The following specification guide has been prepared to assist design professionals in the preparation of a specification section incorporating GlassArt Design glazing materials. Utilize the following paragraphs to insert text into Specification Section 08 80 00 - Glazing or similarly titled section governing this work.

Note the following when using this specification guide:

- Black text is intended for insertion into project specifications.
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- Red text indicates that action is required by the Design Professional.

- Optional paragraphs are separated by an "OR" statement, e.g.:

**** OR ****

For assistance on the use of the products in this section, contact GlassArt Design by calling 612-870-0247, by email at sales@glassartdesign.com, or visit their website at www.glassartdesign.com.

SimpleSpecs™, a master guide specification system offered by ZeroDocs.com, includes a complete library of specifications that can be used to specify glazing as well as other project requirements. *SimpleSpecs™* may be obtained online at www.zerodocs.com

PART 1 - GENERAL

SUBMITTALS

Include the following for submission of samples for submission of product data and samples.

    A.   Action Submittals:
        1.   Product Data: Manufacturer's descriptive data and installation instructions.
        2.   Samples: [12 x 12] [__ x __] inch glass samples.

QUALITY ASSURANCE

Include the following for glass in locations subject to human impact; refer to Building Code for specific requirements.

    A.   Provide safety glass tested and labeled to CPSC 16 CFR 1201 for locations subject to human impact as required by [Building Code.] [_____.]

PART 2 - PRODUCTS

MANUFACTURERS

    A.   Acceptable Manufacturer - Art Glass: GlassArt Design, 612-870-0247, email sales@glassartdesign.com, website www.glassartdesign.com.

Edit the following to indicate whether or not substitutions will be considered.

    B.   Substitutions: [Refer to Division 01.] [Not permitted.]

MATERIALS

A.	Etched Glass:
1.	Glass type: [Clear float.] [Clear float matte/satin.] [Clear low iron.] [Clear low-iron matte/satin.] [Tinted.] [Clear mirror.] [Antique Mirror.]

1/8 inch is minimum thickness.

2.	Glass thickness: Nominally [___] inch.
3.	Process: Apply light, frosted texture to glass via sandblasting.
4.	Appearance: [Uniform etching over entire surface.] [Areas masked prior to sandblasting to create [pattern] [texture] [as indicated on Drawings.] [as provided by Architect.]

Colored coatings may be applied to glass.

5.	Applied color: [_____] color, [opaque.] [translucent.]
6.	Safety glazing: [Tempered.] [Laminated.]

Contact GlassArt for available glass edges.

7.	Glass edges: [_____.]

Retain the following for a clear overcoat that makes the glass maintenance friendly.

8.	Apply marine-grade clear coating.

**** OR ****

A.	Carved Glass:
1.	Glass type: [Clear float.] [Clear float matte/satin.] [Clear low-iron.] [Clear low iron matte/satin.] [Tinted.]

Thickness varies by pattern from 1/4 inch to 1 inch.

2.	Glass thickness: Nominally [__] inch.
3.	Process: Carve glass to deep texture via sandblasting.
4.	Pattern: [Granite.] [Deep-Carved Dunes.] [Deep-Carved Dunes 2.] [Stage-Carved Dunes.] [Stucco.] [Stucco 2.] [Fresco.] [Lunar.] [Single Gluechip.] [Soft Chip.] [Japanes Wave 3.] [Custom pattern [as indicated on Drawings.] [to be provided by Architect.]

Colored coatings may be applied to glass.

5.	Applied color: [_____] color, [opaque.] [translucent.]
6.	Safety glazing: [Tempered.] [Laminated.]

Contact GlassArt for available glass edges.

7.	Glass edges: [_____.]

Retain the following for a clear overcoat that makes the glass maintenance friendly.

8. Apply marine-grade clear coating.

A. Patterned Glass:
   1. Glass color: Clear float.
   2. Glass thickness: Nominally [1/8] [5/32] [1/4] [3/8] inch.
   3. Pattern: [_____.]

Contact GlassArt for available glass edges.

   4. Glass edges: [_____.]
   5. Safety glazing: [Tempered.] [Laminated.]

Retain the following for a clear overcoat that makes the glass maintenance friendly.

   6. Apply marine-grade clear coating.

A. Firemolded Kiln Fired Glass:
   1. Glass type: [Clear float.] [Clear low-iron.] [tinted.]

Thickness varies by pattern from 1/8 inch to 3 inches.

   2. Glass thickness: Nominally [___] inch.
   3. Process: Glass heated in kiln until soft, then allowed to relax into mold.
   4. Pattern: [_____.] [Custom pattern [as indicated on Drawings.] [to be provided by Architect.]
   5. Glass edges: [_____.]
   6. Safety glazing: [Tempered.] [Laminated.]

Retain the following for a clear overcoat that makes the glass maintenance friendly.

   7. Apply marine-grade clear coating.

A. Elements Recycled Glass:
   1. Product: Elements Recycled Glass.
   2. Glass color: [Ancient Gray.] [Brown.] [Jade.] [White.]
   3. Glass thickness: Nominally 7/8 inch.
   4. Description: 100 percent recycled glass nuggets, kiln fused in mold.
   5. Glass finish: [Natural fused.] [Polished.]

