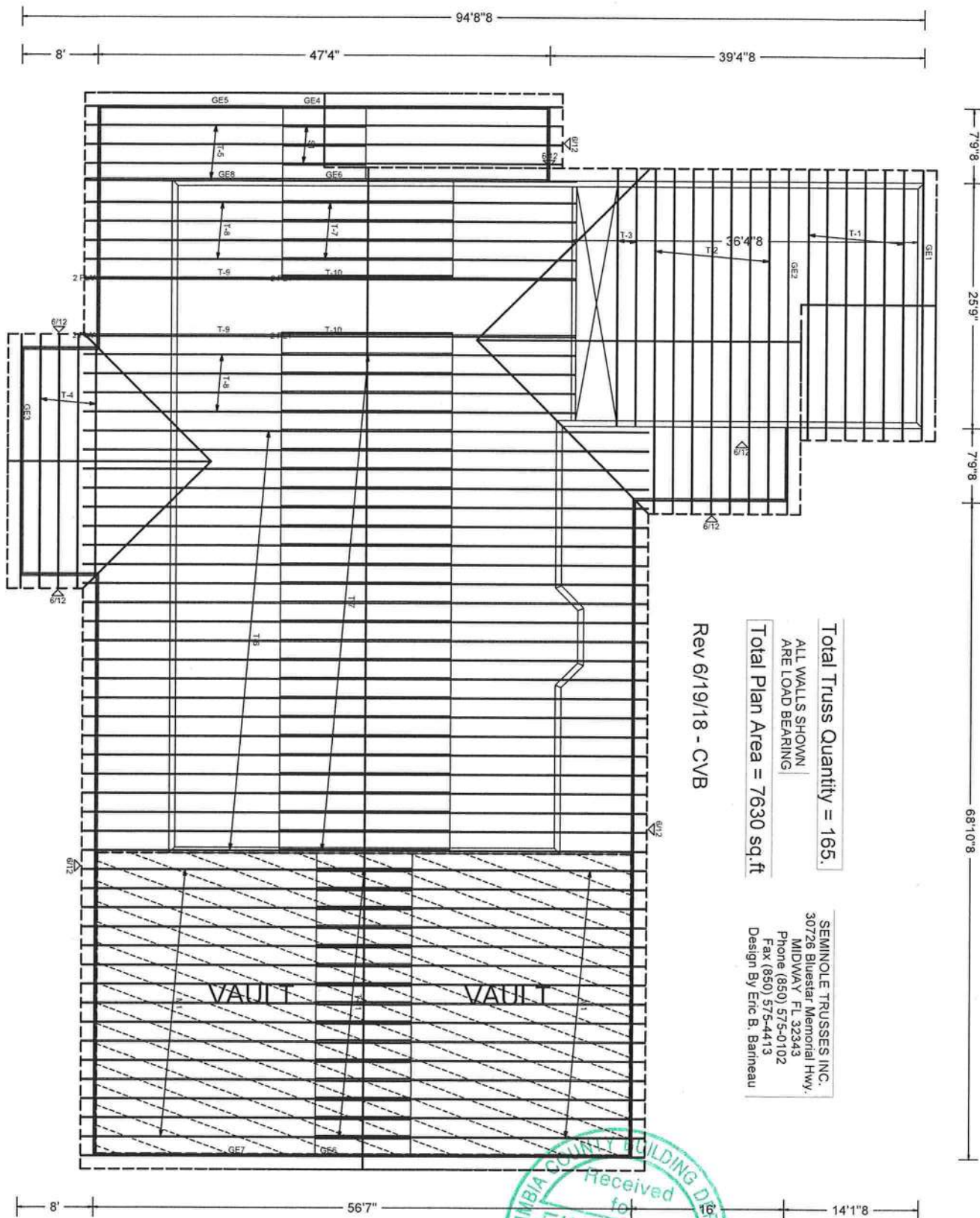




Total Truss Quantity = 165.

ALL WALLS SHOWN
ARE LOAD BEARING

Total Plan Area = 7630 sq. ft

Rev 6/19/18 - CVB

SEMINOLE TRUSSES INC.
30726 Bluestar Memorial Hwy.
MIDWAY FL 32343
Phone (850) 575-0102
Fax (850) 575-4413
Design By Eric B. Barneau



Job Name: Stone Res - Main Bldg
Customer: Curt Burlingame
Designer: Eric Barneau
PlanName: Trademark Const
Created : 06-19-2018
SemRef# : B47717aa

JOB NO:
B47717aa

PAGE NO:
1 OF 1



Alpine, an ITW Company
6750 Forum Drive, Suite 305
Orlando, FL 32837
Phone: (800)755-6001
alpineitw.com

Site Information:

Customer: Seminole Trusses, Inc.	Job Number: B47717aa
Job Description: Stone Res - Main Bldg -Stone Res - Main Bldg Curt Burlingame	
Address:	City, State, Zip: LAKE CITY, FL

Name, Address and License # of Structural EOR if one exists for the building:

Name:	License #:	State:
Address:	City, State, Zip:	

Job Engineering Criteria:

Design Code: FBC 2017 RES	View Version: 17.02.02.1213.21	JRef #: 1WbZ8570002
Wind Standard: ASCE 7-10	Wind Speed (mph): 130	Roof Load (psf): 20.00- 7.00- 0.00- 10.00
		Floor Load (psf): None

This package contains a job notes page, 21 truss drawings and 5 details.

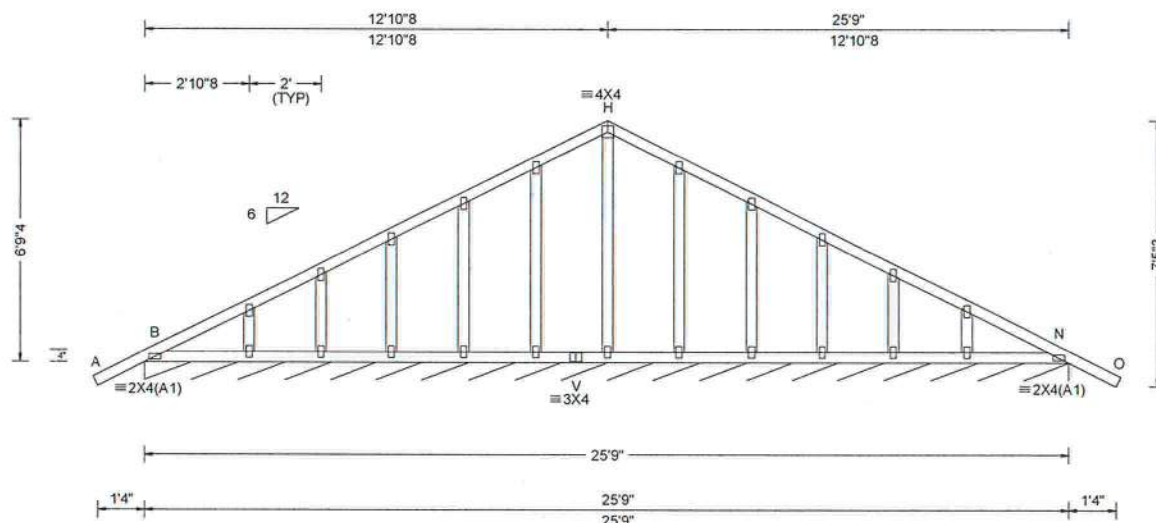
Item	Seal #	Truss
1	171.18.1550.43207	GE1
3	171.18.1550.50497	GE3
5	171.18.1550.57073	GE5
7	171.18.1551.30470	GE7
9	171.18.1551.40390	M1
11	171.18.1551.45730	T-1
13	171.18.1551.50367	T-11
15	171.18.1551.53907	T-3
17	171.18.1552.02167	T-5
19	171.18.1552.10677	T-7
21	171.18.1552.24730	T-9

Item	Seal #	Truss
2	171.18.1550.48797	GE2
4	171.18.1550.53080	GE4
6	171.18.1550.58967	GE6
8	171.18.1551.32873	GE8
10	171.18.1551.43917	S1
12	171.18.1551.49030	T-10
14	171.18.1551.52253	T-2
16	171.18.1552.00190	T-4
18	171.18.1552.07703	T-6
20	171.18.1552.17840	T-8

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06/20/2018



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc R /U /Rw /Rh /RL /W
TCDL: 7.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 I 999 360	N* 117 /26 /43 /- /11 /308
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(TL): 0.004 I 999 240	Wind reactions based on MWFRS
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.002 I - -	N Min Brg Width Req = -
	EXP: C		HORZ(TL): 0.003 I - -	Bearing B Fcperp = 425psi.
Des Ld: 37.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	
NCBCLL: 10.00	TCDL: 4.2 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.208	Members not listed have forces less than 375#
Soffit: 0.00	BCDL: 5.2 psf	TPI Std: 2014	Max BC CSI: 0.039	
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	Rep Factors Used: Yes	Max Web CSI: 0.119	
Spacing: 24.0 "	C&C Dist a: 3.00 ft	FT/RT:20(0)/0(0)		
	Loc. from endwall: Any	Plate Type(s):		
	GCpi: 0.18	WAVE		
	Wind Duration: 1.60		VIEW Ver: 17.02.02A.1213.21	

Lumber

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Plating Notes

All plates are 2X4 except as noted.
Plates sized for a minimum of 3.50 sq.in./piece.

Loading

Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 6.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Wind

Wind loads based on MWFRS with additional C&C member design.

Additional Notes

See DWGS A14015ENC101014 & GBLLTIN0118 for gable wind bracing and other requirements.



06/20/2018

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

IMPORTANT: FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Suppliers Institute) Publication BCS1-100, "Truss Bracing Practices for Performing these Functions." Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have bracing per BCSI attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B9 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

Apne, a division of ITW Building Components Group Inc., shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of truss. A drawing for cover build and listing this drawing indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2.

For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org



6750 Forum Drive
Suite 305
Orlando FL 32821

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc R /U /Rw /Rh /RL /W
TCDL: 7.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.072 P 999 360	B* 105 /21 /52 /- /22 /192
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(TL): 0.218 P 999 240	AD*135 /29 /63 /- /- /210
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.038 O - -	Wind reactions based on MWFRS
	EXP: C		HORZ(TL): 0.076 O - -	B Min Brg Width Req = -
Des Ld: 37.00	Mean Height: 15.00 ft		Creep Factor: 2.0	AD Min Brg Width Req = -
NCBCLL: 10.00	TCDL: 4.2 psf	Code / Misc Criteria	Max TC CSI: 0.779	Bearings B & AD are a rigid surface.
Soffit: 0.00	BCDL: 5.2 psf	Bldg Code: FBC 2017 RES	Max BC CSI: 0.499	
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max Web CSI: 0.586	
Spacing: 24.0 "	C&C Dist a: 3.35 ft	Rep Factors Used: Yes		Members not listed have forces less than 375#
	Loc. from endwall: not in 6.06 ft	FT/RT:20(0)/0(0)		Maximum Top Chord Forces Per Ply (lbs)
	GCpi: 0.18	Plate Type(s):		Chords Tens.Comp. Chords Tens. Comp.
	Wind Duration: 1.60	WAVE	VIEW Ver: 17.02.02A.1213.21	B - C 127 -516 W - X 758 -1236

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

All plates are 2X4 except as noted.
Plates sized for a minimum of 3.50 sq.in./piece.

Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 6.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

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

Wind loads based on MWFRS with additional C&C member design.

See DWGS A14015ENC101014 & GBLLTIN0118 for gable wind bracing and other requirements.

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)



06/20/2018

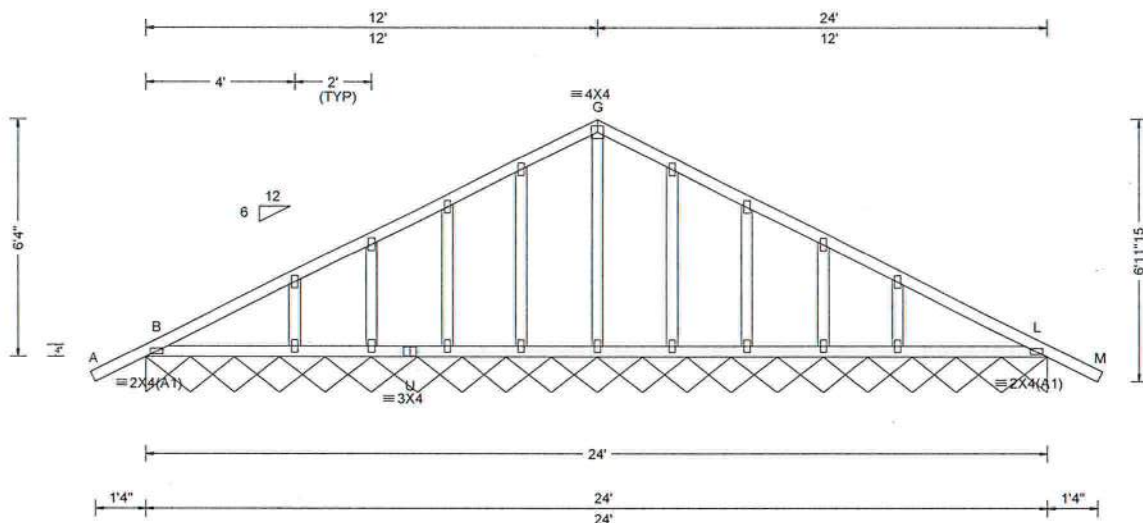
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Suppliers Institute) Manual for Trusses prior to performing these functions. Installers shall provide temporary bracing per BCSI, unless noted otherwise, top chord shall have proper lateral restraint and bracing as shown on drawings attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B4, B5, B6, B7, B8, B9, B10, B11, B12, B13, B14, B15, B16, B17, B18, B19, B20, B21, B22, B23, B24, B25, B26, B27, B28, B29, B30, B31, B32, B33, B34, B35, B36, B37, B38, B39, B40, B41, B42, B43, B44, B45, B46, B47, B48, B49, B50, B51, B52, B53, B54, B55, B56, B57, B58, B59, B60, B61, B62, B63, B64, B65, B66, B67, B68, B69, B70, B71, B72, B73, B74, B75, B76, B77, B78, B79, B80, B81, B82, B83, B84, B85, B86, B87, B88, B89, B90, B91, B92, B93, B94, B95, B96, B97, B98, B99, B100, B101, B102, B103, B104, B105, B106, B107, B108, B109, B110, B111, B112, B113, B114, B115, B116, B117, B118, B119, B120, B121, B122, B123, B124, B125, B126, B127, B128, B129, B130, B131, B132, B133, B134, B135, B136, B137, B138, B139, B140, B141, B142, B143, B144, B145, B146, B147, B148, B149, B150, B151, B152, B153, B154, B155, B156, B157, B158, B159, B160, B161, B162, B163, B164, B165, B166, B167, B168, B169, B170, B171, B172, B173, B174, B175, B176, B177, B178, B179, B180, B181, B182, B183, B184, B185, B186, B187, B188, B189, B190, B191, B192, B193, B194, B195, B196, B197, B198, B199, B200, B201, B202, B203, B204, B205, B206, B207, B208, B209, B210, B211, B212, B213, B214, B215, B216, B217, B218, B219, B220, B221, B222, B223, B224, B225, B226, B227, B228, B229, B230, B231, B232, B233, B234, B235, B236, B237, B238, B239, B240, B241, B242, B243, B244, B245, B246, B247, B248, B249, B250, B251, B252, B253, B254, B255, B256, B257, B258, B259, B260, B261, B262, B263, B264, B265, B266, B267, B268, B269, B270, B271, B272, B273, B274, B275, B276, B277, B278, B279, B280, B281, B282, B283, B284, B285, B286, B287, B288, B289, B290, B291, B292, B293, B294, B295, B296, B297, B298, B299, B300, B301, B302, B303, B304, B305, B306, B307, B308, B309, B310, B311, B312, B313, B314, B315, B316, B317, B318, B319, B320, B321, B322, B323, B324, B325, B326, B327, B328, B329, B330, B331, B332, B333, B334, B335, B336, B337, B338, B339, B340, B341, B342, B343, B344, B345, B346, B347, B348, B349, B350, B351, B352, B353, B354, B355, B356, B357, B358, B359, B360, B361, B362, B363, B364, B365, B366, B367, B368, B369, B370, B371, B372, B373, B374, B375, B376, B377, B378, B379, B380, B381, B382, B383, B384, B385, B386, B387, B388, B389, B390, B391, B392, B393, B394, B395, B396, B397, B398, B399, B400, B401, B402, B403, B404, B405, B406, B407, B408, B409, B410, B411, B412, B413, B414, B415, B416, B417, B418, B419, B420, B421, B422, B423, B424, B425, B426, B427, B428, B429, B430, B431, B432, B433, B434, B435, B436, B437, B438, B439, B440, B441, B442, B443, B444, B445, B446, B447, B448, B449, B450, B451, B452, B453, B454, B455, B456, B457, B458, B459, B460, B461, B462, B463, B464, B465, B466, B467, B468, B469, B470, B471, B472, B473, B474, B475, B476, B477, B478, B479, B480, B481, B482, B483, B484, B485, B486, B487, B488, B489, B490, B491, B492, B493, B494, B495, B496, B497, B498, B499, B500, B501, B502, B503, B504, B505, B506, B507, B508, B509, B510, B511, B512, B513, B514, B515, B516, B517, B518, B519, B520, B521, B522, B523, B524, B525, B526, B527, B528, B529, B530, B531, B532, B533, B534, B535, B536, B537, B538, B539, B540, B541, B542, B543, B544, B545, B546, B547, B548, B549, B550, B551, B552, B553, B554, B555, B556, B557, B558, B559, B560, B561, B562, B563, B564, B565, B566, B567, B568, B569, B570, B571, B572, B573, B574, B575, B576, B577, B578, B579, B580, B581, B582, B583, B584, B585, B586, B587, B588, B589, B590, B591, B592, B593, B594, B595, B596, B597, B598, B599, B600, B601, B602, B603, B604, B605, B606, B607, B608, B609, B610, B611, B612, B613, B614, B615, B616, B617, B618, B619, B620, B621, B622, B623, B624, B625, B626, B627, B628, B629, B630, B631, B632, B633, B634, B635, B636, B637, B638, B639, B640, B641, B642, B643, B644, B645, B646, B647, B648, B649, B650, B651, B652, B653, B654, B655, B656, B657, B658, B659, B660, B661, B662, B663, B664, B665, B666, B667, B668, B669, B670, B671, B672, B673, B674, B675, B676, B677, B678, B679, B680, B681, B682, B683, B684, B685, B686, B687, B688, B689, B690, B691, B692, B693, B694, B695, B696, B697, B698, B699, B700, B701, B702, B703, B704, B705, B706, B707, B708, B709, B710, B711, B712, B713, B714, B715, B716, B717, B718, B719, B720, B721, B722, B723, B724, B725, B726, B727, B728, B729, B730, B731, B732, B733, B734, B735, B736, B737, B738, B739, B740, B741, B742, B743, B744, B745, B746, B747, B748, B749, B750, B751, B752, B753, B754, B755, B756, B757, B758, B759, B760, B761, B762, B763, B764, B765, B766, B767, B768, B769, B770, B771, B772, B773, B774, B775, B776, B777, B778, B779, B780, B781, B782, B783, B784, B785, B786, B787, B788, B789, B790, B791, B792, B793, B794, B795, B796, B797, B798, B799, B800, B801, B802, B803, B804, B805, B806, B807, B808, B809, B810, B811, B812, B813, B814, B815, B816, B817, B818, B819, B820, B821, B822, B823

