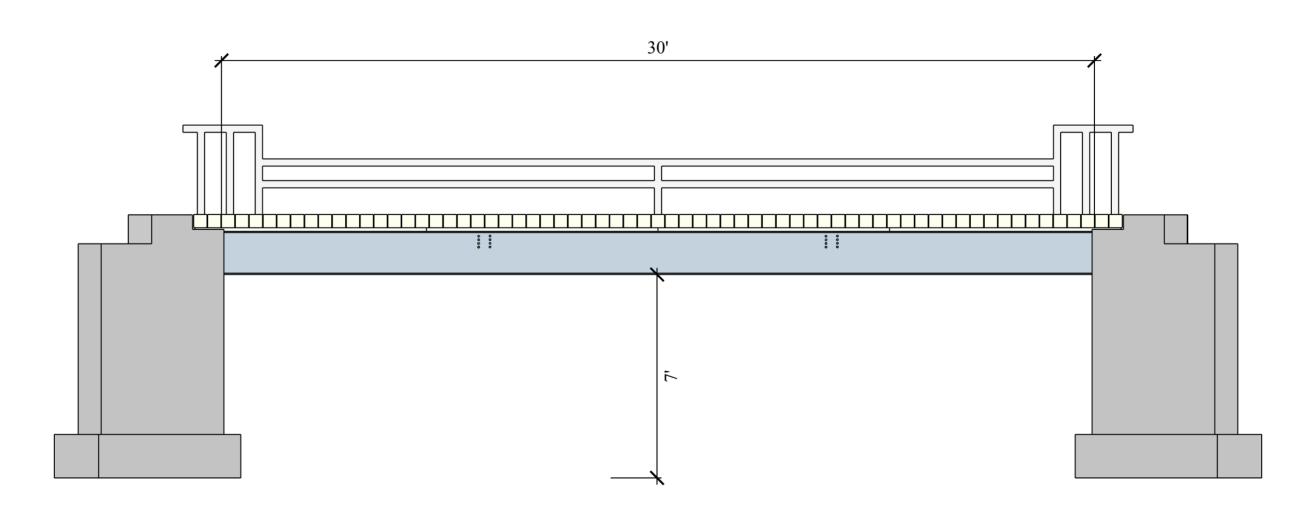


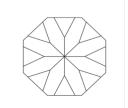
Designed June 2018



Left

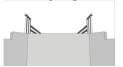


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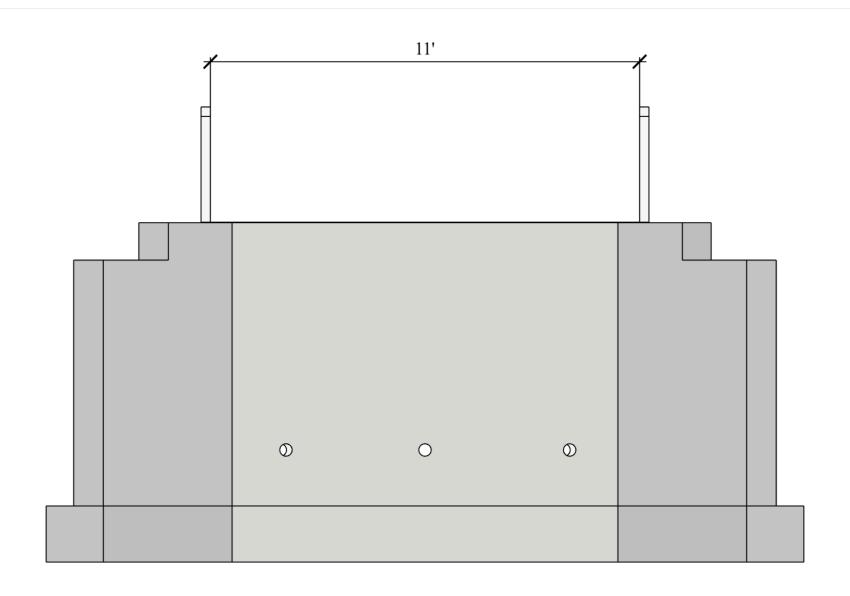


