEL (FURNACE PLANT, DISTRICT), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND ECTA (WOOD TRUSS COMPANY) OF ADDRESS, 6500 FORTHERST LANE, SUITE #150, AL 35179 FOR SAFETY PRESENTATIONS PRIOR TO PERFORMING THESE FUNCTIONS. OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

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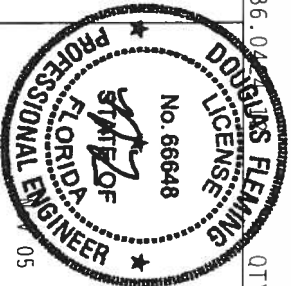
BE RESPONSIBLE FOR ANY DETAIL ON THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE SPECIFICATIONS, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

D.5.1.6.8 CONFORMS WITH APPLICABLE PROVISIONS OF IIDS (NATIONAL DESIGN SPEC., BY AFTRA) AND IPT. THE DCG CONNECTOR PLATES ARE MADE OF 20/18/166A (H, U, SS/K) ASTM A653 GRADE: 40/60 (H, K/U, SS) GALV. SIFIL. APPLY

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

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

BUILDING DESIGNER PER ANSI/API 1 SEC 2.



ALPINE

TC LL	20.0 PSF	REF	R8228- 86302
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCSUR8228 07309093
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	58467
DUR.EAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1TC78228203

[illegible]

SPECIAL LOADS

(LUMBER DUR. FAC. = 1.25 / PLATE DUR. FAC. = 1.25)

C2 DUR. FAC. = 1.00
C3 DUR. FAC. = 1.00

TC - From	63 PLF at 21.88 to	63 PLF at 37.17
BC - From	20 PLF at 0.00 to	20 PLF at 2.33
BC - From	20 PLF at 2.33 to	20 PLF at 17.83
EC - From	20 PLF at 17.83 to	20 PLF at 37.17

PLB- 451 LB Conc. Load at (29.10,9.04), (31.10,9.04), (33.10,9.04)
 PLB- 1000 LB Conc. Load at (29.10,9.04), (31.10,9.04), (33.10,9.04)

[illegible]

With 8d Box or Gun (0.113"x2.5" min.) nails @ 6" OC.



Scale = .1875"/Ft.

043115 01
DOUGLAS FLEMING
LICENSE
No. 66648

5

STATE OF

NOT A REVENUE

05

03
REGIONAL EMERGENCY

TC LL	20.0 PSF	REF	R8228 - 86303
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCUSR8228 07309064
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	58857
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF-	1TC78228203

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

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

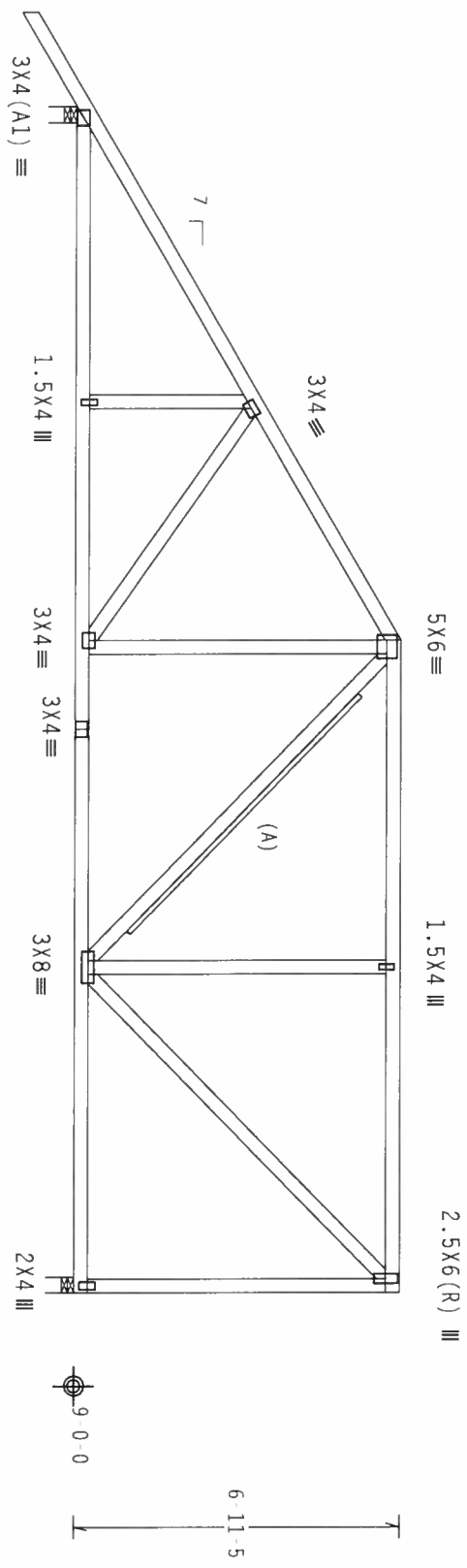
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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. $I_w=1.00$ $GCP(1+/-)=0.18$

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



6-2-14 5-0-9 6-11-5 6-11-5 13-10-9 6-11-5 6-11-5
11-3-7 25-2-0 Over 2 Supports
R=1194 U=98 W=4"

PLT TYP. Wave Design Crit: TPI-2002(STD)/FBC

QTY: 1 FL/-/4/-/R/-

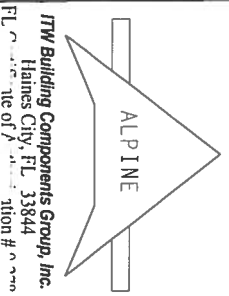
Scale = .25"/ft.

WARNING TRUSSES require EXTERIOR WALL FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING prior to being used. (BUILDING COMPONENT SAFETY INFORMATION) - PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND MICA (GOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

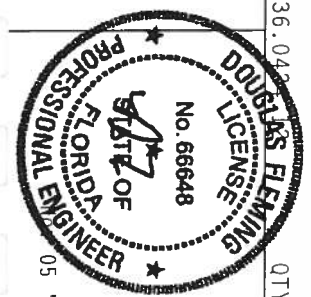
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF 2002 NATIONAL DESIGN SPEC. BY AREA) AND TPI. THE BCG CORRELATION PLATES ARE MADE OF 20/18/16GA (W/H/S/S) WITH A653 GRADE 40/60 (W, R/H/S/S) GALV. STEEL. APPLY ANY INSULATION TO THE INSIDE OF THE TRUSS. THE TRUSS SHALL BE INSTALLED PER DRAWINGS 100A, 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.

BRACING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. THE TRUSS COMPONENT DESIGN SHOWS 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
Attention # 0000



TC LL	20.0 PSF	REF	R8228 - 86304
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCUSR8228 07309044
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEON-	58548
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TC78228Z03

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. 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. $I_w=1.00$ $G_{CPI}(+/-)=0.55$

Wind reactions based on MWFRS pressures.

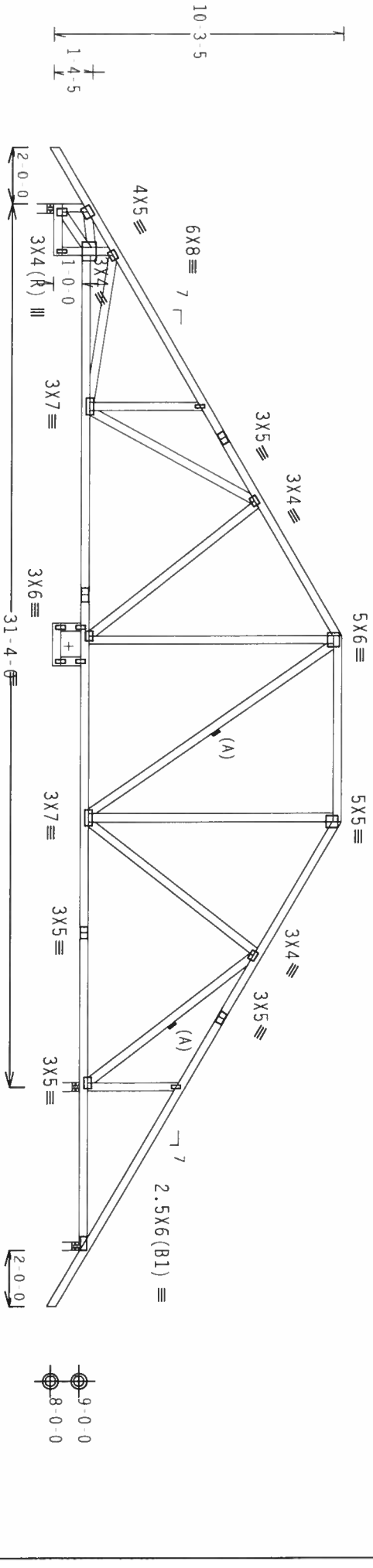
See DWGS TCFILLER0207 and BCFILLER0207 for filler details.

Laterally brace BC at 24" OC in lieu of rigid ceiling. Laterally brace BC above filler at 24" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

+ Laterally brace BC above filler @ 24" O.C.
Including a lateral brace at chord ends.

(A) Continuous lateral bracing equally spaced on member.
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.




10'-3.5"
1'-4.5"
1'-10.0"
5'-5.12"
3'-4.2"
8'-3.3"
4'-9.5"
6'-7.2"
6'-3.10"
4'-9.5"
9'-7.3"
4'-8.2"
5'-10.0"
5'-10.0"
15'-3.7"
35'-4.0"
37'-2.0 Over 3 Supports

R=1396 U=297 W=4"
R=1769 U=400 W=4"
R=197 U=69 W=3.5"

Note: All Plates Are 1.5X4 Except As Shown.

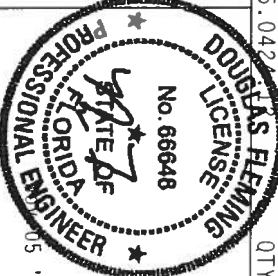
PLT TYP. Wave Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/0(0) 7.36.042

WARNING THESE BUILDING EXISTING CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND UNLOADING. THE TRUSS COMPANY SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TRUSS COMPANY'S DESIGN SHALL BE THE RESPONSIBILITY OF THE TRUSS COMPANY. THE TRUSS COMPANY SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TRUSS COMPANY'S DESIGN SHALL BE THE RESPONSIBILITY OF THE TRUSS COMPANY. THE TRUSS COMPANY SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TRUSS COMPANY'S DESIGN SHALL BE THE RESPONSIBILITY OF THE TRUSS COMPANY.



ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
Tel: 888-444-4444 ext. 1000



DOUGLAS FLEMING
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER

QTY: 1 FL/-/4/-/R/-

TC LL	20.0 PSF	REF	R8228 - 86305
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCSR8228 07309085
BC LL	0.0 PSF	HC - ENG	DF/DF
TOT. LD.	40.0 PSF	SEON	58702
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF	1TC78278203

**) A10)

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. 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 (+/-)=0.55

Wind reactions based on MIFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

at TC @ 24"



Design Crit: TPI-2002(STD)/FBC

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

7.36.042

QTY:1

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

Scale = .1875"/Ft.

DOUGLAS
LICENSE
No. 66648

REF	R8228 - 86306
DATE	11/05/07

BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE SPECIFICATIONS, OR FOR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

05

SPACING 24.0"

JRFF - 1TC78228Z03

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

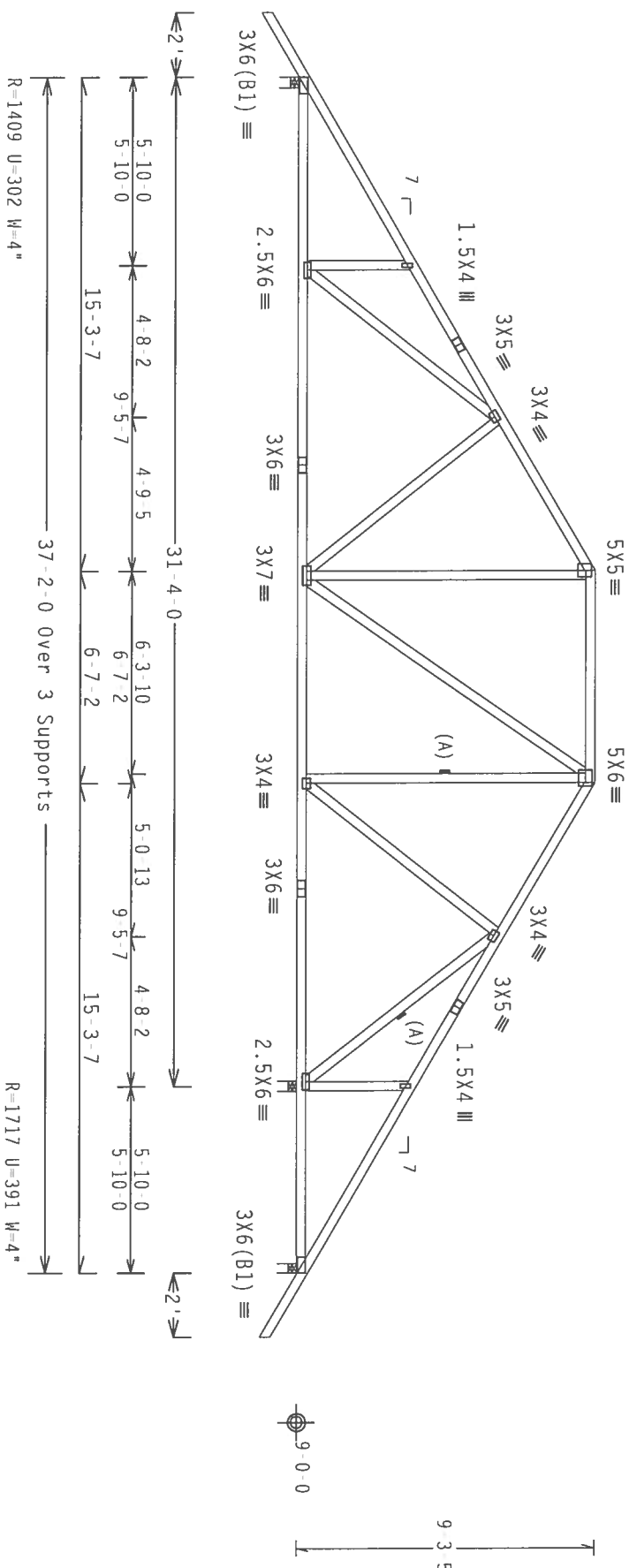
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 gcpi(+/-)=0.55

(A) Continuous lateral bracing equally spaced on member.

Wind reactions based on MWFRS pressures.

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

Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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

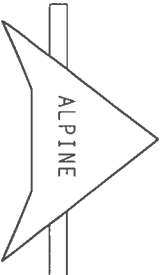
 $Cq/RT=1.00(1.25)/0(0)$

7.36.042

QTY:1

FL/14/1/R/

Scale = .1875"/Ft.

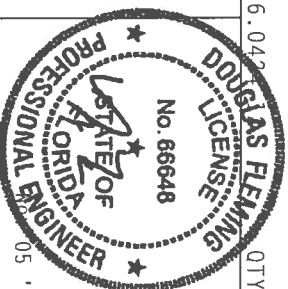


ITW Building Components Group, Inc.
Haines City, FL 33844

WARNING THIS MESSAGE CONTAINS INFORMATION THAT MAY BE UNCLASSIFIED OR IN THE PROCESS OF BEING DECLASSIFIED. IT IS THE POLICY OF THE NATIONAL ARCHIVES TO MAKE SUCH INFORMATION AVAILABLE TO THE PUBLIC. IT IS REQUESTED THAT YOU NOT DISSEMINATE THIS INFORMATION TO OTHERS WITHOUT THE APPROPRIATE AUTHORITY. IF YOU HAVE ANY QUESTIONS OR COMMENTS, PLEASE CONTACT THE NATIONAL ARCHIVES AT (301) 837-1100.

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

DESIGN CONDITIONS FOR APPLICABLE PORTIONS OF MODULAR BUILDING SPEC. BY (ARPA) AND TPI. CONNECTION PLATES ARE MADE OF 2010/166A (H-H/55/VE) ASTM A563 GRADE 50/60 (H-H/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF THUSMS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS ITEM 2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER. AMEX A3 OF TPI/11.2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SIGNED FOR THE THUSMS COMPONENT/DESIGN SIGNATURE. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMST/TP1 SEC.2.



05.07

TC LL	20.0 PSF	REF	R8228- 86307
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCU8R8228 07309083
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	58720
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF-	1TC7R228Z03

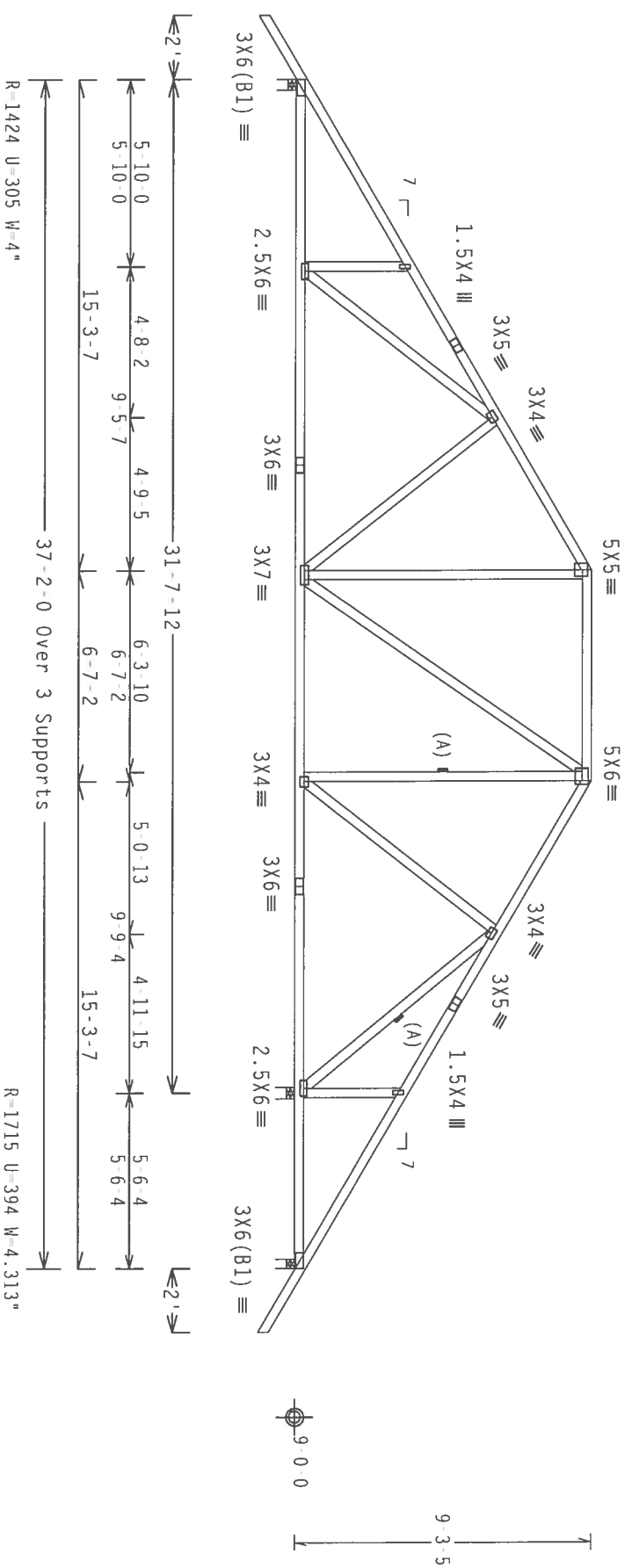
Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense
Webbs	2x4	SP	#3	

(A) Continuous lateral bracing equally spaced on member.

Wind reactions based on MFRS pressures.

