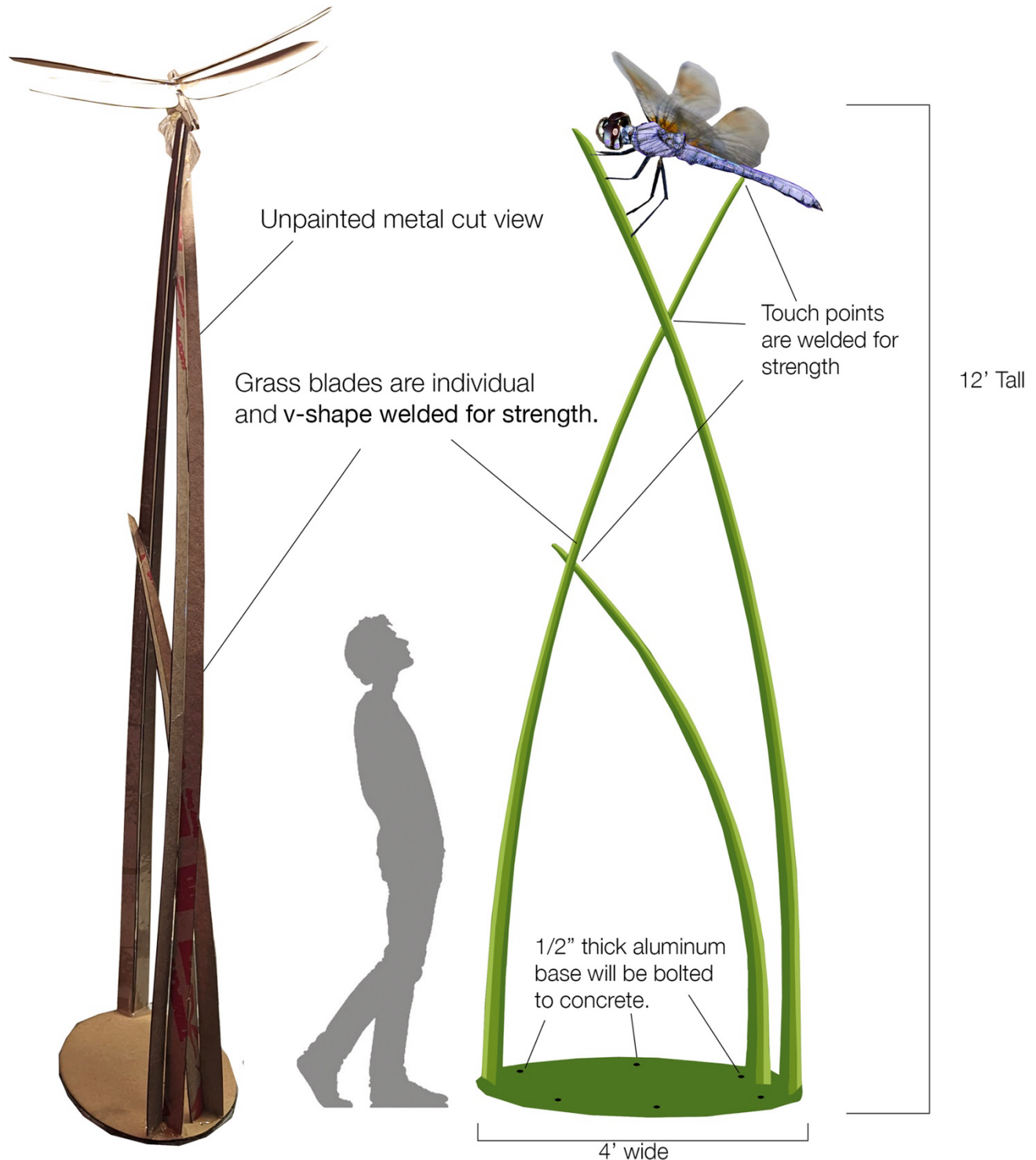


Marquette - Kids Cove Dragonfly Sculpture

by Brian Wignall 12/26/2023

Built of 1/4" thick aluminum with a blade base width of approximately 8-12 inches, this sculpture will be powder-coated to withstand all weather conditions. Structure will be created in accordance with ADA guidelines to be safe for children; the finished installation will be wide enough for individuals and wheelchairs to pass through and will have no sharp edges. The dragonfly color can be adjusted to fit the client's preferred color scheme of purples.

