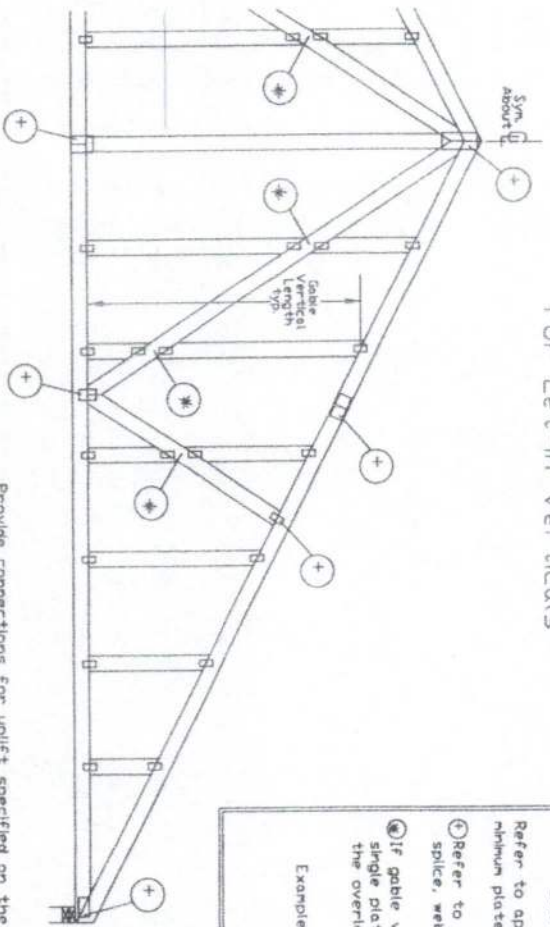


# Gable Detail For Let-in Verticals



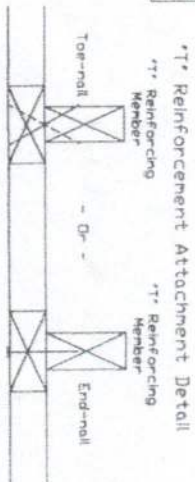
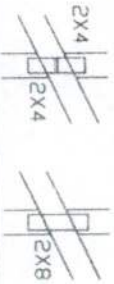
## Gable Truss Plate Sizes

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

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

2) 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"

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

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

10d Common (0.148"x3".min) Toenails at 4' o.c. plus  
(4) toenails in the top and bottom chords.

End Driven Nails:  
10d Common (0.148"x3".min) Nails at 4' o.c. plus  
(4) nails in the top and bottom chords.

Toenailed Nails:

10d Common (0.148"x3".min) Toenails at 4' o.c. plus  
(4) toenails in the top and bottom chords.

## ASCE 7-10 Gable Detail Drawings

ASCE 7-10 Gable Detail Drawings  
A1301S051014, A1201S051014, A1001S051014, A1401S051014,  
A13030051014, A12030051014, A10030051014, A14030051014

## ASCE 7-10 Gable Detail Drawings

ASCE 7-10 Gable Detail Drawings  
A1151SENC101014, A1201SENC101014, A1401SENC101014, A1601SENC101014,  
A1801SENC101014, A2001SENC101014, A2001SPED101014,  
A11530ENC101014, A12030ENC101014, A14030ENC101014, A16030ENC101014,  
A18030ENC101014, A20030ENC101014, A20030ENC101014, A20030ENC101014

WILLIAM H. KRICK  
LICENSE  
No. 70861



13388 Lakeland Drive  
Each CN, MO 63045

DESIGNER'S SEAL AND FOLLOW ALL NOTES 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 ICCI Building Component Safety Information, by TPI and SCS for safety practices prior to performing these functions. Installers should provide adequate bracing per the drawings. Trusses shall have a properly attached roof ceiling location shown for permanent lateral restraint of trusses and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 10d-2 for standard plate positions.

Alpine, a division of JTV Building Components Group Inc. shall not be responsible for any deviation from the drawings. Any failure to build the trusses in conformance with ANSI/TPI 1, or for handling, shipping, or installing the trusses, shall be the responsibility of the contractor. The suitability and use of the 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.alpine.com TPI: www.tpi.org ICD: www.icddesign.org