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

Deflection meets $L/240$ live and $L/180$ 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)/

7.36.04-4
QTY:1 FL/-/4/-/-/R/-

Scale = .1875"/Ft.

WARNING— IF THESE REQUIREMENTS ARE VIOLATED, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO DESIGN (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE FEDERAL BUREAU OF INVESTIGATION, 218 NORTH 1ST STREET, SUITE 212, ARLINGTON, VA, 22201-4302 AND THE NATIONAL FIRE PROTECTION ASSOCIATION, 1190 LEXINGTON AVENUE, NEW YORK, NY 10017-2501 FOR SAFETY PRACTICES, PRIOR TO PERFORMING THE STRUCTURAL WORKS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PURLINS, AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLULOSE.


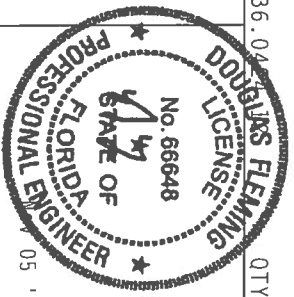
****IMPORTANT*****TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TTM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY MODIFICATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE HOUSE IN COMPLIANCE WITH

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AWS (NATIONAL DESIGN SPEC., BY AREA) AND TP-1. OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES.

CONNECTOR PLATES ARE MADE OF 20/19/1664 (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 ANEX A3 OF IPI 2002 S.C.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE ABOVE COMPONENT

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



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Registration # 0000000000

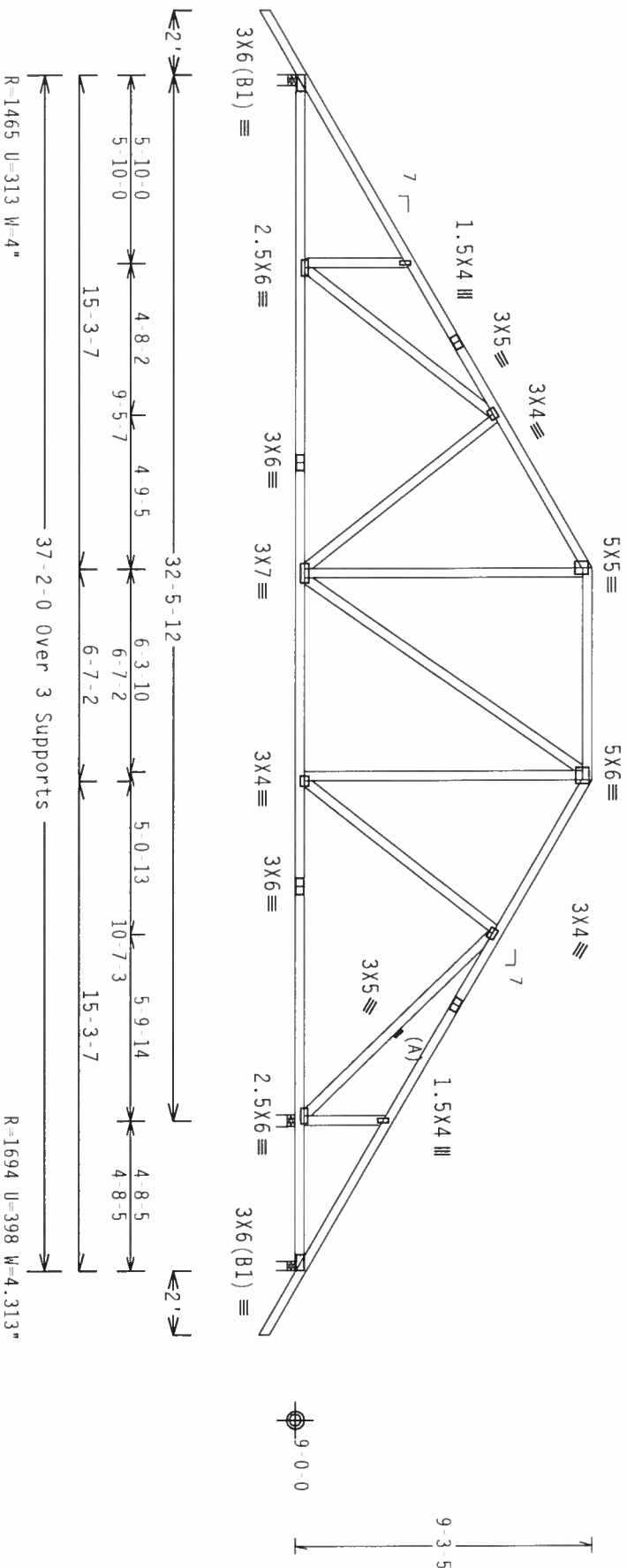
TC LL	20.0 PSF	REF	R8228- 86308
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	H0508228 07309075
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEON-	58733
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF-	1TC78228Z03

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. 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(+/-)=0.55

Wind reactions based on MIFRS pressures.

Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.



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

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

7.36.042

QTY:1

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

Scale = .1875"/Ft.

***WARNING:** THESE PAGES REQUIRE EXTENSIVE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND PROTECTING TO MEET QUALITY CONTROL REQUIREMENTS. CONTACT THE MANUFACTURER FOR THE FOLLOWING INFORMATION: PUBLISHED BY THE GIBBS PAPER INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 (GOOD TRUSS COMPANY OF AMERICA, 630000, ENTERPRISE LANE, INDIANAPOLIS, IN 46139) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNDERSIDES INDICATED FOR GIRDERS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM GIRDERS SHALL HAVE PROPERLY ATTACHED GRID CEILING.

DOUGLAS FLEMING
LICENSE
No. 66648

TC LL	20.0 PSF	REF	R8228 - 86309
TC DL	10.0 PSF	DATE	11/05/07

ALPINE

ITW Building Components Group, Inc.

11W Building Components Group
Haines City, FL 33844

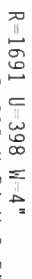
JAMES CITY, VA 22074
TEL 703-698-1111 ext # 2070

A6)

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. 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. $I_w=1.00$ $G C P I (+/-)=0.55$

Wind reactions based on MWRFS pressures.

Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.



Scale = .1875"/Ft.

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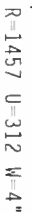
JRFF- 1TC78728Z03

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, PART. ENC. 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(+/-)=0.55

Wind reactions based on MWRFS pressures.

Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.



R=1700 U=397 W=4.313"

 $R=205 \quad U=53 \quad W=3.5$

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

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

7.36.042

QTY:1

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

Scale = .1875"/Ft.

WARNING: THESE RESULTS REQUIRE CARE IN INTERPRETATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BEST AVAILABLE COMBUSTION SAFETY INFORMATION. PUBLISHED BY IFI (FIRSS PAPER INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WICA (WOOD TRUSS COUNCIL OF AMERICA), 6500 ROCK ENTERPRISE LANE, MIDDLETOWN, MI 48301 FOR SAFETY PRACTICES PRIOR TO GOODPASTER THESE FUNCTIONS, OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
Tel. 888-444-4444



TC LL	20.0 PSF	REF	R8228- 86311
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCSUR8228 07309082
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	58763
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	URFF-	1TC78228Z03

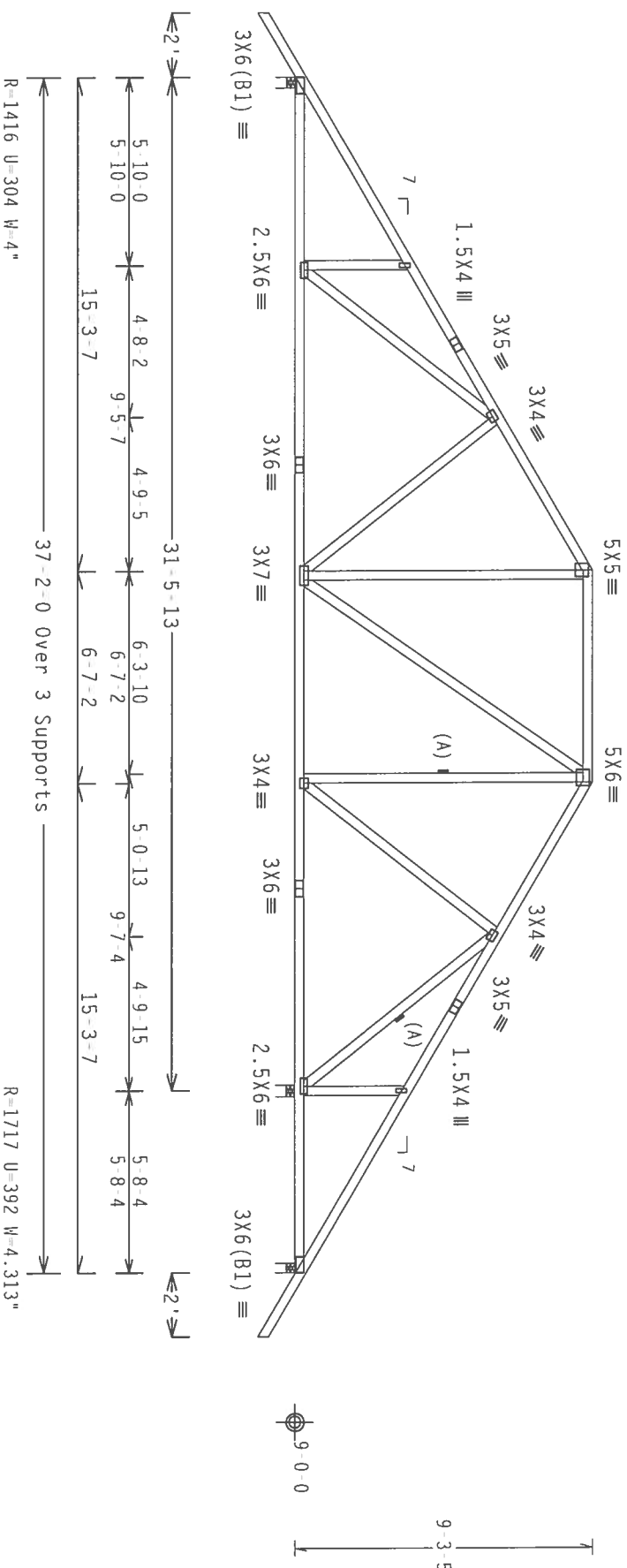
Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense
Wbs	2x4	SP	#3	

(A) Continuous lateral bracing equally spaced on member.

Wind reactions based on MIFRS pressures.

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

Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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

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

7.36.0434

QTY:1 FL/-/4/-/-/R/-

Scale = .1875"/ft.

-WARNING-
THESE RIGIDS REQUIRE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND PROTECTING TO PREVENT CRACKING OR EXCESSIVE DEFLECTION. INFORMATION PUBLISHED BY THE TRUSS PANEL INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WICK CORD TRUSS COMPANY OF AMERICA, 6500 MIDWAY INDUSTRIAL PARK, SUITE 519, FOR SAFETY PRACTICES PRIOR TO PERFORMING TRUSS FUNCTIONS. DIMENSIONS INDICATED FOR CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGID CELLING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT


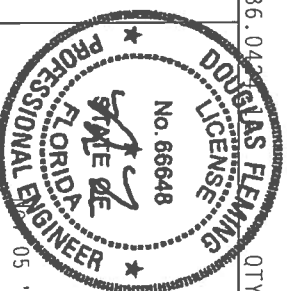
BE RESPONSIBLE FOR ANY VIOLATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH IT-1, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONNECTION PLATES ARE MADE OF 20/18/16GA (H./H./SS/K) AS14 A653 GRADE 40C/60 (H. K/H./SS) GALV. STEEL. APPLY DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TYP. 1TH BCG.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX AS OF 1911-2002 SEC.3.

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/AP1 1 SEC. 2.

1



ALPINE

TC LL	20.0 PSF	REF	R8228- 86312
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCUSR8228 07309081
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN	58770
DUR.EAC.	1.25	FROM	AH
SPACING	24.0"	JRFF	1TC78228Z03

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCPI(+/-)=0.55

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



Scale = .1875"/Ft.

5.0424 QTY

DOUGLAS FLEMING
LICENSE

No. 66648

★

STATE OF

ADDITIONAL ENDORSEMENTS

TC LL	20.0 PSF	REF	R8228- 86313
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCU8R8228 07309074
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	58788
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TC78228Z03

Top chord 2x4 SP #2 Dense :11 2x8 SP SS:
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. $I_w=1.00$ GCPI (+/-)=0.18

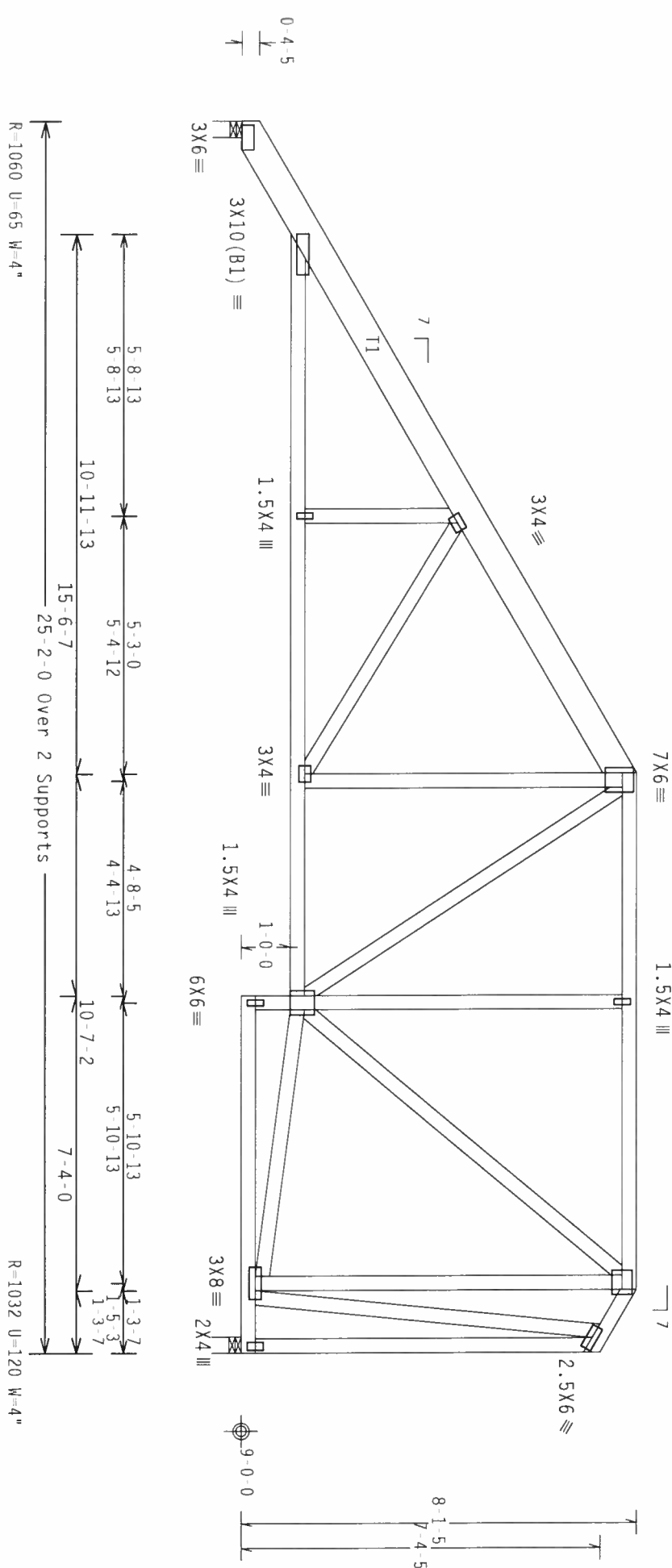
Calculated horizontal deflection is 0.10" due to live load and 0.16" due to dead load.

Wind reactions based on MMFRS pressures.

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

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

Design Cmt: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0.0)

7.36.04

QTY:1

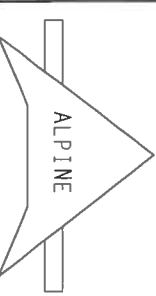
FL/-/4/-/-/R/-

Scale = .3125"/ft.

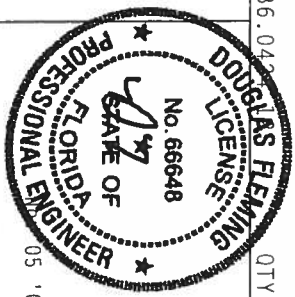
****WARNING**** TRUSSES REQUIRE EXTERIOR GATE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND NCA (NATIONAL TRUSS COUNCIL OF AMERICA, 6300 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 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 NDS (NATIONAL DESIGN SPEC., BY ALERR) AND TPI. THE BCG CONDUCTS FACTORY TESTS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2, 3 AND 4. ALL TRUSSES SHALL BE TESTED BY TPI. SHALL BE PER AMERICAN NATIONAL STANDARDS 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.



TW Building Components Group, Inc.
Haines City, FL 33844
Phone # 888-888-8888
Fax # 888-888-8888
Website: www.alpinebuilding.com



TC LL	20.0 PSF	REF	R8228 - 86314
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCUSR8228 07309045
BC LL	0.0 PSF	HC-ENG DF/DF	
TOT.LD.	40.0 PSF	SEQN	58799
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF	1TC78228Z03

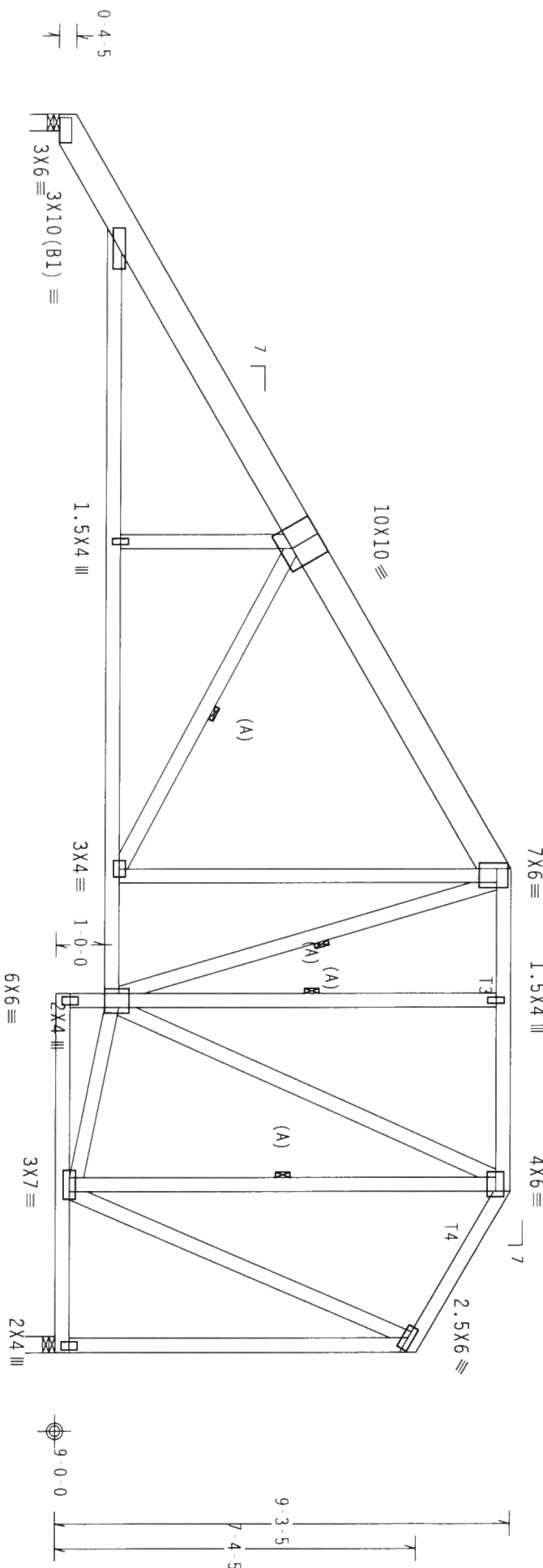
BOL C1070 2X4 SP #2 Denise
Webs 2X4 SP #3

(A) Continuous lateral bracing equally spaced on member.

