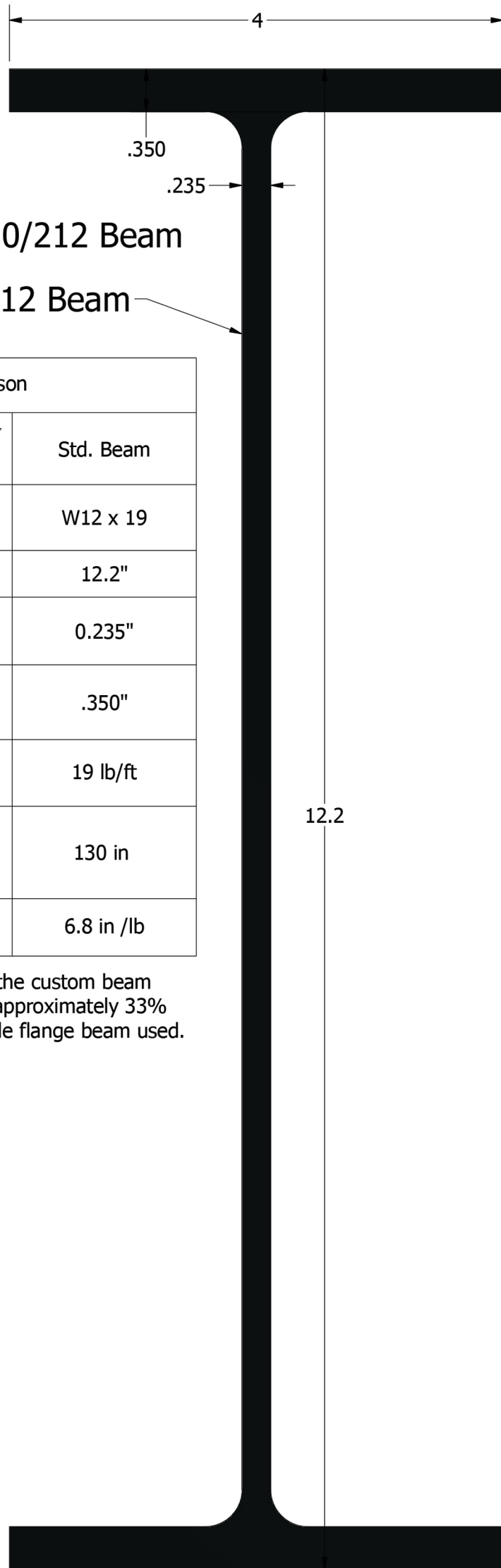
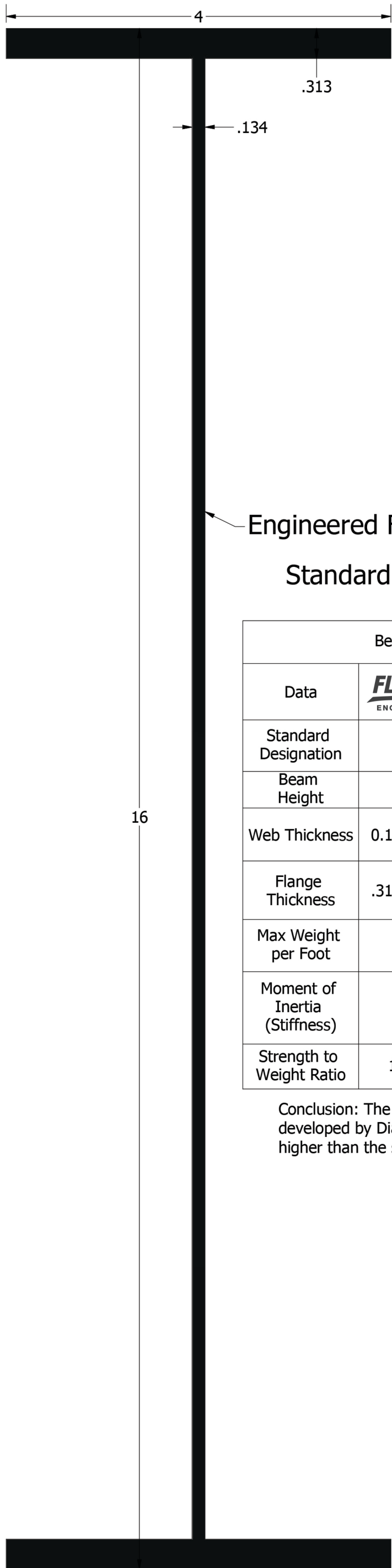


FMAX210/212

BEAM COMPARISON



Engineered FMAX210/212 Beam

Standard FMAX212 Beam

Beam Comparison		
Data	FLEETNECK ENGINEERED BEAM	Std. Beam
Standard Designation	-	W12 x 19
Beam Height	16"	12.2"
Web Thickness	0.134" x Grd50	0.235"
Flange Thickness	.3125" x Grd50	.350"
Max Weight per Foot	15.5 lb/ft	19 lb/ft
Moment of Inertia (Stiffness)	194 in	130 in
Strength to Weight Ratio	12.5 in /lb	6.8 in /lb

Conclusion: The stiffness of the custom beam developed by Diamond C is approximately 33% higher than the standard wide flange beam used.



see the difference
800.827.3512
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