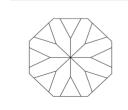
 $A_{3.1}$

Designed June 2018



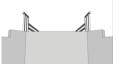
Front

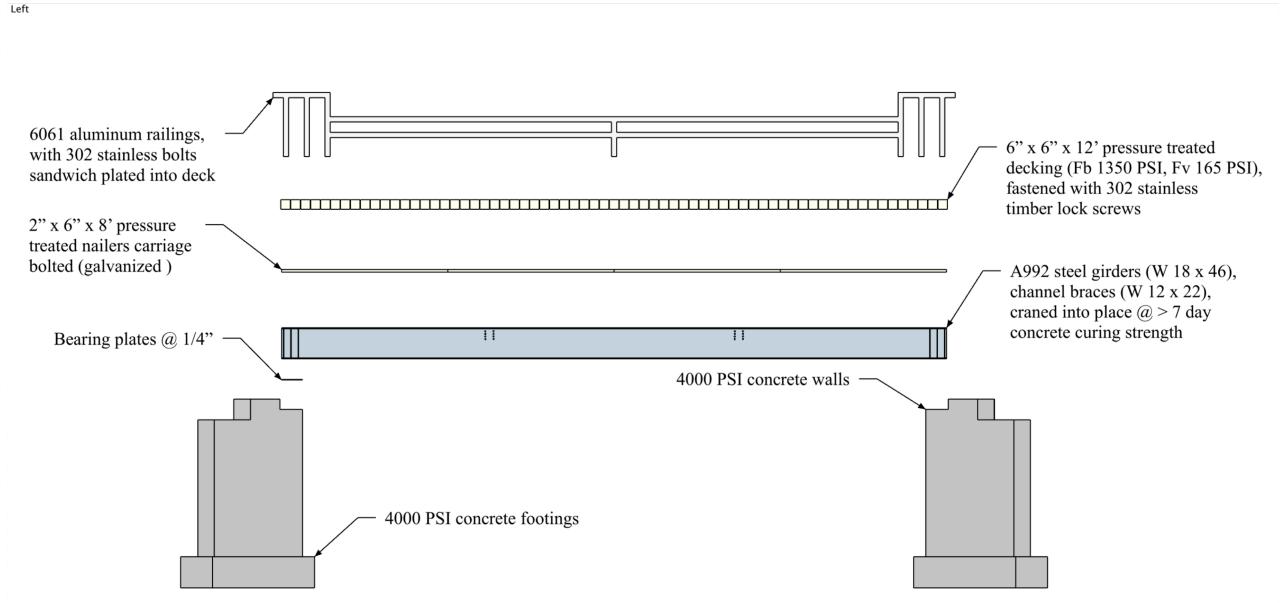


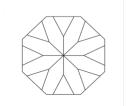




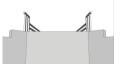
Designed June 2018



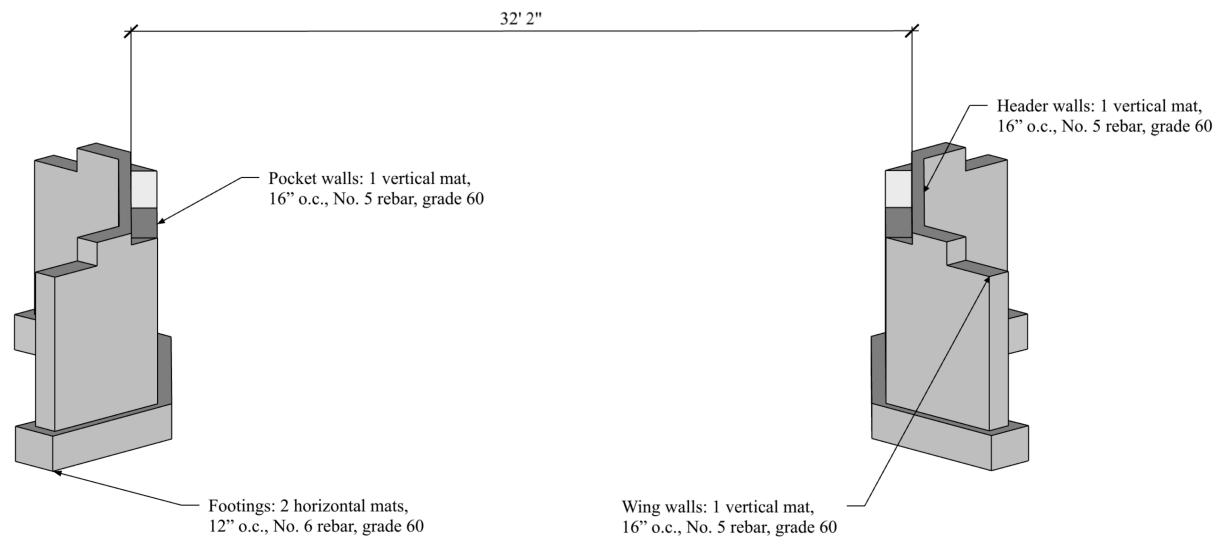