Colored coatings may be applied to glass.

   6. Applied color: [_____] color, [opaque.] [translucent.]
   7. Safety glazing: Laminated.
   8. Glass edges: [Flat polished.] [Mitered.]

A. EcoLuxe Recycled Glass:
   1. Description: 100 percent recycled glass nuggets, kiln fused in mold.

Colored coatings may be applied to glass.

   2. Applied color: [____] color, [opaque.] [translucent.]

Thickness varies by application from 3/8 inch to 3 inches.

   3. Glass thickness: Nominally [__] inch.
   4. Glass finish: [Natural Fused.] [Epoxy Coated.]
   5. Glass edges: Flat ground.

**** OR ****

A. Firepolished Glass:
   1. Glass type: [Clear float.] [Clear low-iron.] [Tinted.]

Thickness varies by pattern from 1/4 inch to 1 inch.

   2. Glass thickness: Nominally [__] inch.
   3. Process: Texture or design, carved via sandblasting, then heated to create translucent embossing of carved texture or design.
   4. Appearance: [Uniform etching over entire surface.] [Areas masked prior to sandblasting to create [pattern] [texture] [as indicated on Drawings.] [as provided by Architect.]

Colored coatings may be applied to glass.

   5. Applied color: [____] color, [opaque.] [translucent.]
   6. Safety glazing: [Tempered.] [Laminated.]

Contact GlassArt for available glass edges.

   7. Glass edges: [____.]

**** OR ****

A. Fused Glass:
   1. Glass type: [Clear float.] [Clear low-iron.] [Tinted.] [Custom colored.]

Thickness varies by pattern from 1/4 inch to 3 inches.

   2. Glass thickness: Nominally [__] inch.
   3. Process: Glass fused in kiln.
   4. Pattern: [____.] [Custom pattern [as indicated on Drawings.] [to be provided by Architect.]

Colored coatings may be applied to glass.

   5. Applied color: [____] color, [opaque.] [translucent.]

6. Glass edges: [_____.]
7 Safety glazing: Laminated.
8. Safety glazing: [Tempered.] [Laminated.]

9. Apply marine-grade clear coating.

**** OR ****

A. Colorcoat Back Painted Glass:
1. Glass type: [Clear float.] [Clear float matte/satin.] [Tinted.] [Clear mirror.] [Antique mirror.]

2. Glass thickness: Nominally [__] inch.
3. Pattern: [Solid over entire surface.] [As indicated on Drawings.] [As provided by Architect.]
4. Applied color: [_____] color, [opaque.] [translucent.]

5. Apply marine-grade clear coating.

6. Glass edges: [_____.]

**** OR ****

A. Classic Mirror Glass:
1. Glass color: [Clear.] [Bronze.] [Gray.] [Specialty.]
2. Glass thickness: Nominally [1/8] [1/4] inch.
3. Process: Apply one coat electroplated silver, one coat electroplated copper, and multiple coats of opaque paint to back surface of glass.
4. Specialty treatment: [Custom desilvering.] [Etched.] [Carved.] [Applied [translucent] [opaque] color.]

5. Glass edges: [_____.]

**** OR ****

A. Antique Mirror Glass:
1. Glass color: Clear.
2. Glass thickness: Nominally [1/8] [1/4] inch.
3. Process: Apply one coat electroplated silver, one coat electroplated copper, and multiple coats of opaque paint to back surface of glass.

4.   Finish: [Dark Cloud.] [Rainbow.] [Sunset.] [Snow Cloud.] [Silver Patina.] [Summer Cloud.] [French.] [Charcoal Antique.]
5.   Specialty treatment: [Custom desilvering.] [Etched.] [Carved.] [Applied [translucent] [opaque] color.]

Contact GlassArt for available glass edges.

6.   Glass edges: [_____.]

**** OR ****

A.   [Stained] [and] [Leaded] Glass:
1.   Glass type: [Custom colored.] [Patterned.] [Clear float.] [Clear float matte/satin.] [Clear low-iron.] [Clear low-iron matte/satin] [Tinted.] [Clear mirror.] [Antique mirror.]
2.   Glass thickness: 3/32 to 1/4 inch; nominally 5/16 inch.
3.   Description: Individual glass segments retained by [round] [flat] profile [lead] [brass] [zinc] cames.
4.   Color and pattern: [As indicated on Drawings.] [As provided by Architect.]

**** OR ****

A.   Laminated Glass:
1.   Glass type: [Clear float.] [Clear float matte/satin.] [Clear low-iron.] [Clear low-iron matte/satin] [Tinted.] [Clear mirror.] [Antique mirror.]

Thickness varies by project requirements; minimum 9/32 inch.

2.   Glass thickness: Nominally [___] inch.

Colored coatings may be applied to glass.

3.   Applied color: [_____] color, [opaque.] [translucent.]
4.   Safety glazing: Tempered.

Contact GlassArt for available glass edges.

5.   Glass edges: [_____.]