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

Right end vertical not exposed to wind pressure.

Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.

[illegible]

PLT TYP. Wave

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

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

7.36.042

QTY:1 FL/-/4/-/-/R/-

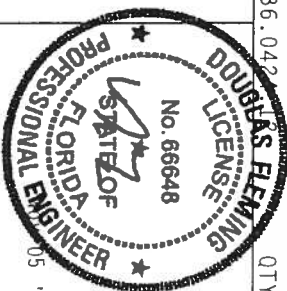
Scale = .3125"/Ft.

WARNING: FLOOR'S BUILDING EXISTED CASE IN INDICATION, HANDLING, SHIPPING, INSTALLING AND PRACTICE REFER TO NC31 (BUILDING COMPONENT SAFETY INFORMATION) - PUBLISHED BY THE (FLOOR PRACTICE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WOOD (WOOD TRUSSING CONSULTING OF AMERICA, 63000 INTERSTATE LANE, HUNTSVILLE, AL 35893) FOR SAFETY PRACTICES PRIOR TO INSTALLING THESE FLOORS. UNLESS OTHERWISE INDICATED, FLOOR GIRD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM GIRD SHALL HAVE PROPERLY ATTACHED RIDGE CEILING.

ALPINE

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

FL 33694
Name of Association #



TC LL	20.0 PSF	REF	R8228- 86315
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCUSR8228 07309046
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	58833
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TC78228Z03

FL. Catalog of Plantation # 1070

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, lw=1.00 Gcpl (+/-)=-0.18

Right end vertical not exposed to wind pressure.

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Wind reactions based on MIFRS pressures.



Scale = .375"/Ft.

**** IMPORTANT ***FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS (NATIONAL DESIGN SPEC., BY AFSPA) AND IP1. 1TH BCT
CONNECTOR PLATES ARE MADE OF 20/1H/16GA (H-H/SS/K) ASTM A651 GRADE 40/60 (H-KH SS) GALV. ELEC. ATTACH

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-160C. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANMTX A3 OF TP11 2002 SEC.3. A SEAL ON THE

DRAWING INDICATED 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

[illegible]

JRFF - 1TC7828Z03

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, $|w|=1.00$ GCF (+/-) 0.18

Wind reactions based on MwFRS pressures.

Right end vertical not exposed to wind pressure.

Right end vertical not exposed to wind pressure.




Scale = 375"/Ft.

5.042
QTY

DOUGLAS FLEMING
LICENSE

No. 66648

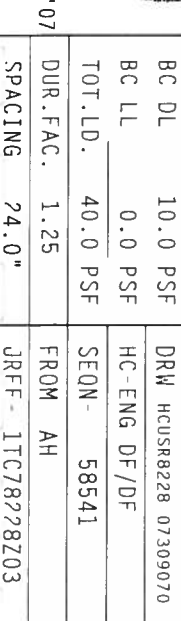


ALPINE

[illegible]

TC LL	20.0 PSF	REF	R8228 - 86318
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCUSR8228 07309065
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	58536
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JRF-F	1TC7R728Z03

Wind reactions based on MMFRS pressures.
Right end vertical not exposed to wind pressure.



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. $I_w=1.00$ GCb1(+/-)=0.18

Wind reactions based on MIFRS pressures.

Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.



Scale = 3125"/Ft+

DOWNLOADING
LICENSE
No. 666648

REF	R8228 - 86320
DATE	11/05/07

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TROSS IN CONFORMANCE WITH THE OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TROSSES.

DATE OF

BC LL 0.0

HC-ENG DF/DF

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

05

05 '07	DUR.FAC. 1.25
	SPACING 24.0"


FROM AH
JREF - 1TC78728Z03

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 GcDf(+/-)=0.18

Wind reactions based on MWFS pressures.
Right end vertical not exposed to wind pressure.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load $3/4 = 1.50$.



Scale = .3125" / Ft.


 No. 66648

REF	R8228 - 86321
DATE	11/05/07

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 FABRICATOR. THE FABRICATOR 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 FABRICATOR.

05 '07

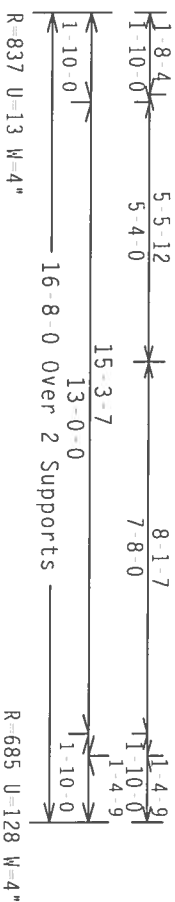
TC LL	20.0 PSF	REF	R8228- 86321
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCU8R8228 0730907
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEON-	58677
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF	1TC78728Z03

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

Wind reactions based on MWRFS pressures.

(B) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3", min.) nails @ 6" OC.

Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.

 $3 \times 4(R) \equiv$ 

Design Crit: TPI-2002(STD)/FBC

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

7.36.042

QTY:1 FL/-/4/-/-/R/-

Scale = .25"/Ft.

042
DOUGLAS FLEMING
LICENSE
No. 66648
QTY

★
★★

★

★★

STATE OF

FLORIDA
VE

STANDARD BANK

(

111

TC LL	20.0 PSF	REF	R8228- 86322
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCSUR8228 07309073
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEON-	568687
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF-	1TC78728Z03

(C3 - GDR)

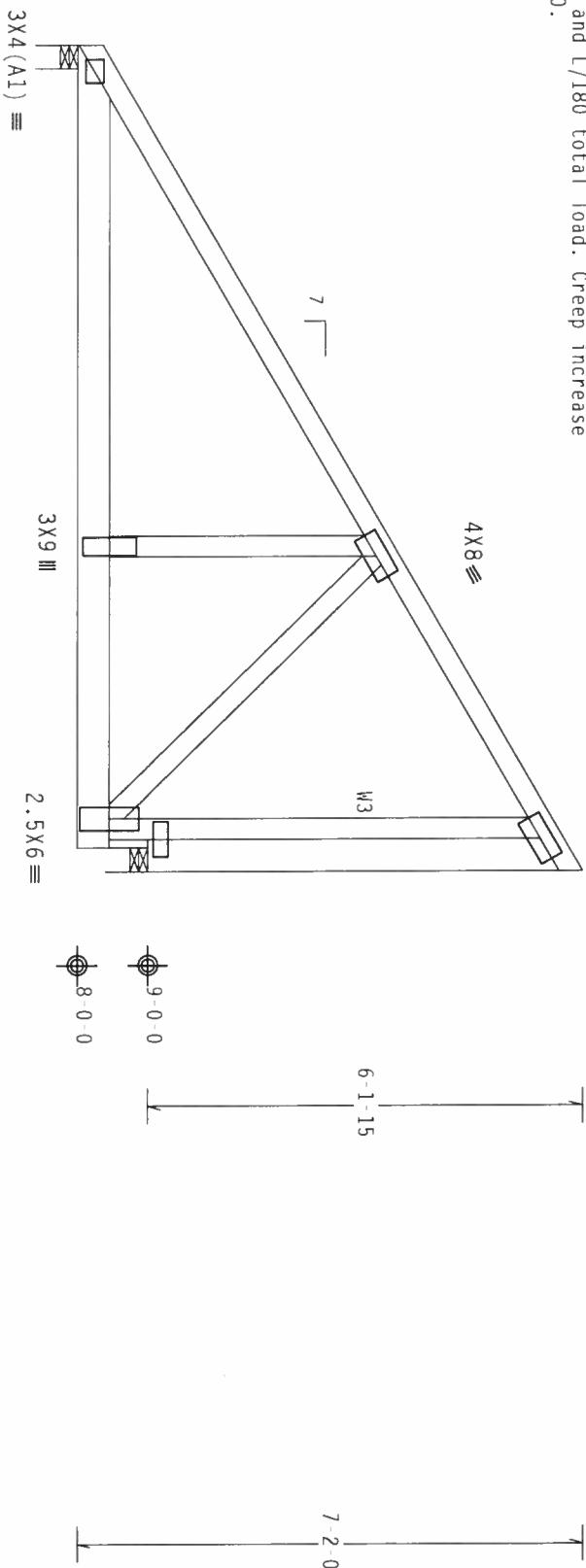
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)
Top 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. Iw=1.00 Gcpi (+/-)=0.18

1004



$R=2012$ $U=217$ $W=4^n$

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

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

7.36.04

QTY:1 FL/-/4/-/-/R/-

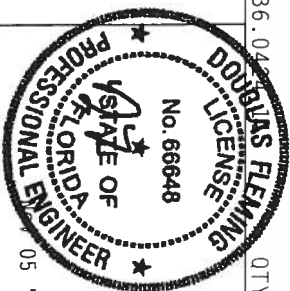
Scale = .375"/Ft.

WARNING: FIRE'S RULING REQUIRED CASE IN PARABELA 100H, HANDLING, SHIPPING, INSTALLING, AND PROTECTING REFER TO AGES (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY THE FIRE SAFETY INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND ALSO (GOOD TRUSS COMPANY) OF AMERICA, 63000 INTERSTATE LANE, SUITE 1500, MI, 48131 FOR SAFETY PRACTICES AND TIPS TO PERFORMING THESE FUNCTIONS. OTHERWISE, INDICATED TWO GROUND SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM GROUND SHALL HAVE PROPERLY ATTACHED GRID CELLING.

ALPINE

ITW Building Components Group, Inc.

James City, FL 33844
 File of Application #



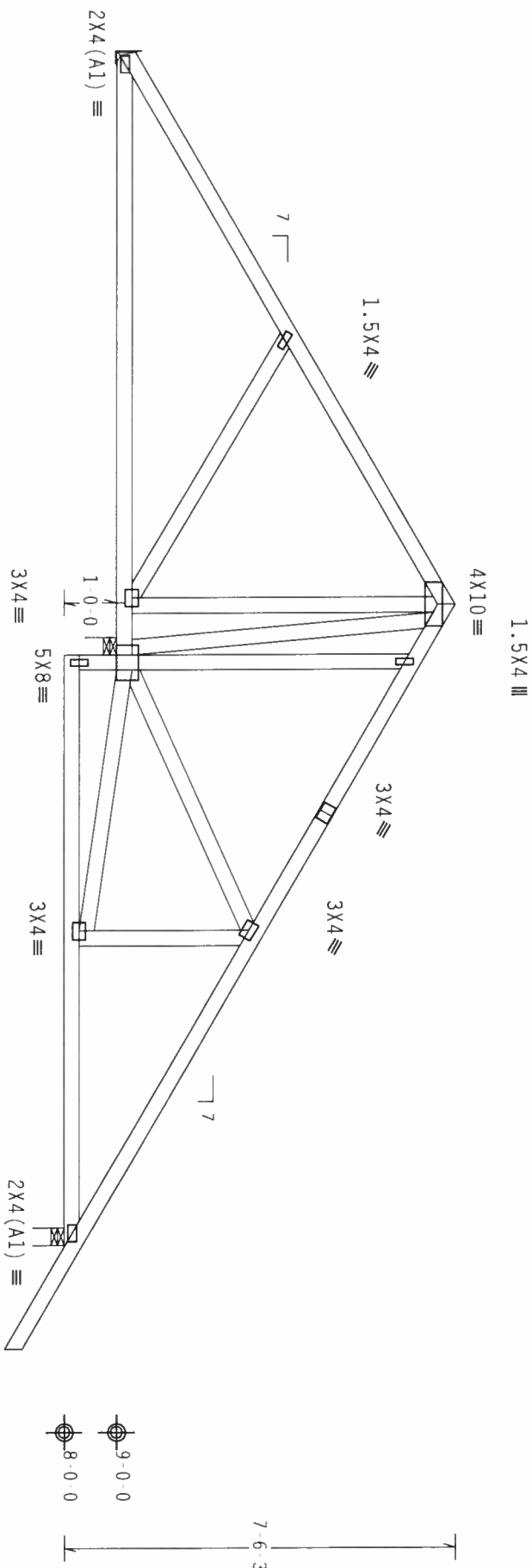
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TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCSR8228 07309064
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	59159
DUR.FAC.	1.25	FROM	AH
SPACING	SFF ABOVE	JRFF-	1TC/R8228Z03

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, PART. ENC. bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI(+/-)=0.55

Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.

Wind reactions based on MFRS pressures.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.36.042

QTY:1 FL/-/4/-/-/R/-

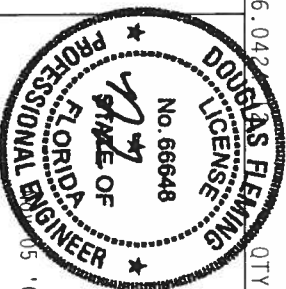
Scale = .3125"/Ft.

WARNING: THESE RIDING, EXERCISE, CARRYING, SHOOTING, TRAPPING, INSTALLING AND BROCKING
DIRECT TO BCS1 (QUIDDING COMPROMISE SAFETY INFORMATION). PUBLISHED BY THE (STRESS PLATE INSTITUTE, 218
NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND ALSO (GOOD THINGS COMING) OF AMERICA, 6500
ENTERPRISE LANE, MIDDLETOWN, CT 06457) FOR SAFETY PRACTICES PRIOR TO PERFORMING THE FUNCTION. UNLESS
OTHERWISE INDICATED, THE GOOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PALETS AND BOTTOM GRID SHALL HAVE
PROPERLY ATTACHED GRID CEILING.

ALPINE

ITW Building Components Group, Inc.

Haines City, FL 33844
 File # _____
 Date of _____

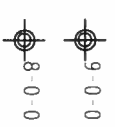


TC LL	20.0 PSF	REF	R8228- 86324
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCSUR8228 07309091
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	58487
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1TC78728Z03

ע סאגאנאסע / (קאמפאזאטא פ טעטער) זאגא סאגאנאסע וואו סאגאנאסע סאגאנאסע

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. 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(+/-)=0.55

Wind reactions based on MWFRS pressures.



Scale = .3125"/ft.

DOUGLAS
LICENSE
No. 66648

5

STATE OF ARIZONA

CONFIDENTIAL

CS CIG 1061

11

1

FROM AH
JRFF - 1TC78228Z03

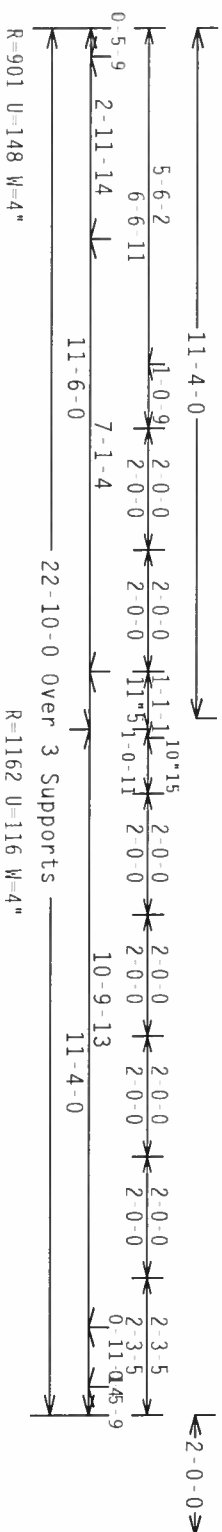
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCPI(+/-)=0.55

Wind reactions based on MMFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.

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



Design Crit: TPI-2002(STD)/FBC

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

QTY:1 FL/-/4/-/-/R/-/

Scale = .3125"/Ft.

QTY

042

DOUGLAS FLEMING
LICENSE

No. 66648

****IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT**

ALPINE

ITW Building Components Group, Inc.

Haines City, FL 33844
FL Certificate of Registration # 00000

TC LL	20.0 PSF	REF	R8228- 86326
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCSR8228 073090
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEON-	58526
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	REF -	1TC78228203

א.א.א. כנסא דם שווייטע (כנסנישע און נאכע) וועגן אינקליט ווערן שאפאט דעם נאכט

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. 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(+/-)=0.55

psf. iw=1.00 GCPi(+/-)=0.55

Wind reactions based on MIFRS pressures.

Stacked top chord must NOT be notched or cut in area (NNL). 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.

Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.

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

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

QTY:1 FL/-/4/-/-/R/-

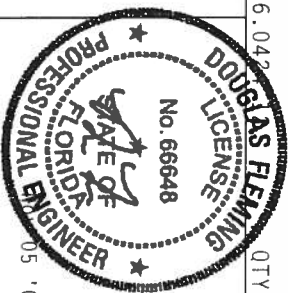
Scale = .5"/Ft.

[illegible]

ALPINE

ITW Building Components Group, Inc.

James City, FL 33844
 File # of Registration #



TC LL	20.0 PSF	REF	R8228- 86327
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCSUS8228 07309054
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	58371
DUR.FAC.	1.25	FROM	AH
SPACING	SFE ABOVE	JRFF-	1TC78228Z03

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT 11, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ GCPI (+/-)=0.18

Wind reactions based on MIFRS pressures.



Scale = .3125"/Ft.

REF	R8228 - 86328
DATE	11/05/07

ITW Building Components Group, Inc.

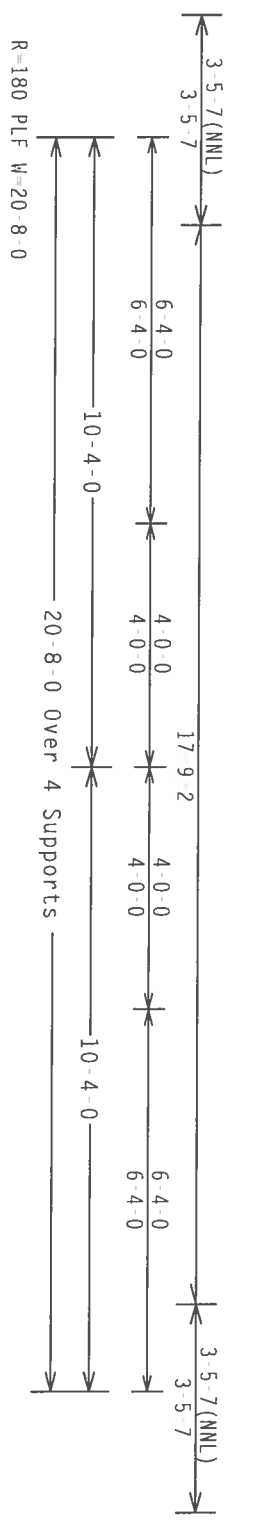
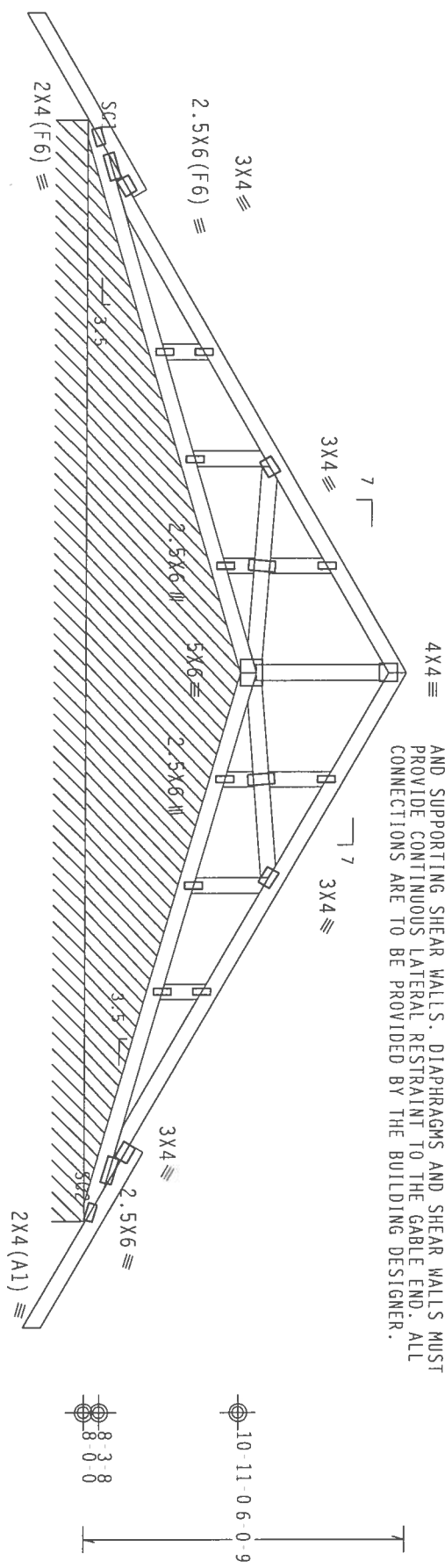
HC-ENG DF/DF
SEQN- 59049
FROM AH
JREF- 1TC78228Z03

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:

Truss spaced at 24.0" OC designed to support 2 0 0 top chord
outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must
not be cut or notched.

