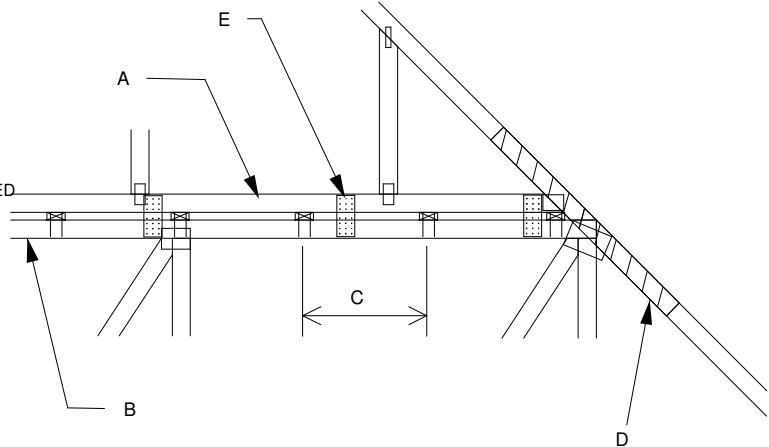


MAXIMUM WIND SPEED = REFER TO NOTES D AND OR E  
 MAX MEAN ROOF HEIGHT = 30 FEET  
 MAX TRUSS SPACING = 24" O.C.  
 CATEGORY II BUILDING  
 EXPOSURE B or C  
 ASCE 7-10  
 DURATION OF LOAD INCREASE : 1.60

DETAIL IS NOT APPLICABLE FOR TRUSSES  
 TRANSFERRING DRAG LOADS (SHEAR TRUSSES).  
 ADDITIONAL CONSIDERATIONS BY BUILDING  
 ENGINEER/DESIGNER ARE REQUIRED.

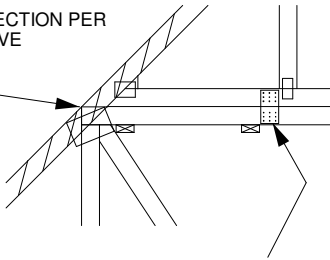
- A - PIGGYBACK TRUSS, REFER TO MITEK TRUSS DESIGN DRAWING.  
 SHALL BE CONNECTED TO EACH PURLIN  
 WITH (2) (0.131" X 3.5") TOE-NAILED.
- B - BASE TRUSS, REFER TO MITEK TRUSS DESIGN DRAWING.
- C - PURLINS AT EACH BASE TRUSS JOINT AND A MAXIMUM 24" O.C.  
 UNLESS SPECIFIED CLOSER ON MITEK TRUSS DESIGN DRAWING.  
 CONNECT TO BASE TRUSS WITH (2) (0.131" X 3.5") NAILS EACH.
- D - 2 X \_\_\_\_ X 4'-0" SCAB, SIZE TO MATCH TOP CHORD OF  
 PIGGYBACK TRUSS, MIN GRADE #2, ATTACHED TO ONE FACE, CENTERED  
 ON INTERSECTION, WITH (2) ROWS OF (0.131" X 3") NAILS @ 4" O.C.  
 SCAB MAY BE OMITTED PROVIDED THE TOP CHORD SHEATHING  
 IS CONTINUOUS OVER INTERSECTION AT LEAST 1 FT. IN BOTH  
 DIRECTIONS AND:  
 1. WIND SPEED OF 115 MPH OR LESS FOR ANY PIGGYBACK SPAN, OR  
 2. WIND SPEED OF 116 MPH TO 160 MPH WITH A MAXIMUM  
 PIGGYBACK SPAN OF 12 ft.
- E - FOR WIND SPEEDS BETWEEN 116 AND 160 MPH, ATTACH  
 MITEK 3X8 20 GA Nail-On PLATES TO EACH FACE OF TRUSSES AT  
 72" O.C. W/ (4) (0.131" X 1.5") NAILS PER MEMBER. STAGGER NAILS  
 FROM OPPOSING FACES. ENSURE 0.5" EDGE DISTANCE.  
 (MIN. 2 PAIRS OF PLATES REQ. REGARDLESS OF SPAN)