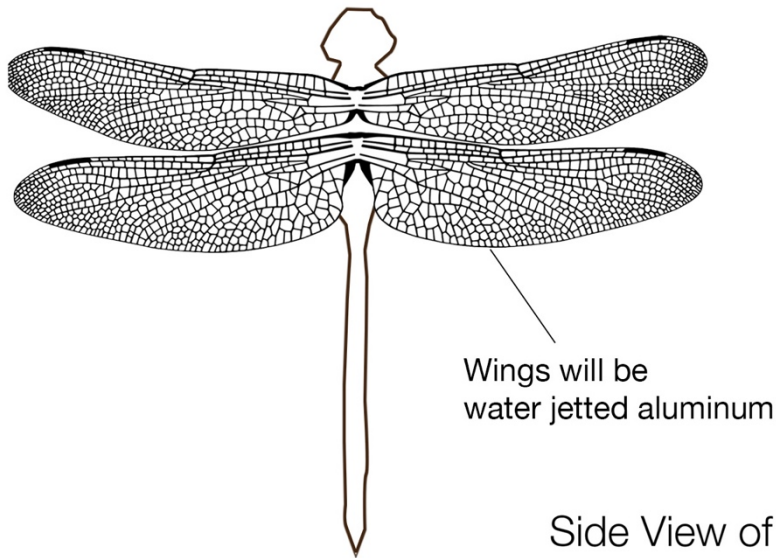


Marquette - Kids Cove Dragonfly Sculpture

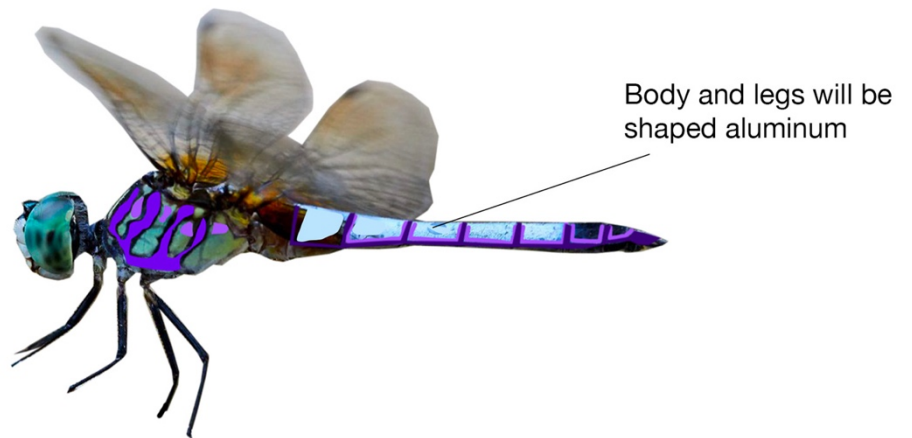
by Brian Wignall 12/26/2023

Dragonfly wingspan is 4' wide and body length is also 4' in length. Wing details shown below in Top View will be water jetted in detail as shown. Side View shows another possible color variation.