MAX. TOT. LD. 60 PSF	REF LET-IN VERT
DUR. FAC. ANY	DATE 10/01/14
MAX. SPACING 24.0"	DRWG GBLETTIN1014

# SCAB 2X4 OVERHANG DETAIL

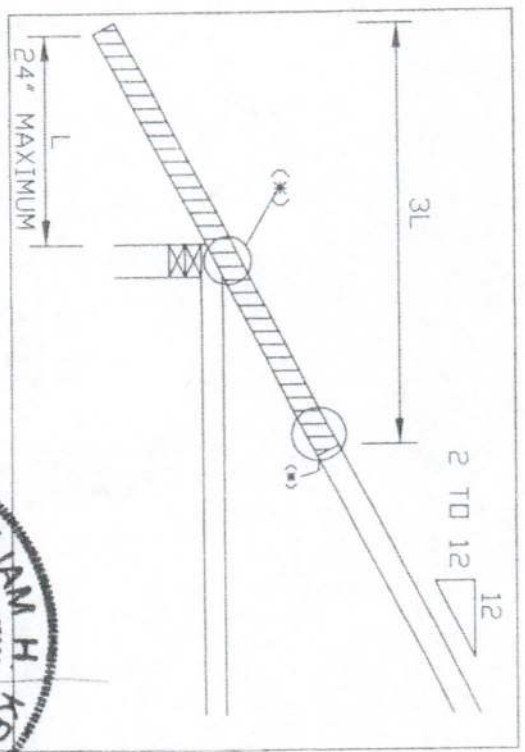
ASCE 7-05 120 mph wind, CAT II, EXP C,  
30.00 ft mean hgt, located anywhere in roof,  
wind TC DL=4.2 psf, wind BC DL=6.0 psf, Kzt = 1.00.

ASCE 7-10 160 mph wind, EXP C, Dr 140 mph wind, EXP D,  
30.00 ft mean hgt, located anywhere in roof,  
wind TC DL=4.2 psf, wind BC DL=6.0 psf, Kzt = 1.00.

Minimum 2X4 scab, same grade and species as top chord designated on Engineer's sealed design and three times the overhang length. Attach overhang scab to one face of top chord with 10d box (0.128"x3.0", min) nails at 8" o.c. plus clusters of four nails where shown in figure below (\*).

NOTE: #2 is the minimum lumber grade allowed for all species.

NOTE: Add 210# uplift (max.) to reported truss uplift for wall connections.



INSTALLER MUST READ AND FOLLOW ALL NOTES ON THIS DRAWING.  
INSTALLER MUST PROVIDE TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

Trusses require extreme care in erecting, moving, shipping, handling and bracing. Refer to and follow the manufacturer's instructions for all trusses. Trusses are not to be used for any other purpose prior to performing these functions. Installers shall provide temporary bracing per RCSI. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web shall have bracing installed per RCSI sections E1, E7 or E10, as applicable. Apply plates to each face of truss end position as shown above and on the detail details. Unless noted otherwise, refer to drawings listed for standard plate. Grade Inc. shall not be responsible for any deviation from the manufacturer's instructions. Grade Inc. shall not be responsible for any deviation from the manufacturer's instructions. Grade Inc. shall not be responsible for any deviation from the manufacturer's instructions.

Alpine, a division of JTV Building Components Grade Inc. shall not be responsible for any deviation from the manufacturer's instructions. Alpine, a division of JTV Building Components Grade Inc. shall not be responsible for any deviation from the manufacturer's instructions. Alpine, a division of JTV Building Components Grade Inc. shall not be responsible for any deviation from the manufacturer's instructions.



13386 Laramie Drive  
Earth City MO 63045



REF	EX4 SCAB D.H.
DATE	10/01/14
DRWG	DHSCB2X41014
DUR. FAC.	115/125
SPACING	24"



This drawing specifies repairs for a truss with broken chord or web member.

This design is valid only for single ply trusses with 2x4 or 2x6 broken members. No more than one break per chord panel and no more than two breaks per truss are allowed. Contact the truss manufacturer for any repairs that do not comply with this detail.

(B) = Damaged area, 12" max length of damaged section  
(L) = Minimum nailing distance on each side of damaged area  
(S) = Two 2x4 or two 2x6 side members, same size, grade, and species as damaged member. Apply one scab per face. Minimum side member length(s) = (2xL) + (B)

Scab member length (S) must be within the broken panel.

