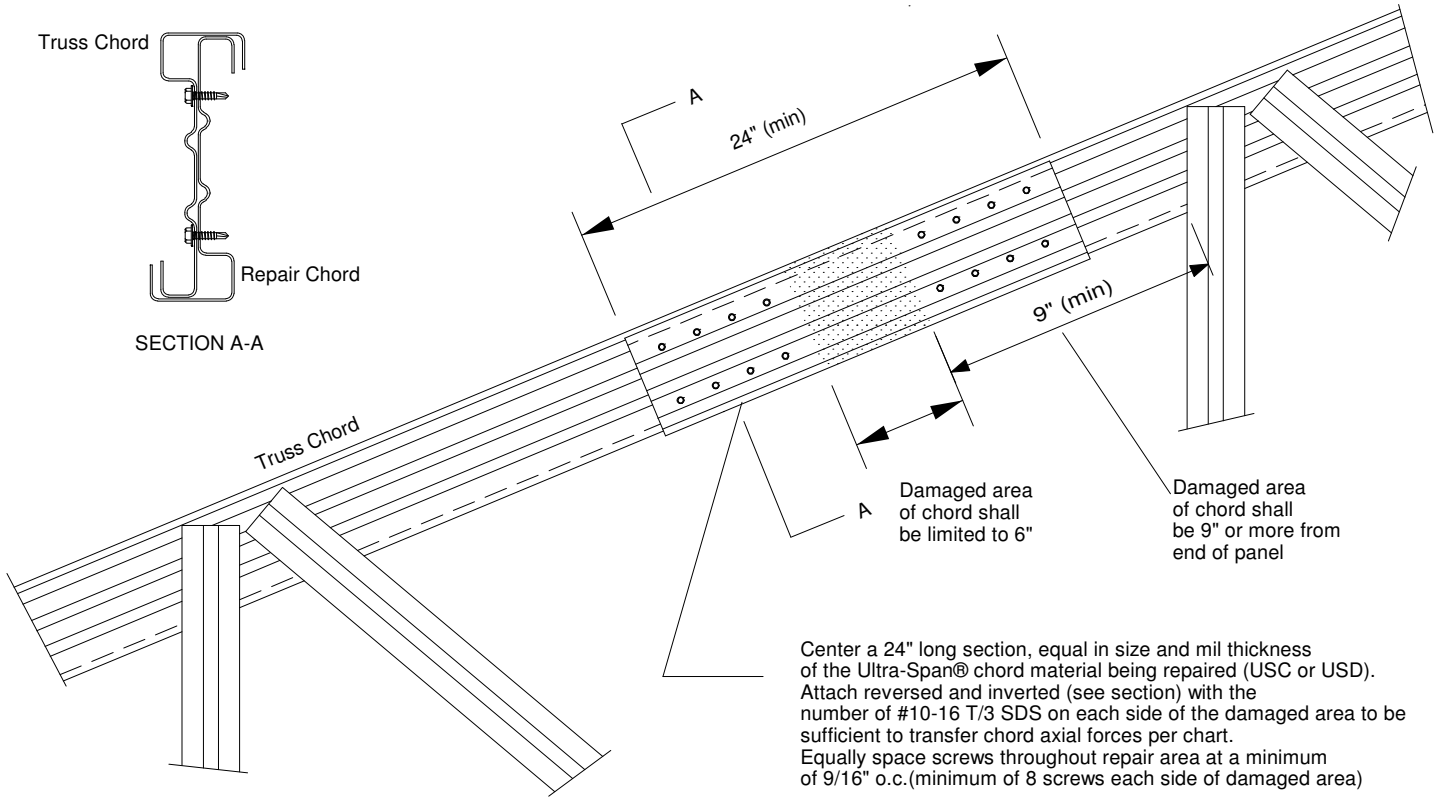


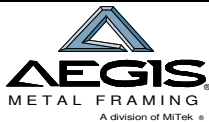
This REPAIR DETAIL may be used to repair any Ultra-Span® truss chord that has been bent (kinked) or has had flanges flattened. The existing chord must be straightened to provide a flat area for the repair attachment.



Center a 24" long section, equal in size and mil thickness of the Ultra-Span® chord material being repaired (USC or USD). Attach reversed and inverted (see section) with the number of #10-16 T/3 SDS on each side of the damaged area to be sufficient to transfer chord axial forces per chart. Equally space screws throughout repair area at a minimum of 9/16" o.c. (minimum of 8 screws each side of damaged area)

MAXIMUM AXIAL LOAD (LBS)				
		Chord Thickness (mils)		
		035	046	057+
#10 sds per cluster	8	2240	3376	3960
	12	3360	5064	5940
	16	4480	6752	7920
	20	5600	8440	9900
	24	6720	10,128	11,880

Screw specifications:
 Type: Hex Head
 Dia. = 0.190" (#10)
 Minimum screw spacing & edge distance = 9/16"



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 14515 N. Outer 40 Drive - Suite 110
 Chesterfield, MO 63017
 Phone: (866) 902-3447 Fax: (314) 434-5234

ULTRA-SPAN® STANDARD CHORD REPAIR DETAIL

DETAIL NO.

CD-CREP1.1

CATEGORY

STANDARD DETAILS

DATE

2/2013