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. $I_w=1.00$ $G_{CPI}(+/-)=0.18$
Wind reactions based on MWFRS pressures.
See DWGS A11015E0207 & GBLLET1N0207 for more requirements.
In lieu of structural panels use purlins to brace TC @ 24" OC.
Deflection meets L/240 live and L/180 total load. Creep increase
factor for dead load is 1.50.
Shim all supports to solid bearing.
THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF
THE ROOF, FLOOR AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS,
AND SUPPORTING SHEAR WALLS. DIAPHRAGMS AND SHEAR WALLS MUST
PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL
CONNECTIONS ARE TO BE PROVIDED BY THE BUILDING DESIGNER.



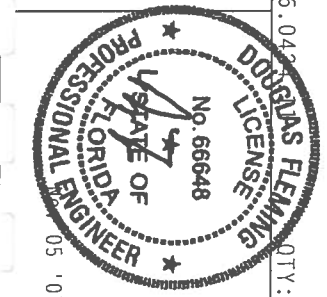
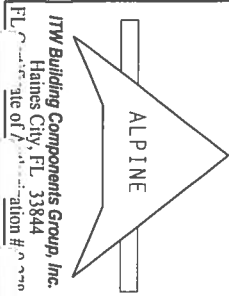
Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave Design Crit: TPI 2002(STD)/FBC
Cq/RT=1.00(1.25)/0.00

WARNING TRUSSES REQUIRE EXISTING GABLE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE MANUFACTURER, FOR ALL TRUSSES. 2400
HORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND WEA (WOOD TRUSS) CONSULT ON WEBSITE. UNLESS
ENTERPRISE LABEL, 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 BCG, THE SHALL NOT
BE RESPONSIBLE FOR ANY PREVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH
TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DISCREPANCY WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AREA) AND TPI. THE BCG
CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. THE BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS.
A STRUCTURAL PANEL SHALL BE PROVIDED FOR THE TRUSS. THE BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS.
DRAWING INDICATES THE APPLICABILITY AND USE OF THIS CONNECTION FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

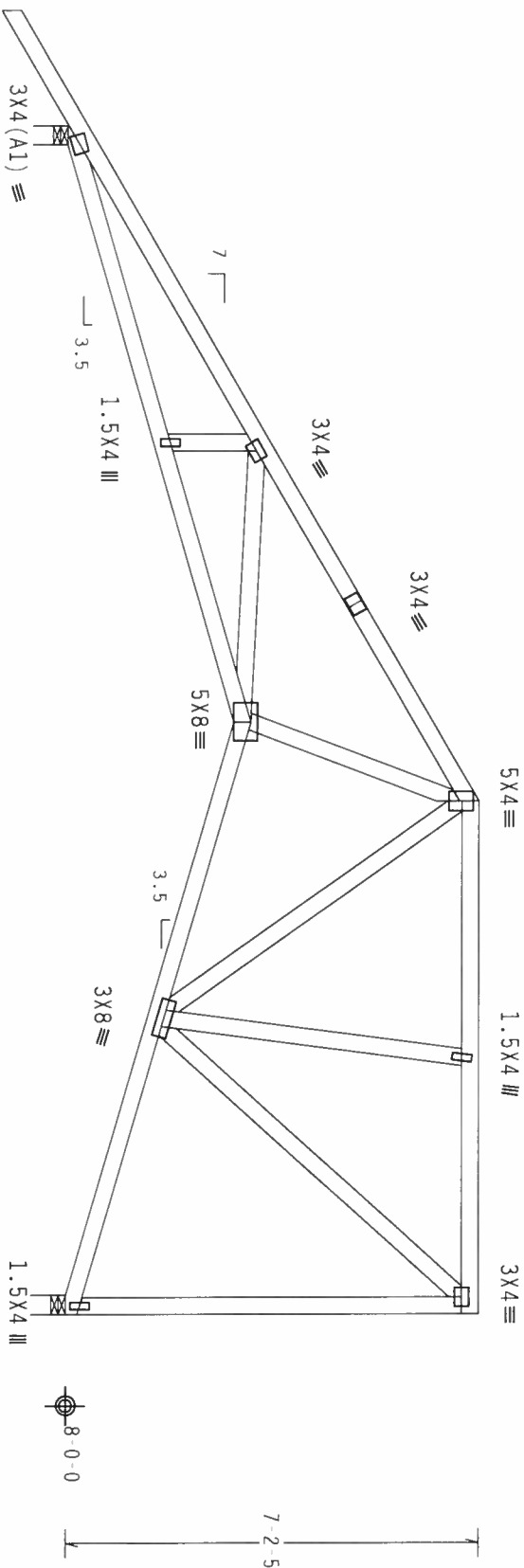


TC LL	20.0 PSF	REF	R8228 - 86329
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCSR8228 07309087
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	59084
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JRFF-	1TC78228Z03

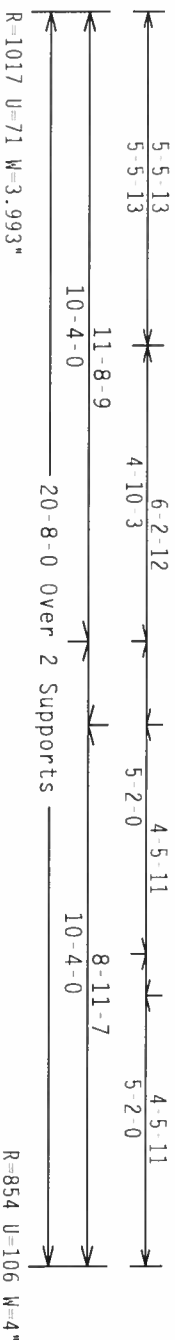
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.

Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.



2-0-0



PLT TYP. Wave

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

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

7.36.0424

QTY:1

FL/-/4/-/1/-/R/-/

Scale = .3125"/Ft.

[illegible]

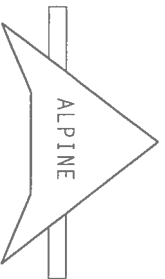
****IMPORTANT*****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. LIT BCG, INC. SHALL NOT

BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

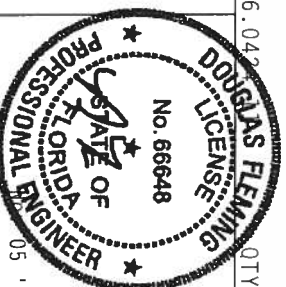
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (NATIONAL DESIGN SPEC., BY AF87A) AND IFI. 11M BEARING CONNECTOR PLATES ARE MADE OF 20/18/16GA (N, 11.55/K) ASTM A653 GRADE 40/60 (N, K/11.55) GALV. STEEL. APPLY TO FULL EDGE OF WINGS AND TO FULL SURFACE OF WEBS.

PLATES TO EACH OF THIRTY AND, ONCE DISCREPANCY LOCATED ON THIS DESIGN, POSITIONED PER DRAWINGS' 160A
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF 1911 2002 SEC.3, A SEAL ON THIS SET
DRAWING INDICATES ACCEPTANCE OF PROVISIONAL DIGITISING RESPONSIBILITY SOLICIT FOR THE TRUSTS CONCOMITANT

DESIGN SHOW: THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/AP1 1 SEC. 2.

[illegible]

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



05 '07	TC LL	20.0 PSF	REF	R8228- 86330
	TC DL	10.0 PSF	DATE	11/05/07
	BC DL	10.0 PSF	DRW	HCUSR8228 07309048
	BC LL	0.0 PSF	HC-ENG	DF/DF
	TOT. LD.	40.0 PSF	SEQN-	59095
DUR. FAC.	1.25	FROM	AH	
SPACING	24.0"	JREF-	1TC78228Z03	

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

Wind reactions based on MIFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.



Scale = .25"/Ft.

DOUBLE
LICENSE
No. 66648

TC LL	20.0 PSF	REF R8228 - 86332
TC DL	10.0 PSF	DATE 11/05/07
BC DL	10.0 PSF	DDU: 11/05/07 11:00:00

ALPINE

ITW Building Components Group, Inc.

ITW Building Components Group, Inc.
Haines City, FL 33844
Fax: 888-446-4464

[illegible]

04
QTY

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER

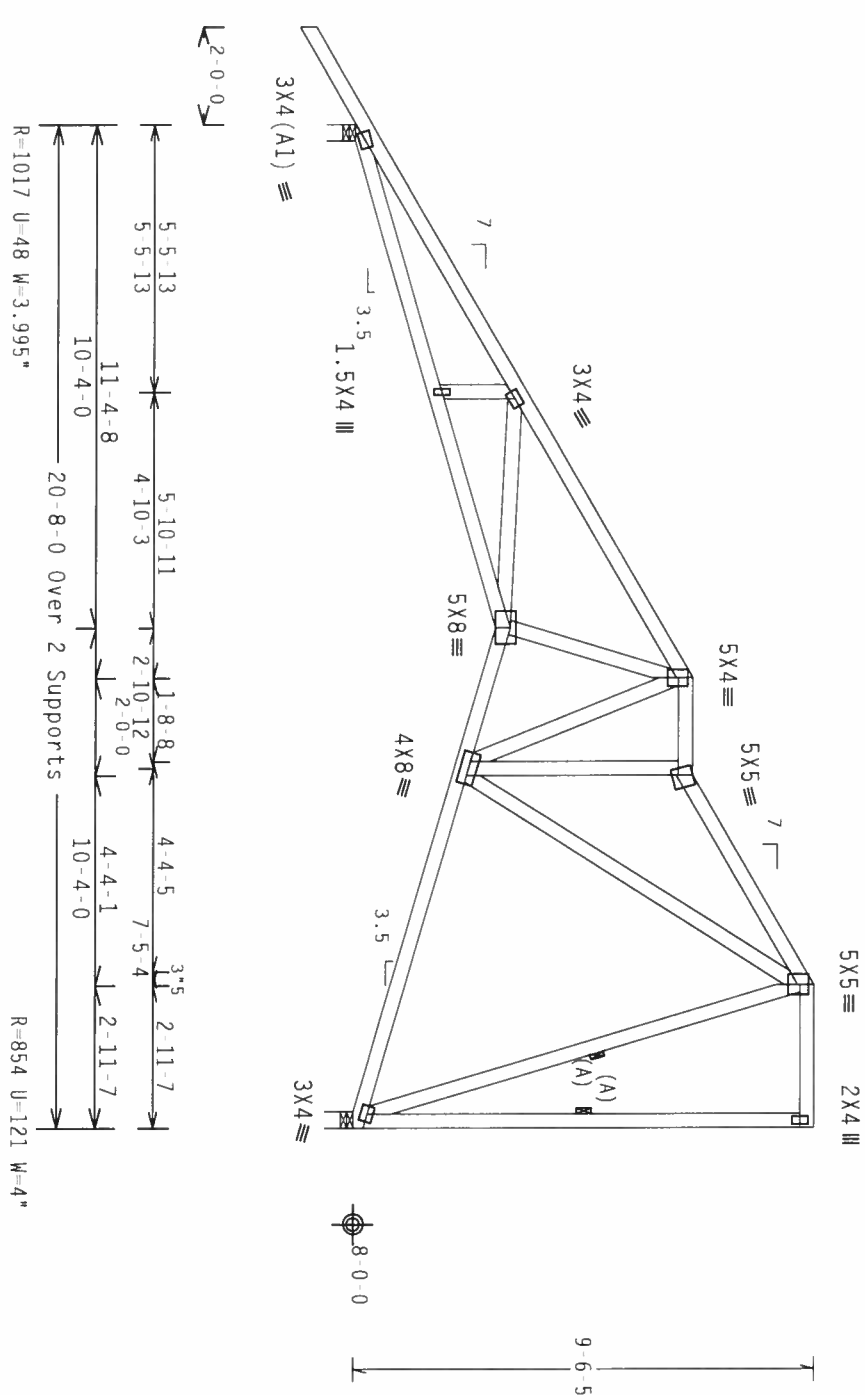
05

TC LL	20.0 PSF	REF	R8228- 86332
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCUSR8228 07309086
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEGN-	59105
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JRFE-	1TC78228703

(A) Continuous lateral bracing equally spaced on member.

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

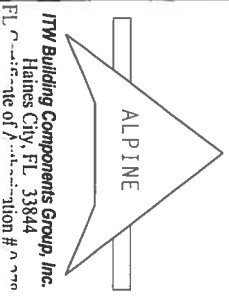
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G C P_i(+/-)=0.18$
 Wind reactions based on MWFRS pressures.
 Right end vertical not exposed to wind pressure.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



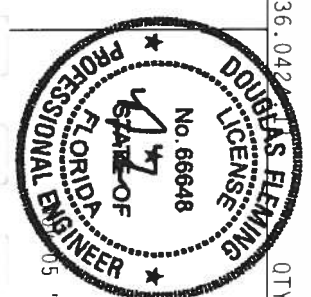
PLT TYP. Wave
 Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/0(0)
 OTY:1 FL/-/4/-/-/R/-
 Scale=.25"/Ft.

****WARNING**** TRUSSES REQUIRED EXISTING CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LAKE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. TRUSSES 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 OF TRUSSES IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 2003 NATIONAL DESIGN SPEC. (BY AIA/PDA) AND TPI. THE BCG CONNECTION PLATES ARE MADE OF 20/10/10GA (W/5/5/2) ASH AND 30/30/30 GA V. STEEL. APPLY THE FOLLOWING CONNECTIONS TO THE TRUSSES: 1. TOP CHORD: 2. BOTTOM CHORD: 3. WEBS: 4. END PLATES: 5. ANY INSPECTION OF PLATES FOLLOWED BY TPI SHALL BE THE RESPONSIBILITY OF THE TRUSS CONSTRUCTION DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

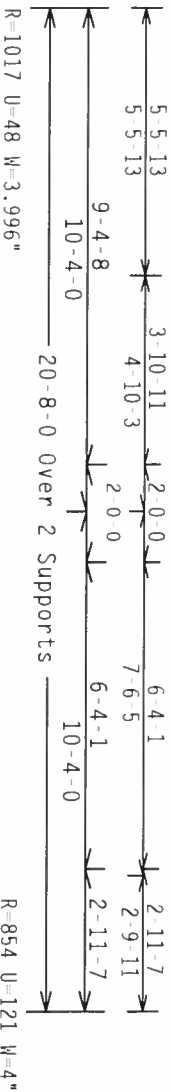


ITW Building Components Group, Inc.
 Gaines City, FL 33844
 PL 7-1111-1111-1111 # 1111



TC LL	20.0 PSF	REF	R8228 - 86333
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCUSR8228 07309084
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	59110
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF	1TC78228Z03

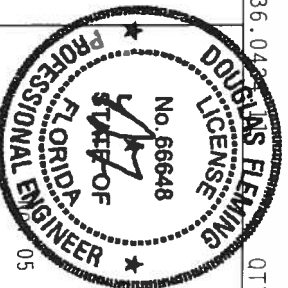
Wind reactions based on MMFRS pressures.
Right end vertical not exposed to wind pressure.



Scale = .25" / Ft.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR ITW BCG. INC SHALL NOT

Haines City, FL 33844
FL Certificate of Adoption # 0000



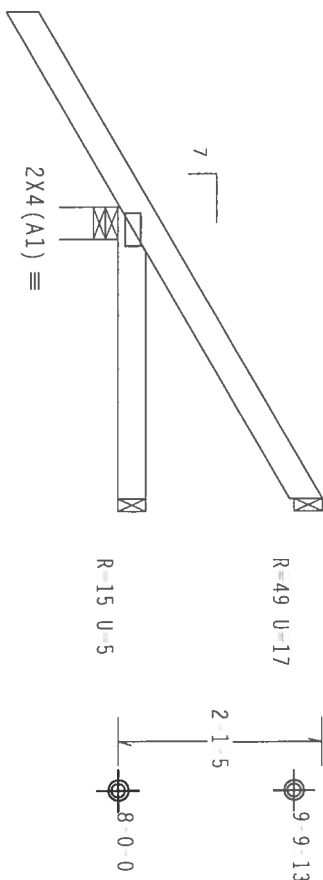
TC LL	20.0 PSF	REF	R8228- 86334
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCUSR8228 07309077
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	59114
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF-	1TC78228203

33)

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, lw=1.00 gcpi (+/-) 0.18

Wind reactions based on MIFRS pressures.

Scale = .5"/Ft.


$$\begin{array}{c} \uparrow \\ 2-0-0 \\ \downarrow \end{array}$$

$\overbrace{3 \ 0 \ 0}^{3 \ 0}$ over 3 supports
R=321 U=34 W=4"

WARNING - PRIORS RECORDING ERROR! CASE ID F010401000, **ISSUED BY** 101 (TRESS PATRICK INSTITUTE), 218
REFER TO GC51 (BUILDING CONTRACTOR SAFETY INFORMATION), **ISSUED BY** 101 (TRESS PATRICK INSTITUTE), 218
NOTICE TO GC51, SUITE 312, ALEXANDRIA, VA, 22314 AND WICH (GOOD TRUSS COMPANY) OF AMERICA, 6500
ENTERPRISE LANE, MIDDLETOWN, MI 48157 FOR SAFETY PRACTICES' PRIOR TO PERFORMING INSPECTION, INTERVIEW,
OBSERVATION. INDICATED FOR GOOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
PROPERLY ATTACHED GRID CELLING.

ALPINE

ITW Building Components Group, Inc.