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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitv.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org



Ply: 1	SEQN: 515110 / T8	GABL	Cust: R857	JRef: 1WbZ8570002
Qty: 1	FROM: EBB		DrwNo: 171.18.1550.50497	
			SSB / WHK	06/20/2018



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or * =PLF
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc R /U /Rw /Rh /RL /W
TCDL: 7.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.002 W 999 360	L* 116 / 26 / 43 / - / 11 / 288
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(TL): 0.006 N 999 240	Wind reactions based on MWFRS
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.002 I - -	L Min Brg Width Req = -
	EXP: C		HORZ(TL): 0.003 I - -	Bearing B Fcperp = 425psi.
Des Ld: 37.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	
NCBCLL: 10.00	TCDL: 4.2 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.222	Members not listed have forces less than 375#
Soffit: 0.00	BCDL: 5.2 psf	TPI Std: 2014	Max BC CSI: 0.084	
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	Rep Factors Used: Yes	Max Web CSI: 0.102	
Spacing: 24.0 "	C&C Dist a: 3.00 ft	FT/RT:20(0)/0(0)		
	Loc. from endwall: Any	Plate Type(s):		
	GCpi: 0.18	WAVE		
	Wind Duration: 1.60		VIEW Ver: 17.02.02A.1213.21	

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

All plates are 2X4 except as noted.
Plates sized for a minimum of 3.50 sq.in./piece.

Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 6.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Wind loads based on MWFRS with additional C&C member design.

See DWGS A14015ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements.



06/20/2018

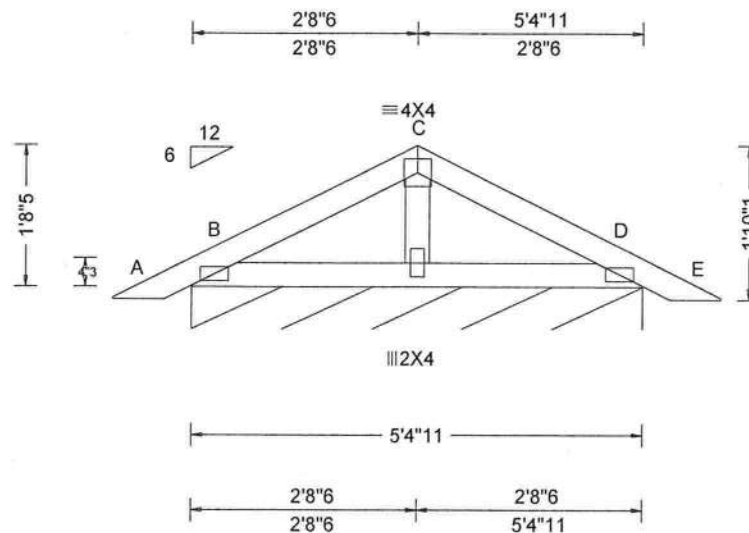
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

IMPORTANT: FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Suppliers' Information) Form 1000, and all BCSI safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI unless noted otherwise. To ensure proper attachment of structural members, all trusses shall be properly braced and supported at all attached rafter ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B4, B5, B6, B7, B8, B9, B10, B11, B12, B13, B14, B15, B16, B17, B18, B19, B20, B21, B22, B23, B24, B25, B26, B27, B28, B29, B30, B31, B32, B33, B34, B35, B36, B37, B38, B39, B40, B41, B42, B43, B44, B45, B46, B47, B48, B49, B50, B51, B52, B53, B54, B55, B56, B57, B58, B59, B60, B61, B62, B63, B64, B65, B66, B67, B68, B69, B70, B71, B72, B73, B74, B75, B76, B77, B78, B79, B80, B81, B82, B83, B84, B85, B86, B87, B88, B89, B90, B91, B92, B93, B94, B95, B96, B97, B98, B99, B100, B101, B102, B103, B104, B105, B106, B107, B108, B109, B110, B111, B112, B113, B114, B115, B116, B117, B118, B119, B120, B121, B122, B123, B124, B125, B126, B127, B128, B129, B130, B131, B132, B133, B134, B135, B136, B137, B138, B139, B140, B141, B142, B143, B144, B145, B146, B147, B148, B149, B150, B151, B152, B153, B154, B155, B156, B157, B158, B159, B160, B161, B162, B163, B164, B165, B166, B167, B168, B169, B170, B171, B172, B173, B174, B175, B176, B177, B178, B179, B180, B181, B182, B183, B184, B185, B186, B187, B188, B189, B190, B191, B192, B193, B194, B195, B196, B197, B198, B199, B200, B201, B202, B203, B204, B205, B206, B207, B208, B209, B210, B211, B212, B213, B214, B215, B216, B217, B218, B219, B220, B221, B222, B223, B224, B225, B226, B227, B228, B229, B230, B231, B232, B233, B234, B235, B236, B237, B238, B239, B240, B241, B242, B243, B244, B245, B246, B247, B248, B249, B250, B251, B252, B253, B254, B255, B256, B257, B258, B259, B260, B261, B262, B263, B264, B265, B266, B267, B268, B269, B270, B271, B272, B273, B274, B275, B276, B277, B278, B279, B280, B281, B282, B283, B284, B285, B286, B287, B288, B289, B290, B291, B292, B293, B294, B295, B296, B297, B298, B299, B300, B301, B302, B303, B304, B305, B306, B307, B308, B309, B310, B311, B312, B313, B314, B315, B316, B317, B318, B319, B320, B321, B322, B323, B324, B325, B326, B327, B328, B329, B330, B331, B332, B333, B334, B335, B336, B337, B338, B339, B340, B341, B342, B343, B344, B345, B346, B347, B348, B349, B350, B351, B352, B353, B354, B355, B356, B357, B358, B359, B360, B361, B362, B363, B364, B365, B366, B367, B368, B369, B370, B371, B372, B373, B374, B375, B376, B377, B378, B379, B380, B381, B382, B383, B384, B385, B386, B387, B388, B389, B390, B391, B392, B393, B394, B395, B396, B397, B398, B399, B400, B401, B402, B403, B404, B405, B406, B407, B408, B409, B410, B411, B412, B413, B414, B415, B416, B417, B418, B419, B420, B421, B422, B423, B424, B425, B426, B427, B428, B429, B430, B431, B432, B433, B434, B435, B436, B437, B438, B439, B440, B441, B442, B443, B444, B445, B446, B447, B448, B449, B450, B451, B452, B453, B454, B455, B456, B457, B458, B459, B460, B461, B462, B463, B464, B465, B466, B467, B468, B469, B470, B471, B472, B473, B474, B475, B476, B477, B478, B479, B480, B481, B482, B483, B484, B485, B486, B487, B488, B489, B490, B491, B492, B493, B494, B495, B496, B497, B498, B499, B500, B501, B502, B503, B504, B505, B506, B507, B508, B509, B510, B511, B512, B513, B514, B515, B516, B517, B518, B519, B520, B521, B522, B523, B524, B525, B526, B527, B528, B529, B530, B531, B532, B533, B534, B535, B536, B537, B538, B539, B540, B541, B542, B543, B544, B545, B546, B547, B548, B549, B550, B551, B552, B553, B554, B555, B556, B557, B558, B559, B560, B561, B562, B563, B564, B565, B566, B567, B568, B569, B570, B571, B572, B573, B574, B575, B576, B577, B578, B579, B580, B581, B582, B583, B584, B585, B586, B587, B588, B589, B590, B591, B592, B593, B594, B595, B596, B597, B598, B599, B600, B601, B602, B603, B604, B605, B606, B607, B608, B609, B610, B611, B612, B613, B614, B615, B616, B617, B618, B619, B620, B621, B622, B623, B624, B625, B626, B627, B628, B629, B630, B631, B632, B633, B634, B635, B636, B637, B638, B639, B640, B641, B642, B643, B644, B645, B646, B647, B648, B649, B650, B651, B652, B653, B654, B655, B656, B657, B658, B659, B660, B661, B662, B663, B664, B665, B666, B667, B668, B669, B670, B671, B672, B673, B674, B675, B676, B677, B678, B679, B680, B681, B682, B683, B684, B685, B686, B687, B688, B689, B690, B691, B692, B693, B694, B695, B696, B697, B698, B699, B700, B701, B702, B703, B704, B705, B706, B707, B708, B709, B710, B711, B712, B713, B714, B715, B716, B717, B718, B719, B720, B721, B722, B723, B724, B725, B726, B727, B728, B729, B730, B731, B732, B733, B734, B735, B736, B737, B738, B739, B740, B741, B742, B743, B744, B745, B746, B747, B748, B749, B750, B751, B752, B753, B754, B755, B756, B757, B758, B759, B760, B761, B762, B763, B764, B765, B766, B767, B768, B769, B770, B771, B772, B773, B774, B775, B776, B777, B778, B779, B780, B781, B782, B783, B784, B785, B786, B787, B788, B789, B790, B791, B792, B793, B794, B795, B796, B797, B798, B799, B800, B801, B802, B803, B804, B805, B806, B807, B808, B809, B810, B811, B812, B813, B814, B815, B8

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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or * =PLF
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc R / U / Rw / Rh / RL / W
TCDL: 7.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): -0.002 F 999 360	B* 112 / 128 / 46 / - / 14 / 64.7
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(TL): -0.003 F 999 240	Wind reactions based on MWFRS
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.002 F - -	B Min Brg Width Req = -
	EXP: C		HORZ(TL): 0.002 F - -	Bearing B is a rigid surface.
Des Ld: 37.00	Mean Height: 21.02 ft		Creep Factor: 2.0	
NCBCLL: 0.00	TCDL: 4.2 psf	Code / Misc Criteria	Max TC CSI: 0.123	
Soffit: 0.00	BCDL: 2.0 psf	Bldg Code: FBC 2017 RES	Max BC CSI: 0.063	
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max Web CSI: 0.015	
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Factors Used: Yes		
	Loc. from endwall: Any	FT/RT:20(0)/0(0)		
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	WAVE		
			VIEW Ver: 17.02.02A.1213.21	Members not listed have forces less than 375#

Lumber

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Plating Notes

All plates are 2X4(A1) except as noted.
Plates sized for a minimum of 3.50 sq.in./piece.

Loading

Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 6.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Purlins

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

Wind

Wind loads based on MWFRS with additional C&C member design.

Additional Notes

See DWGS A14030ENC101014 & GBLLETIN0118 for
gable wind bracing and other requirements.
Refer to DWG PB160101014 for piggyback details.



