

This REPAIR DETAIL may be used to repair any Ultra-Span® truss web that has been bent (kinked) or has had flanges flattened. The existing web must be straightened prior to repair attachment.

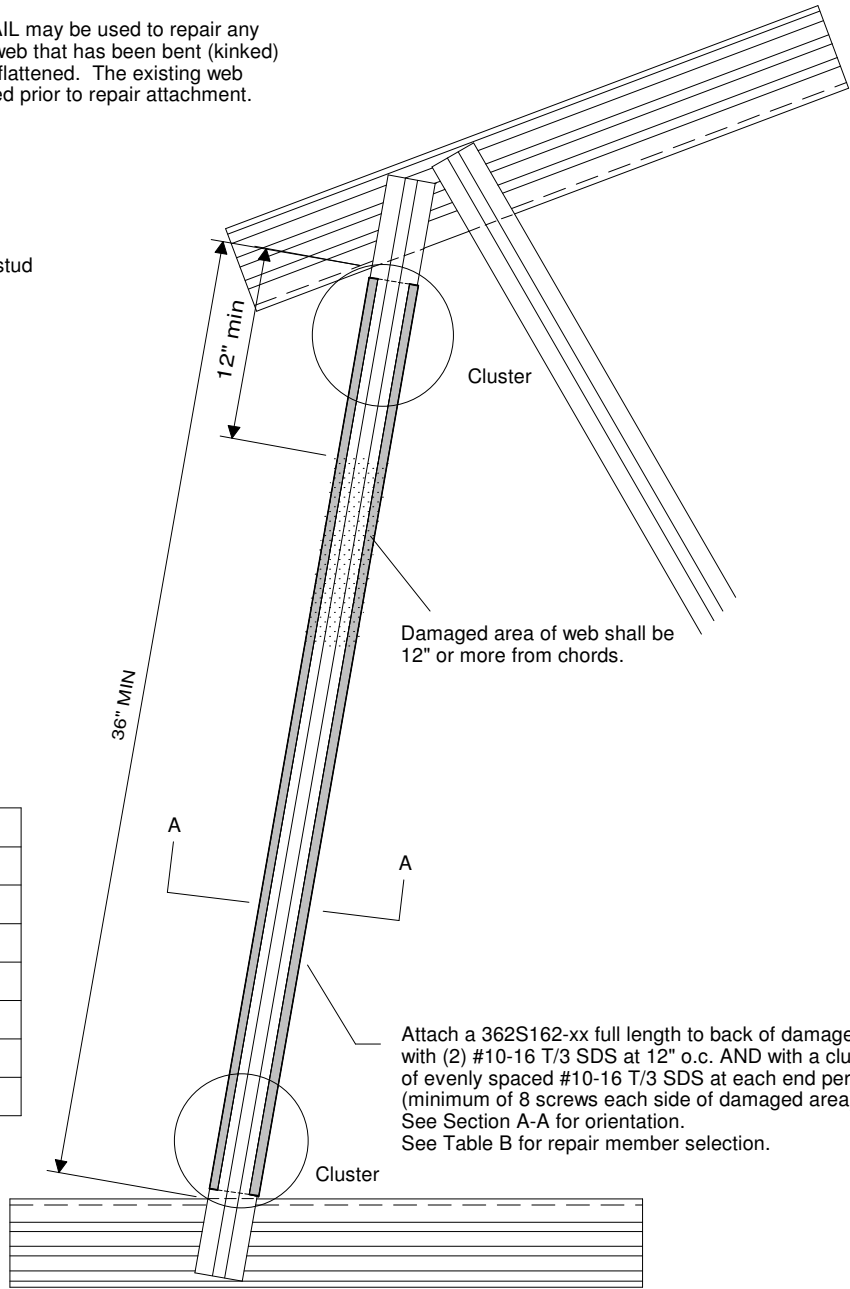
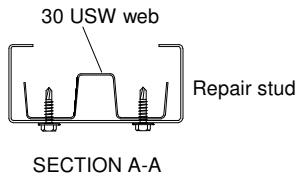


TABLE B

Repair Member Selection	
USW mils	Repair Member (min)
035	362S162-43 (33 ksi)
046	362S162-43 (33 ksi)
057	362S162-54 (50 ksi)

Note: Punched studs are permissible. Punched holes are not allowed in areas of connection.

TABLE C

MAXIMUM AXIAL LOAD (LBS)			
	USW Thickness (mils)		
	035 & 046	057	
#10 sds per cluster	8	2120	3960
	12	3180	5940
	16	4240	7920
	20	5300	9900
	24	6360	11,880

Damaged area of web shall be 12" or more from chords.

Attach a 362S162-xx full length to back of damaged web. with (2) #10-16 T/3 SDS at 12" o.c. AND with a cluster of evenly spaced #10-16 T/3 SDS at each end per Table C. (minimum of 8 screws each side of damaged area) See Section A-A for orientation. See Table B for repair member selection.

Screw specifications:

Type: Hex Head

Dia. = 0.190" (#10)

Minimum screw spacing & edge distance = 9/16"



www.AegisMetalFraming.com

14515 N. Outer 40 Drive - Suite 110
Chesterfield, MO 63017

Phone: (866) 902-3447 Fax: (314) 434-5234

ULTRA-SPAN® STANDARD WEB REPAIR DETAIL

DETAIL NO.

C-WREP1.1

CATEGORY

STANDARD DETAILS

DATE

2/2013