Haines City, FL 33844
FL Certificate of Application #

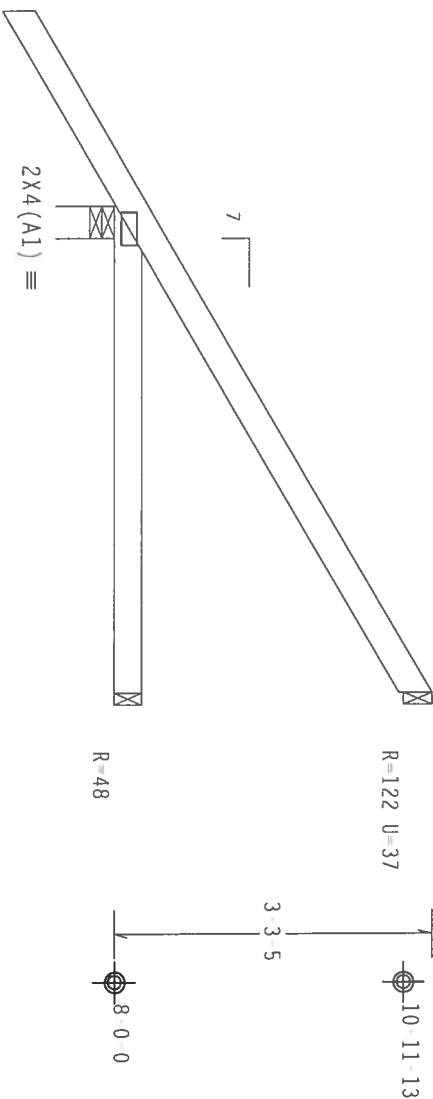


TC LL	20.0 PSF	REF	R8228- 86336
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCUSR8228 07309055
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	58333
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TC782828203

Top chord	2x4	SP	#2	Dense
Bot chord	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. $I_w=1.00$ GCFI $(/)=0.18$

Wind reactions based on MFRS pressures.



5-0-0
5-0-0 Over 3 Supports
R=382 U=27 W=4"

PLT TYP. wave

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

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

7.36.0424

QTY:1

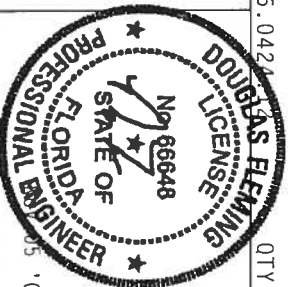
FL/-/4/-/-/R/-/

Scale = .5"/Ft.

WARNING: THESE BUILDING EXISTENCE CARETAKING, MAINTENANCE, SHIPPING, INSTALLING AND PRACTICE REFERENCE TO THESE BUILDING COMPONENTS AND INFORMATION, PUBLISHED BY THE (FLOOR PLAN INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ARLINGTON, VA, 22214) AND WICA (GOOD PRACTICE COUNCIL OF AMERICA, 65000 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO REPAIRING THESE FUNCTIONS, UNLESS SPECIFICALLY INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

ALPINE

ITW Building Components Group, Inc.

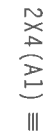
[illegible]

TC LL	20.0 PSF	REF	R8228- 86338
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCSUR8228 07309053
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEON-	58338
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF-	1TC78728203

EJ7)

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 reactions based on MUFRS pressures.



7-0-0
7-0-0 Over 3 Supports
R=455 U=24 W=4"

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

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

7.36.0

QTY:1

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

Scale = .5" / Ft.

ITW Building Components Group, Inc.

Haines City, FL 33844

FL Certificate of Application # 0077

****WARNING**** PRIORS TO THE FABRICATION, HANDLING, SHIPPING, INSTALLING AND PROTECTING THE CHORD SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE FOLLOWING INSTRUCTIONS MUST BE FOLLOWED BY THE INSTALLATION CONTRACTOR TO PREVENT DAMAGE TO THE CHORD AND TO THE CHORD ATTACHED RIGID CEILING.

****IMPORTANT**** I URGE YOU TO MAKE A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR THE PROTECTION OF THE CHORD.

RETURN TO BCG1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE FIBREGLASS INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WICK (WOOD TRUSS CONSULTING), 65000, ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIONS. UNDERSTANDING THE IMPORTANCE OF THE CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

LICENSE
No. 66648
★

TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF

REF	R8228- 863339
DATE	11/05/07
DRW	HCUSR8228 073090

9		
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Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense

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. $1w-1.00 G_{CPI}(+/-)=-0.18$

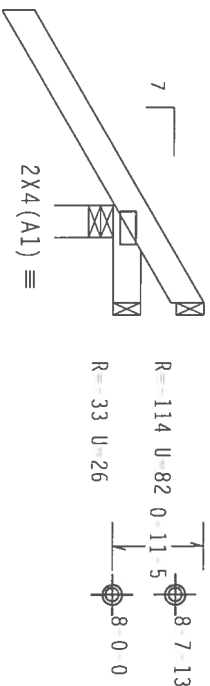


Diagram of a continuous beam with three supports. The beam is divided into two equal spans of 20 feet each. The total length is 40 feet. The beam is labeled "1-0-0 Over 3 Supports". The dimensions are given as R=366, U=75, W=4 inches.

PLT TYP. Wave

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

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

7.36.0

QTY:1 FL/-/4/-/-/R/-

Scale = .5" / Ft.

WARNING: THE FOLLOWING EXISTING GOLF TEE PARADISE, INCLUDING THE SUPPORT, INSTALLING AND BRACING REFER TO DESIGN CONSULTING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS, 1801 LEXINGTON AVENUE, NEW YORK, NY 10017, AND THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS, 1801 LEXINGTON AVENUE, NEW YORK, NY 10017, FOR SAFETY PRACTICES, PRIOR TO PERFORMING THESE ACTIONS. UNLESS OTHERWISE INDICATED, THE GOLF SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAINTS AND BOTTOM GOLF SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT*****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE A/C, INC. SHALL NOT

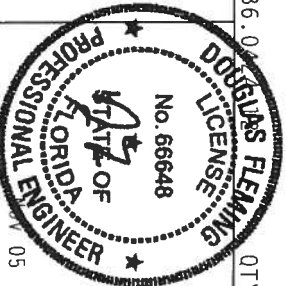
BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF AWS (NATIONAL DESIGN SPEC., BY AISC) AND IPT. CONCRETE PLATES ARE MADE OF 20/18/66A (U.N.S./K). ASTM A563 GRADE 40/60 (W, K/U.S.) GALV. STEEL. APPLY TO EACH FACTOR OBTAINED AND "UNLESS OTHERWISE NOTED OR INDICATED."

PLATES TO EACH OF THE CROSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMHXA AS OF IPTI 2002 SEC. 3.
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SUITABLE FOR THE TENSILE COMPONENTS

DESIGN SHOW. THE SUSTAINABILITY AND USE OF THIS COMPONENT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/SPR 1 SEC. 2.

— 100 —



05 '07

FL/4-/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"

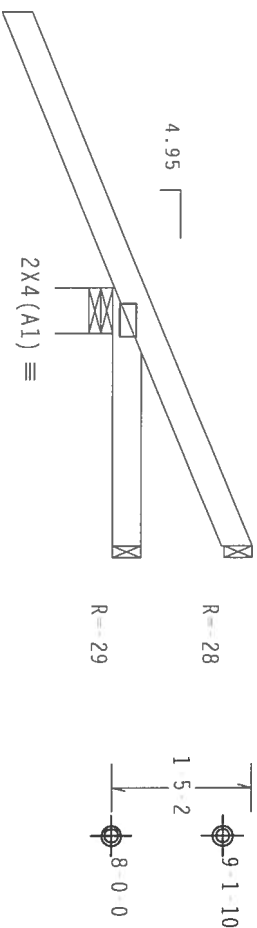
Scale =.5"/Ft.
REF R8228- 86340
DATE 11/05/07
DRW HCURSR8228 0730906
HC-ENG. DF/DF
SEQN- 58348
FROM AH
REF- 1TC78228Z03

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

Hipjack supports 1-10-8 setback jacks with no webs.

Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.

Wind reactions based on M+FRS pressures.



2' 9" - 15"
 2' 7" 13" Over 3 Supports
 R-264 U-47 W-5.657"

PLT TYP. Wave

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

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

7.36.043

QTY:1 FL/-/4/-/-/R/-/-

Scale = .5"/Ft.

WARNING: THESE RIGID EXTERIOR CASES FOR FABRICATION, HANDLING, UNLOADING, STAGING AND RACING REFER TO ONE (ONE) DOWNSIDE COMPONENT SAFETY INFORMATION, PUBLISHED BY IPI, TRASS PATE INC. TEL: 218 NORTH LEE STREET, SUITE #1, 212 ALABAMA, WA 99231-4 AND WICK, WASH. 98060. THESE COMPONENTS OF AMERICA, 6100 ENTERPRISE LANE, HUNTER, WA 98149 FOR SAFETY PRACTICES PRIOR TO REMOVING THESE COMPONENTS. UNLESS OTHERWISE INDICATED FOR C1080 SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARTS AND BOTTOM GROUND SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE REG. INC. SHALL NOT

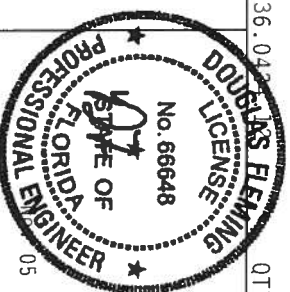
IP1: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TROSSES.

CONNECTOR PLATE'S ARE MADE OF 20/18/16GA (W,H/S,S/K) ASTM A653 GRADE 40/60 (W, K/H,S,S) GALV. STEEL, APPLY

ANY INSPECTION OR PLATES FOLLOWED BY (1) SHALL, BE PER AMEX A3 OF IP11 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

DESIGN APPROVED FOR CONSTRUCTION AND USE OF THIS COMPONENT FOR AIR BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/ASCE 2.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Approval # _____



TC LL	20.0 PSF	REF	R8228 - 86341
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCSRS8228 07309065
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT. LD.	40.0 PSF	SEQN-	58381
DUR. FAC.	1.25	FROM	AH
SPACING	SFF ABOVE	JRFF -	1TC78228Z03

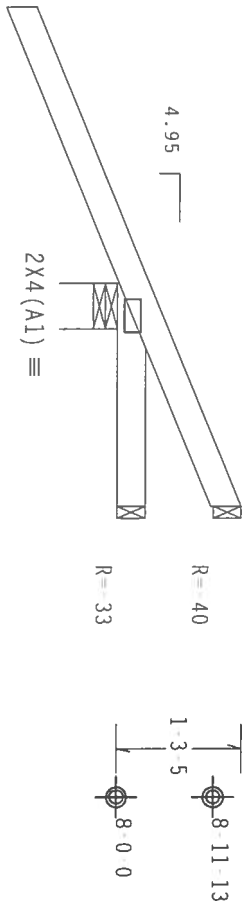
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Hipjack supports 1-7-7 setback jacks with no webs.

Deflection meets L/240 live and L/180 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. 1w=1.00 gcpl (+/-)=0.18

Wind reactions based on MMFRS pressures.



2-9-15
2-3-8 Over 3 Supports
R 257 U-46 W 5.657"

PLT TYP. Wave

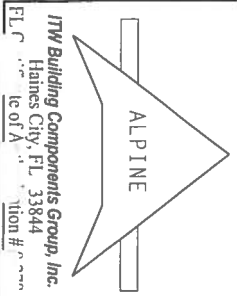
Design Cmt: TPI-2002 (STD) /FBC
Cq/RT=1.00(1.25)/0(0)

7.36.04

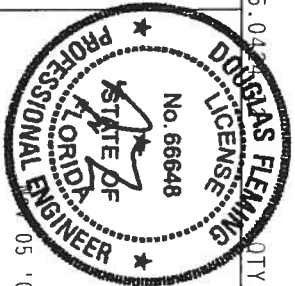
Scale =.5"/ft.

WARNING TRUSSES ROUTED EXTERIOR CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO DECSI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 218 HORTON LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WCA CHORD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR 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 THE TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF 2003 NATIONAL DESIGN SPEC. (BY AREA) AND TPI. THE BCG CHORDS FOR PLATES ARE MADE OF 20/18/16GA (W/5/5/5) WITH 40/60 (W, K/20/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2, 160B, 2, 160C, 2, 160D, 2, 160E, 2, 160F, 2, 160G, 2, 160H, 2, 160I, 2, 160J, 2, 160K, 2, 160L, 2, 160M, 2, 160N, 2, 160O, 2, 160P, 2, 160Q, 2, 160R, 2, 160S, 2, 160T, 2, 160U, 2, 160V, 2, 160W, 2, 160X, 2, 160Y, 2, 160Z, 2. A SEAL ON THIS DRAWING INDICATES THE ACCEPTANCE OF THE DESIGN AND THE RESPONSIBILITY OF THE TRUSS COMPONENT DESIGNER. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

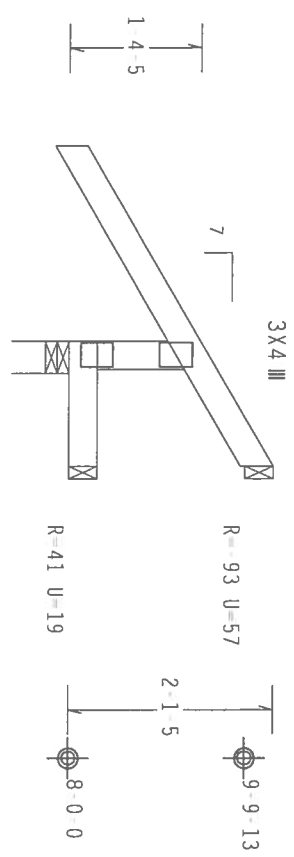


ITW Building Components Group, Inc.
Haines City, FL 33844
Tel: 888-333-3333
Fax: 888-333-3333
E-mail: info@alpine-truss.com
Web: www.alpine-truss.com



TC LL	20.0 PSF	REF	R8228 - 86342
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCUSR8228 07309060
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEON-	58362
DUR.FAC.	1.25	FROM	AH
SPACING	SFF ABOVE	JRFF-	1TC7R2RZ03

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.
Wind reactions based on MMFRS pressures.



1'-12" 1'-11" 1'-3-7 Over 3 Supports
R=294 U=26 W=4"

PLT TYP. Wave Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0.0) 7.36.04 QTY:1 FL/-4/-/R/- Scale =.5"/ft.

WARNING BRUSSES RIGIDLY EXTREME CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSEI (BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLAY INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NCA (NATIONAL 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 BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN COMPLIANCE WITH APPLICABLE PROVISIONS OF 2003 NATIONAL DESIGN SPEC. BY ALPINE AND TPI. THE BCG PROVIDES PLATES AND RODS OF 20/10/10/64 (40/60 IN. K10/55) GALV. STEEL. STEEL. APPLY ANY INSPECTION OF THE TRUSS TO THE BCG. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A, 2, 100B, 100C, 100D, 100E, 100F, 100G, 100H, 100I, 100J, 100K, 100L, 100M, 100N, 100O, 100P, 100Q, 100R, 100S, 100T, 100U, 100V, 100W, 100X, 100Y, 100Z. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. THE SEALING OF THE TRUSS COMPONENT DESIGN SIGN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



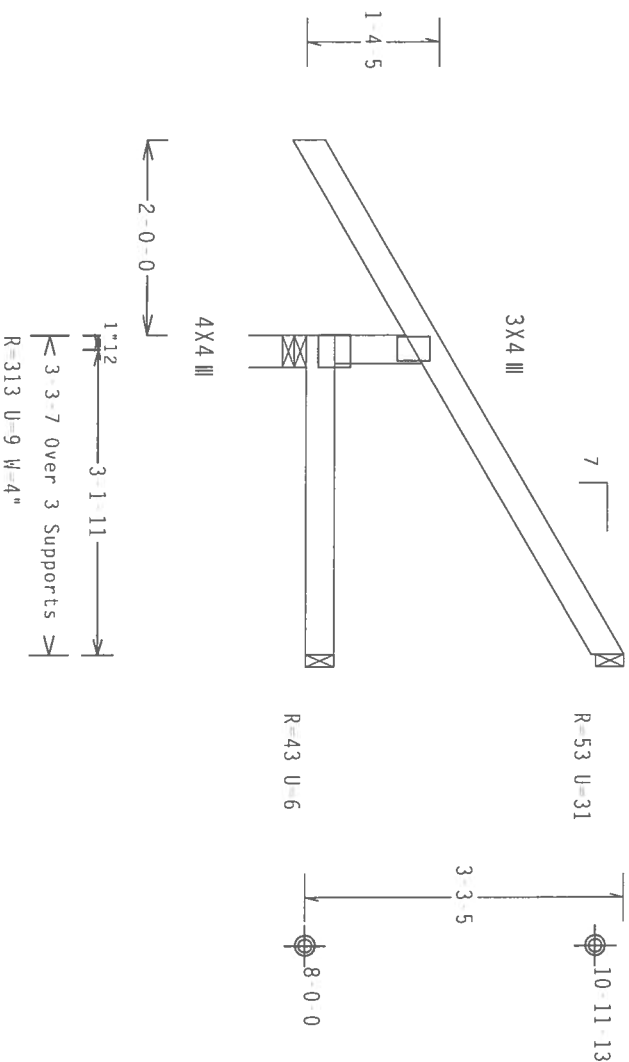
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TC DL	10.0 PSF	DATE 11/05/07
BC DL	10.0 PSF	DRW HCUSR8228 07309052
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN- 58354
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JRFF- 1TC78228Z03

Top	chord	2x4	SP	//2	Dense
Bot	chord	2x4	SP	//2	Dense
	Wbs	2x4	SP	//2	Dense

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

Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.

Wind reactions based on MIFRS pressures.



PLT TYP. Wave

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

7.36.042

QTY:1

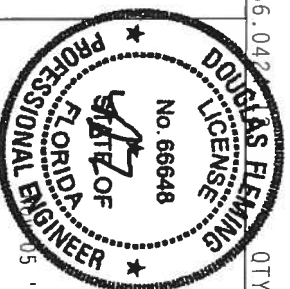
FL/14/1-1R/1-

Scale = .5"/ft.

WARNING: THIS PRODUCT EXHIBITS CRACKING, BULGING, SPLITTING, INSTALLING AND BRACING. REFER TO RESISTING REQUIREMENTS FOR INFORMATION. MANUFACTURED BY THE GIBBS PATENT INSTITUTE, 2100 E. 10TH ST., SUITE 312, ALEXANDRIA, VA, 22304, AND NICK CORROSION RESISTANCE OF AMERICA, 63000 HORTON LANE, SUITE 100, ST. LOUIS, MO, 63139 FOR SATISFACTORY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. INTERESTED PARTIES TO THIS GIBBS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM GIBBS SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

ALPINE

ITW Building Components Group, Inc.

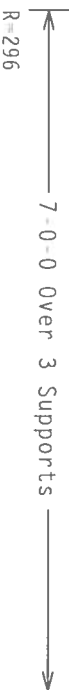


TC LL	20.0 PSF	REF	R8228 - 86344
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	H05R8228 07309051
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	58358
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF -	1TC7R278Z03

THE NEW YORK PUBLIC LIBRARY
ASTOR LENOX TILDEN FOUNDATIONS
500 5TH AVENUE
NEW YORK 17, N.Y.

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 MIFRS pressures.



Scale = .5" / Ft.

ALL HAVE
No. 66648

HALL 301

72

STATE OF
WITH

OFFICE OF THE
FLORIDA
SINE



Professional Engineer

THE

05.07

FROM AH
JRFF - 1TC7R22RZ03

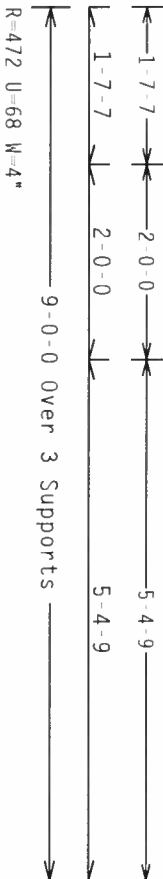
(M1)

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC From 63 PLF at -2.00 to 63 PLF at 1.62

TC - From	63 PLF at	3.62 to	63 PLF at	9.00
BC - From	5 PLF at	2.00 to	5 PLF at	0.00
BC - From	20 PLF at	0.00 to	20 PLF at	9.00

PLB -	Load at (1.62, 8.04)
33 LB Conc.	
40 LB Conc.	

Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.



Scale = .5"/Ft.