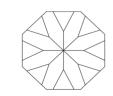


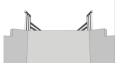
Designed June 2018

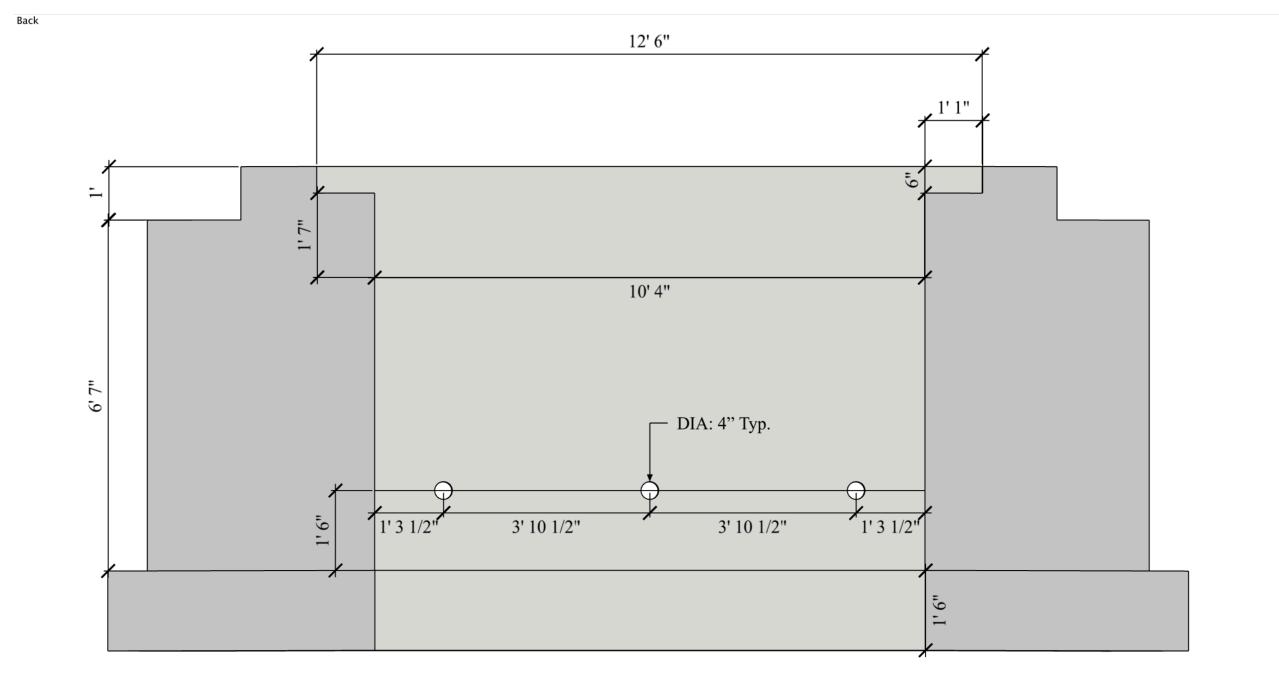


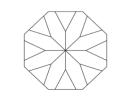
All concrete @ 4000 PSI, footings pinned to existing ledge, or established 5' below stream grade