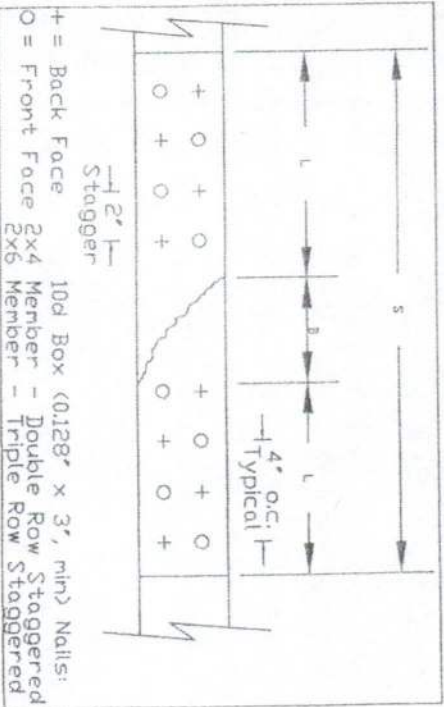
Nail into 2x4 members using two (2) rows at 4' o.c., rows staggered.  
Nail into 2x6 members using three (3) rows at 4' o.c., rows staggered.  
Nail using 10d box or gun nails (0.128"x3", min) into each side member.

The maximum permitted lumber grade for use with this detail is limited to Visual grade #1 and MSR grade 1650f.

This repair detail may be used for broken connector plate at mid-panel splices.

This repair detail may not be used for damaged chord or web sections occurring within the connector plate area.

Broken chord may not support any tie-in loads.



Load Duration = 0%					Member Forces may be increased for Duration of Load			
					Maximum Member Axial Force			
Member	Size	L	SPF-C	HF	DF-L	SYP		
Web Only	2x4	12'	620#	635#	730#	800#		
Web Only	2x4	18'	975#	1055#	1295#	1415#		
Web or Chord	2x4	24'	975#	1055#	1495#	1745#		
Web or Chord	2x6		1465#	1585#	2245#	2620#		
Web or Chord	2x4	30'	1910#	1960#	2315#	2555#		
Web or Chord	2x6		2230#	2365#	3125#	3575#		
Web or Chord	2x4	36'	2470#	2530#	2930#	3210#		
Web or Chord	2x6		3535#	3635#	4295#	4745#		
Web or Chord	2x4	42'	2975#	3045#	3505#	3835#		
Web or Chord	2x6		4395#	4500#	5225#	5725#		
Web or Chord	2x4	48'	3460#	3540#	4070#	4445#		
Web or Chord	2x6		5165#	5280#	6095#	6660#		

Load Duration = 0%.  
Member forces may be increased for Duration of Load

Maximum Member Axial Force

### Nail Spacing Detail

WE/ANYONE WHO READ AND FILL IN ALL NOTES ON THIS DRAWING  
HEREBY CERTIFY THAT THESE DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

Installers require extreme care in fabricating, handling, shipping, installing and brooding. Refer to and follow the latest edition of BSCI Shading Component Safety Information by TPI and S&D for BSCI safety instructions. BSCI components are not to be used for any application other than those listed below. BSCI installers must be properly trained and experienced in the installation of BSCI components. BSCI installers have a properly attached rigid ceiling. Locations shown for BSCI components are for general use. BSCI must be properly installed per BSCI sections 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000. Details, unless noted otherwise.