BRITISH
LICENSE
No. 66648

Figure 1

STATE OF

FLORIDA
VEE



QTY: 1	FL/-/4/-/R/-	Scale = .5"/Ft.
TC LL	20.0 PSF	REF R8228- 86346
TC DL	10.0 PSF	DATE 11/05/07
BC DL	10.0 PSF	DRW HCURS8228 07309049
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN- 58405
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TC78228203

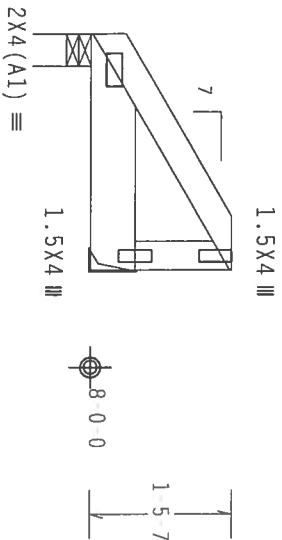
Top chord	2x4	SP	#2	Dense
Bot chord	2x6	SP	#2	
Web	2x4	SP	#3	

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI (+/-)=0.18

$$(\text{LUMBER DUR.FAC.} = 1.25 / \text{PLATE DUR.FAC.} = 1.25)$$

	(LUMBER DUR.FAC. 1.25 / PLATE DUR.FAC. 1.25)
TC From	63 PLF at 0.00 to 63 PLF at 1.87
BC From	20 PLF at 0.00 to 20 PLF at 2.42
PLT 28 LB Conc.	Load at (1.88, 9.41)
BC 296 LB Conc.	Load at (1.48, 9.41)
PLB 29 LB Conc.	Load at (1.88, 8.04)

Deflection meets $L/240$ live and $L/180$ total load. Creep increase factor for dead load is 1.50.



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

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

7.36.042

QTY:1

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

Scale = .5" / Ft.

WARNING: THE FOLLOWING EXISTING CARC IN PROXIMITY TO THE STAFFING, INSTALLING, AND PRACTICE REFER TO RC61 (OCCUPATIONAL COMPLIANCE) SAFETY INFORMATION: PHOTO SAFETY, 220 NORTH LEE STREET, SUITE 312, ARLINGTON, VA, 22213, AND WICK-ROCK TRUSS COMPANY, 1001 INTERSTATE LANE, HANNOVER, VA, 523129. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, THE USER IS INDICATED FOR GOOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, AND BOTTOM GOOD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

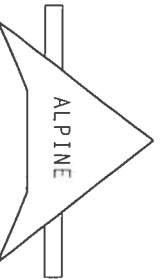
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE REG. INC. SHALL NOT

OF RESPONSIBLE FOR ANY DETAIL FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE, OR FABRICATING, HANDLING, SHIPPING, INSTALLING, AND BRACING OF TRUSSES. THE SIGN CONTRACTS WITH APPLICABLE PROVISIONS FOR BIDS (NATIONAL DESIGN SPEC., BY AIA/DA) AND TPI. THE BIDDING

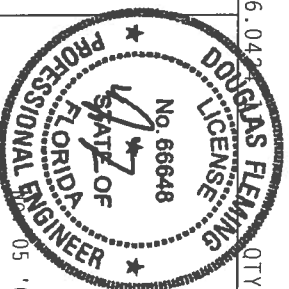
CONDUCTOR PLATE MADE OF 20/18 TITAN (V49.5%Ti/50.5%Cr) A653 GRADE OR 40/60 (4% Cu/55%) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IP11 2002 SEC. 3.

DRAWING INDICATES ACCEPTANCE OF PRODUCTION ENGINEERING RESPONSIBILITY. SOURCE FOR THE TRUE CONFORMANT

ON BEHALF OF THE PROJECT, THE ARCHITECT, ENGINEERING, AND CONSULTING SOCIETY FOR THE TRANS COMPOUNDING PLANT, THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING OF THE BUILDING DISCHARGE PER AISI/101.1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 00000000



05.07

TC LL	20.0 PSF	REF	R8228 - 86347
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCUSR8228 07309060
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	59139
DUR.FAC.	1.25	FROM	AH
SPACING	SFF ABOVE	JRFF-	1TC7R278Z03

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=-0.18$

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

	(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC From	63 PLF at 2.00 to 63 PLF at 2.42
TC From	63 PLF at 2.42 to 63 PLF at 4.42
TC From	63 PLF at 4.42 to 63 PLF at 9.00
BC From	5 PLF at 2.00 to 5 PLF at 0.00
BC From	20 PLF at 0.00 to 20 PLF at 9.00
PL	65 LB Conc. Load at (1.94,8.04)

R=126 U=37

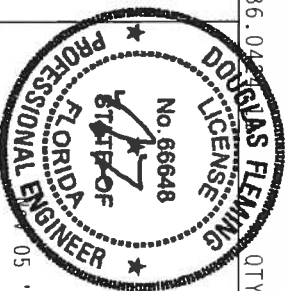

$$Cq/RT=1.00(1.25)/0(0)$$

Scale = .5"/Ft.

ALPINE

FL. C-21576

FL. C-21576

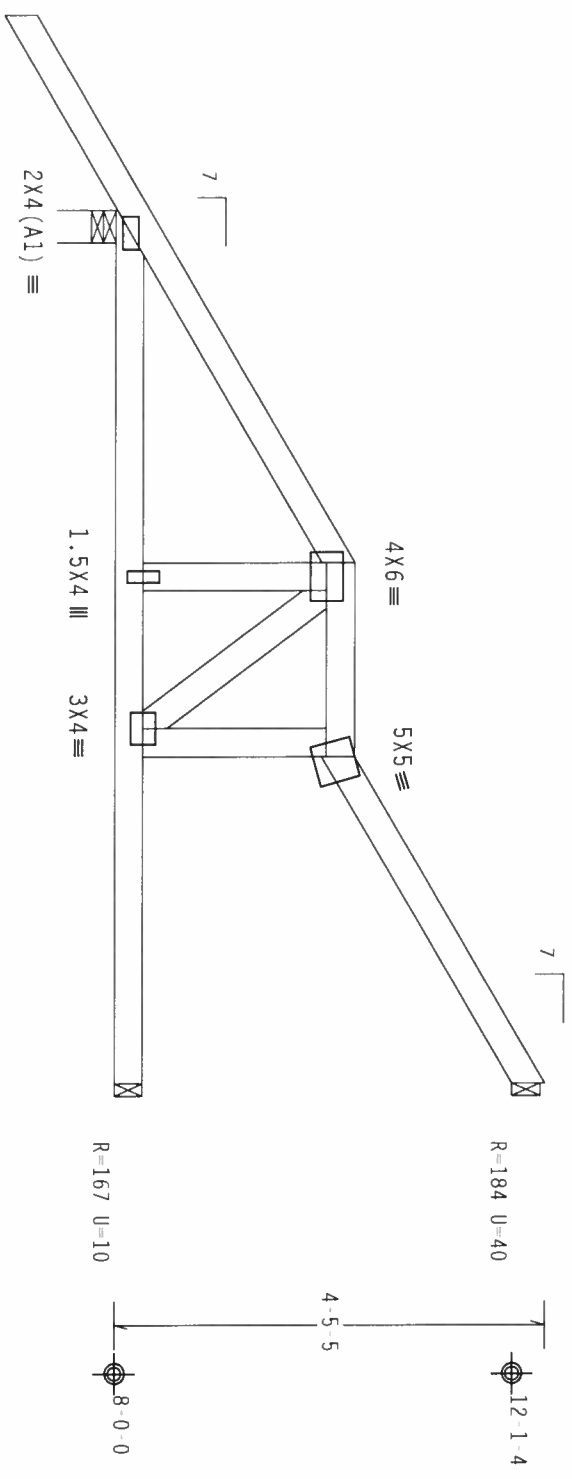


TC LL	20.0 PSF	REF	R8228- 86348
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCUSR8228 07309061
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	59143
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JRFF-	1TC/8228203

(7 311 Erkinger Home Builders Endsey 161 SW Discovery PL Columbia County, ** M2)
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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, $I_w=1.00$ $G_{CPI}(+/-)=0.18$
Wind reactions based on MWFRS pressures.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

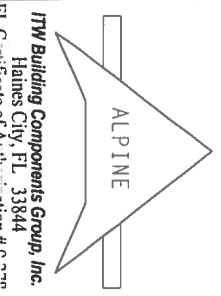


2-0-0
3-7-7
2-0-0
3-4-9
3-7-7
2-0-0
3-4-9
9-0-0 Over 3 Supports
R=533 U=37 W=4"

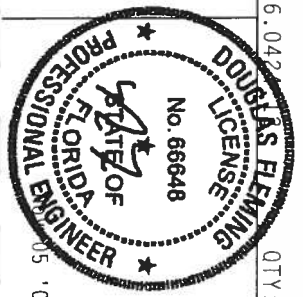
PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)
7.36.042
QTY:1
FL/-/4/-/R/-
Scale =.5"/Ft.

****WARNING**** THESE ARE REQUIRED EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES FOR TRUSS CONSTRUCTION. SAFETY INFORMATION: PUBLISHED BY TPI (TRUSS PANEL INSTITUTE, 210 HERRIN LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR 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 OF 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 BCG DESIGN CONFORMS WITH 2018/1604 (NDS/20) ASH 4055 GRADE 40/60 (4, 6/11, 55 GALV. STEEL, APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF TPI 2002 SEC. 3. A SEAL ON THIS DESIGN SHOWS THE SIGNATURE AND SEAL OF THIS CONTRACTOR FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMER TPI 1 SEC. 2



ITW Building Components Group, Inc.
Haines City, FL 33844
Phone # 888-222-2222



TC LL	20.0 PSF	REF	R8228 - 86349
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCSR8228 07309058
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT. LD.	40.0 PSF	SEQN	58414
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF	1TC78228Z03

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. [W=1.00 GCN(1+)=0.18

Wind reactions based on MMFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.


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

QTY:1

Scale = .5" / ft.

042A
DOUGLAS FLEMING
LICENSE
No 66648
QTY

REF	R8228 - 86350
DATE	11/05/07

DOUBLE
LICENSE
No. 66648
57

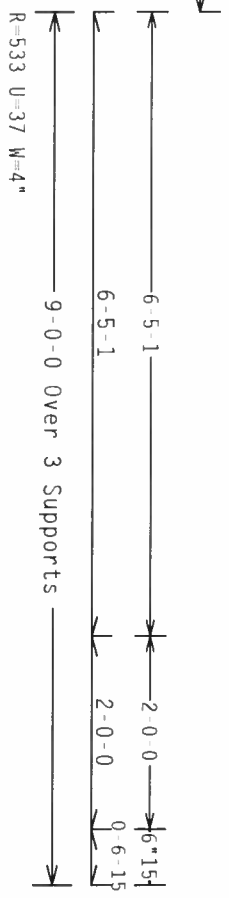
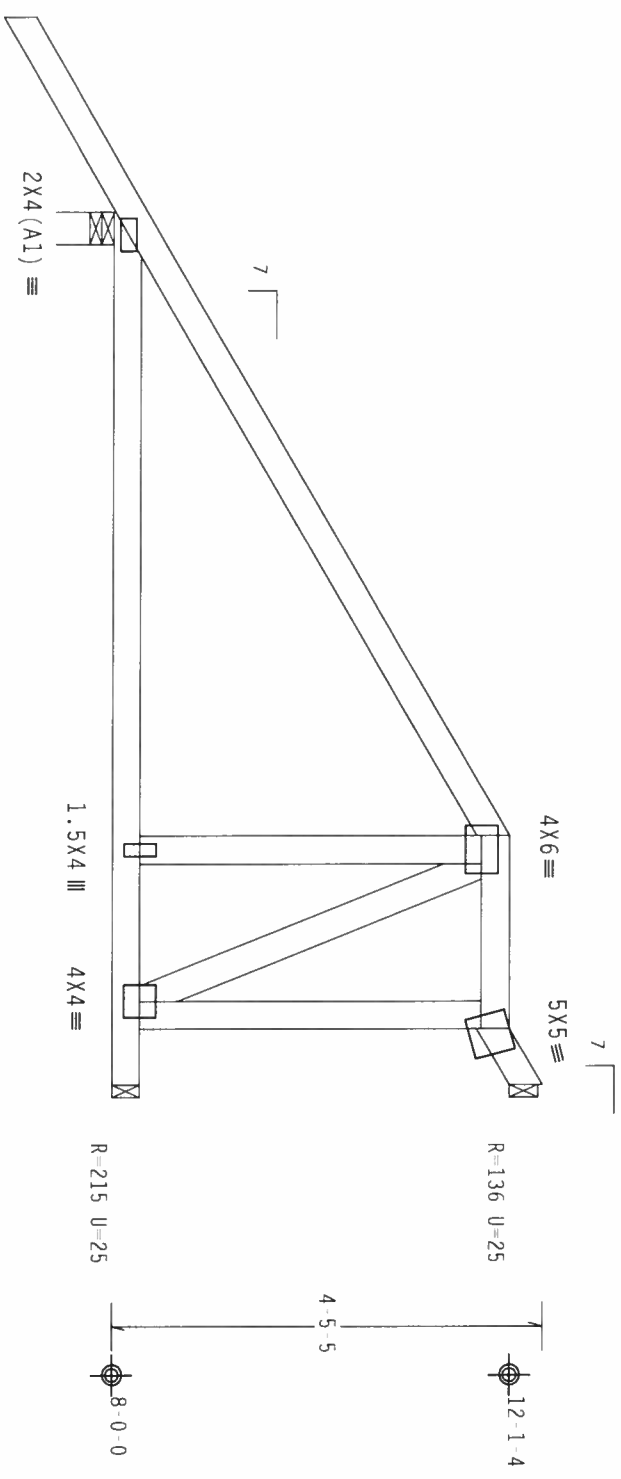
HCE-ENC DE/DE

FROM AH
JRFF- 1TC78228Z03

(7 311 - Erkinger Home Builders - Endsey - 161 SW Discovery PL Columbia County, ** - M4)
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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
Wind reactions based on MWFRS pressures.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

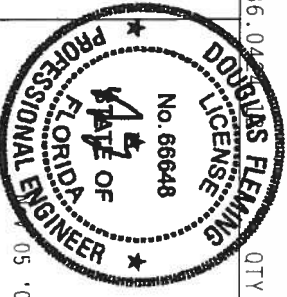


PLT TYP. Wave
Design Crit: TPI-2002 (STD) /FBC
Cq/RT=1.00(1.25)/0(0)
QTY:1
FL/-/4/-/-/R/-
Scale = .5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, UNLOADING, AND BRACING PRIOR TO BEING ERECTED. BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE NATIONAL COUNCIL OF AMERICAN LUMBER PROCESSORS, 1219 N. MICHIGAN AVE., SUITE 212, ANN ARBOR, MI 48106-1500, IS THE SOURCE OF THE FOLLOWING INFORMATION. UNLESS OTHERWISE INDICATED, THE FOLLOWING INFORMATION IS THE PROPERTY OF THE NATIONAL COUNCIL OF AMERICAN LUMBER PROCESSORS. A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** TURNISH 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 SHALL BE THE RESPONSIBILITY OF 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 SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

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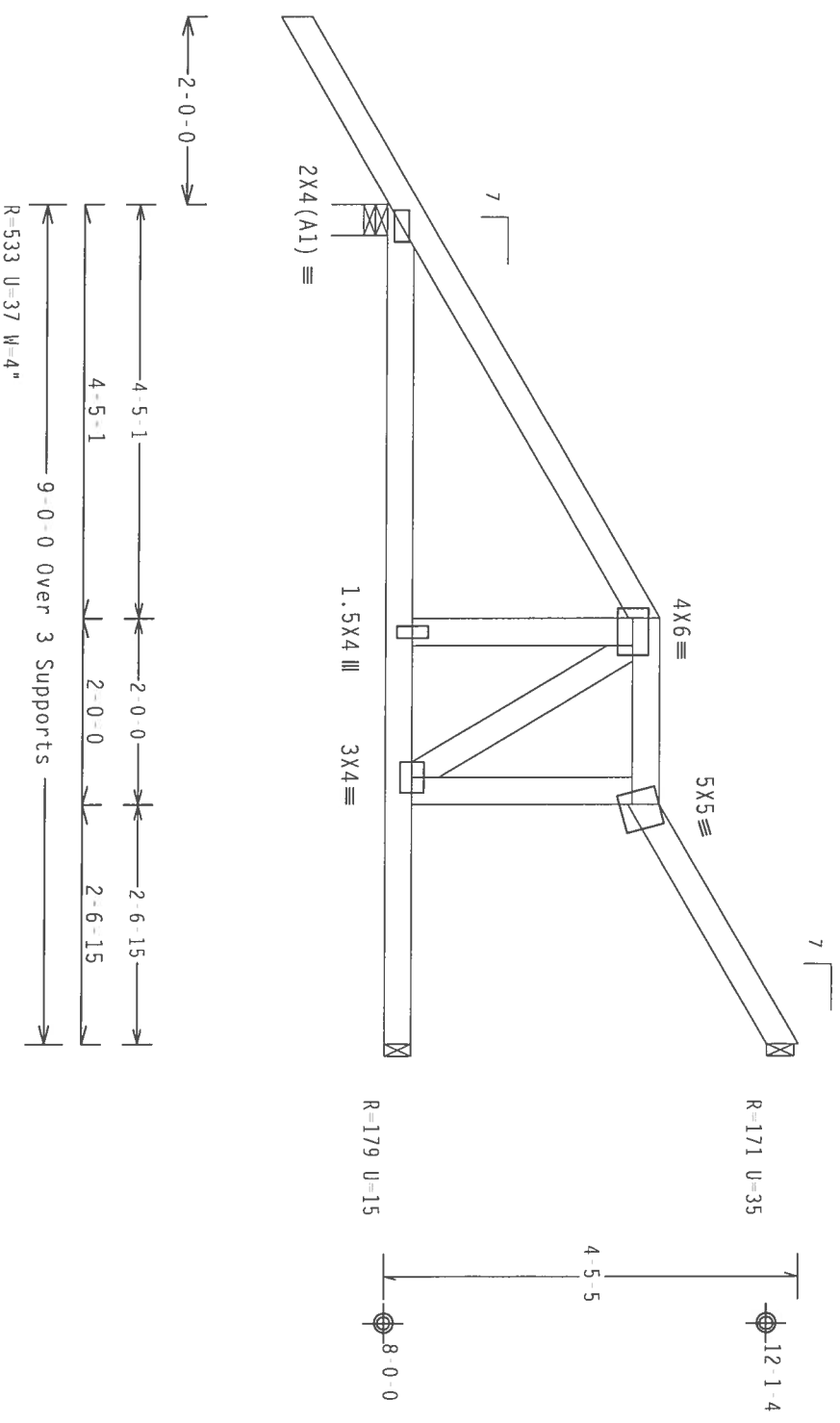


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TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCUSR8228 07309061
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN	58428
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF	1TC7R2R203

(7-311--Erkinger Home Builders Endsey -- 161 SW Discovery PL Columbia County, ** M5)
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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
Wind reactions based on MWFRS pressures.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

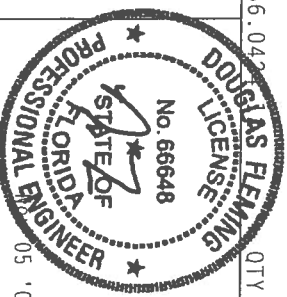


PLT TYP. Wave Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0) 7.36.042 QTY:1 FL/-/4/-/R/- Scale =.5"/ft.