06/20/2018

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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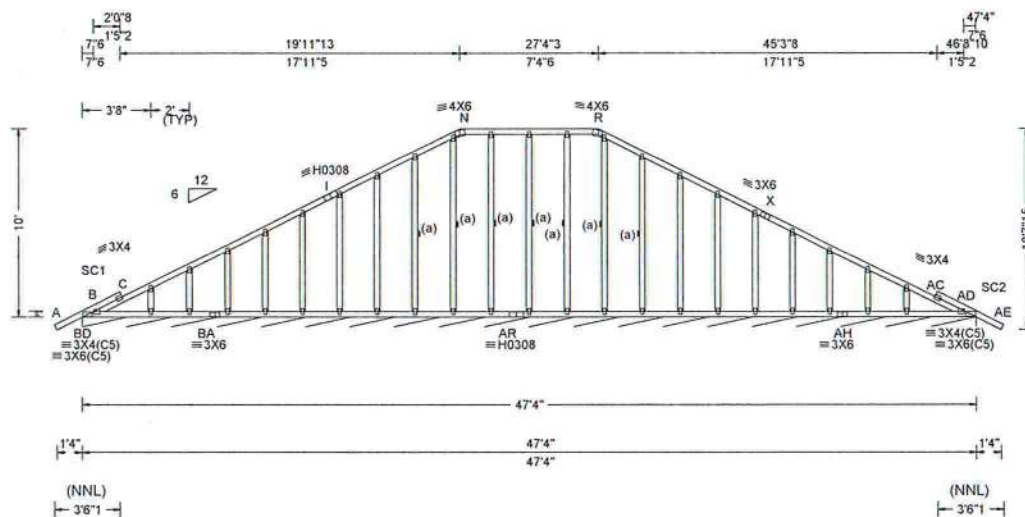
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Suppliers Institute) or AIA (American Institute of Architects) safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord struts shall be installed in the top chord of the truss and bottom chord struts shall have a precast attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, B8, B9, B10, B11, B12, B13, B14, B15, B16, B17, B18, B19, B20, B21, B22, B23, B24, B25, B26, B27, B28, B29, B30, B31, B32, B33, B34, B35, B36, B37, B38, B39, B40, B41, B42, B43, B44, B45, B46, B47, B48, B49, B50, B51, B52, B53, B54, B55, B56, B57, B58, B59, B60, B61, B62, B63, B64, B65, B66, B67, B68, B69, B70, B71, B72, B73, B74, B75, B76, B77, B78, B79, B80, B81, B82, B83, B84, B85, B86, B87, B88, B89, B90, B91, B92, B93, B94, B95, B96, B97, B98, B99, B100, B101, B102, B103, B104, B105, B106, B107, B108, B109, B110, B111, B112, B113, B114, B115, B116, B117, B118, B119, B120, B121, B122, B123, B124, B125, B126, B127, B128, B129, B130, B131, B132, B133, B134, B135, B136, B137, B138, B139, B140, B141, B142, B143, B144, B145, B146, B147, B148, B149, B150, B151, B152, B153, B154, B155, B156, B157, B158, B159, B160, B161, B162, B163, B164, B165, B166, B167, B168, B169, B170, B171, B172, B173, B174, B175, B176, B177, B178, B179, B180, B181, B182, B183, B184, B185, B186, B187, B188, B189, B190, B191, B192, B193, B194, B195, B196, B197, B198, B199, B200, B201, B202, B203, B204, B205, B206, B207, B208, B209, B210, B211, B212, B213, B214, B215, B216, B217, B218, B219, B220, B221, B222, B223, B224, B225, B226, B227, B228, B229, B230, B231, B232, B233, B234, B235, B236, B237, B238, B239, B240, B241, B242, B243, B244, B245, B246, B247, B248, B249, B250, B251, B252, B253, B254, B255, B256, B257, B258, B259, B260, B261, B262, B263, B264, B265, B266, B267, B268, B269, B270, B271, B272, B273, B274, B275, B276, B277, B278, B279, B280, B281, B282, B283, B284, B285, B286, B287, B288, B289, B290, B291, B292, B293, B294, B295, B296, B297, B298, B299, B300, B301, B302, B303, B304, B305, B306, B307, B308, B309, B310, B311, B312, B313, B314, B315, B316, B317, B318, B319, B320, B321, B322, B323, B324, B325, B326, B327, B328, B329, B330, B331, B332, B333, B334, B335, B336, B337, B338, B339, B340, B341, B342, B343, B344, B345, B346, B347, B348, B349, B350, B351, B352, B353, B354, B355, B356, B357, B358, B359, B360, B361, B362, B363, B364, B365, B366, B367, B368, B369, B370, B371, B372, B373, B374, B375, B376, B377, B378, B379, B380, B381, B382, B383, B384, B385, B386, B387, B388, B389, B390, B391, B392, B393, B394, B395, B396, B397, B398, B399, B400, B401, B402, B403, B404, B405, B406, B407, B408, B409, B410, B411, B412, B413, B414, B415, B416, B417, B418, B419, B420, B421, B422, B423, B424, B425, B426, B427, B428, B429, B430, B431, B432, B433, B434, B435, B436, B437, B438, B439, B440, B441, B442, B443, B444, B445, B446, B447, B448, B449, B450, B451, B452, B453, B454, B455, B456, B457, B458, B459, B460, B461, B462, B463, B464, B465, B466, B467, B468, B469, B470, B471, B472, B473, B474, B475, B476, B477, B478, B479, B480, B481, B482, B483, B484, B485, B486, B487, B488, B489, B490, B491, B492, B493, B494, B495, B496, B497, B498, B499, B500, B501, B502, B503, B504, B505, B506, B507, B508, B509, B510, B511, B512, B513, B514, B515, B516, B517, B518, B519, B520, B521, B522, B523, B524, B525, B526, B527, B528, B529, B530, B531, B532, B533, B534, B535, B536, B537, B538, B539, B540, B541, B542, B543, B544, B545, B546, B547, B548, B549, B550, B551, B552, B553, B554, B555, B556, B557, B558, B559, B560, B561, B562, B563, B564, B565, B566, B567, B568, B569, B570, B571, B572, B573, B574, B575, B576, B577, B578, B579, B580, B581, B582, B583, B584, B585, B586, B587, B588, B589, B590, B591, B592, B593, B594, B595, B596, B597, B598, B599, B600, B601, B602, B603, B604, B605, B606, B607, B608, B609, B610, B611, B612, B613, B614, B615, B616, B617, B618, B619, B620, B621, B622, B623, B624, B625, B626, B627, B628, B629, B630, B631, B632, B633, B634, B635, B636, B637, B638, B639, B640, B641, B642, B643, B644, B645, B646, B647, B648, B649, B650, B651, B652, B653, B654, B655, B656, B657, B658, B659, B660, B661, B662, B663, B664, B665, B666, B667, B668, B669, B670, B671, B672, B673, B674, B675, B676, B677, B678, B679, B680, B681, B682, B683, B684, B685, B686, B687, B688, B689, B690, B691, B692, B693, B694, B695, B696, B697, B698, B699, B700, B701, B702, B703, B704, B705, B706, B707, B708, B709, B710, B711, B712, B713, B714, B715, B716, B717, B718, B719, B720, B721, B722, B723, B724, B725, B726, B727, B728, B729, B730, B731, B732, B733, B734, B735, B736, B737, B738, B739, B740, B741, B742, B743, B744, B745, B746, B747, B748, B749, B750, B751, B752, B753, B754, B755, B756, B757, B758, B759, B760, B761, B762, B763, B764, B765, B766, B767, B768, B769, B770, B771, B772, B773, B774, B775, B776, B777, B778, B779, B780, B781, B782, B783, B784, B785, B786, B787, B788, B789, B790, B791, B792, B793, B794, B795, B796, B797, B798, B799, B800, B801, B802, B803, B804, B805, B806, B807, B808, B809, B810, B811, B812, B813, B814, B815, B816, B817, B818, B819, B820, B821,

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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org



Job Number: B47717aa	Ply: 1	SEQN: 515180 / T3	GABL	Cust: R857	JRef: 1WbZ8570002
Stone Res - Main Bldg -Stone Res - Main Bldg Curt Burlingame	Qty: 1	FROM: EBB		DrwNo: 171.18.1550.57073	
Truss Label: GE5				SSB / WHK	06/20/2018



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *PLF
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc R / U / Rw / Rh / RL / W
TCDL: 7.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.004 AC 999 360	BD*128 / 25 / 43 / - / 9 / 568
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(TL): 0.013 AC 999 240	Wind reactions based on MWFRS
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.007 Z - -	BD Min Brg Width Req = -
Des Ld: 37.00	EXP: C		HORZ(TL): 0.010 V - -	Bearing BD is a rigid surface.
NCBCLL: 10.00	Mean Height: 15.00 ft		Creep Factor: 2.0	Members not listed have forces less than 375#
Soffit: 0.00	TCDL: 4.2 psf		Max TC CSI: 0.233	Maximum Top Chord Forces Per Ply (lbs)
Load Duration: 1.25	BCDL: 5.2 psf		Max BC CSI: 0.069	Chords Tens.Comp. Chords Tens. Comp.
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2		Max Web CSI: 0.131	
	C&C Dist a: 4.73 ft			I - N 513 -127 R - X 519 -77
	Loc. from endwall: Any			N - R 492 -20
	GCpi: 0.18			
	Wind Duration: 1.60			
		Code / Misc Criteria	VIEW Ver: 17.02.02A.1213.21	
		Bldg Code: FBC 2017 RES		
		TPI Std: 2014		
		Rep Factors Used: Yes		
		FT/RT:20(0)/0(0)		
		Plate Type(s):		
		WAVE, HS		

Lumber

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3
Stack Chord SC1 2x4 SP #1:
Stack Chord SC2 2x4 SP #1:

Bracing

(a) Continuous lateral restraint equally spaced on member. Or 1x4 #3SRB SPF-S or better "T" reinforcement. 80% length of web member. Attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" oc.

Plating Notes

All plates are 2X4 except as noted.
Plates sized for a minimum of 3.50 sq.in./piece.

Loading

Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 6.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Purlins

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

Wind

Wind loads based on MWFRS with additional C&C member design.

Additional Notes

See DWGS A14015ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements.

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

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



06/20/2018

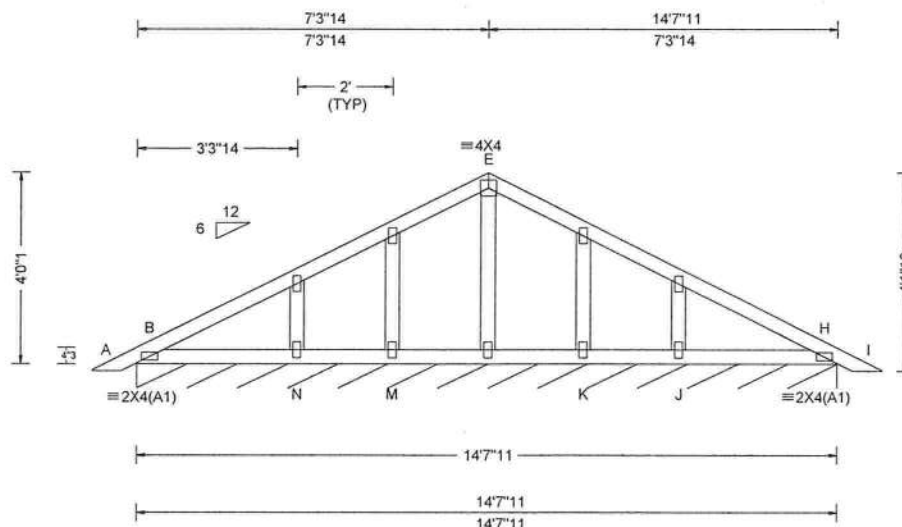
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AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or * = PLF
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in Loc L/defl L/#	Loc R / U / Rw / Rh / RL / W
TCDL: 7.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.002 N 999 360	B* 107 /46 /41 /- /11 /175
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(TL): 0.004 N 999 240	N /164
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.002 N - -	M /106
	EXP: C		HORZ(TL): 0.002 N - -	K /106
Des Ld: 37.00	Mean Height: 22.18 ft		Creep Factor: 2.0	J /164
NCBCLL: 0.00	TCDL: 4.2 psf	Code / Misc Criteria	Max TC CSI: 0.094	Wind reactions based on MWFRS
Soffit: 0.00	BCDL: 2.0 psf	Bldg Code: FBC 2017 RES	Max BC CSI: 0.054	B Min Brg Width Req = -
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max Web CSI: 0.080	Bearing B is a rigid surface.
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Factors Used: Yes		
	Loc. from endwall: Any	FT/RT: 20(0)/0(0)		
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	WAVE		
			VIEW Ver: 17.02.02A.1213.21	Members not listed have forces less than 375#

Lumber

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Plating Notes

All plates are 2X4 except as noted.
Plates sized for a minimum of 3.50 sq.in./piece.

Loading

Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 6.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Purlins

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

Wind

Wind loads based on MWFRS with additional C&C member design.

Additional Notes

See DWGS A14030ENC101014 & GBLLETIN0118 for
gable wind bracing and other requirements.
Refer to DWG PB160101014 for piggyback details.



06/20/2018

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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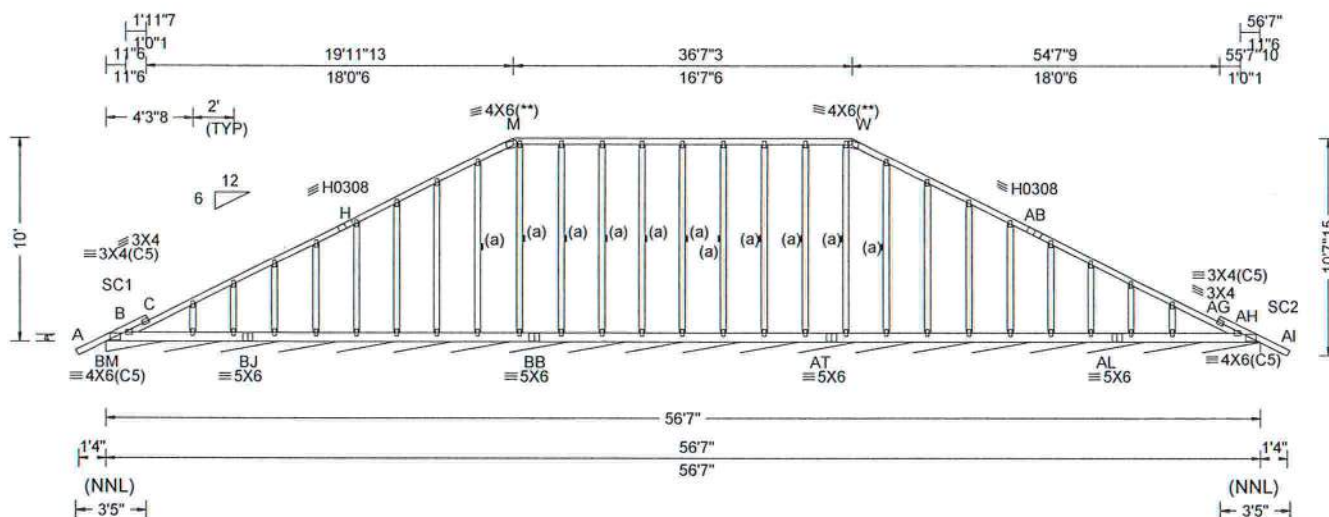
IMPORTANT - FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Manufacturers Association) Standard for safe practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached struts and bottom chord shall have properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B4, B5 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the Assembly in conformance with ANSI/TPI 1, or for handling, shipping, installation and/or use of the Assembly. A seal on this drawing or cover page, listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2.

For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org



Job Number: B47717aa	Ply: 1	SEQN: 515229 / T13	GABL	Cust: R857	JRef: 1WbZ8570002
Stone Res - Main Bldg -Stone Res - Main Bldg Curt Burlingame	Qty: 1	FROM: EBB		DrwNo: 171.18.1551.30470	
Truss Label: GE7				SSB / WHK	06/20/2018



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *PLF
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc R / U / Rw / Rh / RL / W
TCDL: 7.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.005 AG 999 360	BM*131 / 25 / 42 / - / 8 / 679
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(TL): 0.019 AG 999 240	Wind reactions based on MWFRS
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.007 AC - -	BM Min Brg Width Req = -
Des Ld: 37.00	EXP: C		HORZ(TL): 0.009 AC - -	Bearing BM is a rigid surface.
NCBCLL: 10.00	Mean Height: 15.00 ft		Creep Factor: 2.0	
Soffit: 0.00	TCDL: 4.2 psf		Max TC CSI: 0.208	Members not listed have forces less than 375#
Load Duration: 1.25	BCDL: 5.2 psf		Max BC CSI: 0.065	Maximum Top Chord Forces Per Ply (lbs)
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2		Max Web CSI: 0.128	Chords Tens.Comp. Chords Tens. Comp.
	C&C Dist a: 5.66 ft			B - C 263 -465 W -AB 460 -67
	Loc. from endwall: Any			H - M 456 -145 AG-AH 185 -462
	GCpi: 0.18			M - W 442 -18
	Wind Duration: 1.60			
		Code / Misc Criteria	VIEW Ver: 17.02.02A.1213.21	
		Bldg Code: FBC 2017 RES		
		TPI Std: 2014		
		Rep Factors Used: Yes		
		FT/RT:20(0)/0(0)		
		Plate Type(s):		
		WAVE, HS		

Lumber

Top chord 2x4 SP #1
Bot chord 2x6 SP #1
Webs 2x4 SP #3
Stack Chord SC1 2x4 SP #1:
Stack Chord SC2 2x4 SP #1:

Bracing

(a) Continuous lateral restraint equally spaced on member. Or 1x4 #3SRB SPF-S or better "T" reinforcement. 80% length of web member. Attached with 8d Box or Gun (0.113"x2.5".min.)nails @ 6" oc.