No. 70861

WILLIAM H. KRICK  
LICENSE

REF MEMBER REPAIR

DATE 10/01/14

DPW, RFPCHRD1014

437801 *Abstracts of the 1998 Annual Meeting of the American Psychological Association, 1998, Washington, DC, August 1-5. See also 437802-437803, 437804-437805, 437806-437807, 437808-437809, 437810-437811, 437812-437813, 437814-437815, 437816-437817, 437818-437819, 437820-437821, 437822-437823, 437824-437825, 437826-437827, 437828-437829, 437830-437831, 437832-437833, 437834-437835, 437836-437837, 437838-437839, 437840-437841, 437842-437843, 437844-437845, 437846-437847, 437848-437849, 437850-437851, 437852-437853, 437854-437855, 437856-437857, 437858-437859, 437860-437861, 437862-437863, 437864-437865, 437866-437867, 437868-437869, 437870-437871, 437872-437873, 437874-437875, 437876-437877, 437878-437879, 437880-437881, 437882-437883, 437884-437885, 437886-437887, 437888-437889, 437890-437891, 437892-437893, 437894-437895, 437896-437897, 437898-437899, 437900-437901, 437902-437903, 437904-437905, 437906-437907, 437908-437909, 437910-437911, 437912-437913, 437914-437915, 437916-437917, 437918-437919, 437920-437921, 437922-437923, 437924-437925, 437926-437927, 437928-437929, 437930-437931, 437932-437933, 437934-437935, 437936-437937, 437938-437939, 437940-437941, 437942-437943, 437944-437945, 437946-437947, 437948-437949, 437950-437951, 437952-437953, 437954-437955, 437956-437957, 437958-437959, 437960-437961, 437962-437963, 437964-437965, 437966-437967, 437968-437969, 437970-437971, 437972-437973, 437974-437975, 437976-437977, 437978-437979, 437980-437981, 437982-437983, 437984-437985, 437986-437987, 437988-437989, 437990-437991, 437992-437993, 437994-437995, 437996-437997, 437998-437999, 438000-438001, 438002-438003, 438004-438005, 438006-438007, 438008-438009, 438010-438011, 438012-438013, 438014-438015, 438016-438017, 438018-438019, 438020-438021, 438022-438023, 438024-438025, 438026-438027, 438028-438029, 438030-438031, 438032-438033, 438034-438035, 438036-438037, 438038-438039, 438040-438041, 438042-438043, 438044-438045, 438046-438047, 438048-438049, 438050-438051, 438052-438053, 438054-438055, 438056-438057, 438058-438059, 438060-438061, 438062-438063, 438064-438065, 438066-438067, 438068-438069, 438070-438071, 438072-438073, 438074-438075, 438076-438077, 438078-438079, 438080-438081, 438082-438083, 438084-438085, 438086-438087, 438088-438089, 438090-438091, 438092-438093, 438094-438095, 438096-438097, 438098-438099, 438100-438101, 438102-438103, 438104-438105, 438106-438107, 438108-438109, 438110-438111, 438112-438113, 438114-438115, 438116-438117, 438118-438119, 438120-438121, 438122-438123, 438124-438125, 438126-438127, 438128-438129, 438130-438131, 438132-438133, 438134-438135, 438136-438137, 438138-438139, 438140-438141, 438142-438143, 438144-438145, 438146-438147, 438148-438149, 438150-438151, 438152-438153, 438154-438155, 438156-438157, 438158-438159, 438160-438161, 438162-438163, 438164-438165, 438166-438167, 438168-438169, 438170-438171, 438172-438173, 438174-438175, 438176-438177, 438178-438179, 438180-438181, 438182-438183, 438184-438185, 438186-438187, 438188-438189, 438190-438191, 438192-438193, 438194-438195, 438196-438197, 438198-438199, 438200-438201, 438202-438203, 438204-438205, 438206-438207, 438208-438209, 438210-438211, 438212-438213, 438214-438215, 438216-438217, 438218-438219, 438220-438221, 438222-438223, 438224-438225, 438226-438227, 438228-438229, 438230-438231, 438232-438233, 438234-438235, 438236-438237, 438238-438239, 438240-438241, 438242-438243, 438244-438245, 438246-438247, 438248-438249, 438250-438251, 438252-438253, 438254-438255, 438256-438257, 438258-438259, 438260-438261, 438262-438263, 438264-438265, 438266-438267, 438268-438269, 438270-438271, 438272-438273, 438274-438275, 438276-438277, 438278-438279, 438280-438281, 438282-438283, 438284-438285, 438286-438287, 438288-438289, 438290-438291, 438292-438293, 438294-438295, 438296-438297, 438298-438299, 438300-438301, 438302-438303, 438304-438305, 438306-438307, 438308-438309, 438310-438311, 438312-438313, 438314-438315, 438316-438317, 438318-438319, 438320-438321, 438322-438323, 438324-438325, 438326-438327, 438328-438329, 438330-438331, 438332-438333, 438334-438335, 438336-438337, 438338-438339, 438340-438341,*

Earth City, MO 63045

For more information see this job's General Notes page and visit our web site.

STATE OF  
MISSISSIPPI  
DEPARTMENT OF REVENUE  
OFFICE OF THE COMMISSIONER  
JAN 1 1900

SPACING: 24.0' MAX



# Cracked or Broken Member Repair Detail

This drawing specifies repairs for a truss with broken chord or web member.

This design is valid only for single ply trusses with 2x4 or 2x6 broken members. No more than one break per chord panel and no more than two breaks per truss are allowed. Contact the truss manufacturer for any repairs that do not comply with this detail.

- (B) = Damaged area, 12' max length of damaged section
- (L) = Minimum nailing distance on each side of damaged area (B)
- (S) = Two 2x4 or two 2x6 side members, same size, grade, and species as damaged member. Apply one scab per face. Minimum side member length(s) = (2)(L) + (B)

