

1) All timber parts shall be cut, drilled, or milled before application of weather-resistant treatment. Treated wood members shall not be drilled or cut in any way that would damage treatment or expose raw wood to weather.

2) Timber shall be treated for weather.

3) All timber pieces shall be Douglas Fir. Calculations are based on the following structural characteristics:

Moe 1.6 x 10+6
 Bending 1500psi
 Shear 85psi
 Tensile 1000psi
 Crush perpendicular 625psi
 Crush parallel 1150psi

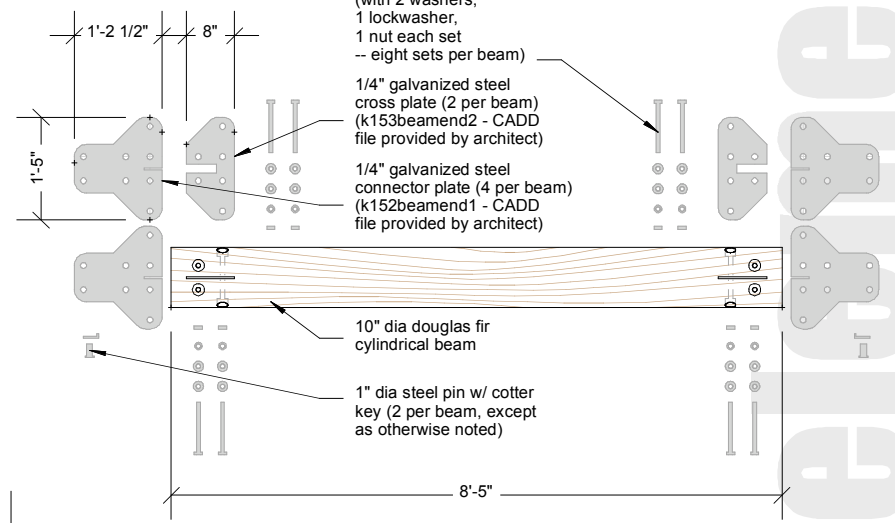
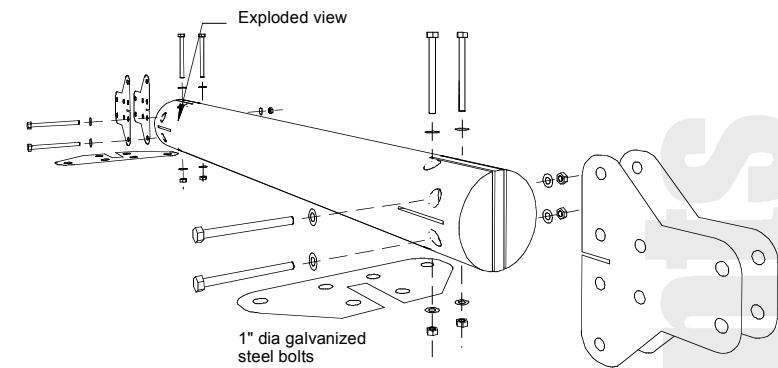
4) Timber parts shall be Neville pre-cut logs or equivalent.

5) All parts shall be laser-cut, drilled, machined, welded, or formed before galvanizing. Galvanized parts shall not be drilled or cut in any way that could damage the galvanized finish.

6) Hot-dip galvanized zinc finish shall be applied according to American Society for Testing and Materials (ASTM) standard A 123.

7) Structural steel plates shall be A36 steel.

8) Steel tolerance shall be +.020 -.000



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