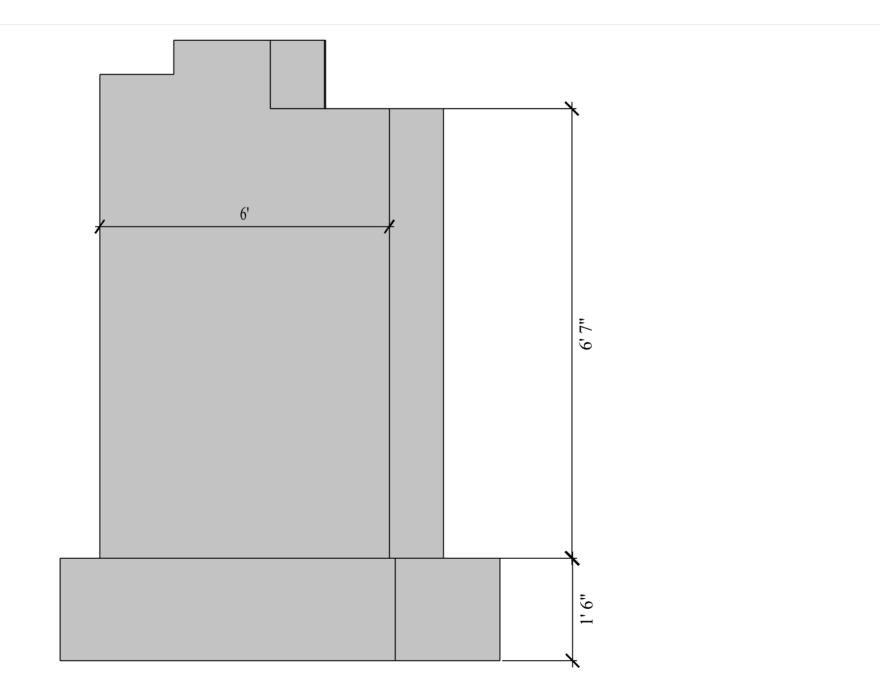


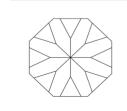


Designed June 2018



Left

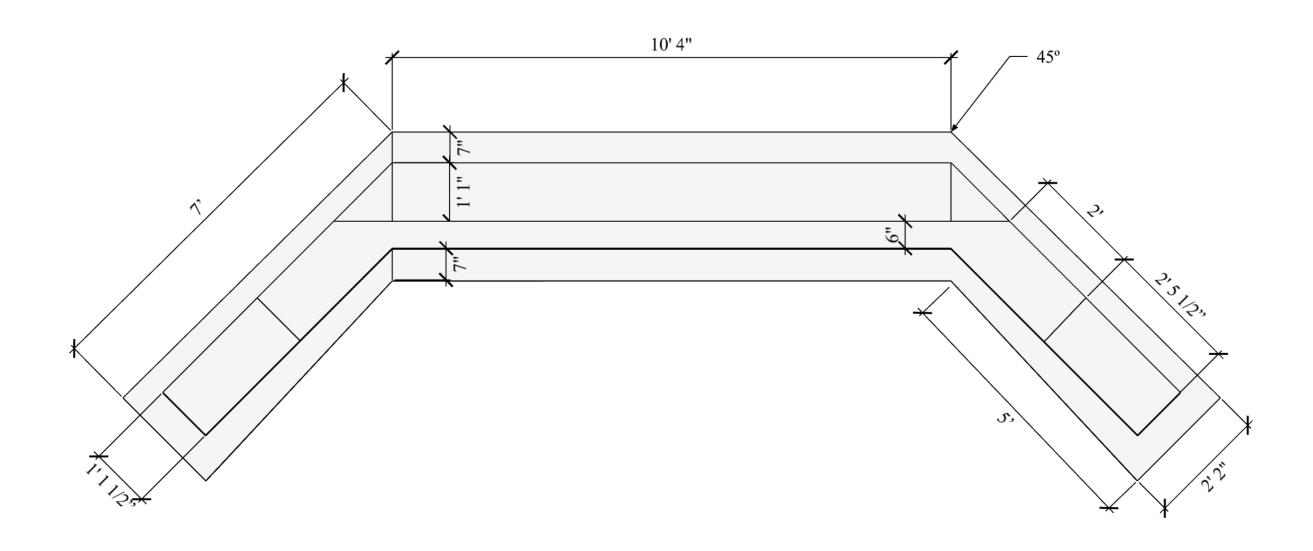




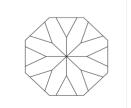




Тор



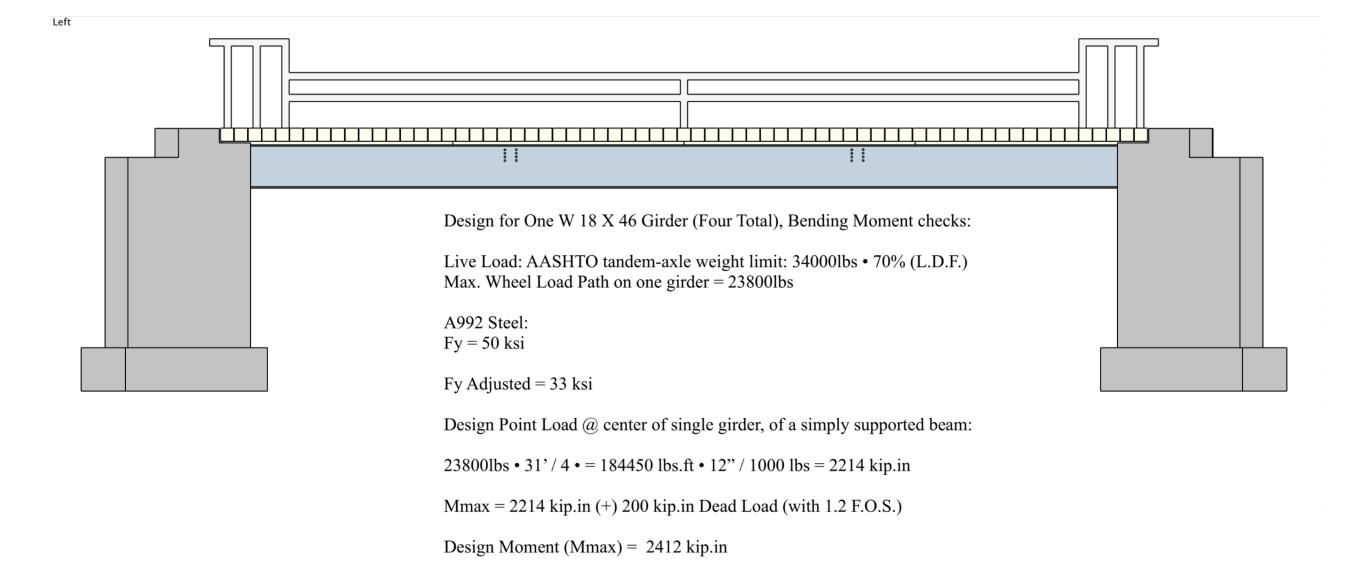
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 $A_{3.7}$

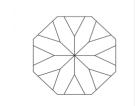
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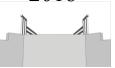
Design for Elastic Section Modulus:

 $Sx = Mmax / Fy Adjusted = 73.2in^3 < 78.8in^3$, Satisfied





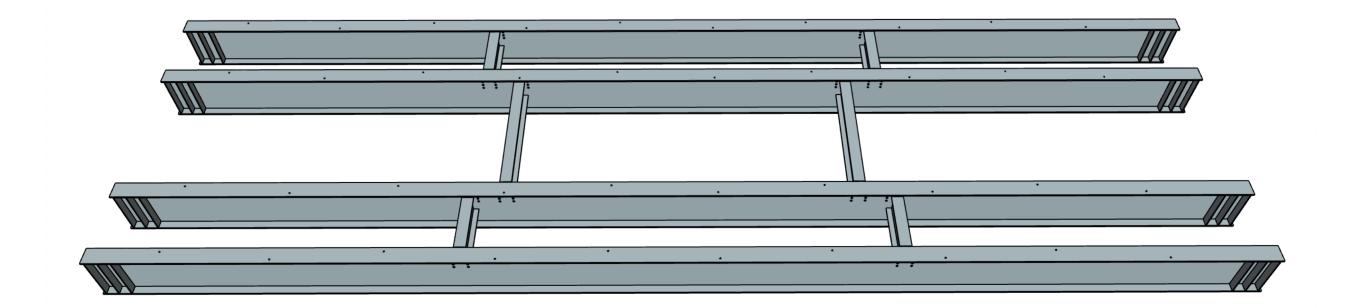
Designed June 2018

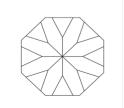


W 18 X 46 Main Girders, 4 total

W 12 X 22 Channel Braces, 6 total

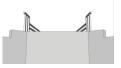
All W-sections, Angles, A325 Bolts, Galvanized