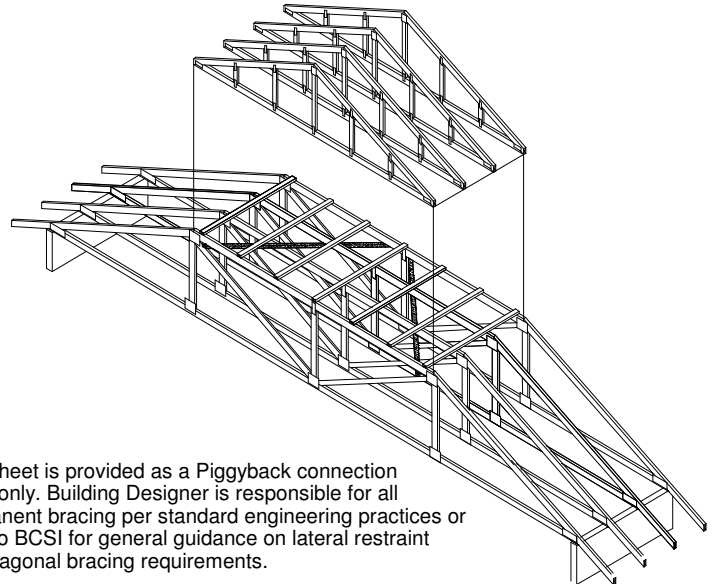
#### WHEN NO GAP BETWEEN PIGGYBACK AND BASE TRUSS EXISTS:

REPLACE TOE NAILING OF PIGGYBACK TRUSS TO PURLINS WITH Nail-On  
 PLATES AS SHOWN, AND INSTALL PURLINS TO BOTTOM EDGE OF BASE  
 TRUSS TOP CHORD AT SPECIFIED SPACING SHOWN ON BASE  
 TRUSS MITEK DESIGN DRAWING.

SCAB CONNECTION PER  
 NOTE D ABOVE

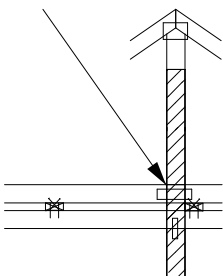


FOR ALL WIND SPEEDS, ATTACH MITEK 3X6 20 GA Nail-On PLATES TO  
 EACH FACE OF TRUSSES AT 48" O.C. W/ (4) (0.131" X 1.5") PER MEMBER.  
 STAGGER NAILS FROM OPPOSING FACES ENSURE 0.5" EDGE DISTANCE.



This sheet is provided as a Piggyback connection  
 detail only. Building Designer is responsible for all  
 permanent bracing per standard engineering practices or  
 refer to BCSI for general guidance on lateral restraint  
 and diagonal bracing requirements.

#### VERTICAL WEB TO EXTEND THROUGH BOTTOM CHORD OF PIGGYBACK



#### FOR LARGE CONCENTRATED LOADS APPLIED TO CAP TRUSS REQUIRING A VERTICAL WEB:

- 1) VERTICAL WEBS OF PIGGYBACK AND BASE TRUSS  
 MUST MATCH IN SIZE, GRADE, AND MUST LINE UP  
 AS SHOWN IN DETAIL.
- 2) ATTACH 2 x \_\_\_\_ x 4'-0" SCAB TO EACH FACE OF  
 TRUSS ASSEMBLY WITH 2 ROWS OF 10d (0.131" X 3") NAILS  
 SPACED 4" O.C. FROM EACH FACE. (SIZE AND GRADE TO MATCH  
 VERTICAL WEBS OF PIGGYBACK AND BASE TRUSS.)  
 (MINIMUM 2X4)
- 3) THIS CONNECTION IS ONLY VALID FOR A MAXIMUM  
 CONCENTRATED LOAD OF 4000 LBS. (@1.15). REVIEW  
 BY A QUALIFIED ENGINEER IS REQUIRED FOR LOADS  
 GREATER THAN 4000 LBS.
- 4) FOR PIGGYBACK TRUSSES CARRYING GIRDER LOADS,  
 NUMBER OF PLYS OF PIGGYBACK TRUSS TO MATCH BASE TRUSS.
- 5) CONCENTRATED LOAD MUST BE APPLIED TO BOTH  
 THE PIGGYBACK AND THE BASE TRUSS DESIGN.