****WARNING**** TRUSSES REQUIRE EXTERIOR CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO NCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 3000 HORN LEE STREET, SUITE 312, ALEXANDRIA, VA, 22313, AND NCA (WOOD TRUSS COUNCIL OF AMERICA), 1000 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. THE BCG, INC. SHALL NOT 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 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 SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL 33844
Site of /
ation #



TC LL	20.0 PSF	REF	R8228 - 86352
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCUSR8228 07309062
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT. LD.	40.0 PSF	SEQN	58434
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF	1TC7R2R203

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

110 mph wind, 18.39 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=2.0 psf. lw=1.00 GCPI (+/-) -0.18

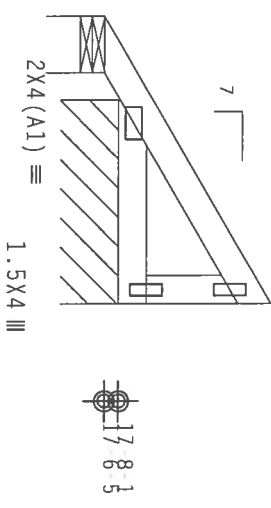
Wind reactions based on MMFRS pressures.

Refer to DWG PIGBACKB0207 for piggyback details.
PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 63 PLF at 0.00 to 63 PLF at 2.95
BC - From 4 PLF at 0.00 to 4 PLF at 2.95

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

1.5X4 III



2 11 7 Over 2 Supports
1.115
1.12
R-5 U-9 W-6.946"
R-83 PLF U-35 PLF W-2 1 1

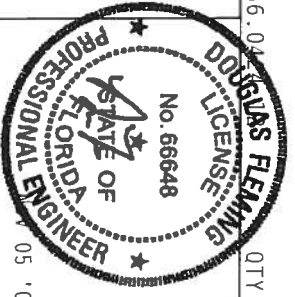
PLT TYP. Wave

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

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN LIFTING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DWG PIGBACKB0207 FOR PIGGYBACK DETAILS. TRUSSES ARE TO BE INSTALLED BY THE TRUSS MANUFACTURER OR A QUALIFIED TRUSS ERECTOR. TRUSSES ARE TO BE INSTALLED ON A PROPERLY ATTACHED RIGID CEILING.

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

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
Phone # 888-338-4444
Fax # 888-338-4444



TC LL	20.0 PSF	REF	R8228 - 86353
TC DL	10.0 PSF	DATE	11/05/07
BC DL	10.0 PSF	DRW	HCSR8228 07309089
BC LL	0.0 PSF	HC - ENG	DF/DF
TOT. LD.	40.0 PSF	SEQN-	58637
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF -	1TC78228Z03

Scale = .5" / Ft.

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

110 mph wind, 18.86 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=2.0 psf. $I_w=1.00$ GCPI (+/-)=0.18

Wind reactions based on MMFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase
factor for dead load is 1.50.

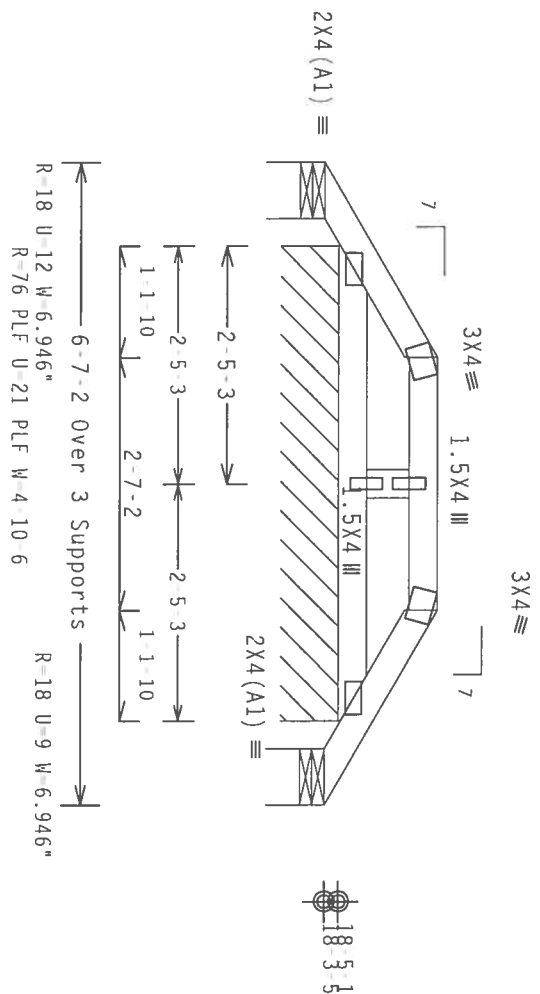
Refer to DWG PIGBACKB0207 for piggyback details.
PORTION OF TRUSS UNDER PIGGYBACK IS TO BE
BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

SPECIAL LOADS

(LUMBER

TC - From	63 PLF at 0.00 to	63 PLF at 2.00
TC - From	63 PLF at 2.00 to	63 PLF at 4.59
TC - From	63 PLF at 4.59 to	63 PLF at 6.59
BC - From	4 PLF at 0.00 to	4 PLF at 6.59

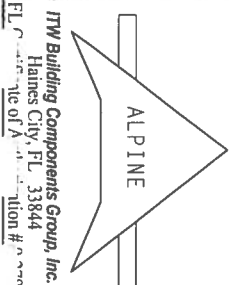
In lieu of structural panels or rigid ceiling use purlins to brace
all flat TC @ 24" OC, all BC @ 24" OC.



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

****WARNING**** TRUSSES REQUIRE EXTERIOR GUTTER PROTECTION, HANDLING, SHIPPING, INSTALLING AND BRACING
REFER TO BEST PRACTICES FOR TRUSS INFORMATION. THIS TRUSS IS DESIGNED FOR THE FOLLOWING CONDITIONS:
NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304, AND AREA (GOOD) CROSS COUNTRY, OR AFRICA, GOOD
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**** TURN IN 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 A BRACING OF TRUSSES.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THIS (NATIONAL DESIGN SPEC. BY ACPA) AND TPI. THE BCG
CONNECTION PLATES ARE MADE OF 20/18/16GA (40/55/5) ASH AREA GRADE 40/60 (4, 4/11, 55) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z.
INSTALLATION OF PLATES FOLLOWED BY (1) SHALL BE PER AREA AS OF TPI 1, 2002 SEC.3. A SEAL ON THIS
DRAWING INDICATES THE TOTAL CONSTRUCTION RESPONSIBILITY SOLELY FOR THE TRUSS CONSTRUCTION
DESIGNER. THE SUITABILITY AND USE OF THIS CONSTRUCTION FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER AREA TPI 1 SEC. 7.



TC LL	20.0 PSF	REF R8228 - 86355
TC DL	10.0 PSF	DATE 11/05/07
BC DL	10.0 PSF	DRW HCUR8228 07309088
BC LL	0.0 PSF	HC-ENG DF/DF
TOT. LD.	40.0 PSF	SEQN- 58645
DUR. FAC.	1.25	FROM AH
SPPACING	24.0"	JRFF - 1TC78228Z03

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

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED
CLB SHOWN ON SINGLE PLAY 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	ALTERNATIVE T OR L-BRACE	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.



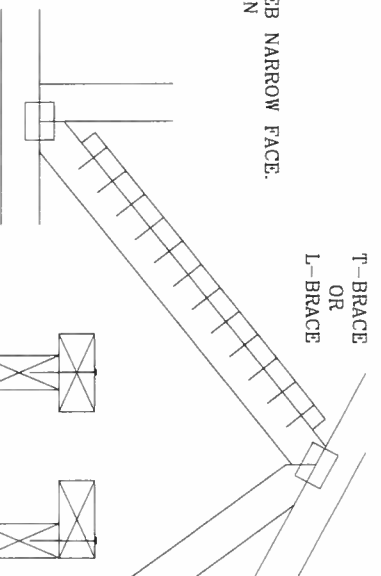
ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

4. CAUTION - TRUSSES REQUIRE EXTENSIVE CARE: FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCCL BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22304, AND VITA (VACUO) 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.

5. REPRESENTATIVE - CLARIFY COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DR FABRICATING, HANDLING, SHIPPING, INSTALLING, BRACING, OR TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC. BY AISC) AND TEL. ITV BCG CONNECTOR PLATES ARE MADE OF 20/81/6/254 C/A/H/S/S/25 ASTM A653 GRADE 40/60 C/A/H/S/S GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY CD SHALL BE PER FORMER AS OF TYPE 1604-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER REVIEW AND APPROVAL. THE SEAL OF THE ENGINEER IS NOT THE SEAL OF THE STATE AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER CONSULTING, SEC. 2.

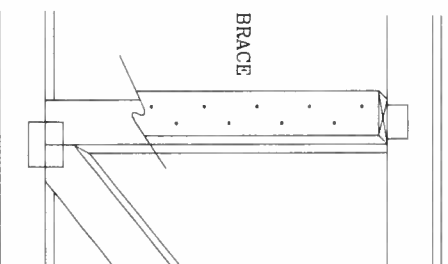
T-BRACING
OR
L-BRACING:

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



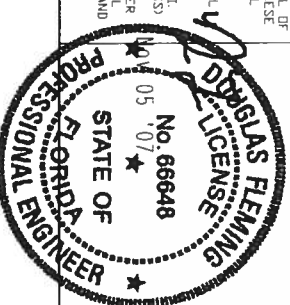
SCAB BRACING:

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

TC LL	PSF	REF	CLB	SUBST.
TC DL	PSF	DATE	2/23/07	
BC DL	PSF	DRWG	BRCLESUB0207	
BC LL	PSF	-ENG	MLH/KAR	
TOT. LD.	PSF			
DUR. FAC.				
SPACING				



+ 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.

IT REFER TO ENGINEERS 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

[illegible][illegible]

Technical drawing of a roof truss showing a top chord filler detail. The drawing includes a cross-section of the roof structure with a truss member and a filler plate. A dimension line indicates a length of 6'-0" with a note "***". A slope triangle shows a 12:12 ratio. Various symbols like "+++", "++", and "4" are used to denote different materials or components. A note "PIGGYBACK PLATE ** OR 3X6 TRULOX" points to a specific detail.

THIS DRAWING REPLACES DRAWING 884,080



ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE, OR FABRICATING, HANDLING, SHIPPING, INSTALLING, AND SPECIFIC OF TRUSSES. DESIGN CONFORMS WITH THE APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY AISC AND THE AISC, BCG CONNECTOR PLATES ARE MADE OF 2018/18 GA. (A/SS) ASH 1653 GRADE 40/60 (A/SS) DESIGN POSITION PER PLATES TO EACH FACE OF TRUSS AND ONE/SS OTHERWISE LOCATED ON THIS ANGLE AS OF THE 1-2005 SEC. 3. A SEAL ON THIS PLATE INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING. IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER AISC/TP-1 SEC. 2.

DOUGLAS FLEMING
LICENSE
NO. 66648
05 0V

NOV 20 1990
100.66648

STATE OF

TC LL	MAX 30 PSF	REF	TC-FILLER
TC DL	MAX 15 PSF	DATE	2/23/07
BC DL	MAX 10 PSF	DRWG	TCFILLER0207
BC LL	0 PSF	-ENG	SJP/KAR
TOT. LD.	MAX 55 PSF		
DUR. FAC.	1.15 OR 1.33		
SPACING	24.0"		