Plating Notes

All plates are 2X4 except as noted.

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

Plates sized for a minimum of 3.50 sq.in./piece.

Loading

Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 6.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Purlins

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

Wind

Wind loads based on MWFRS with additional C&C member design.

Additional Notes

See DWGS A14015ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements.

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

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



06/20/2018

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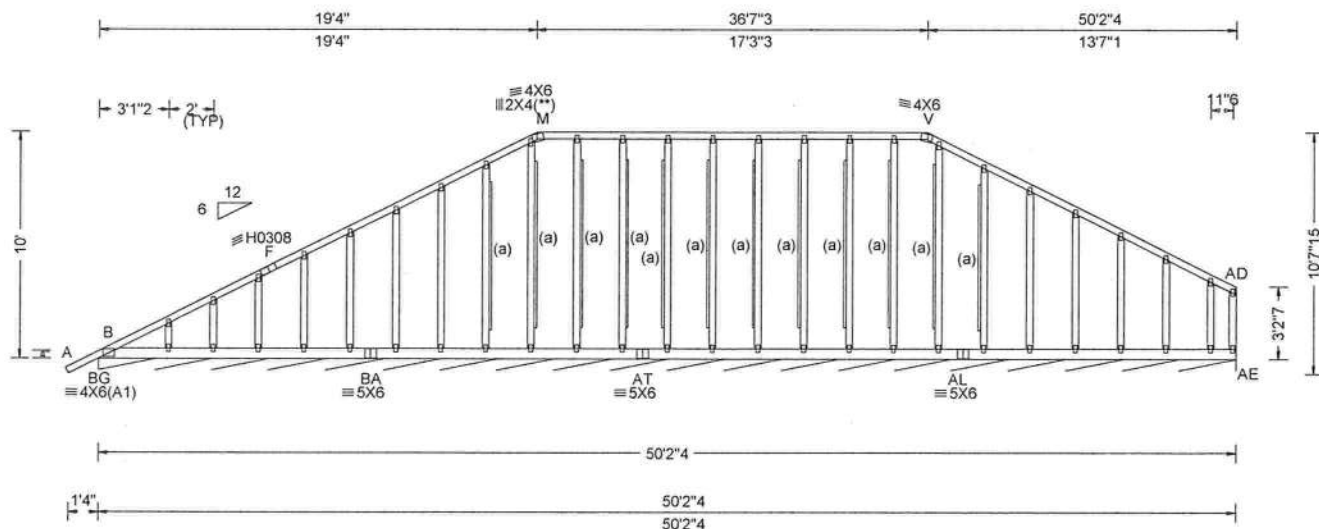
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBGA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

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Job Number: B47717aa Stone Res - Main Bldg -Stone Res - Main Bldg Curt Burlingame Truss Label: GE8	Ply: 1 Qty: 1	SEQN: 515204 / T16 GABL FROM: EBB	Cust: R857 JRef: 1WbZ8570002 DrwNo: 171.18.1551.32873 SSB / WHK 06/20/2018
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *PLF
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0"	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.2 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 5.02 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/0(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.004 V 999 360 VERT(TL): 0.012 V 999 240 HORZ(LL): 0.013 AD - - HORZ(TL): 0.019 AD - - Creep Factor: 2.0 Max TC CSI: 0.221 Max BC CSI: 0.041 Max Web CSI: 0.185 VIEW Ver: 17.02.02A.1213.21	Loc R / U / Rw / Rh / RL / W BG*133 / 24 / 45 / - / 8 / 602 Wind reactions based on MWFRS BG Min Brg Width Req = - Bearing BG is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - F 336 -385 M - V 577 -109 F - M 616 -291 V -AD 578 -123

Lumber

Top chord 2x4 SP #1
Bot chord 2x6 SP #1
Webs 2x4 SP #3

Bracing

(a) 1x4 #3SRB SPF-S or better "T" reinforcement.
80% length of web member. Attach with 8d Box or
Gun (0.113"x2.5",min.)nails @ 6" oc.

Plating Notes

All plates are 2X4 except as noted.

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

Plates sized for a minimum of 3.50 sq.in./piece.

Loading

Truss designed to support 1-4-0 top chord outlookers
and cladding load not to exceed 6.00 PSF one face
and 24.0" span opposite face. Top chord must not be
cut or notched, unless specified otherwise.

Purlins

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

Wind

Wind loads based on MWFRS with additional C&C
member design.

Right end vertical exposed to wind pressure.
Deflection meets L/180.

Additional Notes

See DWGS A14015ENC101014 & GBLLETIN0118 for
gable wind bracing and other requirements.

WARNING: Furnish a copy of this DWG to the
installation contractor. Special care must be taken
during handling, shipping and installation of trusses.
See "WARNING" note below.

Maximum Bot Chord Forces Per Ply (lbs)

Chords Tens.Comp.
B -BA 383 -347



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!

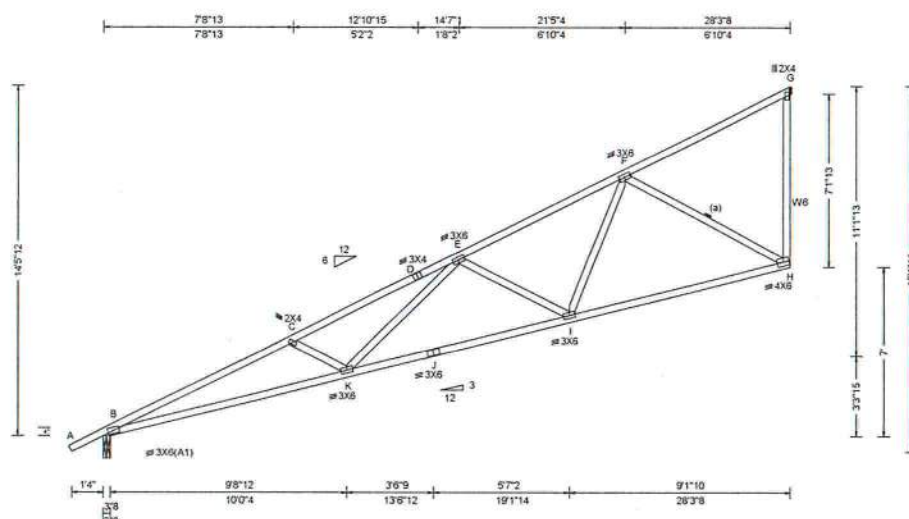
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc R /U /Rw /Rh /RL /W
TCDL: 7.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.214 K 999 360	B 1165 /233 /692 /- /530 /3.5
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(TL): 0.591 K 837 240	G 1071 /313 /758 /- /- /1.5
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.082 C - -	Wind reactions based on MWFRS
	EXP: C		HORZ(TL): 0.154 C - -	B Min Brg Width Req = 1.5
Des Ld: 37.00	Mean Height: 17.13 ft		Creep Factor: 2.0	G Min Brg Width Req = -
NCBCLL: 10.00	TCDL: 4.2 psf	Code / Misc Criteria	Max TC CSI: 0.611	Bearing B Fcperp = 425psi.
Soffit: 0.00	BCDL: 5.2 psf	Bldg Code: FBC 2017 RES	Max BC CSI: 0.870	
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max Web CSI: 0.895	
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Factors Used: Yes		
	Loc. from endwall: Any	FT/RT:20(0)/0(0)		
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	WAVE	VIEW Ver: 17.02.02A.1213.21	
				Members not listed have forces less than 375#
				Maximum Top Chord Forces Per Ply (lbs)
				Chords Tens.Comp. Chords Tens. Comp.
				B - C 1601 - 3415 D - E 1440 - 2892
				C - D 1433 - 3023 E - F 812 - 1619

Lumber

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3 :W6 2x4 SP #1:

Bracing

(a) Continuous lateral restraint equally spaced on member. Or 1x4 #3SRB SPF-S or better "T" reinforcement. 80% length of web member. Attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" oc.

Plating Notes

Plates sized for a minimum of 3.50 sq.in./piece.

Wind

Wind loads based on MWFRS with additional C&C member design.

Right end vertical exposed to wind pressure.
Deflection meets $L/180$.



COA #0 278
06/20/2018

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Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety) Information, or BCSI website, for safe practices. The bracing contractor or installer shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B4, B5 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

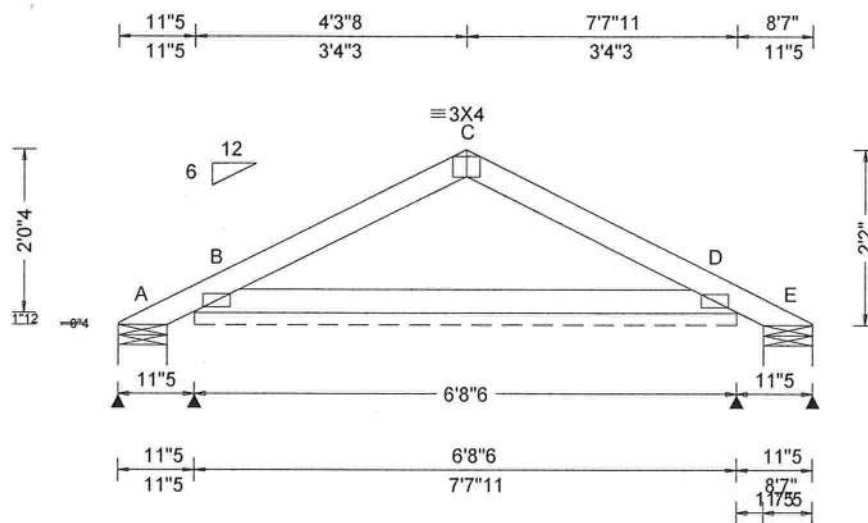
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Suite 305
Orlando FL 32821

Job Number: B47717aa Stone Res - Main Bldg -Stone Res - Main Bldg Curt Burlingame Truss Label: S1	Ply: 1 Qty: 3	SEQN: 515186 / T9 FROM: EBB	SPEC	Cust: R857 JRef: 1WbZ8570002 DrwNo: 171.18.1551.43917 SSB / WHK 06/20/2018
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *PLF
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 0.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 21.19 ft TCDL: 4.2 psf BCDL: 2.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/0(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.002 C 999 360 VERT(TL): 0.005 999 240 HORZ(LL): -0.001 - - HORZ(TL): 0.002 - - Creep Factor: 2.0 Max TC CSI: 0.090 Max BC CSI: 0.098 Max Web CSI: 0.000 VIEW Ver: 17.02.02A.1213.21	Loc R / U / Rw / Rh / RL / W A -22 / 69 / 16 / - / 51 / 7.3 B* 77 / 41 / 57 / - / - / 80.3 E -22 / 39 / 16 / - / - / 7.3 Wind reactions based on MWFRS A Min Brg Width Req = 1.5 B Min Brg Width Req = - E Min Brg Width Req = 1.5 Bearings A, B, & E are a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord 2x4 SP #1
Bot chord 2x4 SP #1

Plating Notes

All plates are 2X4(A1) except as noted.
Plates sized for a minimum of 3.50 sq.in./piece.

Wind

Wind loads based on MWFRS with additional C&C member design.

Additional Notes

Refer to DWG PB160101014 for piggyback details.



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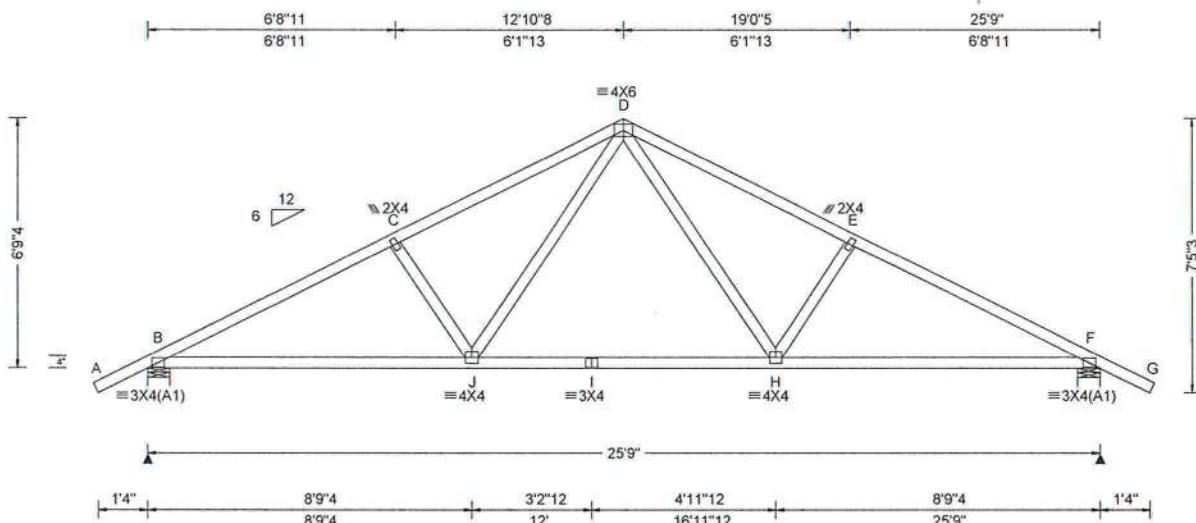
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Job Number: B47717aa	Ply: 1	SEQN: 515106 / T1	COMM	Cust: R857	JRef: 1WbZ8570002
Stone Res - Main Bldg - Stone Res - Main Bldg Curt Burlingame	Qty: 6	FROM: EBB		DrwNo: 171.18.1551.45730	
Truss Label: T-1				SSB / WHK	06/20/2018



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCCL: 20.00 TCDL: 7.00 BCCL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0"	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.2 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCPI: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Factors Used: Yes FT/RT: 20(0)/0(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.060 J 999 360 VERT(TL): 0.161 J 999 240 HORZ(LL): 0.024 H - - HORZ(TL): 0.044 H - - Creep Factor: 2.0 Max TC CSI: 0.294 Max BC CSI: 0.602 Max Web CSI: 0.301 VIEW Ver: 17.02.02A.1213.21	Loc R / U / Rw / Rh / RL / W B 1052 / 227 / 596 / - / 200 / 7.2 F 1052 / 227 / 596 / - / - / 7.2 Wind reactions based on MWFRS B Min Brg Width Req = 1.5 F Min Brg Width Req = 1.5 Bearings B & F Fcperp = 425psi. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 804 - 1657 D - E 804 - 1470 C - D 804 - 1471 E - F 804 - 1657

Lumber

Top chord 2x4 SP #1
 Bot chord 2x4 SP #1
 Webs 2x4 SP #3

Plating Notes

Plates sized for a minimum of 3.50 sq.in./piece.

Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C member design.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - J	1421 - 580	I - H	954 - 293
J - I	954 - 293	H - F	1421 - 595

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
J - D	541 - 265	D - H	542 - 265



COA #0 278
 06/20/2018

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Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSA (Building Component Safety Information, by TPI and SBCE) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSA. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSA sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

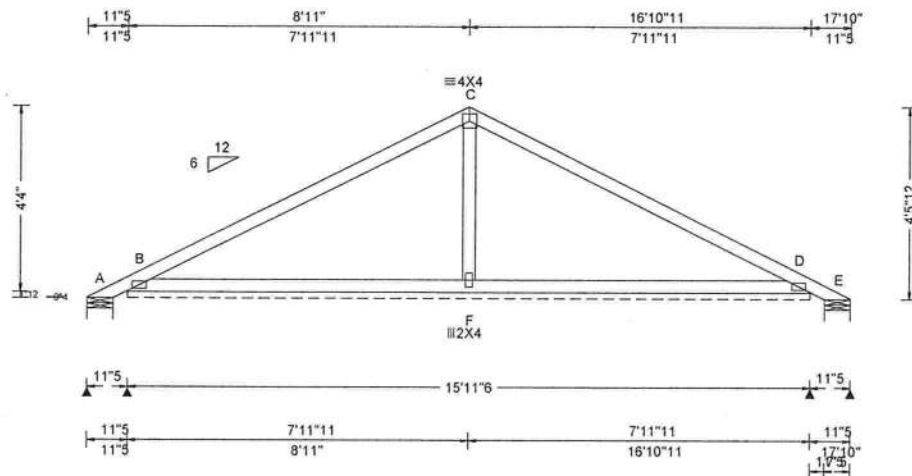
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 Suite 305
 Orlando FL, 32821

Job Number: B47717aa Stone Res - Main Bldg -Stone Res - Main Bldg Curt Burlingame Truss Label: T-10	Ply: 2 Qty: 2	SEQN: 515225 / T18 FROM: EBB	COMN Cust: R857 JRef: 1WbZ8570002 DrwNo: 171.18.1551.49030 SSB / WHK 06/20/2018
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2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *PLF
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 0.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0"	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 22.34 ft TCDL: 4.2 psf BCDL: 2.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Factors Used: Yes FT/RT: 20(0)/0(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.005 F 999 360 VERT(TL): 0.011 F 999 240 HORZ(LL): 0.003 F - - HORZ(TL): 0.005 F - - Creep Factor: 2.0 Max TC CSI: 0.246 Max BC CSI: 0.106 Max Web CSI: 0.032 VIEW Ver: 17.02.02A.1213.21	Loc R / U / Rw / Rh / RL / W A -357 / 357 / 244 / - / 110 / 7.3 B* 108 / 65 / 56 / - / - / 191 E -357 / 357 / 244 / - / - / 7.3 A / 357 D / 216 E / 357 Wind reactions based on MWFRS A Min Brg Width Req = 1.5 B Min Brg Width Req = - E Min Brg Width Req = 1.5 Bearings A, B, & E are a rigid surface.

Lumber

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Nailnote

Nail Schedule: 0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Plating Notes

All plates are 2X4(A1) except as noted.
Plates sized for a minimum of 3.50 sq.in./piece.

Wind

Wind loads based on MWFRS with additional C&C member design.

Additional Notes

Negative reaction(s) of -357# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

Refer to DWG PB160101014 for piggyback details.



COA #0 278
06/20/2018

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

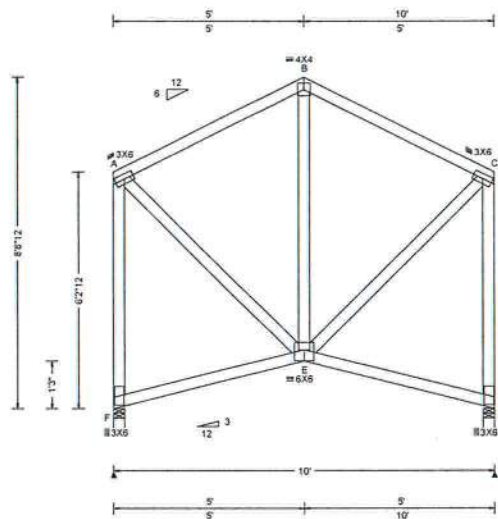
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

ALPINE
AN ITW COMPANY
6750 Forum Drive
Suite 305
Orlando FL, 32821

Job Number: B47717aa	Ply: 1	SEQN: 515221 / T19	COMN	Cust: R857	JRef: 1WbZ8570002
Stone Res - Main Bldg -Stone Res - Main Bldg Curt Burlingame	Qty: 30	FROM: EBB		DrwNo: 171.18.1551.50367	
Truss Label: T-11				SSB / WHK	06/20/2018



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg.Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCCL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc R /U /Rw /Rh /RL /W
TCDL: 7.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.004 B 999 360	F 381 /130 /265 /- /312 /3.5
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(TL): 0.013 B 999 240	D 381 /130 /265 /- /- /3.5
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.004 B - -	Wind reactions based on MWFRS
Des Ld: 37.00	EXP: C		HORZ(TL): 0.005 B - -	F Min Brg Width Req = 1.5
NCBCLL: 10.00	Mean Height: 23.32 ft		Creep Factor: 2.0	D Min Brg Width Req = 1.5
Soffit: 0.00	TCDL: 4.2 psf		Max TC CSI: 0.341	Bearings F & D Fcperp = 565psi.
Load Duration: 1.25	BCDL: 5.2 psf		Max BC CSI: 0.179	
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2		Max Web CSI: 0.993	
	C&C Dist a: 3.00 ft			Members not listed have forces less than 375#
	Loc. from endwall: Any			Maximum Bot Chord Forces Per Ply (lbs)
	GCpi: 0.18			Chords Tens.Comp.
	Wind Duration: 1.60			F - E 450 -406
			VIEW Ver: 17.02.02A.1213.21	

Lumber

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Plating Notes

Plates sized for a minimum of 3.50 sq.in./piece.

Wind

Wind loads based on MWFRS with additional C&C member design.

End verticals exposed to wind pressure. Deflection meets L/180.

Additional Notes

Shim all supports to solid bearing.



Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - F	415 -340	C - D	549 -340
E - C	260 -388		

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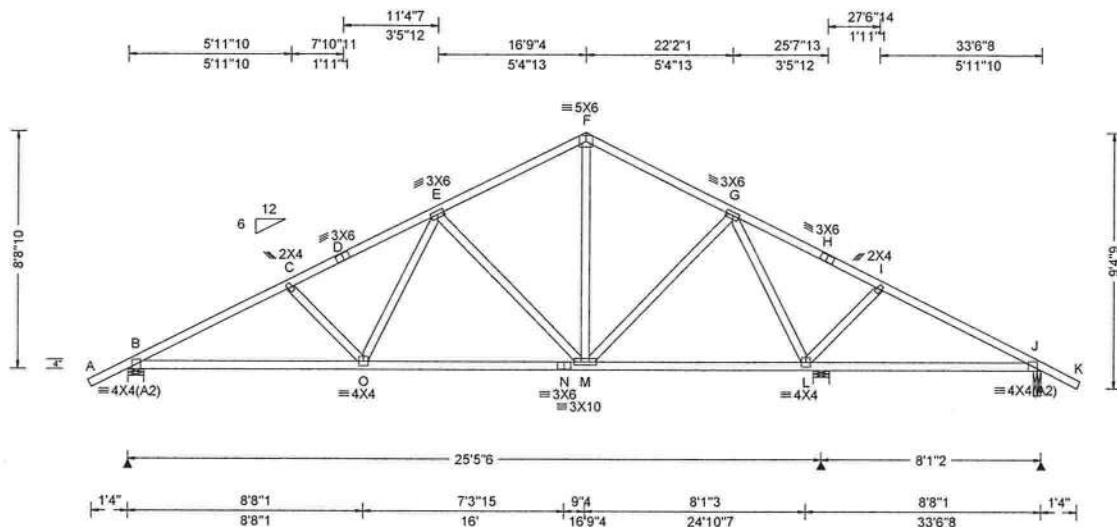
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSi (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSi. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSi sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

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ALPINE
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Cust: R857 JRef: 1WbZ8570002
DrwNo: 171.18.1551.52253
SSB / WHK 06/20/2018



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc R /U /Rw /Rh /RL /W
TCDL: 7.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.069 E 999 360	B 1119 /243 /649 /- /256 /7.3
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(TL): 0.190 E 999 240	L 952 /186 /492 /- /- /7.2
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.026 L - -	J 622 /146 /389 /- /- /3.5
	EXP: C		HORZ(TL): 0.049 L - -	Wind reactions based on MWFRS
Des Ld: 37.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	B Min Brg Width Req = 1.5
NCBCLL: 10.00	TCDL: 4.2 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.215	L Min Brg Width Req = 1.5
Soffit: 0.00	BCDL: 5.2 psf	TPI Std: 2014	Max BC CSI: 0.765	J Min Brg Width Req = 1.5
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	Rep Factors Used: Yes	Max Web CSI: 0.658	Bearings B, L, & J Fcperp = 425psi.
Spacing: 24.0 "	C&C Dist a: 3.35 ft	FT/RT:20(0)/0(0)		
	Loc. from endwall: not in 4.50 ft	Plate Type(s):		
	GCpi: 0.18	WAVE		
	Wind Duration: 1.60			
			VIEW Ver: 17.02.02A.1213.21	
				Members not listed have forces less than 375#
				Maximum Top Chord Forces Per Ply (lbs)
				Chords Tens Comp Chords Tens Comp

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3.

Plates sized for a minimum of 3.50 sq.in./piece.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind loads based on MWFRS with additional C&C member design.

B - C	466 - 1820	F - G	369 - 985
C - D	436 - 1604	G - H	234 - 599
D - E	450 - 1555	H - I	220 - 640
E - F	363 - 985	I - J	249 - 819

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - O	1573	-311	M - L	740	-99
O - N	1202	-189	L - J	1359	-243
N - M	1202	-189			

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - E	454	-73	F - M	561	-165
E - M	214	-554	G - L	167	-647



IMPORTANT - FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building
Corrosion Prevention Institute) and SBA for safety practices prior to performing these functions. Installers shall provide temporary
bracing per BCS. Unless noted otherwise, all bracing shall be attached to the central sathing and bottom chord shall have a property
attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCS. BCS 160A-Z
as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to
drawings 160A-Z for standard plate positions.

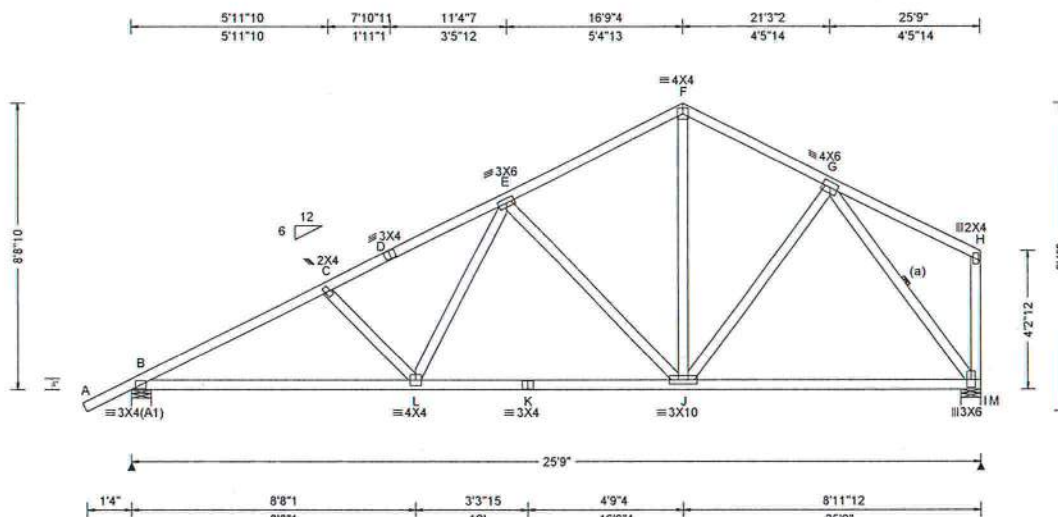
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ALPINE
AN ITW COMPANY

6750 Forum Drive
Suite 305
Orlando FL, 32821

Job Number: B47717aa	Ply: 1	SEQN: 515157 / T20	COMN	Cust: R857	JRef: 1WbZ8570002
Stone Res - Main Bldg - Stone Res - Main Bldg Curt Burlingame	Qty: 2	FROM: EBB		DrwNo: 171.18.1551.53907	
Truss Label: T-3				SSB / WHK	06/20/2018



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc R / U / Rw / Rh / RL / W
TCDL: 7.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.052 L 999 360	B 1060 / 51 / 627 / - / 294 / 7.3
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(TL): 0.141 L 999 240	M 966 / 34 / 474 / - / - / 7.2
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.020 I - -	Wind reactions based on MWFRS
Des Ld: 37.00	EXP: C		HORZ(TL): 0.037 I - -	B Min Brg Width Req = 1.5
NCBCLL: 10.00	Mean Height: 15.00 ft		Creep Factor: 2.0	M Min Brg Width Req = 1.5
Soffit: 0.00	TCDL: 4.2 psf		Max TC CSI: 0.215	Bearings B & M Fcperp = 425psi.
Load Duration: 1.25	BCDL: 5.2 psf		Max BC CSI: 0.662	
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h		Max Web CSI: 0.999	
	C&C Dist a: 3.00 ft			
	Loc. from endwall: not in 9.00 ft			
	GCpi: 0.18			
	Wind Duration: 1.60			
		Code / Misc Criteria	VIEW Ver: 17.02.02A.1213.21	
		Bldg Code: FBC 2017 RES		
		TPI Std: 2014		
		Rep Factors Used: Yes		
		FT/RT:20(0)/0(0)		
		Plate Type(s):		
		WAVE		

Lumber

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Bracing

(a) Continuous lateral restraint equally spaced on member. Or 1x4 #3SRB SPF-S or better "T" reinforcement. 80% length of web member. Attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" oc.

Plating Notes

Plates sized for a minimum of 3.50 sq.in./piece.

Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C member design.

Right end vertical exposed to wind pressure.
Deflection meets L/180.