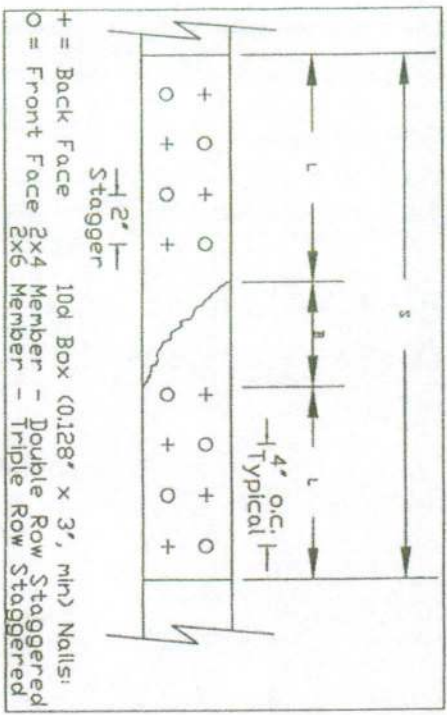
Scab member length (S) must be within the broken panel. Nail into 2x4 members using two (2) rows at 4" o.c., rows staggered. Nail into 2x6 members using three (3) rows at 4" o.c., rows staggered. Nail using 10d box or gun nails (0.128"x3", min) into each side member.

The maximum permitted lumber grade for use with this detail is limited to Visual grade #1 and MSR grade 1650f.

This repair detail may be used for broken connector plate at mid-panel splices.

This repair detail may not be used for damaged chord or web sections occurring within the connector plate area.

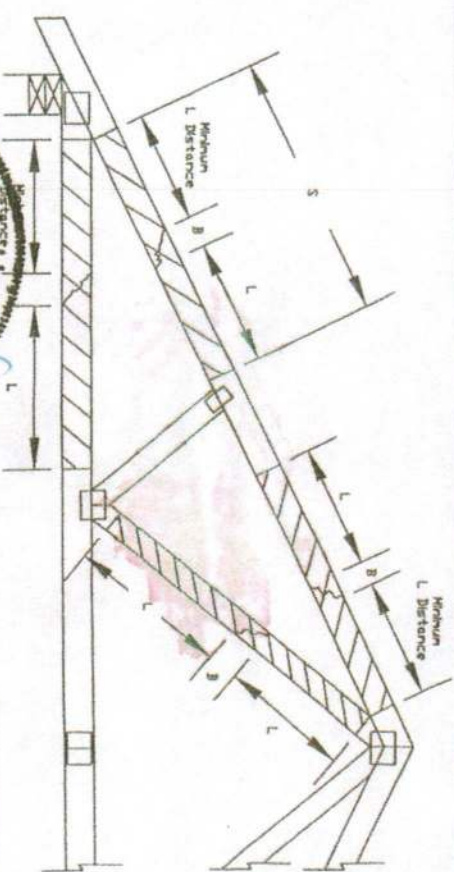
Broken chord may not support any tie-in loads.



Nail Spacing Detail

Load Duration = 0%  
 Member forces may be increased for Duration of Load

Member	Size	L	Maximum Member Axial Force			
			SPF-C	HF	DF-L	SYP
Web Only	2x4	12'	620#	635#	730#	800#
Web Only	2x4	18'	975#	1055#	1295#	1415#
Web or Chord	2x4		975#	1055#	1495#	1745#
Web or Chord	2x6	24'	1465#	1585#	2245#	2620#
Web or Chord	2x4		1910#	1960#	2315#	2555#
Web or Chord	2x6	30'	2230#	2365#	3125#	3575#
Web or Chord	2x4		2470#	2530#	2930#	3210#
Web or Chord	2x6	36'	3535#	3635#	4295#	4745#
Web or Chord	2x4		2975#	3045#	3505#	3835#
Web or Chord	2x6	42'	4395#	4500#	5225#	5725#
Web or Chord	2x4		3460#	3540#	4070#	4445#
Web or Chord	2x6	48'	5165#	5280#	6095#	6660#



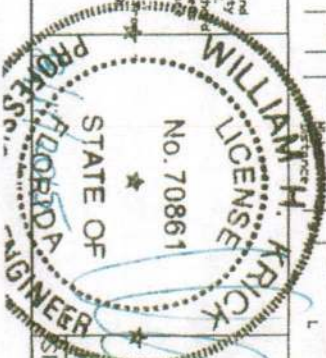
13200 Lakewood Drive  
 Burnt Creek, MO 63045

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

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 BCSI for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Ladders noted otherwise, too chord shall have properly attached structural sheathing and bottom chord bracing. Trusses shall be braced in accordance with BCSI section 3.11 or B10, as applicable. Apply plates to each foot of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 100A-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 conformance with ANSI/TPI 1, or for handling, shipping, installation, bracing or bracing. Please listing this drawing, indicating acceptance of professional responsibility for the design shown. The liability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1, Sec. 2.