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.

```

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

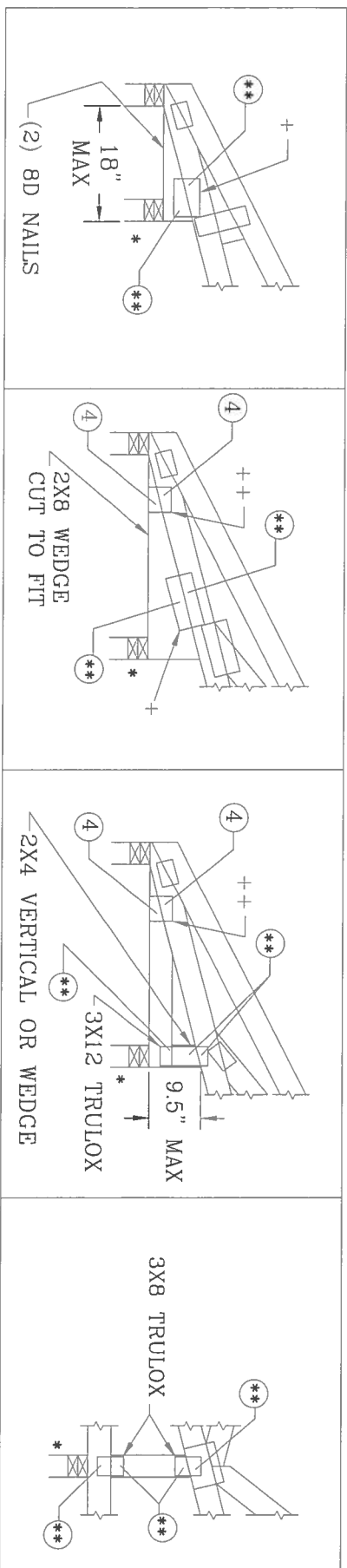
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0.120" X 1.375", NAILS, REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF THE TRUSS. SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS

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

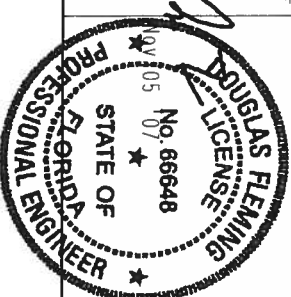
ITW BUILDING COMPONENTS GROUP, INC.
POMPAHO BEACH, FLORIDA

****WARNING**** THESE REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCGI BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22304, AND VITCA (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.

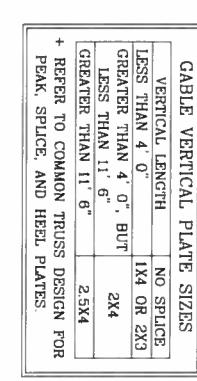
****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCGI, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, AN FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE; OR FABRICATING, HANDLING, SHIPPING, INSTALLING, SPECIFIC OF TRUSSES. DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI (TRUSS PLATE INSTITUTE). ALL DIMENSIONS ARE IN FEET AND INCHES. UNLESS OTHERWISE SPECIFIED, MATERIAL SHALL BE:

1. TVG CONNECTOR PLATES ARE MADE OF 20X18X1/8GA USF1 A575 GRADE 40/60 (A/K/A/SS GALV. STEEL). APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS SECTION, POSITION PER DRAWINGS 1604-Z.

2. INSPECTION OF PLATES ACCEPTANCE OF PER PROFESSIONAL ENGINEERING RESPONSIBILITY. NOTIFY THE TRUSS COMPANY IMMEDIATELY IF THE STUDENT AND ANALYST OF THIS COMPANION FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ENR1/P1-1, SEC. 2.



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"				



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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR

#1 / #2

STANDARD

#3

STUD

HEM-FIR

#2

STUD

#3

STANDARD

DOUGLAS FIR-LARCH

#3

STUD

STANDARD

SOUTHERN PINE

#3

STUD

STANDARD

GROUP B:

HEM-FIR

#1 & BTR

#1

SOUTHERN PINE

#1

#2

DOUGLAS FIR-LARCH

#1

#2

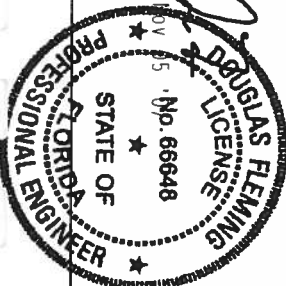
REF	ASCE7-02-CAB11015
DATE	2/23/07
DRWG	A11015EEO207
—ENG	
MAX. TOT. LD.	60 PSF
MAX. SPACING	24.0"

ALPINE

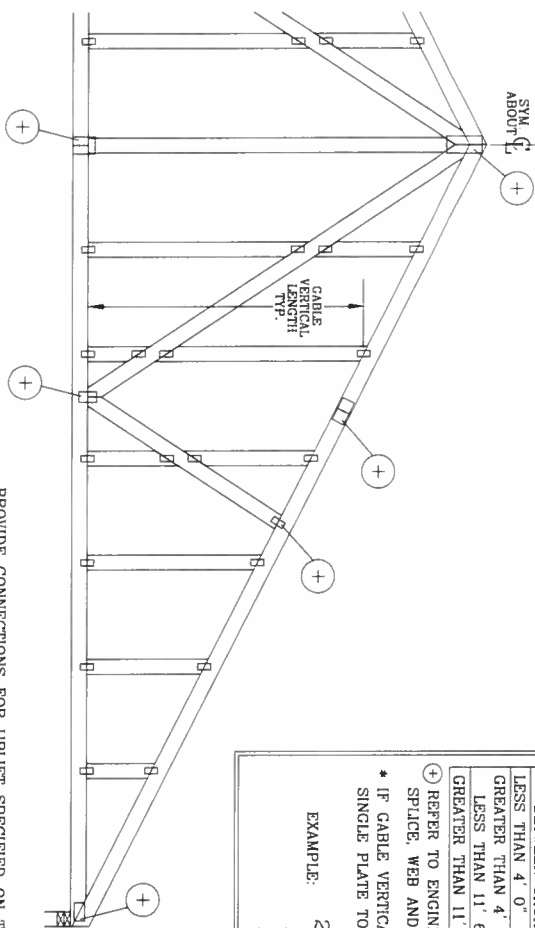
17W BUILDING COMPONENTS GROUP, INC.
PO BOX 200 BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 2108 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22304) AND WTCIA (WOOD TRUSS COUNCIL OF FLORIDA) 6300 WILHELM LANE, HUNTSVILLE, AL 35891) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. ALL TRUSSES SHALL BE PROPERLY ATTACHED TO THE EXISTING STRUCTURE. ALL TRUSS STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCO, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI) OR FABRICATING, HANDING, SHIPPING, INSTALLING, AND BRACING OF TRUSSES. ALL BUILDING COMPONENTS SHALL BE DESIGNED TO MEET THE FOLLOWING DESIGN SPEC. BY AISC404) AND TPI. ITV BCO CONNECTION PLATES ARE MADE OF 304) STAINLESS STEEL. (SEE DRAWING 1604-2) FOR GALV STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND JOINTS. (SEE DRAWING 1604-2) FOR DESIGN. POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY CID SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER 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 ANNEX A3 OF TPI 1 SEC 2.



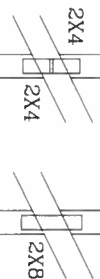
CABLE DETAIL FOR LET-IN VERTICALS



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

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

EXAMPLE:



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.
ATTACH EACH "T" REINFORCING MEMBER WITH
HAND DRIVEN NAILS:
10d COMMON (0.148" X 3" MIN) TOENAILS AT 4" O.C. PLUS
(4) 16d COMMON (0.162" X 3.5" MIN) TOENAILS IN TOP AND BOTTOM CHORD.

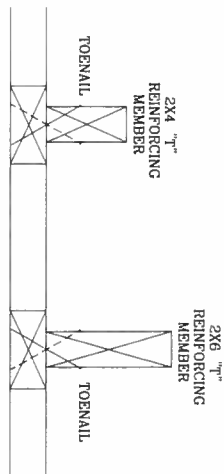
GUN DRIVEN NAILS:
8d COMMON (0.131" X 2.5" MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE CABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

- ASCE 7-93 CABLE DETAIL DRAWINGS
A11015E0207, A10015E0207, A08015E0207, A07015E0207,
A1030E0207, A10030E0207, A09030E0207, A08030E0207, A07030E0207
ASCE 7-98 CABLE DETAIL DRAWINGS
A13015E0207, A12015E0207, A11015E0207, A08515E0207,
A13030E0207, A12030E0207, A11030E0207, A08530E0207
ASCE 7-02 CABLE DETAIL DRAWINGS
A13015E0207, A12015E0207, A11015E0207, A08515E0207,
A13030E0207, A12030E0207, A11030E0207, A08530E0207
ASCE 7-05 CABLE DETAIL DRAWINGS
A13015E0207, A12015E0207, A11015E0207, A08515E0207,
A13030E0207, A12030E0207, A11030E0207, A08530E0207

SEE APPROPRIATE ALPINE CABLE DETAIL (ASCE OR SBCCI WIND LOAD) FOR MAXIMUM UNREINFORCED CABLE VERTICAL LENGTH.

THIS DRAWING REPLACES DRAWINGS GAB98117 876.719 & HC26294035



TO CONVERT FROM "T" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON CABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "T" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE CABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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

WEB LENGTH INCREASE W/ "T" BRACE

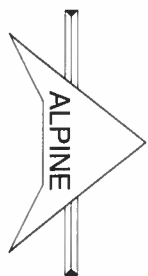
WIND SPEED AND MBR.	"T" REINF. SIZE	SBCCI	ASCE
110 MPH	2x4	10 %	10 %
15 FT	2x6	40 %	50 %
110 MPH	2x4	10 %	10 %
30 FT	2x6	50 %	50 %
100 MPH	2x4	10 %	10 %
15 FT	2x6	30 %	50 %
100 MPH	2x4	10 %	10 %
30 FT	2x6	40 %	40 %
90 MPH	2x4	20 %	10 %
15 FT	2x6	20 %	40 %
90 MPH	2x4	10 %	10 %
30 FT	2x6	30 %	50 %
80 MPH	2x4	10 %	20 %
15 FT	2x6	10 %	30 %
80 MPH	2x4	20 %	10 %
30 FT	2x6	20 %	40 %
70 MPH	2x4	0 %	20 %
15 FT	2x6	0 %	20 %
70 MPH	2x4	10 %	20 %
30 FT	2x6	10 %	30 %

EXAMPLE:

ASCE WIND SPEED = 100 MPH
MEAN ROOF HEIGHT = 30 FT
CABLE VERTICAL = 24" O.C. SP #3

"T" REINFORCING MEMBER SIZE = 2X4
(1) 2X4 "T" BRACE LENGTH = 6' 7"

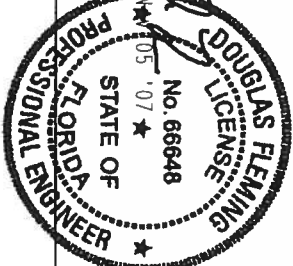
MAXIMUM "T" REINFORCED CABLE VERTICAL LENGTH
1.10 X 6' 7" = 7' 3"



ITW BUILDING COMPONENTS GROUP, INC.
POMPAHO BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY ITI TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314, AND WITA CWOOD 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. ITI BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH ITI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PDA) AND ITI. ITI, BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (V4/SS/K) ASTM A563 GRADE 40/60 (V4/K/H/SS) GALV. STEEL. TOP AND BOTTOM PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS PER DRAWING, ALL TRUSS TOENAILS SHALL BE 16D COMMON (0.162" X 3.5" MIN) DRIVEN NAILS. ITI BCG ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWS THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



MAX TOT. LD. 60 PSF
DUR. FAC. ANY
MAX SPACING 24.0"

REF LET-IN VERT
DATE 2/23/07
DRWG GBLLETTIN0207
-ENG DLJ/KAR

TOP CHORD 2X4 #2 OR BETTER
BOT CHORD 2X4 #2 OR BETTER
WEBS 2X4 #3 OR BETTER

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER.

PIGGBACK BOTTOM CHORD MAY BE OMITTED. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH 1.5X3 PLATE.

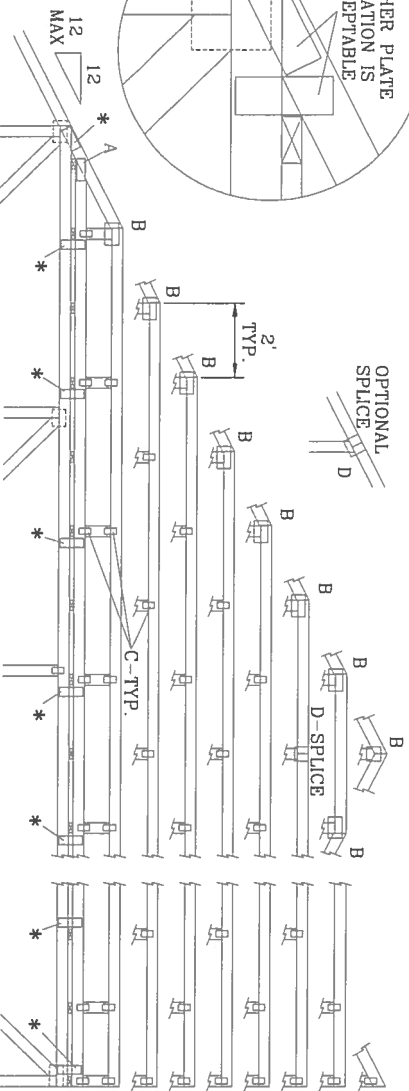
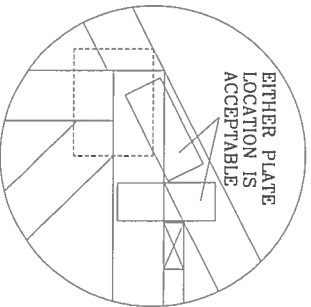
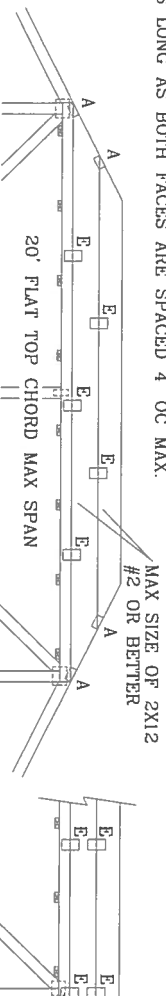
ATTACH PURLINS TO TOP OF PLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BENEATH THE TOP CHORD OF SUPPORTING TRUSS

REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

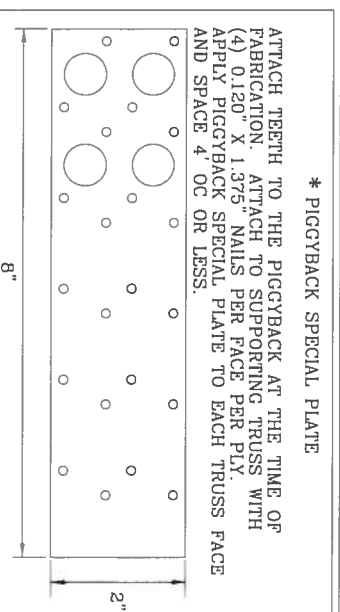
130 MPH WIND, 30' MEAN HGT, ASCE 7-98, ASCE 7-02 OR
ASCE 7-05, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II,
EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF
110 MPH WIND, 30' MEAN HGT, SRC
ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF
WIND TC DL=5 PSF, WIND BC DL=5 PSF

FRONT FACE (E.*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4" OC MAX.



*ATTACH PIGGYBACK WITH 3X8 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE.

THIS DRAWING REPLACES DRAWINGS 634.016 634.017 & 847.045



*** PIGGYBACK SPECIAL PLATE**

ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4' OC OR LESS.

ATTACH TRULOX PLATES WITH (8) 0.120" X 1.375" NAILS OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION.

JOINT TYPE	SPANS UP TO			
	30'	34'	38'	52'
A	2X4	2.5X4	2.5X4	3X5
B	4X6	5X6	5X6	5X6
C	1.5X3	1.5X4	1.5X4	1.5X4
D	5X4	5X5	5X5	5X6
E	4X6 OR 3X6 TRULOX AT 4' OC, ROTATED VERTICALLY			

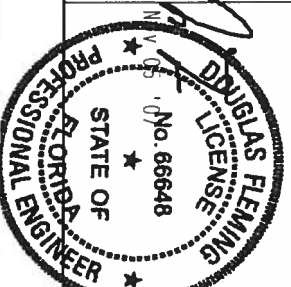
WEB BRACING CHART	
WEB LENGTH	REQUIRED BRACING
0' TO 7'9"	NO BRACING
7'9" TO 10'	1x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d BOX (0.113" X 2.5" MIN) NAILS AT 4" OC.
10' TO 14'	2x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d BOX (0.135" X 3.5" MIN) NAILS AT 4" OC.

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPAHO BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTENSIVE COMPONENT FABRICATING, HANDING, SHIPPING, INSTALLATION AND BRACING. REFER TO BEST AVAILABLE COMPANET SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE MANUFACTURER, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22304 AND VICA CAVED TRUSS COUNCIL, INC., AUSTIN, TEXAS 78701. THE TRUSS PLATE MANUFACTURER'S INSTRUCTIONS MUST BE FOLLOWED. THE TRUSS PLATE MANUFACTURER, 6300 ENTERPRISE LN, MADISON, VT 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. THE BGC SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY CONTRACTOR TO BUILD THE TRUSS IN CONFORMANCE WITH THE DR FABRICATING, HANDING, SHIPPING, INSTALLING, AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASA) AND TPI. TPI, BGC CONNECTOR PLATES ARE MADE OF 20/19/16/6 GA (V/AH/SS/CA) ASTM A653 GRADE 40/60 (V/AH/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON/DO NOT EXCEED 160'-2". ANY INSPECTION OF PLATES FOLLOWED BY CID SHALL BE PERFORMED. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN, THE SUITABILITY AND ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHALL BE THE RESPONSIBILITY OF THIS COMPANY FOR ANY BUILDING. IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER AIA/ASA/TPI 1 SEC. 2



MAX LOADING	REF	PIGCYBACK
55 PSF AT	DATE	2/23/07
1.33 DUR. FAC.	DRWG	PIGBACKB020
50 PSF AT	-ENG	DLJ/KAR
1.25 DUR. FAC.		
47 PSF AT		
1.15 DUR. FAC.		
SPACING 24.0"		

140 MPH WIND, 30.0 FT MEAN HGT, ASCE 7-98, PART. ENC. BLDG. LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TCOL=5.0 PSF, WIND BCOL=5.0 PSF.

140 MPH WIND, 30.0 FT MEAN HGT, ASCE 7-02, PART. ENC. BLDG. LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TCOL=5.0 PSF, WIND BCOL=5.0 PSF.

+ FOR VERTICAL WEBS LESS THAN 4'0": W1X4 FOR VERTICAL WEBS GREATER THAN 4'0" BUT NO MORE THAN 11'6": W2X4.

* SPLICE, PEAK, AND HEEL PLATES TO MATCH COMMON TRUSS.

** 2X4 OR GREATER CHORDS.

DROP GABLE WILL SUPPORT 4'0" OUTLOOKERS WITH 2'0" OVERHANG (DROP HEEL GABLE) SPACED 24" O.C., OR THE LOAD FROM 12" PLYWOOD OVERHANG (NOMINAL HEEL GABLE).

IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO DESIGN THE ROOF AND CEILING DIAPHRAGMS AND SPECIFY CONNECTIONS TO TRANSFER ALL OUT-OF-PLANE LOADS INTO THE ROOF AND CEILING DIAPHRAGMS.

THE BUILDING DESIGNER IS RESPONSIBLE FOR THE GABLE SHEAR WALL DESIGN, CEILING AND ROOF SHEATHING DIAPHRAGM CONNECTIONS, AND ALL TRUSS TO WALL CONNECTIONS.

++ 7/16 MINIMUM APA RATED SHEATHING PROPERLY ATTACHED WITH LONG DIMENSION PERPENDICULAR TO SUPPORTS.

R1 NOTE: NAIL STEPS OF LADDER TRUSS ONTO THE OUTSIDE PIECES WITH 2-16D NAILS AT EACH END.

R1 NOTE: ATTACH LADDER TRUSS TO TOP CHORD OF GABLE TRUSS WITH TWO ROWS OF 16D NAILS @ 8" O.C. STAGGERED 4"

ALT. GABLE SHAPES:



Note: All Plates Are 2X4 Except As Shown.

PLT TYP. Wave TPI-95

Design Crit: TPI-1995(STD)

R3: REVISED DIAPHRAGM NOTE. DLJ 02/27/2006

R2: REVISED FOR ASCE 7-02. DLJ 09/30/2005

R1 REV 2-5-02 JWC

DETAIL: 140GC Scale = .375"/ft.

BRACING DEFINITIONS:
NOTE: "END ZONE" EXISTS 18" AT BOTH ENDS OF VERTICAL WEB.

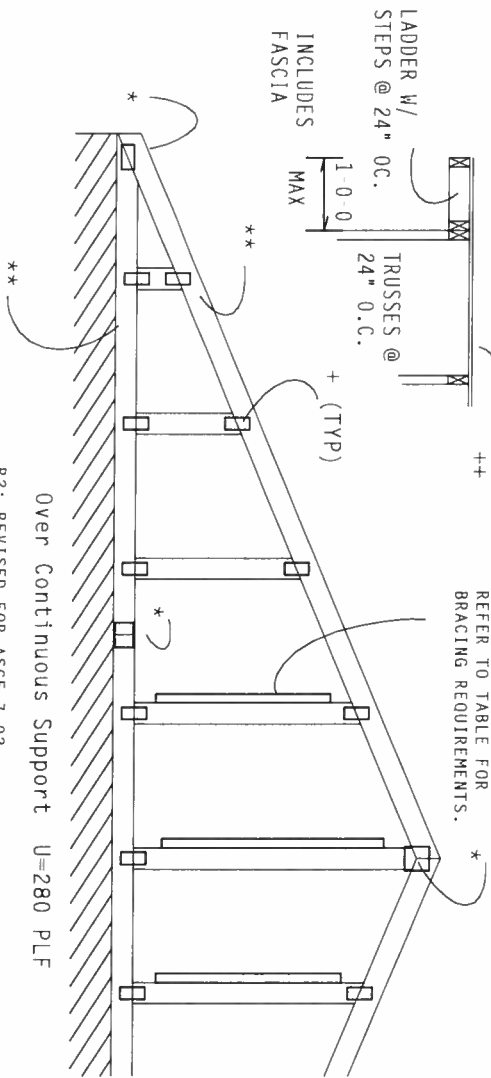
- (A) (1) 2X4 SP #3 "L" BRACE. ATTACH WITH 0.128"X3" NAILS @ 2" OC. IN END ZONES: 4" OC. BETWEEN ZONES.
- (B) (2) 2X4 SP #3 "L" BRACES. ATTACH EACH WITH 0.128"X3" NAILS @ 3" OC. IN END ZONES: 6" OC. BETWEEN ZONES.
- (C) (1) 2X6 SP #2 N "L" BRACE. ATTACH WITH 0.128"X3" NAILS @ 2" OC. IN END ZONES: 4" OC. BETWEEN ZONES.
- (D) (2) 2X6 SP #2 N "L" BRACES. ATTACH EACH WITH 0.128"X3" NAILS @ 3" OC. IN END ZONES: 6" OC. BETWEEN ZONES.

STUD SPACING / BRACING TABLE:

2X4 SP #3 STUD SPACING	DEFLECTION CRITERIA	NO BRACE	(1) 2X4 "L" BRACE TYPE (A)	(2) 2X4 "L" BRACE TYPE (B)	(1) 2X6 "L" BRACE TYPE (C)	(2) 2X6 "L" BRACE TYPE (D)
24"	L/360		3' 1"	4' 2"	6' 3"	8' 0"
24"	L/180		3' 4"	5' 7"	6' 3"	11' 0"
16"	L/360		3' 11"	5' 3"	7' 10"	9' 11"
16"	L/180		4' 9"	7' 4"	9' 6"	11' 0"
12"	L/360		4' 7"	6' 1"	8' 11"	11' 0"
12"	L/180		5' 11"	8' 5"	11' 0"	11' 0"

OVERHANG DETAIL

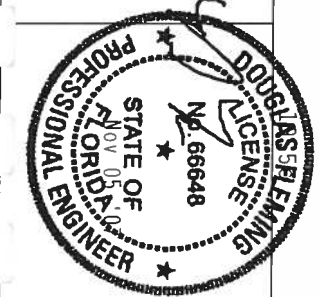
REFER TO TABLE FOR BRACING REQUIREMENTS.



Over Continuous Support U=280 PLF

ALPINE
Alpine Engineered Products, Inc.
1550 Markey Drive
Haines City, FL 33844
Phone: 888.356.3567

WARNING TRUSSES ROUTED EXTERIOR CODE IN FABRIC & TIE HARD TIE. TRUSSING, RETAILING AND BRACING. REFER TO DECS 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSSING PLATE INSTITUTE), 1000 RIVINGTON DR., SUITE 200, MADISON, WI 53719, AND WICKA WOOD TRUSS CONSULTING, INC., 1000 RIVINGTON DR., SUITE 200, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PE FORMING. THE E-1 CONNECTIONS MUST BE IDENTIFIED AND ATTACHED TO THE TRUSSING PLATE. THE TRUSSING PLATE MUST BE IDENTIFIED AND ATTACHED TO THE TRUSSING PLATE. THE TRUSSING PLATE MUST BE IDENTIFIED AND ATTACHED TO THE TRUSSING PLATE.



TC LL	30.0 PSF	REF	R001-- 0
TC DL	7.0 PSF	DATE	03/27/02
BC DL	10.0 PSF	DRW	HCSR001 02086015
BC LL	0.0 PSF	HC-ENG	DLJ/DLJ
TOT.LD.	47.0 PSF	SEQN-	24860
DUR.FAC.	1.33		
SPACING	24.0"	JRFF-	15V3001 R03

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

140 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-98, PART. ENCLOSED BLDG.
CAT II, EXP. C.
140 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02, PART. ENCLOSED BLDG.
CAT II, EXP. C.
140 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02, PART. ENCLOSED BLDG.
CAT II, EXP. C.

2x4	SPACING	MAX. LENGTH
2x4	24" O.C.	2'-1"

NOTE: NAIL STEPS OF LADDER TRUSS ONTO THE OUTSIDE PIECES WITH 2-16D NAILS AT EACH END.

NOTE: ATTACH LADDER TRUSS TO TOP CHORD OF GABLE TRUSS WITH TWO ROWS OF 16D NAILS @ 8" O.C. STAGGERED 4"

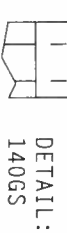
+++ 7/16 MINIMUM APA RATED SHEATHING PROPERLY ATTACHED WITH LONG DIMENSION PERPENDICULAR TO SUPPORTS.

R2: REVISED FOR ASCE 7-02
D1.1 09/30/2005

DLJ 09/30/2005

R3: REVISED DIAPHRAGM NOTE
 D17 02/27/2005

02/21/2006 DLJ



Note: All Plates Are 2X4 Except As Shown.

PLT TYP. Wave TPI-95

Design Criteria: IPI (SID)

REV 2-6-2002 JWC
QTY: 1
AS FILED
JAN 10 2003
FBI - NEW YORK

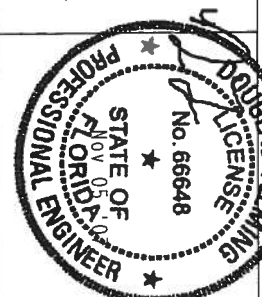
Q1Y:1 H1/-/1/-/1/R/

$$\frac{SCA16 \equiv 3129}{F.L.}$$

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive

IT Certificate of Achievement on # 567



TC LL	30.0 PSF	REF	R001 - - 0
TC DL	15.0 PSF	DATE	03/27/02
BC DL	10.0 PSF	DRW	HCSUR001 02086012
BC LL	0.0 PSF	HC-ENG	DLJ/DLJ
TOT.LD.	55.0 PSF	SEON	- 24104
DUR.FAC.	1.33	FROM	HC

A3001_K03