COA #0218
06/20/2018

Maximum Reactions (lbs)
Loc R / U / Rw / Rh / RL / W
B 1060 / 51 / 627 / - / 294 / 7.3
M 966 / 34 / 474 / - / - / 7.2
Wind reactions based on MWFRS
B Min Brg Width Req = 1.5
M Min Brg Width Req = 1.5
Bearings B & M Fcperp = 425psi.
Members not listed have forces less than 375#
Maximum Top Chord Forces Per Ply (lbs)
Chords Tens.Comp. Chords Tens. Comp.
B - C 429 - 1694 E - F 324 - 852
C - D 400 - 1477 F - G 313 - 838
D - E 414 - 1428

Maximum Bot Chord Forces Per Ply (lbs)
Chords Tens.Comp. Chords Tens. Comp.
B - L 1460 - 544 K - J 1087 - 418
L - K 1087 - 418 J - I 574 - 262

Maximum Web Forces Per Ply (lbs)
Webs Tens.Comp. Webs Tens. Comp.
L - E 445 - 78 F - J 466 - 144
E - J 216 - 561 G - I 330 - 963

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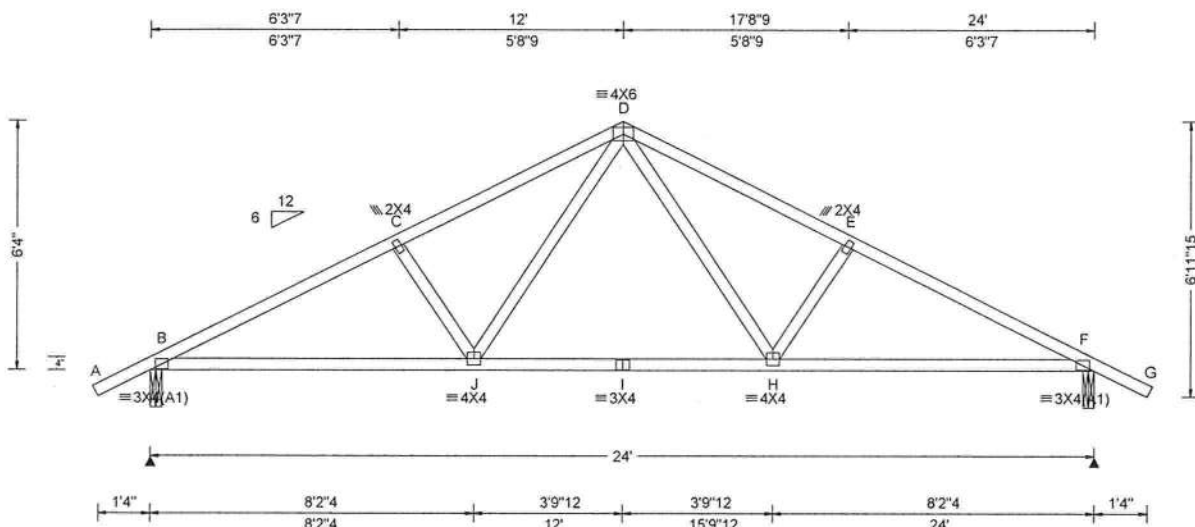
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ALPINE
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6750 Forum Drive
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Orlando FL, 32821

Job Number: B47717aa Stone Res - Main Bldg - Stone Res - Main Bldg Curt Burlingame Truss Label: T-4	Ply: 1 Qty: 4	SEQN: 515108 / T7 FROM: EBB	COMN	Cust: R857 JRef: 1WbZ8570002 DrwNo: 171.18.1552.00190 SSB / WHK 06/20/2018
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.2 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Factors Used: Yes FT/RT: 20(0)/0(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.052 J 999 360 VERT(TL): 0.140 J 999 240 HORZ(LL): 0.021 H - - HORZ(TL): 0.038 H - - Creep Factor: 2.0 Max TC CSI: 0.245 Max BC CSI: 0.528 Max Web CSI: 0.244 VIEW Ver: 17.02.02A.1213.21	Loc R /U /Rw /Rh /RL /W B 986 /213 /561 /- /189 /3.5 F 986 /213 /561 /- /- /3.5 Wind reactions based on MWFRS B Min Brg Width Req = 1.5 F Min Brg Width Req = 1.5 Bearings B & F Fcperp = 425psi. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 749 -1534 D - E 750 -1362 C - D 750 -1362 E - F 749 -1534 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - J 1315 -539 I - H 886 -272 J - I 886 -272 H - F 1315 -553 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. J - D 498 -248 D - H 498 -248

Lumber

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Plating Notes

Plates sized for a minimum of 3.50 sq.in./piece.

Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind

Wind loads based on MWFRS with additional C&C member design.



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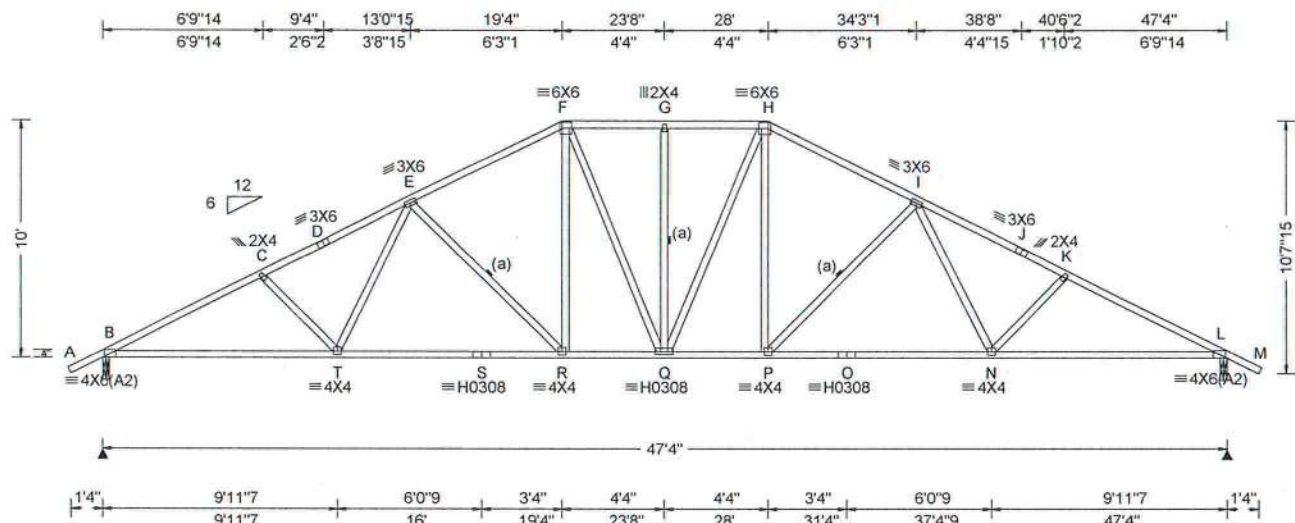
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCCL: 20.00 TCCL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCCL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCCL: 4.2 psf BCDL: 5.2 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 4.73 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Factors Used: Yes FT/RT: 20(0)/0(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.220 G 999 360 VERT(TL): 0.610 P 999 240 HORZ(LL): 0.094 N - - HORZ(TL): 0.175 N - - Creep Factor: 2.0 Max TC CSI: 0.433 Max BC CSI: 0.925 Max Web CSI: 0.666 VIEW Ver: 17.02.02A.1213.21	Loc R / U / Rw / Rh / RL / W B 1868 / 400 / 1075 / - / 307 / 3.5 L 1868 / 400 / 1075 / - / - / 3.5 Wind reactions based on MWFRS B Min Brg Width Req = 2.3 L Min Brg Width Req = 2.3 Bearings B & L Fcperp = 425psi. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber

Top chord 2x4 SP #1
 Bot chord 2x4 SP #1
 Webs 2x4 SP #3

Bracing

(a) Continuous lateral restraint equally spaced on member. Or 1x4 #3SRB SPF-S or better "T" reinforcement. 80% length of web member. Attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" oc.

Plating Notes

Plates sized for a minimum of 3.50 sq.in./piece.

Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Purlins

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

Wind

Wind loads based on MWFRS with additional C&C member design.

Additional Notes

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - T	2978 - 1285	Q - P	2123 - 733
T - S	2557 - 1043	P - O	2557 - 1058
S - R	2557 - 1043	O - N	2557 - 1058
R - Q	2123 - 719	N - L	2978 - 1300

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
T - E	531 - 193	H - P	719 - 307
E - R	466 - 654	P - I	466 - 654
F - R	719 - 307	I - N	531 - 193

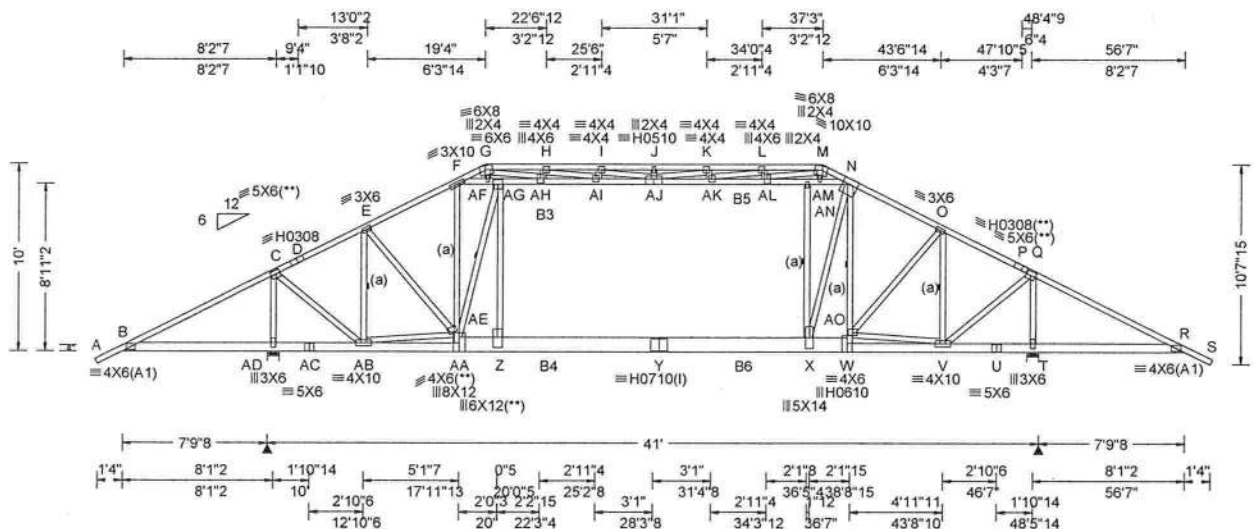
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.2 psf MWFRS Parallel Dist: > 2h C&C Dist a: 5.66 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Factors Used: Yes FT/RT: 20(0)/0(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.207 J 999 360 VERT(TL): 0.750 J 999 240 HORZ(LL): 0.033 G - - HORZ(TL): 0.122 G - - Creep Factor: 2.0 Max TC CSI: 0.668 Max BC CSI: 0.549 Max Web CSI: 0.965 VIEW Ver: 17.02.02A.1213.21	Loc R / U / Rw / Rh / RL / W AD 2837 / 133 / 1512 / - / 313 / 7.3 T 2837 / 133 / 1512 / - / - / 7.3 Wind reactions based on MWFRS AD Min Brg Width Req = 3.6 T Min Brg Width Req = 3.6 Bearings AD & T Fcperp = 425psi. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber
 Top chord 2x4 SP #1
 Bot chord 2x6 SP #1 :B3, B5 2x4 SP #1:
 :B4, B6 2x10 SP SS Dense:
 Webs 2x4 SP #3

Bracing
 (a) Continuous lateral restraint equally spaced on member.

Plating Notes
 (I) - plates so marked were sized using 0% Fabrication Tolerance, 0 degrees Rotational Tolerance, and/or zero Positioning Tolerance.
 (**) 5 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.
 Plates sized for a minimum of 3.50 sq.in./piece.

Loading
 Live loads applied in combination per ASCE 7 sec. 2.4.1 use 0.75 factor for multiple live loads.
 Attic room loading from 20-3-8 to 36-3-8: Live Load: 30 PSF, Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF
 Truss structure for sleeping room only. No waterbeds permitted. Provide information to contractor, architect, and bldg owner. Trusses to be visibly stamped to indicate 30.00 psf MAX LL.

Purlins
 In lieu of structural panels use purlins to brace all flat TC @ 24" oc.
 Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind
 Wind loads based on MWFRS with additional C&C member design.
 Left and right cantilevers are exposed to wind

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - AD	828 -673	Y - X	2398 -124
AD-AC	789 -637	X - W	1942 -137
AC-AB	789 -637	W - V	1909 -139
AB-AA	1910 -165	V - U	815 -649
AA - Z	2396 -124	U - T	815 -649
Z - Y	2398 -124	T - R	828 -673

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
AD- C	842 -2607	AJ- K	636 -224
C - AB	2161 -579	AJ-AK	929 -596
AB- E	436 -1337	AK- L	1330 -569
AB-AE	210 -705	AK-AL	365 -1177
E -AE	1105 -320	L -AL	291 -580
F -AE	752 -253	AL-AM	992 -2338
F -AF	837 -1900	AL- M	1456 -544
AE-AA	1619 -525	AM- X	541 -774
AA-AG	609 -2193	AM-AN	984 -2325
G -AF	543 -722	X - N	2232 -557
G -AH	1567 -609	AN- M	484 -602
AF-AG	924 -2022	AN- N	905 -2234
AG- Z	1727 -73	W -AO	47 -667
AG-AH	1062 -2425	AO- N	322 -1483



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Job Number: B47717aa	Ply: 1	SEQN: 515167 / T22	COMN	Cust: R857	JRef: 1WbZ8570002
Stone Res - Main Bldg -Stone Res - Main Bldg Curt Burlingame	Qty: 23	FROM: EBB		DrwNo: 171.18.1552.07703	
Truss Label: T-6		Page 2 of 2		SSB / WHK	06/20/2018

Additional Notes

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AH- H	288	- 574	AO- O	1093	- 324
AH- AI	373	- 1131	AO- V	212	- 694
H - AI	1316	- 567	O - V	442	- 1352
AI- AJ	853	- 602	V - Q	2163	- 579
I - AJ	630	- 229	Q - T	841	- 2604



06/20/2018

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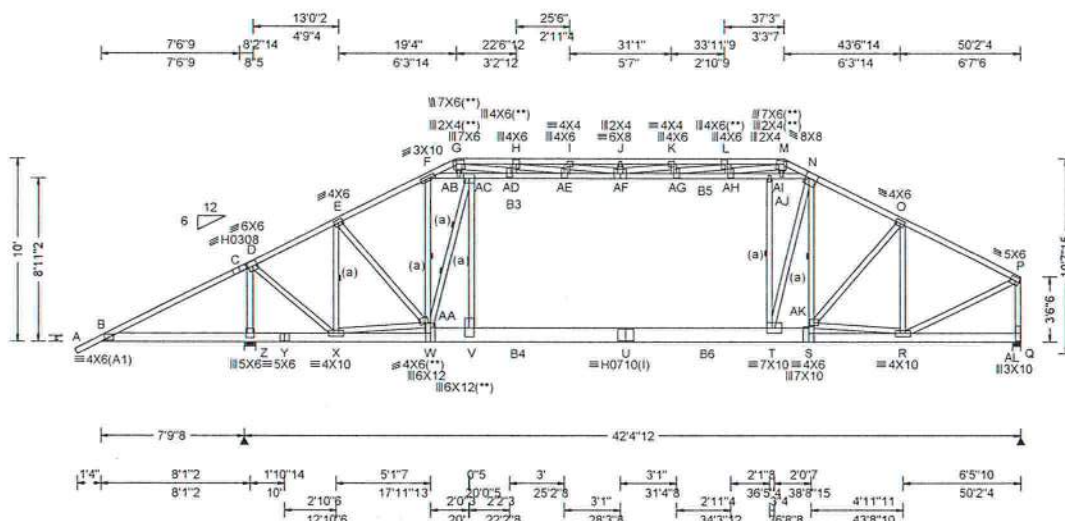
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 7.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 37.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.2 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 5.02 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Factors Used: Yes FT/RT: 20(0)/0(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.225 K 999 360 VERT(TL): 0.844 U 977 240 HORZ(LL): -0.054 M - - HORZ(TL): 0.155 M - - Creep Factor: 2.0 Max TC CSI: 0.667 Max BC CSI: 0.658 Max Web CSI: 0.936 VIEW Ver: 17.02.02A.1213.21	Loc R / U / Rw / Rh / RL / W Z 2958 / 449 / 1541 / - / 325 / 7.3 AL 2196 / 324 / 853 / - / - / 15.5 Wind reactions based on MWFRS Z Min Brg Width Req = 3.7 AL Min Brg Width Req = 2.8 Bearings Z & AL Fcperp = 425psi. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber
Top chord 2x4 SP #1
Bot chord 2x6 SP #1 :B3, B5 2x4 SP #1:
:B4, B6 2x10 SP SS Dense:
Webs 2x4 SP #3

Bracing
(a) Continuous lateral restraint equally spaced on member.

Plating Notes
All plates are 4X6(R) except as noted.

(l) - plates so marked were sized using 0% Fabrication Tolerance, 0 degrees Rotational Tolerance, and/or zero Positioning Tolerance.

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

Plates sized for a minimum of 3.50 sq.in./piece.

Loading

Live loads applied in combination per ASCE 7 sec. 2.4.1 use 0.75 factor for multiple live loads.

Attic room loading from 20-3-8 to 36-3-8: Live Load: 30 PSF, Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

Truss designed for sleeping room only. No waterbeds permitted. Provide information to contractor, architect, and bldg owner. Trusses to be visibly stamped to indicate 30.00 psf MAX LL.