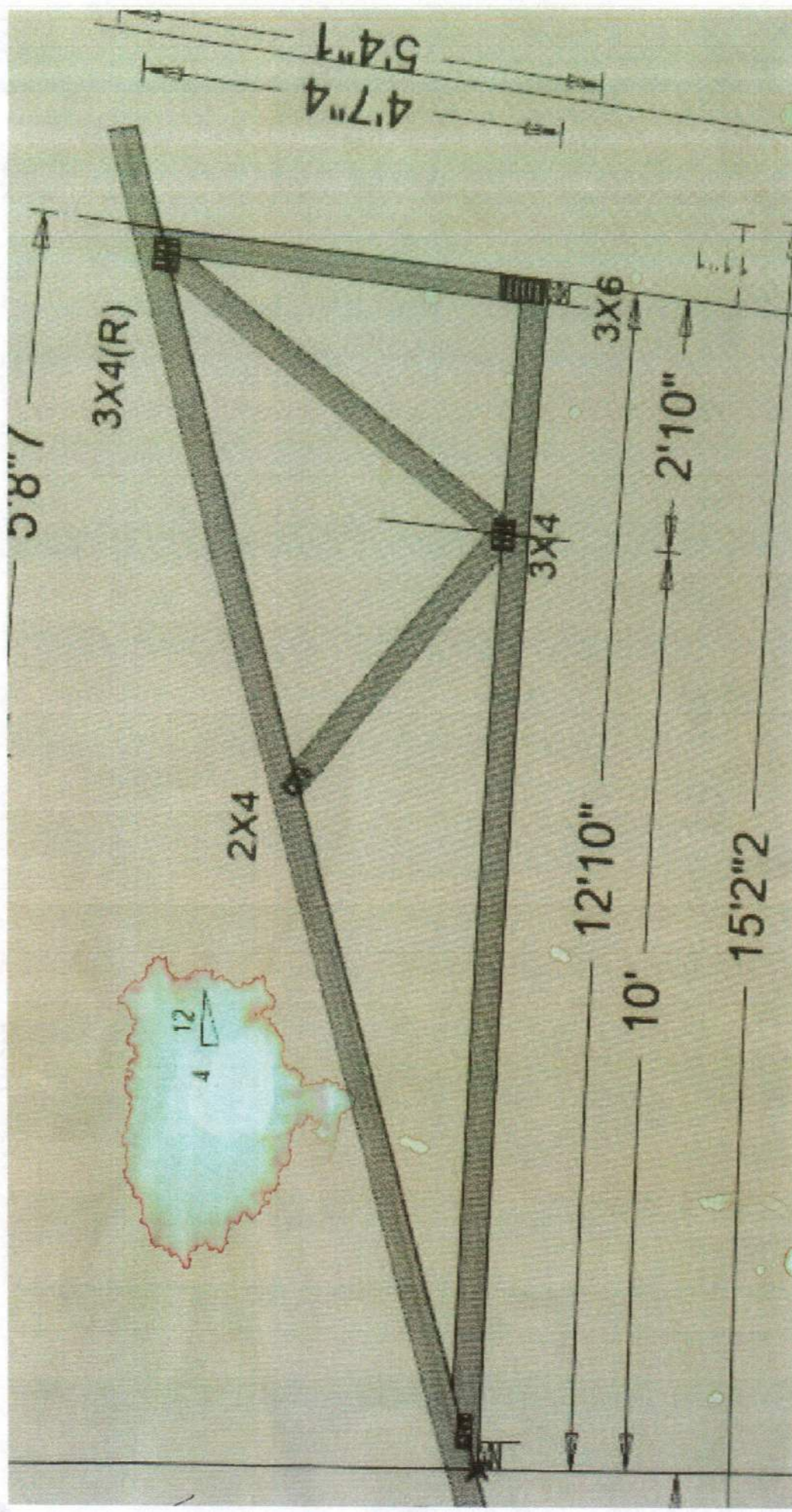
For more information see the job's general notes page and this web site: [www.alpineitw.com](http://www.alpineitw.com) TPI: [www.tpi.org](http://www.tpi.org) BCSI: [www.bcsitruss.com](http://www.bcsitruss.com) IBC: [www.ibc.org](http://www.ibc.org)