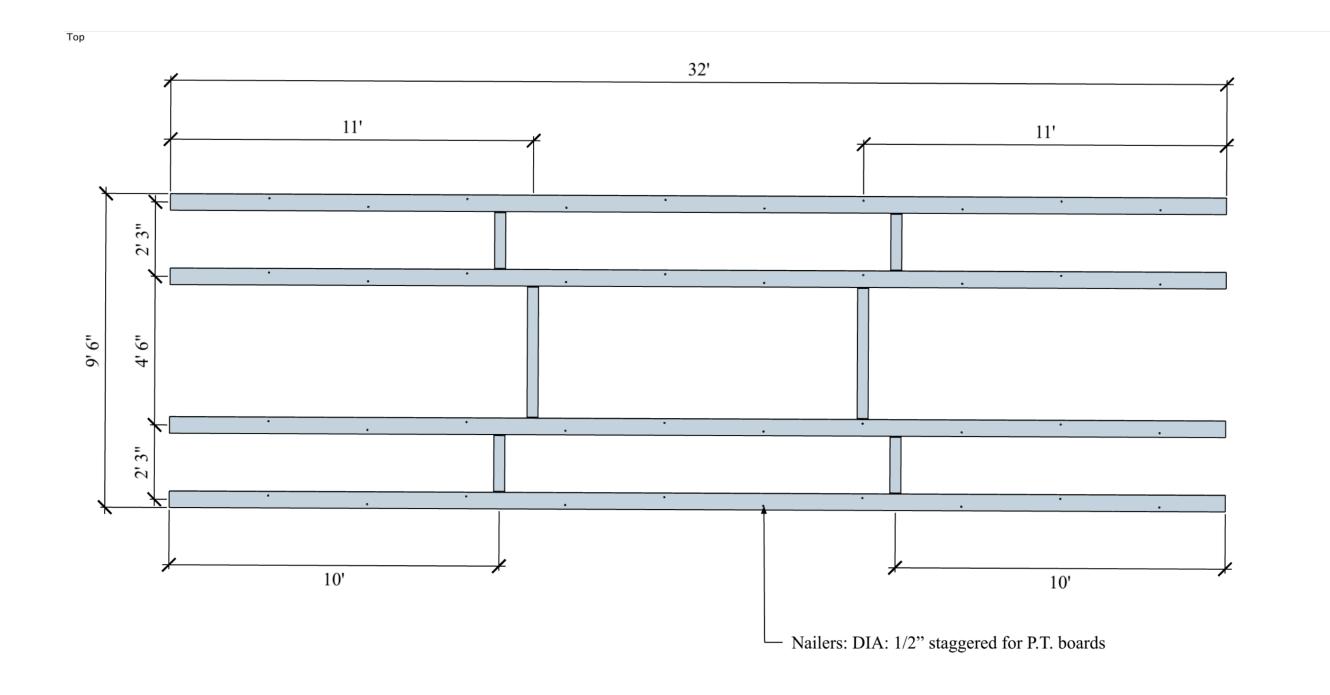






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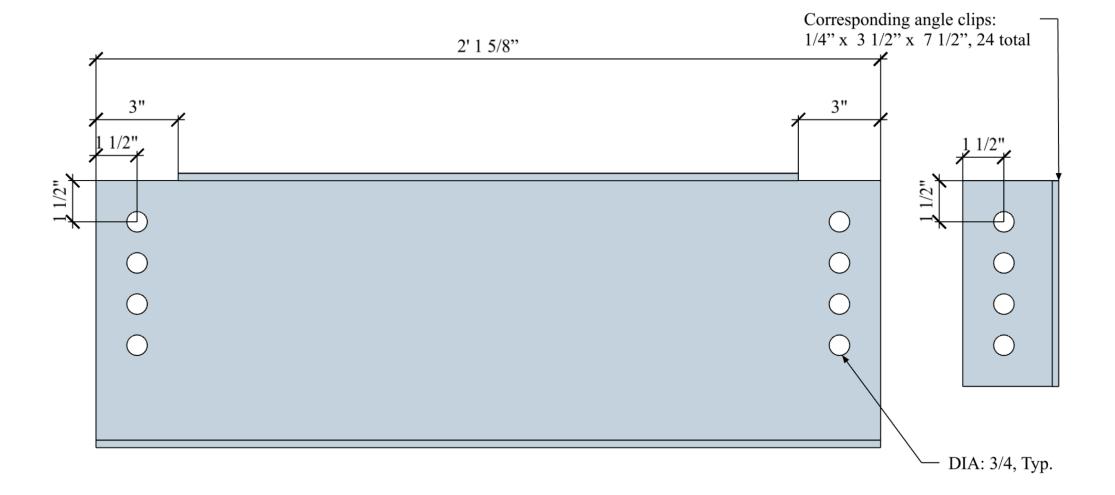


 $A_{3.10}$

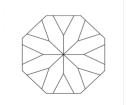


Back

4 Channel Braces, W 12 X 22, A 325 Bolt Connections



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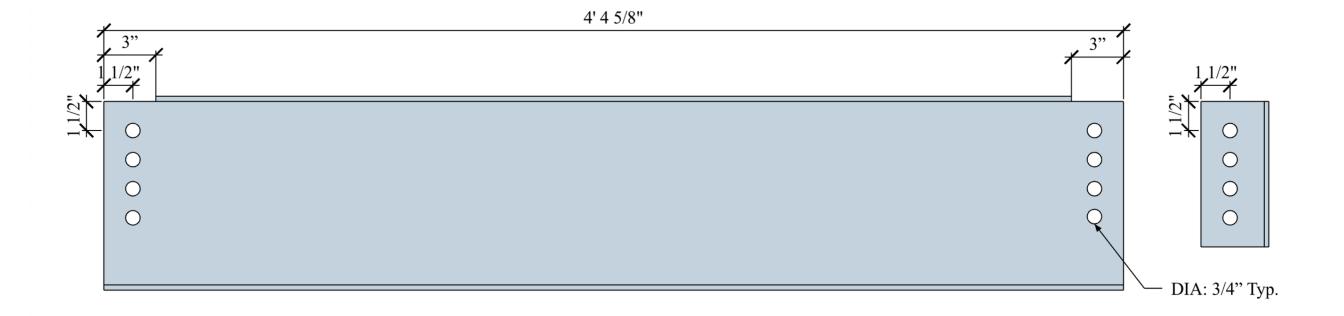