Purlins
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.
Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind
Wind loads based on MWFRS with additional C&C member design.
Right end vertical exposed to wind pressure.
Deflection meets L/180.
Left cantilever is exposed to wind

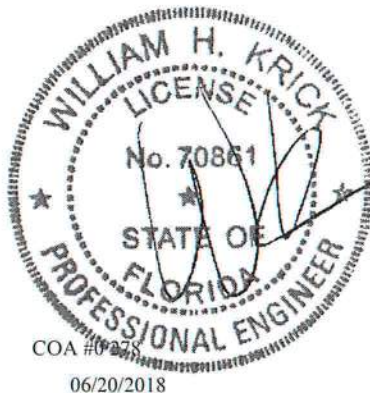
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - C	839 - 879	I - J	1273 - 3176
C - D	853 - 845	J - K	1273 - 3176
D - E	542 - 1636	K - L	1352 - 3180
E - F	821 - 2430	L - M	1109 - 2484
F - G	1057 - 1066	M - N	627 - 1534
G - H	453 - 1556	N - O	933 - 2745
H - I	1080 - 2634	O - P	775 - 2340

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
B - C	967 - 672	V - U	2750 - 691
C - D	901 - 635	U - T	2750 - 691
D - E	901 - 635	T - S	2397 - 632
E - F	2092 - 606	S - R	2366 - 630
F - G	2750 - 691		

Z - D	1257 - 2725	I - AF	832 - 419
D - X	2274 - 829	AF - K	454 - 437
X - E	593 - 1419	AF - AG	1025 - 690
X - AA	266 - 770	AG - L	985 - 494
E - AA	1206 - 406	AG - AH	458 - 900
F - AA	1043 - 434	L - AH	257 - 463
F - AB	1410 - 2520	AH - AI	931 - 1907
AA - V	2043 - 779	AH - M	1404 - 586
W - AC	997 - 2872	AI - T	388 - 398
G - AB	723 - 1049	AI - AJ	926 - 1900
G - AD	1669 - 758	T - N	1758 - 306
AB - AC	1533 - 2714	AJ - N	883 - 1863
AC - V	1943 - 241	S - AK	127 - 556
AC - AD	1761 - 3292	AK - N	177 - 1003
AD - H	370 - 679	AK - O	530 - 77
AD - AE	898 - 1755	O - R	347 - 875



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Additional Notes

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H-AE	1651	-844	R-P	2254	-679
AE-AF	568	-486	P-Q	814	-2133



06/20/2018

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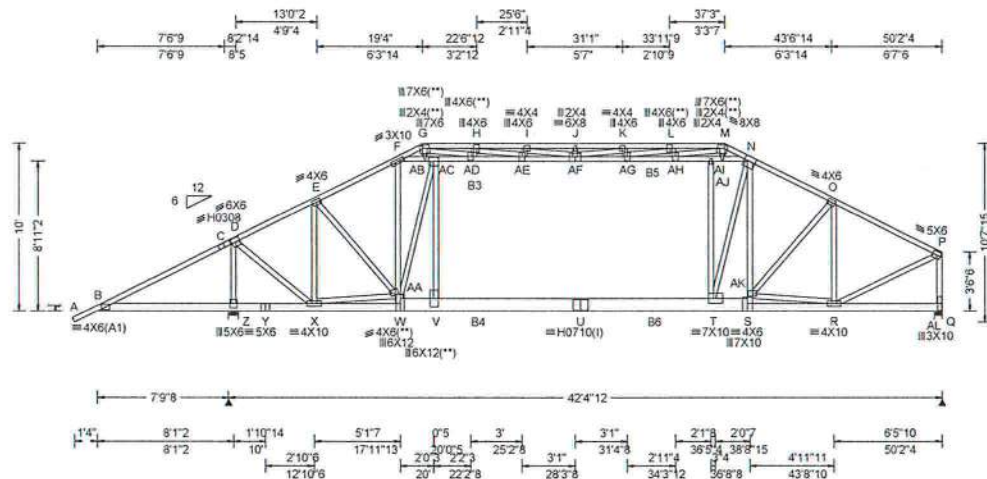
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Job Number: B47717aa	Ply: 2	SEQN: 515223 / T14	COMN	Cust: R857	JRef: 1WbZ8570002
Stone Res - Main Bldg -Stone Res - Main Bldg Curt Burlingame	Qty: 2	FROM: EBB		DrwNo: 171.18.1552.24730	
Truss Label: T-9				SSB / WHK	06/20/2018

2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc R /U /Rw /Rh /RL /W
TCDL: 7.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.112 K 999 360	Z 2958 /449 /1541/- /325 /7.3
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(TL): 0.422 U 999 240	AL 2196 /324 /853 /- /- /5.5
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.027 M - -	Wind reactions based on MWFRS
Des Ld: 37.00	EXP: C		HORZ(TL): 0.077 M - -	Z Min Brg Width Req = 2.1
NCBCLL: 10.00	Mean Height: 15.00 ft		Creep Factor: 2.0	AL Min Brg Width Req = 1.5
Soffit: 0.00	TCDL: 4.2 psf		Max TC CSI: 0.333	Bearings Z & AL Fcperp = 425psi.
Load Duration: 1.25	BCDL: 5.2 psf		Max BC CSI: 0.318	
Spacing: 24.0"	MWFRS Parallel Dist: 0 to h/2		Max Web CSI: 0.934	
	C&C Dist a: 5.02 ft			
	Loc. from endwall: Any			
	GCpi: 0.18			
	Wind Duration: 1.60			
		Code / Misc Criteria		
		Bldg Code: FBC 2017 RES		
		TPI Std: 2014		
		Rep Factors Used: Yes		
		FT/RT:20(0)/0(0)		
		Plate Type(s):		
		WAVE, HS		
			VIEW Ver: 17.02.02A.1213.21	

Lumber
Top chord 2x4 SP #1
Bot chord 2x6 SP #1 :B3, B5 2x4 SP #1:
:B4, B6 2x10 SP SS Dense:
Webs 2x4 SP #3

Nailnote
Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Plating Notes
All plates are 4X6(R) except as noted.
(I) - plates so marked were sized using 0% Fabrication Tolerance, 0 degrees Rotational Tolerance, and/or zero Positioning Tolerance.
(**) 8 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.
Plates sized for a minimum of 3.50 sq.in./piece.

Wind
Wind loads based on MWFRS with additional C&C member design.
Right end vertical exposed to wind pressure.
Deflection meets L/180.
Left cantilever is exposed to wind
Collar-Tie braced with continuous lateral bracing @24" OC, or rigid sheathing

Loading
Live loads applied in combination per ASCE 7 sec. 2.4.1 use 0.75 factor for multiple live loads.
Attic room loading from 20-3-8 to 36-3-8: Live Load: 30 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF
Truss designed for sleeping room only. No waterbeds permitted. Provide information to contractor, architect, and bldg owner. Trusses to be visibly stamped to indicate 30.00 psf MAX LL.

Additional Notes
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In lieu of structural panels or rigid ceiling use padding to brace TC @ 24" OC, or @24" OC.



06/20/2018

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - Z	484 - 336	V - U	1375 - 346
Z - Y	451 - 317	U - T	1375 - 346
Y - X	451 - 317	T - S	1199 - 316
X - W	1046 - 303	S - R	1183 - 315
W - V	1375 - 346		

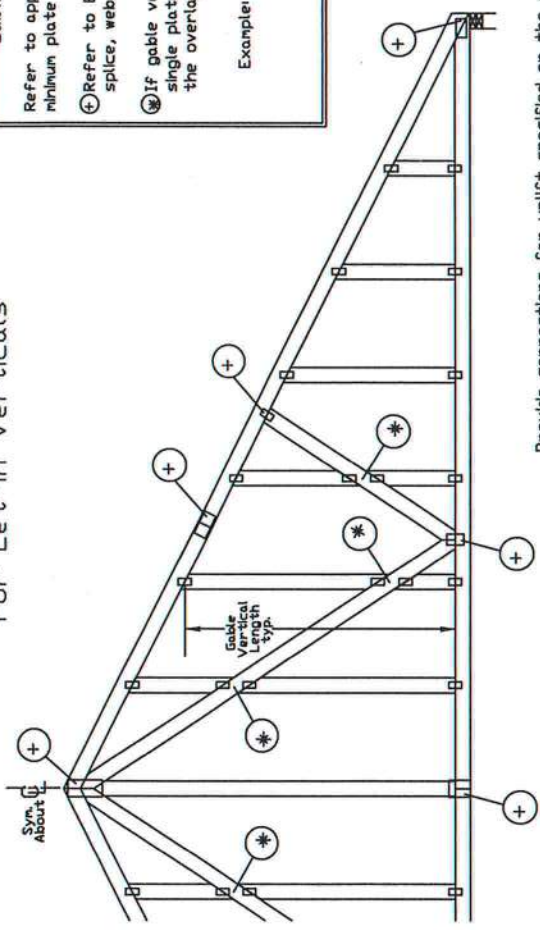
Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
Z - D	628 - 1362	H - AE	825 - 422
D - X	1137 - 414	I - AF	416 - 209
X - E	297 - 709	AF - AG	512 - 345
E - AA	585 - 203	AG - L	493 - 247
F - AA	522 - 217	AG - AH	229 - 450
F - AB	705 - 1260	AH - AI	466 - 954
AA - W	985 - 389	AH - M	702 - 293
W - AC	498 - 1343	AI - AJ	463 - 950
G - AB	361 - 525	T - N	879 - 153
G - AD	835 - 379	AJ - N	441 - 932
AB - AC	767 - 1357	AK - N	88 - 502
AC - V	972 - 121	O - R	173 - 437
AC - AD	880 - 1646	R - P	1127 - 340
AD - AE	449 - 877	P - Q	407 - 1067

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Gable Detail For Let-in Verticals



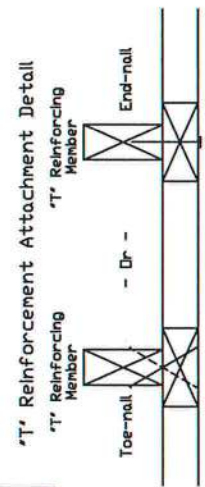
Gable Truss Plate Sizes

Refer to appropriate Alpine gable detail for minimum plate sizes for vertical studs.

⊕ Refer to Engineered truss design for peak, splice, web, and heel plates.

⊗ If gable vertical plates overlap, use a single plate that covers the total area of the overlapped plates to span the web.

Example:



To convert from 'L' to 'T' reinforcing members, multiply 'T' increase by length (based on appropriate Alpine gable detail).

Maximum allowable 'T' reinforced gable vertical length is 14' from top to bottom chord.

'T' reinforcing member material must match size, specie, and grade of the 'L' reinforcing member.

Web Length Increase w/ 'T' Brace

'T' Reinf. Mbr. Size	'T' Increase
2x4	30 %
2x6	20 %

Example:
 ASCE 7-10 Wind Speed = 120 mph
 Mean Roof Height = 30 ft, Kzt = 1.00
 Gable Vertical = 24' o.c. SP #3
 'T' Reinforcing Member Size = 2x4
 'T' Brace Increase (From Above) = 30% = 1.30
 (1) 2x4 'L' Brace Length = 8' 7"
 Maximum 'T' Reinforced Gable Vertical Length = 1.30 x 8' 7" = 11' 2"

Provide connections for uplift specified on the engineered truss design.

Attach each 'T' reinforcing member with

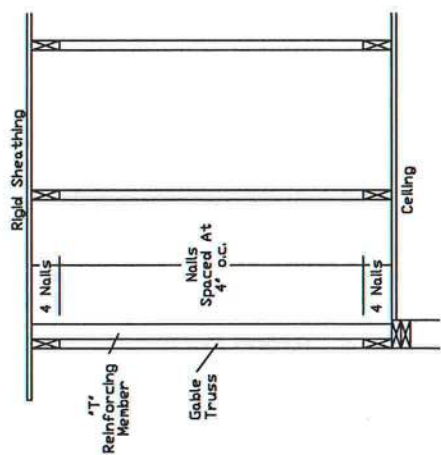
End Driven Nails:

- 10d Common (0.148" x 3.1" min) Nails at 4' o.c. plus
- (4) nails in the top and bottom chords.

Toenailed Nails:

- 10d Common (0.148" x 3.1" min) Toenails at 4' o.c. plus
- (4) toenails in the top and bottom chords.

This detail to be used with the appropriate Alpine gable detail for ASCE wind load.



- ASCE 7-05 Gable Detail Drawings
- A13015051014, A12015051014, A11015051014, A10015051014, A14015051014, A13030051014, A12030051014, A11030051014, A10030051014, A14030051014
- ASCE 7-10 & ASCE 7-16 Gable Detail Drawings
- A1151SENC100118, A1201SENC100118, A1401SENC100118, A1601SENC100118, A1801SENC100118, A2001SENC100118, A2201SENC100118, A2401SENC100118, A2601SENC100118, A2801SENC100118, A3001SENC100118, A3201SENC100118, A3401SENC100118, A3601SENC100118, A3801SENC100118, A4001SENC100118, A4201SENC100118, A4401SENC100118, A4601SENC100118, A4801SENC100118, A5001SENC100118, A5201SENC100118, A5401SENC100118, A5601SENC100118, A5801SENC100118, A6001SENC100118, A6201SENC100118, A6401SENC100118, A6601SENC100118, A6801SENC100118, A7001SENC100118, A7201SENC100118, A7401SENC100118, A7601SENC100118, A7801SENC100118, A8001SENC100118, A8201SENC100118, A8401SENC100118, A8601SENC100118, A8801SENC100118, A9001SENC100118, A9201SENC100118, A9401SENC100118, A9601SENC100118, A9801SENC100118, A10001SENC100118

See appropriate Alpine gable detail for maximum reinforced gable vertical length.

IMPORTANT: READ AND FOLLOW ALL NOTES ON THIS DRAWING TO THE INSTALLER.

Trusses require extreme care in fabrication, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI Guiding Component Safety Information, by TPI and SCSA for safety practices prior to performing these functions. Installers shall provide temporary bracing per SCSA. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of chords are for reference only. This detail is applicable to all trusses unless noted otherwise. Refer to drawings 160A-2 for standard plate positions.

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.

A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering and is the responsibility of the professional engineer. The professional engineer shall be responsible for any structure is the responsibility of the building designer per ANSI/TPI 1 Sec 2.

For more information see this job's general notes page and these web sites:
 ALPINE: www.alpinehwy.com TPI: www.tpiusa.org SCSA: www.scsa-hwy.com IBC: www.iccsafe.org



13723 Riverport Drive
 Suite 200
 Maryland Heights, MO 63043

REF	LET-IN VERT
DATE	01/02/2018
DRWG	GBLLETIN0118
MAX. TOT. LD. 60 PSF	
DUR. FAC. ANY	
MAX. SPACING 24.0"	



ASCE 7-10: 140 mph Wind Speed, 30' Mean Height, Enclosed, Exposure C, $K_{zt} = 1.00$

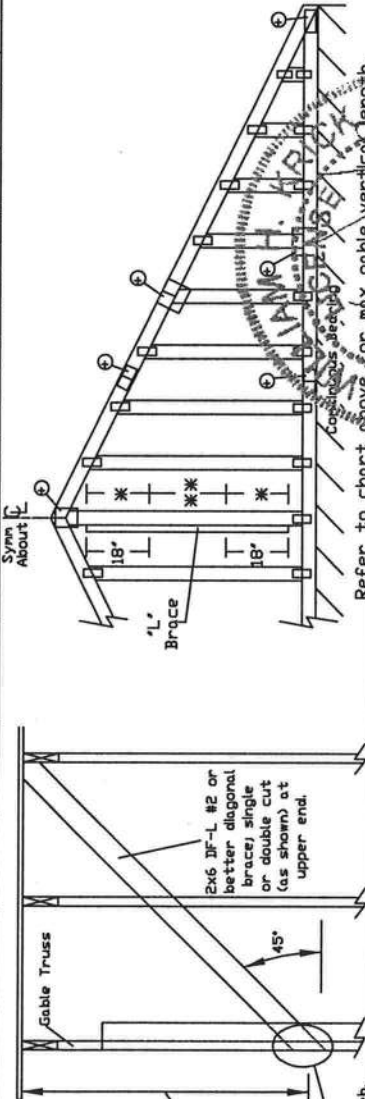
Dr	120 mph	Wind Speed, 30'	Mean Height, 30'	Partially Enclosed, Exposure C, Kzt = 1.00
Dr	120 mph	Wind Speed, 30'	Mean Height, 30'	Partially Enclosed, Exposure D, Kzt = 1.00
Dr	100 mph	Wind speed, 30'	Mean Height, 30'	Partially Enclosed, Exposure D, Kzt = 1.00

[illegible]

Diagonal brace options: vertical length may be doubled when diagonal brace is used. Connect diagonal brace for 52" at each end. Max web total length is 14'.