REF	MEMBER REPAIR
DATE	10/01/14
DRWG	REPCHRD1014

SPACING 24.0" MAX







ASCE 7-10: 140 mph Wind Speed, 30' Mean Height, Enclosed, Exposure C, Kzt = 1.00

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

# Gable Stud Reinforcement Detail

Gable Vertical Species	Brace Grade	No	(1) 1x4 1" L" Brace		(1) 2x4 1" L" Brace		(2) 2x4 1" L" Brace		(1) 2x6 1" L" Brace		(2) 2x6 1" L" Brace	
			Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B
SPF	#1 / #2	4' 1"	6' 11"	7' 2"	8' 2"	8' 6"	9' 9"	10' 2"	12' 10"	13' 4"	14' 0"	14' 0"
	#3	3' 10"	6' 2"	6' 7"	8' 1"	8' 5"	9' 8"	10' 0"	12' 8"	13' 2"	14' 0"	14' 0"
	Stud	3' 10"	6' 2"	6' 7"	8' 1"	8' 5"	9' 8"	10' 0"	12' 8"	13' 2"	14' 0"	14' 0"
HF	Standard	3' 10"	6' 2"	6' 7"	8' 1"	8' 5"	9' 8"	10' 0"	12' 8"	13' 2"	14' 0"	14' 0"
	#1	4' 2"	7' 0"	7' 3"	8' 3"	8' 7"	9' 10"	10' 3"	13' 0"	13' 6"	14' 0"	14' 0"
	#2	4' 1"	6' 11"	7' 2"	8' 2"	8' 6"	9' 9"	10' 2"	12' 10"	13' 4"	14' 0"	14' 0"
DFL	Standard	4' 0"	5' 7"	5' 11"	7' 5"	7' 11"	9' 8"	10' 1"	11' 7"	12' 5"	14' 0"	14' 0"
	#1 / #2	4' 0"	5' 7"	5' 11"	7' 5"	7' 11"	9' 8"	10' 1"	11' 7"	12' 5"	14' 0"	14' 0"
	#3	4' 8"	7' 11"	8' 3"	9' 4"	9' 9"	11' 2"	11' 7"	14' 0"	14' 0"	14' 0"	14' 0"
SPF	Standard	4' 5"	7' 6"	8' 0"	9' 3"	9' 7"	11' 0"	11' 6"	14' 0"	14' 0"	14' 0"	14' 0"
	#1	4' 5"	7' 6"	8' 0"	9' 3"	9' 7"	11' 0"	11' 6"	14' 0"	14' 0"	14' 0"	14' 0"
	#3	4' 5"	7' 6"	8' 0"	9' 3"	9' 7"	11' 0"	11' 6"	14' 0"	14' 0"	14' 0"	14' 0"
HF	Standard	4' 5"	7' 6"	8' 0"	9' 3"	9' 7"	11' 0"	11' 6"	14' 0"	14' 0"	14' 0"	14' 0"
	#1	4' 5"	7' 6"	8' 0"	9' 3"	9' 7"	11' 0"	11' 6"	14' 0"	14' 0"	14' 0"	14' 0"
	#3	4' 5"	7' 6"	8' 0"	9' 3"	9' 7"	11' 0"	11' 6"	14' 0"	14' 0"	14' 0"	14' 0"
DFL	Standard	4' 5"	7' 6"	8' 0"	9' 3"	9' 7"	11' 0"	11' 6"	14' 0"	14' 0"	14' 0"	14' 0"
	#1	4' 5"	7' 6"	8' 0"	9' 3"	9' 7"	11' 0"	11' 6"	14' 0"	14' 0"	14' 0"	14' 0"
	#3	4' 5"	7' 6"	8' 0"	9' 3"	9' 7"	11' 0"	11' 6"	14' 0"	14' 0"	14' 0"	14' 0"
SP	Standard	4' 7"	6' 10"	7' 3"	9' 1"	9' 8"	11' 1"	11' 6"	14' 0"	14' 0"	14' 0"	14' 0"
	#1	4' 7"	6' 10"	7' 3"	9' 1"	9' 8"	11' 1"	11' 6"	14' 0"	14' 0"	14' 0"	14' 0"
	#3	4' 7"	6' 10"	7' 3"	9' 1"	9' 8"	11' 1"	11' 6"	14' 0"	14' 0"	14' 0"	14' 0"
DFL	Standard	4' 5"	6' 0"	6' 5"	8' 0"	8' 7"	10' 10"	11' 6"	12' 7"	13' 15"	14' 0"	14' 0"
	#1 / #2	5' 2"	8' 9"	9' 1"	10' 4"	10' 9"	12' 9"	12' 9"	14' 0"	14' 0"	14' 0"	14' 0"
	#3	4' 10"	8' 7"	8' 11"	10' 2"	10' 7"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"
SPF	Standard	4' 10"	8' 7"	8' 11"	10' 2"	10' 7"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"
	#1	4' 10"	8' 7"	8' 11"	10' 2"	10' 7"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"
	#3	4' 10"	8' 7"	8' 11"	10' 2"	10' 7"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"
HF	Standard	4' 10"	8' 7"	8' 11"	10' 2"	10' 7"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"
	#1	4' 10"	8' 7"	8' 11"	10' 2"	10' 7"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"
	#3	4' 10"	8' 7"	8' 11"	10' 2"	10' 7"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"
SP	Standard	5' 2"	8' 9"	9' 1"	10' 4"	10' 9"	12' 9"	12' 9"	14' 0"	14' 0"	14' 0"	14' 0"
	#1	5' 2"	8' 9"	9' 1"	10' 4"	10' 9"	12' 9"	12' 9"	14' 0"	14' 0"	14' 0"	14' 0"
	#3	5' 0"	7' 10"	8' 4"	10' 3"	10' 8"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"
DFL	Standard	5' 0"	7' 10"	8' 4"	10' 3"	10' 8"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"
	#1	5' 0"	7' 10"	8' 4"	10' 3"	10' 8"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"
	#3	4' 10"	6' 11"	7' 4"	9' 3"	9' 10"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"