Top View



Side View of Dragonfly

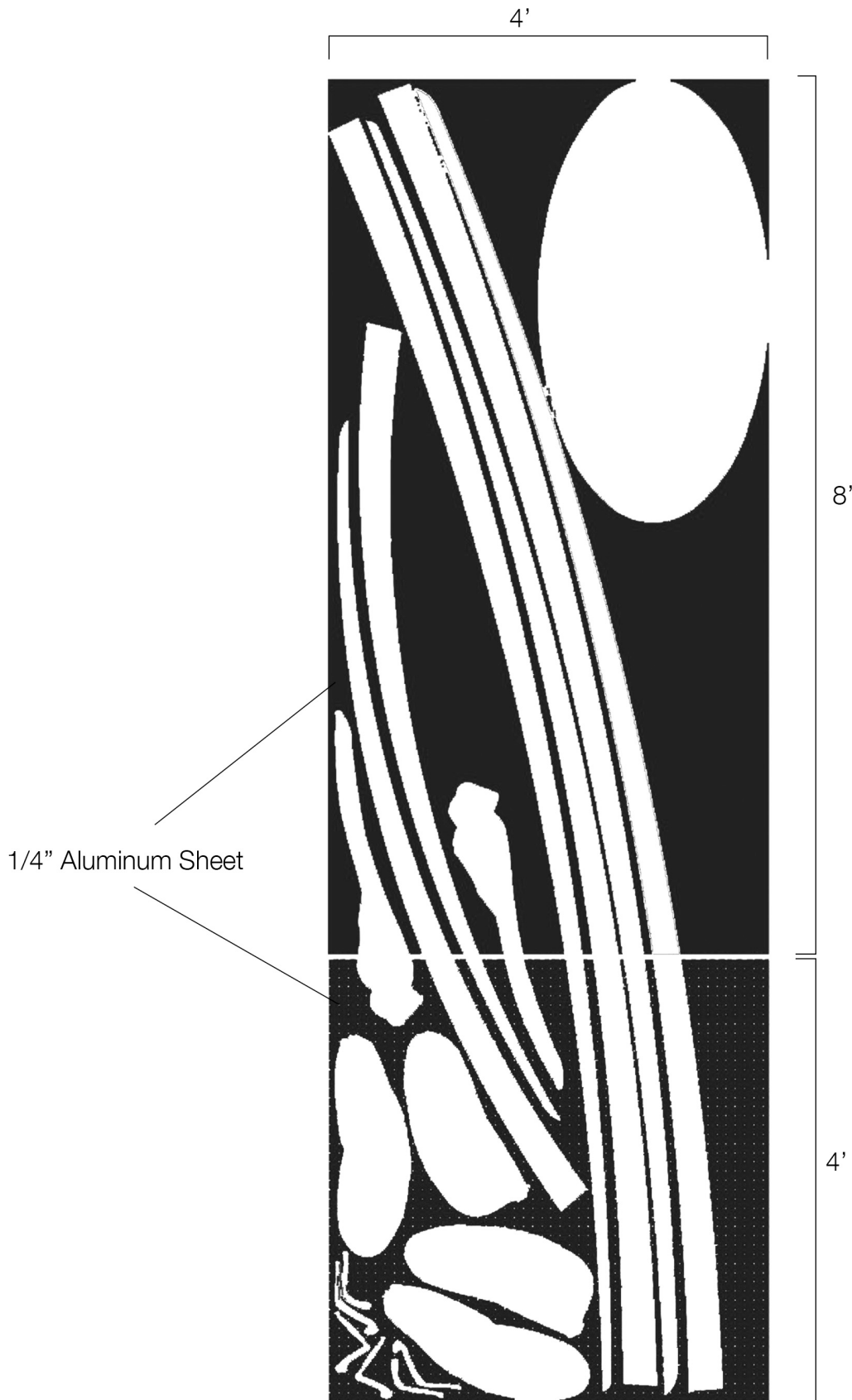


Front View

Marquette - Kids Cove Dragonfly Sculpture

by Brian Wignall 12/26/2023

Metal cut sheet to estimate the amount of metal needed to water jet the Dragonfly sculpture out of 1/4" aluminum.



Marquette - Kids Cove Dragonfly Sculpture

by Brian Wignall 12/26/2023

Fabrication Schedule & Costs

Three (3) month time frame allocated from start to installation of sculpture

Design development	\$ 4,500
Includes: CAD drawings	
Adherence to ADA guidelines	
Safety checks	
Engineering durability	
Design changes as necessary	
Materials and Fabrication.....	\$ 7,500
Includes: Raw materials	
Cutting, Deburring	
Welding	
Surface finishing and Blasting	
Powder Coating (approx. 57 sq. ft.)	
Painting with commercial enamel	
Project Management.....	\$ 10,000
Includes: Leading the team to achieve all project goals	
Preparation of project documentation	
Organizing and managing production	
Troubleshooting and resolving problems	
Communication and collaboration with all parties	
Tracking timelines	
Maintaining scope, quality, time, and budget	
Fabrication Supervision.....	\$ 5,500
Includes: Final review of engineering requirements	
On-site supervision of fabrication	
Quality assurance	
Associated travel costs	
Transport & Installation	\$ 2,000
Includes: Packing for transport	
Transportation costs	
Installation	
Insurance	\$ 500

Total	\$30,000
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Payment Schedule

50% down payment to begin work	\$15,000
25% at completion	\$ 7,500
Remaining 25% balance due after installation	\$ 7,500