Vertical length shown
in table above.

Connect diagonal at midpoint of vertical web



Refer to chart above for max gable vertical length.

==WARNING== READ AND FILL IN ALL SPACES ON THIS DRAWING
==IMPORTANT== FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BECI Guiding Component Safety Information, by TPI and SCAI for safety practices prior to performing these functions. Installers should structure temporary bracing per BECI. If other bracing is required, the contractor shall have properly attached structural sheathing and bottom chord bracing. Temporary bracing shall be installed per BECI sections 351, 37 or 310, as applicable. Apply plates to each end of the truss and position as shown above and on the following drawings, unless noted otherwise.

Refer to drawings IISU-Z for standard plate positions.

Alpha, a division of ITV Building Components Group, Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation, bracing of trusses.

A seal on this drawing or cover page listing this drawing indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2

Maryland Heights, MO 63043

ALPINE: www.alpinetw.com TPI: www.tpinist.org SBCA: www.sbcaindustry.org ICO: www.icosoia.org

COA #06228/2018

ALPINE) www.alpinetw.com TPI: www.tpinat.org SBCA: www.sbca.org ICC: www.iccsa.org

Bracing Group Species and Grades	
Group A:	
Spruce-Pine-Fir #1 / #2 Standard #3 Standard	Hem-Fir #2 Standard #3 Standard
Douglas Fir-Larch #3 Standard #4 Standard #5 Standard	Southern Pine #3 Standard #4 Standard #5 Standard
Group B:	
Hem-Fir #1 & Btr. #1	Southern Pine #1 Standard #2 Standard
Douglas Fir-Larch #1 Standard #2 Standard	Southern Pine #1 Standard #2 Standard

1x4 Braces shall be SRB (Stress-Rated Board,
 #1 for 1x4 So. Pine use only Industrial 55 or
 Industrial 45 Stress-Rated Boards. Group B
 values may be used with these grades.

1x4 Braces shall be SRB (Stress-Rated Board).

Gable Truss Detail Notes

Wind Load deflection criterion is L/240.

Provide uplift connections for 100 plf over continuous bearing (5 psf TC Dead Load).

Gable end supports load from 4' 0" outlookers with 2' 0" overhang, or 12" plywood overhang

Attach "L" braces with 10d (0.128"x3.0" min) nails.

* For (1) "L" brace: space nalls at 2' o.c.

In 18' end zones and 4' o.c. between zones.

In 18" end zones and 6' o.c. between zones.

'L' bracing must be a minimum of 80% of web member length.

Vertical Length	No Splice
Less than 4' 0"	2X4
Greater than 4' 0", but less than 11' 6"	3X4
Greater than 11' 6"	4X4

+ Refer to common truss design for peak, splice, and heel plates.

Refer to the Building Designer for conditions not addressed by this detail.

REF	ASCE7-10-GABI4030
DATE	10/01/14
DRWG	A14030ENC101014

MAX. TDT. LD. 60 PSF

MAX. SPACING 24.0'

Piggyback Detail - ASCE 7-10: 160 mph, 30' Mean Height, Enclosed, Exposure C, Kzt=1.00

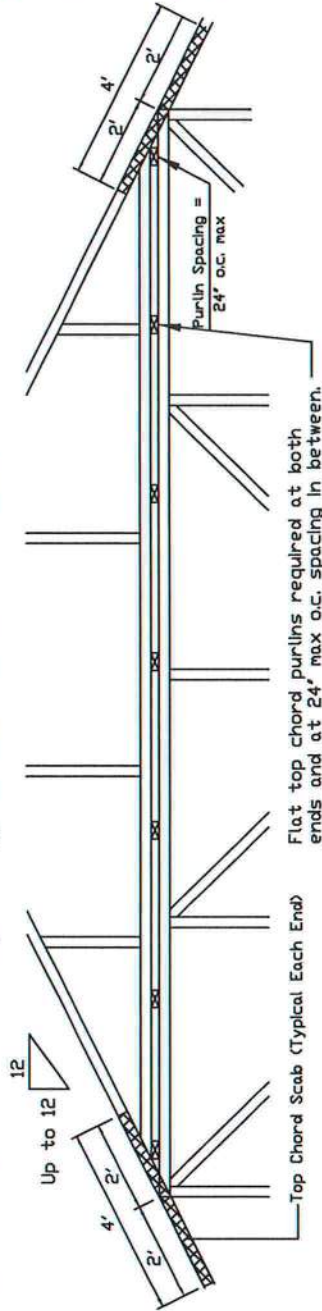
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-10, Enclosed Bldg, located anywhere in roof, Exp C, Wind DL= 5.0 psf (nh), Kzt=1.0, Dr= 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-10, Enclosed Bldg, located anywhere in roof, Exp D, Wind DL= 5.0 psf (nh), Kzt=1.0.

Note: Top chords of trusses supporting piggyback cap trusses must be adequately braced by sheathing or purlins. The building Engineer of Record shall provide diagonal bracing or any other suitable anchorage to permanently restrain purlins, and lateral bracing for out of plane loads over gable ends.

Maximum truss spacing is 24' o.c. detail is not applicable if cap supports additional loads such as cupola, steeple, chimney or drag strut loads.

Refer to Engineer's sealed truss design drawing for piggyback and base truss specifications.

Detail A : Purlin Spacing = 24" o.c. or less



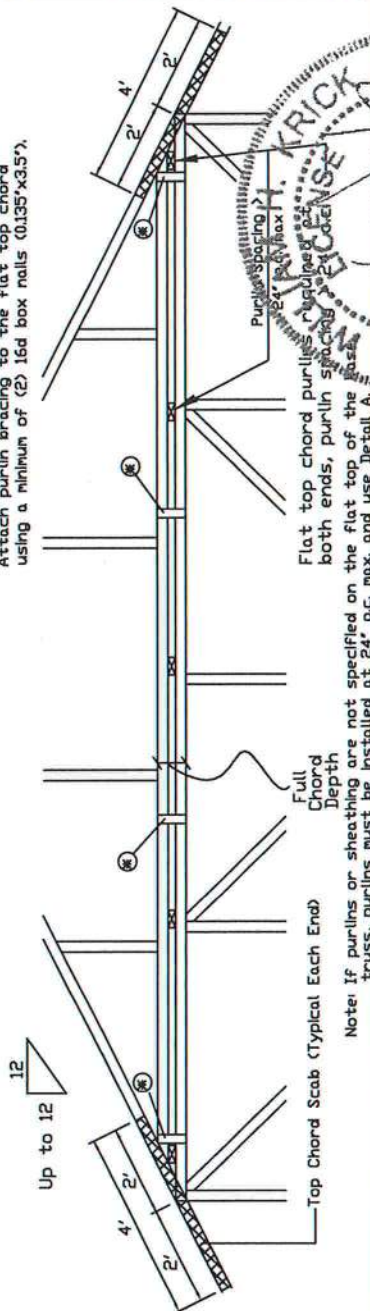
Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1) side only at each end) attached with (2) rows of 10d box nails (0.128"x3") at 4' o.c.

Attach purlin bracing to the flat top chord using (2) 16d box nails (0.135"x3.5").

The top chord #3 grade 2x4 scab may be replaced with either of the following: (1) 3x8 Trulox plate attached with (8) 0.120"x1.375" nails, (4) into cap TC & (4) into base truss TC or (2) 28PB wave piggyback plate attached to the piggyback truss TC and attached to the base truss TC with (4) 0.120"x1.375" nails. Note: Nailing thru holes of wave plate is acceptable.

Detail B : Purlin Spacing > 24" o.c.

Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1) side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4' o.c. Attach purlin bracing to the flat top chord using a minimum of (2) 16d box nails (0.135"x3.5").



Note: If purlins or sheathing are not specified on the flat top of the truss, purlins must be installed at 24' o.c. max. and use Detail A.

IMPORTANT: READ AND FOLLOW ALL NOTES ON THIS DRAWING REGARDING THE INSTALLATION OF THE TRUSSES.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of the Building Component Safety Information, by TPI and SBCA for details. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of walls shall have bracing installed per BC31 sections 32, 37 or 310, as applicable. Apply plates to restrain truss and purlins from above and on the joint details, unless noted otherwise.

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.

A seal on this drawing or cover page listing the drafter, indicates acceptance of professional engineering responsibility for the design of the building component shown on this drawing. For more information see this job's general notes page and these web sites: ALPINE: www.alpineinc.com TPI: www.tpiusa.org SBCA: www.sbcaindust.org IDO: www.sbcasafe.org



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In addition, provide connection with one of the following methods:

Trulox

Use 3x8 Trulox plates for 2x4 chord member, and 3x10 Trulox plates for 2x6 and larger chord members. Attach to each face @ 8' o.c. with (4) 0.120"x1.375" nails into cap bottom chord and (4) in base truss top chord. Trulox plates may be staggered 4' o.c. front to back faces.

APA Rated Gusset

8"x8"x7/16" (min) APA rated sheathing gussets (each face). Attach @ 8' o.c. with (8) 6d common (0.113"x2") nails per gusset, (4) in cap bottom chord and (4) in base truss top chord. Gussets may be staggered 4' o.c. front to back faces.

2x4 Vertical Scabs

2x4 SPF #2, full chord depth scabs (each face). Attach @ 8' o.c. with (6) 10d box nails (0.128"x3") per scab, (3) in cap bottom chord and (3) in base truss top chord. Scabs may be staggered 4' o.c. front to back faces.

28PB Wave Piggyback Plate

One 28PB wave piggyback plate to each face @ 8' o.c. Attach teeth to piggyback at time of sheathing installation. (4) 0.120"x1.375" nails per face ply. Piggyback plates may be staggered 4' o.c. front to back faces.

REF PIGGYBACK

DATE 10/01/14

DRWG PB160101014

SPACING 24.0'

COA #16738/2018

CLR Reinforcing

Member Substitution

This detail is to be used when a Continuous Lateral Restraint (CLR) is specified on a truss design but an alternative web reinforcement method is desired.

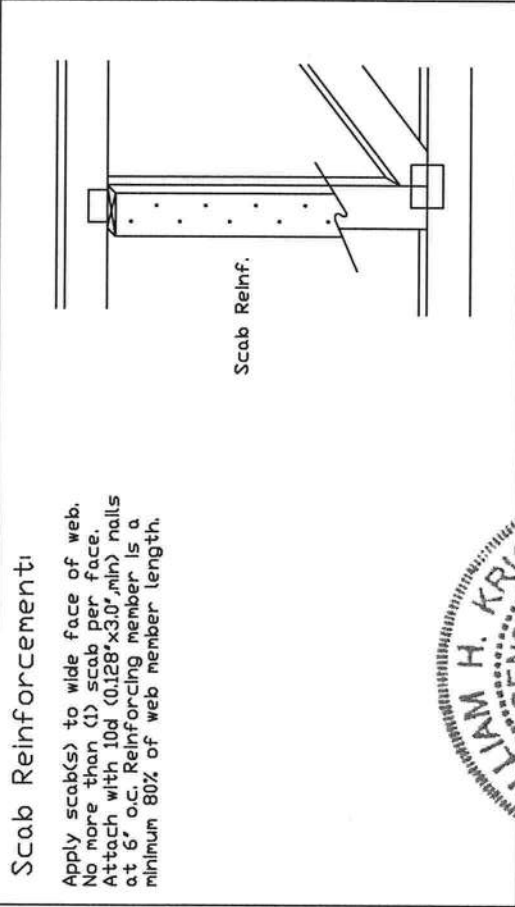
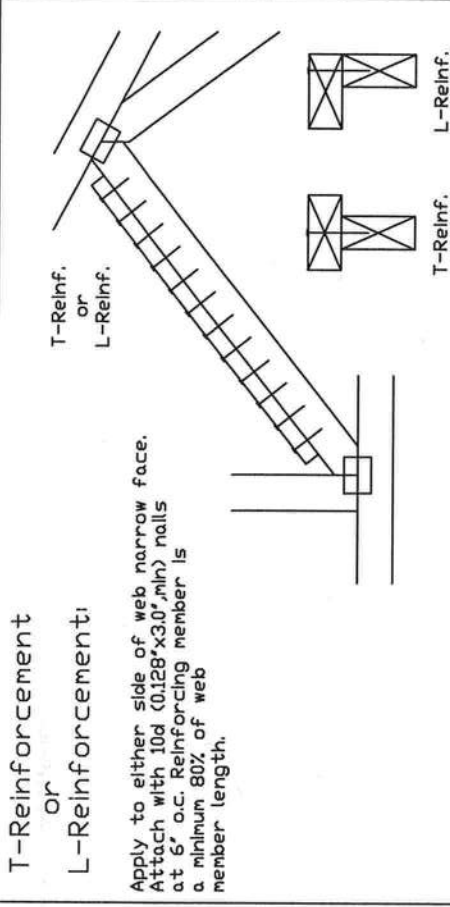
Notes:

- This detail is only applicable for changing the specified CLR shown on single ply sealed designs to T-reinforcement or L-reinforcement or scab reinforcement.
- Alternative reinforcement specified in chart below may be conservative. For minimum alternative reinforcement, re-run design with appropriate reinforcement type.

Web Member Size	Specified CLR Restraint	Alternative Reinforcement T- or L- Reinf.	Scab Reinf.
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(Ø)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(Ø)

T-reinforcement, L-reinforcement, or scab reinforcement to be same species and grade or better than web member unless specified otherwise on Engineer's sealed design.

Ø Center scab on wide face of web. Apply (1) scab to each face of web.



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IMPORTANT: READ AND FOLLOW ALL NOTES ON THIS DRAWING BEFORE BEGINNING FABRICATION, SHIPPING, INSTALLATION AND ERECTION. FAILURE TO DO SO MAY BE CONSIDERED A VIOLATION OF THE BUILDING CODE AND MAY BE PENALIZED BY THE BUILDING DEPARTMENT.

Trusses require extreme care in fabricating, handling, shipping, installing and erecting. The installer shall follow the latest edition of BCSI Guiding Component Safety Information by TPI and Scab for use with BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSI sections 33.37 or 33.38. The installer shall ensure that the truss is properly braced and that the truss is in compliance with the BCSI sections 33.37 or 33.38. Refer to drawings 150A-Z for standard plate positions.

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, erecting, or installing the truss. The installer shall be responsible for the safety of the truss and for the engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the building designer per ANSI/TPI 1 Sec.2.

For more information see this job's general notes page and these web sites:
ALPINE: www.alpinecorp.com TPI: www.tpiinc.org BCSI: www.bcsigroup.com BDO: www.bdo.com



REF	CLR Subst.	PSF	TC LL	TC DL	BC DL	BC LL	TOT. LD.	DUR. FAC.	SPACING
DATE	10/01/14	PSF							
DRWG	BRCLBSUB1014	PSF							
		PSF							
		PSF							