## Bracing Group Species and Grades:

Group A:		Group B:	
Species-Fir	Stud	Species-Fir	Stud
#1 / #2	Standard	#1 / #2	Standard
#3	Standard	#3	Standard

Group A:		Group B:	
Species-Fir-Larch	Stud	Species-Fir-Larch	Stud
#1 / #2	Standard	#1 / #2	Standard
#3	Standard	#3	Standard

Group A:		Group B:	
Species-Fir-Larch	Stud	Species-Fir-Larch	Stud
#1 / #2	Standard	#1 / #2	Standard
#3	Standard	#3	Standard

## Gable Truss Detail Notes:

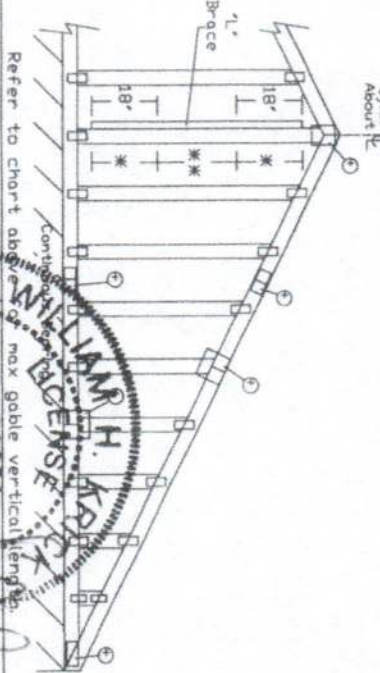
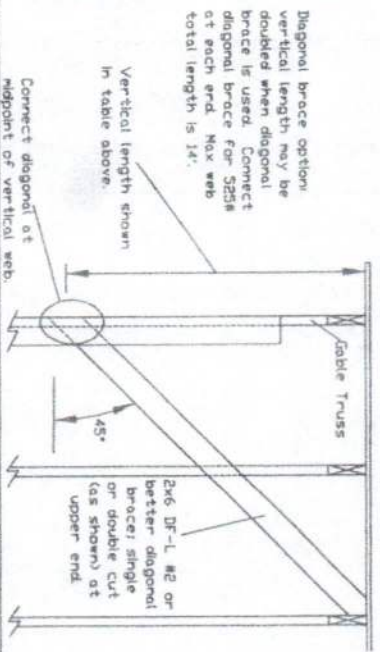
Wind Load deflection criterion is L/240.  
 Provide uplift connections for 100 psf over continuous bearing (5 psf TC Dead Load).  
 Gable end supports load from 4' 0" outlookers with 2' 0" overhang, or 12" plywood overhang.

Attach 1" L" braces with 10d (0.128x3.0" min) nails.  
 \* For (1) 1" L" brace: space nails at 2' o.c. in 18' end zones and 4' o.c. between zones.  
 \* For (2) 1" L" braces: space nails at 2' o.c. in 18' end zones and 6' o.c. between zones.  
 1" L" bracing must be a minimum of 80% of web member length.

Gable Vertical Plate Sizes	
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 the Building Designer for conditions not addressed by this detail.

REF ASCE7-10-GAB14030  
 DATE 10/01/14  
 DRWG A14030ENC10101



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



Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Before installation, the truss manufacturer shall provide a detailed erection manual to the building designer. The building designer shall review the erection manual and provide written approval before installation. The building designer shall also provide a detailed bracing plan to the truss manufacturer. The truss manufacturer shall follow the bracing plan and provide a detailed bracing log to the building designer. The building designer shall review the bracing log and provide written approval before installation. The building designer shall also provide a detailed bracing plan to the truss manufacturer. The truss manufacturer shall follow the bracing plan and provide a detailed bracing log to the building designer. The building designer shall review the bracing log and provide written approval before installation.



MAX. TOT. LD. 60 PSF  
 MAX. SPACING 24.0'