 $A_{3.11}$

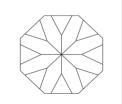


Back

2 Channel Braces, W 12 X 22, A 325 Bolt Connections



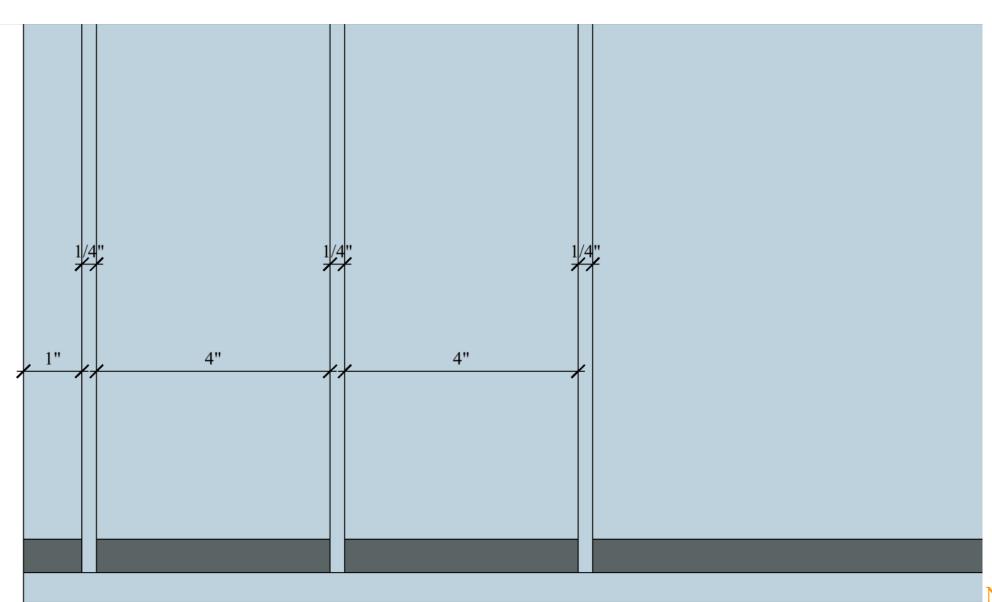


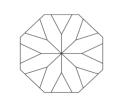






Web stiffeners, 48 total, flush with web, top and bottom flange, dimensions Typ.

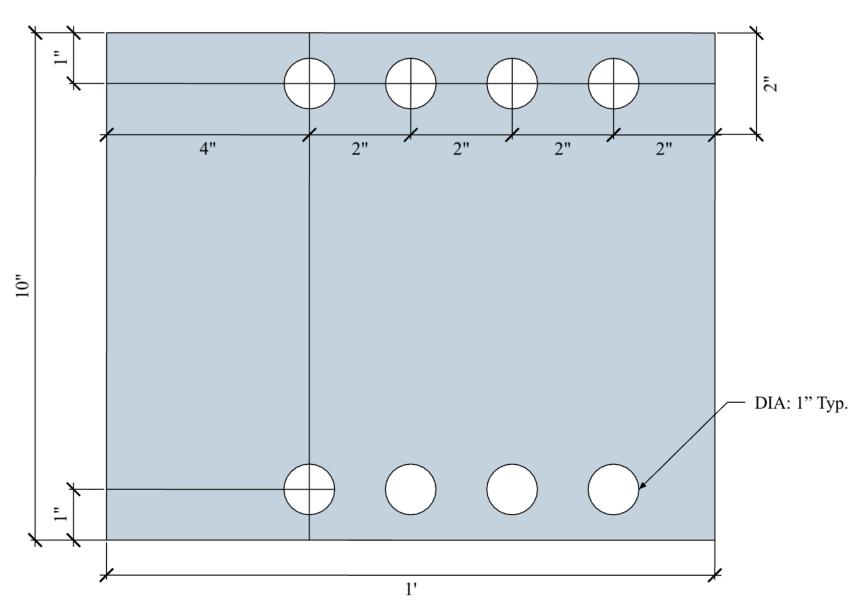


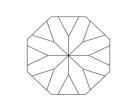




Тор

Bearing plates @ 1/4", 8 total, using A325 epoxied threaded bolts (bottom girder flanges welded to plates 2" off longitudinal edges in-shop)







Thank You

43° 45' 46.08" N 72° 22' 45.12" W

